

Cylinder Head and Block Manual

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Compiled & edited

By

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Note: Do not attempt to use solely as an interchange manual.

This manual contains all information from previous editions and was compiled from the best available sources, and has been edited with the utmost care. Neither the Association nor its staff can assume any responsibility for the accuracy of this data or the consequences of its application.

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Note: Do not attempt to use as an interchange manual.

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Introduction

AERA gratefully acknowledges the excellent cooperation and feedback provided by all Past, Active and Associate members who were called upon for assistance in the creation of this manual.

This manual is created from latest information contained and maintained in PRO-SIS AERA's Engine Specification Software program. All information contained in the manual is available on a CD-ROM for use in your shop. PRO-SIS also links these specifications with applicable AERA Technical Bulletins for easy review of the latest product updates and revisions.

The word PRO-SIS stands for **Professional Specification Information Software**.

PRO-SIS Engine Specifications is a trademark of AERA.

Machinists Shop Data

Identifying A Cylinder Head Or Block - When the identity of a head or block is not known, it is best to first attempt to locate an identifying number or mark.

A casting number is usually stamped or cast into the cylinder head or block. All casting numbers known to AERA have been listed in this manual.

Many cylinder heads or blocks do not carry a casting number. OEM has been known to use the same head or block in different applications. Identification may be possible from insignias, paint marks or other markings located on the cylinder head or block. Try to I.D. heads and blocks before cleaning, as any painted marks will be removed. Reference the comments in the Alphabetical Listing By Manufacturer section of the manual for these marks.

Locating Specifications By Casting Number - Find the casting number in the numerical list of casting numbers. Known casting numbers for cylinder heads may be found in the cylinder head section. Similarly, cylinder block casting numbers may be found in the cylinder block section of this manual. The corresponding engine manufacturer, displacement(s), and specifications are detailed in the alphabetical listing section.

An asterisk (*) or it may be (**) or more indicates that additional information about the cylinder head or block can be found under comments.

Locating Specifications By Manufacturer – Engines are listed by; Make, cubic inch, Liter from smallest to largest. The number of cylinders is at the beginning of each section in the alphabetical listing section (i.e., four cylinder, six cylinder, eight cylinder, etc.). Note that extensive use of VIN codes has been made to insure that the proper specifications are listed.

Multiple VIN listings: Vehicle manufactures use the same VIN designation character for different engines, (i. e. **GM uses 1.6L VIN 6**) these engines that are manufactured by four different engine companies, Daewoo, Isuzu, Suzuki & Toyota. Others such as the Ford 5.0L VIN F have seven different records according to years used.

Those different records are necessary as engine specifications or castings changed significantly enough to warrant a different record.

Engine And/Or Equipment Specifications

Since many vehicle manufacturers will offer engines of other than their own manufacture, it may be necessary to refer to another section in the manual (i.e., **Saturn- see GM, Lincoln, Mercury - see Ford Motor Company**).

Year Produced and/or Used - when this data is applicable this column shows the production year, or years, when the engine is or was made and/or used by the manufacturer.

The year(s) data is also used to indicate variations in model years when an engine is, or was, used in differently named vehicles and/or equipment.

New Height - OE manufacturer's production cylinder head height (thickness)

Minimum Height - minimum recommended cylinder head height (thickness).

Intake Height - The installed intake valve stem height, the distance between the tip of the valve and the valve spring seat, is listed in this column. Where applicable the valve's recession or protrusion specification in relationship to the cylinder head deck surface is listed.

* If a different procedure for measuring is needed it will be noted.

Exhaust Height - The installed exhaust valve stem height, the distance between the tip of the valve and the valve spring seat, is listed in this column. Where applicable the valve's recession or protrusion specification in relationship to the cylinder head deck surface is listed.

* If a different procedure for measuring is needed it will be noted.

Intake Protrusion /Recession - The location of the intake valve head in relationship to the cylinder head deck surface. Protrusion (+) signifies that the valve is located **above** the deck surface. Recession (-) signifies that the valve is located **below** the deck surface.

Exhaust Protrusion / Recession - The location of the exhaust valve head in relationship to the cylinder head deck surface. Protrusion (+) signifies that the valve is located **above** the deck surface. Recession (-) signifies that the valve is located **below** the deck surface.

Head # - Cylinder head casting numbers.

Block # - Cylinder block casting numbers.

Variations in production practices, foundry sources and OEM running changes are quite common and it must not be assumed, nor guaranteed, that a casting number as listed is complete for all models shown.

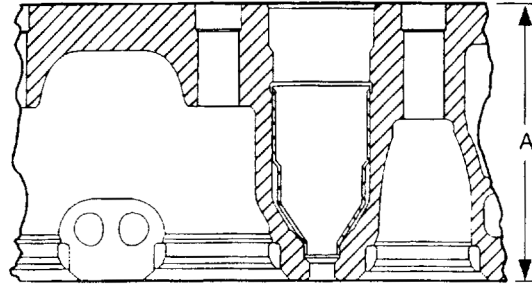
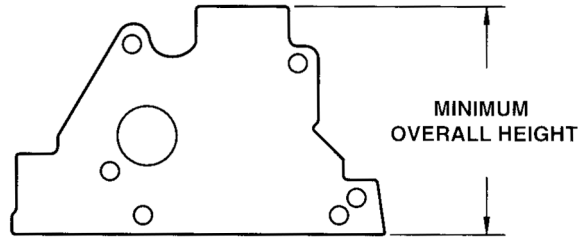
Do not attempt to use this manual as an interchange manual.

Some casting numbers may be extended by open spacing or other separating methods such as dots, dashes, etc. It is important to locate the complete number. In some General Motors cylinder heads or blocks, only the last significant digits are listed in the manual, whereas the component may show the same digits preceded by other markings or numbers.

Notes - Additional information about the cylinder head or block.

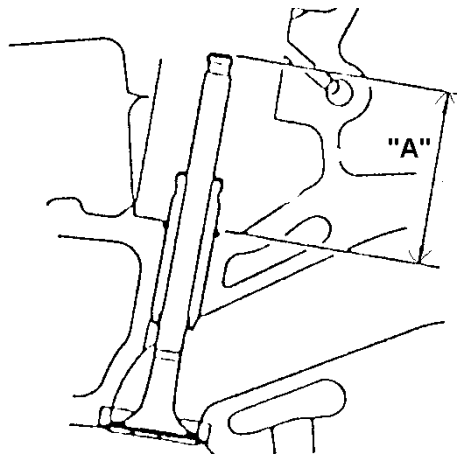
Comments - This last line of each listing may contain additional information about this engine.

Cylinder Head Measurements



New and Minimum cylinder head heights are checked as above.

When measuring head thickness it must be between two machined surfaces. Some cylinder heads are measured from a head bolt boss down to the deck surface. Although bolt boss measurement was correct for years, AERA members have reported that the OEM head bolt bosses have not remained a constant dimension. New cylinder heads like the GM NorthStar are measured from the deck surface to a gauge pad in combustion chamber. When you have a cylinder head height that does not measure correctly, you might have to check the combustion chamber volume. Filling up the combustion chamber and making sure the CC volume is correct for the engine you are working on.



Checking installed valve stem tip height.

Checking installed valve stem tip height measuring down to cylinder head spring seat.
Note: Some times the spring seat, valve spring shim or valve seal with spring shim built onto it must be used when checking it will be noted.

Quick Cubic Inch Displacement

.7854 X bore diameter X bore diameter X crankshaft stroke = cubic inches of one cylinder.

.7854 X 4.00 = 3.1416 X 4.00 = 12.57 X 3.484 = **43.79** cubic inches of one cylinder.

One cylinder containing 43.79 cubic inches X number of cylinders 8 = **350.32**

Quick Check Engine Compression Ratios

The calculation of an engine's compression ratio (C.R.) is based on the formula:

$$CR = \frac{SV + CV}{CV}$$

- S.V.** = **Swept Volume** for one cylinder in cc's.
= Bore X Bore X Stroke X 12.9
- C.V.** = **Clearance Volume** for one cylinder in cc's.
= H.V. minus E.D.V. plus D.V. plus G.V.
- H.V.** = **Head Volume** (published or measured in cc's)
= Best if measured because head volume varies.
- E.D.V.** = **Effective Dome Volume** (published or measured in cc's)
= Dome Volume minus valve relief and/or dish volume
- D.V.** = **Deck Volume** clearance (piston to deck) in cc's
= Bore X Bore X deck height X 12.9
- G.V.** = **Gasket Volume** in cc's
= Gasket bore X gasket bore X compressed thickness X 12.9
or enter known gasket volume.

All compression volume measurements are in cubic centimeters. (cc's)

Abbreviations & Symbols

AIR	air injection/thermactor ports
BC	barrel carburetor
BS	balance shaft
CC	cubic centimeters
CFI	central fuel injection
Cyl.	cylinder
DEFI	dual electronic fuel injection
DIA	diameter
DOHC	dual overhead camshaft
E	external
EFI	electronic fuel injection
EX	except
EXH	exhaust valve
FWD	front wheel drive
HD	heavy-duty
HP	horsepower
HYD	hydraulic
I	internal
INT	intake valve
IVSH	installed valve stem height
LP	liquid propane
MFI	multi-port fuel injection
N/	none or not
NA	not available
OHC	overhead camshaft
OHV	overhead valve
RWD	rear wheel drive
SOHC	single overhead camshaft
TBI	throttle body injection
VIN	vehicle identification number
VLV	valve
V/PRO	valve protrusion
V/REC	valve recession
W/	with
W/O	without

Manual de Cabeza de Cilindros y Bloque

Introducción

AERA reconoce y agradece el excelente apoyo de todos los miembros Activos y Asociados cuya colaboración se solicitó para la elaboración de este manual.

El manual fue preparado con la información mas reciente contenida y mantenida en los Programas (Software) de Especificaciones de Motores PROSIS de AERA. Toda la información contenida en el manual está disponible en un Disco Compacto (CD-ROM) para el uso en su taller. PROSIS asimismo vincula estas especificaciones con los Boletines Técnicos de AERA para así contar con una revisión sencilla de las actualizaciones y modificaciones de los productos y partes mas recientes.

La palabra PROSIS significa **Professional Shop Information System**.

PROSIS Especificaciones de Motores es una marca de AERA.

Información para Talleres de Rectificado

Identificación de la Cabeza del Cilindros y Bloque - Cuando la identidad exacta de una cabeza, bloque o determinado componente no se conozca, lo mejor es intentar primero ubicar un número o marca de identificación.

Por lo general aparece un número forjado o estampado en la cabeza de cilindros y bloque. Todos los números de fundición disponibles conocidos por AERA han sido listados en el manual.

Ciertas cabezas de cilindros o bloques no llevan un número forjado o fundición. Se sabe que el Fabricante de Equipo Original usa las mismas cabezas y bloques en diferentes aplicaciones. En estos casos, su identificación puede hacerse mediante insignias, marcas pintadas u otros distintivos contenidos en la propia cabeza de cilindros o bloque. Trate de identificar la cabeza de cilindros o bloque antes de limpiarlos, ya que algunas marcas pintadas pueden borrarse con este proceso. Refiérase a los comentarios en la sección de la Lista Alfabética por Fabricante del manual en relación con dicha identificación.

Localización de Especificaciones por Número de Fundición – Localice el número de identificación en la lista numérica de números de fundición. Los números conocidos de fundición para cabezas de cilindros pueden localizarse en la sección de cabezas de cilindros. Similarmente, números de fundición de bloque de cilindros pueden localizarse en la sección de bloque de cilindros de este manual. El fabricante de motores, el desplazamiento y las especificaciones correspondientes se detallan en la sección de Lista Alfabética.

Si aparece un asterisco (*) o (**) después del desplazamiento del motor, esto indica que la información adicional sobre la cabeza de cilindros o bloque puede localizarse en la sección de comentarios.

Localización de Especificaciones por Fabricante – Cada clase de motor se lista; por Fabricante, pulgada cúbica, Litros de menor a mayor. El número de cilindros esta localizada al comienzo de cada sección en la lista alfabética (p. ej., cuatro cilindros, seis cilindros, ocho cilindros, etc.). Nótese que el uso extenso de los códigos VIN (Número de Identificación de Vehículo) se ha hecho con el objeto de asegurar que las especificaciones apropiadas se encuentran listadas.

Listados Múltiples de VIN: En algunos casos los fabricantes de vehículos usan la misma carta de designación de VIN para los diversos motores, es decir los motores de GM 1.6L VIN 6 son fabricados por cuatro diversas compañías, Daewoo, Isuzu, Suzuki y Toyota. En otros casos como la Ford 5.0L VIN F tiene siete diversos registros según los años usados.

Esos diversos registros son necesarios pues las especificaciones o las forjas del motor cambiaron perceptiblemente lo suficiente para hacer necesario un expediente diferente.

Especificaciones de Motores y/o Equipo

En virtud de que muchos fabricantes de vehículos ofrecerán motores diversos a los de su propia manufactura, será necesario referirse a otra sección en el manual. Saturn – (ver GM, Lincoln, Mercury – ver Ford Motor Company).

Año de Producción y/o Uso – Cuando esta información es aplicable, esta columna muestra el año de producción, o bien el número de años cuando el motor haya sido hecho y/o usado por el fabricante. La información sobre el año(s) asimismo se utiliza para poder indicar las variaciones en los años del modelo cuando un motor este siendo o haya sido usado en vehículos y/o equipo de diferente denominación.

Nueva Altura – Cuando sea posible la altura (grosor) de la producción de la cabeza de cilindros del Fabricante de Equipo Original, se mencionara en esta columna.

Altura Mínima – La altura (grosor) mínima recomendada para la cabeza de cilindros.

Altura de Admisión – En esta columna se incluye la altura de los vástagos de válvula de admisión instalada, la distancia entre la punta de la válvula y el asiento del resorte de válvula. También se incluye, cuando así sea aplicable, la especificación de la recesión de la válvula en relación con la superficie de la cabeza de cilindros.

* Esto indicara si es necesario un procedimiento diferente de medición.

Altura de Salida/Escape - En esta columna se incluye la altura de los vástagos de válvula de escape instalada, la distancia entre la punta de la válvula y el asiento del resorte de válvula. También se incluye, cuando así sea aplicable, la especificación de la recesión de la válvula en relación con la superficie de la cabeza de cilindros.

* Esto indicara si es necesario un procedimiento diferente de medición.

Protuberancia / Recesión de Admisión – La localización de la cabeza de la válvula de admisión en relación con la superficie de la base de la cabeza de cilindros. Protuberancia (+) significa que la válvula esta ubicada en la parte **superior** de la superficie de la base. Recesión (-) significa que la válvula esta ubicada en la parte **inferior** de la superficie de la base.

Protuberancia / Recesión de Escape – La localización de la cabeza de la válvula de escape en relación con la superficie de la base de la cabeza de cilindros. Protuberancia (+) significa que la válvula esta ubicada en la parte **superior** de la superficie de la base. Recesión (-) significa que la válvula esta ubicada en la parte **inferior** de la superficie de la base.

de Cabeza – Números de fundición aplicables a la cabeza de cilindros.

de Bloque – Números de fundición aplicables al bloque de cilindros.

Debido a las variaciones en las practicas de producción de los talleres de fundición y los constantes cambios del OEM (Fabricante de Equipo Original) que son absolutamente comunes, no se puede asumir ni garantizar que el número de fundición, según conste, este efectivamente completo en todos los modelos que se muestran.

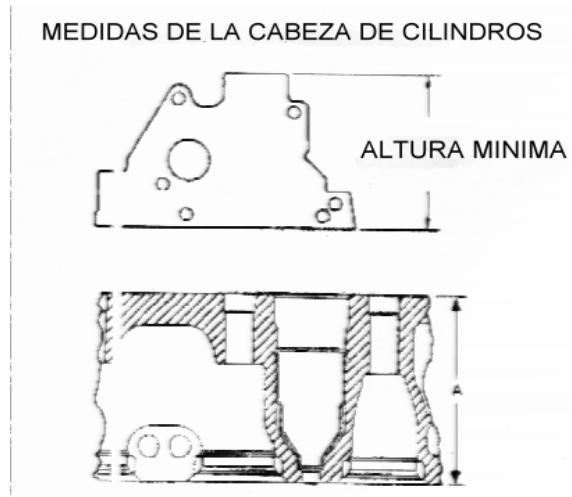
No intente utilizar este manual como manual de intercambio.

Algunos números de fundición que pueden ampliarse mediante expansión del espacio u otros métodos de separación tales como cuadros, guiones, etc.. Es importante localizar el número completo. En algunas cabezas o bloques de cilindros de General Motors, únicamente los últimos dígitos más importantes se incluyen en el manual considerando que el componente puede mostrar los mismos dígitos precedidos por otros símbolos o números.

Notas - Información adicional respecto de la cabeza o bloque de cilindros.

Comentarios – La ultima línea de cada lista puede contener información adicional sobre este motor.

Mediciones de la Cabeza de Cilindros



ALTURAS MINIMAS EN LAS CABEZAS NUEVAS, SE CHEQUEAN COMO SE INDICA EN LA PARTE DE ARRIBA.

Cuando medimos el espesor de la cabeza debemos hacerlo entre dos superficies maquinadas. Algunas cabezas son medidas desde el tornillo guía de la cabeza hacia abajo y hasta el tope del cojín calibrador.

Aunque medir las cabezas desde el tornillo guía fue correcto por años, los miembros de AERA han reportado que los tornillos guía de equipo original no han permanecido con las mismas dimensiones. Las nuevas cabezas de cilindros como las del Northstar de GM deben medirse desde la superficie de la tapa hasta el cojín calibrador en la cámara de combustión.

Cuando usted tiene una cabeza de cilindros que no tiene la medida correcta, se tendrá forzosamente que medir el volumen de la cámara de combustión. Llenando la cámara de combustión para asegurarse que los C.C. son los correctos para el motor que esta usted trabajando.



Verificando la altura del vástago con las válvulas instaladas, desde la punta hacia abajo, hasta la base donde asienta el resorte de la válvula.

Nota: Algunas veces el asiento del resorte, el aumento del resorte (calza), o los sellos de válvula con calza integrada son utilizados y podemos notarlo al hacer la verificación.

Cálculo Rápido del Desplazamiento en Pulgadas Cúbicas

.7854 X diámetro del cilindro X diámetro del cilindro X carrera del cigüeñal = pulgadas cúbicas de un cilindro.

.7854 X 4.00 = 3.1416 X 4.00 = 12.57 X 3.484 = **43.79** pulgadas cúbicas de un cilindro.

Un cilindro con 43.79 pulgadas cúbicas X el número de cilindros 8 = **350.32**

Cálculo Rápido de la Relación de Compresión

El Cálculo de la relación de compresión de un motor se basa en la fórmula:

$$CR = \frac{SV + CV}{CV}$$

- S.V.** = **Volumen de Barrido** (cilindrada para un cilindro en c.c.).
= Diámetro X Diámetro X Carrera X 12.9
- C.V.** = **Volumen de la Distancia Libre** del cilindro en c.c.
= H.V. menos E.D.V. mas D.V. mas G.V.
- H.V.** = **Volumen de la Cabeza** (publicado o medido en c.c.)
= Es mejor medir, porque varia el volumen de la cabeza.
- E.D.V.** = **Volumen Efectivo del Domo** (publicado o medido en c.c.)
= Volumen del Domo menos el relieve de la válvula y/o el volumen del Plato.
- D.V.** = **Volumen del (Techo) Tope**, (espacio del pistón al tope en c.c.)
= Diámetro X Diámetro X Altura del Techo X 12.9
- G.V.** = **Volumen de la Junta (Empaque)** en c.c.
= Diámetro de la junta X Diámetro de la Junta X el Espesor Comprimido X 12.9 o introducir el volumen conocido de la junta.

Todas las medidas de volumen de compresión son en centímetros cúbicos. (c.c.)

Abbreviations & Symbols

Símbolos y Abreviaciones

AIR	Air Injection/Thermactor Parts / Inyección de Aire / Entrada del Termactor
BC	Barrel Carburetor / Garganta del Carburador
BS	Balance Shaft / Arbol Balanceador
CC	Cubic Centimeters / Centímetros Cúbicos
CFI	Central Fuel Injection / Inyección de Combustible Central
Cyl	Cylinder / Cilindro
DEFI	Dual Electronic Fuel Injection / Doble Inyección Electrónica de Combustible
DIA	Diameter / Diámetro
DOHC	Dual Overhead Camshaft / Doble Arbol de Levas en la Cabeza
E	External
EFI	Electronic Fuel Injection / Inyección Electrónica de Combustible
EX	Except / Excepto
EXH	Exhaust Valve / Válvula de Escape
FWD	Front Wheel Drive / Tracción Delantera
HD	Heavy-Duty / Servicio Pesado
HP	Horsepower / Caballos de Fuerza
HYD	Hydraulic / Hidráulico
I	Internal
INT	Intake Valve / Válvula de Admisión
IVSH	Installed Valve Stem Height / Altura del Vástago con la Válvula Instalada
LP	Liquid Propane / Propano Líquido
MFI	Multi-Port Fuel Injection / Inyección Múltiple de Combustible
N/	None or Not / Ninguno o No
N/A	Not Available / No Disponible
OHC	Overhead Camshaft / Arbol de Levas en la Cabeza
OHV	Overhead Valve / Válvulas en la Cabeza
RWD	Rear Wheel Drive / Tracción Trasera
SOHC	Single Overhead Camshaft / Un Arbol en la Cabeza
TBI	Throttle Body Injection / Acelerador de Inyección de Combustible
VIN	Vehicle Identification Number / Número de Identificación Vehicular
VLV	Valve
V/PRO	Valve Protrusion / Protuberancia de la Válvula
V/REC	Valve Recession / Recesión de la Válvula
W/	With / Con
W/O	Without / Sin

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Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
ACURA			4 Cylinders			
ACURA	1.6	97	D16A1	INTEGRA	86-89	D16A1
New Height:	5.1950-5.2000" (131.953-132.08 MM)			Min Height:	5.1900" (131.826 MM)	
Intake Hgt:	1.8030-1.8330" (45.796-46.558 MM) *			Exhaust Hgt:	1.7720-1.8020" (45.009-45.771 MM) *	
Casting Numbers:	Head #:321, HM8					
Notes:	DOHC, MPI					
Comments:	* I/S/H 1988-89:I=1.2680-1.2990 E=1.2520-1.2830					
ACURA	1.7	104	B17A1	INTEGRA	92-93	B17A1
New Height:	5.589-5.593" (141.961-142.062 MM)			Exhaust Hgt:	1.4632-1.4817" (37.165-37.635 MM) *	
Intake Hgt:	1.4750-1.4935" (37.465-37.935 MM) *					
Casting Numbers:	Head #:TR3-2					
Notes:	DOHC, MPI, 1678 CC, 160 HP, ALSO VIGOR					
Comments:	* MAX INSTALLED STEM HGT: I=1.5033", E=1.4915"					
ACURA	1.8	110	B18B1	INTEGRA	94-01	B18B1
New Height:	5.195-5.199" (131.953-132.055 MM)			Min Height:	5.187" (131.75 MM)	
Intake Hgt:	1.6049-1.6234" * (40.764-41.234 MM)			Exhaust Hgt:	1.6837-1.7022" * (42.766-43.236 MM)	
Notes:	DOHC, SFI, USES TIGHTER INTAKE LASH					
Comments:	* I/S/H MEASURED FROM BASE OF GUIDE-TIP OF STEM ** USES TIGHTER INTAKE LASH THAN B18A1, B18C1, B18C5 ENGINES					
ACURA	1.8	110	B18C1	INTEGRA	94-00	B18C1
New Height:	5.589-5.593" (141.961-142.062 MM)			Min Height:	5.581" (141.757 MM)	
Intake Hgt:	1.4750-1.4935" * (37.465-37.935 MM)			Exhaust Hgt:	1.4632-1.4817" * (37.165-37.635 MM)	
Notes:	DOHC, VTEC, SFI, 1797 CC, GSR, 170 HP					
Comments:	* MEASURE FROM BASE OF VALVE GUIDE-TIP OF VALVE STEM.					
ACURA	1.8	110	B18C5	INTEGRA	97-03	B18C5
New Height:	5.589-5.593" (141.960-142.060 MM)			Min Height:	5.581" (141.757 MM)	
Intake Hgt:	1.4750-1.4935" (37.465-37.395 MM)			Exhaust Hgt:	1.4632-1.4817" (37.165-37.635 MM)	
Notes:	DOHC, VTEC, SPI, INTEGRA					
ACURA	1.8	112	B18A1	INTEGRA	90-94	B18A1
New Height:	5.1948-5.1988" (131.948-132.05 MM)			Min Height:	5.1868" (131.745 MM)	
Intake Hgt:	1.6050-1.6230" (40.767-41.224 MM)			Exhaust Hgt:	1.6840-1.7020" (42.774-43.231 MM)	
Casting Numbers:	Head #:PR4-2, PR4-4, PR4-5, PR4Y					
Notes:	DOHC, MPI, 1834 CC, 130 HP					
Comments:	*1990 INSTALLED HT W/OUT SPRNG SEAT *1990 VLV LENGTH: I=4.146-4.157 E=4.165-4.177					
ACURA	2.0	122		RSX	02-03	K20A2
New Height:	4.0925-4.0964" (103.950-104.050 MM)			Min Height:	4.088" (103.835 MM)	
Intake Hgt:	1.6063-1.6142" (40.800-41.000 MM)			Exhaust Hgt:	2.1496-2.1575" (54.600-54.800 MM)	
Notes:	DOHC, VTEC, PGM-FI					
ACURA			5 Cylinders			
ACURA	2.5	149	G25A4		95-98	G25A4
New Height:	3.935-3.939" (99.949-100.051 MM)			Min Height:	3.927" (99.746 MM)	
Intake Hgt:	1.9191-1.9376" (48.745-49.215 MM)			Exhaust Hgt:	2.0203-2.0380" (51.316-51.765 MM)	
Notes:	PGM-FI, 2.5TL					
ACURA	2.5	150	G25A1	VIGOR	92-94	G25A1
Intake Hgt:	1.969", MAX 1.998"			Exhaust Hgt:	1.870", MAX 1.900"	
Notes:	SOHC, MFI					
Comments:	* SPRING RE-USE IS BASED ON FREE LENGTH AND STEM HEIGHT MAX WEAR					
ACURA			6 Cylinders			
ACURA	2.5	151	C25A1	LEGEND	86-87	C25A1
New Height:	5.2362" (132.999 MM) *			Min Height:	5.2282" (132.796 MM) *	
Intake Hgt:	1.9690-1.9980" (50.013-50.749 MM)			Exhaust Hgt:	1.8700-1.9000" (47.498-48.260 MM)	
Casting Numbers:	Head #:CA25					
Notes:	DOHC, MFI, STERLING					
Comments:	* MEASURED FROM THE BOTTOM OF THE CAM BORE-DECK ** 1986 VALVE LENGTH: I=4.062-4.085, E=4.144-4.167					
ACURA	2.7	163	C27A1	LEGEND	87-90	C27A1
New Height:	5.2362" (132.999 MM) *			Min Height:	5.2282" (132.796 MM) *	
Intake Hgt:	1.9690-1.9820" (50.013-50.343 MM)			Exhaust Hgt:	1.8700-1.8840" (47.498-47.854 MM)	
Notes:	DOHC, MFI, 24 VALVE ENGINE					
Comments:	* MEASURED FROM THE CENTER OF CAM BORE TO DECK ** VALVE LENGTH 1987: I=4.100-4.124 E=4.183-4.207					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model		
ACURA						6 Cylinders (cont.)		
ACURA	3.0	182	C30A1	NSX	91-95	C30A1		
					Min Height:	.008" MAX REMOVE (.203 MM)		
Casting Numbers: Head #:HF1, PR7F								
Notes: DOHC, MFI								
ACURA	3.2	193	V	SLX	96-98			
New Height:		4.126" (104.8 MM)		Min Height:		4.118" (104.597 MM)		
Intake Hgt:		1.687" MAX (42.85 MM) *		Exhaust Hgt:		1.687" MAX (42.85 MM) *		
Notes: SOHC, SFI								
Comments: * WITH NEW VALVE INSTALLED. REPLACE VALVE SEAT IF GREATER THAN SPECIFICATION.								
ACURA	3.2	193	W	SLX	96-99			
New Height:		5.413" (137.49 MM)		Min Height:		5.405" (137.287 MM)		
Intake Hgt:		1.756" (44.602 MM) *		Exhaust Hgt:		1.757" (44.628 MM) *		
Notes: DOHC, SFI								
Comments: * WITH NEW VALVE INSTALLED. REPLACE VALVE SEAT IF GREATER THAN SPECIFICATION.								
ACURA	3.2	196	C32A1	LEGEND	91-96	C32A1		
New Height:				3.935-3.939" (99.949-100.051 MM)		Min Height:	3.9270" (99.746 MM)	
Intake Hgt:				1.8478-1.8651" (46.934-47.374 MM)		Exhaust Hgt:		1.8852-1.9045" (47.884-48.374 MM)
Notes: SOHC, MFI								
Comments: *VALVE SPRING FREE LENGTH: COUPE & GS, INTAKE = 1.935" & EXHAUST = 1.975" **COUPE & GS INTAKE HEAD DIAMETER = 1.335-1.343"								
ACURA	3.2	196	C32A6		96-99	C32A6		
New Height:				3.935-3.939" (99.949-100.051 MM)		Min Height:		3.927" (99.746 MM)
Intake Hgt:				1.8478-1.8652" (46.934-47.376 MM)		Exhaust Hgt:		1.8852-1.9045" (47.884-48.374 MM)
Notes: SFI, 3.2TL								
ACURA	3.2	196	J32A3	TL	01-05	J32A3		
New Height:				4.762-4.766" (120.950-121.050 MM)		Exhaust Hgt:		1.838-1.869" (46.680-47.480 MM)
Intake Hgt:				1.841-1.872" (46.750-47.550 MM)				
Notes: SOHC, 60r V6, VTEC								
ACURA	3.5	211	C35A1		96-98	C35A1		
New Height:				3.935-3.939" (99.949-100.051 MM)		Min Height:		3.927" (99.746 MM)
Intake Hgt:				1.8478-1.8671" (46.934-47.424 MM)		Exhaust Hgt:		1.8852-1.9045" (47.884-48.374 MM)
Notes: SFI, 3.5RL								
ACURA	3.5	214	X	SLX	98-01			
New Height:		5.236" (133.000 MM)		Exhaust Hgt:		1.553" MAX (39.450 MM) *		
Intake Hgt:		1.554" MAX (39.470 MM) *						
Notes: DOHC, SFI, SLX								
Comments: * WITH NEW VALVE INSTALLED, REPLACE VALVE SEAT IF GREATER THAN SPECIFICATION.								
ALFA ROMEO						4 Cylinders		
ALFA ROMEO	1.8	110			69-71			
					Min Height:	4.390" (111.506 MM)		
Intake Hgt:		1.630" (41.402 MM) REPORTED		Exhaust Hgt:		1.630" (41.402 MM) REPORTED		
Notes: DOHC								
ALFA ROMEO	2.0	119	116	SPIDER	85-88			
					Min Height:	4.390" (111.506 MM)		
Intake Hgt:		1.630" (41.402 MM) *		Exhaust Hgt:		1.630" (41.402 MM) *		
Casting Numbers: Head #:1261316								
Notes: DOHC 2000 SPIDER								
Comments: * REPORTED								
ALFA ROMEO						6 Cylinders		
ALFA ROMEO	2.5	152	119	MILANO	81-89			
					Min Height:	4.900" (124.46 MM) *		
Notes: MILANO, GT								
Comments: * MEASURED AT THE CAMSHAFT CENTERLINE-THE DECK.								
ALFA ROMEO	3.0	181	164	MILANO	88-89			
New Height:		4.9272" (125.150 MM)		Min Height:		4.9153" (124.849 MM) *		
Intake Hgt:		1.500" REPORTED (38.1 MM)		Exhaust Hgt:		1.495" REPORTED (37.973 MM)		
Casting Numbers: Head #:2D								
Notes: MILANO, GT								
Comments: * MEASURED AT THE CAMSHAFT CENTERLINE-DECK								

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
ALLIS CHALMERS				2 Cylinders		
ALLIS CHALMERS	1.3	77	S126	5020		S126
Intake Pro / Rec: .016-.020" V/REC (.406-.508 MM)			Exhaust Pro / Rec: .016-.020" V/REC (.406-.508 MM)			
Notes: TOYOSHA S126 DIESEL, MODEL 5020						
ALLIS CHALMERS	1.5	90	S148	5030		S148
Intake Pro / Rec: .016-.020" V/REC (.406-.508 MM)			Exhaust Pro / Rec: .016-.020" V/REC (.406-.508 MM)			
Notes: TOYOSHA S148 DIESEL, MODEL 5030						
ALLIS CHALMERS				3 Cylinders		
ALLIS CHALMERS	2.3	143		5040		
New Height: 3.6220" (91.999 MM)			Min Height: 3.6020" (91.491 MM)			
Intake Pro / Rec: .030-.040" V/REC (.762-1.016 MM)			Exhaust Pro / Rec: .030-.040" V/REC (.762-1.016 MM)			
Notes: 5040 TRACTOR, FIAT DIESEL, ALSO MINN MOLINE						
ALLIS CHALMERS	2.3	143		D15	82-85	D15
Intake Pro / Rec: .030-.040 V/REC" (.762-1.016 MM)			Exhaust Pro / Rec: .030-.040 V/REC" (.762-1.016 MM)			
Notes: Head #:4682986 FIAT DIESEL						
ALLIS CHALMERS	2.5	152	D	160		152
New Height: 2.9850-3.0150" (75.819-76.581 MM)			Min Height: 2.9730" (75.514 MM)			
Intake Pro / Rec: .052-.064" V/REC (1.321-1.626 MM)			Exhaust Pro / Rec: .063-.076" V/REC (1.6-1.93 MM)			
Notes: Head #:37116140, 37116180, 3711618A/5, 3711640, 3711680/3 PERKINS D3.152 DIESEL, 160 TRACTOR						
ALLIS CHALMERS	2.6	158		5045		
New Height: 3.6220" (91.999 MM)			Min Height: 3.6020" (91.491 MM)			
Intake Pro / Rec: .030-.040" V/REC (.762-1.016 MM)			Exhaust Pro / Rec: .030-.040" V/REC (.762-1.016 MM)			
Notes: 5045 + 5050 TRACTOR, FIAT DIESEL						
ALLIS CHALMERS				4 Cylinders		
ALLIS CHALMERS	2.4	149	D15	D15		D15
Intake Pro / Rec: .031" MIN V/REC (.787 MM)			Exhaust Pro / Rec: .042" MIN V/REC (1.067 MM)			
Notes: Head #:AM4367, AM5253, AM5253-1, AM5481 D-15 GAS TRACTOR						
ALLIS CHALMERS	2.5	153	D	153		153
New Height: 3.750" REPORTED (95.25 MM)			Exhaust Hgt: 1.9850" REPORTED (50.419 MM)			
Intake Hgt: 2.0000" REPORTED (50.8 MM)						
ALLIS CHALMERS	2.5	153	G	153		153
Intake Pro / Rec: .120" MAX V/PRO (3.048 MM)			Exhaust Pro / Rec: .120" MAX V/PRO (3.048 MM)			
Notes: Head #:4516676, 4516678, 800257 Block #: 4516683 FORKLIFT, TRACTOR						
ALLIS CHALMERS	3.3	200		443		443T
New Height: 3.5650-3.5750" (90.551-90.805 MM)			Exhaust Pro / Rec: .0345" MIN V/REC (.876 MM)			
Intake Pro / Rec: .0485" MIN V/REC (1.232 MM)						
Notes: Head #:4020083, 4020168 443T DIESEL						
ALLIS CHALMERS	3.3	200		HD4		
New Height: 3.5750" (90.805 MM)			Exhaust Pro / Rec: .049-.080" V/REC (1.245-2.032 MM)			
Intake Pro / Rec: .035-.062" V/REC (.889-1.575 MM)						
Notes: Head #:4336488 BORE 4.000" X STROKE 4.000" HD-4						
ALLIS CHALMERS	3.3	200	D	6060		433T
New Height: 3.575" (90.805 MM)			Exhaust Pro / Rec: .046" MIN V/REC (1.168 MM)			
Intake Pro / Rec: .035" MIN V/REC (.889 MM)						
Notes: 6060, 6070, & 4331 6080 TRACTOR, F2 COMBINE Comments: *MEASURED FROM BOTTOM OF SPRING SEAT COUNTERBORE						
ALLIS CHALMERS	3.7	226	G	D17	54-57	D17 SERIES IV
New Height: 3.8150" (96.901 MM)			Exhaust Pro / Rec: +.060" (1.524 MM)			
Intake Hgt: 2.000" (50.8 MM) *						
Intake Pro / Rec: +.060" (1.524 MM)						
Notes: Head #:AM3820-13, AM4472, AM4659 GAS, D17 SERIES IV TRACTOR Comments: *REPORTED **REPLACE IF SHORTER THAN 2.250"						

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
ALLIS CHALMERS				4 Cylinders		(cont.)
ALLIS CHALMERS	3.9	236		170 & 175		
New Height:	4.0475" (102.807 MM)			Min Height:	4.0355" (102.502 MM)	
Notes:	DIESEL, PERKINS, MODEL 170 & 175					
ALLIS CHALMERS	5.6	344		6000		HD6
Min Height:				4.230" (107.442 MM)		
Casting Numbers:	Head #:4339814, 4349890, 4839614 Block #: 434988					
Notes:	HD-6					
ALLIS CHALMERS	5.6	344	HD	HD6		HD6
New Height:	4.2160" (107.086 MM)					
Intake Pro / Rec:	MUST BE BELOW					
Casting Numbers:	Head #:4249890, 4339614, 4339814, 4348398, 4348887, 4349890, 4349897, 4839614 Block #: 4338680, 434988					
Notes:	HD-6 DIESEL					
ALLIS CHALMERS				6 Cylinders		
ALLIS CHALMERS	4.3	262		D19		D-19 DIESEL
New Height:	3.5650-3.5750" (90.551-90.805 MM)					
Intake Pro / Rec:	.035" MIN V/REC (.889 MM)			Exhaust Pro / Rec:	.049" MIN V/REC (1.245 MM)	
Casting Numbers:	Head #:4020168, 4507716, 4516673, 4516681 Block #: 4508909					
Notes:	D-19 DIESEL TRACTOR					
ALLIS CHALMERS	4.3	262	D	D17		D17 & D19
New Height:	3.770-3.790" (95.758-96.266 MM) REPORTED #					
Intake Pro / Rec:	.015 - .031" PRO			Exhaust Pro / Rec:	.947-.949" REC	
Casting Numbers:	Head #:4505172, 4507716, 4512284, 4512884, 4514282, 4514790, 4516673, 4516681 Block #: 4508909					
Notes:	DIESEL, D17 & D19 TRACTOR					
Comments:	* 45° & .047-.062 SEAT WIDTH BEFORE SERIAL #119937*SEAT WIDTH=.047-.062 IF ANGLE IS 45°					
ALLIS CHALMERS	4.3	265	G	2500		
Intake Pro / Rec:	.034" V/REC (.864 MM)			Exhaust Pro / Rec:	.048" V/REC (1.219 MM)	
Casting Numbers:	Head #:4020180, 4021858					
Notes:	GAS, 180, 185, 190 TRACTOR					
ALLIS CHALMERS	4.9	301	D	180		2800
New Height:	3.5750" (90.805 MM)			Min Height:	3.555" (90.297 MM)	
Intake Pro / Rec:	.035" MIN V/REC (.889 MM)			Exhaust Pro / Rec:	.049" MIN V/REC (1.245 MM)	
Casting Numbers:	Head #:4006933, 4006938, 4008086, 4008087, 4012854, 4020083, 4020180, 4020683, 4020728, 402185, 4021854, 4021855, 4023884, 402389, 4023894 Block #: 4006955					
Notes:	2800 DIESEL, 180, 185, & 190 TRACTORS					
ALLIS CHALMERS	4.9	301	D	200		2900
New Height:	3.5650-3.5750" (90.551-90.805 MM)			Min Height:	3.555" (90.297 MM)	
Intake Pro / Rec:	.034" MIN V/REC (.864 MM)			Exhaust Pro / Rec:	.048" MIN V/REC (1.219 MM)	
Casting Numbers:	Head #:4006933, 4006938, 4008086, 4008087, 4012854, 4013469, 4020083, 4020728, 4021854, 4023469, 4023894 Block #: 4006955					
Notes:	2900 DIESEL, 200 & 7000 TRACTOR					
ALLIS CHALMERS	4.9	301	D	7010		649T
New Height:	3.565-3.575" (90.551-90.805 MM)					
Intake Pro / Rec:	.035" MIN V/REC (.889 MM)			Exhaust Pro / Rec:	.049" MIN V/REC (1.245 MM)	
Casting Numbers:	Head #:4006933, 4008087, 4023469 Block #: 400695506					
Notes:	TURBO DIESEL, 545B LOADER, MODEL 7010, 7020, 8010, 649I					
ALLIS CHALMERS	4.9	301	G	190XT		2800
Intake Pro / Rec:	.034" MIN V/REC (.864 MM)			Exhaust Pro / Rec:	.048" MIN V/REC (1.219 MM)	
Casting Numbers:	Head #:4020157, 4020158, 4020417, 402154, 4021855, 4021857, 4023894					
Notes:	G2800XT GAS, 190XT TRACTOR					
Comments:	* GUIDE HGT=DISTANCE FROM VALVE SPG COUNTERBORE TOTOP OF VALVE GUIDE.					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
ALLIS CHALMERS				6 Cylinders (cont.)		
ALLIS CHALMERS	7.0	426		3400	70-85	D21 SERIES II
New Height:	3.5650-3.5750" (90.551-90.805 MM)			Min Height:	3.555" (90.297 MM)	
Intake Pro / Rec:	.034" V/REC (.864 MM)			Exhaust Pro / Rec:	.046" V/REC (1.168 MM)	
Castings Numbers:	Head #:4025531, 4026227, 4026277, 4028163, 4028618, 4029163, 4035246, 4035246, 4035249, 4036628, 4036656, 4036658, 40960, AC 96035 Block #: 4029728					
Notes:	3400, 3500 DIESEL, D21 SERIES II, 210 & 220					
Comments:	7030-7080 TRACTORS					
ALLIS CHALMERS	7.0	426	D	3400	70-85	670T
New Height:	3.5650-3.5750" (90.551-90.805 MM)					
Intake Pro / Rec:	.054-.068" V/REC (1.372-1.727 MM)			Exhaust Pro / Rec:	.053-.069" V/REC (1.346-1.753 MM)	
Castings Numbers:	Head #:4025531, 4026227, 4028618, 4029163, 4035246, 4035249, 4036628, 4036656, 4036658, 40960, AC 96035 Block #: 4029728					
Notes:	3400,3500 MARK II,670T,3700,3750 MARKII,7030, 7080					
ALLIS CHALMERS	7.0	426	D-21	D21	70-70	D21
New Height:	3.5650-3.5750" (90.551-90.805 MM)					
Intake Pro / Rec:	.054-.068" V/REC (1.372-1.727 MM)			Exhaust Pro / Rec:	.053-.069" V/REC (1.346-1.753 MM)	
Castings Numbers:	Head #:4026227, 4026277, 4035249, 4036628, 4036656, 4036658, 40960, AC 96035 Block #: 4029728					
Notes:	D-21 DIESEL					
Comments:	7030-7080 TRACTORS					
ALLIS CHALMERS	7.0	426	I	8030		670I & 670T
New Height:	3.5650-3.5750" (90.551-90.805 MM)			Min Height:	N/A	
Intake Pro / Rec:	.051-.069" V/REC (1.295-1.753 MM)			Exhaust Pro / Rec:	.050-.069" V/REC (1.27-1.753 MM)	
Notes:	670I/670T DIESEL, 8030, 8050, 8070 SERIES TRACTORS					
ALLIS CHALMERS	8.5	516		10000		10000
New Height:	4.250" (107.95 MM)			Min Height:	4.2300" (107.442 MM)	
Intake Pro / Rec:	.043-.066" V/REC (1.092-1.676 MM)			Exhaust Pro / Rec:	.057-.081" V/REC (1.448-2.057 MM)	
ALLIS CHALMERS	8.5	516		11000		11000
New Height:	4.2500" (107.95 MM)			Min Height:	NOT SUPPLIED BY A/C	
Intake Pro / Rec:	.043-.066" V/REC (1.092-1.676 MM)			Exhaust Pro / Rec:	.057-.081" V/REC (1.448-2.057 MM)	
Castings Numbers:	Head #:4659374, 4659874 Block #: 4321957, 4359375					
Notes:	11000 DIESEL					
ALLIS CHALMERS	8.5	516		11000		HD11
New Height:	4.2500" (107.95 MM)			Min Height:	4.2300" (107.442 MM)	
Intake Pro / Rec:	.046" MIN V/REC (1.168 MM)			Exhaust Pro / Rec:	.059" MIN V/REC (1.499 MM)	
Castings Numbers:	Head #:4336488, 4336501, 4338544, 4339544, 4347782, 4358674, 4359374 Block #: 4339611					
Notes:	HD-11, 11000 DIESEL					
Comments:	* LATER ENGINES WITH COARSE THREADS ON CAPSCREWS =1/2 = 115 FT/LBS, 5/8" = 185 FT/LBS.					
ALLIS CHALMERS	8.5	516		745HB		685
New Height:	4.2470-4.2500" (107.870-1.7.950 MM)			Min Height:	4.2300" (107.442 MM)	
Intake Pro / Rec:	.043-.067" V/REC (1.090-1.700 MM)			Exhaust Pro / Rec:	.057-.082" V/REC (1.450-2.080 MM)	
Notes:	DIESEL, 745HB TRACTOR, HD11EP CRAWLER					
ALLIS CHALMERS	10.2	624		HD11		HD11
Intake Pro / Rec:	.046" MIN V/REC (1.168 MM)			Exhaust Pro / Rec:	.059" MIN V/REC (1.499 MM)	
Castings Numbers:	Head #:4336501, 4338544, 4339544, 4347782, 4359374, 4659875 Block #: 4339611, 4359375					
Notes:	HD-11					
ALLIS CHALMERS	12.0	731		6120T		6120T
Intake Pro / Rec:	.060-.079" V/REC (1.524-2.007 MM)			Exhaust Pro / Rec:	.060-.079" V/REC (1.524-2.007 MM)	
Castings Numbers:	Head #:4394445					
Notes:	MODEL 8550 DIESEL					
Comments:	*SPRING WITH DAMPER					
ALLIS CHALMERS	13.1	799		19000		19000 MKII
New Height:	4.250" (107.95 MM)					
Intake Pro / Rec:	.043-.066" V/REC" (1.092-1.676 MM)			Exhaust Pro / Rec:	.057-.081" V/REC" (1.448-2.057 MM)	
Notes:	MKII, FIAT ALLIS					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
ALLIS CHALMERS				6 Cylinders		(cont.)
ALLIS CHALMERS	13.8	844		16000T		16000T, 17000
New Height:	5.0000" (127. MM)			Min Height:	4.9600" (125.984 MM)	
Intake Pro / Rec:	.060-.079" V/REC (1.524-2.007 MM)			Exhaust Pro / Rec:	.060-.079" V/REC (1.524-2.007 MM)	
Castings Numbers:	Head #:4368419, 4368469, 4371837, 4378909, 4380003, 4385712, 4386794, 4386797, 4387482, 4389909, 61534					
Notes:	16000T, 17000 MKII, 4 VALVE HEAD					
Comments:	*SPRING W/OUT DAMPNER			SPRING FREE LENGTH 2.150-2.200"		
ALLIS CHALMERS	13.8	844		21000		21000 MKII
New Height:	5.0000" (127.000 MM)			Min Height:	4.9400" (125.476 MM)	
Intake Pro / Rec:	.060-.079" V/REC (1.524-2.007 MM)			Exhaust Pro / Rec:	.060-.079" V/REC (1.524-2.007 MM)	
Castings Numbers:	Head #:4371837, 4378909, 4389909, 4393570					
Notes:	MKII, FIAT ALLIS					
ALLIS CHALMERS	13.8	844		25000		25000 MKII
New Height:	5.0000" (127. MM)			Min Height:	4.9600" (125.984 MM)	
Intake Pro / Rec:	.060-.079" V/REC (1.524-2.007 MM)			Exhaust Pro / Rec:	.060-.079" V/REC (1.524-2.007 MM)	
Castings Numbers:	Head #:4371837, 4378909, 4389909					
Notes:	LARGE DIESEL, MKII, FIAT ALLIS					
ALLIS CHALMERS	13.8	844		6138T		262B
Intake Pro / Rec:	.060-.079"V/REC (1.524-2.007 MM)			Exhaust Pro / Rec:	.060-.079" V/REC (1.524-2.007 MM)	
Notes:	262B SCRAPPER, 21C					
Comments:	*SPRING WITH DAMPER					
AUDI				4 Cylinders		
AUDI	1.5	90	XV			73-74
Notes:	EFI, XW, XY, XZ, ZD, ZE					
AUDI	1.6	97	YG			75-80
New Height:	5.2150-5.2300" (132.461-132.842 MM)			Min Height:	5.2050" (132.207 MM)	
Notes:	EFI, YH, YK, YM					
AUDI	1.7	105				81-83
New Height:	5.2150-5.2300" (132.461-132.842 MM)			Min Height:	5.2050" (132.207 MM)	
Intake Hgt:	1.4750-1.4950" (37.465-37.973 MM)			Exhaust Hgt:	1.4750-1.4950" (37.465-37.973 MM)	
Castings Numbers:	Head #:049103373, 055103373, 5240402, 5240403, 5240476, 5240835, 5249835 Block #: 049103210, 4910321D, 4910321H					
Notes:	EFI, VW ENGINE, WATER COOLED					
AUDI	1.8	109	AEB		96-03	AEB
New Height:	5.4823" (139.250 MM)			Min Height:	***	
Intake Hgt:	OUTER 1.322-1.338", * CENTER 1.311-1.326**			Exhaust Hgt:	1.338-1.354" **	
Intake Pro / Rec:	3 INTAKES PER CYLINDER			Exhaust Pro / Rec:	2 EXHAUST PER CYLINDER	
Castings Numbers:	Head #:958103373A					
Notes:	DOHC, TURBO, 5 VALVE PER CHAMBER					
Comments:	* VALVE TIP TO SPRING SEAT 1.610-1.635" REPORTED ** VALVE TIP TO SPRING SEAT 1.475-1.485" REPORTED *** DO NOT START ENGINE FOR 30 MINUTES AND ROTATE ENGINE BY HAND BEFORE STARTING.					
AUDI	1.8	109	JN	4000 SERIES		84
New Height:	5.2150-5.2300" (132.461-132.842 MM)			Min Height:	5.2050" (132.207 MM)	
Notes:	EFI GAS, 4000S					
AUDI	1.8	109	MG			85-87
New Height:	5.2150-5.2300" (132.461-132.842 MM)			Min Height:	5.2050" (132.207 MM)	
Intake Hgt:	1.331" (33.807 MM) *			Exhaust Hgt:	1.343" (34.112 MM) *	
Notes:	MFI, GAS					
Comments:	* MEASURED FROM CAM COVER RAIL-VALVE TIP					
AUDI	1.8	112				84-87
New Height:	5.236" (132.994 MM)			Min Height:	5.220" (132.588 MM)	
Intake Hgt:	1.331" MIN (33.807 MM) *			Exhaust Hgt:	1.343" MIN (34.112 MM) *	
Castings Numbers:	Head #:026103373G					
Notes:	SOHC					
Comments:	8 VALVE HEAD, * I/S/H IS MEASURED FROM VALVE COVER RAIL-V/TIPCONVENTIONAL METHOD OF MEASURING = 1.480" FOR HYD LIFTER HEADS.					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
AUDI						4 Cylinders (cont.)
AUDI	1.8	112	DOHC			86-88
New Height:	4.6600" (118.364 MM) *			Min Height:	4.6500" (118.11 MM) *	
Intake Hgt:	1.5130-1.5430" (38.43-39.192 MM)			Exhaust Hgt:	1.5130-1.5430" (38.43-39.192 MM)	
Casting Numbers:	Head #:027103373E					
Notes:	DOHC					
Comments:	* MEASURED FROM DECK-HEAD BOLT BOSS					
AUDI	1.9	114	ZJ			74-77
Min Height:	3.5240" (89.51 MM)					
Notes:	EFI, ZN, ZU, ZZ					
AUDI	1.9	114	ZL			73
Min Height:	3.5240" (89.51 MM)					
Notes:	2BC, ZW					
AUDI	2.0	121	3A	80 SERIES		88-90
New Height:	5.2150-5.2300" (132.461-132.842 MM) *			Min Height:	5.2050" (132.207 MM)	
Intake Hgt:	1.330" MIN. C/COVER-TIP *			Exhaust Hgt:	1.342" MIN. C/COVER-TIP *	
Notes:	SOHC, MFI, 80 SERIES CAR					
Comments:	* REPORTED THICKNESS 5.240" AND INSTALLED HEIGHT ON BOTH VALVES 1.3855" MEMBER # 6045 05-27-03 MC MODELS 80/90, REPORTED INSTALLED VALVE HEIGHT ON BOTH VALVES 1.485" MEMBER # 2919 11-21-03 MC, DO NOT START ENGINE FOR 30 MINUTES ALLOWING LIFTERS TO BLEED					
AUDI	2.0	121	A/J			77-79
New Height:	5.5120" (140.005 MM)			Min Height:	5.4940" (139.548 MM)	
Casting Numbers:	Head #:047101173, 047103373					
Notes:	JEEP, OHC					
AUDI						5 Cylinders
AUDI	2.0	121	D	5000 SERIES		80-83
New Height:	5.2360" (132.994 MM)			Min Height:	5.2260" (132.74 MM)	
Intake Pro / Rec:	.040-.060" V/REC (1.016-1.524 MM)			Exhaust Pro / Rec:	.040-.060" V/REC (1.016-1.524 MM)	
Casting Numbers:	Head #:06910333, 0691033730, 069103393 Block #: 069103011					
Notes:	DIESEL, TURBO & NON-TURBO, 5000					
AUDI	2.0	121	DE			82-85
New Height:	5.2360" (132.994 MM)			Min Height:	5.2260" (132.74 MM)	
Intake Hgt:	1.3425-1.3725" (34.1-34.862 MM) *			Exhaust Hgt:	1.3346-1.3746" (33.899-34.915 MM) *	
Intake Pro / Rec:	.040-.050" V/REC (1.016-1.27 MM)			Exhaust Pro / Rec:	.040-.050" V/REC (1.016-1.27 MM)	
Notes:	TURBO DIESEL					
Comments:	*I/S/H MEASURED FROM RAIL DOWN-VALVE TIP					
AUDI	2.1	131	KH	5000 SERIES		84-86
New Height:	5.2360" (132.994 MM)			Min Height:	5.2260" (132.74 MM)	
Intake Hgt:	1.3346-1.3746" (33.899-34.915 MM) *			Exhaust Hgt:	1.3425-1.3725" (34.1-34.862 MM) *	
Casting Numbers:	Head #:034103373, 035103373AB, 035103373H					
Notes:	EFI, GAS, 5000 TURBO & NON TURBO					
Comments:	* I/S/H MEASURED FROM RAIL DOWN-VALVE TIP					
AUDI	2.1	131	WD	5000 SERIES		78-83
New Height:	5.2360" (132.994 MM)			Min Height:	5.2260" (132.74 MM)	
Intake Hgt:	1.3346-1.3746" (33.899-34.915 MM) *			Exhaust Hgt:	1.3425-1.3725" (34.1-34.862 MM) *	
Casting Numbers:	Head #:034103373, 035103373AB, 035103373H					
Notes:	GAS, EFI, 5000, TURBO & NON TURBO, WE, WK					
Comments:	* I/S/H MEASURED FROM RAIL DOWN-VALVE TIP					
AUDI	2.2	136	3B			91-92
New Height:	5.2360" (132.994 MM)			Min Height:	5.2260" (132.74 MM)	
Intake Hgt:	1.490-1.510" (37.846-38.354 MM) *					
Notes:	SOHC, EFI, TURBO, GAS					
Comments:	*REPORTED					
AUDI	2.2	136	KX	5000 SERIES		83-87
New Height:	5.2360" (132.994 MM)			Min Height:	5.2260" (132.74 MM)	
Intake Hgt:	1.3346-1.3746" (33.899-34.915 MM) *			Exhaust Hgt:	1.3425-1.3725" (34.1-34.862 MM) *	
Casting Numbers:	Head #:034103373WWO, 095103373AB					
Notes:	MFI, GT COUPE, JT/5000S					
Comments:	* I/S/H MEASURED FROM TOP RAIL DOWN-VALVE TIP					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
AUDI						5 Cylinders (cont.)
AUDI	2.2	136	KZ	5000 SERIES	85-86	
New Height:	5.2360" (132.994 MM)			Min Height:	5.2260" (132.74 MM)	
Notes:	EFI, 5000S, WAGON					
AUDI	2.2	136	MC	5000 SERIES	86-91	
New Height:	5.2360" (132.994 MM)			Min Height:	5.2260" (132.74 MM)	
Notes:	SOHC, MFI, TURBO, 5000CS, 200, QUATTRO					
AUDI	2.3	141	7A	COUPE	89-91	
New Height:	5.2360" (132.994 MM)			Min Height:	5.2600" (133.604 MM)	
Intake Hgt:	1.3346-1.3746" (33.899-34.915 MM) *			Exhaust Hgt:	1.3425-1.3725" (34.1-34.862 MM) *	
Casting Numbers:	Head #:305103373G					
Notes:	EFI, COUPE, QUATTRO					
Comments:	*I/S/H MEASURED FROM RAIL DOWN-VALVE TIP					
AUDI	2.3	141	NF	QUATTRO	87-91	
New Height:	5.2360" (132.994 MM)			Min Height:	5.2260" (132.74 MM)	
Intake Hgt:	1.3346-1.3746" (33.899-34.915 MM) *			Exhaust Hgt:	1.3425-1.3725" (34.1-34.862 MM) *	
Casting Numbers:	Head #:305103373G					
Notes:	MFI, QUATTRO, 100					
Comments:	*I/S/H MEASURED FROM RAIL DOWN-VALVE TIP					
AUDI	2.3	141	NG	COUPE	87-92	
New Height:	5.2360" (132.994 MM)			Min Height:	5.2260" (132.74 MM)	
Intake Hgt:	1.3346-1.3746" (33.899-34.915 MM) *			Exhaust Hgt:	1.3425-1.3725" (34.1-34.862 MM) *	
Casting Numbers:	Head #:305103373G					
Notes:	MFI, COUPE, 90 QUATTRO					
Comments:	*I/S/H MEASURED FROM RAIL DOWN-VALVE TIP					
AUDI						6 Cylinders
AUDI	2.7	163	APB	S4	00-02	
Intake Hgt:	1.307" CENTER *, 1.268" OUTERS			Min Height:	5.482" (139.250 MM)	
Notes:	S4 TURBO					
Comments:	* MEASURE DOWN FROM THE CAM CARRIER MOUNTING SURFACE. ** SEE "NOTES" TAB FOR GUIDE CLEARANCE INFORMATION.					
AUDI	2.8	169	AAH		92-94	AAH
Intake Hgt:	1.331" (33.807 MM) *			Min Height:	5.226" (132.74 MM)	
Casting Numbers:	Head #:078103373F					
Notes:	SOHC, 12 VALVE, MFI					
Comments:	* MEASURED FROM VALVE COVER RAIL-TIP OF THE VALVE. THIS SPEC IS A MIN-NO MAX FROM AUDI					
AUDI	2.8	169	AHA	QUATTRO	98-01	AHA
Intake Hgt:	1.307" CENTER *, 1.268" OUTER'S			Min Height:	5.482" (139.250 MM)	
Casting Numbers:	Head #:078103373AH Block #: 078103021AE					
Notes:	DOHC, A6, 30 VALVE, 2000 + 2001 VIN ATQ					
Comments:	* MEASURE DOWN FROM THE CAMSHAFT CARRIER MOUNTING SURFACE. SEE OTHER NOTES FOR GUIDE CLEARANCE					
AUDI	2.8	170	AFC	90 SERIES	95	
New Height:	5.226" (132.74 MM)					
Notes:	SFI, MODEL 90					
AUDI	2.8	170	AFC*	CABRIOLET	96-98	
Intake Hgt:	1.3310" MIN			Min Height:	5.226" (132.74 MM)	
Notes:	SOHC, SFI, MODELS A4, A6, CABRIOLET					
Exhaust Hgt:	1.3430" MIN					
AUDI						8 Cylinders
AUDI	3.6	217	PT		90-91	PT
Intake Hgt:	1.417" (36.000 MM) MIN.*			Exhaust Hgt:	1.429" (36.3 MM) MIN.*	
Notes:	DOHC, V8, EFI					
Comments:	* MIN CLR BETWEEN VALVE TIP & CAM CAP SURFACE.					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
AUSTIN						4 Cylinders
AUSTIN	0.9	58		SPRITE	56-65	
New Height:	2.750" (69.85 MM)			Min Height:	2.734" (69.444 MM)	
Notes:	SPRITE, 948CC					
AUSTIN	0.9	58	C		52-62	
New Height:	2.7340-2.7500" (69.444-69.85 MM)					
Notes:	948CC, SEE MG AS WELL					
AUSTIN						6 Cylinders
AUSTIN	3.0	183		3000	59-67	
Intake Hgt:	1.594"			Exhaust Hgt:	1.594"	
Notes:	3000 CAR, INTAKE CAST SEPARATE FROM HEAD					
Comments:	* GUIDE LENGTH = 2.266		** GUIDE LENGTH = 2.578		*** MK II & MK III VALVE	
	SPRING 67.5# @ 1.600					
BEDFORD						4 Cylinders
BEDFORD	3.6	220		220		
New Height:	4.2485-4.2515" (107.912-107.988 MM)			Min Height:	4.2385" (107.658 MM)	
Intake Pro / Rec:	.023" MIN V/REC (.584 MM)			Exhaust Pro / Rec:	.041" MIN V/REC (1.041 MM)	
Notes:	DIESEL					
BEDFORD						6 Cylinders
BEDFORD	5.4	330		330		
New Height:	4.2485-4.2515" (107.912-107.988 MM)			Min Height:	4.2385" (107.658 MM)	
Intake Pro / Rec:	.023" MIN V/REC (.584 MM)			Exhaust Pro / Rec:	.041" MIN V/REC (1.041 MM)	
Notes:	DIESEL					
BMW						4 Cylinders
BMW	1.8	108	M10B	318I	84-85	
New Height:	5.0850-5.0900" (129.159-129.286 MM)			Min Height:	5.0630" (128.6 MM)	
Intake Hgt:	1.6450-1.6550" (41.783-42.037 MM)			Exhaust Hgt:	1.6450-1.6550" (41.783-42.037 MM)	
Casting Numbers:	Head #:1268721					
Notes:	VIN M10B18, MFI, 318I, 320I					
Comments:	* DEPENDING ON SPRING MANUFACTURER, SOME SPRINGS MAY BE 1.811.					
BMW	1.8	108	M10B	320I	80-83	
New Height:	5.085-5.090" (129.159-129.286 MM)			Min Height:	5.063" (128.6 MM)	
Intake Hgt:	1.645-1.655" (41.783-42.037 MM)			Exhaust Hgt:	1.645-1.655" (41.783-42.037 MM)	
Casting Numbers:	Head #:1268721					
Notes:	VIN M10B18, MFI, 320I					
BMW	1.8	110		318I	91-95	M42B18
New Height:	5.508-5.516" (139.903-140.106 MM)			Min Height:	5.494" (139.548 MM) *	
Intake Hgt:	1.570-1.575" (39.878-40.005 MM) **			Exhaust Hgt:	1.570-1.575" (39.878-40.005 MM) **	
Casting Numbers:	Head #:1721464					
Notes:	DOHC, 318 IC & IS SERIES					
Comments:	* .012 THICKER HEAD GASKET AVAILABLE,** MEASURE THE INSTALLED VALVE STEM HEIGHT NEXT-GUIDE. HAVE SEEN 1.680-1.697" STEM HEIGHTS ON THIS HEAD 1721464.					
BMW	1.8	110	M42	318I	93-95	
New Height:	5.508-5.516" (139.903-140.106 MM)			Min Height:	5.494" (139.548 MM)	
Notes:	DOHC, SFI, 318I					
Comments:	* MEASURED FROM VALVE GUIDE COLLAR-CYL HEAD ON CAMSHAFT SIDE.					
BMW	1.9	116	M44	Z3	92-98	M44
New Height:	5.5118" (140.000 MM)			Min Height:	5.4941" (139.550 MM)	
Notes:	DOHC, Z3 ROADSTER (E36/7), M44					
BMW	2.0	121	M10	2002	73-76	
New Height:	5.0850-5.0900" (129.159-129.286 MM)			Min Height:	5.0630" (128.6 MM)	
Casting Numbers:	Head #:1268721					
Notes:	2BC, 2002					
BMW	2.0	121	M10	320I	77-79	
New Height:	5.0850-5.0900" (129.159-129.286 MM)			Min Height:	5.0630" (128.6 MM)	
Casting Numbers:	Head #:1268721					
Notes:	EFI, 320I					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
BMW				4 Cylinders (cont.)		
BMW	2.3	140	S14	M3	88-91	
New Height:	3.7780-3.7791" (95.961-95.989 MM)			Min Height:	3.7650" (95.631 MM)	
Intake Hgt:	1.962-1.973" REPORTED			Exhaust Hgt:	1.962-1.973" REPORTED	
Notes:	DOHC, M3, MFI					
BMW				6 Cylinders		
BMW	2.4	149	M21D	524	85-86	
New Height:	5.8350" (148.209 MM)			Min Height:	5.8270" (148.006 MM)	
Intake Pro / Rec:	.025-.034" V/REC (.635-.864 MM)			Exhaust Pro / Rec:	.035-.042" V/REC (.889-1.067 MM)	
Casting Numbers:	Head #:1275551					
Notes:	VIN M21D24, TURBO DIESEL, 524 MODEL					
Comments:	*					
BMW	2.5	152		325I	87-90	M20
New Height:	4.9200-4.9250" (124.968-125.095 MM)			Min Height:	4.9090" (124.689 MM)	
Intake Hgt:	1.660" (42.164 MM)			Exhaust Hgt:	1.660" (42.164 MM)	
Casting Numbers:	Head #:1075885, 1705885					
Notes:	SOHC, MFI, 325I, 325IC, 325IS, 525I, M20B25, M20B25M					
BMW	2.5	152	M50	325I	91-95	M50
New Height:	5.508-5.516" (139.903-140.106 MM) *			Min Height:	5.494" (139.548 MM)	
Intake Hgt:	1.690-1.710" (42.926-43.434 MM)			Exhaust Hgt:	1.690-1.710" (42.926-43.434 MM)	
Casting Numbers:	Head #:1738400					
Notes:	DOHC, MFI, 325I, 325IC, 325IS, 525I					
Comments:	* INSTALL @ 68°F. ONE HEAD THKNS REPORT OF 5.938" ** MEASURED FROM GUIDE COLLAR @ CAMSHAFT SIDE.					
BMW	2.7	164		325E	82-89	
New Height:	4.9350-4.9400" (125.349-125.476 MM)			Min Height:	4.9090" (124.689 MM)	
Intake Hgt:	1.6700" (42.418 MM)			Exhaust Hgt:	1.6700" (42.418 MM)	
Casting Numbers:	Head #:126420, 1264200, 27ETA					
Notes:	MFI, 325E, 528E, M20B77					
Comments:	**DEPENDING ON SPRING MANUFACTURER, SOME SPRINGS MAY BE 1.811"					
BMW	2.8	170	M30	528I	79-81	
New Height:	5.0850-5.0900" (129.159-129.286 MM)			Min Height:	5.0630" (128.6 MM)	
Intake Hgt:	1.6600-1.6800" (42.164-42.672 MM)			Exhaust Hgt:	1.6600-1.6800" (42.164-42.672 MM)	
Casting Numbers:	Head #:12500199, 125009, 125C0199, 1277358					
Notes:	MFI, 528I					
BMW	2.8	170	M52	328I	97-00	M52
New Height:	5.512" (140.005 MM)			Min Height:	5.500" (139.7 MM)	
Notes:	SFI, M3, Z3, 328I, 328IS, 528I, Z3 M SERIES, 323I, 323IS					
BMW	3.0	182		M3 (E36)	95-05	S50
New Height:	5.5118" (140.000 MM)			Min Height:	OEM SAYS MUST NOT MACHINE HEAD	
Notes:	DOHC, M3 (E36), 2990CC, S50					
Comments:	* WITH R1 ON STEM: INTAKE=.2386-.2392", EXHAUST=.2380-.2386", WITH R2 ON STEM: INTAKE=.2425-.2431", EXHAUST=.2419-.2425".					
BMW	3.0	182	M30	530I	75-78	
New Height:	5.0850-5.0900" (129.159-129.286 MM)			Min Height:	5.0630" (128.6 MM)	
Intake Hgt:	1.620-1.645" (41.148-41.783 MM)			Exhaust Hgt:	1.620-1.645" (41.148-41.783 MM)	
Casting Numbers:	Head #:12500199					
Notes:	530I, 630CSI, EFI					
BMW	3.0	182	M30	530I	77-78	
New Height:	5.0850-5.0900" (129.159-129.286 MM)			Min Height:	5.0630" (128.6 MM)	
Intake Hgt:	1.620-1.645" (41.148-41.783 MM)			Exhaust Hgt:	1.620-1.645" (41.148-41.783 MM)	
Casting Numbers:	Head #:12500199					
Notes:	530I, 630CSI, EFI					
BMW	3.2	195	S52	328I	97-02	S52
New Height:	5.512" (140.005 MM)			Min Height:	DO NOT MACHINE CYL HEAD	
Notes:	M3, Z3, 328I, 328IS, 528I, Z3 M SERIES, 323I, 323IS					
Comments:	* STEM DIAMETER WITH R1 ON STEM: INTAKE=.2386-.2392", EXHAUST=.2380-.2386". STEM DIAMETER WITH 42 ON STEM: INTAKE=.2425-.2431", EXHAUST=.2419-.2425".					
BMW	3.2	196	M30B		81-84	
New Height:	5.085-5.095" (129.159-129.413 MM)			Min Height:	5.063" (128.6 MM)	
Casting Numbers:	Head #:1304473					
Notes:	GAS, M30B32, MFI					
Comments:	*DEPENDING ON SPRING MANUFACTURER, SOME SPRINGS MAY BE 1.811.					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
BMW						6 Cylinders (cont.)
BMW	3.2	196	M69	528I	78-80	
New Height:	5.0850-5.0900" (129.159-129.286 MM)			Min Height:	5.0630" (128.6 MM)	
Intake Hgt:	1.6598-1.6799" (42.159-42.669 mm)			Exhaust Hgt:	1.6598-1.6799" (42.159-42.669 mm)	
Casting Numbers:	Head #:125009, 1277358					
Notes:	EFI, 528I					
BMW	3.4	209	M30B	535I	87-93	
New Height:	5.0850-5.0900" (129.159-129.286 MM) **			Min Height:	5.0630" (128.6 MM)	
Casting Numbers:	Head #:1708843, 3083699					
Notes:	SOHC, 535I, 735I, M30B35MZ, MFI					
Comments:	* ROCK METHOD HOLD VALVE EVEN WITH GUIDE STEM TO GUIDE CLEARANCE .031" ** .012" THICKER GASKET AVAILABLE					
BMW	3.4	209	M30B	735I	85-88	
New Height:	5.0850-5.0900" (129.159-129.286 MM)			Min Height:	5.0630" (128.6 MM)	
Notes:	735I, M30B34, MFI					
BMW	3.5	211	S38Z	535I	87-88	
New Height:	3.7780-3.7791" (95.961-95.989 MM)			Min Height:	3.766" (95.656 MM)	
Notes:	DOHC, MFI, 16 VALVE HEAD, *ALSO 1991, 535I					
BMW	3.5	211	S38Z		89-91	
New Height:	3.7780-3.7791" (95.961-95.989 MM)			Min Height:	3.766" (95.656 MM)	
Notes:	DOHC, MFI, 24 VALVE HEAD					
BMW						8 Cylinders
BMW	3.0	183	M60	530I	94-95	
New Height:	5.5118" (140. MM)			Min Height:	5.500" (139.7 MM)	
Intake Hgt:	1.690-1.700" (42.926-43.180 MM)			Exhaust Hgt:	1.690-1.700" (42.926-43.180 MM)	
Casting Numbers:	Head #:17029334					
Notes:	PFI, 530I					
BMW	4.0	242	M60	540I	94-95	
New Height:	5.510" (140.000 MM)			Min Height:	5.500" (139.700 MM)	
Intake Hgt:	1.680" (42.672 MM)			Exhaust Hgt:	1.680" (42.672 MM)	
Casting Numbers:	Head #:1729311, 1729314 Block #: 1725963-1742998, 1725970-1714212, 1745871, 1745872, 1745873					
Notes:	540I, 740I, 740IL					
BMW	4.4	268	M62	540I	97-99	
New Height:	5.510" (140.000 MM)			Min Height:	5.500" (139.700 MM)	
Notes:	SFI, 540I, 840CI, 740I, 740IL					
Comments:	* TIGHTEN CROSSWISE FROM MIDDLE OF CYL HEAD-OUTSIDE.					
BMW						12 Cylinders
BMW	5.0	304	M70	750	88-92	
New Height:	5.5220" (140.259 MM) *			Min Height:	5.5120" (140.005 MM) *	
Casting Numbers:	Head #:17127889					
Notes:	MFI, 850I					
Comments:	* MILLING THE HEAD(S) YOU MUST REMOVE THE SAME AMOUNT FROM THE TIMING COVER FOR A CORRECT FIT REPORTED MEMBER # 72116 04-26-05 MC					
BUDA						4 Cylinders
BUDA	2.5	153				
New Height:	3.750" (95.25 MM) REPORTED					
Intake Hgt:	2.0000" (50.8 MM) REPORTED			Exhaust Hgt:	1.9850" (50.419 MM)	
Casting Numbers:	Head #:B556					
Notes:	DIESEL					
BUDA						6 Cylinders
BUDA	8.5	516		HD11		HD11
New Height:	4.2500" (107.95 MM)			Min Height:	4.230" (107.442 MM)	
Intake Pro / Rec:	.046" MIN V/REC (1.168 MM)			Exhaust Pro / Rec:	.059" MIN V/REC (1.499 MM)	
Casting Numbers:	Head #:4336488, 4336501, 4338544, 4339544, 4347782, 4358674, 4359374 Block #: 4339611					
Notes:	DIESEL, HD-11					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
CASE			3 Cylinders			
CASE	0.9	52		235		K3B
Intake Pro / Rec: .095" MAX V/REC (2.413 MM)			Exhaust Pro / Rec: .098" MAX V/REC (2.413 MM)			
Notes: DIESEL, MMC MODEL K3B, MODEL 235H						
CASE	1.0	60		245		K3D
Intake Pro / Rec: .095" MAX V/REC (2.413 MM)			Exhaust Pro / Rec: .095" MAX V/REC (2.413 MM)			
Notes: DIESEL, MMC MODEL K3D						
CASE	1.1	65		255		K3E
Intake Pro / Rec: .095" MAX V/REC (2.413 MM)			Exhaust Pro / Rec: .095" MAX V/REC (2.413 MM)			
Notes: DIESEL, MMC MODEL K3E						
CASE	1.3	79		265		K3H
Intake Pro / Rec: .095" MAX V/REC (2.413 MM)			Exhaust Pro / Rec: .095" MAX V/REC (2.413 MM)			
Notes: DIESEL, MMC MODEL K3H						
CASE	1.5	91		275		K3M
Intake Pro / Rec: .095" MAX V/REC (2.413 MM)			Exhaust Pro / Rec: .095" MAX V/REC (2.413 MM)			
Notes: DIESEL, MMC MODEL K3M						
CASE	2.7	164		885		AD3/55
New Height: 3.9950-4.0050" (101.473-101.727 MM)			Min Height: 3.9680" (100.787 MM)			
Intake Pro / Rec: .080" MAX V/PRO (2.032 MM)			Exhaust Pro / Rec: .120" MAX V/PRO (3.048 MM)			
Casting Numbers: Head #:F925050 Block #: 927071F, 956650						
Notes: 885 DIESEL, DAVID BROWN 355011, CASE 1190 & 1194						
CASE			4 Cylinders			
CASE	1.8	110				
New Height: 3.177-3.180" (80.696-80.772 MM)			Exhaust Pro / Rec: .044-.050" V/REC (1.118-1.27 MM)			
Intake Pro / Rec: .044-.050" V/REC (1.118-1.27 MM)						
Notes: DIESEL, 18V LEYLAND, CASE/IH DITCH WITCHES, OHV						
CASE	2.6	159	G	530		
New Height: 3.990-4.000" (101.346-101.6 MM)			Min Height: 3.968" (100.787 MM)			
Casting Numbers: Head #:G2088, G2099 Block #: A37209						
Notes: GAS, 530, 570 & 580 CK BACKHOE						
CASE	3.0	185		990		AD4/47
New Height: 3.5100" (89.154 MM)			Exhaust Pro / Rec: .120" MAX V/PRO (3.048 MM)			
Intake Pro / Rec: .080" MAX V/PRO (2.032 MM)						
Casting Numbers: Head #:0928415, F905760						
Notes: DAVID BROWN, DIESEL, MODEL 990 (EARLY)						
Comments: * CAN REPLACE ORIGINAL SPG (PART #907894) WITH SPGPART #914529:FREE LENGTH 1.970, CLOSED 40# @1.530,OPEN 80# @ 1.102----> NEW SPG MUST BE USED IN SETS - INTAKE & EXHAUST.						
CASE	3.1	186		990		449001
Intake Pro / Rec: .080" MAX V/PRO 20.320 MM)			Exhaust Pro / Rec: .120" MAX V/PRO (3.048 MM)			
Casting Numbers: Head #:F905760						
Notes: DAVID BROWN, DIESEL, MODEL 990 (LATE)						
CASE	3.1	186		990	61-75	186
New Height: 3.5100" (89.154 MM)			Exhaust Pro / Rec: .120" MAX V/PRO (3.048 MM)			
Intake Pro / Rec: .080" MAX V/PRO (2.032 MM)						
Casting Numbers: Head #:D66500, F905760, F921438 Block #: K946800						
Notes: DIESEL, 990 DAVID BROWN						
Comments: * EARLY STYLE CAMSHAFT ENGINES USE INTAKE .015" AND EXHAUST .012" COLD						
CASE	3.1	188	D	430		G188D
New Height: 3.9900-4.0000" (101.346-101.6 MM)			Min Height: 3.9680" (100.787 MM)			
Intake Hgt: 2.340" *			Exhaust Hgt: 2.365" *			
Intake Pro / Rec: +.005--.015" (.127--.381 MM)			Exhaust Pro / Rec: +.005--.015" (.127--.381 MM)			
Casting Numbers: Head #:A150304, A150384, A-150384, A155925, A36296, A3687, A36876, A-36876, A37835, A37836, A378385, G2085, GD157A500 Block #: 36295, 36771, 37205, 37770, A38536						
Notes: G188D DIESEL, 430, 470, 530, 570, 580,630 TRACTORS						
Comments: * REPORTED AND THE INTAKE SPRINGS HAD-BE SHIMMED .075" AND THE EXHAUST .090"						

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
CASE					4 Cylinders	(cont.)
CASE	3.1	188	G	530		G188
New Height:	3.9900-4.0000" (101.346-101.6 MM)			Min Height:	3.9680" (100.787 MM)	
Casting Numbers:	Head #:2084, G2084 Block #: G2148					
Notes:	G188, GAS, 530, 630 TRACTOR					
Comments:	* THIS IS A TEST PRESSURE ONLY					
CASE	3.4	207	D	450B		D207
New Height:	3.9950-4.0050" (101.473-101.727 MM)			Min Height:	3.9680" (100.787 MM)	
Intake Pro / Rec:	+.005--.015" (.127--.381 MM)			Exhaust Pro / Rec:	+.005--.015" (.127--.381 MM)	
Casting Numbers:	Head #:3804570, A150384, A-50963 Block #: A136813					
Notes:	450B, 580C DIESEL					
Comments:	* VALVE POSITION IS + .005" ABOVE--.015" BELOW THE DECK OF HEAD					
CASE	3.4	207	DT	450B		DT207
New Height:	3.9950-4.0050" (101.473-101.727 MM)			Min Height:	3.9680" (100.787 MM)	
Intake Pro / Rec:	+.005--.015" (.127--.381 MM)			Exhaust Pro / Rec:	+.005--.015" (.127--.381 MM)	
Casting Numbers:	Head #:3804570, A150384, A-50963 Block #: A136813					
Notes:	450B, 580C TURBO DIESEL					
CASE	3.6	219	D	995		D219
New Height:	3.5100" (89.154 MM)					
Intake Pro / Rec:	.080" MAX V/PRO (2.032 MM)			Exhaust Pro / Rec:	.120" MAX V/PRO (3.048 MM)	
Casting Numbers:	Head #:D66500, F905760, F921438					
Notes:	DAVID BROWN DIESEL 995,1210,1212,1410,1412,12-1390					
CASE	3.6	219	D(1)	1490		D219
New Height:	3.5100" (89.154 MM)					
Intake Pro / Rec:	.080" MAX V/PRO (2.032 MM)			Exhaust Pro / Rec:	.120" MAX V/PRO (3.048 MM)	
Casting Numbers:	Head #:D66500, F905760, F921438					
Notes:	DIESEL, 1490, 1494 DAVID BROWN, LARGE MAINS & RODS					
CASE	3.6	219	DT	219		DT219
New Height:	3.5100" (89.154 MM)					
Intake Pro / Rec:	.080" MAX V/PRO (2.032 MM)			Exhaust Pro / Rec:	.120" MAX V/PRO (3.048 MM)	
Casting Numbers:	Head #:D66500, F921438					
Notes:	TURBO DIESEL, SMALL MAINS					
CASE	3.9	239	B	850	85-93	B-SERIES
New Height:	3.7398-3.7418" (94.991-95.042 MM)					
Intake Pro / Rec:	.039-.060" V/REC (.991-1.524 MM)			Exhaust Pro / Rec:	.039-.060" V/REC (.991-1.524 MM)	
Casting Numbers:	Head #:3902521, SE3902524					
Notes:	CUMMINS B-SERIES, 850, 860, 580 K, 4-390 MODELS					
CASE	4.1	251		400		251S
New Height:	5.000-5.010" (127.-127.254 MM)					
Casting Numbers:	Head #:6530, 6530A, A6530A, A8500					
Notes:	GAS, 400, 700B & 800B SERIES TRACTORS					
CASE	4.1	251		730		G251
New Height:	5.000-5.010" (127.-127.254 MM)					
Casting Numbers:	Head #:6530, 6530A, A21241, A21357					
Notes:	730 GAS					
CASE	4.1	251	BG	770		BG251
New Height:	5.000-5.010" (127.-127.254 MM)					
Casting Numbers:	Head #:6530, 6530A					
Notes:	770 GAS TRACTOR					
CASE	4.4	267		700B		267BD
New Height:	5.0000-5.0100" (127.-127.254 MM)					
Intake Pro / Rec:	.060-.080" V/REC (1.524-2.032 MM)			Exhaust Pro / Rec:	1.080" V/REC (27.432 MM)	
Casting Numbers:	Head #:A11800 Block #: A3493					
Notes:	267BD DIESEL, 700B,800B & 400,SERIAL #8104711 & UP					
CASE	4.4	267				
				Min Height:	4.080" (103.632 MM)	

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
CASE				4 Cylinders (cont.)		
CASE	4.4	267	D	730 SERIES		A267
New Height:	5.0000-5.0100" (127.-127.254 MM)					
Intake Pro / Rec:	.060-.080" V/REC (1.524-2.032 MM)			Exhaust Pro / Rec:	1.080" V/REC (27.432 MM)	
Castings Numbers:	Head #:A11800, A20957, A33623, A33643 Block #: A3493					
Notes:	A267 DIESEL, 730 SERIES					
CASE	4.9	301	BG	870		301BG
				Min Height:	4.080" (103.632 MM)	
Notes:	GAS, 301BG ENGINE, 870 TRACTOR					
CASE	4.9	301	D	830	60-70	301BD
New Height:	4.1350" (105.029 MM) **			Min Height:	4.1050" (104.267 MM)	
Intake Pro / Rec:	.000-.060" V/REC (-1.524 MM) *			Exhaust Pro / Rec:	.000-.060" V/REC (-1.524 MM) *	
Castings Numbers:	Head #:A21003, A33613, A33623, A33643, A58522 Block #: A3493					
Notes:	301BD & A301 DIESEL, 830 SERIES					
Comments:	*OLDER ENGINE EXHAUST V/REC IS 1.080"		** OLDER ENGINE HEIGHT IS 5.120"			
CASE	5.5	336	BDT	336		336BDT
New Height:	4.1140-4.1260" (104.496-104.8 MM)			Min Height:	4.0880" (103.835 MM)	
Intake Pro / Rec:	.000-.040" V/REC (.000-1.016 MM)			Exhaust Pro / Rec:	.000-.040" V/REC (.000-1.016 MM)	
Castings Numbers:	Head #:4-737, 549-3 Block #: A5850, A6652					
Notes:	336BDT TURBO DIESEL, LARGE MAIN					
CASE	5.5	336	D	336		336BD
New Height:	4.1140-4.1260" (104.496-104.8 MM)			Min Height:	4.0880" (103.835 MM)	
Intake Pro / Rec:	.000-.040" V/REC (.000-1.016 MM)			Exhaust Pro / Rec:	.000-.040" V/REC (.000-1.016 MM)	
Castings Numbers:	Head #:4-737, 549-3 Block #: A5850, A6652					
Notes:	336BD DIESEL, SMALL MAIN					
CASE				6 Cylinders		
CASE	5.4	329	D	1690		D329
New Height:	3.5100" (89.154 MM)					
Intake Pro / Rec:	.080" MAX V/PRO (2.032 MM)			Exhaust Pro / Rec:	.120" MAX V/PRO (3.048 MM)	
Castings Numbers:	Block #:K948770					
Notes:	DIESEL, 1690 DAVID BROWN, NON SLEEVED BLOCK					
CASE	5.4	329	D(2)	1594		D329
New Height:	3.5100" (89.154 MM)					
Intake Pro / Rec:	.080" MAX V/PRO (2.032 MM)			Exhaust Pro / Rec:	.120" MAX V/PRO (3.048 MM)	
Castings Numbers:	Block #:K948770					
Notes:	DIESEL, 1594 DAVID BROWN, NON SLEEVED BLOCK					
CASE	5.9	359	B	2096	85-93	B-SERIES
New Height:	3.7398-3.7418" (94.991-95.042 MM)			Min Height:	3.7000" (93.98 MM)	
Intake Pro / Rec:	.039-.060" V/REC (.991-1.524 MM)			Exhaust Pro / Rec:	.039-.060" V/REC (.991-1.524 MM)	
Castings Numbers:	Head #:3904573, 3911273, 3919916 Block #: 27887, 32287, 3901204, 3905807D, 3912553					
Notes:	CUMMINS B-SERIES,2096 & 1896 TRACTOR, 855 D LOADER					
CASE	6.6	401		730		A401
New Height:	4.7950" (121.793 MM)			Min Height:	4.7650" (121.031 MM)	
Intake Pro / Rec:	.020-.060" V/REC (-1.524 MM)			Exhaust Pro / Rec:	.020-.060" V/REC (-1.524 MM)	
Castings Numbers:	Head #:A20957, A33623, A33643					
Notes:	730, DIESEL, A401, 931 TRACTOR					
CASE	6.6	401	BD	970		401BD
New Height:	5.0000-5.0050" (127.-127.127 MM)			Min Height:	4.980" (126.492 MM)	
Intake Pro / Rec:	.000-.060" V/REC (-1.524 MM)			Exhaust Pro / Rec:	.000-.060" V/REC (-1.524 MM)	
Castings Numbers:	Head #:A11800, A33612, A33613, A58523, A61251, A61252					
Notes:	970 DIESEL					
CASE	6.6	401	D	930		A401
New Height:	5.000"			Min Height:	4.1050" (104.267 MM)	
Intake Pro / Rec:	.000-.060" V/REC (-1.524 MM)			Exhaust Pro / Rec:	1.020-1.080"	
Castings Numbers:	Head #:A11800, A24946, A33612, A33613, A33613A, A58523, A61252					
Notes:	A401, 930 DIESEL TRACTOR					
Comments:	* A401 ENGINE (LATE MODELS) .025 COLD I & E					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
CASE						
6 Cylinders (cont.)						
CASE	7.4	451	D	1070		451BDT
New Height:	4.1350" (105.029 MM)			Min Height:	4.1050" (104.267 MM)	
Intake Pro / Rec:	.000-.060" V/REC (-1.524 MM)			Exhaust Pro / Rec:	.000-.060" V/REC (-1.524 MM) **	
Casting Numbers:	Head #:543-3, A21003, A33616, A33623, A58522, A58527, A61251, A61252					
Notes:	451BDT DIESEL,SERIES 1070,1090,1150,1170,1175,1270					
Comments:	ROTATORS ON EARLY SERIES EXH ONLY: OTHERWISE ALL ** 1.080" V/REC (27.432 MM) REPORTED MEMBER #39410 09-10-2004 MC					
CASE	7.4	451	DIESEL	1030		A451
New Height:	4.1350" (105.029 MM)			Min Height:	4.1050" (104.267 MM)	
Intake Pro / Rec:	.000-.060" V/REC (-1.524 MM)			Exhaust Pro / Rec:	.000-.060" V/REC (-1.524 MM) **	
Casting Numbers:	Head #:A33616					
Notes:	A451 DIESEL, SERIES 1030 & 1150B					
Comments:	** 1.080" V/REC (27.432 MM) REPORTED MEMBER #39410 09-10-2004 MC					
CASE	8.3	504	BDT	1370		504BDT
New Height:	4.1140-4.1260" (104.496-104.8 MM)			Min Height:	4.0800" (103.632 MM)	
Intake Pro / Rec:	.000-.060" V/REC (-1.524 MM)			Exhaust Pro / Rec:	.000-.060" V/REC (-1.524 MM)	
Casting Numbers:	Head #:152437, A138337, A152437, A156738, A60559, A61251, A66190, A67351, A68441 Block #: A5850, A6652					
Notes:	3.5" MAIN, TURBO DIESEL, 1370, 2390,2394,2590,2594					
CASE	8.3	504	BDT(2	2290		504BDT
New Height:	4.1140-4.1260" (104.496-104.8 MM)			Min Height:	4.0800" (103.632 MM)	
Intake Pro / Rec:	.000-.060" V/REC (-1.524 MM)			Exhaust Pro / Rec:	.000-.060" V/REC (-1.524 MM)	
Casting Numbers:	Head #:152437, A138337, A152437, A156738, A60559, A66190, A67351 Block #: A5850, A6652					
Notes:	3.0" MAIN, TURBO DIESEL, 2290, 2294					
CASE	8.3	504	D	2090		504BD
New Height:	4.1140-4.1260" (104.496-104.8 MM)			Min Height:	4.0800" (103.632 MM)	
Intake Pro / Rec:	.000-.060" V/REC (-1.524 MM)			Exhaust Pro / Rec:	.000-.060" V/REC (-1.524 MM)	
Casting Numbers:	Head #:152437, A138337, A152437, A156738, A60559, A66190, A67351 Block #: A5850, A6652					
Notes:	504BD DIESEL, 2090, 2094					
CASE	8.3	505		7110		6T-830, 6TA-83
New Height:				Min Height:	4.557" (115.748 MM) SEE TB1232	
Intake Pro / Rec:	.035-.056" V/REC (.889-1.422 MM)			Exhaust Pro / Rec:	.035-.056" V/REC (.889-1.422 MM)	
Notes:	6T-830 & 6TA-830 DIESEL, 7110, 7120, 7130, 7140					
CASE	8.3	505	C	6T830	85-98	6T830 C-SERIE
New Height:	4.5570-4.5770" (115.748-116.256 MM)			Min Height:	4.5170" (114.732 MM) SEE TB 1232	
Intake Pro / Rec:	.043-.064" REC (1.092-1.626 MM) *			Exhaust Pro / Rec:	.043-.064" REC (1.092-1.626 MM) *	
Casting Numbers:	Head #:3904688, 391976 Block #: 8914015					
Notes:	6T830, C-SERIES CUMMINS					
Comments:	* ENGINES BEFORE SER #44487830 V/REC: .035-.056",,,, ENGINES AFTER SERIAL #44487830 V/REC: .043-.064" .25MM & .50MM O/S HEAD GASKET AVAILABLE					
CASE	11.1	674	D	2870		674D
New Height:	5.9120" (150.165 MM)			Min Height:	4.8980" (124.409 MM) * SEE TB 565 FOR F	
Intake Pro / Rec:	.030-.069" V/REC (.762-1.753 MM)			Exhaust Pro / Rec:	.030-.069" V/REC (.762-1.753 MM)	
Casting Numbers:	Head #:253757, 289162					
Notes:	SCANIA ENGINE, 2870, 4890, 4894 TRACTORS					
Comments:	* SEE TB 565 FOR FIRE RING SPECS .037-.041" WIDTH, .006-.010" THE FILLET OF THE GROOVE SHOULD HAVE A 10° CHAMFER.					
CATERPILLAR						
4 Cylinders						
CATERPILLAR	0.0	0		312		D-312
New Height:	4.3750" (111.125 MM)			Min Height:	4.3300" (109.982 MM)	
Casting Numbers:	Head #:4B1599					
Notes:	D-312					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
CATERPILLAR				4 Cylinders (cont.)		
CATERPILLAR	2.0	120		VC60		XN1P
New Height:	3.6360-3.6480" (92.354-92.659 MM)			Min Height:	3.6160" (91.846 MM)	
Intake Hgt:	1.7000-1.7300" (43.180-43.942 MM)			Exhaust Hgt:	1.7000-1.7300" (43.180-43.942 MM)	
Castings Numbers:	Head #:9430002821, XN1T Block #: 9430302621					
Notes:	OHV, VC60, GAS FORKLIFT, PEUGEOT ENGINE					
Comments:	LOOSEN BOLTS 3-10, TIGHTEN BOLTS 1-10, 11-19 FT/LBS, + 120°, CHECK FOR MINMIUM TORQUE OF 37 FT/LBS, TIGHTEN ROCKER SHAFT 11 FT/LBS, RUN ENGINE FOR 10 MINUTES @ 2000 RPM, TIGHTEN ALL BOLTS + 30°, LET ENGINE COOL AND RECHECK FOR 37 FT/LBS MINIMUM.					
CATERPILLAR	2.5	152	D	VC40D		XD3P
New Height:	3.5450" (90.043 MM)			Min Height:	3.5216" (89.449 MM)	
Intake Pro / Rec:	.041-.055" V/REC (1.041-1.397 MM)			Exhaust Pro / Rec:	.033-.047" V/REC (.838-1.194 MM)	
Castings Numbers:	Head #:7940102641, 9472500401, 9472500401 Block #: 7940103371, 7940103371					
Notes:	PEUGEOT DIESEL, LIFT MODEL 25					
Comments:	*AFTER BRINGING ENGINE-OPERATING TEMP. LOOSEN ONE BOLT AT A TIME 1/4 TURN & RETORQUE-60 FT/LBTHEN DO THE LAST LOOSENING & TIGHTENING PROCEDURE AGAIN.					
CATERPILLAR	2.5	153		XD3P		XD3P
New Height:	3.537-3.549" (89.84-90.145 MM)			Min Height:	3.521" (89.433 MM)	
Castings Numbers:	Head #:9472500401 Block #: 7940103371					
Notes:	2.5L DIESEL					
Comments:	STEP #1 30, #2 50 FT/LBS, STEP #3 LOOSEN BOLTS 90°, STEP #4 RETIGHTEN BOLTS TO 50 FT/LBS, STEP #5 RUN ENGINE 10 MIN @ 2000 RPM THEN LET COOL 4-HOURS, STEP #6 LOOSEN BOLTS 90°, STEP #7 RETIGHTEN TO 60 FT/LBS. HEAD 2.9 @ 13, 14 &17. USE NEW WASHERS					
CATERPILLAR	2.7	163		1404		G1600
New Height:				Min Height:	3.903" REPORTED	
Intake Pro / Rec:	.566-.596" V/REC (14.380-15.140 MM)			Exhaust Pro / Rec:	.534-.554" V/REC (13.570-14.070 MM)	
Castings Numbers:	Block #:402022501					
Notes:	HERCULES G-1600, 2.7L, USED BY DAEWOO, SWEEPER					
CATERPILLAR	3.0	181		3034		3034
New Height:	3.148-3.151" (79.950-80.050 MM)					
Notes:	DIESEL					
CATERPILLAR	3.9	236		T60		T60
New Height:	4.0475-4.0775" (102.807-103.569 MM)			Min Height:	4.0375" (102.553 MM)	
Intake Pro / Rec:	.036-.045" V/REC (.914-1.143 MM)			Exhaust Pro / Rec:	.062-.081" V/PRO (1.575-2.057 MM)	
Notes:	GAS, PERKINS, ALSO MODEL T80, 100, 110					
CATERPILLAR	4.0	244		3054		3054
Intake Pro / Rec:	.055-.067" V/REC (1.400-1.700 MM) *			Exhaust Pro / Rec:	.059-.071" V/REC (1.500-1.800 MM) *	
Notes:	DIESEL, 7BJ TYPE 2 ENGINE, SMALLER VALVE STEM					
Comments:	* MAX V/REC: INTAKE .077" (1.950 MM), EXHAUST .081" (2.050 MM)					
CATERPILLAR	4.0	244		3054	97-02	3054
New Height:	4.047-4.078" (102.794-103.581 MM)			Min Height:	4.035" (102.489 MM)	
Intake Pro / Rec:	.050-.063" REC (1.27-1.6 MM) *			Exhaust Pro / Rec:	.050-.072" REC (1.27-1.829 MM) *	
Notes:	DIESEL,416C BACKHOE,426B,NATURAL ASPIRATED, TYPE 1					
Comments:	* MAX V/REC: INTAKE .073, EXHAUST .082					
CATERPILLAR	4.0	244	TURBO	3054	97-02	3054
New Height:	4.047-4.078" (102.794-103.581 MM)			Min Height:	4.035" (102.489 MM)	
Intake Pro / Rec:	.050-.063" REC (1.27-1.6 MM) *			Exhaust Pro / Rec:	.050-.072" REC (1.27-1.829 MM) *	
Notes:	416C, TURBO, DIESEL, BACKHOE, 426B, TYPE 1 ENGINE					
Comments:	* MAX V/REC: INTAKE .073, EXHAUST .082					
CATERPILLAR	4.1	251	1	922		63A
Intake Pro / Rec:	.067" MIN V/REC (1.702 MM)			Exhaust Pro / Rec:	.067" MIN V/REC (1.702 MM)	
Notes:	WHEEL LOADER, 63A, 16A-10, GROUP 40.1					
CATERPILLAR	4.1	252		D2		D2
New Height:	4.375" (111.125 MM)			Min Height:	4.330" (109.982 MM)	
Intake Pro / Rec:	.067" MAX V/PRO (1.702 MM)			Exhaust Pro / Rec:	.067" MAX V/PRO (1.702 MM)	
Castings Numbers:	Head #:2M6757, 4L5697, 4L7718, 5M7600, 8H8805 Block #: 5M2800, 8H6300					
Notes:	63B, 51B, D2 TRACTOR					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
CATERPILLAR				4 Cylinders		(cont.)
CATERPILLAR	4.1	252		D311		D311
New Height:	4.375" (111.125 MM)			Min Height:	4.330" (109.982 MM)	
Intake Pro / Rec:	.067" MAX V/PRO (1.702 MM)			Exhaust Pro / Rec:	.067" MAX V/PRO (1.702 MM)	
Notes:	42A					
CATERPILLAR	4.1	252		D311H		D311H
New Height:	4.375" (111.125 MM)			Min Height:	4.330" (109.982 MM)	
Intake Pro / Rec:	.067" MAX V/PRO (1.702 MM)			Exhaust Pro / Rec:	.067" MAX V/PRO (1.702 MM)	
Notes:	63B, 51B, D2 TRACTOR					
CATERPILLAR	4.1	252		D320		D320
New Height:	4.375" (111.125 MM)			Min Height:	4.330" (109.982 MM)	
Intake Pro / Rec:	.067" MAX V/PRO (1.702 MM)			Exhaust Pro / Rec:	.067" MAX V/PRO (1.702 MM)	
Notes:	63B, 51B, D2 TRACTOR					
CATERPILLAR	4.1	252		D320A		D320A
New Height:	4.375" (111.125 MM)			Min Height:	4.330" (109.982 MM)	
Intake Pro / Rec:	.067" MAX V/PRO (1.702 MM)			Exhaust Pro / Rec:	.067" MAX V/PRO (1.702 MM)	
Notes:	63B, 51B, D2 TRACTOR					
CATERPILLAR	4.3	259		120B		S4K & S4K-T
Intake Pro / Rec:	.016" V/REC (.406 MM)			Exhaust Pro / Rec:	.020" V/REC (.508 MM)	
Notes:	DIESEL, & S4K-T TURBO, WATER COOLED, DIRECT INJ, OHV					
CATERPILLAR	4.3	260		3064		3064
New Height:	3.736-3.744" (94.894-95.098 MM)			Min Height:	3.728" (94.691 MM)	
Intake Pro / Rec:	.006-.026" V/REC (.152-.66 MM)			Exhaust Pro / Rec:	.010-.030" V/REC (.254-.762 MM)	
Notes:	3064 DIESEL ENGINE					
CATERPILLAR	4.4	269		3114	89-94	3114
New Height:	4.0470-4.0630" (102.794-103.2 MM)			Min Height:	4.0370" (102.54 MM)	
Intake Pro / Rec:	.044-.081 V/REC" (1.118-2.057 MM)			Exhaust Pro / Rec:	.059-.087 V/REC" (1.499-2.21 MM)	
Notes:	3114 TRUCK					
CATERPILLAR	5.1	312		955		D315 (2)
New Height:	4.3750-4.3800" (111.125-111.252 MM)			Min Height:	4.3300" (109.982 MM)	
Intake Pro / Rec:	.082-.128" V/PRO (2.083-3.251 MM)			Exhaust Pro / Rec:	.082-.128" V/PRO (2.083-3.251 MM)	
Notes:	4.250 MAIN H/B D4, 955					
CATERPILLAR	5.1	312		955		D315
New Height:	4.3750-4.3800" (111.125-111.252 MM)			Min Height:	4.3300" (109.982 MM)	
Intake Pro / Rec:	.082-.128" V/PRO (2.083-3.251 MM)			Exhaust Pro / Rec:	.082-.128" V/PRO (2.083-3.251 MM)	
Notes:	955, 60A, 61H, D4, 39A, 40.78A, 22C, 20J					
CATERPILLAR	5.2	318	DI	3204		3204
New Height:	3.769-3.7719** (95.733-95.806 MM)			Min Height:	3.758" (95.453 MM)	
Intake Hgt:	2.048-2.078" (52.019-52.781 MM)			Exhaust Hgt:	2.048-2.078" (52.019-52.781 MM)	
Intake Pro / Rec:	.036-.068 V/REC" (.914-1.727 MM)			Exhaust Pro / Rec:	.050-.085 V/REC" (1.27-2.159 MM)	
Notes:	2TB1, 7EB1 DIRECT INJECTION					
Comments:	* MEASURED @ FUEL INJECTOR BOSS **TAPERED VLV/STM, SMALL DIM @ HEAD OF VALVE					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
CATERPILLAR				4 Cylinders (cont.)		
CATERPILLAR	5.2	318	DI(2)	3204		3204
New Height:	3.7850-3.7910" (96.139-96.291 MM) *			Min Height:	3.7740" (95.86 MM) *	
Intake Hgt:	2.048-2.078" (52.019-52.781 MM)			Exhaust Hgt:	2.048-2.078" (52.019-52.781 MM)	
Intake Pro / Rec:	.036-.068" V/REC (.914-1.727 MM)			Exhaust Pro / Rec:	.050-.085" V/REC (1.27-2.159 MM)	
Castings Numbers:	Head #: 7W9389X, 9N2362X, 9N275X Block #: 4N100, 7N8600X					
Notes:	45V1, 10X1, DIRECT INJ, TAPERED ROD					
Comments:	* MEASURED @ FUEL INJECTOR BOSS			**TAPERED VLV/STM,SML DIM @ HD OF VLV	*** SPRING	
	# 9N3617			SPRING # 1W3617		
CATERPILLAR	5.2	318	PC	3204		3204
New Height:	3.735-3.745** (94.869-95.123 MM)			Min Height:	3.724" (94.59 MM)	
Intake Hgt:	2.127-2.167" (54.026-55.042 MM)			Exhaust Hgt:	2.127-2.167" (54.026-55.042 MM)	
Intake Pro / Rec:	.025-.060" V/PRO (.635-1.524 MM)			Exhaust Pro / Rec:	.015-.040" V/PRO (.381-1.016 MM)	
Castings Numbers:	Head #: 1W1587, 9N0275, 9N0275X, 9N2362, 9N2757, 9N275X, 9N5215 Block #: 4N100, 7N8600X					
Notes:	45V1, INDIRECT INJECTION, STRAIGHT ROD, PRE- CUP					
Comments:	* MEASURED @ SPRING SEAT POCKET			**TAPERED VLV/STM,SML DIM @ HD OF VLV		
CATERPILLAR	5.7	350	CB	D330		D330
New Height:	3.940" (100.076 MM)			Min Height:	3.895" (98.933 MM)	
Intake Pro / Rec:	.088-.134" V/PRO (2.235-3.404 MM)			Exhaust Pro / Rec:	.111-.157" V/PRO (2.819-3.988 MM) *	
Castings Numbers:	Head #: 1M2967, 2S8990, 2S9000, 2S9010, 3R1009, 5S1840, 5S1850, 7H1896, 7M2130, 8M660, 8M670, 8S7130, 9H3800 Block #: 1S2460, 1S6796, 1S6797, 4M4302, 4M5400, 4M9168, 4S8500, 5S4129, 7M4300, 7M4301, 7M4302, 7M4303, 7M7300, 8M4900, 8S3200					
Notes:	CB BLK, PC HD, #S 56, 57B1;81B1					
Comments:	*VLV 7S6767; VLV 5S7232 V/PRO: .080-.134					
CATERPILLAR	5.7	350	D4	D330		D4
New Height:	5.990" (141.986 MM)					
Intake Pro / Rec:	.082-.128" V/PRO (2.083-3.251 MM)			Exhaust Pro / Rec:	.082-.128" V/PRO (2.083-3.251 MM) *	
Castings Numbers:	Head #: 1M2967, 2S8990, 2S9000, 2S9010, 8M670 Block #: 1S2460, 1S6796, 1S6797, 4M5400, 4M9168, 4S8500, 5S4129					
Notes:	CB BLK, PC HD, #78A					
CATERPILLAR	7.0	425	CB	3304		3304
New Height:	3.908-3.968" (99.270-100.790 MM)			Min Height:	3.895" (98.933 MM)	
Intake Pro / Rec:	.088-.134" V/PRO (2.235-3.404 MM)			Exhaust Pro / Rec:	.111-.157" * V/PRO (2.819-3.988 MM)	
Castings Numbers:	Head #: 2P0204, 2P204, 2P648, 2P6484, 2P6485, 2W654, 2W854, 3N3991, 4N7444, 5C6544, 6N8015, 6N8016, 6N8821, 6N8864, 6N8872, 6N8873, 6N8874, 7N1110, 7N8514, 7N8524, 8N1188, 8N1454, 8N404 Block #: 6A6397, 6M8127, 8S3200					
Notes:	CB BLK, PC HD, #2, 4, 5B 48V1, 78P1					
Comments:	* VLV 7S6767; VLV 5S7232 V/PRO: .080-.134". ** 7N4448: SEAT INSERT BORE DIAM=2.0452-2.0462" (51.948-51.974 MM), SEAT INSERT BORE DEPTH=.344-.354" (80730-8.990 MM), SEAT OUTSIDE DIAM=2.0480-2.0490" (52.019-52.045 MM)					
CATERPILLAR	7.0	425	CB	D330C		D330C
New Height:	3.9400" (100.076 MM)			Min Height:	3.895" (98.933 MM)	
Intake Pro / Rec:	.088-.134" V/PRO (2.235-3.404 MM)			Exhaust Pro / Rec:	.111-.157" V/PRO (2.819-3.988 MM) *	
Castings Numbers:	Head #: 1M2967, 2S8990, 2S9000, 2S9010, 5S1850, 5S6700, 7H1896, 7L568, 7S2222, 7S7070, 8M660, 8M670, 8S7110, 8S7130, 9H3800 Block #: 5S5300					
Notes:	CB BLK, PC HD, #S 2, 3, 5B1; 48V1, 78P1					
Comments:	*VLV 7S6767; VLV 5S7232 V/PRO: .080-.134					
CATERPILLAR	7.0	425	DI	3304		3304
New Height:	3.940" (100.076 MM)			Min Height:	3.895" (98.933 MM)	
Intake Pro / Rec:	.006" MIN V/REC (.152 MM)			Exhaust Pro / Rec:	.026" MIN V/REC (.66 MM)	
Castings Numbers:	Head #: 4W6504, 7C3904 Block #: 6A6397, 6M8127					
Notes:	SCROLL FUEL, SP BLK, DI HD, 7Z, 9Z, 12Z					
CATERPILLAR	7.0	425	NG	3304		3304
New Height:	3.908-3.968" (99.270-100.790 MM)					
Intake Pro / Rec:	.066" V/PRO (1.680 MM), MAX .140"			Exhaust Pro / Rec:	.056" V/PRO (1.420 MM), MAX .140"	
Notes:	NATURAL GAS, ENGINE SERIAL #7Y291-UP					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
CATERPILLAR				4 Cylinders		(cont.)
CATERPILLAR	7.0	425	SP	3304		3304
New Height:	3.940" (100.076 MM)			Min Height:	3.895" (98.933 MM)	
Intake Pro / Rec:	.088-.134" V/PRO (2.235-3.404 MM)			Exhaust Pro / Rec:	.111-.157" V/PRO (2.819-3.988 MM) *	
Casting Numbers:	Head #:2P0204, 5C6544, 6N8015, 6N8016, 6N8821, 6N8864, 6N8872, 6N8873, 7N1110, 7N8514, 8N404 Block #: 6A6397, 6M8127					
Notes:	SP BLK, DI HD, #2, 4, 5B; 48V1, 78P1					
Comments:	*VLV 7S6767; VLV 5S7232 V/PRO: .080-.134					
CATERPILLAR	7.0	425	SP	D330C		D330C
New Height:	3.940" (100.076 MM)			Min Height:	3.895" (98.933 MM)	
Intake Pro / Rec:	.088-.134" V/PRO (2.235-3.404 MM)			Exhaust Pro / Rec:	.111-.157" V/PRO (2.819-3.988 MM) *	
Casting Numbers:	Head #:1M2967, 2S8990, 2S9000, 2S9010, 5S1850, 5S6700, 7H1896, 7L568, 7S2222, 7S7070, 8M660, 8M670, 8S7110, 8S7130, 9H3800					
Notes:	SP BLK, DI HD					
Comments:	*VLV 7S6767; VLV 5S7232 V/PRO: .080-.134					
CATERPILLAR	9.8	595		824		824
Intake Pro / Rec:	.099-.127" V/PRO (2.515-3.226 MM)			Exhaust Pro / Rec:	.099-.128" V/PRO (2.515-3.251 MM)	
Notes:	29G, WHEEL TRACTORS & COMPACTORS, 13A-10, GROUP 40.1					
CATERPILLAR	9.8	597		340		340
New Height:	6.6000" (167.64 MM)			Min Height:	6.5650" (166.751 MM)	
Casting Numbers:	Head #:5M3700, 8M200 Block #: 4M9200					
Notes:	DIESEL					
CATERPILLAR	13.6	831		7700		7700
New Height:	5.3750" (136.525 MM)			Min Height:	5.3250" (135.255 MM)	
Intake Pro / Rec:	.076-.130" V/PRO (1.93-3.302 MM)			Exhaust Pro / Rec:	.134-.185" V/PRO (3.404-4.699 MM)	
Casting Numbers:	Head #:1F9672, 1F9672, 1M2960, 2F5317, 2F5319, 3B3187, 4H7104, 6B5142, 6F4919, 6F4949, 7B9160 Block #: 1F9777, 1M4844, 1S7602, 4S6840, 5H1408, 6B2476, 6H6791, 7H1004, 9M4200, 9M4208					
CATERPILLAR	13.6	831		8800		8800
New Height:	5.3750" (136.525 MM)			Min Height:	5.3250" (135.255 MM)	
Intake Pro / Rec:	.076-.130" V/PRO (1.93-3.302 MM)			Exhaust Pro / Rec:	.134-.185" V/PRO (3.404-4.699 MM)	
Casting Numbers:	Block #:1F9777					
Notes:	13.6L					
CATERPILLAR	13.6	831	1	D339		D339
New Height:	5.375" (136.525 MM)			Min Height:	5.325" (135.255 MM)	
Intake Pro / Rec:	.134-.185" V/PRO" (3.404-4.699 MM)			Exhaust Pro / Rec:	.076-.130" V/PRO (1.93-3.302 MM)	
Casting Numbers:	Head #:1F9672, 1M2960, 2F5319, 4H7104, 6F4919, 7B9160 Block #: 1M4844, 4S6840					
Notes:	EARLY 47, 48A1;64, 65A1					
Comments:	*LATE: 5/8" STUD=60,150 FT/LBS-USSES THICK HARDENED WASHER & 7/8" STUD=150,300 FT/LB-USSES THICK HARDENED WASHER					
CATERPILLAR	13.6	831	1	D7		D7
New Height:	5.375" (136.525 MM)			Min Height:	5.325" (135.255 MM)	
Intake Pro / Rec:	.134-.185" V/PRO (3.404-4.699 MM)			Exhaust Pro / Rec:	.076-.130" V/PRO (1.93-3.302 MM)	
Casting Numbers:	Head #:1F9672, 1M2960, 2F5319, 4H7104, 6F4919, 7B9160 Block #: 1M4844, 4S6840, 9M4201					
Notes:	EARLY 47, 48A1;64, 65A1					
Comments:	*LATE: 5/8" STUD=60,150 FT/LBS (USES THICK HRDND WASH) & 7/8" STUD=150,300 FT/LBS (USES THICK HRDND WASH)					
CATERPILLAR	13.6	831	2	D339		D339
New Height:	5.375" (136.525 MM)			Min Height:	5.325" (135.255 MM)	
Intake Pro / Rec:	.134-.185" V/PRO (3.404-4.699 MM)			Exhaust Pro / Rec:	.076-.130" V/PRO (1.93-3.302 MM)	
Casting Numbers:	Head #:1F9672, 1M2960, 2F5319, 4H7104, 6F4919, 7B9160 Block #: 1M4844, 4S6840, 9M4201					
Notes:	LATE 47, 48A1 64, 65A1					
Comments:	*LATE: 5/8" STUD=60,150 FT/LBS-USSES THICK HRDND WASH & 7/8" STUD=150,300 FT/LB-USSES THICK HRDND WASH					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
CATERPILLAR				4 Cylinders (cont.)		
CATERPILLAR	13.6	831	2	D7		D7
New Height:	5.375" (136.525 MM)			Min Height:	5.325" (135.255 MM)	
Intake Pro / Rec:	.134-.185" V/PRO (3.404-4.699 MM)			Exhaust Pro / Rec:	.076-.130" V/PRO (1.93-3.302 MM)	
Castings Numbers:	Head #: 1F9672, 1M2960, 2F5319, 4H7104, 6F4919, 7B9160 Block #: 1M4844, 4S6840, 9M4201					
Notes:	LATE 47, 48A1 64, 65A1					
Comments:	*LATE: 5/8" STUD=60,150 FT/LBS (USES THICK HRDND WASH) 7/8" STUD= 150,300 FT/LBS (USES THICK HRDND WASH)					
CATERPILLAR	13.6	831	3	D339		D339
New Height:	5.375" (136.525 MM)			Min Height:	5.325" (135.255 MM)	
Intake Pro / Rec:	.134-.185" V/PRO (3.404-4.699 MM)			Exhaust Pro / Rec:	.076-.130" V/PRO (1.93-3.302 MM)	
Castings Numbers:	Head #: 1F9672, 1M2960, 2F5319, 4H7104, 6F4919, 7B9160 Block #: 1M4844, 4S6840					
Notes:	4.114 H/B BLK, D-7 TRACTOR					
Comments:	*LATE" 5/8" STUD=60,150 FT/LB-USES THICK HRDND WASH & 7/8" STUD=150,300 FT/LB-USES THICK HRDND WASH					
CATERPILLAR	13.6	831	4	D339		D339
New Height:	5.375" (136.525 MM)			Min Height:	5.325" (135.255 MM)	
Intake Pro / Rec:	.134-.185 V/PRO" (3.404-4.699 MM)			Exhaust Pro / Rec:	.076-.130 V/PRO" (1.93-3.302 MM)	
Castings Numbers:	Head #: 1F9672, 1M2960, 2F5319, 4H7104, 6F4919, 7B9160 Block #: 1M4844, 1S7602, 4S6840, 5H1408, 6B2476, 7H1004, 9M4200, 9M4201, 9M4208					
Notes:	3.875 THRUST WIDTH					
Comments:	*LATE: 5/8" STUD= 60,150 FT/LB-USES THICK HRDND WASH & 7/8" STUD=150,300 FT/LB-USES THICK HRDND WASH					
CATERPILLAR	13.6	831	5	D339		D339
New Height:	5.375" (136.525 MM)			Min Height:	5.325" (135.255 MM)	
Intake Pro / Rec:	.134-.185" V/PRO (3.404-4.699 MM)			Exhaust Pro / Rec:	.076-.130" V/PRO (1.93-3.302 MM)	
Castings Numbers:	Head #: 1F9672, 1M2960, 2F5319, 4H7104, 6F4919, 7B9160 Block #: 1M4844, 1S7602, 4S6840, 5H1408, 6B2476, 7H1004, 9M4200, 9M4201, 9M4208					
Notes:	4.875 THRUST WIDTH					
Comments:	*LATE: 5/8" STUD=60,150 FT/LB-USES THICK HRDND WASH & 7/8" STUD=150,300 FT/LB-USES THICK HRDND WASH					
CATERPILLAR				6 Cylinders		
CATERPILLAR	5.0	304		3046		3046
New Height:	3.739-3.741" (94.971-95.021 MM)			Min Height:	3.728" (94.691 MM)	
Intake Pro / Rec:	.008-.024" REC (.203-.61 MM) *			Exhaust Pro / Rec:	.012-.028" REC (.305-.711 MM) *	
Notes:	DIESEL					
Comments:	* MAX V/REC .039 I & E					
CATERPILLAR	5.0	305		DP40		S6S
New Height:	3.3410-3.3430" (84.861-84.912 MM) *					
Intake Pro / Rec:	.008-.024" V/REC (.200-.600 MM)			Exhaust Pro / Rec:	.012-.028" V/REC (.300-.800 MM)	
Notes:	DIESEL, DP50, DP60, DP70, MITSUBISHI S6S ENGINE					
Comments:	* REPORTED MEMBER # 1307 06-17-2005 MC					
CATERPILLAR	5.4	330		922		922
Intake Pro / Rec:	.099" V/PRO (2.515 MM)			Exhaust Pro / Rec:	.156" V/PRO (3.962 MM)	
Notes:	63A, 17A-10, GROUP 40					
CATERPILLAR	6.4	389		S6K		S6K, S6K-T
Intake Pro / Rec:	.016" V/REC (.406 MM)			Exhaust Pro / Rec:	.020" V/REC (.508 MM)	
Notes:	DIESEL, & S6K-T TURBO, WATER COOLED, DIRECT INJ, OHV					
CATERPILLAR	6.4	390		3066		7JK1
New Height:	3.736-3.744" (94.894-95.098 MM)			Min Height:	3.728" (94.691 MM)	
Intake Pro / Rec:	.006-.026" V/REC (.152-.66 MM)			Exhaust Pro / Rec:	.010-.030" V/REC (.254-.762 MM)	
Castings Numbers:	Head #: 20909, 60610 Block #: T1A6527					
Notes:	3066 DIESEL					
CATERPILLAR	6.6	403		3116	89-95	3116
New Height:	4.047-4.063" (102.794-103.2 MM)			Min Height:	4.0370" (102.54 MM)	
Intake Pro / Rec:	.044-.081" V/REC (1.118-2.057 MM)			Exhaust Pro / Rec:	.059-.087" V/REC (1.499-2.21 MM)	
Castings Numbers:	Head #: 7W3277					
Notes:	DIESEL, GM TRUCK & IND					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
CATERPILLAR				6 Cylinders (cont.)		
CATERPILLAR	7.2	439		3126	95-02	3126
New Height:	4.0480-4.0630" (102.819-103.2 MM)			Min Height:	4.0370" (102.54 MM)	
Intake Pro / Rec:	.044-.081" V/REC (1.118-2.057 MM)			Exhaust Pro / Rec:	.085-.112" V/REC (2.159-2.845 MM)	
Notes:	1WM MARINE, 953 TRUCK LOADER SAME FAMILY AS 3116					
CATERPILLAR	7.2	439		3126B		3126B
New Height:	6.226" (158.050 MM)			Min Height:	6.214" (157.850)	
Intake Pro / Rec:	.043-.067" V/REC (1.090-1.710 MM)			Exhaust Pro / Rec:	.043-.067" V/REC (1.090-1.710 MM)	
Notes:	DIESEL, 3 VALVES PER CYL, SERIAL #8YL3126B					
CATERPILLAR	8.6	525		D318		D318
New Height:	4.3750-4.3800" (111.125-111.252 MM)			Min Height:	4.3300" (109.982 MM)	
Intake Pro / Rec:	.082-.128" V/PRO (2.083-3.251 MM)			Exhaust Pro / Rec:	.082-.128" V/PRO (2.083-3.251 MM)	
Notes:	3.895" MAIN HOUSING BORE					
CATERPILLAR	8.6	525		D318(2)		D318
New Height:	4.3750-4.3800" (111.125-111.252 MM)			Min Height:	4.3300" (109.982 MM)	
Intake Pro / Rec:	.082-.128" V/PRO (2.083-3.251 MM)			Exhaust Pro / Rec:	.082-.128" V/PRO (2.083-3.251 MM)	
Notes:	4.250 MAIN H/B					
Comments:	*W/SPACER 1.562" 55LBS..W/O SPACER 2.875" ASS HT					
CATERPILLAR	8.6	525	CB	1673		1673
New Height:	5.6000" (142.24 MM)			Min Height:	5.5280" (140.411 MM)	
Intake Pro / Rec:	.088-.134" V/PRO (2.235-3.404 MM)			Exhaust Pro / Rec:	.111-.157" V/PRO (2.819-3.988 MM) *	
Notes:	CB BLK, PC HD; 1L1;70, 74B1;78, 83B1					
Comments:	*VLV 7S6767; VLV 5S7232 V/PRO: .080-.134"					
CATERPILLAR	8.6	525	CB	D333		D333
New Height:	3.940" (100.076 MM)			Min Height:	3.895" (98.933 MM)	
Intake Hgt:	NATURAL GAS USES SPECIAL VALVES			Exhaust Hgt:	NATURAL GAS USES SPECIAL VALVE	
Intake Pro / Rec:	.088-.134" V/PRO (2.235-3.404 MM)			Exhaust Pro / Rec:	.111-.157" V/PRO (2.819-3.988 MM) *	
Notes:	CB BLK, PC HD, # 68.59B1; 79, 80B1; 87, 88B1					
Comments:	*VLV 7S6767; VALVE 5S7232 V/PRO: .080-.134"					
CATERPILLAR	10.3	629		3176	89-96	3176
New Height:	4.1300-4.1400" (104.902-105.156 MM)			Min Height:	4.1200" (104.648 MM)	
Intake Pro / Rec:	.083-.122" V/REC (2.108-3.099 MM)			Exhaust Pro / Rec:	.043-.081" V/REC (1.092-2.057 MM)	
Notes:	DI, 4 DIFF H/P RATINGS					
CATERPILLAR	10.3	629		3176C	97-02	3176C
New Height:	4.128-4.140" (104.851-105.156 MM)			Min Height:	4.108" (104.350 MM)	
Notes:	DIESEL, DIR INJ					
Comments:	* REDUCED SHANK: #1-26=109-131 FT/LBS +90r, #27-33=15-25 FT/LBS.					
CATERPILLAR	10.3	629		C10	96-02	C10
New Height:	4.128-4.140" (104.851-105.156 mm)			Min Height:	4.108" (104.350 mm)	
Notes:	DIESEL, DIR INJ, 2PN1 & UP					
Comments:	* REDUCED SHANK: #1-26=109-131 FT/LBS +90°, #27-33=15-25 FT/LBS					
CATERPILLAR	10.5	638		334		334
New Height:	3.4000" (86.36 MM)			Min Height:	3.3940" (86.208 MM)	
Intake Pro / Rec:	.050-.119" V/PRO (1.27-3.023 MM)			Exhaust Pro / Rec:	.050-.119" V/PRO (1.27-3.023 MM)	
Notes:	D334 DIESEL					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
CATERPILLAR				6 Cylinders (cont.)		
CATERPILLAR	10.5	638	1	1674		1674
New Height:	3.398-3.402" (86.309-86.411 MM)			Min Height:	3.3940" (86.208 MM)	
Intake Pro / Rec:	.050-.119" V/PRO (1.27-3.023 MM)			Exhaust Pro / Rec:	.050-.119" V/PRO (1.27-3.023 MM)	
Casting Numbers:	Head #: 3S7707, 4S5279, 9S4848 Block #: 7S9098, 7S9889					
Notes:	5S6130 S/P; 92, 93, 94B					
CATERPILLAR	10.5	638	1	D334		D334
New Height:	3.398-3.402" (86.309-86.411 MM)			Min Height:	3.3940" (86.208 MM)	
Intake Pro / Rec:	.050-.119" V/PRO (1.27-3.023 MM)			Exhaust Pro / Rec:	.050-.119" V/PRO (1.27-3.023 MM)	
Casting Numbers:	Head #: 3S7707, 4S5279, 9S4848 Block #: 7S9098, 7S9889					
Notes:	5S6130 S/P; 92, 93, 94B					
CATERPILLAR	10.5	638	2	1674		1674
New Height:	3.398-4.402" (86.309-111.811 MM)			Min Height:	3.3940" (86.208 MM)	
Intake Pro / Rec:	.050-.119" V/PRO (1.27-3.023 MM)			Exhaust Pro / Rec:	.050-.119" V/PRO (1.27-3.023 MM)	
Casting Numbers:	Head #: 3S7707, 4S5279, 9S4848 Block #: 5S6201, 7S9098, 7S9889					
Notes:	7S9897 S/P; 92, 93, 94B					
CATERPILLAR	10.5	638	2	D334		D334
New Height:	3.4000" (86.36 MM)			Min Height:	3.3940" (86.208 MM)	
Intake Pro / Rec:	.050-.119" V/PRO" (1.27-3.023 MM)			Exhaust Pro / Rec:	.050-.119" V/PRO" (1.27-3.023 MM)	
Casting Numbers:	Head #: 3S7707, 4S5279, 9S4848 Block #: 5S6201, 7S9098, 7S9889					
Notes:	7S9897 S/P; 92, 93, 94B					
Comments:	PRE CHAMBER MUST BE INDEXED FOR GLOW PLUG					
CATERPILLAR	10.5	638	3	1674		1674
New Height:	3.398-4.402" (86.309-111.811 MM)			Min Height:	3.3940" (86.208 MM)	
Intake Pro / Rec:	.050-.119" V/PRO (1.27-3.023 MM)			Exhaust Pro / Rec:	.050-.119" V/PRO (1.27-3.023 MM)	
Casting Numbers:	Head #: 3S7707, 4S5279, 9S4848 Block #: 7S9098, 7S9889					
Notes:	2P1463 S/P; 92, 93, 94B					
CATERPILLAR	10.5	638	3	D334		D334
New Height:	3.4000" (86.36 MM)			Min Height:	3.3940" (86.208 MM)	
Intake Pro / Rec:	.050-.119" V/PRO (1.27-3.023 MM)			Exhaust Pro / Rec:	.050-.119" V/PRO (1.27-3.023 MM)	
Casting Numbers:	Head #: 3S7707, 4S5279, 9S4848 Block #: 7S9098, 7S9889					
Notes:	2P1463 S/P; 92, 93, 94B					
CATERPILLAR	10.5	638	CB	1673C		1673
New Height:	3.940" (100.076 MM)			Min Height:	3.895" (98.933 MM)	
Intake Pro / Rec:	.088-.134" V/PRO (2.235-3.404 MM)			Exhaust Pro / Rec:	.111-.157" V/PRO (2.819-3.988 MM) *	
Casting Numbers:	Head #: 1M30, 1P4302, 1P4303, 1P6368, 1P6369, 1P6370, 1S1600, 2M5417, 2P5192, 2P5193, 3S7707, 3S7707, 4M6822, 4S5279, 5D9999, 5L7312, 5L7314, 5R1511, 5S1870, 5S1880, 5S4100, 5S6666, 5S9999, 6L4407, 7L4395, 7L566, 7L869, 7S7069, 8M680, 8M690, 8S6500, 8S6510, 8S6520, 9S4848, 9S4848, 9S7100, 9S7101, 9S7514 Block #: 1S2460, 1S2460, 2P960, 2P960, 2S8888, 2S8888, 4M2950, 4M2950, 5S6777, 5S6777, 7M4400, 7M4400, 7S9098, 7S9889, 7S9889, 8M4890, 8M4890, 8S3300					
Notes:	CB BLK, PC HD, # 22C, 23C, 66D, 67D, 69D, 76R					
Comments:	*VLV 7S6767; VLV 5S7232 V/PRO .080-.134					
CATERPILLAR	10.5	638	CB	3306		3306
New Height:	3.908-3.968" (99.270-100.790 MM)			Min Height:	3.8950" (98.933 MM)	
Intake Pro / Rec:	.088-.134" V/PRO (2.235-3.404 MM)			Exhaust Pro / Rec:	.111-.157" V/PRO (2.819-3.988 MM) *	
Casting Numbers:	Head #: 2W656, 5S1884, 6N8877, 7N8516, 7N8526 Block #: 1S2460, 2P960, 2S8888, 4M2950, 5S6777, 7M4400, 8M4890, 8S3300					
Notes:	CB BLK, PC HD, # 22C, 23C, 66D, 67D, 69D, 76R, 89P					
Comments:	* VALVE #7S6767; VALVE #5S7232 V/PRO: .080-.134". ** 7N4448: SEAT INSERT BORE DIAM=2.0452-2.0462" (51.948-51.974 MM), SEAT INSERT BORE DEPTH=.344-.354" (8.730- 8.990 MM), SEAT OUTSIDE DIAM=2.0480-2.0490" (52.019-52.045 MM).					
CATERPILLAR	10.5	638	CB	D333C		D333C
New Height:	3.940" (100.076 MM)			Min Height:	3.895" (98.933 MM)	
Intake Pro / Rec:	.088-.134" V/PRO (2.235-3.404 MM)			Exhaust Pro / Rec:	.111-.157" V/PRO (2.819-3.988 MM) *	
Casting Numbers:	Block #: 1S2460, 2P960, 2S8888, 4M2950, 5S6777, 7M4400, 8M4890, 8S3300					
Notes:	CB BLK, PC HD, 22, 23C1, 66, 67.68, 70R1, 88B1					
Comments:	*VLV 7S6767; VLV 5S7232 V/PRO: .080-.134					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
CATERPILLAR						6 Cylinders (cont.)
CATERPILLAR	10.5	638	DI	3306		3306
New Height:	3.940" (100.076 MM)			Min Height:	3.895" (98.933 MM)	
Intake Pro / Rec:	.006" MIN V/REC (.152 MM)			Exhaust Pro / Rec:	.026" MIN V/REC (.66 MM)	
Casting Numbers:	Head #: 1W556, 4W6056, 7C3906, 7N8856, 7N8866 Block #: 1S2460, 2P960, 2S8888, 4M2950, 5S6777, 7M4400, 8M4890, 8S3300					
Notes:	SCROLL FUEL, SP BLK, DI HD, 7Z, 9Z, 12Z					
CATERPILLAR	10.5	638	NG	3306		3306
New Height:	3.908-3.968" (99.270-100.790 MM)					
Intake Pro / Rec:	.066" V/PRO (1.680 MM), MAX .140"			Exhaust Pro / Rec:	.056" V/PRO (1.420 MM), MAX .140"	
Notes:	NATURAL GAS ENGINE, SERIAL #37Y1-UP					
CATERPILLAR	10.5	638	SP	1673C		1673
New Height:	3.940" (100.076 MM)			Min Height:	3.895" (98.933 MM)	
Intake Pro / Rec:	.088-.134" V/PRO (2.235-3.404 MM)			Exhaust Pro / Rec:	.111-.157" V/PRO (2.819-3.988 MM) *	
Casting Numbers:	Block #: 1S2460, 2P960, 2S8888, 4M2950, 5S6777, 7M4400, 7S9098, 7S9889, 8M4890, 8S3300					
Notes:	SP BLK, DI HD					
Comments:	*VLV 7S6767; VLV 5S7232 V/PRO: .080-.134					
CATERPILLAR	10.5	638	SP	3306		3306
New Height:	3.940" (100.076 MM)			Min Height:	3.895" (98.933 MM)	
Intake Pro / Rec:	.006" MIN V/REC (.152 MM)			Exhaust Pro / Rec:	.026" MIN V/REC (.66 MM)	
Casting Numbers:	Head #: 1W556, 1W5560, 2W5560, 4W6056, 7C3906, 7N8856, 7N8866 Block #: 1S2460, 2P960, 2S8888, 4M2950, 5S6777, 7M4400, 8M4890, 8S3300					
Notes:	SP BLK, DI HD					
CATERPILLAR	10.5	638	SP	3306		3306B
New Height:	3.940" (100.076 MM)			Min Height:	3.895" (98.933 MM)	
Intake Pro / Rec:	.006" MIN V/REC (.152 MM)			Exhaust Pro / Rec:	.026" MIN V/REC (.66 MM)	
Casting Numbers:	Head #: 1W5320, 2P6487, 7N8526, 7W8306, 8N1446, 8N4802, OR1370, OR1371, OR2608 Block #: 1S2460, 2P960, 2S8888, 4M2950, 5S6777, 7M4400, 8M4890, 8S3300					
Notes:	3306 B SP BLK, DI HD					
CATERPILLAR	10.5	638	SP	3306		3306C
New Height:	3.940" (100.076 MM)			Min Height:	3.895" (98.933 MM)	
Intake Pro / Rec:	.006" MIN V/REC (.152 MM)			Exhaust Pro / Rec:	.026" MIN V/REC (.66 MM)	
Casting Numbers:	Head #: 4W7406 Block #: 7N5456, 8S3300					
Notes:	3306 C, SP BLOCK, DI HD					
Comments:	*VLV 7S6767; VLV 5S7232 V/PRO .080-.134					
CATERPILLAR	10.5	638	SP	D333C		D333C
New Height:	3.940" (100.076 MM)			Min Height:	3.895" (98.933 MM)	
Intake Pro / Rec:	.088-.134" V/PRO (2.235-3.404 MM)			Exhaust Pro / Rec:	.111-.157" V/PRO" (2.819-3.988 MM)	
Casting Numbers:	Block #: 1S2460, 2P960, 2S8888, 4M2950, 5S6777, 7M4400, 8M4890, 8S3300					
Notes:	SP BLK, DI HD, #22C, 23C, 66D, 67D, 69D, 76R					
Comments:	*VLV 7S6767; VLV 5S7232 V/PRO: .080-.134					
CATERPILLAR	12.0	730		C12	96-03	C12
New Height:	4.128-4.140" (104.850-105.150 MM)			Min Height:	4.108" (104.343 MM)	
Intake Pro / Rec:	.092-.098" V/REC (2.337-2.489 MM)			Exhaust Pro / Rec:	.058-.062" (1.473-1.575 MM)	
Casting Numbers:	Head #: 4P8510					
Notes:	DIESEL, DIR INJ, 1YN1 & UP					
CATERPILLAR	12.2	744		D326		D326
New Height:	4.750" (120.65 MM)			Min Height:	4.700" (119.38 MM)	
Intake Pro / Rec:	.074-.114 V/PRO" (1.88-2.896 MM)			Exhaust Pro / Rec:	.068-.114 V/PRO" (1.727-2.896 MM)	
Casting Numbers:	Head #: 1M838, 2H3349, 3H5553, 4M395, 4N395, 5H4232, 5H4332, 5H8300, 5H8418, 5H8505, 7H1895, 7M8149 Block #: 1M763, 3H5959, 5H2790, 5H2970, 7F9154, 7H1956					
Notes:	#39, 40B					
Comments:	* EARLY ENGINES USED HYDRAULIC LIFTERS					
CATERPILLAR	12.2	744		D337		D337
New Height:	4.750" (120.65 MM)			Min Height:	4.700" (119.38 MM)	
Intake Pro / Rec:	.074-.114" V/PRO (1.88-2.896 MM)			Exhaust Pro / Rec:	.068-.114" V/PRO (1.727-2.896 MM)	
Casting Numbers:	Head #: 1M838, 2H3349, 3H5553, 4M395, 4N395, 5H4232, 5H4332, 5H8300, 5H8418, 5H8505, 7H1895, 7M8149 Block #: 1M763, 3H5959, 5H2790, 5H2970, 7F9154, 7H1956					
Notes:	DW15, 20, 21; 619; #37, 38B					
Comments:	* EARLY ENGINES USED HYDRAULIC LIFTERS					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
CATERPILLAR				6 Cylinders (cont.)		
CATERPILLAR	12.5	763		C13	04-05	C13
New Height:	6.4950" (164.973 MM) REPORTED			Min Height:	6.4880" (164.795 MM)	
Intake Pro / Rec:	.110-.114" V/REC (2.794-2.896 MM) *			Exhaust Pro / Rec:	.049-.051" V/REC (1.245-1.295 MM) *	
Castings Numbers:	Head #:245-030					
Notes:	ON-HIGHWAY DIESEL, TURBO, 4 STROKE					
Comments:	* REPORTED					
CATERPILLAR	14.6	893		1693		1693
New Height:	6.6000" (167.64 MM)			Min Height:	6.5940" (167.488 MM)	
Intake Pro / Rec:	.099-.127" V/PRO (2.515-3.226 MM) *			Exhaust Pro / Rec:	.099-.127" V/PRO (2.515-3.226 MM) *	
Castings Numbers:	Head #:5M3600, 5S9600, 8M100, 8M2100, 9S3600 Block #: 1S800, 2S800, 4M4200, 7S3600					
Notes:	C/B BLK, DOHC, 65B782 UP					
Comments:	* V/PRO MEASURED FROM TOP OF VALVE-TOP OF VALVESEAT INSERT; NOT THE DECK FACE					
CATERPILLAR	14.6	893		3406		3406
New Height:	4.4400-4.4500" (112.776-113.03 MM)			Min Height:	4.3900" (111.506 MM)	
Intake Hgt:	2.740" (69.596 MM)			Exhaust Hgt:	2.740" (69.596 MM)	
Intake Pro / Rec:	.002-.048" V/REC (.051-1.219 MM)			Exhaust Pro / Rec:	.002-.048" V/REC (.051-1.219 MM)	
Castings Numbers:	Head #:1W1506, 4N1043, 4N267, 4W5170, 4W5197, 6N9466, 7N1300, 7W2200 Block #: 4N1200, 4N60, 6N9900, 7N1200					
Notes:	92U->					
CATERPILLAR	14.6	893		343		343
New Height:	6.6000" (167.64 MM)			Min Height:	6.5940" (167.488 MM)	
Intake Pro / Rec:	.075-.133" V/PRO (1.905-3.378 MM)			Exhaust Pro / Rec:	.075-.133" V/PRO (1.905-3.378 MM)	
Castings Numbers:	Head #:5M3600, 5S9600, 8M100, 8M2100, 9S3600 Block #: 1S800, 2S1800, 4M4200, 7S3600					
Notes:	S/P BLK, D343, 33B3028-> 62B6728->					
CATERPILLAR	14.6	893		C15	99-05	C15
New Height:	4.7180-4.7303" (119.850-120.150 MM)			Min Height:	4.7050" (119.500 MM)	
Intake Pro / Rec:	.087-.110" V/REC (2.200-2.800 MM)			Exhaust Pro / Rec:	.047-.071" V/REC (1.200-1.800 MM)	
Notes:	DIESEL					
CATERPILLAR	14.6	893		D343		D343
New Height:	6.6000" (167.64 MM)			Min Height:	6.5940" (167.488 MM)	
Intake Pro / Rec:	.099-.127" V/PRO (2.515-3.226 MM) *			Exhaust Pro / Rec:	.099-.127" V/PRO (2.515-3.226 MM) *	
Castings Numbers:	Head #:5M3600, 5S9600, 8M100, 8M2100, 9S3600 Block #: 1S800, 2S800, 4M4200					
Notes:	C/B BLK, DOHC, 33B1, 62B1.33B3					
Comments:	* V/PRO MEASURED FROM TOP OF VALVE TO TOP OF VALVE SEAT INSERT; NOT THE DECK FACE					
CATERPILLAR	14.6	893		G343		G343
New Height:	6.6000" (167.64 MM)			Min Height:	6.5940" (167.488 MM)	
Intake Pro / Rec:	.099-.127" V/PRO (2.515-3.226 MM) *			Exhaust Pro / Rec:	.099-.127" V/PRO (2.515-3.226 MM) *	
Castings Numbers:	Head #:8L8957 Block #: 1S800, 2S800, 4M4200					
Notes:	DOHC, 33B1, 62B1.33B3					
Comments:	* V/PRO MEASURED FROM TOP OF VALVE-TOP OF VALVE SEAT INSERT, NOT THE DECK FACE					
CATERPILLAR	14.6	893	1	1693		1693
New Height:	6.6000" (167.64 MM)			Min Height:	6.5940" (167.488 MM)	
Intake Pro / Rec:	.099-.127" V/PRO (2.515-3.226 MM) *			Exhaust Pro / Rec:	.099-.127" V/PRO (2.515-3.226 MM) *	
Castings Numbers:	Head #:5M3600, 5S9600, 8M100, 8M2100, 9S3600 Block #: 7S3600					
Notes:	DOHC, S/P, 2M6414 VALVE GUIDE					
Comments:	* V/PRO MEASURED FROM TOP OF VALVE-TOP OF VALVE SEAT INSERT; NOT THE DECK FACE					
CATERPILLAR	14.6	893	1	D343		D343
New Height:	6.6000" (167.64 MM)			Min Height:	6.5940" (167.488 MM)	
Intake Pro / Rec:	.099-.127" V/PRO (2.515-3.226 MM) *			Exhaust Pro / Rec:	.099-.127" V/PRO (2.515-3.226 MM) *	
Castings Numbers:	Head #:5M3600, 5S9600, 8M100, 8M2100, 9S3600 Block #: 1S800, 2S800, 4M4200					
Notes:	DOHC, C/B, 4N3666 VALVE GUIDE					
Comments:	* V/PRO MEASURED FROM TOP OF VALVE TO TOP OF VALVE SEAT INSERT; NOT THE DECK FACE					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
CATERPILLAR				6 Cylinders (cont.)		
CATERPILLAR	14.6	893	2	1693		1693
New Height:	6.6000" (167.64 MM)			Min Height:	6.5940" (167.488 MM)	
Intake Pro / Rec:	.099-.127" V/PRO (2.515-3.226 MM) *			Exhaust Pro / Rec:	.099-.127" V/PRO (2.515-3.226 MM) *	
Casting Numbers:	Head #:5M3600, 5S9600, 8M100, 8M2100, 9S3600 Block #: 7S3600					
Notes:	DOHC, S/P, 9S9040 VALVE GUIDE					
Comments:	* V/PRO MEASURED FROM TOP OF VALVE-TOP OF VALVE SEAT INSERT; NOT THE DECK FACE					
CATERPILLAR	14.6	893	3	1693		1693
New Height:	6.6000" (167.64 MM)			Min Height:	6.5940" (167.488 MM)	
Intake Pro / Rec:	.099-.127" V/PRO (2.515-3.226 MM) *			Exhaust Pro / Rec:	.099-.127" V/PRO (2.515-3.226 MM) *	
Casting Numbers:	Head #:5M3600, 5S9600, 8M100, 8M2100, 9S3600 Block #: 7S3600					
Notes:	DOHC, S/P, 4N3665 VALVE GUIDE					
Comments:	* V/PRO MEASURED FROM TOP OF VALVE-TOP OF VALVE SEAT INSERT; NOT THE DECK FACE					
CATERPILLAR	14.6	893	4	1693		1693
New Height:	6.6000" (167.64 MM)			Min Height:	6.5940" (167.488 MM)	
Intake Pro / Rec:	.099-.127" V/PRO (2.515-3.226 MM) *			Exhaust Pro / Rec:	.099-.127" V/PRO (2.515-3.226 MM) *	
Casting Numbers:	Head #:5M3600, 5S9600, 8M100, 8M2100, 9S3600 Block #: 7S3600					
Notes:	DOHC, S/P, 4N2236 VALVE GUIDE					
Comments:	* V/PRO MEASURED FROM TOP OF VALVE-TOP OF VALVE SEAT INSERT; NOT THE DECK FACE					
CATERPILLAR	14.6	893	B	3406		
New Height:	4.4400-4.4500" (112.776-113.03 MM)			Min Height:	4.3900" (111.506 MM)	
Intake Hgt:	2.740" (69.596 MM)			Exhaust Hgt:	2.740" (69.596 MM)	
Intake Pro / Rec:	+.008 TO -.048" (.203 TO -1.219 MM)			Exhaust Pro / Rec:	+.008 TO -.048" (.203 TO -1.219 MM)	
Casting Numbers:	Head #:1W1506, 4N1043, 4N267, 4W5170, 4W5197, 6N9466, 7N1300, 7W0006, 7W2200 Block #: 4N1200, 4N60, 6N9900, 7N1200					
Notes:	3406B SERIES, F7B1->					
CATERPILLAR	14.6	893	C	3406		91-95
New Height:	4.430-4.450" (112.522-113.03 MM)			Min Height:	4.390" (111.506 MM)	
Intake Pro / Rec:	+.008 TO -.048" (+.203 TO -1.219 MM)			Exhaust Pro / Rec:	+.008 TO -.048" (+.203 TO -1.219 MM)	
Casting Numbers:	Head #:9Y3777 Block #: 7E9432					
Notes:	3406C TRUCK					
CATERPILLAR	14.6	893	E	3406	93-05	5DS-1LW
New Height:	4.7250" * (120.015 MM)			Min Height:	4.7050" (119.507 MM)	
Intake Pro / Rec:	.086-.110" V/REC (2.184-2.794 MM)			Exhaust Pro / Rec:	.047-.071" V/REC (1.194-1.803 MM)	
Casting Numbers:	Head #:4P1599					
Notes:	3406E DIESEL TRUCK, OHC, 24 VALVE					
Comments:	* MEASURED @ HEAD BOLT BOSS ** CAUTION OVERSIZE CAM BEARINGS USED CATERPILLAR PART'S #2170751 +.010" AND # 2170752 +.030" *** DUAL SPRINGS AND DUAL SPRING ROTATERS REPLACES SINGLE SPRING #102-7655 AND SINGLE SPRING ROTATERS.					
CATERPILLAR	14.6	893	G	343		343
New Height:	6.6000" (167.64 MM)			Min Height:	6.5940" (167.488 MM)	
Casting Numbers:	Head #:8L8957					
Notes:	343G					
CATERPILLAR	14.6	893	SP	3406		3406
New Height:	4.4400-4.4500" (112.776-113.03 MM)			Min Height:	4.3900" (111.506 MM)	
Intake Hgt:	2.740" (69.596 MM)			Exhaust Hgt:	2.740" (69.596 MM)	
Intake Pro / Rec:	+.008 TO -.048" (.203 TO -1.219 MM)			Exhaust Pro / Rec:	+.008 TO -.048" (.203 TO -1.219 MM)	
Casting Numbers:	Head #:1W1506, 4N1043, 4N267, 4W5170, 4W5197, 6N9466, 7N1300, 7W2200 Block #: 4N60, 7N1200					
Notes:	90U & 91U, SPACER PLATE					
Comments:	3406B TRUCK					
CATERPILLAR	15.6	955		C16		C16
New Height:	4.7180-4.7303" (119.850-120.150 MM)			Min Height:	4.7050" (119.500 MM)	
Intake Pro / Rec:	.087-.110" V/REC (2.200-2.800 MM)			Exhaust Pro / Rec:	.047-.071" V/REC (1.200-1.800 MM)	
Notes:	DIESEL					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
CATERPILLAR				6 Cylinders (cont.)		
CATERPILLAR	20.4	1,246		13000		13000
New Height:	5.3750" (136.525 MM)			Min Height:	5.3250" (135.255 MM)	
Intake Pro / Rec:	MAX PRO .185" MIN PRO .137"			Exhaust Pro / Rec:	MAX PRO .130" MIN PRO .080"	
Castings Numbers:	Head #: 1F7196, 1F7206, 2F4690, 3B3184, 3S8455, 4H7258, 4L2536, 4N7258, 4S7476, 6F4923, 7N3480, 7N6357, 7N6359, 8H5980, 8N4229, 8N4230 Block #: 1F8528, 1P6100, 1S3263, 1S7600, 2M8100, 2P902, 4S46860, 4S6860, 5H1405, 6N5387, 6N5647, 7H1000, 7N3500, 7N3627, 8N4310					
Notes:	20.4 LTR, SMALL MAINS OLD D8					
Comments:	* .012" MAX ** .012" MAX					
CATERPILLAR	20.4	1,246		G342		G342
New Height:	5.382" (136.703 MM)			Min Height:	5.303" (134.7 MM)	
Intake Pro / Rec:	.137-.187" V/PRO (3.48-4.75 MM)			Exhaust Pro / Rec:	.080-.130" V/PRO (2.032-3.302 MM)	
Castings Numbers:	Head #: 4L2536, 4S476, 4S7476, 7N6359, 8N4230 Block #: 7N3480, 8N4310					
Notes:	S/P					
CATERPILLAR	20.4	1,246	1	D342		D342
New Height:	5.3775" (136.589 MM)			Min Height:	5.3030" (134.6 MM)	
Intake Pro / Rec:	.137-.187" V/PRO (3.48-4.75 MM)			Exhaust Pro / Rec:	.080-.130" V/PRO (2.032-3.302 MM)	
Castings Numbers:	Head #: 5N8501, 5N8521, 7N3480, 8N4674 Block #: 7N3480, 8N4310					
Notes:	S/P;31, 32B1, 17S1, 50V1					
CATERPILLAR	20.4	1,246	1	D8		D8
New Height:	5.382" (136.703 MM)			Min Height:	5.303" (134.7 MM)	
Intake Pro / Rec:	.134-.185" V/PRO (3.404-4.699 MM)			Exhaust Pro / Rec:	.076-.130" V/PRO (1.93-3.302 MM)	
Castings Numbers:	Head #: 1F7196, 1F7206, 2F4690, 3B3184, 3S8455, 4H7258, 4N7258, 6F4923 Block #: 1F8528, 1P6100, 1S3263, 1S7600, 2M8100, 2P902, 4S4686, 5H1405					
Notes:	C/B BLK 14A					
Comments:	* W/THK HRDND WSHR 5/8: 60,120 FT/LBS			**W/THK HRDND WSHR 7/8: 150,300 FT/LBS		
CATERPILLAR	20.4	1,246	1	D8K		D8K
New Height:	5.382" (136.703 MM)			Min Height:	3.3270" (84.506 MM)	
Intake Pro / Rec:	.137-.187" V/PRO (3.48-4.75 MM)			Exhaust Pro / Rec:	.080-.130" V/PRO (2.032-3.302 MM)	
Castings Numbers:	Head #: 7N3480, 8N4674 Block #: 7N3480, 8N4310					
Notes:	S/P BLOCK					
CATERPILLAR	20.4	1,246	1	G342		G342
New Height:	5.382" (136.703 MM)			Min Height:	3.303" (134.7 MM)	
Intake Pro / Rec:	.137-.187" V/PRO (3.48-4.75 MM)			Exhaust Pro / Rec:	.080-.130" V/PRO (2.032-3.302 MM)	
Castings Numbers:	Head #: 4L2536, 4S7476, 7N6359, 8N4230 Block #: 6N5647, 6N5887, 7H1000, 7N3500, 7N3627					
Notes:	C/B					
CATERPILLAR	20.4	1,246	2	D342		D342
New Height:	5.3775" (136.589 MM)			Min Height:	5.303" (134.6 MM)	
Intake Pro / Rec:	.137-.187" V/PRO (3.48-4.75 MM)			Exhaust Pro / Rec:	.080-.130" V/PRO (2.032-3.302 MM)	
Castings Numbers:	Head #: 7N6357, 8H5980, 8N4229, 8N4874 Block #: 6N5647, 6N5887, 7H1000, 7N3500, 7N3627					
Notes:	C/B BLK;31, 32B1;17S1;50V1					
CATERPILLAR	20.4	1,246	2	D8		D8
New Height:	3.3775" (85.789 MM)			Min Height:	3.3270" (84.506 MM)	
Intake Pro / Rec:	.134-.185" V/PRO (3.404-4.699 MM)			Exhaust Pro / Rec:	.076-.130" V/PRO (1.93-3.302 MM)	
Castings Numbers:	Head #: 1F7196, 1F7206, 2F4690, 3B3184, 3S8455, 4H7258, 4N7258, 6F4923 Block #: 1F8528, 1P6100, 1S3263, 1S7600, 2M8100, 2P902, 4S4686, 4S6860, 5H1405					
Notes:	C/B;EARLY 36, 46A-10724					
Comments:	* W/THK HRDND WSHR 5/8: 60,120 FT/LBS			**W/THK HRDND WSHR 7/8: 150,300 FT/LBS		
CATERPILLAR	20.4	1,246	2	D8K		D8K
New Height:	5.382" (136.703 MM)			Min Height:	3.3270" (84.506 MM)	
Intake Pro / Rec:	.137-.187" V/PRO (3.48-4.75 MM)			Exhaust Pro / Rec:	.080-.130" V/PRO (2.032-3.302 MM)	
Castings Numbers:	Head #: 7N6357, 8N4229, 8N4874 Block #: 6N5647, 6N5887, 7H1000, 7N3500, 7N3627					
Notes:	C/B BLOCK					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
CATERPILLAR						
				6 Cylinders		(cont.)
CATERPILLAR	20.4	1,246	3	D342		D342
New Height:	5.3775" (136.589 MM)			Min Height:	5.3270" (135.306 MM)	
Intake Pro / Rec:	.134-.185" V/PRO (3.404-4.699 MM)			Exhaust Pro / Rec:	.076-.130" V/PRO (1.93-3.302 MM)	
Castings Numbers:	Head #: 1F7196, 1F7206, 2F4690, 3B3184, 3S8455, 4H7258, 4N7258, 6F4923 Block #: 1F8528, 1P6100, 1S3263, 1S7600, 2M8100, 2P902, 4S4686, 5H1405, 6N5387					
Notes:	C/B BLK;31, 32B					
Comments:	* W/THK HRDND WSHR 5/8": 60,120 FT/LBS **W/THK HRDND WSHR 7/8": 150,300 FT/LBS					
CATERPILLAR	20.4	1,246	3	D8		D8
New Height:	5.382" (136.703 MM)			Min Height:	5.303" (137.700 MM)	
Intake Pro / Rec:	.137-.187" V/PRO (3.48-4.75 MM)			Exhaust Pro / Rec:	.080-.130" V/PRO (2.032-3.302 MM)	
Castings Numbers:	Head #: 7N6357, 8N4229, 8N4874 Block #: 6N5647, 6N5887, 7H1000, 7N3500, 7N3627					
Notes:	C/B;LATE 36, 46A					
CATERPILLAR	20.4	1,246	4	D342		D342
New Height:	5.3775" (136.589 MM)			Min Height:	5.3030" (134.7 MM)	
Intake Pro / Rec:	.142-.195" V/PRO (3.5-4.9 MM)			Exhaust Pro / Rec:	.088-.136" V/PRO (2.23-3.32 MM)	
Castings Numbers:	Head #: 5N8501, 5N8521, 7N3480, 8N4674 Block #: 7N3480, 8N4310					
Notes:	S/P BLK;31, 32, 49, 50B					
CATERPILLAR	20.4	1,246	4	D8		D8
New Height:	5.382" (136.703 MM)			Min Height:	3.3270" (84.506 MM)	
Intake Pro / Rec:	.134-.185" V/PRO (3.404-4.699 MM)			Exhaust Pro / Rec:	.076-.130" V/PRO (1.93-3.302 MM)	
Castings Numbers:	Head #: 1F7196, 1F7206, 2F4690, 3B3184, 3S8455, 4H7258, 4N7258, 6F4923 Block #: 1F8528, 1P6100, 1S3263, 1S7600, 2M8100, 2P902, 4S4686, 5H1405					
Notes:	C/B;35A					
Comments:	* W/THK HRDND WSHR 5/8": 60,120 FT/LBS **W/THK HRDND WSHR 7/8": 150,300 FT/LBS					
CATERPILLAR	20.4	1,246	5	D342		D342
New Height:	5.3775" (136.589 MM)			Min Height:	5.3270" (135.306 MM)	
Intake Pro / Rec:	.137-.187" V/PRO (3.48-4.75 MM)			Exhaust Pro / Rec:	.080-.130" V/PRO (2.032-3.302 MM)	
Castings Numbers:	Head #: 7N6357, 8H5980, 8N4229, 8N4874 Block #: 6N5647, 6N5887, 7H1000, 7N3500, 7N3627					
Notes:	C/B BLK;31, 32, 49, 50B					
CATERPILLAR	20.4	1,246	5	D8		D8
New Height:	5.382" (136.703 MM)			Min Height:	3.3270" (84.506 MM)	
Intake Pro / Rec:	.137-.187" V/PRO (3.48-4.75 MM)			Exhaust Pro / Rec:	.080-.130" V/PRO (2.032-3.302 MM)	
Castings Numbers:	Head #: 7N3480, 8N4674 Block #: 7N3480, 8N4310					
Notes:	S/P;46A					
CATERPILLAR	20.4	1,246	6	D8		D8
New Height:	5.382" (136.703 MM)			Min Height:	3.3270" (84.506 MM)	
Intake Pro / Rec:	.137-.187" V/PRO (3.48-4.75 MM)			Exhaust Pro / Rec:	.080-.130" V/PRO (2.032-3.302 MM)	
Castings Numbers:	Head #: 7N6357, 8N4229, 8N4874 Block #: 4S6860, 6N5647, 6N5887, 7H1000, 7N3500, 7N3627					
Notes:	C/B;46A					
CATERPILLAR	24.1	1,473		353		353
New Height:	5.7500" (146.05 MM)			Min Height:	5.6800" (144.272 MM)	
Intake Pro / Rec:	.120-.170" V/PRO" (3.048-4.318 MM)			Exhaust Pro / Rec:	.120-.170" V/PRO" (3.048-4.318 MM)	
Castings Numbers:	Head #: 4M4321, 5L4908, 7M7700, 7N3031, 7N6338, 8N4232, 9F2598 Block #: 1M7480, 1S6821, 2S840, 4H9999, 5S5104, 5S5105, 5S600, 7H3100, 7N1976, 7N2052, 7N3046					
Notes:	D9, 24.1 LTR, SPACER PLATE, SMALL MAIN BORE BLOCK					
Comments:	COUNTERBORE BLOCK * SINGLE SPRING 81-89# @ 2.219					
CATERPILLAR	24.1	1,473		D9		D9
New Height:	5.750" (146.05 MM)			Min Height:	5.680" (144.272 MM)	
Intake Pro / Rec:	.120-.170" V/PRO (3.048-4.318 MM)			Exhaust Pro / Rec:	.120-.170" V/PRO (3.048-4.318 MM)	
Castings Numbers:	Head #: 4H9950, 4M4321, 5L4908, 7M7700, 7N3031, 7N6338, 8N4232, 9F2598 Block #: 1S6821, 5S5104, 5S600, 7N1976					
Notes:	SERIAL #66A, 3266 ->					
Comments:	* WITH .375" VALVE STEMS INTAKE CLEARANCE .0015" AND EXHAUST .002-.0025" 08-05-03 MC					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
CATERPILLAR						6 Cylinders (cont.)
CATERPILLAR	24.1	1,473	C/B	353		353
New Height:	5.7500" (146.05 MM)			Min Height:	5.6800" (144.272 MM)	
Intake Pro / Rec:	.120-.170" V/PRO (3.048-4.318 MM)			Exhaust Pro / Rec:	.120-.170" V/PRO (3.048-4.318 MM)	
Casting Numbers:	Head #: 4H9950, 4M4321, 5L4908, 6H6963, 7M7700, 7N3031, 7N6338, 8N4232, 9F2598 Block #: 1S6821, 5S5104, 5S600, 7N1976					
Notes:	D9, 24.1 LTR, COUNTERBORE BLOCK					
Comments:	COUNTERBORE BLOCK		* SINGLE SPRING 81-89# @ 2.219			
CATERPILLAR						8 Cylinders
CATERPILLAR	8.6	522		1140		1140
New Height:	5.5000" (139.7 MM)			Min Height:	5.4800" (139.192 MM)	
Intake Pro / Rec:	.036-.068" V/REC (.914-1.727 MM)			Exhaust Pro / Rec:	.050-.085" V/REC (1.27-2.159 MM)	
Casting Numbers:	Head #: 1W1587, 9L7230, 9L9145, 9L9270, 9N3111, 9N5215 Block #: 9L9286, 9N3100					
Notes:	36B;96, 97, 98M;65, 67, 68P;95, 96, 97B					
Comments:	1100 SERIES ENGINE					
CATERPILLAR	8.6	522		1145		1145
New Height:	5.5000" (139.7 MM)			Min Height:	5.4800" (139.192 MM)	
Intake Pro / Rec:	.036-.068" V/REC (.914-1.727 MM)			Exhaust Pro / Rec:	.050-.085" V/REC (1.27-2.159 MM)	
Casting Numbers:	Head #: 1W1587, 9L7230, 9L9145, 9L9270, 9N3111, 9N5215 Block #: 9L9286, 9N3100					
Notes:	36B; 96, 97, 98M; 95, 96, 97B; 65, 67, 68P					
Comments:	1100 SERIES ENGINE					
CATERPILLAR	8.6	522		3140		3140
New Height:	5.5000" (139.7 MM)			Min Height:	5.4800" (139.192 MM)	
Intake Pro / Rec:	.036-.068" V/REC (.914-1.727 MM)			Exhaust Pro / Rec:	.050-.085" V/REC (1.27-2.159 MM)	
Casting Numbers:	Head #: 1W1587, 9L7230, 9L9145, 9L9270, 9N3111, 9N5215 Block #: 9L9286, 9N3100					
Notes:	36B; 96, 97, 98M; 95, 96, 97B; 65, 66, 67, 68P					
Comments:	1100 SERIES ENGINE					
CATERPILLAR	8.6	522		3145		3145
New Height:	5.5000" (139.7 MM)			Min Height:	5.4800" (139.192 MM)	
Intake Pro / Rec:	.036-.068" V/REC (.914-1.727 MM)			Exhaust Pro / Rec:	.050-.085" V/REC (1.27-2.159 MM)	
Casting Numbers:	Head #: 1W1587, 9L7230, 9L9145, 9L9270, 9N3111, 9N5215 Block #: 9L9286, 9N3100					
Notes:	36B; 96, 97, 98M; 95, 96, 97B; 65, 66, 67, 68P					
Comments:	1100 SERIES ENGINE					
CATERPILLAR	9.4	573		1150		1150
New Height:	5.5000" (139.7 MM)			Min Height:	5.4800" (139.192 MM)	
Intake Pro / Rec:	.036-.068" V/REC (.914-1.727 MM)			Exhaust Pro / Rec:	.050-.085" V/REC (1.27-2.159 MM)	
Casting Numbers:	Head #: 1W1587, 9L7230, 9L9145, 9L9270, 9N3111, 9N5215 Block #: 9L9286, 9N3100					
Notes:	36B; 96, 97, 98M; 95, 96, 97B; 65, 66, 67, 68P					
Comments:	1100 SERIES ENGINE** 1ST DESIGN BOLT 6 DASH MARKS			LATER 2ND DESIGN BOLT 7 DASH		
	MARKS NOW LOOSEN HEAD BOLTS UNTIL WASHERS SPIN AND			RETORQUE-SPECIFICATIONS		
CATERPILLAR	10.4	636		1160		1160
New Height:	5.5000" (139.7 MM)			Min Height:	5.4800" (139.192 MM)	
Intake Pro / Rec:	.036-.068" V/REC (.914-1.727 MM)			Exhaust Pro / Rec:	.050-.085" V/REC (1.27-2.159 MM)	
Casting Numbers:	Head #: 1W1587, 9L7230, 9L9145, 9L9270, 9N3111, 9N5215 Block #: 9L9286, 9N3100					
Notes:	36B; 96, 97, 98M; 95, 96, 97B; 65, 66, 67, 68P					
Comments:	1100 SERIES ENGINE					
CATERPILLAR	10.4	636		3150		3150
New Height:	5.5000" (139.7 MM)			Min Height:	5.4800" (139.192 MM)	
Intake Pro / Rec:	.036-.068" V/REC (.914-1.727 MM)			Exhaust Pro / Rec:	.050-.085" V/REC (1.27-2.159 MM)	
Casting Numbers:	Head #: 1W1587, 9L7230, 9L9145, 9L9270, 9N3111, 9N5215 Block #: 9L9286, 9N3100					
Notes:	36B; 96, 97, 98M; 95, 96, 97B; 65, 66, 67, 68P					
Comments:	1100 SERIES ENGINE					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
CATERPILLAR				8 Cylinders (cont.)		
CATERPILLAR	10.4	636		3160		3160
New Height:	5.5000" (139.7 MM)			Min Height:	5.4800" (139.192 MM)	
Intake Pro / Rec:	.036-.068" V/REC (.914-1.727 MM)			Exhaust Pro / Rec:	.050-.085" V/REC (1.27-2.159 MM)	
Castings Numbers:	Head #: 1W1587, 9L7230, 9L9145, 9L9270, 9N3111, 9N5215 Block #: 9L9286, 9N3100					
Notes:	36B; 96, 97, 98M; 95, 96, 97B; 65, 66, 67, 68P					
Comments:	1100 SERIES ENGINE					
CATERPILLAR	10.4	636		3208		3208
New Height:	3.7850" (96.139 MM) *			Min Height:	3.7740" (95.86 MM) *	
Intake Hgt:	2.048-2.078" (52.019-52.781 MM)			Exhaust Hgt:	2.048-2.078" (52.019-52.781 MM)	
Intake Pro / Rec:	.036-.068" V/REC (.914-1.727 MM)			Exhaust Pro / Rec:	.050-.085" V/REC (1.27-2.159 MM)	
Castings Numbers:	Head #: 2W7165, 5L5215, 9L7230, 9L7627, 9L9145, 9L9270, 9L9466, 9L9597, 9N1107, 9N2362, 9N2762, 9N5215 Block #: 9L6571, 9N3100, 9N3758					
Notes:	#3Z1 AND UP					
Comments:	*HEAD THCK MEASURE @ INJ PAD SURF-DECK ** P/N 1W4259: FREE LNGTH 2.0,VLV OPEN 165# @1.30 P/N 9N3617: FREE LNGTH 1.86,VLV OPEN 154# @1.17					
CATERPILLAR	10.4	636	1	3208		3208
New Height:	3.7850" (96.139 MM) *			Min Height:	3.7740" (95.86 MM) *	
Intake Hgt:	2.048-2.078" (52.019-52.781 MM)			Exhaust Hgt:	2.048-2.078" (52.019-52.781 MM)	
Intake Pro / Rec:	.036-.068" V/REC (.914-1.727 MM)			Exhaust Pro / Rec:	.050-.085" V/REC (1.27-2.159 MM)	
Castings Numbers:	Head #: 1W1587, 5L5215, 9L7230, 9L7627, 9L9145, 9L9270, 9L9466, 9L9597, 9N1107, 9N2362, 9N2762, 9N5215 Block #: 9L6571, 9N3100, 9N3758					
Notes:	SERIAL #S 75V1-> & 90N1-> NON TURBO					
Comments:	* HEAD THICKNESS MEASURED AT INJECTOR PAD SURFACE ** P/N 1W4259: FREE LNGTH 2.0, VLV OPEN 165# @1.3 P/N 9N3617: FREE LNGTH 1.86,VLV OPEN 154# @1.17					
CATERPILLAR	10.4	636	2	3208		3208
New Height:	3.7850" (96.139 MM) *			Min Height:	3.7740" (95.86 MM) *	
Intake Hgt:	2.048-2.078" (52.019-52.781 MM)			Exhaust Hgt:	2.048-2.078" (52.019-52.781 MM)	
Intake Pro / Rec:	.036-.068" V/REC (.914-1.727 MM)			Exhaust Pro / Rec:	.050-.085" V/REC (1.27-2.159 MM)	
Castings Numbers:	Head #: 1W1587, 5L5215, 9L7230, 9L7627, 9L9145, 9L9270, 9L9466, 9L9597, 9N1107, 9N2362, 9N2762, 9N5215 Block #: 9L6571, 9N3100, 9N3758					
Notes:	SERIAL #S 40S1->					
Comments:	* HEAD THICKNESS MEASURED AT INJECTOR PAD SURFACE ** P/N 9N3617: SPRING USED ON BOTH INT AND EXH ***P/N 1W4259: SPRING USED ON BOTH INT AND EXH					
CATERPILLAR	10.4	636	TURBO	3208	87-92	3208
New Height:	3.7850" (96.139 MM) *			Min Height:	3.7740" (95.86 MM) *	
Intake Hgt:	2.048-2.078" (52.019-52.781 MM)			Exhaust Hgt:	2.048-2.078" (52.019-52.781 MM)	
Intake Pro / Rec:	.036-.068" V/REC (.914-1.727 MM)			Exhaust Pro / Rec:	.050-.085" V/REC (1.27-2.159 MM)	
Castings Numbers:	Head #: 1W1587, 5L5215, 9L7230, 9L7627, 9L9145, 9L9270, 9L9466, 9L9597, 9N1107, 9N2362, 9N2762, 9N5215 Block #: 2W8122, 9L6571, 9N3100, 9N3758					
Notes:	3Z1, DUAL VALVE SPRING					
Comments:	*HEAD THICKNESS MEASURED AT INJECTOR PAD SURFACE					
CATERPILLAR	11.5	700		1676		1676
New Height:	3.398-3.402" (86.309-86.411 MM)			Min Height:	3.3940" (86.208 MM)	
Intake Pro / Rec:	.050-.119" V/PRO (1.27-3.023 MM)			Exhaust Pro / Rec:	.050-.119" V/PRO (1.27-3.023 MM)	
Castings Numbers:	Head #: 2S5185, 5S2969, 5S2970, 9S4140 Block #: 2S5169, 5S2969, 7S500					
Notes:	23H, 42H, 55B1, 60B1, 980 SER# 42H1, COUNTERBORED, DOHC					
CATERPILLAR	11.5	700		D336		D336
New Height:	3.398-3.402" (86.309-86.411 MM)			Min Height:	3.3940" (86.208 MM)	
Intake Pro / Rec:	.050-.119" V/PRO (1.27-3.023 MM)			Exhaust Pro / Rec:	.050-.119" V/PRO (1.27-3.023 MM)	
Castings Numbers:	Head #: 2S5185, 5S2969, 5S2970, 9S4140 Block #: 2S5169, 5S2969, 7S500					
Notes:	23H, 42H, 55B1, 60B1					
Comments:	DOHC CYL HD			GUIDES MAY BE FLANGED OR STRAIGHT		
CATERPILLAR	18.0	1,099		3408		3408
New Height:	4.4400" (112.776 MM)			Min Height:	4.3900" (111.506 MM)	
Intake Pro / Rec:	.002-.042" V/REC (.051-1.067 MM)			Exhaust Pro / Rec:	.002-.042" V/REC (.051-1.067 MM)	
Castings Numbers:	Head #: 4N0351, 4N351, 6N9976, 6N9977, 7N0855, 7N0858, 7W1708 Block #: 4N80, 6N2150, 7N850, 7N9364					
Notes:	988B WHEEL LOADER					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
CATERPILLAR				8 Cylinders		(cont.)
CATERPILLAR	18.0	1,099		D8L		3408
New Height:	4.400" (112.776 MM)			Min Height:	4.390" (111.506 MM)	
Intake Pro / Rec:	.002-.042" V/REC (.051-1.067 MM)			Exhaust Pro / Rec:	.002-.042" (.051-1.067 MM)	
Casting Numbers:	Head #: 4N0351, 4N351, 6N9976, 6N9977, 7N0855, 7N0858, 7W1708 Block #: 4N80, 6N2150, 7N850, 7N9364					
Notes:	3408 ENGINE					
CATERPILLAR	19.5	1,191		641		641
Intake Pro / Rec:	.099-.127" V/PRO (2.515-3.226 MM)			Exhaust Pro / Rec:	.099-.128" V/PRO (2.515-3.251 MM)	
Notes:	64F,641&651,15A-10,GROUP 40;77F,666,15A-10,GP 40.1					
CATERPILLAR	19.5	1,191		D346		D346
New Height:	4.2960-4.3040" (109.118-109.322 MM)			Min Height:	4.2920" (109.017 MM)	
Intake Pro / Rec:	.037-.075" V/PRO (.94-1.905 MM)			Exhaust Pro / Rec:	.037-.075" V/PRO (.94-1.905 MM)	
Casting Numbers:	Head #: 5M6800, 7N9200, 7N9295, 8S4200 Block #: 1S6596, 4N4085, 4N4090, 6N1497, 7M4000, 8S6800, 8S6880					
Notes:	39J1 -> 39J1157					
Comments:	"B" SERIES FOR VALVES 1P407 & 1P1041					
CATERPILLAR	19.5	1,191	1	D346		D346
New Height:	4.296-4.304" (109.118-109.322 MM)			Min Height:	4.292" (109.017 MM)	
Intake Pro / Rec:	.099-.127" V/PRO (2.515-3.226 MM) *			Exhaust Pro / Rec:	.099-.127" V/PRO (2.515-3.226 MM) *	
Casting Numbers:	Head #: 5M6800, 7N9200, 7N9295, 8S4200 Block #: 1S6596, 7M4000					
Notes:	C/B, DOHC					
Comments:	* VLV # I:2M6402, E:7S9345; V/PRO .075-.137 VLV # I:1P407, E:1P1081				** SPIRAL ID	
	GUIDE					
CATERPILLAR	19.5	1,191	2	D346		D346
New Height:	4.296-4.304" (109.118-109.322 MM)			Min Height:	4.292" (109.017 MM)	
Intake Pro / Rec:	.099-.127" V/PRO (2.515-3.226 MM) *			Exhaust Pro / Rec:	.099-.127" V/PRO (2.515-3.226 MM) *	
Casting Numbers:	Head #: 5M6800, 7N9200, 7N9295, 8S4200 Block #: 4N4085, 4N4090, 6N1496, 6N1497, 7M4000, 8S6800, 8S6880					
Notes:	S/P, DOHC, 39, 40J, 98N					
Comments:	* VLV # I:2M6402, E:7S9345; V/PRO .075-.137 VLV # I:1P407, E:1P1081				** SPIRAL ID	
	GUIDE					
CATERPILLAR	27.2	1,662		364		364
New Height:	5.3650" (136.271 MM)			Min Height:	5.3200" (135.128 MM)	
Intake Pro / Rec:	.104-.165" V/PRO (2.642-4.191 MM)			Exhaust Pro / Rec:	.119-.165" V/PRO (3.023-4.191 MM)	
Casting Numbers:	Head #: 6F4831, 6H1795, 6H6016 Block #: 1H5767, 6L2533, 8F7949					
CATERPILLAR	27.2	1,662		375		375
New Height:	5.3650" (136.271 MM)			Min Height:	5.3200" (135.128 MM)	
Intake Pro / Rec:	.104-.165" V/PRO (2.642-4.191 MM)			Exhaust Pro / Rec:	.119-.165" V/PRO (3.023-4.191 MM)	
Casting Numbers:	Head #: 6F4831, 6H1795, 6H6016 Block #: 1H5767, 6L2533, 8F7949					
CATERPILLAR	32.2	1,964		379		379
New Height:	7.0650" (179.451 MM)			Min Height:	7.0100" (178.054 MM)	
Intake Pro / Rec:	.104-.165" V/PRO (2.642-4.191 MM)			Exhaust Pro / Rec:	.104-.165" V/PRO (2.642-4.191 MM)	
Casting Numbers:	Head #: 2N9331, 4L3800, 5L3261, 5N5280, 6L7200 Block #: 3N6991, 4L6800, 6L2533					
Notes:	72B1-> 72B467					
CATERPILLAR	32.2	1,964		D379		D379
New Height:	7.061-7.069" (179.349-179.553 MM)			Min Height:	7.010" (178.054 MM)	
Intake Pro / Rec:	.120-.165" V/PRO (3.048-4.191 MM)			Exhaust Pro / Rec:	.120-.165" V/PRO (3.048-4.191 MM)	
Casting Numbers:	Head #: 2N9331, 4L3800, 5L3261, 5N5280, 6L7200 Block #: 3N6991, 4L6800, 6L2533					
Notes:	72B1 -> 72B467					
CATERPILLAR	34.5	2,105		3500		3500
New Height:	5.585-5.597" (141.859-142.164 MM)			Min Height:	5.551" (140.995 MM)	
Intake Pro / Rec:	-.008+.008" (-.203-.203 MM)			Exhaust Pro / Rec:	-.008+.008" (-.203-.203 MM)	
Notes:	DIESEL					
Comments:	* NATURAL GAS ENGINES USE VALVE #104-71-84, IT HAS A VALVE & SEAT ANGLE OF 20°.					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
CATERPILLAR						8 Cylinders (cont.)
CATERPILLAR	34.5	2,105		3508		3508
New Height:	5.585-5.597" (141.859-142.164 MM)			Min Height:	5.551" (140.995 MM)	
Intake Pro / Rec:	-.008+-.008" (-.203-.203 MM)			Exhaust Pro / Rec:	-.008+-.008" (-.203-.203 MM)	
Casting Numbers:	Head #:2W5800					
Notes:	DIESEL					
CATERPILLAR	34.5	2,105	G	3500		3500
New Height:	5.585-5.597" (141.859-142.164 MM)			Min Height:	5.551" (140.995 MM)	
Intake Pro / Rec:	-.008+-.008" (-.203-.203 MM)			Exhaust Pro / Rec:	-.008+-.008" (-.203-.203 MM)	
Notes:	NATURAL GAS ENGINE					
Comments:	* NATURAL GAS ENGINES USE VALVE #104-71-84, IT HAS A VALVE & SEAT ANGLE OF 20°.					
CATERPILLAR						12 Cylinders
CATERPILLAR	27.0	1,649		3412		3412
New Height:	4.4400" (112.776 MM)			Min Height:	4.3900" (111.506 MM)	
Intake Pro / Rec:	+.008 TO -.048" (.203 TO -1.219 MM)			Exhaust Pro / Rec:	+.008 TO -.048" (.203 TO -1.219 MM)	
Casting Numbers:	Head #:4N1639, 6N9972, 6N9973, 7N0845, 7N845, 7W1712 Block #: 4N1200, 4N412, 6N2152, 7N840					
Notes:	DECK PLATE BLOCK					
Comments:	* HAVE HEARD ABOUT VALVES AT APPROX 17° FACE USED WITH NG					
CATERPILLAR	29.3	1,786		348		348
New Height:	4.2960-4.3040" (109.118-109.322 MM)			Min Height:	4.2920" (109.017 MM)	
Intake Pro / Rec:	.075-.137" V/PRO (1.905-3.48 MM)			Exhaust Pro / Rec:	.075-.137" V/PRO (1.905-3.48 MM)	
Casting Numbers:	Head #:3S7666, 5S3830, 5S3860, 7N9532, 7N9540, 7N9540, 8S3900 Block #: 1P6924, 2N8100, 4N4092, 5S6400, 6N1100, 6N1496, 8S6700, 8S6770, 8S8208					
Notes:	D348					
Comments:	D-10 TRACTOR FOR VALVES 1P407, 6N3532, 6N3531, 1P1081 & 8N3725					
CATERPILLAR	29.3	1,786		D348		D348
New Height:	4.296-4.304" (109.118-109.322 MM)			Min Height:	4.292" (109.017 MM)	
Intake Pro / Rec:	.099-.127" V/PRO (2.515-3.226 MM) *			Exhaust Pro / Rec:	.099-.127" V/PRO (2.515-3.226 MM) *	
Casting Numbers:	Head #:3S7666, 5S3830, 5S3860, 7N9532, 7N9540, 8S3900 Block #: 1S6596, 4N4085, 4N4090, 6N1496, 6N1497, 7M4000, 8S6800, 8S6880					
Notes:	S/P, DOHC, 36, 48J; 57K					
Comments:	* VLV # I:2M6402, E:7S9345; V/PRO=.075-.137" FOR VLV # I:1P407, E:1P1081 ** SPIRAL ID GUIDE					
CATERPILLAR	40.8	2,492		386		386
New Height:	5.3650" (136.271 MM)			Min Height:	5.3300" (135.382 MM)	
Intake Pro / Rec:	.104-.165" V/PRO (2.642-4.191 MM)			Exhaust Pro / Rec:	.119-.165" V/PRO (3.023-4.191 MM)	
Casting Numbers:	Head #:5L9485, 6F4831, 6H1795, 6H1796, 6H6016, 6M1795 Block #: 1F4900, 1H5766, 5L9549, 8F7949, 8F7949					
Notes:	D386					
CATERPILLAR	40.9	2,493		397		397
New Height:	5.3650" (136.271 MM)			Min Height:	5.3300" (135.382 MM)	
Intake Pro / Rec:	.104-.165" V/PRO (2.642-4.191 MM)			Exhaust Pro / Rec:	.119-.165" V/PRO (3.023-4.191 MM)	
Casting Numbers:	Head #:5L9485, 6F4831, 6H1795, 6H6016, 6M1795 Block #: 1F4900, 1H5766, 5L9549, 8F7949					
Notes:	D397					
CATERPILLAR	48.3	2,946		398		398
New Height:	7.0650" (179.451 MM)			Min Height:	7.0100" (178.054 MM)	
Intake Pro / Rec:	.120-.170" V/PRO (3.048-4.318 MM)			Exhaust Pro / Rec:	.120-.170" V/PRO (3.048-4.318 MM)	
Casting Numbers:	Head #:2N9931, 4L3800, 5N5280, 6L7200, 6L7213 Block #: 3N6995, 4L4625, 5L9549					
Notes:	48.3L D398					
CATERPILLAR	48.8	2,976		D398		D398
New Height:	7.061-7.069" (179.349-179.553 MM)			Min Height:	7.010" (178.054 MM)	
Intake Pro / Rec:	.120-.165" V/PRO (3.048-4.191 MM)			Exhaust Pro / Rec:	.120-.165" V/PRO (3.048-4.191 MM)	
Casting Numbers:	Head #:2N9931, 4L3800, 5N5280, 6L7200, 6L7213 Block #: 3N6995, 4L4625, 5L9549					
Notes:	48.3L					
CATERPILLAR	51.8	3,158		3512		3512
New Height:	5.585-5.597" (141.859-142.164 MM)			Min Height:	5.551" (140.995 MM)	
Casting Numbers:	Head #:2W5800					
Notes:	DIESEL					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
CATERPILLAR						12 Cylinders (cont.)
CATERPILLAR	221.7	13,527		3612		3612
Intake Pro / Rec: .079" MAX V/REC (2.007 MM)				Exhaust Pro / Rec: .079" MAX V/REC (2.007 MM)		
Notes: 13, 527 CID DIESEL						
CATERPILLAR						16 Cylinders
CATERPILLAR	39.0	2,382		D349		D349
New Height: 4.300" (109.22 MM)				Min Height: 4.292" (109.017 MM)		
Intake Pro / Rec: .099-.127" V/PRO (2.515-3.226 MM) *				Exhaust Pro / Rec: .099-.127" V/PRO (2.515-3.226 MM) *		
Castings Numbers: Head #:1N8479, 7N9302, 8S6796, 8S6797, 8S6798 Block #: 1N5052, 4N4097, 8S6405, 8S6798						
Notes: S/P, DOHC, 61, 62P;32R						
Comments: * VLV # I:2M6402, E:7S9345; V/PRO=.075-.137 VLV # I:1P407, E:1P1081 ** SPIRAL ID GUIDE						
CATERPILLAR	64.4	3,928		D399		D399
New Height: 7.0610-7.0690" (179.349-179.553 MM)				Min Height: 7.0100" (178.054 MM)		
Intake Pro / Rec: .120-.165" V/PRO (3.048-4.191 MM)				Exhaust Pro / Rec: .120-.165" V/PRO (3.048-4.191 MM)		
Castings Numbers: Head #:2N9331, 2N9932, 4L3800, 5N5280, 6L7200 Block #: 1W6997, 3N6997, 6L7501, 6L8412						
Notes: 64.4L						
CATERPILLAR	69.0	4,210		3516		3516
New Height: 5.585-5.597" (141.859-142.164 MM)				Min Height: 5.551" (140.995 MM)		
Intake Pro / Rec: +.008 TO -.008" (.203 TO -.203 MM)				Exhaust Pro / Rec: +.008 TO -.008" (.203 TO -.203 MM)		
Castings Numbers: Head #:2W5800						
CATERPILLAR	294.0	17,942		3616		3616
Intake Pro / Rec: .079" MAX V/REC (2.007 MM)				Exhaust Pro / Rec: .079" MAX V/REC (2.007 MM)		
Notes: 17, 942 CID DIESEL						
CHRYSLER						4 Cylinders
CHRYSLER	1.4	85	D			81-87
New Height: 2.8640-2.8680" (72.746-72.847 MM) *				Min Height: 2.8440" (72.238 MM) *		
Castings Numbers: Head #:318440, 8440 Block #: 598160						
Notes: RENAULT ALLIANCE						
Comments: * C3J ENGINES: 2.848-2.852" NEW & 2.828" MIN. ** REPEAT AFTER 1/2 HR RUNNING.						
CHRYSLER	1.4	86	MMC		79-84	G12B, G12BH
New Height: 4.216" (107.086 MM)				Min Height: 4.200" (106.68 MM)		
Castings Numbers: Block #:4G12, G12B						
Notes: SOHC, MMC, COLT, COLT HATCHBACK G12B-H, CHAMP						
CHRYSLER	1.5	91				80
New Height: 3.4750" (88.265 MM)						
Castings Numbers: Head #:549922						
Notes: SIMCA						
CHRYSLER	1.5	91	A	COLT	90-96	G13V
New Height: 4.2086-4.2165" (106.898-107.099 MM)				Min Height: 4.2006" (106.695 MM)		
Intake Hgt: 1.6100-1.6500" (40.894-41.91 MM) *				Exhaust Hgt: 1.6100-1.6500" (40.894-41.91 MM) *		
Castings Numbers: Head #:15, 2D, 549922, 9, G13V, M7 Block #: 4G15, G15B						
Notes: MMC, COLT, SUMMIT, G13V 12 VALVE 2 INTAKE 1 EXH						
Comments: 2 INTAKE VALVES: P= PRIMARY, S= SECONDARY VALVE GUIDE BORE DIA: .4724-.4731 *						
CHRYSLER	1.5	91	K	COLT	85-88	G15B
New Height: 4.2086-4.2165" (106.898-107.099 MM)				Min Height: 4.2006" (106.695 MM)		
Intake Hgt: 1.6100-1.6500" (40.894-41.91 MM)				Exhaust Hgt: 1.6100-1.6500" (40.894-41.91 MM)		
Castings Numbers: Head #:15, 2D, 549922, 7, 9, M16 Block #: 4G15, G15B						
Notes: MMC, G15B, COLT						
Comments: *1985 STEM DIAM: INT .3110-.3150, EX .3090-.3150 AUX VALVE SPRING 6# @ .846						
CHRYSLER	1.5	91	X	COLT	89-90	4G15
New Height: 4.2086-4.2165" (106.898-107.099 MM)				Min Height: 4.2006" (106.695 MM)		
Intake Hgt: 1.700-1.740" (43.180-44.196 MM)				Exhaust Hgt: 1.700-1.740" (43.180-44.196 MM)		
Castings Numbers: Head #:15, 2D, 549922, 9 Block #: 4G15, G15B						
Notes: MMC, 4G15, COLT/SUMMIT, 12 VALVE HEAD						

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
CHRYSLER				4 Cylinders (cont.)		
CHRYSLER	1.6	97	A	OMNI	83-86	
New Height:	3.5180" (89.357 MM)			Min Height:	3.4940" (88.748 MM)	
Intake Hgt:	1.7100-1.7300" (43.434-43.942 MM)			Exhaust Hgt:	1.7100-1.7300" (43.434-43.942 MM)	
Casting Numbers:	Head #:405949 Block #: E82, ECA					
Notes:	OMNI, OHV, PEUGEOT					
CHRYSLER	1.6	98	A		83-84	
New Height:	3.480-3.488" (88.392-88.595 MM)			Min Height:	3.472" (88.189 MM)	
Intake Hgt:	1.610-1.650" (40.894-41.91 MM)			Exhaust Hgt:	1.610-1.650" (40.894-41.91 MM)	
Notes:	MMC, 2BC, SOHC					
CHRYSLER	1.6	98	A		83-86	
New Height:	3.480-3.488" (88.392-88.595 MM)			Min Height:	3.472" (88.189 MM)	
Intake Hgt:	1.610-1.650" (40.894-41.91 MM)			Exhaust Hgt:	1.610-1.650" (40.894-41.91 MM)	
Notes:	MMC, 2BC					
CHRYSLER	1.6	98	F		85-89	
New Height:	4.2086-4.2165" (106.898-107.099 MM)			Min Height:	4.2006" (106.695 MM)	
Intake Hgt:	1.930" (49.022 MM)			Exhaust Hgt:	1.940" (49.276 MM)	
Casting Numbers:	Block #:4G32, G32B					
Notes:	MMC, DOHC, TURBO					
CHRYSLER	1.6	98	F	PT CRUISER	02-03	
Intake Hgt:	1.914" (48.620 MM)			Exhaust Hgt:	1.914" (48.620 MM)	
Notes:	16V, SOHC					
CHRYSLER	1.6	98	K	COLT	79-80	4G32
New Height:	3.480-3.488" (88.392-88.595 MM)			Min Height:	3.472" (88.189 MM)	
Intake Hgt:	1.610-1.650" (40.894-41.91 MM)			Exhaust Hgt:	1.610-1.650" (40.894-41.91 MM)	
Casting Numbers:	Block #:4G32, G32B					
Notes:	SOHC, MMC, 2BC, COLT, ARROW					
CHRYSLER	1.6	98	P	NEON	01-03	
Intake Hgt:	1.914" (48.620 MM)			Exhaust Hgt:	1.914" (48.620 MM)	
Notes:	16V, SOHC					
CHRYSLER	1.6	98	Y		89-92	4G61
New Height:	5.2000" (132.08 MM)			Min Height:	5.1929" (131.9 MM)	
Intake Hgt:	1.610-1.650" (40.894-41.91 MM) *			Exhaust Hgt:	1.610-1.650" (40.894-41.91 MM) *	
Casting Numbers:	Block #:4G61					
Notes:	MMC, DOHC, 4G61, EAGLE SUMMIT					
Comments:	*HAVE SEEN STEM HEIGHTS AT 1.900-1.940					
CHRYSLER	1.6	98	Z	COLT	89	
New Height:	5.200" (132.08 MM)			Min Height:	5.1929" (131.9 MM)	
Intake Hgt:	1.610-1.650" (40.894-41.91 MM)			Exhaust Hgt:	1.610-1.650" (40.894-41.91 MM)	
Casting Numbers:	Block #:4G61					
Notes:	MMC, DOHC, TURBO, COLT					
CHRYSLER	1.7	105	A	ALLIANCE	85-87	
New Height:	6.666-6.680" (169.316-169.672 MM)			Min Height:	6.660" (169.164 MM)	
Intake Pro / Rec:	.031-.043" V/REC (.787-1.092 MM)			Exhaust Pro / Rec:	.031-.043" V/REC (.787-1.092 MM)	
Casting Numbers:	Head #:3700					
Notes:	ALLIANCE, ENCORE, EFI					
Comments:	* SEE TB654 FOR TORQUING SEQUENCE					
CHRYSLER	1.7	105	B		78-83	
New Height:	5.2150-5.2300" (132.461-132.842 MM)			Min Height:	5.2050" (132.207 MM)	
Intake Hgt:	1.4750-1.4950" (37.465-37.973 MM)			Exhaust Hgt:	1.4750-1.4950" (37.465-37.973 MM)	
Casting Numbers:	Head #:049103373, 055103373, 5240402, 5240403, 5240476, 5240835, 5249835 Block #: 046103021A, 049103021D, 049103210, 4910321D, 4910321H					
Notes:	VW MADE, 2BC					
CHRYSLER	1.8	107	B	COLT	93-94	4G37
New Height:	3.4840" (88.494 MM)			Min Height:	3.4760" (88.29 MM)	
Intake Hgt:	1.645-1.660" (41.783-42.164 MM)			Exhaust Hgt:	1.645-1.660" (41.783-42.164 MM)	
Casting Numbers:	Head #:M39 Block #: 4G37					
Notes:	MMC, SOHC, HYD LIFTERS, EAGLE, COLT, LASER					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
CHRYSLER				4 Cylinders (cont.)		
CHRYSLER	1.8	107	T	COLT	89-93	4G37
New Height:	3.4840" (88.494 MM)			Min Height:	3.4760" (88.29 MM)	
Intake Hgt:	1.545-1.560" (39.243-39.624 MM)			Exhaust Hgt:	1.545-1.560" (39.243-39.624 MM)	
Casting Numbers:	Head #:M17, M39 Block #: 4G37					
Notes:	MMC, SOHC, HYD LIFTERS, 4G37, COLT, LASER					
CHRYSLER	1.8	110		COLT	92	
New Height:	3.484" (88.494 MM)					
Notes:	MMC, MECH LIFTERS, MFI, LASER, COLT VISTA					
CHRYSLER	1.8	110	C	COLT	93-94	4G93
New Height:	4.720-4.728" (119.888-120.091 MM)			Min Height:	4.7120" (119.685 MM)	
Intake Hgt:	1.975" REPORTED (50.165 MM)			Exhaust Hgt:	1.975" REPORTED (50.165 MM)	
Casting Numbers:	Head #:G93 Block #: 092, 4G93					
Notes:	MMC, SOHC, MECH LIFTERS, MFI, 4G93, COLT					
Comments:	*IF WARPED MORE THAN SPECS, MACHINE SURFACE. DO NOT REMOVE MORE THAN A COMBINED TOTAL OF .008 FROM THE HEAD AND BLOCK. ** WEAR LIMIT .004 *** WEAR LIMIT .006					
CHRYSLER	2.0	120	V		87	
New Height:	6.666-6.680" (169.316-169.672 MM)			Min Height:	6.660" (169.164 MM)	
Intake Pro / Rec:	.031-.043" V/REC (.787-1.092 MM)			Exhaust Pro / Rec:	.031-.043" V/REC (.787-1.092 MM)	
Notes:	GTA, EFI, RENAULT ENGINE					
Comments:	* SEE TB654 FOR TORQUING SEQUENCE					
CHRYSLER	2.0	121	A/J		77-79	
New Height:	5.5120" (140.005 MM)			Min Height:	5.4940" (139.548 MM)	
Casting Numbers:	Head #:047101173, 047103373					
Notes:	SOHC, AUDI ENGINE					
CHRYSLER	2.0	122	9	PT CRUISER	02-04	
Intake Hgt:	1.891" (48.040 MM)			Exhaust Hgt:	1.889" (47.990 MM)	
Notes:	MPI, DOHC					
Comments:	* HEAD TORQUE: 1) ALL BOLTS 25 FT/LBS, 2) BOLTS #1-6 50 FT/LBS, 3) REPEAT BOLTS #1-6 50 FT/LBS & BOLTS #7-10 35 FT/LBS, 4) TIGHTEN ALL BOLTS +90r - DO NOT USE A TORQUE WRENCH!!					
CHRYSLER	2.0	122	C	NEON	-04	
Intake Hgt:	1.891" (48.040 MM)			Exhaust Hgt:	1.889" (47.990 MM)	
Notes:	SOHC, HIGH PERFORMANCE					
Comments:	** ALL BOLTS 25 FT/LBS, BOLTS #1-6 50 FT/LBS & BOLTS #7-10 35 FT/LBS, REPEAT BOLTS #1-6 50 FT/LBS & BOLTS #7-10 35 FT/LBS, ALL BOLTS IN SEQUENCE +90r - DO NOT USE A TORQUE WRENCH.					
CHRYSLER	2.0	122	C	NEON	95-04	
New Height:	4.568" (116.027 MM) **			Min Height:	4.560" (115.824 MM)	
Intake Hgt:	1.760-1.800" (44.710-45.720 MM)			Exhaust Hgt:	1.710-1.750" (43.434-44.45 MM)	
Casting Numbers:	Head #:4556737, 4556737-AC, 4556737-EB, 4556737-FB Block #: 4556651, 4667642, 4667768					
Notes:	SOHC, 16 VALVE, NEON, STRATUS, BREEZE					
Comments:	*1996 = INT: .045, EXH: .058 MIN. ** 5.170" FROM TOP OF ROCKER STAND-DECK OF HEAD, CHRYSLER DOES NOT RECOMMEND SURFACING, THE HEAD ROCKER ARM RATIO: 1.4:1					
CHRYSLER	2.0	122	D	COLT	83-90	4G63B
New Height:	3.539-3.547" (89.900-90.100 MM)			Min Height:	3.5230" (89.484 MM)	
Intake Hgt:	1.6450-1.6600" (41.783-42.164 MM)			Exhaust Hgt:	1.6450-1.6600" (41.783-42.164 MM)	
Casting Numbers:	Head #:G63B, M-14 Block #: 4G63, G62, G63, G63B					
Notes:	SOHC, MMC, ARROW, COLT VISTA, D-50, RAM-50					
Comments:	JET VALVE=.007" COLD					
CHRYSLER	2.0	122	E	LASER	93-94	4G63
New Height:	5.1968-5.2010" (131.999-132.105 MM)			Min Height:	5.1880" (131.775 MM)	
Intake Hgt:	1.9200-1.9500" (48.768-49.53 MM)			Exhaust Hgt:	1.9200-1.9500" (48.768-49.53 MM)	
Casting Numbers:	Head #:4G63, 9M, G-6 Block #: 4G63					
Notes:	DOHC, MMC, MFI, TALON, LASER					
CHRYSLER	2.0	122	F	NEON	01-02	
New Height:	4.568" (116.027 MM) *			Min Height:	4.560" (115.824 MM)	
Intake Hgt:	1.770-1.810" (44.958-45.974 MM)			Exhaust Hgt:	1.710-1.750" (43.434-44.450 MM)	
Notes:	SOHC, 16 VALVE					
Comments:	* 5.170" MEASURE FROM TOP OF ROCKER STAND-DECK OF HEAD. CHRYSLER DOES NOT RECOMMEND SURFACING THE HEAD. ROCKER ARM RATIO 1.4:1.					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
CHRYSLER				4 Cylinders (cont.)		
CHRYSLER	2.0	122	F	NEON	-04	
Intake Hgt:	1.891" (48.040 MM)			Exhaust Hgt:	1.889" (47.990 MM)	
Notes:	SOHC, SPORT HIGH PERFORMANCE, NON TURBO					
Comments:	** ALL BOLTS 25 FT/LBS, BOLTS #1-6 50 FT/LBS & BOLTS #7-10 35 FT/LBS, REPEAT BOLTS #1-6 50 FT/LBS & BOLTS #7-10 35 FT/LBS, ALL BOLTS IN SEQUENCE +90r - DO NOT USE A TORQUE WRENCH.					
CHRYSLER	2.0	122	F	TALON	93-98	
New Height:	5.1968" (131.999 MM)			Min Height:	5.1850" (131.699 MM)	
Intake Hgt:	1.9200-1.9600" (48.768-49.784 MM)			Exhaust Hgt:	1.9200-1.9500" * (48.768-49.53 MM)	
Castings Numbers:	Head #:4G63, 9M Block #: 4G63					
Notes:	DOHC, TURBO, MMC, MFI, TALON					
Comments:	* REPORTED 1.880-1.890 MEMBER # 516 9-9-02 MC					
CHRYSLER	2.0	122	MMC	COLT	75-88	4G52
New Height:	3.543-3.548" (89.992-90.119 MM)			Min Height:	3.523" (89.484 MM)	
Intake Hgt:	1.645-1.660" (41.783-42.164 MM) *			Exhaust Hgt:	1.645-1.660" (41.783-42.164 MM) *	
Castings Numbers:	Head #:15M, 4G52, G63B Block #: 4G52, 52A, G52A, G52B, G62, G63, G63B					
Notes:	SOHC, MMC, COLT, ARROW					
Comments:	1988 ENGINES USE HYD. LASH ADJUSTERS. * MEASURED WITH SPG CUP IN PLACE.					
CHRYSLER	2.0	122	MMC		83-90	
New Height:	3.543-3.548" (89.992-90.119 MM)			Min Height:	3.5230" (89.484 MM)	
Intake Hgt:	1.6450-1.6600" (41.783-42.164 MM)			Exhaust Hgt:	1.6450-1.6600" (41.783-42.164 MM)	
Castings Numbers:	Head #:G63B Block #: G62, G63, G63B					
Notes:	SOHC					
Comments:	HYD HEAD					
CHRYSLER	2.0	122	R	COLT	90-94	4G63
New Height:	5.1968-5.2010" (131.999-132.105 MM)			Min Height:	5.1880" (131.775 MM)	
Intake Hgt:	1.9100-1.9500" (48.514-49.53 MM)			Exhaust Hgt:	1.9100-1.9500" (48.514-49.53 MM)	
Castings Numbers:	Head #:4G63, 5M, 9M Block #: 4G63					
Notes:	DOHC, MMC, MFI, EAGLE TALON					
Comments:	* 1993-94 HEAD TORQUE: 58#, LOOSEN, 14.5#, +90°, +90° 1995: INNER BOLTS #1-6 25,50,50#, +90° END BOLTS #7-10 20,20,20 FT/LBS, +90°+90°, END BOLTS 7-10 = 20,20,20 FT/LBS +90°					
CHRYSLER	2.0	122	U	TALON	90-92	
New Height:	5.1968-5.2010" (131.999-132.105 MM)			Min Height:	5.1880" (131.775 MM)	
Intake Hgt:	1.9000-1.9350" (48.514-49.53 MM)			Exhaust Hgt:	1.9000-1.9350" (48.514-49.53 MM)	
Castings Numbers:	Head #:4G63, 9M Block #: 4G63, 4G63B					
Notes:	DOHC, TURBO, MMC, MFI, EAGLE TALON					
CHRYSLER	2.0	122	V	COLT	89-91	G63B
New Height:	3.539-3.547" (89.900-90.100 MM)			Min Height:	3.5230" (89.484 MM)	
Intake Hgt:	1.6450-1.6600" (41.783-42.164 MM)			Exhaust Hgt:	1.6450-1.6600" (41.783-42.164 MM)	
Castings Numbers:	Head #:G63B Block #: 4G63, G62, G63, G63B					
Notes:	SOHC, MMC, COLT VISTA					
CHRYSLER	2.0	122	Y	AVENGER	95-04	420A
New Height:	5.4115-5.4193" (137.452-137.65 MM)			Min Height:	5.4035" (137.249 MM)	
Intake Hgt:	1.8813-1.8903" (47.785-48.014 MM)			Exhaust Hgt:	1.8813-1.8903" (47.785-48.014 MM)	
Castings Numbers:	Head #:3, 4667086, 4667867, 4667867J3F, 4667867JF Block #: 4667642, 4667768, 4A20					
Notes:	DOHC, 420A, 16 V, NEON, AVENGER, SEBRING, TALON					
Comments:	HEAD TORQUE INCLUDES ABOVE THEN REPEAT STEP #2, STEP #4 IS TURN ALL BOLTS AN ADDITIONAL 90°. * 1996 BOLTS 1-6=25 FT/LBS BOLTS 7-10=20 FT/LBS BOLTS 1-6 50 FT/LBS BOLTS 7-10=20 FT/LBS BOLTS 1-6 50 FT/LBS 7-10=20 FT/LBS + 90°. **TOTAL.1670" PLUNGER TRAVEL					
CHRYSLER	2.1	126	B		83-87	J8S232
New Height:	4.1125-4.1155" (104.458-104.534 MM)			Min Height:	DO NOT SURFACE	
Intake Pro / Rec:	.032-.045" V/REC (.813-1.143 MM)			Exhaust Pro / Rec:	.032-.045" V/REC (.813-1.143 MM)	
Castings Numbers:	Head #:549C06, 597972					
Notes:	J8S232 RENAULT DIESEL, TURBO - J8S234 INTERCOOLED					
CHRYSLER	2.2	132	F	MEDALLION	86-88	
New Height:	4.400" (111.76 MM)					
Notes:	EAGLE MEDALLION, RENAULT ENGINE					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
CHRYSLER				4 Cylinders (cont.)		
CHRYSLER	2.2	135	8		82-85	
New Height:	4.1330" (104.978 MM)			Min Height:	4.1130" (104.47 MM)	
Intake Hgt:	1.9600-2.0090" (49.784-51.029 MM)			Exhaust Hgt:	1.9600-2.0090" (49.784-51.029 MM)	
Castings Numbers:	Head #:4105445, 4323287, 5203655 Block #: 4105730, 4273330, 4298430, 4343530, 4343730, 5203630, 5203630-5T					
Notes:	SOHC, 2BC					
Comments:	* ABOVE GUIDE BOSS					
CHRYSLER	2.2	135	A		91-93	
New Height:	5.020-5.023" (127.508-127.584 MM)			Exhaust Hgt:	2.190-2.200" (55.626-55.88 MM)	
Intake Hgt:	2.190-2.200" (55.626-55.88 MM)					
Castings Numbers:	Head #:44484450					
Notes:	DOHC, TURBO III, MPFI, INTERCOOLED, LOTUS HEAD					
CHRYSLER	2.2	135	A	SHELBY	86-90	
New Height:	4.1330" (104.978 MM)			Min Height:	4.1130" (104.47 MM)	
Intake Hgt:	1.9600-2.0090" (49.784-51.029 MM)			Exhaust Hgt:	1.9600-2.0090" (49.784-51.029 MM)	
Castings Numbers:	Head #:3AH-25976, 4105782, 4323287, 5203655 Block #: 4105730, 4273330, 4298430, 4315730, 4323649, 4343530, 4343830, 4343834, 4343930, 4387230, 5203630, 5203630-5T					
Notes:	SOHC, TURBO, MPI, SHELBY					
Comments:	* MEASURED FROM VALVE SPRING BOSS					
CHRYSLER	2.2	135	B		81-82	
New Height:	4.1330" (104.978 MM)			Min Height:	4.1130" (104.47 MM)	
Intake Hgt:	1.9600-2.0090" (49.784-51.029 MM)			Exhaust Hgt:	1.9600-2.0090" (49.784-51.029 MM)	
Castings Numbers:	Head #:4105445, 5203655 Block #: 4343930, 5203630					
Notes:	SOHC, 2BC					
Comments:	* MEASURED FROM VALVE GUIDE BOSS					
CHRYSLER	2.2	135	C		83-85	
New Height:	4.1330" (104.978 MM)			Min Height:	4.1130" (104.47 MM)	
Intake Hgt:	1.9600-2.0090" (49.784-51.029 MM)			Exhaust Hgt:	1.9600-2.0090" (49.784-51.029 MM)	
Castings Numbers:	Head #:4323287, 5203655 Block #: 4105730, 4273330, 4298430, 4343530, 4343830, 4343834, 4343930					
Notes:	SOHC, 2BBL					
Comments:	* MEASURED FROM VALVE GUIDE BOSS				** 10MM BOLTS ARE 30/FT LBS 45 FT/LBS, + 90°	
CHRYSLER	2.2	135	C		86-88	
New Height:	4.1330" (104.978 MM)			Min Height:	4.1130" (104.47 MM)	
Intake Hgt:	1.9600-2.0090" (49.784-51.029 MM)			Exhaust Hgt:	1.9600-2.0090" (49.784-51.029 MM)	
Castings Numbers:	Head #:4105782 Block #: 4343830, 4343834, 4343930, 4387230					
Notes:	SOHC, 2BBL					
Comments:	* MEASURED FROM GUIDE BOSS					
CHRYSLER	2.2	135	C		90	
New Height:	4.1330" (104.978 MM)			Min Height:	4.1130" (104.47 MM)	
Intake Hgt:	1.9600-2.0090" (49.784-51.029 MM)			Exhaust Hgt:	1.9600-2.0090" (49.784-51.029 MM)	
Castings Numbers:	Head #:4105782 Block #: 4315730					
Notes:	SOHC, MPI, TURBO, ROLLER CAMSHAFT					
Comments:	* MEASURED AT VALVE GUIDE BOSS					
CHRYSLER	2.2	135	D		83-85	
New Height:	4.1330" (104.978 MM)			Min Height:	4.1130" (104.47 MM)	
Intake Hgt:	1.9600-2.0090" (49.784-51.029 MM)			Exhaust Hgt:	1.9600-2.0090" (49.784-51.029 MM)	
Castings Numbers:	Head #:4105445, 4323287, 5203655 Block #: 4105730, 4273330, 4298430, 4343530, 4343830, 4343834, 4343930					
Notes:	SOHC, TBI					
Comments:	* MEASURED AT VALVE GUIDE BOSS					
CHRYSLER	2.2	135	D		86-90	
New Height:	4.1330" (104.978 MM)			Min Height:	4.1130" (104.47 MM)	
Intake Hgt:	1.9600-2.0090" (49.784-51.029 MM)			Exhaust Hgt:	1.9600-2.0090" (49.784-51.029 MM)	
Castings Numbers:	Head #:4105782 Block #: 4315730, 4343830, 4343834, 4343930, 4387230, 4501851					
Notes:	SOHC, TBI, ROLLER CAMSHAFT					
Comments:	* MEASURED AT VALVE GUIDE BOSS					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
CHRYSLER				4 Cylinders (cont.)		
CHRYSLER	2.2	135	D		91-94	
New Height:	4.1330" (104.978 MM)			Min Height:	4.1130" (104.47 MM)	
Intake Hgt:	1.9600-2.0090" (49.784-51.029 MM)			Exhaust Hgt:	1.9600-2.0090" (49.784-51.029 MM)	
 Casting Numbers:	Head #:4105782					
	Block #: 4315730, 4343834, 4501851, 4556030					
Notes:	SOHC, TBI, ROLLER CAMSHAFT					
Comments:	* MEASURED AT VALVE GUIDE BOSS					
CHRYSLER	2.2	135	E		83-85	
New Height:	4.1330" (104.978 MM)			Min Height:	4.1130" (104.47 MM)	
Intake Hgt:	1.9600-2.0090" (49.784-51.029 MM)			Exhaust Hgt:	1.9600-2.0090" (49.784-51.029 MM)	
 Casting Numbers:	Head #:4105445, 4105782, 4323287					
	Block #: 4105730, 4298430, 4343530, 4343730, 4343830, 4343834, 4343930					
Notes:	SOHC, MFI, TURBO					
Comments:	* MEASURED AT VALVE GUIDE BOSS					
CHRYSLER	2.2	135	E		86-87	
New Height:	4.133" (104.978 MM)			Min Height:	4.113" (104.47 MM)	
Intake Hgt:	1.9600-2.0090" (49.784-51.029 MM)			Exhaust Hgt:	1.9600-2.0090" (49.784-51.029 MM)	
 Casting Numbers:	Head #:4105782					
	Block #: 4343830, 4343834, 4343930, 4387230					
Notes:	SOHC, TURBO, MPI					
Comments:	* MEASURED AT VALVE GUIDE BOSS					
CHRYSLER	2.2	135	R		89-90	
New Height:	5.205-5.210" (132.207-132.334 MM)			Exhaust Hgt:	1.735-1.755" (44.069-44.577 MM)	
Intake Hgt:	1.710-1.735" (43.434-44.069 MM)					
 Casting Numbers:	Head #:4425744					
	Block #: 4315730					
Notes:	DOHC, MFI, TURBO, MASERATI HEAD					
Comments:	HEAD TORQUE SEQUENCE FRONT 10 6 2 3 7 <-- 9 5 1 4 8					
CHRYSLER	2.3	143	E	4D55	83-85	4D55
New Height:	3.7000-3.7050" (93.98-94.107 MM)			Min Height:	3.6960" (93.878 MM)	
Intake Pro / Rec:	.040-.050 V/PRO" (1.016-1.27 MM)			Exhaust Pro / Rec:	.040-.050 V/PRO" (1.016-1.27 MM)	
 Casting Numbers:	Head #:H-1332					
	Block #: AE7488, AE7498					
Notes:	4D55 TURBO DIESEL					
CHRYSLER	2.3	143	J	M4D55	84-85	M4D55
New Height:	3.700-3.7050" (93.98-94.107 MM)			Min Height:	3.696" (93.878 MM)	
Intake Pro / Rec:	.040-.050 V/PRO" (1.016-1.27 MM)			Exhaust Pro / Rec:	.040-.050 V/PRO" (1.016-1.27 MM)	
 Casting Numbers:	Head #:H-1332, H-1332					
	Block #: AE7488, AE7498					
Notes:	MMC, M4D55, DIESEL, TURBO					
CHRYSLER	2.4	143	G	COLT VISTA	93-95	4G64
New Height:	4.720-4.728" (119.888-120.091 MM)			Min Height:	4.712" (119.685 MM)	
Intake Hgt:	1.950-1.960" (49.53-49.784 MM)			Exhaust Hgt:	1.950-1.960" (49.53-49.784 MM)	
 Casting Numbers:	Head #:G6K2					
	Block #: 4G64, G64B					
Notes:	SOHC, MMC, 4G64, COLT VISTA, SUMMIT WAGON					
CHRYSLER	2.4	143	G	RAM-50	93-95	
New Height:	3.544" (90.018 MM)					
 Casting Numbers:	Block #:4G64, G64B					
Notes:	SOHC, MMC, PICKUP, RAM-50					
CHRYSLER	2.4	143	G	SEBRING	01-02	
New Height:	4.7244" (120.000 MM)					
Intake Hgt:	1.9410-1.9610" (49.300-49.800 MM) *			Exhaust Hgt:	1.9410-1.9610" (49.300-49.800 MM) *	
Notes:	SOHC, MMC, OHV, STRATUS COUPE					
Comments:	* REPORTED 1.990" MEMBER #38601 6-12-03 MC					
CHRYSLER	2.4	143	L		85-86	
New Height:	3.543" (89.992 MM)			Min Height:	3.523" (89.484 MM)	
Notes:	SOHC, EFI					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
CHRYSLER				4 Cylinders (cont.)		
CHRYSLER	2.4	143	L	VAN	87-88	
New Height:	3.5430" (89.992 MM)			Min Height:	3.5230" (89.484 MM)	
Intake Hgt:	1.6400-1.6600" (41.656-42.164 MM)			Exhaust Hgt:	1.6400-1.6600" (41.656-42.164 MM)	
Casting Numbers:	Head #:64-M					
Notes:	SOHC, EFI, VAN					
Comments:	VAN					
CHRYSLER	2.4	143	W	COLT VISTA	90-92	
New Height:	3.543-3.544" (89.992-90.018 MM)			Min Height:	3.5230" (89.484 MM)	
Intake Hgt:	1.6400-1.6600" (41.656-42.164 MM)			Exhaust Hgt:	1.6400-1.6600" (41.656-42.164 MM)	
Casting Numbers:	Head #:64-M Block #: 4G64, G64B, L-1111					
Notes:	SOHC, MMC, D-50, COLT VISTA, EAGLE SUMMIT					
CHRYSLER	2.4	146	B	CARAVAN	96-04	
New Height:	5.4280-5.4300" (137.922 MM)			Min Height:	5.4035" (137.618 MM)	
Intake Hgt:	1.870-1.909" (47.500-48.500 MM)			Exhaust Hgt:	1.870-1.909" (47.500-48.500 MM) *	
Casting Numbers:	Head #:4667086 Block #: 6G72					
Notes:	DOHC, MPI, 16 VALVE, CARAVAN, PT CRUISER					
Comments:	* 1.900-1.905" REPORTED					
CHRYSLER	2.4	148		NEON	-04	
Intake Hgt:	1.870-1.909" (47.500-48.500 MM)			Exhaust Hgt:	1.870-1.909" (47.500-48.500 MM)	
Notes:	DOHC, NON-TURBO, NEON					
CHRYSLER	2.4	148	S	CIRRUS	96-03	
New Height:	5.4115-5.4193"			Min Height:	5.4035" (162.649 MM)	
Intake Hgt:	1.870-1.909" (47.500-48.500 MM)			Exhaust Hgt:	1.870-1.909" (47.500-48.500 MM)	
Casting Numbers:	Head #:4667086					
Notes:	DOHC, TURBO, 16 VLV, SEBRING, STRATUS, SOLD IN MEXICO					
CHRYSLER	2.4	148	S	NEON	03-04	
Intake Hgt:	1.870-1.909" (47.500-48.500 MM)			Exhaust Hgt:	1.870-1.909" (47.500-48.500 MM)	
Notes:	DOHC, TURBO, HIGH OUTPUT, NEON					
CHRYSLER	2.4	148	X	CIRRUS	95-05	
New Height:	5.4115-5.4193" (137.452-137.65 MM)			Min Height:	5.4035" (137.249 MM)	
Intake Hgt:	1.870-1.909" (47.500-48.500 MM)			Exhaust Hgt:	1.870-1.909" (47.500-48.500 MM)	
Casting Numbers:	Head #:0, 4667086 Block #: 4621443, 4621445, 4667642					
Notes:	DOHC, 16 VALVE, CIRRUS & STRATUS					
Comments:	* USES VALVE SPRING NUMBER 4777555					
CHRYSLER	2.5	150	E		89-93	
New Height:	3.500" (88.9 MM)			Min Height:	NO MIN MEASURE CHAMBER IN CC'S	
Intake Hgt:	1.765-1.795" (44.831-45.593 MM)			Exhaust Hgt:	1.765-1.795" (44.831-45.593 MM)	
Casting Numbers:	Head #:117, 2403, 3242, 3242893, 403, 893 Block #: 3239448, 33003059, 53005532, 53008403, 5933004200, 8933003059, 8933004200					
Notes:	2.46 L JEEP					
CHRYSLER	2.5	150	H		86-88	
New Height:	3.500" (88.9 MM)					
Intake Hgt:	1.765-1.795" (44.831-45.593 MM)			Exhaust Hgt:	1.765-1.795" (44.831-45.593 MM)	
Casting Numbers:	Head #:117, 2403, 3242, 3242893, 403, 405, 408, 645, 684, 893 Block #: 3239448, 33003059, 5933004200, 8933003059, 8933004200					
Notes:	2.46 L JEEP					
CHRYSLER	2.5	150	P	DAKOTA	91-02	
New Height:	3.500" (88.9 MM)					
Intake Hgt:	1.765-1.795" (44.831-45.593 MM)			Exhaust Hgt:	1.765-1.795" (44.831-45.593 MM)	
Casting Numbers:	Head #:117, 2403, 3242893, 40, 403, 408, 893 Block #: 3239448, 33003059, 53005532, 53008403, 5933004200, 63008403, 8933004200					
Notes:	2.46 L JEEP, DAKOTA					
CHRYSLER	2.5	150	U		84-86	
New Height:	3.500" (88.9 MM)					
Intake Hgt:	1.7650-1.7950" (44.831-45.593 MM)			Exhaust Hgt:	1.7650-1.7950" (44.831-45.593 MM)	
Casting Numbers:	Head #:2403, 2405, 3242, 3242893, 403, 893 Block #: 3239448, 33003059, 5933004200, 89330030359, 8933003059, 8933004200					
Notes:	2.46 L JEEP EAGLE					
Comments:	<- FRONT HEAD BOLT PATTERN 10 6 2 3 9 8 5 1 4 7					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
CHRYSLER				4 Cylinders (cont.)		
CHRYSLER	2.5	151	B		81-83	
New Height:	3.250" (82.55 MM)					
Intake Hgt:	2.0500-2.0800" (52.07-52.832 MM)			Exhaust Hgt:	2.0500-2.0800" (52.07-52.832 MM)	
Castings Numbers:	Head #: 10000702, 10014552, 498597, 552, 702 Block #: 10009542, 10012189, 10018152					
Notes:	GM ENGINE USED BY JEEP					
CHRYSLER	2.5	151	M		81-83	
New Height:	3.250" (82.55 MM)					
Intake Hgt:	2.0500-2.0800" (52.07-52.832 MM)			Exhaust Hgt:	2.0500-2.0800" (52.07-52.832 MM)	
Castings Numbers:	Head #: 10000702, 10014552, 552, 702 Block #: 10009542, 10012189, 10018152					
Notes:	GM, PONTIAC					
CHRYSLER	2.5	153	G	DAKOTA	94-95	
New Height:	4.1330" (104.978 MM)			Min Height:	4.1130" (104.47 MM)	
Intake Hgt:	1.9600-2.0090" (49.784-51.029 MM)			Exhaust Hgt:	1.9600-2.0090" (49.784-51.029 MM)	
Castings Numbers:	Head #: 4105782 Block #: 4315730					
Notes:	SOHC, TBI, DAKOTA					
Comments:	* BOLT TORQUE AFTER +90° SHOULD BE AT LEAST 90 FT.LBS. IF NOT, REPLACE BOLT					
CHRYSLER	2.5	153	J	DAKOTA	89-92	
New Height:	4.1330" (104.978 MM)			Min Height:	4.1130" (104.47 MM)	
Intake Hgt:	1.9600-2.0090" (49.784-51.029 MM)			Exhaust Hgt:	1.9600-2.0090" (49.784-51.029 MM)	
Castings Numbers:	Head #: 4105782 Block #: 4315730, 4323649, 4343834					
Notes:	SOHC, TURBO, MPFI, CARAVAN, DAKOTA, MINI RAM VAN					
CHRYSLER	2.5	153	K		87-90	
New Height:	4.1330" (104.978 MM)			Min Height:	4.1130" (104.47 MM)	
Intake Hgt:	1.9600-2.0090" (49.784-51.029 MM)			Exhaust Hgt:	1.9600-2.0090" (49.784-51.029 MM)	
Castings Numbers:	Head #: 4105782 Block #: 4273230, 4315730, 4323649, 4556030					
Notes:	SOHC, TBI					
Comments:	* OTHERS, 195-212#S @1.220"					
CHRYSLER	2.5	153	K		91-95	
New Height:	4.1330" (104.978 MM)			Min Height:	4.1130" (104.47 MM)	
Intake Hgt:	1.9600-2.0090" (49.784-51.029 MM)			Exhaust Hgt:	1.9600-2.0090" (49.784-51.029 MM)	
Castings Numbers:	Head #: 4105782 Block #: 4315730, 4556030					
Notes:	SOHC, TBI					
Comments:	* BOLT TORQUE AFTER +90° SHOULD BE AT LEAST 90#. IF NOT, REPLACE BOLT					
CHRYSLER	2.5	153	L		86-87	
New Height:	4.1330" (104.978 MM)			Min Height:	4.1130" (104.47 MM)	
Intake Hgt:	1.9600-2.0090" (49.784-51.029 MM)			Exhaust Hgt:	1.9600-2.0090" (49.784-51.029 MM)	
Castings Numbers:	Head #: 4105782, 4323287 Block #: 4273230, 4323649					
Notes:	SOHC					
CHRYSLER	2.5	153	V		93-95	
New Height:	4.1330" (104.978 MM)			Min Height:	4.1130" (104.47 MM)	
Intake Hgt:	1.9600-2.0090" (49.784-51.029 MM)			Exhaust Hgt:	1.9600-2.0090" (49.784-51.029 MM)	
Castings Numbers:	Head #: 4105782 Block #: 4315730, 4556030					
Notes:	PFI, FLEXIBLE FUEL, SOHC					
Comments:	* BOLT TORQUE AFTER +90° SHOULD BE AT LEAST 90 FT/LBS. IF NOT, REPLACE BOLT					
CHRYSLER	2.5	153	W		92-93	
New Height:	4.1330" (104.978 MM)			Min Height:	4.1130" (104.47 MM)	
Castings Numbers:	Head #: 4105782					
Notes:	SOHC, MFI					
Comments:	* SEE TB 1286					
CHRYSLER	2.6	156	7	RAM-50	81-85	4G54
New Height:	3.539-3.547" (89.900-90.100 MM)			Min Height:	3.5230" (89.484 MM)	
Intake Hgt:	1.690-1.710" (42.926-43.434 MM)			Exhaust Hgt:	1.680-1.700" (42.672-43.18 MM)	
Castings Numbers:	Head #: 4JC Block #: 4G54, 4G54B, 644720, 645362, 649656, G54, G54B					
Notes:	SOHC, MMC, 2BC, MECH CAM, RWD, RAM 50					
Comments:	* VALVE SPG FREE LENGTH FROM 5/84->90 = 1.961" AUX VALVE ASSEMBLY PART #MD009440					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
CHRYSLER				4 Cylinders (cont.)		
CHRYSLER	2.6	156	D		78-80	4G54
New Height:	3.539-3.547" (89.900-90.100 MM)			Min Height:	3.5230" (89.484 MM)	
Intake Hgt:	1.770-1.790" (44.958-45.466 MM) *			Exhaust Hgt:	1.760-1.780" (44.704-45.212 MM) *	
Casting Numbers:	Head #:4JC Block #: 4G54, 4G54B, G54, G54B					
Notes:	SOHC, MMC, 2BC COLT D-50					
Comments:	*MECHANICAL VALVE TRAIN					
CHRYSLER	2.6	156	D		79-82	4G54
New Height:	3.539-3.547" (89.900-90.100 MM)			Min Height:	3.5230" (89.484 MM)	
Intake Hgt:	1.770-1.790" (44.958-45.466 MM) *			Exhaust Hgt:	1.760-1.780" (44.704-45.212 MM) *	
Casting Numbers:	Head #:4JC Block #: 4G54, 4G54B, G54, G54B					
Notes:	SOHC, MMC, 2BC, SOLID VALVE TRAIN					
Comments:	*MECHANICAL VALVE TRAIN					
CHRYSLER	2.6	156	E	RAM-50	85-89	
New Height:	3.539-3.547" (89.900-90.100 MM)			Min Height:	3.5230" (89.484 MM)	
Intake Hgt:	1.690-1.710" (42.926-43.434 MM)			Exhaust Hgt:	1.680-1.700" (42.672-43.18 MM)	
Casting Numbers:	Head #:4JC Block #: 4G54, 4G54B, G54, G54B					
Notes:	SOHC, MMC, 2BC, HYD VALVE TRAIN, RWD, RAM 50					
Comments:	* 5/84-90: 1.961"					
CHRYSLER	2.6	156	G		83-86	4G64
New Height:	3.539-3.547" (89.900-90.100 MM)			Min Height:	3.5230" (89.484 MM)	
Intake Hgt:	1.690-1.710" (42.926-43.434 MM)			Exhaust Hgt:	1.680-1.700" (42.672-43.18 MM)	
Casting Numbers:	Head #:4JC Block #: 4G54, 4G54B, 644720, 645362, 649656, G54, G54B					
Notes:	SOHC, MMC, 2BC, MECH CAM					
Comments:	* VALVE SPG FREE LENGTH FROM 5/84->90: 1.961 ** AUX VALVE ASSEMBLY PART #MD009440					
CHRYSLER	2.6	156	H	CONQUEST	84-88	
New Height:	3.539-3.547" (89.900-90.100 MM)			Min Height:	3.5230" (89.484 MM)	
Intake Hgt:	1.770-1.790" (44.958-45.466 MM)			Exhaust Hgt:	1.760-1.780" (44.704-45.212 MM)	
Casting Numbers:	Head #:4JC, 4JC, M24 Block #: 4G54, 4G54B, G54, G54B					
Notes:	SOHC, MMC, EFI, TURBO, MECH VALVE TRAIN, CONQUEST					
Comments:	* 5/84-90: 1.961					
CHRYSLER				5 Cylinders		
CHRYSLER	2.7	165		SPRINTER	03-05	
New Height:	4.9941-5.0059" (126.850-127.150 MM)			Exhaust Pro / Rec:	.039-.055" V/REC (1.000-1.400 MM)	
Intake Pro / Rec:	.043-.059" V/REC (1.100-1.500 MM)					
Notes:	MB DIESEL, DOHC, TURBO					
CHRYSLER	3.1	189				
Intake Pro / Rec:	.031-.047" V/REC (.800-1.200 MM)			Exhaust Pro / Rec:	.031-.047" V/REC (.790-1.190 MM)	
Notes:	DIESEL, MERCEDES ENGINE					
Comments:	* 12 CENTER BOLTS 22 FT/LBS, +70r, +70r, THEN OUTER M1 & M2 BOLTS 22 FT/LBS, +85r, LOOSEN ALL BOLTS, THEN 12 CENTER BOLTS 22 FT/LBS, + 130r, AND OUTER M1 & M2 BOLTS 66 FT/LBS.					
CHRYSLER				6 Cylinders		
CHRYSLER	2.5	152	H	STRATUS	95-99	6G73
New Height:	4.725" (120.015 MM)			Min Height:	4.717" (119.812 MM)	
Intake Hgt:	1.950"			Exhaust Hgt:	1.950"	
Casting Numbers:	Head #:G7S4FF Block #: 6G73					
Notes:	SOHC, 24 VALVE, CIRRUS					
CHRYSLER	2.5	152	N	AVENGER	95-00	6G73
New Height:	4.720-4.730" (119.888-120.142 MM)			Min Height:	NO MIN SUPPLIED FROM OEM	
Intake Hgt:	1.9409-1.9606" (49.298-49.799 MM)			Exhaust Hgt:	1.9409-1.9606" (49.298-49.799 MM)	
Casting Numbers:	Block #:6G73					
Notes:	SOHC, 24 VALVE, SEBRING, AVENGER					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
CHRYSLER						6 Cylinders (cont.)
CHRYSLER	2.7	167	R	CONCORDE	98-04	
New Height:	4.4910-4.4930" (114.071-114.122 MM)			Min Height:	NOT SUPPLIED BY OEM	
Intake Hgt:	1.8367-1.8735" (46.652-47.587 MM) **			Exhaust Hgt:	1.8978-1.9346" (48.204-49.139 MM) **	
Castings Numbers:	Head #:4663697, 4663797, 4663979 Block #: 4663611					
Notes:	DOHC, SFI, 60°, 24-VALVE, INTREPID, CONCORDE					
Comments:	* GUIDE HEIGHT MEASURED CYLINDER HEAD SURFACE-TOP OF GUIDE. ** NEW HEADS, VALVES, EXHAUST MEASURE THE SAME AS THE INTAKE INSTALLED HEIGHT 1.8367-1.8735" AND ALSO HAVE .100" MARGIN ON EXHAUST. 3RD INSTALLED HEIGHT 1.970" ON ALL MEMBER #4517 04-04 MC					
CHRYSLER	2.7	167	U	CONCORDE	00-03	
New Height:	4.4910-4.4930" (114.071-114.122 MM)			Min Height:	NOT SUPPLIED BY OEM AS OF 2005	
Intake Hgt:	1.8367-1.8730" (46.653-47.587 MM)			Exhaust Hgt:	1.9144-1.9180" (48.205-49.139 MM)	
Notes:	DOHC, SFI, 60°, 24-VALVE, INTREPID, CONCORDE					
Comments:	* FROM CYL HEAD SURF TO TOP OF GUIDE.					
CHRYSLER	2.7	167	V	CONCORDE	00-03	
New Height:	4.4910-4.4930" (114.071-114.122 MM)			Min Height:	NOT SUPPLIED BY OEM AS OF 2005	
Intake Hgt:	1.8367-1.873" (46.653-47.587 MM)			Exhaust Hgt:	1.9144-1.9180" (48.205-49.139 MM)	
Notes:	DOHC, SFI, 60°, 24-VALVE, INTREPID, CONCORDE					
Comments:	* FROM CYL HEAD SURFACE TO TOP OF GUIDE.					
CHRYSLER	2.8	170		BARRACUDA	60-71	
Intake Hgt:	1.9070-1.9370" (48.438-49.2 MM) *			Exhaust Hgt:	1.9070-1.9370" (48.438-49.2 MM) *	
Castings Numbers:	Head #:039, 2121476, 2128654, 2202952, 2205035, 2206035, 2264478, 2468253, 2843169, 3614850, 865 Block #: 2121354, 2121474, 2202843, 2205630, 2224478, 2264478, 2463230					
Notes:	PLYMOUTH BARRACUDA, BELVEDERE, SLANT SIX					
Comments:	* WITH HYD LIFTERS: 1.930-1.970					
CHRYSLER	2.8	173	W		84-87	
New Height:	3.5805-3.595" (90.945-91.313 MM)			Exhaust Hgt:	1.9700-2.0000" (50.038-50.8 MM)	
Intake Hgt:	1.8800-1.9100" (47.752-48.514 MM)					
Castings Numbers:	Head #:14022292, 14024258, 14033282, 14033292, 14054877, 14054882, 14057877, 14057879, 14084882, 476053, 476503 Block #: 14033068, 14072061, 14072061, 14078889, 14080504, 14083370, 14083379, 14089818					
Notes:	JEEP WITH 2.8L CHEVY ENGINE 1ST DESIGN					
Comments:	*HO & EFI HEADS, 1.600" & 1.300" FOR CARB. ENGINE					
CHRYSLER	3.0	181	3		87-95	
New Height:	3.3030-3.3110" (83.896-84.099 MM)			Min Height:	3.2950" (83.693 MM)	
Intake Hgt:	1.635-1.650" (41.529-41.91 MM)			Exhaust Hgt:	1.635-1.650" (41.529-41.91 MM)	
Castings Numbers:	Head #:16, 19N, 24, 30, 42, 5, 6, A, B, T3A, T3D, T3F, T3L Block #: 41, 42, 6G72, 8713N3, 9107D2					
Notes:	MMC, SOHC, MPFI, 60°					
Comments:	* SPRING LENGTH 90-91: 1.921-1.960"					
CHRYSLER	3.0	181	3		96-99	
New Height:	3.3030-3.3110" (83.896-84.099 MM)			Min Height:	3.2950" (83.693 MM)	
Intake Hgt:	1.635-1.650" (41.529-41.91 MM)			Exhaust Hgt:	1.635-1.650" (41.529-41.91 MM)	
Castings Numbers:	Head #:19N, 42, 5, 6, A, B, T3A, T3D, T3F, T3L Block #: 41, 42, 6G72, 8713N3					
Notes:	MMC, SOHC, MPFI, 60°					
Comments:	* SPRING LENGTH 90-91 & 96: 1.921-1.960"					
CHRYSLER	3.0	181	3	SEBRING	01-03	
New Height:	4.7244" (120.000 MM)			Exhaust Hgt:	1.941-1.960" (49.300-49.800 MM)	
Intake Hgt:	1.941-1.960" (49.300-49.800 MM)					
Notes:	SOHC, MMC, 60r OHV, STRATUS COUPE					
CHRYSLER	3.0	181	B		91-92	
New Height:	5.1968" (131.999 MM)			Exhaust Hgt:	1.840" REPORTED (47.244 MM)	
Intake Hgt:	1.850" REPORTED (47.498 MM)					
Castings Numbers:	Head #:1226, 25 E Block #: 6G72					
Notes:	MMC, DOHC, NON TURBO, 60° V6					
CHRYSLER	3.0	181	C		91-92	
New Height:	5.1968" (131.999 MM)			Exhaust Hgt:	1.840" REPORTED (47.244 MM)	
Intake Hgt:	1.850" REPORTED (47.498 MM)					
Castings Numbers:	Head #:1226, 3943627 Block #: 6G72					
Notes:	MMC, DOHC, TWIN TURBO, 60° V6					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
CHRYSLER						6 Cylinders (cont.)
CHRYSLER	3.0	181	H	SEBRING	01-04	
New Height: 4.7244" (120.000 MM) Intake Hgt: 1.941" (49.300 MM) Notes: SOHC, MMC, 60° OHV, STRATUS COUPE Exhaust Hgt: 1.941" (49.300 MM)						
CHRYSLER	3.0	181	H	STEALTH	93-95	
New Height: 3.3030-3.3110" (83.896-84.099 MM) Intake Hgt: 1.591-1.630" (40.411-41.402 MM) Casting Numbers: Block #:41, 42, 6G72, 8713N3, 9107D2 Notes: SOHC, MMC, MPFI, 60°, STEALTH Min Height: 3.2950" (83.693 MM) Exhaust Hgt: 1.591-1.630" (40.411-41.402 MM)						
CHRYSLER	3.0	181	J	STEALTH	93-95	
New Height: 5.1968" (131.999 MM) Intake Hgt: 1.840-1.870" (46.736-47.498MM) Casting Numbers: Block #:6G72 Notes: DOHC, MMC, NON TURBO, STEALTH Comments: * 1995 = 53# @ 1.492 Min Height: 5.1888" (131.796 MM) Exhaust Hgt: 1.840-1.870" (46.736-47.498MM)						
CHRYSLER	3.0	181	K		93-97	
New Height: 5.1968" (131.999 MM) Intake Hgt: 1.870 REPORTED" (47.498 MM) Notes: MMC, DOHC, TWIN TURBO, 60° V6 Min Height: 5.1888" (131.796 MM) Exhaust Hgt: 1.860 REPORTED" (47.244 MM)						
CHRYSLER	3.0	181	S		90-92	
New Height: 3.303-3.311" (83.896-84.099 MM) Intake Hgt: 1.635-1.650" (41.529-41.91 MM) Casting Numbers: Head #:3136973, 3138396, 3144092, 5, 6, A, B Block #: 41, 42, 6G72, 8713N3, 9107D2 Notes: MMC, SOHC, MFI Comments: * SPRING LENGTH 90-91: 1.921-1.960 Min Height: 3.295" (83.693 MM) Exhaust Hgt: 1.635-1.650" (41.529-41.91 MM)						
CHRYSLER	3.0	181	U		91-92	
New Height: 3.3030-3.3110" (83.896-84.099 MM) Intake Hgt: 1.6350-1.6500" (41.529-41.91 MM) Casting Numbers: Block #:9107D2 Notes: MMC, MFI Min Height: 3.2950" (83.693 MM) Exhaust Hgt: 1.6350-1.6500" (41.529-41.91 MM)						
CHRYSLER	3.0	181	V		92	
New Height: 3.303-3.311" (83.896-84.099 MM) Intake Hgt: 1.6350-1.6500" (41.529-41.91 MM) Casting Numbers: Head #:42, 5, 6, A, B Block #: 41, 42, 8713N3, 9107D2 Notes: MMC, MFI Comments: * SPRING LENGTH 90-91 = 1.921-1.960 Min Height: 3.295" (83.693 MM) Exhaust Hgt: 1.6350-1.6500" (41.529-41.91 MM)						
CHRYSLER	3.0	184	EAGLE		89-92	
New Height: 4.363" (110.82 MM) Intake Hgt: 1.730" (43.942 MM) Casting Numbers: Head #:7946000197F, 7946000203F Notes: RENAULT, EAGLE PREMIER, CHRYSLER CALLS IT VIN "U" Comments: * TORQ APPLIES-ENGINES AFTER BUILD CODE 89615 HEAD. *** INST HGT MEASURED FROM BOTTOM OF VALVE GUIDE-TOP OF VALVE SEAT. ** DO NOT RESURFACE CYL Min Height: 4.363" (110.82 MM) * Exhaust Hgt: 1.730" (43.942 MM)						
CHRYSLER	3.0	184	J		88	
New Height: 4.363" (110.82 MM) Casting Numbers: Head #:7946000197F Notes: RENAULT, EAGLE PREMIER Comments: * TORQ APPLIES-ENGINES AFTER BUILD CODE 89615 ** DO NOT RESURFACE CYL HEAD. *** INSTALLED HGT MEASURED FROM BOTTOM OF VALVE GUIDE-TOP OF VALVE SEAT.						
CHRYSLER	3.2	195	J	CONCORDE	98-01	
New Height: 4.745" Intake Hgt: 1.6680-1.7187" (42.367-43.655 MM) Notes: INTREPID, CONCORDE, 24 VALVE SOHC 60° Exhaust Hgt: 1.7600-1.8105" (44.704-45.987 MM)						
CHRYSLER	3.2	198	B		74-74	
Intake Hgt: 1.9070-1.9370" (48.438-49.2 MM) Casting Numbers: Head #:2128654, 2202952, 2206035, 2841569, 2843169, 3614850, 3671476, 3671619, 3698447 Block #: 1381623, 2128418, 2463430, 2464779, 2806830, 2951979 Notes: 1BC, SLANT SIX Exhaust Hgt: 1.9070-1.9370" (48.438-49.2 MM)						

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
CHRYSLER						6 Cylinders (cont.)
CHRYSLER	3.3	201	3	CARAVAN	03-04	
New Height:	4.446-4.450" (112.928 MM) ***					
Intake Hgt:	1.890-1.950" (48.100-49.700 MM) *			Exhaust Hgt:	1.910-1.970" (48.530-50.090 MM) *	
Notes:	TOWN & COUNTRY, VOYAGER, ETHANOL FLEX FUEL					
Comments:	* INSTALLED STEM HGT FROM VALVE TIP TO SPRING SEAT WASHER. **MUST BE GREATER THAN 90 FT/LBS, IF NOT - REPLACE BOLTS. *** REPORTED MEMBER #1554 6-16-04 MC					
CHRYSLER	3.3	201	G	CARAVAN	98-01	
New Height:	4.2480-4.2530** (107.899-108.026 MM)			Min Height:	4.240" (107.696 MM)	
Intake Hgt:	1.890-1.950" *** (48.10-49.70 MM)			Exhaust Hgt:	1.910-1.970" (48.53-50.09 MM)	
Castings Numbers:	Head #:04694688AA, 4694183 Block #: 4448030, 4556430, 4621763, 4621944, 7750401113					
Notes:	TOWN COUNTRY, CARAVAN, VOYAGER ETHANOL FLEXIBLEMPI					
Comments:	* MEASURED AT ROCKER STAND TOP SURFACE ** 8MM BOLT = 25 FT/LBS *** MEASURED WITH SPRING SEAT WASHER INSTALLED					
CHRYSLER	3.3	201	J		94-98	
New Height:	.945" (24.003 MM) *					
Intake Hgt:	1.9504-2.0185" (49.54-51.27 MM)			Exhaust Hgt:	1.9504-2.0185" (49.54-51.27 MM)	
Castings Numbers:	Head #:4448015, 4621510, 7750405 Block #: 4448030, 4556430, 4621763, 4621944, 7750401113					
Notes:	CNG, OHV, 60° V6, ROLLER CAM					
Comments:	* MEASURED AT OUTER HEAD BOLT BOSS		** 8 MM BOLT = 25 FT/LBS		REPLACE BOLT.	
CHRYSLER	3.3	201	R	TOWN & COUNT	03-04	
Intake Hgt:	1.890-1.950" (48.100-49.700 MM) *			Exhaust Hgt:	1.910-1.970" (48.530-50.090 MM) *	
Notes:	SMPI, 60r V6, TOWN & COUNTRY, CARAVAN, VOYAGER					
Comments:	* STEM HEIGHT MEASURED FROM VALVE TIP TO SPRING SEAT WASHER. **MUST BE GREATER THAN 90 FT/LBS - IF NOT, REPLACE BOLTS.					
CHRYSLER	3.3	201	R	TOWN & COUNT	90-02	
New Height:	4.2480-4.2530" (107.899-108.026 MM) *			Min Height:	4.240" (107.696 MM)	
Intake Hgt:	1.9504-2.0185" (49.54-51.27 MM)			Exhaust Hgt:	1.9504-2.0185" (49.54-51.27 MM)	
Castings Numbers:	Head #:4448015, 4621510, 4694183, 7750405 Block #: 4448030, 4556430, 4621763, 4621944, 7750401113					
Notes:	MPFI, OHV, 60° V6, ROLLER CAM, VOYAGER, TOWN & COUNTRY					
Comments:	* MEASURED AT ROCKER STAND TOP SURFACE ** 8MM BOLT = 25 FT/LBS *** 1996 = 1.622-1.681					
CHRYSLER	3.3	201	T	CONCORDE	93-97	
New Height:	.945" (24.003 MM) *					
Intake Hgt:	1.9504-2.0185" (49.54-51.27 MM)			Exhaust Hgt:	1.9504-2.0185" (49.54-51.27 MM)	
Castings Numbers:	Head #:4448015, 4621510, 7750405 Block #: 4448030, 4556430, 4621763, 4621944, 7750401113					
Notes:	MFI, OHV, 60° V6, ROLLER CAM, CONCORD, INTRPID, VISION					
Comments:	* MEASURED AT OUTER HEAD BOLT BOSS		** 8 MM BOLT = 25 FT/LBS			
CHRYSLER	3.3	201	U		94-97	
New Height:	.945" (24.003 MM) *					
Intake Hgt:	1.9504-2.0185" (49.54-51.27 MM)			Exhaust Hgt:	1.9504-2.0185" (49.54-51.27 MM)	
Castings Numbers:	Head #:4448015, 4621510, 7750405 Block #: 4448030, 4621763, 4621944, 7750401113					
Notes:	MFI, FLEXIBLE FUEL, OHV, 60° V6, ROLLER CAM					
Comments:	* MEASURED AT OUTER HEAD BOLT BOSS		** 8 MM BOLT = 25 FT/LBS			
CHRYSLER	3.5	214	4	PACIFICA	04-06	
Intake Hgt:	1.6679-1.7191" (42.366-43.665 MM)			Exhaust Hgt:	1.7600-1.8105" (44.705-45.986 MM)	
Notes:	SOHC, 60r V-6, 24 VALVE, PACIFICA					
CHRYSLER	3.5	215	F		93-97	
New Height:	4.7392-4.7490" (120.376-120.625 MM)			Min Height:	4.7312" (120.172 MM)	
Intake Hgt:	1.6680-1.7187" (42.367-43.655 MM)			Exhaust Hgt:	1.7600-1.8105" (44.704-45.987 MM)	
Castings Numbers:	Head #:4315807, 4315807B, 4325807, 46633490A, 4663490, 4663490A, C30E-A Block #: 4556530, 4663458					
Notes:	SOHC, 24 VALVE, 60° V-6, MPFI, CAST IRON BLOCK					
Comments:	ALUMINUM HEAD *MEASURED FROM CYL. HEAD SURFACE.					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
CHRYSLER						6 Cylinders (cont.)
CHRYSLER	3.5	215	G		98-02	
New Height:	4.7392-4.7490" (120.376-120.625 MM)			Min Height:	4.7312" (120.172 MM)	
Intake Hgt:	1.6680-1.7185" (42.367-43.65 MM)			Exhaust Hgt:	1.7600-1.8102" (44.704-45.979 MM)	
Casting Numbers:	Head #:4325807, 4463490A, 4663490A, 4663894 Block #: 4556530, 4663458					
Notes:	SOHC, 60° V-6, 24 VALVE, MPFI, ALUMINUM BLOCK					
Comments:	ALUMINUM HEAD *MEASURED FROM CYL. HEAD SURFACE.					
CHRYSLER	3.5	215	K		02-04	
New Height:	4.7392-4.7490" (120.376-120.625 MM)			Min Height:	4.7312" (120.172 MM)	
Intake Hgt:	1.6680-1.7185" (42.367-43.650 MM)			Exhaust Hgt:	1.7600-1.8102" (44.704-45.979 MM)	
Casting Numbers:	Head #:4325807, 4463490A, 4663490A Block #: 4556530, 4663458					
Notes:	SOHC, 60r V-6, 24 VALVE, MPFI, ALUMINUM BLOCK					
Comments:	ALUMINUM HEAD. * MEASURED FROM CYL HEAD SURFACE.					
CHRYSLER	3.5	215	M		02-04	
New Height:	4.7392-4.7490" (120.376-120.625 MM)			Min Height:	4.7312" (120.172 MM)	
Intake Hgt:	1.6680-1.7185" (42.367-43.650 MM)			Exhaust Hgt:	1.7600-1.8102" (44.704-45.979 MM)	
Casting Numbers:	Head #:4325807, 4463490A, 4663490A Block #: 4556530, 4663458					
Notes:	SOHC, 60r V6, 24 VALVE, MPFI, ALUMINUM BLOCK					
Comments:	ALUMINUM HEAD. * MEASURED FROM CYL HEAD SURFACE.					
CHRYSLER	3.5	215	V		02-04	
New Height:	4.7392-4.7490" (120.376-120.625 MM)			Min Height:	4.7312" (120.172 MM)	
Intake Hgt:	1.6680-1.7185" (42.367-43.650 MM)			Exhaust Hgt:	1.7600-1.8102" (44.704-45.979 MM)	
Casting Numbers:	Head #:4325807, 4463490A, 4663490A Block #: 4556530, 4663458					
Notes:	SOHC, 60r V6, 24 VALVE, MPFI, ALUMINUM BLOCK					
Comments:	ALUMINUM HEAD. * MEASURED FROM CYL HEAD SURFACE.					
CHRYSLER	3.7	225			76-87	
New Height:	3.6250" (92.075 MM)					
Intake Hgt:	1.9070-1.9370" (48.438-49.2 MM)			Exhaust Hgt:	1.9070-1.9370" (48.438-49.2 MM)	
Casting Numbers:	Head #:1364391, 2121476, 212476, 2128654, 2202952, 2205035, 2206035, 2468252, 2841569, 2843169, 3614850, 3644850, 3671619, 3688447, 3695447, 3698447, 3698447-1, 3698995, 389447, 3898447, 4027600, 4027600-5, 4095778, 4104362 Block #: 030-11, 030-12, 030-14, 0357, 0375, 0696, 1211784, 2121355, 2128415, 2128418, 2202857, 2205528, 2295528, 2433430, 2463430, 2464479, 2663440, 2775, 2806830, 330-2, 530, 530-11, 530-14, 729600, 733911, 830					
Notes:	SLANT 6					
Comments:	TRUCK ALSO ** ROCKER RATIO 1.50:1 OR 1.60:1					
CHRYSLER	3.7	225	B		69-80	
New Height:	3.6250" (92.075 MM)					
Intake Hgt:	1.930-1.970" (49.022-50.038 MM)			Exhaust Hgt:	1.930-1.970" (49.022-50.038 MM)	
Casting Numbers:	Head #:2128654, 2202952, 2206035, 2843169, 3614850, 3688447, 3698447, 4027600, 4104362 Block #: 030-14, 2202857, 2205528, 2463430, 2775, 2806830					
Notes:	2BC					
CHRYSLER	3.7	225	C		60-80	
New Height:	3.6250" (92.075 MM)					
Intake Hgt:	1.9070-1.9370" (48.438-49.2 MM)			Exhaust Hgt:	1.9070-1.9370" (48.438-49.2 MM)	
Casting Numbers:	Head #:2128654, 2202952, 2206035, 2843169, 3614850, 3688447, 3698447, 4027600, 4104362 Block #: 030-14, 2202857, 2205528, 2463430, 2775, 2806830					
Notes:	1BC, ALUMNIUM OR CAST IRON BLOCK					
CHRYSLER	3.7	225	D		77-80	
Intake Hgt:	1.9070-1.9370" (48.438-49.2 MM)			Exhaust Hgt:	1.9070-1.9370" (48.438-49.2 MM)	
Casting Numbers:	Head #:3698447, 4104362					
Notes:	2BC					
CHRYSLER	3.7	225	E		81-82	
Intake Hgt:	1.9070-1.9370" (48.438-49.2 MM)			Exhaust Hgt:	1.9070-1.9370" (48.438-49.2 MM)	
Casting Numbers:	Head #:4095778					
Notes:	1BC					
CHRYSLER	3.7	225	F		81-82	
Intake Hgt:	1.9300-1.9700" (49.022-50.038 MM)			Exhaust Hgt:	1.9300-1.9700" (49.022-50.038 MM)	
Casting Numbers:	Head #:4095778					
Notes:	1BC					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
CHRYSLER				6 Cylinders (cont.)		
CHRYSLER	3.7	225	G		82	
Intake Hgt:	1.9070-1.9370" (48.438-49.2 MM)			Exhaust Hgt:	1.9070-1.9370" (48.438-49.2 MM)	
Casting Numbers:	Head #:4095778					
Notes:	2BC					
CHRYSLER	3.7	225	H		82-87	
New Height:	3.6250" (92.075 MM)					
Intake Hgt:	1.9070-1.9370" (48.438-49.2 MM)			Exhaust Hgt:	1.9070-1.9370" (48.438-49.2 MM)	
Casting Numbers:	Head #:4095778 Block #: 1211784, 2463440, 2806830, 330, 330-4, 4343730					
Notes:	2BC					
CHRYSLER	3.7	225	J		83-84	
Intake Hgt:	1.9070-1.9370" (48.438-49.2 MM)			Exhaust Hgt:	1.9070-1.9370" (48.438-49.2 MM)	
Casting Numbers:	Head #:4095778					
Notes:	1BC					
CHRYSLER	3.7	225	K		02-05	
New Height:	3.588" (91.135 mm) OAH			Min Height:	NOT SUPPLIED BY OEM AS OF 2005	
Intake Hgt:	2.014-2.058" (51.170-52.270 MM)			Exhaust Hgt:	2.071-2.114" (52.610-53.710)	
Notes:	SOHC, 90° 12 VALVE, JEEP LIBERTY, DURANGO					
Comments:	* IN THE 2002 MANUAL: EXHAUST FREE LENGTH=1.9610", EXHAUST CLOSED=88-97# @ 1.5795", EXHAUST OPEN=217-237# @ 1.107, INTAKE OPEN=221-234# @ 1.107"					
CHRYSLER	3.7	225	M225		82	
Intake Hgt:	1.9070-1.9370" (48.438-49.2 MM)			Exhaust Hgt:	1.9070-1.9370" (48.438-49.2 MM)	
Notes:	MARINE, COMMANDO, 150-155 HP					
CHRYSLER	3.7	225	N		80	
Intake Hgt:	1.9070-1.9370" (48.438-49.2 MM)			Exhaust Hgt:	1.9070-1.9370" (48.438-49.2 MM)	
Casting Numbers:	Head #:4104362					
Notes:	1BC					
CHRYSLER	3.7	225	W		82	
Intake Hgt:	1.9070-1.9370" (48.438-49.2 MM)			Exhaust Hgt:	1.9070-1.9370" (48.438-49.2 MM)	
Casting Numbers:	Head #:4095778					
Notes:	2BC					
CHRYSLER	3.8	231	L		01-05	
Intake Hgt:	1.890-1.950" (48.100-49.700 MM) *			Exhaust Hgt:	1.910-1.970" (48.530-50.090 MM) *	
Notes:	MPFI, 60r V6, ROLLER CAM					
Comments:	* INSTALLED STEM HEIGHT MEASURED FROM VALVE TIP TO SPRING SEAT WASHER. ** FINAL TORQUE SHOULD BE GREATER THAN 90 FT/LBS. IF NOT, REPLACE BOLTS.					
CHRYSLER	3.8	231	L		91-00	
New Height:	.945" (24.003 MM) *					
Intake Hgt:	1.9504-2.0185" (49.54-51.27 MM)			Exhaust Hgt:	1.9504-2.0185" (49.54-51.27 MM)	
Casting Numbers:	Head #:4448015, 4448016, 4621510, 4694183, 7750405 Block #: 4448030, 4556430, 4621763, 4621944, 4621994					
Notes:	MPFI, 60° V6, ROLLER CAM, ALUMINUM HEAD					
Comments:	* MEASURED AT OUTER HEAD BOLT		** 8 MM BOLT = 25 FT/LBS		***1996 = 1.622-1.681 INT/EXH	
CHRYSLER	3.8	232	A/J		64-79	
New Height:	3.460" (87.884 MM)					
Intake Hgt:	1.9500-1.9800** (49.53-50.292 MM)			Exhaust Hgt:	1.9500-1.9800** (49.53-50.292 MM)	
Casting Numbers:	Head #:3189886, 31898861, 3211040, 3213809, 3217259, 3222652, 3224490, 3224491, 3227258, 3227725 Block #: 3170721, 3181884, 3190808, 3199962, 3213867, 3218618, 3222380, 3224098, 3227445					
Notes:	AMC VIN E, 1BC					
Comments:	* HEADS WITH ROCKER STUDS 1.880-1.910		** VALVES W/ROTATORS - SPRING INSTALLED HGT:		1.625	
CHRYSLER	3.9	239	M	TRUCK	87-88	
Intake Hgt:	1.8750-1.9600" (47.625-49.784 MM)			Exhaust Hgt:	1.8750-1.9600" (47.625-49.784 MM)	
Casting Numbers:	Head #:4227979, 53005709 Block #: 4323729, 4323730					
Notes:	TBI, OHV, 90° V6, DODGE TRUCK, ROLLER CAM					
Comments:	89-> ENGINES USE ROLLER CAMS					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
CHRYSLER						6 Cylinders (cont.)
CHRYSLER	3.9	239	X	MAGNUM	92-02	
New Height:	NOT SUPPLIED FROM OEM					
Intake Hgt:	1.7830-1.8500" (45.288-46.99 MM)			Exhaust Hgt:	1.7830-1.8500" (45.288-46.99 MM)	
 Casting Numbers:	Head #:53006680 Block #: 53006711, 53020964					
Notes:	MPFI, MAGNUM, 90° V6, DODGE TRUCK, ROLLER CAM					
Comments:	1997-> * 200#@1.21; **85#@1.64, ***FREE LENGTH 2.082" FORK LIFT 1.760" NO ROTATORS INTAKE HT, XXX SEE CAMSHAFT COMMENTS OR BLOCK COMMENTS					
CHRYSLER	3.9	239	X		88-91	
Intake Hgt:	1.8750-1.9600" (47.625-49.784 MM)			Exhaust Hgt:	1.8750-1.9600" (47.625-49.784 MM)	
 Casting Numbers:	Head #:4227979, 53005709 Block #: 4323729, 4323730, 53006711					
Notes:	TBI, OHV, 90° V6, DODGE TRUCK, ROLLER CAM					
Comments:	89-> ENGINES USE ROLLER CAMS					
CHRYSLER	4.0	242	L		89-90	
New Height:	3.465" (88.011 MM)					
Intake Hgt:	1.7750-1.8050" (45.085-45.847 MM)			Exhaust Hgt:	1.7750-1.8050" (45.085-45.847 MM)	
 Casting Numbers:	Head #:2686 Block #: 53002665, 53005535, 8933002665, 8933002666					
Notes:	AMC/JEEP, MFI					
Comments:	*TAPERED STEM					
CHRYSLER	4.0	242	M		87-88	
New Height:	3.465" (88.011 MM)					
Intake Hgt:	1.7750-1.8050" (45.085-45.847 MM)			Exhaust Hgt:	1.7750-1.8050" (45.085-45.847 MM)	
 Casting Numbers:	Head #:2686, 3661 Block #: 53002665, 53005535, 53008405, 8933002665					
Notes:	AMC/JEEP					
CHRYSLER	4.0	242	S		91-97	
New Height:	3.465" (88.011 MM)			Min Height:	NO MIN SUPPLIED FROM OEM	
Intake Hgt:	1.7750-1.8050" (45.085-45.847 MM)			Exhaust Hgt:	1.7750-1.8050" (45.085-45.847 MM)	
 Casting Numbers:	Head #:0630, 33002686, 630, 7119, 7120 Block #: 53008405, 53010341, 53020569, 5302569					
Notes:	AMC/JEEP					
CHRYSLER	4.0	242	S		98-05	
New Height:	3.4650" (88.011 MM)					
Intake Hgt:	1.7750-1.8050" (45.085-45.847 MM) *			Exhaust Hgt:	1.7750-1.8050" (45.085-45.847 MM) *	
 Casting Numbers:	Head #:0630 Block #: 53010327-AB, 53010328-AB, 53010341, 53010449, 53010449-AA, 53020514, 53020515, 53020569					
Notes:	AMC/JEEP CHEROKEE, WRANGLER					
Comments:	* REPORTED INSTALLED VALVE STEM HEIGHT 1.9900-2.0100" (50.546-51.054 MM) ON CYLINDER HEAD CASTING NUMBER #0331 MEMBER # 12728 11-18-2005 MC					
CHRYSLER	4.0	243	D		81-85	
Intake Pro / Rec:	.039 V/REC" (.991 MM)			Exhaust Pro / Rec:	.039 V/REC" (.991 MM)	
Notes:	NISSAN DIESEL ENGINE					
CHRYSLER	4.2	258	C		70-83	
New Height:	3.4600" (87.884 MM)					
Intake Hgt:	1.9500-1.9800" (49.53-50.292 MM) *			Exhaust Hgt:	1.9500-1.9800" (49.53-50.292 MM) *	
 Casting Numbers:	Head #:3170717, 3189886, 3211040, 3213809, 3217259, 3224480, 3224490, 3224491, 3227258, 3227725, 3235480, 3241656, 3241856, 3933000, 3933002, 8120136, 8122375, 8933000, 8933002 Block #: 2030422, 3199962, 3213867, 3218618, 3222380, 3224098, 3227445, 3235077, 3235444					
Notes:	AMC/JEEP					
Comments:	* HEADS WITH ROCKER STUDS = 1.880-1.910"					
CHRYSLER	4.2	258	C		83-89	
New Height:	3.4600" (87.884 MM)					
Intake Hgt:	1.9500-1.9800" (49.53-50.292 MM)			Exhaust Hgt:	1.9500-1.9800" (49.53-50.292 MM)	
 Casting Numbers:	Head #:2685, 3170717, 3213809, 3217259, 3224480, 3224490, 3224491, 3227258, 3227725, 3235480, 3241656, 3661, 3933000, 3933002, 8120136, 8122375, 8933000, 8933002 Block #: 2030422, 3235077, 3235444					
Notes:	AMC/JEEP EAGLE					
Comments:	* SEE TB 748					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
CHRYSLER						6 Cylinders (cont.)
CHRYSLER	4.2	258	C(2)		83-89	
New Height:	3.4600" (87.884 MM)					
Intake Hgt:	1.9500-1.9800" (49.53-50.292 MM)			Exhaust Hgt:	1.9500-1.9800" (49.53-50.292 MM)	
Casting Numbers:	Head #:2685, 3170717, 3213809, 3217259, 3224480, 3224490, 3224491, 3227258, 3227725, 3235480, 3241656, 3661, 3933000, 3933002, 8120136, 8122375, 8933000, 8933002 Block #: 3235077, 3235444					
Notes:	AMC/JEEP EAGLE					
Comments:	* SEE TB 748					
CHRYSLER	4.2	258	T		90	
New Height:	3.4600" (87.884 MM)					
Intake Hgt:	1.9500-1.9800" (49.53-50.292 MM)			Exhaust Hgt:	1.9500-1.9800" (49.53-50.292 MM)	
Casting Numbers:	Head #:2685, 3661, 3933002 Block #: 3235444					
Notes:	AMC/JEEP					
CHRYSLER	4.3	265			52-68	IND 32 + 33
Intake Hgt:	1.813-1.833"			Exhaust Hgt:	1.813-1.833"	
Casting Numbers:	Head #:1120805, 1120806, 1120903, 1552948, 1554132, 1632430 Block #: 1115829, 1138129, 1400229, 1400929, 1402429, 1402529, 1551229, 870744					
CHRYSLER	5.9	359	6		98-05	B-SERIES
New Height:	4.136-4.137" (105.054-105.079 MM)			Min Height:	4.1240"	
Intake Pro / Rec:	.023-.044" V/REC (.584-1.118 MM)			Exhaust Pro / Rec:	.038-.058" V/REC (.965-1.473 MM)	
Casting Numbers:	Head #:3943627-03					
Notes:	CUMMINS B-SERIES, 24 VALVE 305, 250, 235, 215 HP					
Comments:	* VALVE LASH UPPER AND LOWER LIMITS INTAKE .006-.015" (.152-.381 MM) EXHAUST .015-.030" (.381-.762 MM) ** MAX INCLINATION .059" (1.498 MM)					
CHRYSLER	5.9	359	7		00-01	B-SERIES
Intake Pro / Rec:	.023-.044" V/REC (.584-1.118 MM)			Min Height:	4.1240"	
Casting Numbers:	Head #:3943627			Exhaust Pro / Rec:	.038-.058" V/REC (.965-1.473 MM)	
Notes:	CUMMINS B-SERIES, H.O. 24 VALVE TURBO DIESEL					
Comments:	* VALVE LASH UPPER AND LOWER LIMITS INTAKE .006-.015" (.152-.381 MM) EXHAUST .015-.030" (.381-.762 MM) ** MAX INCLINATION .059" (1.498 MM)					
CHRYSLER	5.9	359	8		89-97	B SERIES
New Height:	3.7470-3.7490" (95.174-95.225 MM)			Min Height:	3.7000" (93.98 MM) *	
Intake Hgt:	2.110-2.130" (53.594-54.102 MM)			Exhaust Hgt:	2.110-2.130" (53.594-54.102 MM)	
Intake Pro / Rec:	.039-.060" V/REC (.991-1.524 MM)			Exhaust Pro / Rec:	.039-.060" V/REC (.991-1.524 MM)	
Casting Numbers:	Head #:3911273, 3919916 Block #: 27887					
Notes:	CUMMINS B-SERIES, TURBO DIESEL					
Comments:	* THICKER GASKET AVAILABLE					
CHRYSLER	5.9	359	C		94-96	B-SERIES
New Height:	3.7470-3.7490" (95.174-95.225 MM)			Min Height:	3.7000" (93.98 MM) *	
Intake Hgt:	2.110-2.130" (53.594-54.102 MM)			Exhaust Hgt:	2.110-2.130" (53.594-54.102 MM)	
Intake Pro / Rec:	.039-.060" V/REC (.991-1.524 MM)			Exhaust Pro / Rec:	.039-.060" V/REC (.991-1.524 MM)	
Casting Numbers:	Head #:3911273, 3919916, 3925400, 3935400 Block #: 27887					
Notes:	CUMMINS B-SERIES, 12 VALVE, TURBO DIESEL					
Comments:	* THICKER GASKET AVAILABLE					
CHRYSLER	5.9	359	C		98-05	B-SERIES
New Height:	4.136-4.137" (105.054-105.079 MM)			Min Height:	4.1240" (104.750 MM)	
Intake Pro / Rec:	.023-.044" V/REC (.584-1.118 MM)			Exhaust Pro / Rec:	.038-.058" V/REC (.965-1.473 MM)	
Casting Numbers:	Head #:3943627					
Notes:	CUMMINS B, 24 VALVE 325, 305, 250, 235, 215 HP					
Comments:	** MAX INCLINATION .059" (1.498 MM)					
CHRYSLER	5.9	359	D		97-98	B-SERIES
New Height:	3.7470-3.7490" (95.174-95.225 MM)			Min Height:	3.7000" (93.98 MM) *	
Intake Hgt:	2.110-2.130" (53.594-54.102 MM)			Exhaust Hgt:	2.110-2.130" (53.594-54.102 MM)	
Intake Pro / Rec:	.039-.060" V/REC (.991-1.524 MM)			Exhaust Pro / Rec:	.039-.060" V/REC (.991-1.524 MM)	
Casting Numbers:	Head #:3911273, 3919916, 3925400, 3935400 Block #: 27887					
Notes:	CUMMINS B-SERIES, 12 VALVE, TURBO DIESEL					
Comments:	* THICKER GASKET AVAILABLE					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
CHRYSLER						8 Cylinders
CHRYSLER	4.0	241	HEMI	HEMI	53-55	
Intake Hgt:	1.906-1.969" (48.412-50.013 MM)			Exhaust Hgt:	1.906-1.969" (48.412-50.013 MM)	
Casting Numbers:	Head #:1552948, 1554132 Block #: 1328829					
Notes:	TRUCK					
Comments:	TRUCK HEAD CASTING NUMBER 1552948 USES SINGLE ROCKER SHAFT AND SINGLE SPRING. * INSTALL EXHAUST VALVE GUIDE WITH OIL HOLE TOWARD INTAKE GUIDE.					
CHRYSLER	4.4	270		BELVEDERE	55-56	
Intake Hgt:	1.813-1.833"			Exhaust Hgt:	1.813-1.833"	
Casting Numbers:	Head #:1532825, 1552948, 1554132 Block #: 1632099, 1632229, 1635729					
Notes:	DODGE, PLYMOUTH, HEMI, SUPER RED RAM					
Comments:	PASSENGER CAR AND TRUCK ENGINE					
CHRYSLER	4.5	273	273		62-69	
Intake Hgt:	1.8910-1.9210" (48.031-48.793 MM)			Exhaust Hgt:	1.8910-1.9210" (48.031-48.793 MM)	
Casting Numbers:	Head #:2465315, 2536178, 2568920, 2658290, 2658920, 2843675 Block #: 2463360, 2463930, 2465330, 2465330-2, 2465330-3, 2536130, 2806030					
Notes:	CAR					
CHRYSLER	4.5	277		BELVEDERE	56-57	
Intake Hgt:	1.813-1.833"			Exhaust Hgt:	1.813-1.833"	
Casting Numbers:	Head #:1327373, 1552948, 1554132, 1613608, 1616608, 1618721 Block #: 1323329, 1327429, 1618729					
Notes:	PLYMOUTH PLAZA SAVOY BELVEDERE, SAME AS 241.3 ENG					
Comments:	POLYSPHERICAL, SINGLE ROCKER ARM SHAFT					
CHRYSLER	4.7	287	A/J		63-66	
Intake Hgt:	1.900-1.930" (48.26-49.022 MM)			Exhaust Hgt:	1.900-1.930" (48.26-49.022 MM)	
Casting Numbers:	Head #:3169513, 3180915, 3180915-1 Block #: 3169824					
Notes:	AMC/JEEP					
CHRYSLER	4.7	287	J	DAKOTA	04-06	
New Height:	4.5850-4.5920" (116.459-116.637 MM)			Min Height:	NOT SUPPLIED BY OEM AS OF 2005	
Intake Hgt:	2.014-2.058" (51.170-52.270 MM)			Exhaust Hgt:	2.071-2.114" (52.610-53.710 MM)	
Casting Numbers:	Head #:53020801, 53020802					
Notes:	90r SOHC, 16 VALVE					
Comments:	* 2006 INTAKE VALVE LENGTH & HEAD DIAMETER INCREASE BY .060". ** STEP 1: BOLTS #1-10 15 FT/LBS, STEP 2: BOLTS# 1-10 35 FT/LBS & BOLTS #11-14 18 FT/LBS, STEP 3: BOLTS #1-10 TIGHTEN +90r & BOLTS #11-14 TORQUE 22 FT/LBS.					
CHRYSLER	4.7	287	N	DURANGO	99-06	
New Height:	4.5850-4.5920" (116.459-116.637 MM)			Min Height:	NOT SUPPLIED BY OEM AS OF 2005	
Intake Hgt:	2.014-2.058" (51.170-52.270 MM)			Exhaust Hgt:	2.071-2.114" (52.610-53.710)	
Casting Numbers:	Head #:53020801, 53020802 Block #: 53020661AD-2					
Notes:	90° SOHC, 16 VALVE, DAKOTA, G CHEROKEE & HO					
Comments:	* 2005-06 INTAKE HEAD DIAMETER=1.9103-1.9205" & INTAKE VALVE LENGTH=4.4666-4.4965". ** BOLTS 1-10, STEP 1, 15#, STEP 2, 35 FT/LBS, BOLTS 11-14, 18 FT/LBS, STEP 3 BOLTS 1-10 TIGHTEN +90° AND BOLTS 11-14 TORQUE 22 FT/LBS					
CHRYSLER	4.8	290	A/J		66-69	
Intake Hgt:	1.955-1.985" (49.657-50.419 MM)			Exhaust Hgt:	1.955-1.985" (49.657-50.419 MM)	
Casting Numbers:	Head #:00000, 3175453, 3178453, 3178543, 3207989 Block #: 1558929, 3179062					
Notes:	AMC ENGINE /JEEP					
CHRYSLER	5.0	304	A/J		70-79	
Intake Hgt:	1.9550-1.9850" (49.657-50.419 MM) *			Exhaust Hgt:	1.9550-1.9850" (49.657-50.419 MM) *	
Casting Numbers:	Head #:319529, 3199517, 32113497, 3212190, 3212990, 3213947, 3216086, 3216086-1, 3216086-2, 3220515, 3231480, 3231480-2, 3233324, 326086, 4487242 Block #: 3195292, 3195527, 4487211					
Notes:	AMC ENGINE /JEEP VIN H					
Comments:	* REPORTED CASTING #3216088-1 WITH 9.125-9.135" INSTALLED HEIGHTS MEMBER #39434 7-21-03 MC, W/WO ROCKER STUDS					
CHRYSLER	5.2	318	2		98-99	
Intake Hgt:	1.7830-1.8500" (45.288-46.99 MM)			Exhaust Hgt:	1.7830-1.8500" (45.288-46.99 MM)	
Casting Numbers:	Head #:53005714, 53006671 Block #: 53006657, 53006657, 53006714, 53009714					
Notes:	LPG					
Comments:	*1993-96 SEE INNER SPRING FOR SPECS **1998 INT 1.916 EXH 1.624					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
CHRYSLER						8 Cylinders (cont.)
CHRYSLER	5.2	318	4		83-89	
Intake Hgt:	1.9070-1.9370" (48.438-49.2 MM)			Exhaust Hgt:	1.9070-1.9370" (48.438-49.2 MM)	
Casting Numbers:	Head #:4323302, 4343646, 53005714 Block #: 432330, 4323330, 4387560					
Notes:	2BC, ROLLER CAM					
Comments:	* 1.8750-1.9600" FOR SOME HEADS					
CHRYSLER	5.2	318	E		73-76	
Intake Hgt:	1.907-1.937" (48.438-49.2 MM)			Exhaust Hgt:	1.907-1.937" (48.438-49.2 MM)	
Casting Numbers:	Head #:2658284, 2658416, 3769596, 3769973, 3769973TE, 3870277, 4027163, 4027593, 4027596, 585, 596, 973, E30972 Block #: 4104230, 4179730					
CHRYSLER	5.2	318	E		77-80	
Intake Hgt:	1.907-1.937" (48.438-49.2 MM)			Exhaust Hgt:	1.907-1.937" (48.438-49.2 MM)	
Casting Numbers:	Head #:2658234, 2658416, 3769596, 3769973, 3769973TE, 3769976, 3870277, 4027163, 4027593, 4027596, 585, 596, 973, E30972 Block #: 4006730, 4104230, 4179730, 618					
CHRYSLER	5.2	318	G		69-76	
Intake Hgt:	1.890-1.920"			Exhaust Hgt:	1.890-1.920"	
Casting Numbers:	Head #:2658234, 2658416, 2658920, 2843675, 3635300, 3769973, 3870277 Block #: 2466090, 2536030, 2536030-318, 2566080, 2806030					
Notes:	MARINE ALSO					
Comments:	* EXHAUST SPG 1974: 180-194# @ 1.078"					
CHRYSLER	5.2	318	N		81-85	
Intake Hgt:	1.9070-1.9370" (48.438-49.2 MM)			Exhaust Hgt:	1.9070-1.9370" (48.438-49.2 MM)	
Casting Numbers:	Head #:3671587, 4027596 Block #: 4006730, 4104230, 4179730					
CHRYSLER	5.2	318	P		83-91	
Intake Hgt:	1.907-1.937" (48.438-49.2 MM)			Exhaust Hgt:	1.907-1.937" (48.438-49.2 MM)	
Casting Numbers:	Head #:2658146, 2658234, 2658416, 2685234, 3671585, 3673234, 36998615, 3751851, 3751857, 3769596, 3769973, 3769973TE, 3769976, 3870277, 4021051, 4027163, 402759, 4027593, 4027596, 4071051, 4323239, 4323302, 4323345, 4343475, 4343646, 4343923, 4448302, 585, 596, 973, E30972 Block #: 4104230, 4179730, 4323330, 4387530, 618					
Notes:	ROLLER CAM					
Comments:	ROLLER LIFTER CYLINDER BLOCKS 87-> EFI HEAD HAVE KIDNEY SHAPED CHAMBER					
CHRYSLER	5.2	318	R		83-87	
Intake Hgt:	1.907-1.937" (48.438-49.2 MM)			Exhaust Hgt:	1.907-1.937" (48.438-49.2 MM)	
Casting Numbers:	Head #:2658146, 2658234, 2658416, 2685234, 3671585, 3673234, 36998615, 3751851, 3751857, 3769596, 3769973, 3769973TE, 3769976, 3870277, 4021051, 4027163, 4027593, 4027596, 4071051, 4323239, 4323302, 4323345, 4343475, 4343646, 4343923, 4448302, 585, 596, 973, E30972 Block #: 4104230, 4179730, 4323330, 4387530, 618					
Comments:	ROLLER LIFTER CYLINDER BLOCKS 87-> CYL HEADS HAVEKIDNEY SHAPED CHAMBERS					
CHRYSLER	5.2	318	S		83-89	
Intake Hgt:	1.907-1.937" (48.438-49.2 MM)			Exhaust Hgt:	1.907-1.937" (48.438-49.2 MM)	
Casting Numbers:	Head #:3751857, 3769973, 3769973TE, 3769976, 4021051, 4027163, 4027593, 4027596, 4323239, 4323302, 4323345, 4343475, 4343646, 4343923, 4448302, 4448308 Block #: 4006730, 4104230, 4179730, 4323330, 4387530					
Notes:	HIGH PERFORMANCE, 4BC					
CHRYSLER	5.2	318	T	MAGNUM	95-99	
Intake Hgt:	1.7830-1.8500" (45.288-46.99 MM)			Exhaust Hgt:	1.7830-1.8500" (45.288-46.99 MM)	
Casting Numbers:	Head #:53005714, 53006671 Block #: 53006714					
Notes:	CNG, MAGNUM					
CHRYSLER	5.2	318	V		62-67	POLYSPHERIC
Intake Hgt:	1.8000-1.8300" (45.72-46.482 MM)			Exhaust Hgt:	1.8000-1.8300" (45.72-46.482 MM)	
Casting Numbers:	Head #:2264095, 2268341, 2465315 Block #: 2264230, 2264370, 2463930, 2468230, 2468230, 2532630, 2532630-318, 2664230, 3741278					
Notes:	POLYSPHERICAL, SINGLE ROCKER ARM SHAFT					
CHRYSLER	5.2	318	Y	DAKOTA	92-04	
Intake Hgt:	1.7830-1.8500" (45.288-46.99 MM)			Exhaust Hgt:	1.7830-1.8500" (45.288-46.99 MM)	
Casting Numbers:	Head #:4323302, 53005714, 53006671, 53020466, 53020468 Block #: 53006657, 53006714, 53009714					
Notes:	MAGNUM, MPFI, ROLLER CAM, DAKOTA, DURANGO					
Comments:	*1993-02 SEE INNER SPRING FOR SPECS. ** 1998-02 HEAD DIAMETER INTAKE=1.916", EXHAUST=1.624"					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
CHRYSLER				8 Cylinders (cont.)		
CHRYSLER	5.3	326			55-57	
Intake Hgt:	1.9000-1.9300" (48.26-49.022 MM)			Exhaust Hgt:	1.9000-1.9300" (48.26-49.022 MM)	
Casting Numbers:	Head #:440689, 440854					
Notes:	DODGE TRUCK					
Comments:	AMC/JEEP BUILT ENGINE					
CHRYSLER	5.4	327	A/J	RAMBLER	57-67	SERIES 80
Intake Hgt:	1.900-1.930" (48.26-49.022 MM)			Exhaust Hgt:	1.900-1.930" (48.26-49.022 MM)	
Casting Numbers:	Head #:1323333, 1486833, 1555758, 1556157, 1634864, 1635779, 1732610, 2205700, 3180915 Block #: 1330129, 1551629, 1619629, 1636629, 1737929, 1739429, 3144932, 3147230, 3153044, 3153055, 3153677, 3166463, 4160275, 440275					
Notes:	RAMBLER, JEEP					
Comments:	* ROCKER ARM SHAFTS PLUGGED AT EACH END					
CHRYSLER	5.6	340			68-73	
Intake Hgt:	1.9070-1.9370" (48.438-49.2 MM)			Exhaust Hgt:	1.9070-1.9370" (48.438-49.2 MM)	
Casting Numbers:	Head #:1635779, 2531884, 2531894, 2531902, 3418915, 3671587 Block #: 2531902, 2780340, 2780930, 2780930-340, 2951521, 3577130, 3577130TA-340, 3780930					
Notes:	CHRYSLER					
CHRYSLER	5.7	345	D	TRUCK	03-05	HEMI
Intake Hgt:	2.0570-2.0680" (52.247-52.527 MM) ***			Exhaust Hgt:	2.0570-2.0680" (52.247-52.527 MM) ***	
Casting Numbers:	Head #:53021616, 53021616 BA Block #: 53021318AG					
Notes:	HEMI, 90r V-8, OHV					
Comments:	* VALVE LIFT @ ZERO LASH I=.472", E=.460" ** DRY LASH MEASURED @ VALVE *** REPORT MEMBER #2611 09-16-04 MC & MEMBER #5114 09-22-04 MC					
CHRYSLER	5.7	350			68-71	
Intake Hgt:	1.9700-2.000" (50.038-50.8 MM)			Exhaust Hgt:	1.9700-2.000" (50.038-50.8 MM)	
Casting Numbers:	Head #:1233472, 1737635, 1844705, 3188558, 4680406, 522, 603, 6480406 Block #: 1382201, 1739629, 1944929, 3182201, 3671639					
Notes:	JEEP, BUICK ENGINE					
Comments:	HEADS OIL EITHER THROUGH ROCKER SHAFT OR THROUGH PUSH ROD, NON INTERCHANGEABLE.					
CHRYSLER	5.8	354			56-58	HEMI
Intake Hgt:	1.8750-1.9600" (47.625-49.784 MM)			Exhaust Hgt:	1.8750-1.9600" (47.625-49.784 MM)	
Casting Numbers:	Head #:1733463, 1733843, 1735282 Block #: 1619829					
Notes:	HEMI, TRUCK, IND-56 A					
Comments:	OVAL COMBUSTION CHAMBER					
CHRYSLER	5.8	354	1	CHRYSLER 300	56-56	C300B
Intake Hgt:	1.8750-1.9600" (47.625-49.784 MM)			Exhaust Hgt:	1.8750-1.9600" (47.625-49.784 MM)	
Casting Numbers:	Head #:1619823, 1733463, 1733843, 1735282 Block #: 1619829					
Notes:	HEMI, D50 MS45SP3, C300B					
CHRYSLER	5.9	360	5	MAGNUM	92-01	
Intake Hgt:	1.7830-1.8500" (45.288-46.99 MM)			Exhaust Hgt:	1.7830-1.8500" (45.288-46.99 MM)	
Casting Numbers:	Head #:4323345, 4448308, 53005714, 53006671, 5302044, 53020466, 53020468 Block #: 53020006, 5302006					
Notes:	MAGNUM, TBI & MPFI, ROLLER CAM					
CHRYSLER	5.9	360	5		89-91	
Intake Hgt:	1.9070-1.9370" (48.438-49.2 MM)			Exhaust Hgt:	1.9070-1.9370" (48.438-49.2 MM)	
Casting Numbers:	Head #:4323345, 4448308 Block #: 4315830, 53006921					
Notes:	TBI, ROLLER CAM					
CHRYSLER	5.9	360	7	GRAND WAGONE	89-91	
Intake Hgt:	1.9770-2.0000" (50.216-50.8 MM)			Exhaust Hgt:	1.9770-2.0000" (50.216-50.8 MM)	
Casting Numbers:	Head #:0503, 1475, 3213948, 3216090, 3220502, 3220503, 3231475, 3233344, 3344, 6096 Block #: 3195528					
Notes:	AMC ENGINE /JEEP, GRAND WAGONEER, 2BC					
CHRYSLER	5.9	360	A/J		70-79	
Intake Hgt:	1.9700-2.0000" (50.038-50.8 MM)			Exhaust Hgt:	1.9700-2.0000" (50.038-50.8 MM)	
Casting Numbers:	Head #:242, 3169974, 3196291, 3212193, 3212993, 3213943, 3213948, 3216090, 3220502, 3220503, 3231475, 3233344, 4488895, 895 Block #: 3195528					
Notes:	AMC ENGINE /JEEP, VIN N & P					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
CHRYSLER						8 Cylinders (cont.)
CHRYSLER	5.9	360	F		77-79	
Intake Hgt:	1.9070-1.9370" (48.438-49.2 MM)			Exhaust Hgt:	1.9070-1.9370" (48.438-49.2 MM)	
Castings Numbers:	Head #:051, 2027596, 242, 2531894, 32129993, 3213948, 3220503, 3418915, 348915-A, 348916, 3671587, 3751357, 3751857, 3769974, 4027596, 4071051, 4343475, 895 Block #: 31955285, 3671639, 367163CF, 3870230, 4006830, 4045601, 4179930					
Notes:	CAR/TRUCK					
Comments:	* SPGS W/OUT ROTATORS: 170-184# @ 1.313, INSTALLEDHGT 1.516					
CHRYSLER	5.9	360	F		80	
Intake Hgt:	1.9070-1.9370" (48.438-49.2 MM)			Exhaust Hgt:	1.9070-1.9370" (48.438-49.2 MM)	
Castings Numbers:	Head #:051, 2027596, 242, 2531894, 32129993, 3213948, 3220503, 348915-A, 348916, 3671587, 3751357, 3751857, 3769974, 4027596, 4071051, 4343475, 895 Block #: 31955285, 3671639, 367163CF, 3870230, 4006830, 4045601, 4179930					
Notes:	TRUCK					
CHRYSLER	5.9	360	I		83-87	
Intake Hgt:	1.9070-1.9370" (48.438-49.2 MM)			Exhaust Hgt:	1.9070-1.9370" (48.438-49.2 MM)	
Castings Numbers:	Head #:051, 242, 32129993, 3213948, 3220503, 348915-A, 348916, 3751357, 3751857, 3769974, 4027596, 4071051, 4343475, 4343805 Block #: 31955285, 3671639, 367163CF, 3870230, 4006830, 4045601, 4179930					
CHRYSLER	5.9	360	J		71-75	
Intake Hgt:	1.9070-1.9370" (48.438-49.2 MM)			Exhaust Hgt:	1.9070-1.9370" (48.438-49.2 MM)	
Castings Numbers:	Head #:2531894, 3418915, 348915A, 3671587, 3769974 Block #: 3418496, 3418496-360, 3614230, 3870230					
CHRYSLER	5.9	360	J		76-79	
Intake Hgt:	1.9070-1.9370" (48.438-49.2 MM)			Exhaust Hgt:	1.9070-1.9370" (48.438-49.2 MM)	
Castings Numbers:	Head #:2531894, 3418915, 348915A, 3671587, 3769974, 4027596, 4071051, 4343475 Block #: 3870230, 4006830, 4045601, 4179930					
CHRYSLER	5.9	360	K		74-76	
Intake Hgt:	1.9070-1.9370" (48.438-49.2 MM)			Exhaust Hgt:	1.9070-1.9370" (48.438-49.2 MM)	
Castings Numbers:	Head #:2531894, 3418915, 348915A, 3671587, 3769974 Block #: 3418496, 3870230, 4006830, 4045601, 4179930					
CHRYSLER	5.9	360	K		77-79	
Intake Hgt:	1.9070-1.9370" (48.438-49.2 MM)			Exhaust Hgt:	1.9070-1.9370" (48.438-49.2 MM)	
Castings Numbers:	Head #:2531894, 3418915, 348915A, 3671587, 3769974, 4027596, 4071051, 4343475 Block #: 3870230, 4006830, 4045601, 4179930					
Comments:	*1976:.047					
CHRYSLER	5.9	360	K		80	
Intake Hgt:	1.9070-1.9370" (48.438-49.2 MM)			Exhaust Hgt:	1.9070-1.9370" (48.438-49.2 MM)	
Castings Numbers:	Head #:2531894, 3169974, 3418915, 3418916, 348915A, 348915-A, 348916, 3614476, 3671587, 3751357, 3751857, 3761867, 3769596, 3769974, 4027596, 4071051, 4286526V, 4343475, 4343805 Block #: 4006762, 4006830, 4045601, 4046501, 4179930					
CHRYSLER	5.9	360	L		73-75	
Intake Hgt:	1.9070-1.9370" (48.438-49.2 MM)			Exhaust Hgt:	1.9070-1.9370" (48.438-49.2 MM)	
Castings Numbers:	Head #:2531894, 3418915, 348915A, 3671587, 3769974					
CHRYSLER	5.9	360	L		76-78	
Intake Hgt:	1.9070-1.9370" (48.438-49.2 MM)			Exhaust Hgt:	1.9070-1.9370" (48.438-49.2 MM)	
Castings Numbers:	Head #:2531894, 3418915, 348915A, 3671587, 3769974, 4027596, 4071051, 4343475 Block #: 3870230, 4006830, 4045601, 4179930					
Comments:	*1976:.047					
CHRYSLER	5.9	360	L		79	
Intake Hgt:	1.9070-1.9370" (48.438-49.2 MM)			Exhaust Hgt:	1.9070-1.9370" (48.438-49.2 MM)	
Castings Numbers:	Head #:2531894, 3418915, 348915A, 3671587, 3769974, 4027596, 4071051, 4343475 Block #: 3870230, 4006830, 4045601, 4179930					
CHRYSLER	5.9	360	L		80	
Intake Hgt:	1.9070-1.9370" (48.438-49.2 MM)			Exhaust Hgt:	1.9070-1.9370" (48.438-49.2 MM)	
Castings Numbers:	Head #:051, 2531894, 3418640, 3418840-2, 3418915, 3418916, 3418995, 3418996, 348915A, 348915-A, 348916, 3671587, 3751857, 3769596, 3769974, 4027596, 4071051, 4343475, 4343805 Block #: 3870230, 4006762, 4006830, 4045601, 4179930					
CHRYSLER	5.9	360	N		83-88	
Intake Hgt:	1.9770-2.0000" (50.216-50.8 MM)			Exhaust Hgt:	1.9770-2.0000" (50.216-50.8 MM)	
Castings Numbers:	Head #:3213943, 3213948, 3216090, 3220502, 3220503, 3231475, 3233344 Block #: 3195528					
Notes:	AMC/JEEP, 2BC					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
CHRYSLER						8 Cylinders (cont.)
CHRYSLER	5.9	360	S		80-82	
Intake Hgt:	1.9070-1.9370" (48.438-49.2 MM)			Exhaust Hgt:	1.9070-1.9370" (48.438-49.2 MM)	
Casting Numbers:	Head #:348915A, 3671487, 3751357, 3751857, 3769974, 4027596, 4071051, 4343475 Block #: 3870230, 4006830, 4045601, 4179930, 4315830					
CHRYSLER	5.9	360	T		77-79	
Intake Hgt:	1.9070-1.9370" (48.438-49.2 MM)			Exhaust Hgt:	1.9070-1.9370" (48.438-49.2 MM)	
Casting Numbers:	Head #:348915A, 3671857, 3751857, 3761857, 3769974, 4027596, 4071051, 4343475 Block #: 3870230, 4006830, 4045601, 4179930					
CHRYSLER	5.9	360	T		80-82	
Intake Hgt:	1.9070-1.9370" (48.438-49.2 MM)			Exhaust Hgt:	1.9070-1.9370" (48.438-49.2 MM)	
Casting Numbers:	Head #:348915A, 3671857, 3751357, 3751857, 3761587, 3769974, 4027596, 4071051, 4323345, 4323805, 4343475 Block #: 3870230, 4006830, 4045601, 4179930, 4315830					
Comments:	* SPRINGS W/OUT ROTATORS = 170-184#S @ 1.313" & INSTALLED HEIGHT OF 1.625-1.688"					
CHRYSLER	5.9	360	U		81-82	
Intake Hgt:	1.9070-1.9370" (48.438-49.2 MM)			Exhaust Hgt:	1.9070-1.9370" (48.438-49.2 MM)	
Casting Numbers:	Head #:2202594, 2406740, 2468676, 2806887, 2899943, 348915A, 3751857, 3769974, 4027596, 4071051, 4343475 Block #: 3870230, 4006830, 4045601, 4179930, 4315830					
CHRYSLER	5.9	360	V		81	
Intake Hgt:	1.9070-1.9370" (48.438-49.2 MM)			Exhaust Hgt:	1.9070-1.9370" (48.438-49.2 MM)	
Casting Numbers:	Head #:348915A, 3671857, 3751857, 3761857, 3769954, 3769974, 4027596, 4071051, 4323345, 4323805, 4343475 Block #: 3870230, 4006830, 4045601, 4179930, 4315830					
CHRYSLER	5.9	360	V		82	
Intake Hgt:	1.9070-1.9370" (48.438-49.2 MM)			Exhaust Hgt:	1.9070-1.9370" (48.438-49.2 MM)	
Casting Numbers:	Head #:348915A, 3671857, 3751857, 3761857, 3769974, 4027596, 4071051, 4323345, 4323805, 4343475 Block #: 3870230, 4006830, 4045601, 4179930, 4315830					
CHRYSLER	5.9	360	W		83-88	
Intake Hgt:	1.9070-1.9370" (48.438-49.2 MM)			Exhaust Hgt:	1.9070-1.9370" (48.438-49.2 MM)	
Casting Numbers:	Head #:348915A, 3671857, 3751857, 3769954, 3769974, 4027596, 4071051, 4323345, 4343475, 4343646, 4343805, 4343923, 4448302 Block #: 3870230, 4006830, 4045601, 4179930, 4315830					
Notes:	OHV, CARB					
CHRYSLER	5.9	360	Z	DURANGO	98-02	
Intake Hgt:	1.7830-1.8500" (45.288-46.99 MM)			Exhaust Hgt:	1.7830-1.8500" (45.288-46.99 MM)	
Casting Numbers:	Head #:53006671, 53020468 Block #: 53020006					
Notes:	MAGNUM, TBI & MPFI, ROLLER CAM, DURANGO					
CHRYSLER	5.9	360	Z	MAGNUM	92-97	
Intake Hgt:	1.7830-1.8500" (45.288-46.99 MM)			Exhaust Hgt:	1.7830-1.8500" (45.288-46.99 MM)	
Casting Numbers:	Head #:4343964, 4448308, 44483084, 53005714, 53006671, 53020466, 53020468 Block #: 53006921, 53020006, 5302006					
Notes:	MAGNUM, TBI & MPFI, ROLLER CAM					
Comments:	*1996 OVERALL LENGTH, INT:4.969-4.994, EXH:4.978- 5.012 **1996 STM.DIAM.INT.:372-.373,EXH.:371-.372 ***1996 STEM-GUIDE, EXH:.002-.004					
CHRYSLER	5.9	360	Z		89-91	
Intake Hgt:	1.9070-1.9370" (48.438-49.2 MM)			Exhaust Hgt:	1.9070-1.9370" (48.438-49.2 MM)	
Casting Numbers:	Head #:4323345, 4323352, 4343646, 4343923, 4343923, 4343964, 4448308, 4488895 Block #: 4006830, 4045601, 4179930, 4315830, 53006921					
Notes:	ROLLER CAM					
CHRYSLER	5.9	361			80-81	
Intake Hgt:	2.0950-2.1250" (53.213-53.975 MM)			Exhaust Hgt:	2.0950-2.1250" (53.213-53.975 MM)	
Casting Numbers:	Head #:1406516, 1406740, 1737635, 1737637, 1844705, 1851509, 1851524, 1944705, 200, 2027594, 2027596, 2128521, 2128522, 2202594, 2206324, 2264547, 2402286, 2406704, 2406740, 2463200, 2466676, 2468676, 2806887, 2899440, 2899943, 298, 516, 521, 522, 603 Block #: 1737629, 1944929, 1945419, 1945424, 1945429, 2129229, 2205712, 2532130, 2658930, 5406740					
Notes:	TRUCK					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
CHRYSLER						8 Cylinders (cont.)
CHRYSLER	5.9	361	TRK			57-78
Intake Hgt:	2.0950-2.1250" (53.213-53.975 MM)			Exhaust Hgt:	2.0950-2.1250" (53.213-53.975 MM)	
Castings Numbers:	Head #:1406740, 1737622, 1737625, 1737635, 1844705, 1851509, 1851524, 1944705, 200, 2128521, 2128522, 2206324, 2206924, 2264547, 2402286, 2406516, 2406740, 2406780, 2463200, 2466676, 2843096, 2847906, 2899943, 2943169, 3462346, 3462348, 3751213, 3769902, 3769975, 4006452, 516, 521, 635, 780 Block #: 1851729, 1851829, 1945429, 2120229, 2120329, 2120429, 2128854, 2129429, 2205712, 2406730, 2406730-1, 2468130, 2532130, 2658930, 2899830, 4006762					
Notes:	"B" LO BLOCK, SHORT DECK HEIGHT, SMALL MAINS					
CHRYSLER	6.1	370	W	300 SRT8		-06
Intake Hgt:	1.870" (47.500 MM)			Exhaust Hgt:	1.772" (45.000 MM)	
Notes:	300 SRT8, 90r V-8, OHV					
CHRYSLER	6.3	383				59-71
Intake Hgt:	2.0950-2.1250" * (53.213-53.975 MM)			Exhaust Hgt:	2.0950-2.1250" * (53.213-53.975 MM)	
Castings Numbers:	Head #:1737622, 1737625, 1737635, 1851509, 1851524, 200, 2128521, 2128522, 2206324, 2206924, 2402286, 2406516, 2406740, 2406780, 2463200, 2843096, 2843906, 2847906, 2943169, 3462346, 3462348, 3751213, 3769902, 3769975, 4006452, 516, 521, 635, 780 Block #: 1851729, 1851829, 2120329, 2120429, 2128854, 2129429, 2406730, 2406730-1, 2468130					
Notes:	"B" LO BLOCK, SHORT DECK HEIGHT, 1961-71 SM MAINS					
Comments:	* REPORTED 2.123-2.153					
CHRYSLER	6.4	390	A/J			68-76
Intake Hgt:	1.9700-2.0000" (50.038-50.8 MM)			Exhaust Hgt:	1.9700-2.0000" (50.038-50.8 MM)	
Castings Numbers:	Head #:3188558, 3188558, 3190806, 3196291 Block #: 3190806, 3190808, 3195528, 3195529, 4486279					
Notes:	AMC ENGINE					
Comments:	* 1969 SS/AMX HEAD DIAMETER: INTAKE=2.080", EXHAUST=1.740" ** VALVE GUIDE ANGLE IN CYLINDER HEAD 18r. *** 1970 (105-115 FT/LBS).					
CHRYSLER	6.4	392		HEMI	57-58	HEMI
Intake Hgt:	1.9700-2.0000" (50.038-50.8 MM)			Exhaust Hgt:	1.9700-2.0000" (50.038-50.8 MM)	
Castings Numbers:	Head #:1730438, 1731523, 1731528, 1731528-2, 1735282 Block #: 1673729					
Notes:	PASSENGER CAR HEMI					
Comments:	TRUCK ENGINE * CAR ENGINE = 1.900-1.910" 7/16 OR 1/2" HEAD BOLTS					
CHRYSLER	6.6	400	M			75-76
Intake Hgt:	2.1230-2.1530" (53.924-54.686 MM)			Exhaust Hgt:	2.1230-2.1530" (53.924-54.686 MM)	
Castings Numbers:	Block #:3698630					
Notes:	"B" LO BLOCK, SHORT DECK HEIGHT					
CHRYSLER	6.6	400	N			72-78
Intake Hgt:	2.1230-2.1530" (53.924-54.686 MM)			Exhaust Hgt:	2.1230-2.1530" (53.924-54.686 MM)	
Castings Numbers:	Head #:2206324, 2843092, 2843902, 3462346, 3614476, 3671640, 3715213, 3751213, 3769902, 3769910, 3769954, 3769975, 4006452, 4120187 Block #: 2206159, 2614230, 3614230, 3698276, 3698428, 3698630, 4006530, 4006530-400-12					
Notes:	"B" LO BLOCK, SHORT DECK HEIGHT					
CHRYSLER	6.6	400	P			74-78
Intake Hgt:	2.1230-2.1530" (53.924-54.686 MM)			Exhaust Hgt:	2.1230-2.1530" (53.924-54.686 MM)	
Castings Numbers:	Block #:3698630, 4006530-400-12					
Notes:	"B" LO BLOCK, SHORT DECK HEIGHT					
Comments:	*COLD:.3716-.3725, **77-78:.031 ***COLD.0016-.0033					
CHRYSLER	6.6	401	A/J			71-78
Intake Hgt:	1.9500-1.9900" (49.53-50.546 MM)			Exhaust Hgt:	1.9500-1.9900" (49.53-50.546 MM)	
Castings Numbers:	Head #:3196291, 3212993, 3213943, 3216060, 3216090, 3220502, 3220503, 3231475, 3233344 Block #: 3190079, 3195528, 3195529, 3198951, 3220411, 3414725, 44888874					
Notes:	AMC ENGINE /JEEP, VIN Z, 4BBL CARB					
Comments:	* REPORTED MEMBER #22996 07-29-02 EXHAUST 1.600 @ 80-88 LBS					
CHRYSLER	6.8	413				59-77
Intake Hgt:	2.0480-2.0780" (52.019-52.781 MM)			Exhaust Hgt:	2.0950-2.1250" (53.213-53.975 MM)	
Castings Numbers:	Head #:1851509, 1851524, 1944705, 200, 2128513, 2128521, 2128522, 2205594, 2206324, 2258920, 2402286, 2406314, 2406324, 2406516, 2406740, 2463200, 2466676, 2806887, 2899913, 2899943, 516, 635 Block #: 1851629, 1852029, 2120519, 2120529, 2129529, 2205697, 2468030, 2658836, 2858836, 2865836, 4006808					
Notes:	"RB" RASIED BLOCK, TRUCK, WATCH EXHAUST PATTERN					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
CHRYSLER						8 Cylinders (cont.)
CHRYSLER	7.0	426		WEDGE	65-66	
Intake Hgt:	2.095-2.125" (53.213-53.975 MM)			Exhaust Hgt:	2.095-2.125" (53.213-53.975 MM)	
Castings Numbers:	Head #:2406209, 2406518, 2463209 Block #: 2205697, 2406730, 2432230					
Notes:	"RB" RASIED BLOCK, WEDGE HEAD 426 HYD LIFTER					
CHRYSLER	7.0	426	H J R	HEMI	66-71	HEMI
Intake Hgt:	2.0480-2.0780" (52.019-52.781 MM)			Exhaust Hgt:	2.0950-2.1250" (53.213-53.975 MM)	
Castings Numbers:	Head #:0, 0, 2406516, 2406732, 2406736, 2463200, 2463209, 2466676, 2468016, 2525053, 2531110, 2531695, 2531718, 2780557, 2780559, 2806887, 2945270, 3512015X, 3614433, 635 Block #: 2406730, 2468330, 2658836, 2780676, 2951623					
Notes:	STREET HEMI, 1966 VIN H, 67-69 VIN J, 70-71 VIN R					
Comments:	* FOR EACH .010" MILLED OFF HEAD GASKET SURFACE, MILL .0085" OFF INTAKE SIDE AND .0116" OFF THE BOTTOM OF THE INTAKE MANIFOLD. ** 65-70 FT / LBS ALUM HEADS INCLUDING STUDS					
CHRYSLER	7.0	426	IND	HEMI	71-77	HEMI, H-426
Intake Hgt:	2.0480-2.0780" (52.019-52.781 MM)			Exhaust Hgt:	2.0950-2.1250" (53.213-53.975 MM)	
Castings Numbers:	Head #:2806887, 2899943 Block #: 2658836					
Notes:	INDUSTRIAL, H-426, HEMI					
Comments:	CHRYSLER BUILT ENGINE HEMI					
CHRYSLER	7.2	440			76-76	
Intake Hgt:	2.0950-2.1250" (53.213-53.975 MM)			Exhaust Hgt:	2.0950-2.1250" (53.213-53.975 MM)	
Castings Numbers:	Head #:000000, 2264547, 2402286, 2406740, 2468676, 2780915, 2806019, 2843096, 2843917, 2847906, 2943169, 3462346, 3472346, 3614476, 3671640, 3698461, 3751213, 3761640, 3763902, 3769902, 3769910, 3769954, 3769975, 4006452, 4120187, 516, 635, 785, 786, 915 Block #: 2536430-10, 2536430-7, 2536440, 2870556E, 3462344, 3462615, 3693830, 3698830, 3830930, 4006630					
Notes:	"RB" RAISED BLOCK					
CHRYSLER	7.2	440	T		66-73	
Intake Hgt:	2.095-2.125" (53.213-53.975 MM)			Exhaust Hgt:	2.095-2.125" (53.213-53.975 MM)	
Castings Numbers:	Head #:2406158, 2780915, 2843906, 2847906, 2951250, 3462346, 3751213, 3769902, 3769975, 4006452 Block #: 2536430					
Notes:	"RB" RASIED BLOCK					
Comments:	*77-78:.031					
CHRYSLER	7.2	440	U		74-76	
Intake Hgt:	2.095-2.125" (53.213-53.975 MM)			Exhaust Hgt:	2.095-2.125" (53.213-53.975 MM)	
Castings Numbers:	Head #:3769975, 4006452 Block #: 3698830, 3698830-440, 4006630					
Notes:	"RB" RASIED BLOCK					
Comments:	*77-78:.031, ** COLD SIDE: .3716-.3725" *** COLD SIDE: .0016-.0033"					
CHRYSLER	7.8	478			69-77	
New Height:	4.3720-4.3780" (111.049-111.201 MM)			Min Height:	4.3620" (110.795 MM)	
Intake Hgt:	2.7350-2.7650" (69.469-70.231 MM)			Exhaust Hgt:	2.7040-2.7340" (68.682-69.444 MM)	
Castings Numbers:	Head #:133446, 133446R, 286527C1, 286545C1, 386527C1 Block #: 133446R, 133466R					
Notes:	NAVISTAR, MOTORHOME					
Comments:	MOTORHOME					
CHRYSLER	9.0	549			70-74	
New Height:	4.3720-4.3780" (111.049-111.201 MM)			Min Height:	4.3620" (110.795 MM)	
Intake Hgt:	2.7350-2.7650" (69.469-70.231 MM)			Exhaust Hgt:	2.7040-2.7340" (68.682-69.444 MM)	
Castings Numbers:	Head #:133446, 133446R, 286527C1, 286545C1, 386527C1 Block #: 133460R, 133466R					
Notes:	NAVISTAR, MOTORHOME					
CHRYSLER						10 Cylinders
CHRYSLER	8.0	488	E		94-97	
Intake Hgt:	1.8700-1.8950" (47.498-48.133 MM)			Exhaust Hgt:	1.8700-1.8950" (47.498-48.133 MM)	
Castings Numbers:	Head #:53005854 Block #: 53041095					
Notes:	V-10, OHV, 90°, TRUCK, GASOLINE					
CHRYSLER	8.0	488	E	VIPER	99-02	
Intake Hgt:	1.929" (49.020 MM)			Exhaust Hgt:	1.929" (49.020 MM)	
Notes:	V-10, OHV, 90°, VIPER GTS, SFI					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
CHRYSLER				10 Cylinders		(cont.)
CHRYSLER	8.0	488	W		94-02	
Intake Hgt:	1.8700-1.8950" (47.498-48.133 MM) **			Exhaust Hgt:	1.8700-1.8950" (47.498-48.133 MM) **	
Castings Numbers:	Head #:53005854 Block #: 53041095					
Notes:	V-10, OHV, 90°, TRUCK, GASOLINE					
Comments:	* 2002 DRY LASH IS .060-.210" (1.524-5.334 MM) ** REPORTED INSTALLED VALVE HEIGHT 1.995-2.000" MEMBER # 2827 7-1-2005 MC					
CONTINENTAL				2 Cylinders		
CONTINENTAL	1.3	79	TM	TM		TM & TMD
New Height:	3.652" (92.761 MM)			Min Height:	3.632" (92.253 MM)	
Castings Numbers:	Head #:TMD20A800					
Notes:	TM & TMD					
Comments:	* 12MM HEX HEAD=25-60,55-60,90-95# COLD, THEN RETORQUE HOT TO 80-85#. 12MM ALLEN HEAD=30-35,60-65,95-100# COLD, THEN RETORQUE HOT TO 85-90#. SEE TB 2022.					
CONTINENTAL				3 Cylinders		
CONTINENTAL	2.0	122	TMD	TMD20		TMD20
New Height:	3.6516" (92.751 MM)			Min Height:	3.6318" (92.248 MM)	
Intake Pro / Rec:	.043-.071" V/REC (1.092-1.803 MM)			Exhaust Pro / Rec:	.043-.071" V/REC (1.092-1.803 MM)	
Castings Numbers:	Head #:TMD27A-801-U Block #: A021004					
Notes:	DIESEL, TMD20					
Comments:	* 12MM HEX HEAD=25-30,55-60,90-95# COLD, THEN RETORQUE HOT TO 80-85#. 12MM ALLEN HEAD=30-35,60-65,95-100# COLD, THEN RETORQUE HOT TO 85-90#. SEE TB 2022.					
CONTINENTAL				4 Cylinders		
CONTINENTAL	1.8	112	Y	112		Y-112
New Height:	2.1250" (53.975 MM)			Min Height:	2.0625" (52.388 MM)	
Castings Numbers:	Head #:Y112A00356, Y400A00615 Block #: Y112C300, Y400C216, Y400C240					
Notes:	GAS, Y-112					
Comments:	CYLINDER HEAD TORQUE SEQUENCE. 13 6 2 9 15 10 4 1 5 11 ----> ENGINE FRONT 14 8 3 7 12					
CONTINENTAL	2.0	120		Z120		Z120
New Height:	3.4450-3.4550" (87.503-87.757 MM)			Exhaust Hgt:	1.900"	
Intake Hgt:	1.900"					
Castings Numbers:	Head #:Z120A601 Block #: 0-129, 2-129A					
Notes:	GAS, TO-20 MASSEY,					
CONTINENTAL	2.2	135	F	135		F-135
New Height:	1.9375" (49.213 MM)			Min Height:	1.8750" (47.625 MM)	
Castings Numbers:	Head #:F135A00306, F400A00602, F401A00362, F401A00363, F401A00369, F401A00600					
Notes:	GAS, F-135					
Comments:	*LPG EXHAUST VALVE HEAD DIAMETER - 1.2300					
CONTINENTAL	2.4	145		Z145		Z145
New Height:	3.406" (86.512 MM)			Min Height:	3.376" (85.75 MM)	
Notes:	GAS					
CONTINENTAL	2.7	163	F (4)	163		F-163
New Height:	1.9375" (49.213 MM)			Min Height:	1.875" (47.625 MM)	
Castings Numbers:	Head #:F401A00602					
Notes:	GAS, F163, MILITARY					
CONTINENTAL	2.7	164	TM	TM27		TM27 GAS
New Height:	3.6516" (92.751 MM)			Min Height:	3.6319" (92.25 MM)	
Castings Numbers:	Head #:TM27A-609, TM27A-801WF Block #: TM27A00600RGH					
Notes:	TM27 GAS					
CONTINENTAL	2.7	164	TMD	TMD27		TMD27 DIESEL
New Height:	3.6516" (92.751 MM)			Min Height:	3.6318" (92.248 MM)	
Intake Pro / Rec:	.043-.071" V/REC (1.092-1.803 MM)			Exhaust Pro / Rec:	.043-.071" V/REC (1.092-1.803 MM)	
Castings Numbers:	Head #:TMD27A-801-U					
Notes:	TMD27 DIESEL					
Comments:	* 12MM HEX HEAD=25-30,55-60,90-95# COLD, THEN RETORQUE HOT TO 80-85#. 12MM ALLEN HEAD=30-35,60-65,95-100# COLD, THEN RETORQUE HOT TO 85-90#. SEE TB 2022.					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
CONTINENTAL				4 Cylinders		(cont.)
CONTINENTAL	2.9	176	G	G176		G176
New Height:	3.650" @ BOLT (92.71 MM)			Min Height:	1.930" (49.022 MM)	
Intake Hgt:	1.930" (49.022 MM)			Exhaust Hgt:	1.930" (49.022 MM)	
Notes:	G176, MASSEY 165 & FORKLIFT					
Comments:	*65 & 165 MASSEY TRACTOR: .017 C INT, .025 C EXH					
CONTINENTAL	4.3	260		HD260		HD260
Intake Pro / Rec:	NOT AVAILABLE			Exhaust Pro / Rec:	NOT AVAILABLE	
Casting Numbers:	Head #:H260A-60-F					
Notes:	HD260					
CONTINENTAL				6 Cylinders		
CONTINENTAL	3.7	226	F	F226		F226 & F06226
New Height:	1.9375" (49.213 MM)			Min Height:	1.8750" (47.625 MM)	
Casting Numbers:	Head #:F601A00367, F601A00368, F601A00369, F601A00602 Block #: F600A62, F600A68, F600C368					
Notes:	GAS, F226, F06226, L-HEAD					
CONTINENTAL	3.7	227	F	227		F227
New Height:	1.937" (49.2 MM)			Min Height:	1.875" (47.625 MM)	
Casting Numbers:	Head #:F601A00363, F601A00364, F601A00365, F601A00601, F601A4001 Block #: F600C243					
Notes:	GAS, F-227					
CONTINENTAL	4.0	245	F	245		F-245
New Height:	1.9375" (49.213 MM)			Min Height:	1.8750" (47.625 MM)	
Casting Numbers:	Head #:F601A00363, F601A00364, F601A00365, F601A00601, F601A4001 Block #: F600C243, F600C-243, F600C-243					
Notes:	GAS, F-245					
CUMMINS				3 Cylinders		
CUMMINS	1.7	105	A	A SERIES		A SERIES
New Height:	3.5470" (90.094 MM)			Min Height:	3.530" (89.662 MM)	
Intake Pro / Rec:	.019-.084" V/REC (.483-2.134 MM)			Exhaust Pro / Rec:	.026-.092" V/REC (.66-2.337 MM)	
Casting Numbers:	Head #:1704013					
Notes:	ONAN, A SERIES, DIESEL					
Comments:	* TURBO INTAKE VALVE STEM DIA. = .3126-.3138"					
CUMMINS				4 Cylinders		
CUMMINS	2.3	140	A	A SERIES		A SERIES
New Height:	3.5470" (90.094 MM)			Min Height:	3.530" (89.662 MM)	
Intake Pro / Rec:	.019-.084" V/REC (.483-2.134 MM)			Exhaust Pro / Rec:	.026-.092" V/REC (.66-2.337 MM)	
Casting Numbers:	Head #:1704013					
Notes:	ONAN, A SERIES DIESEL					
Comments:	* TURBO INTAKE VALVE STEM DIA. = .3126-.3138"					
CUMMINS	2.3	140	L	L SERIES		L SERIES
New Height:	3.5470" (90.094 MM)			Min Height:	3.530" (89.662 MM)	
Intake Pro / Rec:	.019-.084" V/REC (.483-2.134 MM)			Exhaust Pro / Rec:	.026-.092" V/REC (.66-2.337 MM)	
Casting Numbers:	Head #:1704013					
Notes:	ONAN L SERIES DIESEL					
Comments:	* TURBO INTAKE VALVE STEM DIA. = .3126-.3138"					
CUMMINS	3.9	238		B SERIES	98-04	QSB
New Height:	4.1400" (105.156 MM)			Min Height:	4.1240" (104.750 MM)	
Intake Pro / Rec:	.023-.044" V/REC (.584-1.118 MM)			Exhaust Pro / Rec:	.038-.058" V/REC (.965-1.473 MM)	
Notes:	QSB3.9, B SERIES DIESEL, 16 VALVE,					
Comments:	* VALVE LASH UPPER & LOWER LIMITS INTAKE .006-.015" (.152-.381 MM) EXHAUST .015-.030" (.381-.762 MM).					
CUMMINS	3.9	239	B	B SERIES	83-98	B SERIES
New Height:	3.7470-3.7490" (95.174-95.225 MM)			Min Height:	3.7000" (93.98 MM)	
Intake Pro / Rec:	.039-.060" V/REC (.991-1.524 MM)			Exhaust Pro / Rec:	.039-.060" V/REC (.991-1.524 MM)	
Casting Numbers:	Head #:3304570, 3804570-02, 3902521, 3904570, 3909973, 3933352, SE3902524 Block #: 3802001D, 3901735					
Notes:	B SERIES DIESEL					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
CUMMINS				4 Cylinders (cont.)		
CUMMINS	4.5	275		B SERIES	98-04	QSB
New Height:	4.1400" (105.156 MM)			Min Height:	4.1240" (104.750 MM)	
Intake Pro / Rec:	.023-.044" V/REC (.584-1.118 MM)			Exhaust Pro / Rec:	.038-.058" V/REC (.965-1.473 MM)	
Notes:	QSB4.5, B SERIES DIESEL, 16 VALVE,					
Comments:	* VALVE LASH UPPER & LOWER LIMITS INTAKE .006-.015" (.152-.381 MM) EXHAUST .015-.030" (.381-.762 MM).					
CUMMINS				6 Cylinders		
CUMMINS	3.1	195	NH	NH195		NH195
Intake Pro / Rec:	.125" MIN V/PRO (3.175 MM)			Min Height:	5.470" (138.938 MM)	
Notes:	NH195					
CUMMINS	3.4	210	A			
New Height:	3.5470" (90.094 MM)			Min Height:	3.530" (89.662 MM)	
Intake Pro / Rec:	.019-.084" V/REC (.483-2.134 MM)			Exhaust Pro / Rec:	.026-.092" V/REC (.66-2.337 MM)	
Castings Numbers:	Head #:1704013, 1704395					
Notes:	ONAN DIESEL					
CUMMINS	3.4	210	A			6AT-12 TURBO
New Height:	3.5470" (90.094 MM)			Min Height:	3.530" (89.662 MM)	
Intake Pro / Rec:	.019-.084" V/REC (.483-2.134 MM)			Exhaust Pro / Rec:	.026-.092" V/REC (.660-2.337 MM)	
Castings Numbers:	Head #:1704013					
Notes:	TURBO DIESEL, 6AT-12 ONAN ENGINE					
CUMMINS	3.4	210	T			
New Height:	3.5470" (90.094 MM)			Min Height:	3.530" (89.662 MM)	
Intake Pro / Rec:	.019-.084" V/REC (.483-2.134 MM)			Exhaust Pro / Rec:	.026-.092" V/REC (.66-2.337 MM)	
Castings Numbers:	Head #:1704013					
Notes:	ONAN TURBO					
CUMMINS	5.8	352		V352		V352
New Height:	3.5900-3.6100" (91.186-91.694 MM)			Min Height:	3.5800" (90.932 MM)	
Intake Pro / Rec:	.000-.018" V/PRO (-.457 MM)			Exhaust Pro / Rec:	.000-.018" V/PRO (-.457 MM)	
Castings Numbers:	Head #:149440, 152143, 327544 Block #: 174380, 174381, 174390, 174391, 553590					
Notes:	V352					
CUMMINS	5.9	359		B SERIES	98-03	ISB
New Height:	4.1400" (105.156 MM)			Min Height:	4.1240" (104.750 MM)	
Intake Pro / Rec:	.023-.044" V/REC (.584-1.118 MM)			Exhaust Pro / Rec:	.038-.058" V/REC (.965-1.473 MM)	
Castings Numbers:	Head #:3943627-03					
Notes:	24 VALVE TURBO DIESEL, B SERIES					
Comments:	* VALVE LASH UPPER AND LOWER LIMITS INTAKE .006-.015" (.152-.381 MM) EXHAUST .015-.030" (.381-.762 MM)					
CUMMINS	5.9	359	B	B SERIES	83-98	B SERIES
New Height:	3.7470-3.7490" (95.174-95.225 MM)			Min Height:	3.7000" (93.98 MM) *	
Intake Hgt:	2.110-2.130" (53.594-54.102 MM)			Exhaust Hgt:	2.110-2.130" (53.594-54.102 MM)	
Intake Pro / Rec:	.039-.060" V/REC (.991-1.524 MM)			Exhaust Pro / Rec:	.039-.060" V/REC (.991-1.524 MM)	
Castings Numbers:	Head #:3904573, 3905470, 3910276, 3911273, 3919916, 3925400, 3935400 Block #: 32287, 3901204, 3905807D, 3912553					
Notes:	12 VALVE, TURBO DIESEL DODGE TRUCKS					
Comments:	* THICKER HEAD GASKET AVAILABLE					
CUMMINS	6.2	377		NTA380		NTA380
New Height:	3.5900-3.6100" (91.186-91.694 MM)			Min Height:	3.5800" (90.932 MM)	
Intake Pro / Rec:	.000-.018" V/PRO (-.457 MM)			Exhaust Pro / Rec:	.000-.018" V/PRO (-.457 MM)	
Notes:	NTA380					
CUMMINS	6.2	378	V6	V378		V378
New Height:	3.5900-3.6100" (91.186-91.694 MM)			Min Height:	3.5800" (90.932 MM)	
Intake Pro / Rec:	.000-.018" V/PRO (.000-.457 MM)			Exhaust Pro / Rec:	.000-.018" V/PRO (.000-.457 MM)	
Castings Numbers:	Head #:149440, 149930, 152143, 327544 Block #: 553590					
Notes:	V378					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
CUMMINS				6 Cylinders		(cont.)
CUMMINS	6.6	401		J160		J160
New Height:	5.0000-5.0100" (127.-127.254 MM)			Min Height:	4.9700" (126.238 MM)	
Casting Numbers:	Head #:114625, 114639, 143551, 143553, 143561 Block #: 150210, 150211					
Notes:	J160					
CUMMINS	6.6	401	J	J SERIES		J SERIES
New Height:	5.000-5.040" (127.-128.016 MM)			Min Height:	4.970" (126.238 MM)	
Casting Numbers:	Head #:143551					
Notes:	J SERIES					
Comments:	* 4 VALVE GUIDE HGT 1.240-1.260 INTAKE & EXHAUST, CROSSHEAD: SOLID 1.540-1.550,TUBULAR 1.420-1.440					
CUMMINS	6.6	401	J	J SERIES		C-180
New Height:	5.0000-5.0100" (127.-127.254 MM)			Min Height:	4.9700" (126.238 MM)	
Casting Numbers:	Head #:114625, 114639, 143551, 143553, 143561 Block #: 150210, 150211					
Notes:	MODEL MASTER, 4 VALVE, C-180 DIESEL					
CUMMINS	6.6	401	JT	JT SERIES		JT SERIES
New Height:	5.0100" (127.254 MM)			Min Height:	4.9700" (126.238 MM)	
Casting Numbers:	Head #:115901					
Notes:	JT SERIES					
Comments:	2 VALVE HEAD					
CUMMINS	7.6	464		C 160		C160
New Height:	5.0000-5.0100" (127.-127.254 MM)			Min Height:	4.9700" (126.238 MM)	
Intake Pro / Rec:	.050-.100" V/PRO (1.27-2.54 MM)			Exhaust Pro / Rec:	.050-.100" V/PRO (1.27-2.54 MM)	
Casting Numbers:	Head #:143361W, 143561W Block #: 150212, 150221					
Notes:	DIESEL					
CUMMINS	7.6	464		C 175		C175
New Height:	5.0000-5.0100" (127.-127.254 MM)			Min Height:	4.9700" (126.238 MM)	
Intake Pro / Rec:	.050-.100" V/PRO (1.27-2.54 MM)			Exhaust Pro / Rec:	.050-.100" V/PRO (1.27-2.54 MM)	
CUMMINS	7.6	464		C 180		C-180
New Height:	5.0000-5.0100" (127.-127.254 MM)			Min Height:	4.9700" (126.238 MM)	
Intake Pro / Rec:	.050-.100" V/PRO (1.27-2.54 MM)			Exhaust Pro / Rec:	.050-.100" V/PRO (1.27-2.54 MM)	
Casting Numbers:	Head #:114625, 114639, 143361, 143551, 143561					
Notes:	C-180, 4 VALVE					
CUMMINS	7.6	464		C 180		C180
New Height:	5.0000-5.0100" (127.-127.254 MM)			Min Height:	4.9700" (126.238 MM)	
Casting Numbers:	Head #:143561					
CUMMINS	7.6	464		C 190		C190
New Height:	5.0000-5.0100" (127.-127.254 MM)			Min Height:	4.9700" (126.238 MM)	
Intake Pro / Rec:	.050-.100" V/PRO (1.27-2.54 MM)			Exhaust Pro / Rec:	.050-.100" V/PRO (1.27-2.54 MM)	
Casting Numbers:	Head #:143561 Block #: 150210					
CUMMINS	7.6	464		C 200		C200
New Height:	5.0000-5.0100" (127.-127.254 MM)			Min Height:	4.9700" (126.238 MM)	
Intake Pro / Rec:	.050-.100" V/PRO (1.27-2.54 MM)			Exhaust Pro / Rec:	.050-.100" V/PRO (1.27-2.54 MM)	
Casting Numbers:	Head #:143561					
CUMMINS	8.3	505		ISC/QSC	98-06	ISC/QSC
Intake Pro / Rec:	.033-.047" v/rec (.859-1.210 MM)			Exhaust Pro / Rec:	.033-.047" V/REC (.859-1.210 MM)	
Casting Numbers:	Head #:394356600, 3969722C-1					
Notes:	DIESEL, 24 VALVE					
CUMMINS	8.3	505	C	C SERIES	85-90	C SERIES
New Height:	4.5570-4.5770" (115.748-116.256 MM)			Min Height:	4.5170" (114.732 MM) **	
Intake Pro / Rec:	.043-.064" REC (1.092-1.626 MM) *			Exhaust Pro / Rec:	.043-.064" REC (1.092-1.626 MM) *	
Casting Numbers:	Head #:3904688, 3904689, 3919764, 3920028, 3921247 Block #: 3914018, 3914255, 3926568, 3926724, 8914015					
Notes:	C-SERIES DIESEL					
Comments:	* ENGINES BEFORE SER #44487830 V/REC: .035-.056, ENGINES AFTER SER #44487830 V/REC: .043-.064 **.25MM & .50MM O/S HEAD GASKET AVAILABLE, AT MIN. USE THE .50MM GASKET					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
CUMMINS				6 Cylinders (cont.)		
CUMMINS	8.3	505	C(2)	C SERIES	91-00	C SERIES
New Height:	4.5570-4.5770" (115.748-116.256 MM)			Min Height:	4.5170" (114.732 MM)	
Intake Pro / Rec:	.043-.064" REC (1.092-1.626 MM) *			Exhaust Pro / Rec:	.043-.064" REC (1.092-1.626 MM) *	
CASTING NUMBERS:	Head #:3904688, 3904688REV, 3904689, 391976, 3919764, 3920028, 3921247 Block #: 3914018, 3914255, 3923289D, 8914015					
Notes:	C-SERIES DIESEL					
Comments:	* ENGINES BEFORE SER #44487830 V/REC: .035-.056 ENGINES AFTER SER #44487830 V/REC: .043-.064 .25MM & .50MM O/S HEAD GASKET AVLBL					
CUMMINS	10.0	611		L10	85-90	L10
New Height:	3.9270-3.9470" (99.746-100.254 MM)			Min Height:	3.9070" (99.238 MM)	
Intake Pro / Rec:	.002-.018" REC (.051-.457 MM) **			Exhaust Pro / Rec:	.002-.018" REC (.051-.457 MM) **	
CASTING NUMBERS:	Head #:302508612, 303322712, 303322715, 3055721, 305572103, 3856295, 389385201 Block #: 3039185					
Notes:	L10, CASTING #S CHANGE WITH CPL NO.					
Comments:	* W/VALVE SEALS = 1.069-1.089" (TB-781) ** VALVE REC. 1988-> .030-.046" *** ROCKER ARM I.D. WITHOUT BUSHING 1.4359-1.4370" (36.471-36.449 MM)					
CUMMINS	10.0	611	91->	L10	91-96	L10
New Height:	3.9270-3.9470" (99.746-100.254 MM)			Min Height:	3.9070" (99.238 MM)	
Intake Pro / Rec:	.030-.046" V/REC **			Exhaust Pro / Rec:	.030-.046" V/ REC **	
CASTING NUMBERS:	Head #:3055721, 3856295, 389385201, 3893852B, 3983852B Block #: 3039185					
Notes:	L10, CASTING #S CHANGE WITH CPL NO.					
Comments:	* W/VALVE SEALS=1.069-1.089"(TB-781) ** VALVE REC. BEFORE 1988 .002-.016" *** ROCKER ARM I.D. WITHOUT BUSHING 1.4359-1.4370" (36.471-36.449 MM)					
CUMMINS	11.0	661		M11	91-01	M11
New Height:	3.907-3.947" (99.238-100.254 MM)			Min Height:	3.9070" (99.238 MM)	
Intake Pro / Rec:	.030-.046" V/REC (.762-1.168 MM)			Exhaust Pro / Rec:	.030-.046" V/REC (.762-1.168 MM)	
CASTING NUMBERS:	Head #:3084652					
Notes:	TURBO DIESEL, ELECTRONIC FUEL SYSTEM					
Comments:	* REPIETED 1.250 07-23-02 MC ** CYL HEAD CAPSCREWS (FUEL PUMP SIDE) 35 FT/LBS, USE NEW HEAD BOLTS *** ROCKER ARM I.D. WITHOUT BUSHING 1.4359-1.4370" (36.471-36.449 MM)					
CUMMINS	11.0	672	H	H672	40-68	H672
New Height:	5.495-5.505" (139.573-139.827 MM)			Min Height:	5.470" (138.938 MM)	
Intake Pro / Rec:	.105-.165" V/PRO (2.667-4.191 MM)			Exhaust Pro / Rec:	.105-.165" V/PRO (2.667-4.191 MM)	
CASTING NUMBERS:	Head #:131700, 131720, 133470, 13780, 142020					
Notes:	H672,H-135,H-6,HU-170,NAT'L ASPIRATED,HS6-SUPRCHGD					
Comments:	NUMBER OF COILS, FREE LENGTH, CHECKING PRESSURE AND HEIGHT; 9, 3.4820", 179-198# 175 MIN 2.1875, 11.5, 3.1600", 104-114# 100 MIN @ 1.7650", 10.5, 2.8900", 108-132# 104 MIN @ 17650", 9.60, 2.9200", 155-189# 150 MIN @ 1.7650" MEMBER #2466 04-1405 MC					
CUMMINS	11.0	672	NH	NH180		NH180
New Height:	5.499-5.500" (139.675-139.7 MM)			Min Height:	5.470" (138.938 MM)	
Intake Pro / Rec:	.125 MIN V/PRO" (3.175 MM)			Exhaust Pro / Rec:	.125 MIN V/PRO" (3.175 MM)	
Notes:	NH180					
CUMMINS	12.2	743	NH	NH 220 SERIES		NH220
New Height:	5.4990-5.5000" (139.675-139.7 MM)			Min Height:	5.4700" (138.938 MM)	
Intake Pro / Rec:	.105-.165" V/PRO (2.667-4.191 MM)			Exhaust Pro / Rec:	.105-.165" V/REC (2.667-4.191 MM)	
CASTING NUMBERS:	Head #:10389-1, 108850, 133570, 135640, 13780, 142020, 142023, 142650, 205015, 3007716, 3007717, 3007718, 3008089 Block #: 189020, 189020, 3007930, 3007931					
Notes:	NH 220 SERIES					
Comments:	* 4/VALVE HEADS = 1.090-1.100" FOR GUIDES WITH OILSEALS, 1.312-1.325" FOR OTHERS ** 2/VALVE HEAD = .4960-.4970"					
CUMMINS	14.0	855		NT SERIES	88-91	NT SERIES
New Height:	4.3700-4.3800" (110.998-111.252 MM)			Min Height:	4.3400" (110.236 MM)	
Intake Pro / Rec:	.105-.165" V/PRO (2.667-4.191 MM)			Exhaust Pro / Rec:	.105-.165" V/PRO (2.667-4.191 MM)	
CASTING NUMBERS:	Head #:133570, 135640, 152650, 205015, 3007716, 3007717, 3007718, 3008089, 3046760, 3046780, 3088516 Block #: 202322, 3007930, 3007931, 3007938					
Notes:	STD/UP/PRS FT, BIG CAM III-IV, NT SERIES					
Comments:	CROSSHEAD GUIDE: 1.850-1.880 * 88NT SHAFT DIAM: 1.3705-1.3725" & RCKR BORE DIAM:1.3735-1.3775"					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
CUMMINS						
				6 Cylinders (cont.)		
CUMMINS	14.0	855	315	NT SERIES	88-93	NT SERIES
New Height:	4.370-4.380" (110.998-111.252 MM)			Min Height:	4.3400" (110.236 MM)	
Intake Pro / Rec:	.055-.085" V/PRO (1.397-2.159 MM)			Exhaust Pro / Rec:	.055-.085" V/PRO (1.397-2.159 MM)	
Casting Numbers:	Head #: 3041991, 3046670, 3046760, 3048780 Block #: 202322, 3007930, 3007931, 3007938					
Notes:	315/NT SERIES					
CUMMINS	14.0	855	FFC	88NT	87-89	88NT
New Height:	4.370-4.380" (110.998-111.252 MM)			Min Height:	4.340" (110.236 MM)	
Intake Pro / Rec:	.000-.025" V/REC (.000-.635 MM) *			Exhaust Pro / Rec:	.000-.025" V/REC (.000-.635 MM) *	
Casting Numbers:	Head #: 133570, 135640, 205015, 3007716, 3007717, 3007718, 3008089, 3068516 Block #: 202322, 210186, 210187, 210188, 210189, 211475, 214674, 216815, 216816, 216817, 216818, 216819, 3001670, 3001823, 3002671, 3007930, 3007931, 3007935, 3007936, 3007937, 3007938, 3007939, 3007940, 3007941, 3013630, 3031265, 3031267, 3031268, 3031269, 3031270					
Notes:	88NT					
Comments:	* DEPENDS ON CPL # OR SERIAL #, SOME HAVE VALVE PROTRUSION .125" AVERAGE OR .105-.165" V/PRO (2.667-4.191 MM).					
CUMMINS	14.0	855	N14	N14	91-00	N14 O.S. LINE
New Height:	4.3870" (111.43 MM)			Min Height:	4.3600" (110.744 MM)	
Intake Pro / Rec:	.000-.025" V/REC (-.635 MM)			Exhaust Pro / Rec:	.000-.025" V/REC (-.635 MM)	
Casting Numbers:	Block #: 3066210					
Notes:	WITH O.S. LINER					
CUMMINS	14.0	855	N14	N14	91-00	N14
New Height:	4.387" (111.430 MM)			Min Height:	4.340" (110.236 MM)	
Intake Pro / Rec:	.000-.025" V/REC (-.635 MM)			Exhaust Pro / Rec:	.000-.025" V/REC (-.635 MM)	
Casting Numbers:	Head #: 3088516 Block #: 3066210, 3081210					
Notes:	N14					
Comments:	* CHECK VALVE ANGLES, DIFFERENT COMBINATIONS USED FOR SELECT 1, 2 OR 3 - INTAKES 20 & 30° AND EXHAUSTS ARE 30 + 45°.					
CUMMINS	14.0	855	NH	NH230	NH230, NH250	
New Height:	4.3700-4.3800" (110.998-111.252 MM)			Min Height:	4.3400" (110.236 MM)	
Intake Pro / Rec:	.105-.165" V/PRO (2.667-4.191 MM)			Exhaust Pro / Rec:	.105-.165" V/PRO (2.667-4.191 MM)	
Casting Numbers:	Head #: 10389-1, 133570, 135541, 135640, 205015, 3007716, 3007717, 3007718, 3008089, 3041991 Block #: 131601, 138424, 138426, 180900, 180901, 180903, 180905, 180906, 180907, 184584, 201941, 201942, 201944, 210181, 210182, 210183, 210184, 210185, 216811, 216812, 216813, 216814, 3007932, 3007933, 3007934, 3031261, 3031262, 3031263, 3031264					
Notes:	NH230, NH250					
CUMMINS	14.0	855	NT	NT855	NT855 SMALL C	
New Height:	4.3700-4.3800" (110.998-111.252 MM)			Min Height:	4.3400" (110.236 MM)	
Intake Pro / Rec:	.105-.165" V/PRO (2.667-4.191 MM)			Exhaust Pro / Rec:	.105-.165" V/PRO (2.667-4.191 MM)	
Casting Numbers:	Head #: 10389-1, 133570, 135541, 135640, 205015, 3007716, 3007717, 3007718, 3008089 Block #: 131601, 138424, 138426, 180900, 180901, 180903, 180905, 180906, 180907, 184584, 201941, 201942, 201944, 210181, 210182, 210183, 210184, 210185, 216811, 216812, 216813, 216814, 3007932, 3007933, 3007934, 3031261, 3031262, 3031263, 3031264					
Notes:	NT 855, SMALL CAM					
CUMMINS	14.0	855	NTC	NTC400	NTC400	
New Height:	4.325-4.380" (109.855-111.252 MM)			Min Height:	4.3085" (109.436 MM)	
Casting Numbers:	Block #: 214200, 214221, 214223, 218600, 218601, 218602, 218603, 3011940, 3011941, 3011942, 3011943, 3011944, 3011945, 3013630, 3013631, 3013632, 3013633, 3013634, 3013635, 3031150, 3031151, 3031152, 3031153, 3031154, 3031158, 3049440, 3049449					
Notes:	NTC400, SEE ALL 14.0L RECORDS					
CUMMINS	15.0	912	600 SERIES		97-05	ISX
New Height:	8.875" (225.425 MM) FROM DECK TO VALVE C			Min Height:	NOT SUPPLIED BY OE	
Intake Pro / Rec:	.040-.045" V/REC (1.016-1.143 MM)			Exhaust Pro / Rec:	.021-.036" V/REC (.53-.91 MM)	
Casting Numbers:	Head #: 4059222, 4059246					
Notes:	DIESEL, 24 VALVE, DOHC, SIGNATURE 600 SERIES					
Comments:	* 8.8600" (225.044 MM) REPORTED MEMBER # 41623 08-15-2005 MC ** EARLY 30° VALVE & SEAT ARE OBSOLETE!					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
CUMMINS				6 Cylinders (cont.)		
CUMMINS	18.8	1,150		K SERIES		KT1150
New Height:	4.7450-4.7550" (120.523-120.777 MM)			Min Height:	4.7150" (119.761 MM)	
Intake Hgt:	2.4700" MAX (62.738 MM)			Exhaust Hgt:	2.4700" MAX (62.738 MM)	
Intake Pro / Rec:	.000-.020" V/REC (-.508 MM)			Exhaust Pro / Rec:	.000-.020" V/REC (-.508 MM)	
Castings Numbers:	Head #:205015, 3009088-01, 317661802 Block #: 205001, 205512, 3001700, 3005860, 3016292, 3028130, 3044515, 3201378					
Notes:	K19, K & KT SERIES					
CUMMINS	18.8	1,150	KTA	KTA		KTA
New Height:	4.7450-4.7550" (120.523-120.777 MM)			Min Height:	4.7150" (119.761 MM)	
Intake Hgt:	2.4700" MAX (62.738 MM)			Exhaust Hgt:	2.4700" MAX (62.738 MM)	
Intake Pro / Rec:	.000-.020" V/REC (-.508 MM)			Exhaust Pro / Rec:	.000-.020" V/REC (-.508 MM)	
Castings Numbers:	Head #:205015, 3009088-01, 317661802 Block #: 205001, 205512					
Notes:	SERIAL #S 31101150-31106328					
CUMMINS				8 Cylinders		
CUMMINS	7.7	470		PHASE 4&5		PHASE 4&5
New Height:	3.5900-3.6100" (91.186-91.694 MM)			Min Height:	3.5800" (90.932 MM)	
Intake Pro / Rec:	.000-.018" V/PRO (-.457 MM)			Exhaust Pro / Rec:	.000-.018" V/PRO (-.457 MM)	
Castings Numbers:	Head #:157782, 327541, 3275441					
Notes:	V-8 DIESEL, PHASE 4&5					
CUMMINS	7.7	470	V8	PHASE 3		PHASE 3
New Height:	3.5900-3.6100" (91.186-91.694 MM)			Min Height:	3.5800" (90.932 MM)	
Intake Pro / Rec:	.000-.018" V/PRO (-.457 MM)			Exhaust Pro / Rec:	.000-.018" V/PRO (-.457 MM)	
Castings Numbers:	Head #:157782, 327541, 3275441					
Notes:	V-8 DIESEL, PHASE 3					
CUMMINS	8.3	504	504	V-504		V504
New Height:	3.5900-3.6100" (91.186-91.694 MM)			Min Height:	3.5800" (90.932 MM)	
Intake Pro / Rec:	.000-.018" V/REC (.000-.457 MM)			Exhaust Pro / Rec:	.000-.018" V/REC (.000-.457 MM)	
Castings Numbers:	Head #:157782, 3275441 Block #: 18370, 202322, 20322, 3013063					
Notes:	V-504 DIESEL					
CUMMINS	9.1	555		TRIPLE NICKEL		V-555,VT-555
New Height:	3.5900-3.6100" (91.186-91.694 MM)			Min Height:	3.5800" (90.932 MM)	
Intake Pro / Rec:	.000-.018" V/REC (0-.457 MM)			Exhaust Pro / Rec:	.000-.018" V/REC (0-.457 MM)	
Castings Numbers:	Head #:0, 3275442, 553637 Block #: 2022039, 202322, 20322, 3013063					
Notes:	BIG CAM APPLICATION V/VT-555					
CUMMINS	12.8	784		V8E-235		V8E-235
New Height:	4.4950-4.5050" (114.173-114.427 MM)			Min Height:	4.4650" (113.411 MM)	
Intake Pro / Rec:	.000-.030" V/REC (-.762 MM)			Exhaust Pro / Rec:	.000-.030" V/REC (-.762 MM)	
Notes:	V8E-235, V265, V785					
CUMMINS	14.8	903		V903		V903
New Height:	4.4950-4.5050" (114.173-114.427 MM)			Min Height:	4.465" (113.411 MM)	
Intake Pro / Rec:	.005-.025" V/REC (.127-.635 MM)			Exhaust Pro / Rec:	.052-.072" V/REC (1.321-1.829 MM)	
Castings Numbers:	Head #:180100, 180102, 218399 Block #: 213600					
Notes:	V903 TURBO & NON					
Comments:	* BEFORE SERIAL #10290849: .075-.090" ** SEALS ARE USED ON NON TURBO INTAKES ONLY					
CUMMINS				12 Cylinders		
CUMMINS	24.4	1,486		VT1486	60-70	VT1486
New Height:	5.4900-5.5100" (139.446-139.954 MM)			Min Height:	5.4700" (138.938 MM)	
Intake Pro / Rec:	.105-.130" V/PRO (2.667-3.302 MM)			Exhaust Pro / Rec:	.105-.130" V/PRO (2.667-3.302 MM)	
Castings Numbers:	Head #:10614, 133573, 142030, 3009088, L9111 Block #: 0117-5					
Notes:	VT1486					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
CUMMINS						
				12 Cylinders (cont.)		
CUMMINS	28.0	1,710	V12	V1710		V1710,PHASE 3
New Height:	5.4900-5.5100" (139.446-139.954 MM)			Min Height:	5.4600" (138.684 MM)	
Intake Pro / Rec:	.115-.154" V/PRO (2.921-3.912 MM)			Exhaust Pro / Rec:	.115-.154" V/PRO (2.921-3.912 MM)	
Castings Numbers:	Head #:133570, 133573, 142030 Block #: 126740, 126741, 126742, 126743, 126744, 3009681					
Notes:	V-1710, PHASE 3&4					
Comments:	PHASE 2, 5 1/2" BORE					
CUMMINS	28.0	1,710	VTA	VT1710		V1710,PHASE 1
New Height:	5.4900-5.5100" (139.446-139.954 MM)			Min Height:	5.4700" (138.938 MM)	
Intake Pro / Rec:	.115-.154" V/PRO (2.921-3.912 MM)			Exhaust Pro / Rec:	.115-.154" V/PRO (2.921-3.912 MM)	
Castings Numbers:	Head #:133573, 142030 Block #: 126740, 126741, 126742, 126743, 126744, 3009681					
Notes:	VT-1710, PHASE 1&2					
Comments:	PHASE 2, 5 1/2" BORE					
CUMMINS	38.0	2,300		KT SERIES		KT & K38 SERIE
New Height:	4.7450-4.7550" (120.523-120.777 MM)			Min Height:	4.7150" (119.761 MM)	
Intake Hgt:	2.4700" MAX (62.738 MM)			Exhaust Hgt:	2.4700" MAX (62.738 MM)	
Intake Pro / Rec:	.000-.020" V/REC (-.508 MM)			Exhaust Pro / Rec:	.000-.020" V/REC (-.508 MM)	
Castings Numbers:	Head #:205015, 3009088-01, 317661802					
Notes:	K38 & KT SERIES					
DAEWOO						
				4 Cylinders		
DAEWOO	1.6	98		LANOS	99-02	A16D
New Height:	5.440" (138.180 MM) * SEE COMMENTS BOX			Min Height:	5.438" (138.130 MM)	
Intake Hgt:	1.500-1.525" (38.100-38.735 MM)			Exhaust Hgt:	1.500-1.525" (38.100-38.735 MM)	
Castings Numbers:	Head #:96184871					
Notes:	DOHC, MFI, D-TEC, LANOS					
Comments:	*CYLINDER HEAD HEIGHT 5.2800" (134.112 MM) CASTING NUMBER #96184871 REPORTED					
DAEWOO	2.0	122	Z	NUBIRA	99-02	TC20N
New Height:	5.2746-5.2766" (133.975-134.025 MM)			Min Height:	5.270" (133.900 MM)	
Intake Hgt:	1.540-1.560" (39.200-39.800 MM)			Exhaust Hgt:	1.540-1.560" (39.200-39.800 MM)	
Castings Numbers:	Head #:92063877R					
Notes:	DOHC, MFI, D-TEC, NUBIRA					
DAEWOO	2.2	134		LEGANZA	99-02	T22SED
New Height:	5.2746-5.2766" (133.975-134.025 MM)			Min Height:	5.2710" (133.900 MM)	
Intake Hgt:	1.566" MAX (39.800 MM)			Exhaust Hgt:	1.566" MAX (39.800 MM)	
Notes:	DOHC, MFI, D-TEC, LEGANZA					
DAEWOO	3.3	199		DB33A		DB33A
New Height:	3.540-3.550" (89.950-90.050 MM)			Min Height:	3.530" (89.75 MM)	
Intake Pro / Rec:	.039" V/REC (1.000 MM), MAX=.098"			Exhaust Pro / Rec:	.039" V/REC (1.000 MM), MAX=.098"	
Notes:	DIESEL, OHV, WATER-COOLED, DIR INJ					
DAEWOO						
				6 Cylinders		
DAEWOO	8.1	492		D1146	97-03	D1146
Intake Pro / Rec:	.000-.012" V/PRO (.000-.300 MM)			Exhaust Pro / Rec:	.000-.012" V/PRO (.000-.300 MM)	
Notes:	DIESEL, DIR INJ, WATER COOLED					
DAEWOO	11.1	674	DE12T	DE12T		DE12T
New Height:	4.5256-4.5276" (114.95-115.00 MM)			Min Height:	4.4842" (113.900 MM)	
Intake Pro / Rec:	.00-.0118" V/REC (.00-.300 MM)			Exhaust Pro / Rec:	.00-.0118" V/REC (.00-.300 MM)	
Notes:	GENERATOR DIESEL, TURBO, DIR INJ, ALSO P126TI					
DAEWOO	14.6	892		D2848T		D2848T
New Height:	4.4842-4.4882" (113.900-114.000 MM)			Min Height:	4.4449" (112.900 MM)	
Intake Pro / Rec:	.026-.037" V/PRO (.650-.950 MM)			Exhaust Pro / Rec:	.026-.037" V/PRO (.650-.950 MM)	
Notes:	DIESEL, DAEWOO / MAN ENGINE					
DAIHATSU						
				3 Cylinders		
DAIHATSU	0.7	42		430447		430447
Notes:	GAS, OHV, BRIGGS & STRATTON, TORO LAWNMOWER			Min Height:	RESURFACING NOT RECOMMENDED P	
DAIHATSU	1.0	58		580447		580447
Notes:	GAS, OHV, BRIGGS & STRATTON, TORO LAWNMOWER			Min Height:	RESURFACING NOT RECOMMENDED P	

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
DAIHATSU						3 Cylinders (cont.)
DAIHATSU	1.0	61	CB	CHARADE	88-92	
New Height: 4.9600" (125.984 MM)				Min Height: 4.9488" (125.7 MM)		
Intake Pro / Rec: .074" MAX V/REC (1.88 MM)				Exhaust Pro / Rec: .110" MAX V/REC (2.794 MM)		
Casting Numbers: Head #:690335						
Notes: MFI, CHARADE						
DAIHATSU						4 Cylinders
DAIHATSU	1.6	97	O	ROCKY	90-95	
Intake Pro / Rec: .074-.109" V/REC (1.88-2.769 MM)				Exhaust Pro / Rec: .110-.237" V/REC (2.794-6.02 MM)		
Notes: ROCKY, USES OIL COOLER						
DDC						2 Cylinders
DDC	1.7	106		2-53 2V		2-53 2V
New Height: 4.396" (111.658 MM)				Min Height: 4.3760" (111.15 MM)		
				Exhaust Pro / Rec: -.032+-.002" (-.813-.051 MM)		
Casting Numbers: Head #:5121102						
Notes: DIESEL, 2 VALVE						
Comments: * DSTNC BELOW TOP OF HEAD-PLAIN GUIDE: .010-.040, DISTANCE BELOW TOP OF HEAD-GUIDE MACHINED FOR OIL SEAL: .190-.220						
DDC	1.7	106		2-53 4V		2-53 4V
New Height: 4.396" (111.658 MM)				Min Height: 4.3760" (111.15 MM)		
Intake Pro / Rec: CURRENT->				Exhaust Pro / Rec: -.024-FLUSH" (-.61 MM)		
Notes: DIESEL, 4 VALVE						
Comments: * DSTNC BELOW TOP OF HEAD-PLAIN GUIDE: .010-.040, DISTANCE BELOW TOP OF HEAD-GUIDE MACHINED FOR OIL SEAL: .190-.220						
DDC	2.3	142		2-71		2-71
New Height: 3.5560-3.5680" (90.322-90.627 MM)				Min Height: 3.5360" (89.814 MM)		
				Exhaust Pro / Rec: +.006 TO -.023" (.152-.584 MM) *		
Casting Numbers: Head #:5140089, 5171535, 5189857, 5189858						
Notes: 4 VLV, TRUNK TYPE PISTON						
Comments: * FORMER REC/PROT: +.028 TO -.002						
DDC	2.3	142		2-71 2V		2-71 2V
New Height: 3.5560-3.5680" (90.322-90.627 MM)				Min Height: 3.5360" (89.814 MM)		
				Exhaust Pro / Rec: +.006 TO -.023" (.152-.584 MM) *		
Casting Numbers: Head #:5121102, 5171535, 5189857, 5189858						
Notes: 2 VLV, TRUNK TYPE PISTON						
Comments: * 45° REC / PRO -.005" TO +.017						
DDC	2.3	142		2-71 CROSS-HEA		2-71 CROSS-HE
New Height: 3.5560-3.5680" (90.322-90.627 MM)				Min Height: 3.5360" (89.814 MM)		
				Exhaust Pro / Rec: +.006 TO -.023" (.152-.584 MM)		
Casting Numbers: Head #:5189857, 5189858						
Notes: 4 VLV, CROSS-HEAD TYPE PISTON						
DDC	2.3	142		2-71E		2-71E
New Height: 3.5560-3.5680" (90.322-90.627 MM)				Min Height: 3.5360" (89.814 MM)		
				Exhaust Pro / Rec: -.023+-.006" (-.584-.152 MM) *		
Casting Numbers: Head #:5189857, 5189858						
Notes: 4 VLV, TRUNK TYPE PISTON						
Comments: * FORMER REC/PROT: -.002+-.028						
DDC	2.3	142		2-71M		2-71M
New Height: 3.5560-3.5680" (90.322-90.627 MM)				Min Height: 3.5360" (89.814 MM)		
				Exhaust Pro / Rec: -.023+-.006" (-.584-.152 MM) *		
Casting Numbers: Head #:5189857, 5189858						
Notes: 4 VLV, TRUNK TYPE PISTON						
Comments: * FORMER REC/PROT: -.002+-.028						
DDC	2.3	142		2-71N		2-71N
New Height: 3.5560-3.5680" (90.322-90.627 MM)				Min Height: 3.5360" (89.814 MM)		
				Exhaust Pro / Rec: -.023+-.006" (-.584-.152 MM) *		
Casting Numbers: Head #:5189857, 5189858						
Notes: 4 VLV, TRUNK TYPE PISTON						
Comments: * FORMER REC/PROT: -.002+-.028						

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
DDC						
2 Cylinders (cont.)						
DDC	2.3	142		2-71T		2-71T
New Height:	3.5560-3.5680" (90.322-90.627 MM)			Min Height:	3.5360" (89.814 MM)	
				Exhaust Pro / Rec:	-.023+-.006" (-.584-.152 MM) *	
Castings Numbers:	Head #:5189857, 5189858					
Notes:	4 VLV, TURBO, TRUNK TYPE PISTON					
Comments:	* FORMER REC/PROT: -.002+-.028					
DDC						
3 Cylinders						
DDC	0.9	53		53		53
				Min Height:	4.376" (111.15 MM)	
				Exhaust Pro / Rec:	.000-.026" V/REC (-.66 MM)	
Castings Numbers:	Head #:5121102, 5121104, 5134294, 5134953B, 5135029, 5149426, 5198202, 5198204 Block #: 3125424, 5101426, 5125424					
Notes:	2, 3, 4 CYLS.					
Comments:	* 2 VALVE, 4 VALVE = .2480-.2488			** 2 VALVE INSERT BORE DIAM		
	1.160					
DDC	2.1	127		D703L		D703L
New Height:	3.5929-3.5961" (91.260-91.340 MM)			Min Height:	3.5433" (90.000 MM)	
Intake Pro / Rec:	.000-.012" V/REC (.000-.300 MM)			Exhaust Pro / Rec:	.000-.012" V/REC (.000-.300 MM)	
Castings Numbers:	Head #:10352047					
Notes:	NON-TURBO & D703LT TURBO, DIRECT INJECTION					
DDC	2.6	159		3-53		3-53
New Height:	4.3960" (111.658 MM)			Min Height:	4.3760" (111.15 MM)	
Intake Pro / Rec:	4 VLV CURRENT->			Exhaust Pro / Rec:	.00--.024" (--.61 MM) **	
Castings Numbers:	Head #:5134953, 5134953B, 5134963, 5135029, 5135029B, 5149425, 5195028, 5195029, 5197947, 5198203 Block #: 5101426					
Notes:	3-53 SERIES DIESEL, 2 + 4 VALVE HEADS					
Comments:	* LASH 4-VLV CYL HEAD: .025-.027" C, .023-.025" H ** FORMER 4 VALVE CYL HEAD REC/PRO: -.032+-.002"					
DDC	3.5	213		3-71		3-71 4V
New Height:	3.5560-3.5680" (90.322-90.627 MM)			Min Height:	3.5360" (89.814 MM)	
				Exhaust Pro / Rec:	-.023+-.006" (-.584-.152 MM) *	
Castings Numbers:	Head #:5102769, 5117107, 5117437, 5151475, 5183927					
Notes:	4 VLV, TRUNK TYPE PISTON					
Comments:	*FORMER REC/PROT: -.002+-.028					
DDC	3.5	213		3-71 2V		3-71 2V
New Height:	3.5560-3.5680" (90.322-90.627 MM)			Min Height:	3.5360" (89.814 MM)	
				Exhaust Pro / Rec:	-.023+-.006" (-.584-.152 MM) *	
Castings Numbers:	Head #:5113625, 5196308, 5198216, 5198218, 5198473 Block #: 5183857					
Notes:	2 VLV, TRUNK TYPE PISTON					
Comments:	* 45° REC/PROT -.005+-.017					
DDC	3.5	213		3-71 CROSS-HEA		3-71 CROSS-HE
New Height:	3.5560-3.5680" (90.322-90.627 MM)			Min Height:	3.5360" (89.814 MM)	
				Exhaust Pro / Rec:	-.023+-.006" (-.584-.152 MM)	
Castings Numbers:	Head #:5102769, 5117107, 5117437, 5151475, 5183927					
Notes:	4 VLV, CROSS-HEAD TYPE PISTON					
DDC	3.5	213		3-71E		3-71E
New Height:	3.5560-3.5680" (90.322-90.627 MM)			Min Height:	3.5360" (89.814 MM)	
				Exhaust Pro / Rec:	-.023+-.006" (-.584-.152 MM) *	
Castings Numbers:	Head #:5102769, 5117107, 5117437, 5151475, 5183927					
Notes:	4 VLV, TRUNK TYPE PISTON					
Comments:	* FORMER REC/PROT: -.002+-.028					
DDC	3.5	213		3-71M		3-71M
New Height:	3.5560-3.5680" (90.322-90.627 MM)			Min Height:	3.5360" (89.814 MM)	
				Exhaust Pro / Rec:	-.023+-.006" (-.584-.152 MM) *	
Castings Numbers:	Head #:5102769, 5117107, 5117437, 5151475, 5183927					
Notes:	4 VLV, TRUNK TYPE PISTON					
Comments:	* FORMER REC/PROT: -.002+-.028					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
DDC			3 Cylinders (cont.)			
DDC	3.5	213		3-71N		3-71N
New Height:	3.5560-3.5680" (90.322-90.627 MM)			Min Height:	3.5360" (89.814 MM)	
				Exhaust Pro / Rec:	-.023+-.006" (-.584-.152 MM) *	
Castings Numbers: Head #:5102769, 5117107, 5117437, 5151475, 5183927						
Notes: 4 VLV, TRUNK TYPE PISTON						
Comments: * FORMER REC/PROT: -.002+-.028						
DDC	3.5	213		3-71T		3-71T
New Height:	3.5560-3.5680" (90.322-90.627 MM)			Min Height:	3.5360" (89.814 MM)	
				Exhaust Pro / Rec:	-.023+-.006" (-.584-.152 MM) *	
Castings Numbers: Head #:5102769, 5117107, 5117437, 5151475, 5183927						
Notes: TURBO, 4 VLV, TRUNK TYPE PISTON						
Comments: * FORMER REC/PROT: -.002+-.028						
DDC			4 Cylinders			
DDC	2.8	169		D704L		D704L
New Height:	3.5929-3.5961" (91.260-91.340 MM)			Min Height:	3.5433" (90.000 MM)	
Intake Pro / Rec:	.000-.012" V/REC (.000-.300 MM)			Exhaust Pro / Rec:	.000-.012" V/REC (.000-.300 MM)	
Castings Numbers: Head #:10352047						
Notes: NON-TURBO & D704LT TURBO, DIRECT INJECTION						
DDC	3.5	212		4-53		4-53
New Height:	4.396" (111.658 MM)			Min Height:	4.376" (111.15 MM)	
Intake Pro / Rec:	4 VLV FORMER ->			Exhaust Pro / Rec:	-.018+-.006" (-.457-.152 MM) *	
Castings Numbers: Head #:5121104, 5134294, 5149426, 5198202, 5198204 Block #: 3125424, 5125424						
Notes: 4-53 DIESEL, 2 + 4 VALVE HEADS						
Comments: * 4 VLV CURRENT: STEM DIA .2480-.2488, 0-.024 V/REC ** LASH 4-VALVE: .025-.027C, .023-.025H						
DDC	4.2	259		MBE 900	04-05	MBE 900
New Height:	4.2500-4.2600" (107.950-108.204 MM)			Min Height:	4.210" (106.900 MM)	
Intake Pro / Rec:	.040-.060" V/REC (1.016-1.524 MM)			Exhaust Pro / Rec:	.040-.060" V/REC (1.016-1.524 MM)	
Notes: 4.25L NON-EGR, MERCEDES ENGINE						
Comments: * NEW BOLT LENGTH 5.870", MAX 5.940"						
DDC	4.7	284		4-71 2VALVE		4-71 2VALVE
New Height:	3.5560-3.5680** (90.322-90.627 MM)			Min Height:	3.5360** (89.814 MM)	
				Exhaust Pro / Rec:	-.023 TO+.006" (-.584-.152 MM) **	
Castings Numbers: Head #:5117438, 5117476, 5182210, 5198216						
Notes: 2 VLV, TRUNK TYPE PISTON						
Comments: **45° REC/PROT -.005+-.017", * MEASURED FROM THE INSIDE NEAR SPRINGS *** USING DDC #2 COMPOUND OR EQUIVALENT						
DDC	4.7	284		4-71 4VALVE		4-71 4VALVE
New Height:	3.5560-3.5680" (90.322-90.627 MM)			Min Height:	3.5360" (89.814 MM)	
				Exhaust Pro / Rec:	-.023+-.006" (-.584-.152 MM) *	
Castings Numbers: Head #:5102771, 5117433, 5117439, 5151758, 5183482, 5196309, 5197212, 5198571 Block #: 5111433						
Notes: 4 VLV, TRUNK TYPE PISTON						
Comments: * FORMER REC/PROT: -.002+-.028", *** USING DDC #2 COMPOUND OR EQUIVALENT						
DDC	4.7	284		4-71 CROSS-HEA		4-71 CROSS-HE
New Height:	3.5560-3.5680" (90.322-90.627 MM)			Min Height:	3.5360" (89.814 MM)	
				Exhaust Pro / Rec:	-.023+-.006" (-.584-.152 MM)	
Castings Numbers: Head #:5102771, 5117433, 5117439, 5151758, 5183482, 5196309, 5197212, 5198571						
Notes: 4 VLV, CROSS-HEAD TYPE PISTON						
Comments: *** USING DDC #2 COMPOUND OR EQUIVALENT						
DDC	4.7	284		4-71E		4-71E
New Height:	3.5560-3.5680" (90.322-90.627 MM)			Min Height:	3.5360" (89.814 MM)	
				Exhaust Pro / Rec:	-.023+-.006" (-.584-.152 MM) *	
Castings Numbers: Head #:5102771, 5117433, 5117439, 5151758, 5183482, 5196309, 5197212, 5198571						
Notes: 4 VLV, TRUNK TYPE PISTON						
Comments: * FORMER REC/PROT: -.002+-.028", *** USING DDC #2 COMPOUND OR EQUIVALENT						

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
DDC				4 Cylinders (cont.)		
DDC	4.7	284		4-71M		4-71M
New Height:	3.5560-3.5680" (90.322-90.627 MM)			Min Height:	3.5360" (89.814 MM)	
				Exhaust Pro / Rec:	-.023+-.006" (-.584-.152 MM) *	
Castings Numbers:	Head #:5102771, 5117433, 5117439, 5151758, 5183482, 5196309, 5197212, 5198571					
Notes:	4 VLV, TRUNK TYPE PISTON					
Comments:	* FORMER REC/PROT: -.002+-.028", *** USING DDC #2 COMPOUND OR EQUIVALENT					
DDC	4.7	284		4-71N		4-71N
New Height:	3.5560-3.5680" (90.322-90.627 MM)			Min Height:	3.5360" (89.814 MM)	
				Exhaust Pro / Rec:	-.023+-.006" (-.584-.152 MM) *	
Castings Numbers:	Head #:5102771, 5117433, 5117439, 5151758, 5183482, 5196309, 5197212, 5198571					
Notes:	4 VLV, TRUNK TYPE PISTON					
Comments:	* FORMER ENGINES REC/PROT: -.002+-.028", *** USING DDC #2 COMPOUND OR EQUIVALENT					
DDC	4.7	284		4-71T		4-71T
New Height:	3.5560-3.5680" (90.322-90.627 MM)			Min Height:	3.5360" (89.814 MM)	
				Exhaust Pro / Rec:	-.023+-.006" (-.584-.152 MM) *	
Castings Numbers:	Head #:5102771, 5117433, 5117439, 5151758, 5183482, 5196309, 5197212, 5198571					
Notes:	TURBO, 4 VLV, TRUNK TYPE PISTON					
Comments:	* FORMER REC/PROT: -.002+-.028", *** USING DDC #2 COMPOUND OR EQUIVALENT					
DDC	8.5	518		50 SERIES	92-05	50 SERIES
New Height:	6.490-6.501" (164.846-165.125 MM)			Min Height:	6.460" (164.084 MM)	
Intake Pro / Rec:	.055-.071" V/REC (1.397-1.803 MM)			Exhaust Pro / Rec:	.055-.071" V/REC (1.397-1.803 MM)	
Castings Numbers:	Head #:23511352 Block #: 23519298					
Notes:	FOUR STROKE, OHC 8.5L					
Comments:	* SIDE CLR .015" (.400 MM), PIN TO BUSHG .003" (.0800 MM)			THRUST WASHER THICKNESS: .137-.140		
DDC				6 Cylinders		
DDC	4.2	254		D706LT		D706LT
New Height:	3.5929-3.5961" (91.260-91.340 MM)			Min Height:	3.5433" (90.000 MM)	
Intake Pro / Rec:	.000-.012" V/REC (.000-.300 MM)			Exhaust Pro / Rec:	.000-.012" V/REC (.000-.300 MM)	
Castings Numbers:	Head #:10352047					
Notes:	TURBO, DIRECT INJECTION					
DDC	5.2	318		6V-53		6V-53
New Height:	4.3960" (111.658 MM)			Min Height:	4.3760" (111.15 MM)	
Intake Pro / Rec:	2 VLV: -.032+-.002			Exhaust Pro / Rec:	4 VLV: .0-.024" V/REC	
Castings Numbers:	Head #:5135029, 5149425, 5197949, 5198203 Block #: 5136206-21					
Notes:	6V-53 TURBO					
Comments:	** 4 VLV CYL HEAD LASH: .025-.027 C, .023-.025 H *** STEM DIAM 4 VLV FORMER .2475-.2485			**** STEM/GUIDE CLR 4 VLV CURRENT: .0017-.0035		
DDC	6.4	389		MBE 900	04-05	MBE 900
New Height:	4.2500-4.2600" (107.950-108.204 MM)			Min Height:	4.210" (106.900 MM)	
Intake Pro / Rec:	.040-.060" V/REC (1.016-1.524 MM)			Exhaust Pro / Rec:	.040-.060" V/REC (1.016-1.524 MM)	
Notes:	6.39L NON-EGR, MERCEDES ENGINE					
Comments:	* NEW BOLT LENGTH 5.870", MAX 5.940"					
DDC	7.0	426		6-71		6-71 4V
New Height:	3.5560-3.5680" (90.322-90.627 MM)			Min Height:	3.5360" (89.814 MM)	
				Exhaust Pro / Rec:	-.023+-.006" (-.584-.152 MM) *	
Castings Numbers:	Head #:5102769, 5102770, 5102772, 5117106, 5117435, 5117441, 5144161, 5144181, 5147490, 5151759, 5183282, 5197213, 5197420, 5197423 Block #: 5154256					
Notes:	4 VLV, TRUNK TYPE PISTON					
Comments:	* FORMER REC/PROT: -.002+-.028					
DDC	7.0	426		6-71 2V		6-71 2V
New Height:	3.5560-3.5680" (90.322-90.627 MM)			Min Height:	3.5360" (89.814 MM)	
				Exhaust Pro / Rec:	-.023+-.006" (-.584-.152 MM) *	
Castings Numbers:	Head #:5109548, 5113624, 5195508, 5196308, 5196310, 5198218, 5198219, 5198473					
Notes:	2 VLV, TRUNK TYPE PISTON					
Comments:	* 45° REC/PRO: -.005+-.017					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
DDC				6 Cylinders (cont.)		
DDC	7.0	426		6-71 CROSS-HEA		6-71 CROSS-HE
New Height:	3.5560-3.5680" (90.322-90.627 MM)			Min Height:	3.5360" (89.814 MM)	
				Exhaust Pro / Rec:	-.023+-.006" (-.584-.152 MM)	
Castings Numbers:	Head #:5102769, 5102770, 5102772, 5117106, 5117435, 5117441, 5144161, 5147490, 5151759, 5183282, 5197213, 5197420, 5197423					
Notes:	4 VLV, CROSS-HEAD TYPE PISTON					
DDC	7.0	426		6-71E		6-71E
New Height:	3.5560-3.5680" (90.322-90.627 MM)			Min Height:	3.5360" (89.814 MM) **	
				Exhaust Pro / Rec:	-.023+-.006" (-.584-.152 MM) *	
Castings Numbers:	Head #:5102769, 5102770, 5102772, 5117106, 5117435, 5117441, 5144161, 5147490, 5151759, 5183282, 5197213, 5197420, 5197423					
Notes:	4 VLV, TRUNK TYPE PISTON					
Comments:	* FORMER REC/PROT: -.002+-.028 ** MEASURE INSIDE HEAD RAIL					
DDC	7.0	426		6-71M		6-71M
New Height:	3.5560-3.5680" (90.322-90.627 MM)			Min Height:	3.5360" (89.814 MM)	
				Exhaust Pro / Rec:	-.023+-.006" (-.584-.152 MM) *	
Castings Numbers:	Head #:5102769, 5102770, 5102772, 5117106, 5117435, 5117441, 5144161, 5147490, 5151759, 5183282, 5197213, 5197420, 5197423					
Notes:	4 VLV, TRUNK TYPE PISTON					
Comments:	* FORMER REC/PROT: -.002+-.028					
DDC	7.0	426		6-71N		6-71N
New Height:	3.5560-3.5680" (90.322-90.627 MM)			Min Height:	3.5360" (89.814 MM)	
				Exhaust Pro / Rec:	+.006 TO -.023" (+.152 TO -.584 MM) *	
Castings Numbers:	Head #:5102769, 5102770, 5102772, 5117106, 5117435, 5117441, 5144161, 5147490, 5151759, 5183282, 5197213, 5197420, 5197423					
Notes:	4 VLV, TRUNK TYPE PISTON					
Comments:	* FORMER REC/PROT: +.028 TO -.002					
DDC	7.0	426		6-71T		6-71T TURBO
New Height:	3.5560-3.5680" (90.322-90.627 MM)			Min Height:	3.5360" (89.814 MM)	
				Exhaust Pro / Rec:	-.023 TO +.006" (-.584 TO +.152 MM) *	
Castings Numbers:	Head #:5102769, 5102770, 5102772, 5117106, 5117435, 5117441, 5144161, 5147490, 5151759, 5183282, 5197213, 5197420, 5197423					
Notes:	4 VLV, TURBO, TRUNK TYPE PISTON					
Comments:	* FORMER REC/PROT: -.002+-.028					
DDC	7.0	426		6V-71		6V-71
New Height:	3.5560-3.5680" (90.322-90.627 MM)			Min Height:	3.5360" (89.814 MM)	
				Exhaust Pro / Rec:	-.023 TO +.006" (-.584 TO +.152 MM) *	
Castings Numbers:	Head #:5102769, 5117106, 5177107					
Notes:	4 VLV, TRUNK TYPE PISTON					
Comments:	* FORMER REC/PROT: -.002 TO +.028 ** BORE IN CYLINDER HEAD					
DDC	7.0	426		6V-71 2 VALVE		6V-71 2 VALVE
New Height:	3.5560-3.5680" (90.322-90.627 MM)			Min Height:	3.5360" (89.814 MM)	
				Exhaust Pro / Rec:	-.023 TO +.006" (-.584 TO +.152 MM) *	
Castings Numbers:	Head #:5113624					
Notes:	2VLV, TRUNK TYPE PISTON					
Comments:	* FORMER 2 VALVE REC/PROT: -.002 TO +.028 ** BORE IN CYLINDER HEAD					
DDC	7.0	426		6V-71 CROSSHEA		6V-71 CROSSHE
New Height:	3.5560-3.5680" (90.322-90.627 MM)			Min Height:	3.5360" (89.814 MM)	
				Exhaust Pro / Rec:	-.023 TO +.006" (-.584 TO +.152 MM)	
Castings Numbers:	Head #:5102769, 5117106, 5117107					
Notes:	4 VLV, CROSS-HEAD					
Comments:	** BORE IN CYL HEAD					
DDC	7.0	426		6V-71T		6V-71T TURBO
New Height:	3.5560-3.5680" (90.322-90.627 MM)			Min Height:	3.5360" (89.814 MM)	
				Exhaust Pro / Rec:	-.023 TO +.006" (-.584 TO +.152 MM) *	
Castings Numbers:	Head #:5102769, 5117106, 5117107					
Notes:	4 VLV, TURBO, TRUNK TYPE PISTON					
Comments:	* FORMER REC/PROT: -.002+-.028 ** BORE IN CYL HEAD					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
DDC						
			6 Cylinders (cont.)			
DDC	7.0	426		6V-71T CROSSH		6V-71T CROSSH
New Height:	3.5560-3.5680" (90.322-90.627 MM)			Min Height:	3.5360" (89.814 MM)	
				Exhaust Pro / Rec:	-.023 TO +.006" (-.584 TO +.152 MM)	
Casting Numbers:	Head #:5102769, 5117106, 5117107					
Notes:	4 VLV, TURBO, CROSS-HEAD TYPE PISTON					
Comments:	** BORE IN CYL HEAD					
DDC	7.6	466		40 SERIES	98-02	40 SERIES
New Height:	5.050-5.070" (128.270-128.778 MM)			Min Height:	5.040" (128.016 MM)	
Intake Pro / Rec:	.000-.014" V/REC (.000-.356 MM)			Exhaust Pro / Rec:	.000-.014" V/REC (.000-.356 MM)	
Notes:	NAVISTAR ELECTRONIC DIESEL,4.590 BORE,4.680 STROKE					
DDC	7.6	466		466E	94-99	466E
New Height:	5.050-5.070" (128.270-128.778 MM)			Min Height:	5.040" (128.016 MM)	
Intake Pro / Rec:	.000-.014" V/REC (.000-.356 MM)			Exhaust Pro / Rec:	.000-.014" V/REC (.000-.356 MM)	
Notes:	NAVISTAR ELECTRONIC DIESEL,4.300 BORE,5.350 STROKE					
DDC	8.7	530		40 SERIES	98-02	40 SERIES
New Height:	5.050-5.070" (128.270-128.778 MM)			Min Height:	5.040" (128.016 MM)	
Intake Pro / Rec:	.000-.014" V/REC (.000-.356 MM)			Exhaust Pro / Rec:	.000-.014" V/REC (.000-.356 MM)	
Casting Numbers:	Head #:1823914C1					
Notes:	NAVISTAR ELECTRONIC DIESEL,4.590 BORE,5.350 STROKE					
DDC	9.1	552		6V-92		6V-92
New Height:	3.5560-3.5680" (90.322-90.627 MM) *			Min Height:	3.5360" (89.814 MM) *	
				Exhaust Pro / Rec:	+.006 TO -.023" (.152 TO -.584 MM)	
Casting Numbers:	Head #:5148543, 5149543, 5149877, 8822355					
Notes:	6V-92 & 6VF-92					
Comments:	* MEASURED INSIDE VALVE COVER RAIL.					
DDC	10.8	660				6-110
				Exhaust Pro / Rec:	.004-.026" V/PRO (.102-.66 MM)	
Casting Numbers:	Head #:5113528, 5121525 4/V, 5135507, 5136518 4/V, 5177901 4/V, 5193713 2/V, 5195341 2/V, 5198404 4/V					
Notes:	6-110 ENGINE, 2 & 4 VALVE HEADS					
DDC	11.1	677		60 SERIES	86-04	60 SERIES 11.
New Height:	6.490-6.501" (164.846-165.125 MM)			Min Height:	6.460" (164.084 MM)	
Intake Pro / Rec:	.055-.071" V/REC (1.397-1.803 MM)			Exhaust Pro / Rec:	.055-.071" V/REC (1.397-1.803 MM)	
Casting Numbers:	Head #:8929413, 8929620 Block #: 23505874, 8929654, 8929656					
Notes:	OHC, DIESEL, FOUR STROKE					
Comments:	* ROCKER ARM SUPPORT & CAM CAP 75-86 FT/LBS. ** INJECTOR COPPERS (FLUSH) ZERO TO .003" REC					
DDC	12.7	775		60 SERIES	86-04	60 SERIES 12.
New Height:	6.490-6.501" (164.846-165.125 MM)			Min Height:	6.460" (164.084 MM)	
Intake Pro / Rec:	.055-.067" V/REC (1.397-1.702 MM)			Exhaust Pro / Rec:	.055-.067" V/REC (1.397-1.702 MM)	
Casting Numbers:	Head #:8929872 Block #: 8929656					
Notes:	OHC, DIESEL, FOUR STROKE					
Comments:	* ROCKER ARM SUPPORT & CAM CAP 75-86 FT/LBS. ** INJECTOR COPPERS (FLUSH) ZERO TO .003" REC					
DDC						
			8 Cylinders			
DDC	7.0	424		8V-53		8V-53
New Height:	4.396" (111.658 MM)			Min Height:	4.376" (111.15 MM)	
				Exhaust Pro / Rec:	.000-.026" V/REC (-.66 MM)	
Casting Numbers:	Head #:5134294					
Notes:	8V-53N DIESEL					
Comments:	* 4 VLV CYL HEAD LASH: .025-.027 C, .023-.025 H					
DDC	8.2	500		FUEL PINCHER		FUEL PINCHE
New Height:	4.5150" (114.681 MM)			Min Height:	4.5000" (114.3 MM)	
Intake Hgt:	2.3000-2.3500" (58.42-59.69 MM)			Exhaust Hgt:	2.3000-2.3500" (58.42-59.69 MM)	
Intake Pro / Rec:	.000-.035" V/REC (0-.889 MM)			Exhaust Pro / Rec:	.000-.035" V/REC (0-.889 MM)	
Casting Numbers:	Head #:23500471, 8921437, 8921470, 8921471, 8922747, 8922929 Block #: 8921444					
Notes:	4 STROKE DIESEL					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
DDC				8 Cylinders (cont.)		
DDC	8.2	500	D	FUEL PINCHER	80-89	FUEL PINCHE
New Height:	4.5150" (114.681 MM)			Min Height:	4.5000" (114.3 MM)	
Intake Hgt:	2.3000-2.3500" (58.42-59.69 MM)			Exhaust Hgt:	2.3000-2.3500" (58.42-59.69 MM)	
Intake Pro / Rec:	.000-.035" V/REC (0-.889 MM)			Exhaust Pro / Rec:	.000-.035" V/REC (0-.889 MM)	
 Casting Numbers:	Head #:23500471, 8921437, 8921470, 8921471, 8922747, 8922929 Block #: 8921444					
Notes:	4 STROKE DIESEL					
DDC	9.3	568		8V-71		8V-71
New Height:	3.5560-3.5680" (90.322-90.627 MM)			Min Height:	3.5360" (89.814 MM)	
				Exhaust Pro / Rec:	-.023 TO +.006" (-.584 TO +.152 MM) *	
 Casting Numbers:	Head #:5117433					
Notes:	4 VLV, TRUNK TYPE PISTON					
Comments:	* FORMER REC/PROT: -.002+-.028 ** BORE IN CYL HEAD					
DDC	9.3	568		8V-71 (2)		8V-71 LONG P
New Height:	3.5560-3.5680" (90.322-90.627 MM)			Min Height:	3.5360" (89.814 MM)	
				Exhaust Pro / Rec:	-.023 TO +.006" (-.584 TO +.152 MM) *	
 Casting Numbers:	Head #:5117433					
Notes:	4 VLV, LONG PORT LINER, TRUNK TYPE PISTON					
Comments:	* FORMER REC/PROT: -.002+-.028 ** BORE IN CYL HEAD					
DDC	9.3	568		8V-71 CROSSHEA		8V-71 CROSSHE
New Height:	3.5560-3.5680" (90.322-90.627 MM)			Min Height:	3.5360" (89.814 MM)	
				Exhaust Pro / Rec:	-.023 TO +.006" (-.584 TO +.152 MM)	
 Casting Numbers:	Head #:5117433					
Notes:	4 VLV, CROSS-HEAD TYPE PISTON					
Comments:	** BORE IN CYLINDER HEAD					
DDC	9.3	568		8V-71 TURBO		8V-71T TRUNK
New Height:	3.5560-3.5680" (90.322-90.627 MM)			Min Height:	3.5360" (89.814 MM)	
				Exhaust Pro / Rec:	-.023 TO +.006" (-.584 TO +.152 MM)	
 Casting Numbers:	Head #:5117433					
Notes:	4 VLV, TURBO, TRUNK TYPE PISTON					
Comments:	* FORMER REC/PROT: -.002+-.028 ** BORE IN CYLINDER HEAD					
DDC	9.3	568		8V-71T CROSSH		8V-71T CROSSH
New Height:	3.5560-3.5680" (90.322-90.627 MM)			Min Height:	3.5360" (89.814 MM)	
				Exhaust Pro / Rec:	-.023 TO +.006" (-.584 TO +.152 MM)	
 Casting Numbers:	Head #:5117433					
Notes:	4 VLV, TURBO, CROSS-HEAD TYPE PISTON					
Comments:	** BORE IN CYLINDER HEAD					
DDC	12.1	736		8V-92		8V-92
New Height:	3.5560-3.5680" (90.322-90.627 MM)			Min Height:	3.5360" (89.814 MM)	
				Exhaust Pro / Rec:	+.006 TO -.023" (+.152 TO -.584 MM)	
 Casting Numbers:	Head #:5148542, 5149878					
Notes:	8V-92 SERIES DIESEL					
DDC				12 Cylinders		
DDC	14.0	852		12V-71		12V-71
New Height:	3.5560-3.5680" (90.322-90.627 MM)			Min Height:	3.5360" (89.814 MM)	
				Exhaust Pro / Rec:	+.006--.023" (.152--.584 MM)	
 Casting Numbers:	Head #:5102770, 5102772, 5109548, 5117435, 5147490, 5197213					
Notes:	12V-71					
Comments:	4 VALVE HEAD					
DDC	18.1	1,104		12V-92		12V-92
New Height:	3.5560-3.5680" (90.322-90.627 MM)			Min Height:	3.5360" (89.814 MM)	
Intake Pro / Rec:	-.023+-.006" (-.584-.152 MM)			Exhaust Pro / Rec:	-.023+-.006" (-.584-.152 MM)	
 Casting Numbers:	Head #:5149877					
Notes:	12V-92					
DDC				16 Cylinders		
DDC	18.6	1,136		16V-71		16V-71
New Height:	3.5560-3.5680" (90.322-90.627 MM)			Min Height:	3.5360" (89.814 MM)	
Intake Pro / Rec:	-.023+-.006" (-.584-.152 MM)			Exhaust Pro / Rec:	-.023+-.006" (-.584-.152 MM)	
 Casting Numbers:	Head #:5102771, 5197212, 5198571					
Notes:	16V-71					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
DDC						16 Cylinders (cont.)
DDC	24.1	1,472		16V-92		16V-92
New Height:	3.5560-3.5680" (90.322-90.627 MM)			Min Height:	3.5360" (89.814 MM)	
				Exhaust Pro / Rec:	-.023-+.006" (-.584-+.152 MM)	
Casting Numbers:	Head #:5149878					
Notes:	16V-92					
DDC	39.1	2,384		16V-149		16V-149
New Height:	4.7450"			Min Height:	4.7350"	
				Exhaust Pro / Rec:	.000-.032" V/REC (-.813 MM)	
Casting Numbers:	Head #:3031755					
Notes:	16V-149					
DEUTZ						1 Cylinder
DEUTZ	0.7	41		F1L 210 D		F1L210D
Intake Pro / Rec:	.031-.039" V/REC (.787-.991 MM)			Exhaust Pro / Rec:	.031-.039" V/REC (.787-.991 MM)	
Notes:	DIESEL, FOUR STROKE, AIR COOLED, DIRECT INJ					
DEUTZ						2 Cylinders
DEUTZ	1.4	83		F2L 1011		F2L1011
Intake Pro / Rec:	.034-.044" V/REC (.864-1.118 MM)			Exhaust Pro / Rec:	.034-.044" V/REC (.864-1.118 MM)	
Notes:	FOUR STROKE DIESEL, OIL COOLED					
DEUTZ	1.6	95		F2L 2011		F2L2011
Intake Pro / Rec:	.060" MAX V/REC (1.530 MM)			Exhaust Pro / Rec:	.060" MAX V/REC (1.530 MM)	
Notes:	DIESEL,DIR INJ,4 STROKE, & F2M 2011 (NO COOL SYST)					
Comments:	* 2 DIFFERENT DIAMETER VALVE SPRINGS: 3.35MM (FREE LENGTH 1.531") & 3.40 MM (1.547" FREE LENGTH). MIXED INSTALLATION IS PERMISSIBLE.					
DEUTZ	1.9	115		F2L912		F2L912
New Height:	.232-.252 C/B ** (5.893-6.401 MM)					
Intake Pro / Rec:	.200-.240" V/REC (5.08 MM) **			Exhaust Pro / Rec:	.200-.240" V/REC (5.08 MM) **	
Notes:	DIESEL, 4 STROKE, DIR INJ					
Comments:	* W/OUT SHIM: .228-.248, W/SEALING RING (SCHMITZ CYL HEAD): .307-.326 FROM LINER C/B-CENTER OF VALVE HEAD. **MEASURED					
DEUTZ	1.9	115		F2L912/W		F2L912W
New Height:	.232-.252 C/B ** (5.893-6.401 MM)					
Intake Pro / Rec:	.200-.240" V/REC (5.08 MM) **			Exhaust Pro / Rec:	.200-.240" V/REC (5.08 MM) **	
Notes:	DIESEL, 4 STROKE, DIR INJ					
Comments:	* W/OUT SHIM: .228-.248, W/SEALING RING (SCHMITZ CYL HEAD): .307-.326 FROM LINER C/B-CENTER OF VALVE HEAD. **MEASURED					
DEUTZ						3 Cylinders
DEUTZ	1.4	83		F3L 1011		F3L1011
Intake Pro / Rec:	.034-.044" V/REC (.864-1.118 MM)			Exhaust Pro / Rec:	.034-.044" V/REC (.864-1.118 MM)	
Notes:	DIESEL, 4 STROKE, OIL COOLED					
DEUTZ	2.3	142		BF3L 2011		BF3L2011
Intake Pro / Rec:	.051" V/REC (1.300 MM) MAX			Exhaust Pro / Rec:	.051" V/REC (1.300 MM) MAX	
Notes:	DIESEL,DIR INJ,4 STROKE, & BF3M 2001 (NO COOL SYS)					
Comments:	* 2 DIFFERENT VALVE SPRING WIRE DIAMETERS: 3.35 MM (1.531" FREE LENGTH) AND 3.40 MM (1.547" FREE LENGTH). MIXED INSTALLATION IS PERMISSIBLE.					
DEUTZ	2.3	142		F3L 2011		F3L2011
Intake Pro / Rec:	.060" MAX V/REC (1.530 MM)			Exhaust Pro / Rec:	.060" MAX V/REC (1.530 MM)	
Notes:	DIESEL,DIR INJ,4 STROKE, & F3M 2011 (NO COOL SYST)					
Comments:	* 2 DIFF VALVE SPRING WIRE DIAMETERS: 3.35 MM (FREE LENGTH 1.531") AND 3.40 MM (FREE LENGTH 1.547"). MXED INSTALLATION IS PERMISSIBLE.					
DEUTZ	2.8	172		F3L912		F3L912
New Height:	.232-.252" C/BORE (5.893-6.401 MM)*					
Intake Pro / Rec:	.200-.240" V/REC (5.08 MM)			Exhaust Pro / Rec:	.200-.240" V/REC (5.08 MM)	
Notes:	DIESEL,DIR INJ,F3L912W, ALLIS MODEL 6240,6250					
Comments:	* MEASURED FROM LINER C/B-CENTER OF VALVE HEAD WITH HEAD GASKET IN PLACE. THE HEAD BOLTS MAY BE RE-USED.					
DEUTZ	2.8	172		F3L913		F3L913
Intake Pro / Rec:	.200-.240" V/REC (5.08 MM)			Exhaust Pro / Rec:	.200-.240" V/REC (5.08 MM)	
Notes:	DIESEL, 4 STROKE, DIR INJ.					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
DEUTZ			4 Cylinders			
DEUTZ	1.4	83		F4L 1011		F4L1011
Intake Pro / Rec:		.034-.044" V/REC (.864-1.118 MM)		Exhaust Pro / Rec:		.034-.044" V/REC (.864-1.118 MM)
Notes: DIESEL, 4 STROKE, OIL COOLED						
DEUTZ	2.7	167		BF4M 1011		BF4M1011
Intake Pro / Rec:		.034-.044" V/REC (.864-1.118 MM)		Exhaust Pro / Rec:		.034-.044" V/REC (.864-1.118 MM)
Notes: DIESEL, DIR INJ, 873 LOADER						
DEUTZ	3.1	190		F4L 2011		F4L2011
Intake Pro / Rec:		.060" MAX V/REC (1.530 MM)		Exhaust Pro / Rec:		.060" MAX V/REC (1.530 MM)
Notes: DIESEL,DIR INJ,4 STROKE, & F4M 2011 (NO COOL SYST)						
Comments: * 2 DIFFERENT VALVE SPRING WIRE DIAMETERS: 3.35 MM (FREE LENGTH 1.531" AND 3.40 MM (FREE LENGTH 1.547"). MIXED INSTALLATION IS PERMISSIBLE.						
DEUTZ	3.2	195		BF4M1012		BF4M1012
Intake Pro / Rec:		.055" V/REC (1.400 MM) MAX		Exhaust Pro / Rec:		.059" V/REC (1.500 MM) MAX
Notes: DIESEL, DIR INJ, ALSO BF4M1012 E (NO COOL SYSTEM)						
DEUTZ	3.8	229		F4L912		F4L912
New Height: .232-.252" C/B (5.893-6.401 MM) *						
Intake Pro / Rec:		.200-.240" V/REC ** (5.08 MM)		Exhaust Pro / Rec:		.200-.240" V/REC ** (5.08 MM)
Notes: DIESEL,DIR INJ,F4L912W, ALLIS MODEL 6240,6250						
Comments: * W/OUT SHIM: .228-.248, W/SEALING RING (SCHMITZ CYL HEAD): .307-.326 **MEASURED FROM LINER C/B-CENTER OF VALVE HEAD.						
DEUTZ	4.1	249		BF4L913 TURBO		BF4L913 TURB
New Height: .232-.252" C/B (5.893-6.401 MM) *						
Intake Pro / Rec:		.200-.240" V/REC (5.08 MM) **		Exhaust Pro / Rec:		.200-.240" V/REC (5.08 MM) **
Notes: DIESEL, 4 STROKE, DIR INJ, AIR COOLED						
Comments: * W/OUT SHIM: .228-.248, W/SEALING RING (SCHMITZ CYL HEAD): .307-.326 **MEASURED FROM LINER C/B-CENTER OF VALVE HEAD.						
DEUTZ	4.1	249		BF4L913C		BF4L913C
New Height: .232-.252" C/B (5.893-6.401 MM) *						
Intake Pro / Rec:		.200-.240" V/REC (5.080 MM) **		Exhaust Pro / Rec:		.200-.240" V/REC (5.080 MM) **
Notes: DIESEL, 4 STROKE, AIR COOLED, DIR INJ						
Comments: * WITHOUT SHIM: .228-.248, WITH SEALING RING (SCHMITZ CYL HEAD): .307-.326". ** MEASURED FROM LINER C/B TO CENTER OF VALVE HEAD.						
DEUTZ	4.8	291		BF4M1013		BF4M1013
Intake Pro / Rec:		.059" MAX V/REC (1.500 MM)		Exhaust Pro / Rec:		.059" MAX V/REC (1.500 MM)
Notes: DIESEL, DIR INJ, ALSO BF4M1013 E (NO COOL SYSTEM)						
DEUTZ			5 Cylinders			
DEUTZ	4.7	286		F5L912		F5L912, F5L91
New Height: .232-.252" COUNTER BORE DEPTH (5.893-6.4						
Intake Pro / Rec:		.200-.240" V/REC ** (5.08 MM)		Exhaust Pro / Rec:		.200-.240" V/REC ** (5.08 MM)
Notes: DIESEL,4 STROKE,DIR INJ, F5L912W						
Comments: * W/OUT SHIM: .228-.248, W/SEALING RING (SCHMITZ CYL HEAD): .307-.326" **MEASURED FROM LINER C/B-CENTER OF VALVE HEAD.						
DEUTZ			6 Cylinders			
DEUTZ	0.0	0		BF L913 TURBO		BFL913 TURBO
New Height: .307-.326" C/BOR (7.798-8.28 MM)						
Intake Pro / Rec:		.200-.240" V/REC (5.08 MM) **		Exhaust Pro / Rec:		.200-.240" V/REC (5.08 MM) **
Notes: 3 & 6 CYL, 4 STROKE DIESEL, DIR INJ						
Comments: * MEASURED FROM LINER C/B-CENTER OF VALVE HEAD.						
DEUTZ	0.0	0		BF6L513		BF6L513
Intake Pro / Rec:		.112-.144" REC (2.845-3.658 MM) *		Exhaust Pro / Rec:		.102-.134" REC (2.591-3.404 MM) *
Notes: BF						
Comments: * MAX DISTANCE BETWEEN CYL HEAD BOTTOM AND SEALINGSURFACE W/SHIM: .2953-.3031 I & E.						
DEUTZ	4.8	292		BF6M1012		BF6M1012
Intake Pro / Rec:		.055" MAX V/REC (1.400 MM)		Exhaust Pro / Rec:		.055" MAX V/REC (1.400 MM)
Notes: DIESEL, DIR INJ, ALSO BF6M1012 E (NO COOL SYSTEM)						

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
DEUTZ				6 Cylinders (cont.)		
DEUTZ	5.6	343		BF6L912		BF6L912
New Height: .232-.252" C/B (5.893-6.401 MM) *						
Intake Pro / Rec: .200-.240" V/REC (5.08 MM) **			Exhaust Pro / Rec:		.200-.240" V/REC (5.08 MM) **	
Notes: BF6L912 AIR COOLED DIESEL						
Comments: * W/OUT SHIM: .228-.248, W/SEALING RING (SCHMITZ CYL HEAD): .307-.326 FROM LINER C/B-CENTER OF VALVE HEAD. **MEASURED						
DEUTZ	5.6	343		BF6L912W		BF6L912W
New Height: .232-.252" C/B (5.893-6.401 MM) *						
Intake Pro / Rec: .200-.240" V/REC (5.08 MM) **			Exhaust Pro / Rec:		.200-.240" V/REC (5.08 MM) *	
Notes: BF6L912W AIR COOLED DIESEL						
Comments: * W/OUT SHIM: .228-.248, W/SEALING RING (SCHMITZ CYL HEAD): .307-.326 FROM LINER C/B-CENTER OF VALVE HEAD. **MEASURED						
DEUTZ	5.6	343		F6L912		F6L912, F6L91
New Height: .232-.252" C/B (5.893-6.401 MM) *						
Intake Pro / Rec: .200 V/REC *** (5.08 MM)			Exhaust Pro / Rec:		.200-.240" V/REC ** (5.08 MM)	
Notes: DIESEL,4 STROKE,DIR INJ,AIR COOLED,F6L912W						
Comments: * W/OUT SHIM: .228-.248, W/SEALING RING (SCHMITZ CYL HEAD): .307-.326 FROM LINER C/B-CENTER OF VALVE HEAD. **MEASURED						
DEUTZ	6.1	374		BF6L913 TURBO		BF6L913 TURB
New Height: .232-.252" C/B (5.893-6.401 MM) *						
Intake Pro / Rec: .200-.240" V/REC (5.080 MM) **			Exhaust Pro / Rec:		.200-.240" V/REC (5.080 MM) **	
Notes: DIESEL, 4 STROKE, DIR INJ, AIR COOLED						
Comments: * W/OUT SHIM: .228-.248", W/SEALING RING (SCHMITZ CYL HEAD): .307-.326". ** MEASURED FROM LINER C/B-CENTER OF VALVE HEAD.						
DEUTZ	6.1	374		BF6L913/C		BF6L913/C
New Height: .232-.252" C/B (5.893-6.401 MM) *						
Intake Pro / Rec: .200-.240" V/REC (5.080 MM) **			Exhaust Pro / Rec:		.200-.240" V/REC (5.080 MM) **	
Notes: DIESEL, 4 STROKE, AIR COOLED, DIR INJ						
Comments: * W/OUT SHIM: .228-.248, W/SEALING RING (SCHMITZ CYL HEAD): .307-.326 FROM LINER C/B-CENTER OF VALVE HEAD. **MEASURED						
DEUTZ	7.1	436		BF6M1013		BF6M1013
Intake Pro / Rec: .059" MAX V/REC (1.500 MM)						
Exhaust Pro / Rec:			.059" MAX V/REC (1.500 MM)			
Notes: DIESEL, DIR INJ, ALSO BF6M1013 E (NO COOL SYSTEM)						
DEUTZ	8.5	517	1	BF6L413F		BF6L413F
Intake Pro / Rec: .142-.173" REC (3.607-4.394 MM) *						
Exhaust Pro / Rec:			.142-.173" REC (3.607-4.394 MM) *			
Notes: DIESEL, F6L413, F6L413W, 4 STROKE						
Comments: * F6L413W V/REC: I&E=.083-.114						
DEUTZ	9.6	584		BF6L413F		BF6L413F
Intake Pro / Rec: .116-.132" REC (2.946-3.353 MM) *						
Exhaust Pro / Rec:			.126-.142" REC (3.2-3.607 MM) *			
Notes: DIESEL, F6L413, F6L413F & W, BF6L413F & W,4 STROKE						
Comments: * MODELS F6L413FW & BF6L413FW V/REC: I=.065-.081, E=.075-.091						
DEUTZ	12.0	731		8550	85-94	8550
Intake Pro / Rec: .060-.079" V/REC (1.524-2.007 MM)						
Exhaust Pro / Rec:			.060-.079" V/REC (1.524-2.007 MM)			
Notes: DEUTZ-ALLIS MODEL 8550/DIESEL						
Comments: *SPRING WITH DAMPER						
DEUTZ				8 Cylinders		
DEUTZ	12.8	779		BF8L413		BF8L413
Intake Pro / Rec: .116-.132" REC (2.946-3.353 MM) *						
Exhaust Pro / Rec:			.126-.142" REC (3.2-3.607 MM) *			
Notes: DIESEL, F8L413, F8L413F & W, BF8L413F & W,4 STROKE						
Comments: * MODELS F8L413FW & BF8L413FW V/REC: I=.065-.081 E=.075-.091						
DEUTZ				10 Cylinders		
DEUTZ	14.1	862	1	BF10L413		BF10L413
Intake Pro / Rec: .142-.173" REC (3.607-4.394 MM) *						
Exhaust Pro / Rec:			.142-.173" REC (3.607-4.394 MM) *			
Notes: DIESEL, F10L413, F10L413W, 4 STROKE						
Comments: * F10L413W V/REC I&E=.083-.114						
DEUTZ	16.0	973		BF10L413		BF10L413
Intake Pro / Rec: .116-.132" V/REC (2.946-3.353 MM) *						
Exhaust Pro / Rec:			.126-.142" V/REC (3.2-3.607 MM) *			
Notes: DIESEL,F10L413,F10L413F & W,BF10L413F & W,4 STROKE						
Comments: * MODELS F10L413FW & BF10L413FW V/REC: I=.065-.081E=.075-.091						

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
DEUTZ				12 Cylinders		
DEUTZ	17.0	1,035	1	BF12L413		BF12L413
Intake Pro / Rec: .142-.173" V/REC (3.607-4.394 MM)				Exhaust Pro / Rec: .142-.173" V/REC (3.607-4.394 MM)		
Notes: DIESEL, F12L413, 4 STROKE						
DEUTZ	19.1	1,168		BF12L413		BF12L413
Intake Pro / Rec: .116-.132" REC (2.946-3.353 MM) *				Exhaust Pro / Rec: .126-.142" REC (3.2-3.607 MM) *		
Notes: DIESEL, F12L413, F12L413F & W, BF12L413F & W, 4 STROKE						
Comments: * MODELS F12L413FW & BF12L413FW V/REC: I=.065-.081E=.075-.091						
FERRARI				8 Cylinders		
FERRARI	3.0	183		308	77-84	
New Height: 5.000-5.008" (127.000-127.200 MM)						
FIAT				3 Cylinders		
FIAT	2.6	158		8035		8035
New Height: 3.6220" (91.999 MM)				Min Height: 3.6020" (91.491 MM)		
Intake Pro / Rec: .030-.040" v/rec (.762-1.016 mm)				Exhaust Pro / Rec: .030-.040" v/rec (.762-1.016 mm)		
Notes: DIESEL, 1265 OLIVER ALSO						
FIAT				4 Cylinders		
FIAT	0.0	0		780	79-83	780 + 880
New Height: 3.620" (92.000 MM)				Min Height: 3.6003" (91.500 MM)		
Intake Pro / Rec: .0275-.0433" V/REC (.700-1.100 MM) *				Exhaust Pro / Rec: .0275-.0433" V/REC (.700-1.100 MM) *		
Notes: 780 + 880 DIESEL TRACTOR						
Comments: * MAX V/REC .0551" (1.400 MM)						
FIAT	1.1	66			80-87	
New Height: 2.8900" (73.406 MM) *				Exhaust Hgt: 1.6000-1.6200" (40.64-41.148 MM)		
Intake Hgt: 1.6000-1.6200" (40.64-41.148 MM)						
Casting Numbers: Head #:128A000, 1342-A6, 4183553, 4469750						
Notes: YUGO ALSO						
Comments: * H/T MEASURED ON THE EX. SIDE HEAD BOLT BOSS						
FIAT	1.5	91	38B		81-83	
New Height: 2.300" (58.42 MM) *						
Notes: FUEL INJECTION						
Comments: * MEASURED AT OUTSIDE HEAD BOLT HOLES						
FIAT	2.0	122	32C		81-83	
New Height: 3.508" (89.103 MM) *						
Casting Numbers: Head #:4371507						
Notes: DOHC, FUEL INJECTION						
Comments: * MEASURED AT THE END CENTER HEAD BOLT BOSSES						
FIAT	3.7	224		8045		8045
New Height: 3.6240" (92.05 MM)				Min Height: 3.614" (91.796 MM)		
Intake Pro / Rec: .028-.039" V/REC (.711-.991 MM)				Exhaust Pro / Rec: .028-.039" V/REC (.711-.991 MM)		
Casting Numbers: Head #:4782860						
Block #: 4679122						
Notes: 4.055 BORE, 4.330 STROKE						
FIAT	4.6	278		B10		B10
Intake Pro / Rec: .0039-.0196" V/REC (.100-.500 MM) *				Exhaust Pro / Rec: .0039-.0196" V/REC (.100-.500 MM) *		
Notes: DIESEL						
Comments: * MAX V/REC=.0275" (.700 MM)						
FIAT				6 Cylinders		
FIAT	0.0	0		8360		8360
New Height: 3.9260" (99.72 MM)						
Casting Numbers: Head #:4705976						
Notes: 8600 IVECO TRUCK						
FIAT	5.5	336		8065.24		8065.24
Intake Pro / Rec: .027-.043" V/REC (.686-1.092 MM)				Min Height: .020" MAX REMOVE (.508 MM)		
Exhaust Pro / Rec: .027-.043" V/REC (.686-1.092 MM)						
Casting Numbers: Head #:4861953						
Notes: IVECO 8065.24, TURBO, 4.055 BORE, 4.330 STROKE						
Comments: * RETORQUE AFTER 100 HRS OF OPERATION						

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
FIAT				6 Cylinders (cont.)		
FIAT	5.8	355		8060	88-90	8060
New Height: 3.6220" (91.999 MM)				Min Height: 3.6120" (91.745 MM)		
Intake Pro / Rec: .027-.043" V/REC (.686-1.092 MM)				Exhaust Pro / Rec: .027-.043" V/REC (.686-1.092 MM)		
Casting Numbers: Head #:4681246, 4681253, 4681953						
Notes: 8060-04 IVECO TRUCK						
FIAT	5.9	358		8065.25		8065.25
Intake Pro / Rec: .027-.039" V/REC (.686-.991 MM)				Exhaust Pro / Rec: .027-.039" V/REC (.686-.991 MM)		
Notes: IVECO 8065.25, TURBO, 4.095 BORE, 4.527 STROKE						
Comments: * RETORQUE AFTER 100 HRS OF OPERATION						
FIAT	6.0	366	D	8065		8065.04
Intake Pro / Rec: .027-.043" V/REC (.686-1.092 MM)				Min Height: .020" MAX REMOVE (.508 MM)		
Exhaust Pro / Rec: .027-.043" V/REC (.686-1.092 MM)						
Casting Numbers: Head #:4861953						
Notes: IVECO 8065.04, 4.055 BORE, 4.331 STROKE, NON-TURBO						
Comments: * RETORQUE AFTER 100 HRS OF OPERATION						
FIAT	6.0	366	D(1)	8065		8065.05
Intake Pro / Rec: .027-.039" V/REC (.686-.991 MM)				Exhaust Pro / Rec: .027-.039" V/REC (.686-.991 MM)		
Notes: IVECO 8065.05, 4.094 BORE, NON TURBO						
Comments: * RETORQUE AFTER 100 HRS OF OPERATION.						
FIAT	8.1	494		8365		FL10C
New Height: 3.9283-3.9370" (99.779-100. MM)				Min Height: 3.9170" (99.492 MM)		
Intake Pro / Rec: .004-.020" V/REC (.102-.508 MM)				Exhaust Pro / Rec: .016-.031" V/REC (.406-.787 MM)		
Casting Numbers: Head #:4705976						
Notes: FL10C FIAT ALLIS						
FIAT	13.8	842		8215		8215
Intake Pro / Rec: .050-.070" V/REC (1.3-1.9 MM)				Exhaust Pro / Rec: .050-.070" V/REC (1.3-1.9 MM)		
FORD				2 Cylinders		
FORD	0.7	43		LEK752C2		LEK752C2
Intake Pro / Rec: .047-.059" V/REC (1.194-1.499 MM)				Exhaust Pro / Rec: .047-.059" V/REC (1.194-1.499 MM)		
Casting Numbers: Block #:LEM853						
Notes: 1100 TRACTOR, DIESEL/SHIBURA						
FORD	0.7	43		LEK757C		LEK757C
Intake Pro / Rec: .047-.059" V/REC (1.194-1.499 MM)				Exhaust Pro / Rec: .047-.059" V/REC (1.194-1.499 MM)		
Casting Numbers: Block #:LEM853						
Notes: 1110 TRACTOR, DIESEL/SHIBURA						
FORD	0.8	49		LEK802D		LEK802D
Intake Pro / Rec: .047-.059" V/REC (1.194-1.499 MM)				Exhaust Pro / Rec: .047-.059" V/REC (1.194-1.499 MM)		
Casting Numbers: Block #:LEM853						
Notes: 1300 TRACTOR, DIESEL/SHIBURA						
FORD	0.8	49		LEK802D/1200		LEK802D/1200
Intake Pro / Rec: .047-.059" V/REC (1.194-1.499 MM)				Exhaust Pro / Rec: .047-.059" V/REC (1.194-1.499 MM)		
Casting Numbers: Block #:LEM853						
Notes: 1200 TRACTOR, DIESEL/SHIBURA						
FORD	1.1	69		LET862C		LET862C
Intake Pro / Rec: .028-.039" V/REC (.711-.991 MM)				Exhaust Pro / Rec: .028-.039" V/REC (.711-.991 MM)		
Casting Numbers: Block #:LEM853						
Notes: 1500 TRACTOR, DIESEL/SHIBURA						
FORD	1.3	77		LE892		LE892
Intake Pro / Rec: .028-.039" V/REC (.711-.991 MM)				Exhaust Pro / Rec: .028-.039" V/REC (.711-.991 MM)		
Casting Numbers: Block #:LEM853						
Notes: 1700 TRACTOR, DIESEL/SHIBURA						
FORD				3 Cylinders		
FORD	0.9	53		S723		S723
Intake Pro / Rec: .034-.046" V/REC (.864-1.168 MM)				Exhaust Pro / Rec: .034-.046" V/REC (.864-1.168 MM)		
Casting Numbers: Block #:LEM853						
Notes: 1120, 1210 TRACTOR, DIESEL/SHIBURA						

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
FORD				3 Cylinders		(cont.)
FORD	0.9	58		CM224		S753
Intake Pro / Rec:		.034-.046" V/REC (.864-1.168 MM)		Exhaust Pro / Rec:		.034-.046" V/REC (.864-1.168 MM)
Casting Numbers: Block #:LEM853						
Notes: DIESEL, CM224 MOWER, 1220, 1310 TRACTOR, SHIBURA						
FORD	1.1	68		K773		K773
Intake Pro / Rec:		.031-.043" V/REC (.787-1.092 MM)		Exhaust Pro / Rec:		.031-.043" V/REC (.787-1.092 MM)
Casting Numbers: Block #:LEM853						
Notes: 1510 TRACTOR, DIESEL/SHIBURA						
FORD	1.3	77		CM274		J823
Intake Pro / Rec:		.033-.045" V/REC (.850-1.150 MM) *		Exhaust Pro / Rec:		.033-.045" V/REC (.850-1.150 MM) *
Notes: DIESEL, CM274 MOWER, J823 SHIBURA ENGINE						
Comments: * MAX VALVE RECESSON .071" (1.800 MM) INTAKE & EXHAUST.						
FORD	1.3	81		J843		J843
Intake Pro / Rec:		.034-.045" V/REC (.864-1.143 MM)		Exhaust Pro / Rec:		.034-.045" V/REC (.864-1.143 MM)
Notes: 1320, 1520 TRACTOR, DIESEL, SHIBAURA						
FORD	1.4	85		H843		H843
Intake Pro / Rec:		.041-.053" V/REC (1.041-1.346 MM)		Exhaust Pro / Rec:		.041-.053" V/REC (1.041-1.346 MM)
Casting Numbers: Block #:LEM853						
Notes: 1710 TRACTOR, DIESEL/SHIBAURA						
FORD	1.4	85		TRACTOR 1710	80-92	
New Height: * SEE COMMENTS						
Intake Pro / Rec:		.040-.053" V/REC (1.016 TO 1.346 MM)		Exhaust Pro / Rec:		.040-.053" V/REC (1.016 TO 1.346 MM)
Notes: 1710 TRACTOR, DIESEL/SHIBURA						
Comments: * TWO THICKNESS HEAD GASKETS DEPENDING ON PISTON PROTRUSION						
FORD	1.4	87		LEM853		LEM853
Intake Pro / Rec:		.028-.039" V/REC (.711-.991 MM)		Exhaust Pro / Rec:		.028-.039" V/REC (.711-.991 MM)
Casting Numbers: Head #:N750 Block #: LEM853						
Notes: 1900 TRACTOR, DIESEL/SHIBURA						
FORD	1.5	91		N843		N843
Intake Pro / Rec:		.034-.045" V/REC (.864-1.143 MM)		Exhaust Pro / Rec:		.034-.045" V/REC (.864-1.143 MM)
Notes: 1720 TRACTOR, DIESEL, SHIBAURA						
FORD	1.7	104		1910		T853-A
Intake Pro / Rec:		.039-.047" V/REC (.991-1.194 MM)		Exhaust Pro / Rec:		.039-.047" V/REC (.991-1.194 MM)
Casting Numbers: Head #:40802, N840						
Notes: 1910 IND & TRACTOR, DIESEL/SHIBURA MANF.						
FORD	2.4	144		DEXTA		DEXTA
Intake Pro / Rec:		.059-.087" V/REC (1.499-2.210 MM)		Exhaust Pro / Rec:		.059-.087" V/REC (1.499-2.210 MM)
Notes: DIESEL, PERKINS ENGINE						
FORD	2.5	152		SUPER DEXTA		SUPER DEXTA
Intake Pro / Rec:		.059-.087" V/REC (1.499-2.210 MM)		Exhaust Pro / Rec:		.059-.087" V/REC (1.499-2.210 MM)
Notes: DIESEL, PERKINS, ALSO 2000 SUPER DEXTA						
FORD	2.6	158	D	2000 SERIES	61-75	2000 & 2600
New Height: 4.4970-4.5020" (114.224-114.351 MM)						
Intake Pro / Rec:		.059-.084" V/REC (1.499-2.134 MM)		Exhaust Pro / Rec:		.059-.084" V/REC (1.499-2.134 MM)
Casting Numbers: Head #:310100, C5NE6090D, C5NE-6090-O, C5NE-D, C5NE-G, C7NE-AE, C7NN6090AB, C7NN6090M, D5NN-AJ, D5NN-G, D5NN-K, D6JL-B, D6NN, E1NN-AA Block #: C5NE-T, C7NN6250E, C7NN-A						
Notes: DIESEL, 2000, 2600 SERIES TRACTORS						
Comments: *DO NOT INTERCHNG GAS & DIESEL EXHAUST VALVES. GAS ARE IDENTIFIED BY .18" DEPRESSION IN CENTER OF TOP FACE OF VALVE HEAD. DIESEL HAVE FLAT TOP.						
FORD	2.6	158	G	2000 SERIES	68-75	2000,3000,2600
New Height: 4.4970-4.5020" (114.224-114.351 MM)						
Casting Numbers: Block #:C5NE-T, C7NN6250E						
Notes: GAS, 2000, 3000, 2600 TRACTORS						
Comments: *DO NOT INTERCHNG GAS & DIESEL EXHAUST VALVES. GAS ARE IDENTIFIED BY .18" DEPRESSION IN CENTER OF TOP FACE OF VALVE HEAD. DIESEL HAVE FLAT TOP.						
FORD	2.9	175		TRACTOR		BSD-329
Intake Pro / Rec:		.060" V/REC (1.524 MM)		Exhaust Pro / Rec:		.060" V/REC (1.524 MM)
Notes: 336 DIESEL TRACTOR						

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
FORD				3 Cylinders		(cont.)
FORD	2.9	175	D	3000	61-75	3000,3500,3600
New Height:	4.4970-4.5020" (114.224-114.351 MM)					
Intake Pro / Rec:	.059-.084" V/REC (1.499-2.134 MM)			Exhaust Pro / Rec:	.059-.084" V/REC (1.499-2.134 MM)	
Casting Numbers:	Head #:310100, C5NE6090D, C5NE-6090-O, C5NE-G, C7NN-2, C7NN6090AB, C7NN-6090-AE, C7NN6090M, C7NN-6090-Y, C7NN-AB, D500-6, D5NN-6090-K, D5NN-AJ, D5NN-G, D5NN-K, D6JL-B, D6NN, E1NN-AA Block #: C5NE-T, C7NN6250E, D5NN-6015-F					
Notes:	3000, 3500, 3600 DIESEL TRACTOR					
Comments:	*DO NOT INTERCHNG GAS & DIESEL EXHAUST VALVES. GAS ARE IDENTIFIED BY .18" DEPRESSION IN CENTER OF TOP FACE OF VALVE HEAD. DIESEL HAVE FLAT TOP.					
FORD	2.9	175	G	2000	65-68	2000,3000,3600
New Height:	4.4970-4.5020" (114.224-114.351 MM)					
Intake Pro / Rec:	.059-.084" V/REC (1.499-2.134 MM)			Exhaust Pro / Rec:	.059-.084" V/REC (1.499-2.134 MM)	
Casting Numbers:	Head #:D3NN-6090-G, D5NN-6090-H Block #: C5NE-T, C7NN6250E, D5NN-6015-F					
Notes:	GAS 2000, 3000, 3600 TRACTOR 1965-5/68 4.200 STK					
Comments:	*DO NOT INTERCHNG GAS & DIESEL EXHAUST VALVES. GAS ARE IDENTIFIED BY .18" DEPRESSION IN CENTER OF TOP FACE OF VALVE HEAD. DIESEL HAVE FLAT TOP.					
FORD	3.0	183	D	4100		4100
New Height:	4.497-4.502" (114.224-114.351 MM)					
Intake Pro / Rec:	.059-.084" V/REC (1.499-2.134 MM)			Exhaust Pro / Rec:	.059-.084" V/REC (1.499-2.134 MM)	
Notes:	DIESEL, 4100 TRACTOR					
Comments:	*DO NOT INTERCHNG GAS & DIESEL EXHAUST VALVES. GAS ARE IDENTIFIED BY .18" DEPRESSION IN CENTER OF TOP FACE OF VALVE HEAD. DIESEL HAVE FLAT TOP.					
FORD	3.1	192	D	3910	80-89	3910
New Height:	4.4970-4.5020" (114.224-114.351 MM)					
Intake Pro / Rec:	.059-.084" V/REC (1.499-2.134 MM)			Exhaust Pro / Rec:	.059-.084" V/REC (1.499-2.134 MM)	
Casting Numbers:	Block #:87800081					
Notes:	DIESEL, 3910 TRACTOR					
FORD	3.1	192	G	4000 SERIES	80-89	4000
New Height:	4.4970-4.5020" (114.224-114.351 MM)					
Intake Pro / Rec:	.059-.084" V/REC (1.499-2.134 MM)			Exhaust Pro / Rec:	.059-.084" V/REC (1.499-2.134 MM)	
Notes:	GAS 4000 SERIES					
FORD	3.3	201		BSD-333	65-72	BSD-333
New Height:	4.5020" (114.351 MM)			Min Height:	4.4950" (114.173 MM)	
Intake Pro / Rec:	.059-.084" V/REC (1.499-2.134 MM)			Exhaust Pro / Rec:	.059-.084" V/REC (1.499-2.134 MM)	
Casting Numbers:	Head #:C5NE-6090-O, C5NN, C7NN-6090-AB, C7NN-AA, C7NN-AB, C7NN-BB, D5NN-6, D5NN-AJ, D5NN-G, D5NN-K, D6JL-B, D6NN, E1NN-AA, E1NN-AB Block #: C5NE-6015-T, C5NE-6015-V, C5NN-6015-T, C7NN-6015-T, D5NN-6015-G, E1NN-AA, E2NN, E5NN-6015-BA, E6NN-6015-BA					
Notes:	DIESEL TRACTOR					
FORD	3.3	201	D	555	75-90	BSD-333
New Height:	4.4970-4.5020" (114.224-114.351 MM)			Min Height:	N/A	
Intake Pro / Rec:	.059-.084" V/REC (1.499-2.134 MM)			Exhaust Pro / Rec:	.059-.084" V/REC (1.499-2.134 MM)	
Casting Numbers:	Head #:310100, C5NE6090D, C5NE-6090-O, C5NE-D, C5NE-G, C7NE-AE, C7NN-6090-AB, C7NN6090M, C7NN-AA, C7NN-AB, C7NN-BB, D5NN-6, D5NN-6090-K, D5NN-AJ, D5NN-G, D5NN-K, D6JL-B, D6NN, E1NN-AA Block #: C5NE-6015-T, C5NE-6015-V, C5NN-6015-T, C7NN-6015-T, D5NN-6015-G, E1NN-AA, E2NN					
Notes:	DIESEL, 555 BACKHOE, 4600, 4600SU					
Comments:	*DO NOT INTERCHNG GAS & DIESEL EXHAUST VALVES. GAS ARE IDENTIFIED BY .18" DEPRESSION IN CENTER OF TOP FACE OF VALVE HEAD. DIESEL HAVE FLAT TOP.					
FORD	3.3	201	G	535	65-72	BSG-333
New Height:	4.4970-4.5020" (114.224-114.351 MM)			Min Height:	N/A	
Casting Numbers:	Head #:C7NN-6090-AA, C7NN-AA, D3NN-6090-G, D5NN-6090-H Block #: C5NE-6015-C, C5NE-6015-T, C5NE-6015-V, C5NN-6015-T, C7NN-6015-T, C7NN-AK, D5NN-6015-G, D5NN-G, E1NN-AA, E2NN					
Notes:	535, 4000, 4600, 4600SU GAS TRACTORS					
Comments:	*DO NOT INTERCHNG GAS & DIESEL EXHAUST VALVES. GAS ARE IDENTIFIED BY .18" DEPRESSION IN CENTER OF TOP FACE OF VLV HEAD. DIESEL HAVE FLAT TOP.					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
FORD				4 Cylinders		
FORD	1.1	67		KSG 1.1	93-98	KSG 1.1
Intake Hgt:	1.5200-1.5790" (38.608-40.107 MM)			Exhaust Hgt:	1.5200-1.5790" (38.608-40.107 MM)	
Casting Numbers:	Head #:2703E, 2737-E, 37, 711L, 711M-AA, 711M-CA, 771M-AA, 771M-CA, 771M-FA, 7C30A, D18R22A Block #: 2737E-A, 691M-BA, 711-M, 711-M-6010-AA, 711-M-6015BA, 711-M-BA, 711M-BA, 711-M-CA, 711M-CA, 711M-DA, 771M-CA, D1FZ-A					
Notes:	OHV & INDUSTRIAL VGS411					
Comments:	ROCKER ARM RATIO 1.54:1					
FORD	1.1	67		VSG-411	84-88	VSG-411
Intake Hgt:	1.440-1.450"			Exhaust Hgt:	1.440-1.450"	
Casting Numbers:	Head #:86BM-6090-CC Block #: 86BM6015-BA					
Notes:	GAS, VSG-411 IND, ALSO USED IN TORO LAWNMOWERS					
FORD	1.3	81	H	FESTIVA,ASPIR	89-97	SOHC
New Height:	4.2280-4.2360" (107.391-107.594 MM)			Min Height:	4.2200" (107.188 MM)	
Intake Hgt:	1.5200-1.5590" (38.608-39.599 MM)			Exhaust Hgt:	1.5200-1.5590" (38.608-39.599 MM)	
Casting Numbers:	Head #:B301, B306, B3C1, MB301 Block #: B3, B-3					
Notes:	SOHC, MFI, MAZDA, FESTIVA, ASPIRE/(99H)					
FORD	1.3	81	K	FESTIVA	88-89	SOHC
New Height:	4.2280-4.2360" (107.391-107.594 MM)			Min Height:	4.220" (107.188 MM)	
Intake Hgt:	1.5200-1.5590" (38.608-39.599 MM)			Exhaust Hgt:	1.5200-1.5590" (38.608-39.599 MM)	
Casting Numbers:	Head #:301, B301, E8BZ-A Block #: B3					
Notes:	SOHC, 2BBL, MAZDA, FESTIVA					
FORD	1.6	98		INDUSTRIAL	78-93	VGS416
Intake Hgt:	1.5200-1.5790" (38.608-40.107 MM)			Exhaust Hgt:	1.5200-1.5790" (38.608-40.107 MM)	
Casting Numbers:	Head #:2703E, 2737-E, 37, 711L, 711M-AA, 711M-CA, 771M-AA, 771M-CA, 771M-FA, 7C30A, D18R22A Block #: 2737E-A, 691M-BA, 711-M, 711-M-6010-AA, 711-M-6015BA, 711-M-BA, 711M-BA, 711-M-CA, 711M-CA, 711M-DA, 771M-CA, D1FZ-A					
Notes:	OHV & INDUSTRIAL, KENT ENGINE					
Comments:	ROCKER ARM RATIO 1.54:1					
FORD	1.6	98		KSG 1.6	78-96	KSG 1.6
Intake Hgt:	1.5200-1.5790" (38.608-40.107 MM)			Exhaust Hgt:	1.5200-1.5790" (38.608-40.107 MM)	
Casting Numbers:	Head #:2703E, 2737-E, 37, 711L, 711M-AA, 711M-CA, 771M-AA, 771M-CA, 771M-FA, 7C30A, D18R22A Block #: 2737E-A, 691M-BA, 711-M, 711-M-6010-AA, 711-M-6015BA, 711-M-BA, 711M-BA, 711-M-CA, 711M-CA, 711M-DA, 771M-CA, D1FZ-A					
Notes:	OHV & INDUSTRIAL VGS413 ALSO					
Comments:	ROCKER ARM RATIO 1.54:1					
FORD	1.6	98		PINTO,FESTIVA	76-80	OHV
Intake Hgt:	1.329-1.359" (33.757-34.519 MM)			Exhaust Hgt:	1.329-1.359" (33.757-34.519 MM)	
Casting Numbers:	Head #:2737-E, 37, 711M-AA, 711M-CA, 771F-AA, 771M-AA, 771M-CA, 771M-FA, 7C30A, D18R22A, T15 Block #: 2737E-A, 691M-BA, 711-M, 711-M-6015BA, 711-M-BA, 711M-BA, 711-M-CA, 711M-CA, 711M-DA, 771M-CA, 81SM-BNA, D1FZ-A					
Notes:	OHV PINTO, FESTIVA					
FORD	1.6	98	2	ESCORT	81-82	CVH
New Height:	5.0800" (129.032 MM)			Min Height:	5.0550" (128.397 MM)	
Intake Hgt:	1.8700-1.9000" (47.498-48.26 MM)			Exhaust Hgt:	1.8700-1.9000" (47.498-48.26 MM)	
Casting Numbers:	Head #:81SM-A4E, 81SM-A8E, E1EE-A4B, E1EE-A4C, E1EE-A5C, E1EE-A6C, E1EE-A8B, E1EE-A8C, E1EE-BB, E3EE-A4A, E3EE-A7A Block #: E1EE-A8C, E1EE-DD, E1EE-DE, E3EE-A, E3EE-AA					
Notes:	ESCORT, 2BBL CARB					
Comments:	VALVE STEM END REFACE LIMIT .010					
FORD	1.6	98	2	ESCORT	83-85	CVH
New Height:	5.0800" (129.032 MM)			Min Height:	5.0500" (128.27 MM)	
Intake Hgt:	1.8700-1.9000" (47.498-48.26 MM)			Exhaust Hgt:	1.8700-1.9000" (47.498-48.26 MM)	
Casting Numbers:	Head #:E1EE-A4C, E1EE-A5C, E1EE-A6C, E1EE-A8C, E1EE-A8C, E1EE-BB, E3EE-A4A, E3EE-A7A Block #: D1FZ-A, E1EE-A8C, E1EE-DD, E1EE-DE, E3EE-A, E3EE-AA					
Notes:	ESCORT, 2BBL CARB					
Comments:	VALVE STEM END REFACE LIMIT .010					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
FORD 4 Cylinders (cont.)						
FORD	1.6	98	4	ESCORT	83-85	CVH
New Height:	5.0800" (129.032 MM)			Min Height:	5.0550" (128.397 MM)	
Intake Hgt:	1.8700-1.9000" (47.498-48.26 MM)			Exhaust Hgt:	1.8700-1.9000" (47.498-48.26 MM)	
Castings Numbers:	Head #: E1EE-A4C, E1EE-A5C, E1EE-A6C, E1EE-A8C, E1EE-BB, E3EE-A4A, E3EE-A7A, E3EE-A9A Block #: E1EE-A8C, E1EE-DD, E1EE-DE, E3EE-A, E3EE-AA					
Notes:	ESCORT, 2 BBL CARB, HO					
Comments:	VALVE STEM END REFACE LIMIT .010					
FORD	1.6	98	5	ESCORT	83-85	CVH
New Height:	5.0800" (129.032 MM)			Min Height:	5.0550" (128.397 MM)	
Intake Hgt:	1.8700-1.9000" (47.498-48.26 MM)			Exhaust Hgt:	1.8700-1.9000" (47.498-48.26 MM)	
Castings Numbers:	Head #: 81SM, E1EE-A4C, E1EE-A5C, E1EE-A6C, E1EE-A8C, E1EE-BB, E3EE-A4A, E3EE-A7A, E3EE-A8A, E3EE-A9A Block #: E1EE-A8C, E1EE-DD, E1EE-DE, E3EE-A, E3EE-AA					
Notes:	ESCORT, EFI					
Comments:	VALVE STEM END REFACE LIMIT .010					
FORD	1.6	98	5	TRACER	87-92	
New Height:	4.2280-4.2360" (107.391-107.594 MM)			Min Height:	4.2200" (107.188 MM)	
Intake Hgt:	1.5350-1.5750" (38.989-40.005 MM)			Exhaust Hgt:	1.5350-1.5750" (38.989-40.005 MM)	
Castings Numbers:	Head #: 630, 830, B301, B61K, G30 Block #: 6, B6					
Notes:	MFI, SOHC, MAZDA, TRACER					
Comments:	* 88-> USES HLC'S.					
FORD	1.6	98	6	CAPRI,TRACER	91-94	DOHC
New Height:	5.2680-5.2767" (133.807-134.028 MM)			Min Height:	5.2677" (133.8 MM)	
Intake Hgt:	1.7320-1.7720" (43.993-45.009 MM)			Exhaust Hgt:	1.7320-1.7720" (43.993-45.009 MM)	
Castings Numbers:	Head #: 6, BP01 Block #: B6, B-6E					
Notes:	DOHC, TURBO, MFI, CAPRI, TRACER					
FORD	1.6	98	7	ESCORT	83-85	CVH
New Height:	5.080" (129.032 MM)			Min Height:	5.050" (128.27 MM)	
Intake Hgt:	1.8700-1.9000" (47.498-48.26 MM)			Exhaust Hgt:	1.8700-1.9000" (47.498-48.26 MM)	
Castings Numbers:	Head #: 81SM, E1EE-A4C, E1EE-A5C, E1EE-A6C, E1EE-A8C, E1EE-BB, E3EE-A4A, E3EE-A7A Block #: E1EE-A8C, E1EE-DD, E1EE-DE, E3EE-A, E3EE-AA					
Notes:	ESCORT METHANOL					
Comments:	STEM END REFACE LIMIT .010					
FORD	1.6	98	7	ESCORT,TRACE	88-88	
New Height:	4.228-4.236" (107.391-107.594 MM)			Min Height:	4.220" (107.188 MM)	
Intake Hgt:	1.5350-1.5750" (38.989-40.005 MM)			Exhaust Hgt:	1.5350-1.5750" (38.989-40.005 MM)	
Notes:	2BC MAZDA BUILT					
FORD	1.6	98	8	ESCORT,TURB	83-85	CVH
New Height:	5.0800" (129.032 MM)			Min Height:	5.0550" (128.397 MM)	
Intake Hgt:	1.8700-1.9000" (47.498-48.26 MM)			Exhaust Hgt:	1.8700-1.9000" (47.498-48.26 MM)	
Castings Numbers:	Head #: 81SM, E1EE-A4C, E1EE-A5C, E1EE-A6C, E1EE-A8C, E1EE-BB, E3EE-A4A, E3EE-A7A, E3EE-A9A Block #: 81SM-BNA, E1EE-DD, E1EE-DE, E3EE-A, E3EE-AA, E4EE					
Notes:	EFI, TURBO, ESCORT					
Comments:	STEM END REFACE LIMIT .010					
FORD	1.6	98	W	PINTO,CAPRI	70-73	OHV
Intake Hgt:	1.3290-1.3590" (33.757-34.519 MM)			Exhaust Hgt:	1.3290-1.3590" (33.757-34.519 MM)	
Castings Numbers:	Head #: 2737-E, 37, 711M-AA, 711M-CA, 771M-AA, 771M-CA, 771M-FA Block #: 2737E-A, 691M-BA, 711-M, 711-M-6015BA, 711-M-BA, 711M-BA, 711-M-CA, 711M-DA, D1FZ-A					
Notes:	OHV, PINTO, CAPRI					
FORD	1.6	98	Z	CAPRI	91-94	DOHC
New Height:	5.2680-5.2767" (133.807-134.028 MM)			Exhaust Hgt:	1.7130-1.7530" (43.51-44.526 MM)	
Intake Hgt:	1.7130-1.7530" (43.51-44.526 MM)					
Castings Numbers:	Head #: 6, BP01 Block #: B6					
Notes:	DOHC, MFI, CAPRI					
FORD	1.8	110	A	COURIER	72-78	
New Height:	4.3030" (109.296 MM)			Min Height:	4.290" (108.966 MM)	
Intake Hgt:	1.6010-1.6410" (40.665-41.681 MM)			Exhaust Hgt:	1.4921-1.5221" (37.899-38.661 MM)	
Castings Numbers:	Head #: 0304, 3906 Block #: VB, VC					
Notes:	MAZDA, COURIER ONLY, TIMING CHAIN					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
FORD				4 Cylinders (cont.)		
FORD	1.8	112	8	ESCORT,TRACE	91-98	DOHC
New Height:	5.2681-5.2759" (133.81-134.008 MM)			Min Height:	5.2677" (133.8 MM)	
Intake Hgt:	1.7539-1.7894" (44.549-45.451 MM)*			Exhaust Hgt:	1.7539-1.7894" (44.549-45.451 MM)*	
 Casting Numbers:	Head #:BP05, BP05122, BP056-2 Block #: BP					
Notes:	MFI, DOHC, 16V, ESCORT/TRACER, MAZDA/ (998)					
Comments:	*MEASURED WITH THE SHIM INSTALLED					
FORD	1.9	116	2	ESCORT	87-96	CVH
New Height:	5.0800" (129.032 MM)			Min Height:	5.0550" (128.397 MM)	
Intake Hgt:	1.9400-1.9700" (49.276-50.038 MM)			Exhaust Hgt:	1.8700-1.9000" (47.498-48.26 MM)	
 Casting Numbers:	Head #:E5EE-A4E, E5EE-A5E, E5EE-A6E, E5EE-A7E, E5EE-AF, E5EE-AH, E5EE-BB, E5EE-F4A, E5EE-FA, E5EE-FB, E7EE-A, E7EE-D4C, E7EE-D7C, E7EE-D7E, E7EE-G4A, E7EE-G4E, E7EE-G7A, E7EE-GB, E7EE-GC, E8EE-A7A, F0EE-B7A, RFF0EE-B7A Block #: E5EE-AA, E5EE-BE, E7EE-BB, E7EE-FA, E8EE-AA, F0CE					
Notes:	EFI, ESCORT					
Comments:	* EITHER VALVE MAY BE USED IN 1987-90 ENGINES.					
FORD	1.9	116	9	ESCORT	86-90	CVH
New Height:	5.0800" (129.032 MM)			Min Height:	5.0550" (128.397 MM)	
Intake Hgt:	1.9400-1.9700" (49.276-50.038 MM)			Exhaust Hgt:	1.8700-1.9000" (47.498-48.26 MM)	
 Casting Numbers:	Head #:E5EE-A4E, E5EE-A5E, E5EE-A6E, E5EE-A7E, E5EE-AF, E5EE-AH, E5EE-BB, E5EE-F4A, E5EE-FA, E5EE-FB, E7EE-A, E7EE-A7A, E7EE-D4C, E7EE-D4F, E7EE-D7C, E7EE-D7E, E7EE-D7F, E7EE-G4A, E7EE-G4E, E7EE-G7A, E7EE-GB, E7EE-GC, E8EE-A7A, E8EE-AA Block #: E5EE-AA, E5EE-BE, E7EE-BB, E7EE-FA, E8EE-AA					
Notes:	EFI, ESCORT, ROLLER CAM					
Comments:	INTAKE SPRING HAS THE SHIELDS					
FORD	1.9	116	J		86-96	CVH
New Height:	5.0800" (129.032 MM)			Min Height:	5.0550" (128.397 MM)	
Intake Hgt:	1.9400-1.9700" (49.276-50.038 MM)			Exhaust Hgt:	1.8700-1.9000" (47.498-48.26 MM)	
 Casting Numbers:	Head #:E5EE-A4E, E5EE-A5E, E5EE-A6E, E5EE-A7E, E5EE-AF, E5EE-AH, E5EE-BB, E5EE-F4A, E5EE-F7A, E5EE-FA, E5EE-FB, E7EE-A, E7EE-D4C, E7EE-D7C, E7EE-D7E, E7EE-G4A, E7EE-G4D, E7EE-G4E, E7EE-G7A, E7EE-G7C, E7EE-G7D, E7EE-GB, E7EE-GC, E8EE-A7A, E8EE-AA, F0EE-A7E, F0EE-B7A Block #: E5EE-AA, E5EE-BE, E7EE-BB, E7EE-FA, E8EE-AA, F0CE-AB					
Notes:	EFI, PFI IN 90->, ROLLER CAM					
Comments:	CARB ENGINE HEAD HAS DAMPER ON THE INTAKE VALVE. *CARB ENGINE VALVE HEAD DIAM: INT 1.650-1.660, EXH 1.420-1.500 ** 1995 - 39.3 CC					
FORD	2.0	122		TC40	93-04	N844
Intake Pro / Rec:	.033-.045" V/REC (.850-1.150 MM) *			Exhaust Pro / Rec:	.033-.045" V/REC (.850-1.150 MM) *	
Notes:	1920, TC 40, IND & TRACTOR, DIESEL, SHIBURA					
Comments:	* MAX VALVE RECESSON .071" (1.800 MM) INTAKE & EXHAUST					
FORD	2.0	122	1		81-82	
New Height:	4.2900" (108.966 MM)			Min Height:	4.2680" (108.407 MM)	
 Casting Numbers:	Head #:0304 Block #: VB					
Notes:	MAZDA, TYPE MB, COURIER ONLY					
FORD	2.0	122	3	CONTOUR	95-05	ZETEC
New Height:	5.2300-5.2360" (132.842-132.994 MM)			Min Height:	5.2250" (132.715 MM)	
Intake Hgt:	1.6700-1.6800"			Exhaust Hgt:	1.6700-1.6800" **	
 Casting Numbers:	Head #:948M6090R12, 948M-6090R12, RF948M-6090R72, RF94AM-6090R7, RF94AM6090R72, RF958M6090CA, RF958M-6090CA, RF958M6090R72, RF978M6090R74, RF978M6090R75, RF984M-6090R7, RF984M6090R72, RFXF7E6090AE, RFYS4E6090EA Block #: RF948M6015R63, RF948M6015R69					
Notes:	DOHC, CONTOUR, FOCUS, MYSTIQUE, COUGAR, ESCORT ZX2					
Comments:	** INSTALLED STEM HEIGHT IS MEASURED WITHOUT SHIM OR VALVE SEAL.					
FORD	2.0	122	A	PROBE	93-97	
New Height:	4.8996-4.9035" (124.45-124.549 MM)			Min Height:	4.8936" (124.297 MM)	
Intake Hgt:	1.5350-1.5550" (38.989-39.497 MM)			Exhaust Hgt:	1.5350-1.5550" (38.989-39.497 MM)	
 Casting Numbers:	Head #:232-42, FS-07, FS2, FS-2 Block #: FS, PB4					
Notes:	DOHC, MFI, 16V, PROBE/ (993)					
FORD	2.0	122	C	COURIER	79-80	
New Height:	3.8150" (96.901 MM)			Min Height:	3.7950" (96.393 MM)	
 Casting Numbers:	Head #:0304 Block #: VB					
Notes:	SOHC, MAZDA, TYPE MB, COURIER ONLY					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
FORD				4 Cylinders (cont.)		
FORD	2.0	122	C	RANGER	83-88	
New Height:	3.7800-3.7900" (96.012-96.266 MM)					
Intake Hgt:	1.9700-2.0000" (50.038-50.8 MM)			Exhaust Hgt:	1.9700-2.0000" (50.038-50.8 MM)	
Castings Numbers:	Head #:E27E-DA, E27E-FB, E37E-DA, E37E-DA, E67E, E67E-AB, E69E-AB, E87E-AB Block #: E27E-AA, E27E-BA, E37E-BA, E37E-BC					
Notes:	SOHC, RANGER					
Comments:	* 1987-88 VALVE SPRINGS: 128-142# @ 1.120					
FORD	2.0	122	C	RANGER	84-85	
New Height:	3.7800-3.7900" (96.012-96.266 MM)					
Intake Hgt:	1.9700-2.0000" (50.038-50.8 MM)			Exhaust Hgt:	1.9700-2.0000" (50.038-50.8 MM)	
Castings Numbers:	Head #:E27E-DA, E27E-FB, E37E-DA, E67E, E67E-AB, E69E-AB, E87E-AB Block #: E27E-AA, E27E-BA, E37E-BA					
Notes:	SOHC, RANGER					
FORD	2.0	122	H	ESCORT	84-87	
New Height:	5.2770-5.2900" (134.036-134.366 MM)			Min Height:	5.2770" (134.036 MM)	
Intake Pro / Rec:	.029-.050" V/REC (.737-1.27 MM)			Exhaust Pro / Rec:	.029-.050" V/REC (.737-1.27 MM)	
Castings Numbers:	Head #:4, 6, RF66					
Notes:	DIESEL, MAZDA, ESCORT					
FORD	2.0	122	N	PINTO	71-74	
New Height:	3.7250-3.7300" (94.615-94.742 MM)					
Intake Hgt:	1.6700-1.7000" (42.418-43.18 MM)			Exhaust Hgt:	1.6700-1.7000" (42.418-43.18 MM)	
Castings Numbers:	Head #:70HM, 70HM-6015NA, 70HM-6015-NA, 70HM-NA, D1FZ Block #: 70HM-6015-BA, 70HM-BA, D1FZ-B					
Notes:	SOHC, PINTO					
Comments:	** ROCKER RATIO 1.60:1					
FORD	2.0	122	P	ESCORT	97-03	SPI
New Height:	5.0750-5.0850" (128.905-129.159 MM)			Min Height:	5.065" (128.651 MM)	
Intake Hgt:	1.8650-1.8900" * (47.371-48.006 MM)			Exhaust Hgt:	1.8650-1.8900" * (47.371-48.006 MM)	
Castings Numbers:	Head #:F7CE-AA, RFYS4E6090EA, YS4F6090-CC Block #: F7CE-AA, F8CE-AA					
Notes:	SOHC, 8 VALVE TRACER, ESCORT, FOCUS, SFI					
Comments:	* WITH SEAL INSTALLED, WE HAVE SEEN ON THE EXHAUST 1.810-1.820" *** STICKS WITH CARBON ON THE MIN CLEARANCE SIDE WITH-OUT THE FORD GASOLINE ADDITIVE THAT REDUCES CARBON BUILDUP. #3111 03-17-03 MC					
FORD	2.0	122	X	PINTO	74-74	
Intake Hgt:	1.4540-1.4840" (36.932-37.694 MM)			Exhaust Hgt:	1.4540-1.4840" (36.932-37.694 MM)	
Castings Numbers:	Head #:70HM, 70HM-6015NA, 70HM-6015-NA, 70HM-NA, D1FZ Block #: 70HM-6015-BA, 70HM-BA, D1FZ-B					
Notes:	SOHC, PINTO					
FORD	2.0	122	Z	CONTOUR	96-00	ZETEC-CNG
New Height:	5.2300-5.2360" (132.842-132.994 MM)			Min Height:	5.2250" (132.715 MM)	
Intake Hgt:	1.7050-1.7150" (43.307-43.561 MM) *			Exhaust Hgt:	1.7050-1.7150" (43.307-43.561 MM) *	
Castings Numbers:	Head #:RF948M6090R72, RF94AM6090R72, RF958M6090CA, RF958M6090R72, RF984M6090R72					
Notes:	DOHC, 16V, CONTOUR, MYSTIQUE, 97+ MECH					
Comments:	* INSTALLED STEM HEIGHT IS MEASURED WITHOUT SHIM ON VALVE SEAL INSTALLED.					
FORD	2.2	133	C	PROBE	89-92	
New Height:	3.6200-3.6240" (91.948-92.05 MM)			Min Height:	3.6120" (91.745 MM)	
Intake Hgt:	1.9760-2.0080" (50.19-51.003 MM)			Exhaust Hgt:	1.9760-2.0080" (50.19-51.003 MM)	
Castings Numbers:	Head #:F201, F220 Block #: F2					
Notes:	EFI, MAZDA, PROBE, 12 VALVE					
FORD	2.2	133	L	PROBE	89-92	
New Height:	3.6200-3.6240" (91.948-92.05 MM)			Min Height:	3.6120" (91.745 MM)	
Intake Hgt:	1.9760-2.0080" (50.19-51.003 MM)			Exhaust Hgt:	1.9760-2.0080" (50.19-51.003 MM)	
Castings Numbers:	Head #:F201, F220 Block #: F2					
Notes:	EFI, TURBO, MAZDA, PROBE, 12 VALVE					
FORD	2.2	134		TRACTORS, NA	54-60	
New Height:	3.8950" (98.933 MM)					
Intake Hgt:	2.0850-2.1150" (52.959-53.721 MM)			Exhaust Hgt:	1.9350-1.9650" (49.149-49.911 MM)	
Castings Numbers:	Head #:EAE, EAE-E, EAE-F, EAE-H, EAF, EAF-E Block #: 905, C0NN-G, EAE, EAE-F, NAA					
Notes:	NAA, 600, 700 GAS TRACTOR					
Comments:	TRACTOR & INDUSTRIAL					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
FORD				4 Cylinders (cont.)		
FORD	2.2	134	P		83-84	
New Height:	3.250-3.253" (82.55-82.626 MM)			Min Height:	3.250" (82.55 MM)	
Intake Hgt:	1.8900-1.9490" (48.006-49.505 MM)			Exhaust Hgt:	1.8900-1.9490" (48.006-49.505 MM)	
Intake Pro / Rec:	.040-.060" V/REC (1.016-1.524 MM)			Exhaust Pro / Rec:	.035-.055" V/REC (.889-1.397 MM)	
Casting Numbers:	Head #:S-21					
Notes:	DIESEL, MAZDA					
FORD	2.2	135		TC45		N844L
Intake Pro / Rec:	.033-.045" V/REC (.850-1.150 MM) *			Exhaust Pro / Rec:	.033-.045" V/REC (.850-1.150 MM) *	
Notes:	DIESEL					
Comments:	* MAX VALVE RECESSON .071" (1.800 MM) INTAKE & EXHAUST.					
FORD	2.3	138		T854-B		T854-B
Intake Pro / Rec:	.039-.047" V/REC (.991-1.194 MM)			Exhaust Pro / Rec:	.039-.047" V/REC (.991-1.194 MM)	
Notes:	DIESEL/SHIBURA					
FORD	2.3	138	T854B	2110		
Intake Pro / Rec:	.039-.079" V/REC (.991-2.007 MM)			Exhaust Pro / Rec:	.039-.079" V/REC (.991-2.007 MM)	
Notes:	DIESEL,2110 & 2120 TRACTOR					
FORD	2.3	140		LRG423	95-01	LRG423
New Height:	3.7800-3.7900" (96.012-96.266 MM)					
Intake Hgt:	2.060-2.070"			Exhaust Hgt:	2.060- 2.070"	
Casting Numbers:	Head #:F5JL60905A Block #: 6015AL, D42E, D42E-AJ, D42E-AL, D42E-AM, D4F2601QA, D4ZE-AL, D6AA-AA, D6EE-AA, D8EE-BA, D8EE-ED, D9EE-BA, D9ZE-AA					
Notes:	DISTRIBUTORLESS, 7 MM VALVES					
FORD	2.3	140		LSG423		LSG423
New Height:	3.7800-3.7900" (96.012-96.266 MM)					
Intake Hgt:	1.9350-1.9650" (49.149-49.911 MM)			Exhaust Hgt:	1.9350-1.9650" (49.149-49.911 MM)	
Casting Numbers:	Head #:D42E, D42E-AE, D42E-AF, D42E-AH, D42E-AL, D42E-BC, D42E-BG, D4FZ6049A, D4FZ6049D, D4FZ609A, D4FZ609B, D4FZ-A, D4ZE, D4ZE-BC, D5FZ-C, D6EE, D6EE-AA, D7EE-BB, D7EE-CB, D7FZ-C, D9EE-JC, E1AE-AD, E1BE, E1BE-AC, E1BE-AD, E27E-DA Block #: 6015AL, D42E, D42E-AJ, D42E-AL, D42E-AM, D4F2601QA, D4ZE-AL, D6AA-AA, D6EE-AA, D8EE-BA, D8EE-ED, D9EE-BA, D9ZE-AA					
Notes:	INDUSTRIAL/MARINE					
FORD	2.3	140	2		81-82	
New Height:	3.7800-3.7900" (96.012-96.266 MM)					
Intake Hgt:	1.9350-1.9650" (49.149-49.911 MM)			Exhaust Hgt:	1.9350-1.9650" (49.149-49.911 MM)	
Casting Numbers:	Head #:D42E, D42E-AE, D42E-AF, D42E-AH, D42E-AL, D42E-BC, D42E-BG, D4FZ6049A, D4FZ6049D, D4FZ609A, D4FZ609B, D4FZ-A, D4ZE, D4ZE-BC, D5FZ-C, D6EE, D6EE-AA, D7EE-BB, D7EE-CA, D7EE-CB, D7FZ-C, D8EE-CA, D9EE-JC, E1AE-AD, E1BE, E1BE-AC, E1BE-AD, E27E-DA Block #: 6015AL, D42E, D42E-AJ, D42E-AL, D42E-AM, D4F2601QA, D4ZE-AL, D6AA-AA, D6EE-AA, D8EE-BA, D8EE-ED, D9EE-BA, D9ZE-AA					
Notes:	OHC					
Comments:	* 82 COURIER V/SPRINGS = 157-175# @1.160					
FORD	2.3	140	A		80-84	
New Height:	3.7800-3.7900" (96.012-96.266 MM)					
Intake Hgt:	1.9700-2.0000" (50.038-50.8 MM)			Exhaust Hgt:	1.9700-2.0000" (50.038-50.8 MM)	
Casting Numbers:	Head #:D42E, D42E-AE, D42E-AF, D42E-AH, D42E-AL, D42E-BC, D42E-BG, D42E-EA, D4FZ-A, D4ZE, D5FZ-C, D6EE, D6EE-AA, D7EE, D7EE-CA, D7EE-CB, D8EE, D8EE-CA, D9EE, D9EE-AA, D9EE-JB, D9EE-JC, E1BE, E1BE-AC, E1BE-AD, E27E-DA, E4ZE-DA Block #: D42E-AL, D42E-AM, D4ZE-AL, D6EE-AA, D8EE-BA, D8EE-ED, D9EE-BA, D9ZE-AA, E3ZE-DC, E3ZE-EA, E59E-BA					
Notes:	OHC					
FORD	2.3	140	A		85-88	
New Height:	3.7800-3.7900" (96.012-96.266 MM)					
Intake Hgt:	1.9350-1.9650" (49.149-49.911 MM) *			Exhaust Hgt:	1.9350-1.9650" (49.149-49.911 MM) *	
Casting Numbers:	Head #:E1AE-AD, E1BE, E1BE-AC, E1BE-AD, E27E-DA, E3TE, E4ZE-DA, E59E, E59E-GB, E5ZE-EA, E69E, E69E-AB, E8SE-AB Block #: E3ZE-DC, E3ZE-DE, E3ZE-EA, E59E-BA, E69E-AA, E7ZE-BA, E89E-AD, E8PE-BA, E8ZE-CA					
Notes:	TBI, MFI, OHC/1989-90 PASSENGER CAR ALSO					
Comments:	* HAVE SEEN 2.000-2.012"					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
FORD						4 Cylinders (cont.)
FORD	2.3	140	A		89-98	
New Height:	3.7800-3.7900" (96.012-96.266 MM)			Min Height:	Not Supplied by OE	
Intake Hgt:	1.9350-1.9650" *			Exhaust Hgt:	1.9350-1.9650" *	
Castings Numbers:	Head #: E89E-AA, E89E-AB, E89E-GB, E97E-BA, F27E-A11A, F27E-A11B, F57E-E11C Block #: E7ZE-BA, E89E-AD, F57E-6015-DF, F57E-DE, F57E-DF, F57E-DG					
Notes:	OHC, MFI/TBI, TRK DUAL PLUG, CAR SINGLE PLUG 91-94					
Comments:	SPRING HEIGHTS HAVE BEEN VARYING, CHECK DRY LASH, MEASURE FROM THE CAM COVER SURFACE TO THE TIP OF THE VALVE 1.400" #2605 12-13-02 MC * 1995-98 2.060-2.070" INSTALLED VALVE STEM HGT. ** 57-63 LBS @ 1.560" *** 118-132 LBS @ 1.160					
FORD	2.3	140	B		76-80	
New Height:	3.7800-3.7900" (96.012-96.266 MM)			Exhaust Hgt:	1.9350-1.9650" (49.149-49.911 MM)	
Intake Hgt:	1.9350-1.9650" (49.149-49.911 MM)					
Castings Numbers:	Head #: D42E, D42E-AE, D42E-AF, D42E-AH, D42E-AL, D42E-BC, D42E-BG, D4FZ6049A, D4FZ6049D, D4FZ609A, D4FZ609B, D4FZ-A, D4ZE, D4ZE-BC, D5FZ-C, D6EE, D6EE-AA, D7EE, D7EE-BB, D7EE-CB, D7FZ-C, D8EE, D9EE, D9EE-JC, E1AE-AD, E1BE, E1BE-AC, E1BE-AD, E4ZE-DA Block #: 6015AL, D42E, D42E-AJ, D42E-AL, D42E-AM, D42E-BB, D42E-BC, D4F2601QA, D4ZE-AL, D6AA-AA, D6EE-AA, D8EE-BA, D8EE-ED, D9EE-BA, D9ZE-AA					
Notes:	OHC					
FORD	2.3	140	E		85-87	
New Height:	3.7000-3.7050" (93.98-94.107 MM)			Min Height:	3.6960" (93.878 MM)	
Intake Pro / Rec:	.040-.050" V/PRO (1.016-1.27 MM)			Exhaust Pro / Rec:	.040-.050" V/PRO (1.016-1.27 MM)	
Castings Numbers:	Head #: H-1332, H-1332 Block #: AE7488, AE7498					
Notes:	MMC, DIESEL, TURBO					
FORD	2.3	140	M		91-93	
New Height:	3.800-3.8100" (96.52-96.774 MM)			Exhaust Hgt:	1.9650-1.9900" (49.911-50.546 MM)	
Intake Hgt:	1.9650-1.9900" (49.911-50.546 MM)					
Castings Numbers:	Head #: E89E-AA, E89E-AB, E97E-BA, F27E-A11A, F27E-A11B, F29E-A11B Block #: E89E-AD					
Notes:	MFI, OHC, ROLLER CAM					
Comments:	ROLLER ROCKERS					
FORD	2.3	140	R		83-86	
New Height:	2.9500-2.9600" (74.93-75.184 MM)			Exhaust Hgt:	1.9200-1.9500" (48.768-49.53 MM)	
Intake Hgt:	1.9200-1.9500" (48.768-49.53 MM)					
Castings Numbers:	Head #: E43E, E43E-AH, E43E-AJ, E43E-J, E43Z-A1, E53E, E73E-CA Block #: E43E-A3E					
Notes:	HSC, OHV, CARB					
Comments:	* MEASURED AT LONG HEAD BOLT BOSS-DECK					
FORD	2.3	140	S		85-86	
New Height:	2.9500-2.9600" (74.93-75.184 MM) *			Exhaust Hgt:	1.9200-1.9500" (48.768-49.53 MM)	
Intake Hgt:	1.9200-1.9500" (48.768-49.53 MM)					
Castings Numbers:	Head #: E43E, E43E-AJ, E43E-J, E53E Block #: E43E-A3E					
Notes:	HSC, OHV, EFI					
Comments:	* MEASURED AT LONG HEAD BOLT BOSS-DECK					
FORD	2.3	140	S	TEMPO	85-91	
New Height:	2.9500-2.9600" (74.93-75.184 MM) *			Exhaust Hgt:	1.9200-1.9500" (48.768-49.53 MM)	
Intake Hgt:	1.9200-1.9500" (48.768-49.53 MM)					
Castings Numbers:	Head #: E43E, E43E-AJ, E43E-J, E53E, E53E-AA, E73E-BA, E73E-CA, E83E, E83E-B11B, E83E-B3B, E83E-D11B, E83E-D3B, F13E, F13E-A3A, F15E-A3A Block #: E43E-A3E, E73E, E83E-D11B, E83E-D3B, F23E					
Notes:	HSC, OHV, EFI, HO TEMPO					
Comments:	* MEASURED AT LONG HEAD BOLT BOSS-DECK					
FORD	2.3	140	T		80-87	
New Height:	3.7800-3.7900" (96.012-96.266 MM)			Exhaust Hgt:	1.9350-1.9650" (49.149-49.911 MM)	
Intake Hgt:	1.9350-1.9650" (49.149-49.911 MM)					
Castings Numbers:	Head #: D42E, D42E-AE, D9EE-AA, D9EE-BA, D9EE-JB, D9EE-JC, D9ZE-AA, E1AE-AD, E1BE, E1BE-AC, E1BE-AD, E1ZE-, E27E-DA, E3TE, E3ZE-AB, E4DE-AA, E4EE-BA, E4OE-AA, E4ZE-DA, E59E, E5ZE-EA, E6ZE-AB, E7SE-BA Block #: D42E-AL, D42E-AM, D4ZE-AL, D6EE-AA, D8EE-BA, D8EE-ED, D9EE-BA, D9ZE-AA, E3ZE-AE, E3ZE-DA, E3ZE-DC					
Notes:	TURBO, OHC, EFI IN 1981-86, 2BC IN 1980					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
FORD						4 Cylinders (cont.)
FORD	2.3	140	W		79-80	
New Height:	3.7800-3.7900" (96.012-96.266 MM)					
Intake Hgt:	1.9350-1.9650" (49.149-49.911 MM)			Exhaust Hgt:	1.9350-1.9650" (49.149-49.911 MM)	
Casting Numbers:	Head #: D42E-AE, D42E-AF, D42E-AH, D42E-AL, D6EE-AA, D7EE-BB, D7EE-CA, D7EE-CB, D7FZ-C, D8EE-CA, D9EE-JC Block #: D42E-AL, D42E-AM, D4ZE-AL, D6AA-AA, D6EE-AA, D7EE-, D8EE-BA, D8EE-ED, D9EE-BA, D9ZE-AA					
Notes:	OHC, TURBO					
FORD	2.3	140	W		83-88	
New Height:	3.7800-3.7900" (96.012-96.266 MM)					
Intake Hgt:	1.9350-1.9650" (49.149-49.911 MM)			Exhaust Hgt:	1.9350-1.9650" (49.149-49.911 MM)	
Casting Numbers:	Head #: E1BE-AD, E3TE, E4DE-AA, E4DZ-AA, E4OE-AA, E4ZE-DA, E59E, E5ZE, E5ZE-EA, E69E-AB, E6ZE, E6ZE-AB, E7SE-BA Block #: D4ZE-AL, D8EE-ED, D9EE-BA, E3ZE-DA, E3ZE-DC, E59E-BA, E89E-AD					
Notes:	OHC, TURBO, 83-86 EFI, 87-88 MFI, 1990 PASS CAR					
FORD	2.3	140	X		85-86	
New Height:	2.9500-2.9600" (74.93-75.184 MM) *					
Intake Hgt:	1.9200-1.9500" (48.768-49.53 MM)			Exhaust Hgt:	1.9200-1.9500" (48.768-49.53 MM)	
Casting Numbers:	Head #: E43E, E43E-AH, E43E-AJ, E43E-J, E43Z-A1, E53E, E73E-AA, E73E-BA, E73E-CA Block #: E43E-A3E, E73E					
Notes:	OHV, HSC, EFI					
Comments:	* MEASURED AT LONG HEAD BOLT BOSS-DECK					
FORD	2.3	140	Y		74-75	
New Height:	3.7800-3.7900" (96.012-96.266 MM)					
Intake Hgt:	1.9350-1.9650" (49.149-49.911 MM)			Exhaust Hgt:	1.9350-1.9650" (49.149-49.911 MM)	
Casting Numbers:	Head #: D42E, D42E-AE, D42E-AF, D42E-AH, D42E-AL, D42E-BC, D42E-BG, D4FZ6049A, D4FZ6049D, D4FZ609A, D4FZ609B, D4FZ-A, D4ZE, D4ZE-BC, D5FZ-C, D6EE, D6EE-AA, D7EE-BB, D7EE-CA, D7EE-CB, D7FZ-C, D8EE-CA, D9EE-JC Block #: D42E-AL, D6EE-AA, D7EE-, D8EE-BA, D8EE-ED, D9ZE-AA					
Notes:	OHC					
Comments:	* 1974 VALVE SPRINGS = 199-221# @ 1.160 ** ROCKER RATIO 1.65:1					
FORD	2.3	140	Y		76-79	
New Height:	3.7800-3.7900" (96.012-96.266 MM)					
Intake Hgt:	1.9350-1.9650" (49.149-49.911 MM)			Exhaust Hgt:	1.9350-1.9650" (49.149-49.911 MM)	
Casting Numbers:	Head #: D42E, D6EE, D7EE, D7EE-BB, D7EE-CB, D7FZ-C, D8EE, D9EE, D9EE-JC Block #: D42E-AM, D42E-BB, D42E-BC, D4ZE-AL, D6AA-AA, D6EE-AA, D7EE-, D8EE-BA, D8EE-ED, D9EE-BA, D9ZE-AA					
Notes:	OHC					
FORD	2.3	140	Z		83-85	
New Height:	3.7800-3.7900" (96.012-96.266 MM)					
Intake Hgt:	1.9350-1.9650" (49.149-49.911 MM)			Exhaust Hgt:	1.9350-1.9650" (49.149-49.911 MM)	
Casting Numbers:	Head #: E1AE-AD, E1BE, E1BE-AC, E1BE-AD, E27E-DA, E3TE, E4ZE-DA, E59E, E5ZE-EA Block #: D8EE-BA, D8EE-ED, D9EE-BA, D9ZE-AA, E3ZE-DC					
Notes:	OHC					
FORD	2.3	141	X		87-94	
New Height:	2.9500-2.9600" (74.93-75.184 MM) *					
Intake Hgt:	1.9200-1.9500" (48.768-49.53 MM)			Exhaust Hgt:	1.9200-1.9500" (48.768-49.53 MM)	
Casting Numbers:	Head #: E43E, E43E-AJ, E43E-J, E53E, E73E-BA, E73E-CA, E83E, E83E-B11B, E83E-B3B, E83E-D11B, E83E-D3B, E83E-DG, F13E, F13E-A3A, F13E-AA, F15E-A3A, F1BE-A3A Block #: E83E-D11B, E83E-D3B, F23E, F23E-J11A					
Notes:	OHV, HSC, EFI					
Comments:	* MEASURED AT LONG HEAD BOLT BOSS-DECK					
FORD	2.4	144	GAS		61-67	
New Height:	3.875" (98.425 MM)			Min Height:	3.849" (97.765 MM)	
Notes:	GAS TRACTOR					
Comments:	** ROCKER RATIO 1.50:1 OR 1.60:1					
FORD	2.4	144	IND	501	61-67	501 & 701
New Height:	3.875" (98.425 MM)					
Intake Pro / Rec:	+.005 TO -.010" (.127 TO -.254 MM)			Min Height:	3.849" (97.765 MM)	
Exhaust Pro / Rec:	+.005 TO -.010" (.127 TO -.254 MM)					
Casting Numbers:	Head #: B9NN-6090-A Block #: B9NN 6015-A					
Notes:	501 & 701 DIESEL TRACTOR					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
FORD				4 Cylinders (cont.)		
FORD	2.5	152	C	RANGER	98-00	
Intake Hgt:	2.060-2.070" * (52.324-52.578 MM)			Min Height:	.010" MAX REMOVE (.254 MM)	
Exhaust Hgt:	2.060-2.070" * (52.324-52.578 MM)			Exhaust Hgt:	2.060-2.070" * (52.324-52.578 MM)	
Casting Numbers:	Head #:F57E					
Notes:	SOHC, SFI, RANGER					
Comments:	* REPORTED ID 4517 5-23-02 MC					
FORD	2.5	152	SCD	SCORPIO	-95	
New Height:	3.5413-3.5453" (89.950-90.050 MM)					
Notes:	2.5L TCI DIESEL, TURBO					
FORD	2.5	153	D	TAURUS	86-91	
New Height:	2.9500-2.9600" (74.93-75.184 MM) *					
Intake Hgt:	1.9500-1.9800" (49.53-50.292 MM)			Exhaust Hgt:	1.9500-1.9800" (49.53-50.292 MM)	
Casting Numbers:	Head #:E63E, E63E-CB, E8DE, F13E-A3A Block #: E63E-J3B, E7DE, E7DE-B3A, E8DE, E8DE-C3A, F1DE-CA					
Notes:	TBI, OHV, HSC, TAURUS/SABLE					
Comments:	* MEASURED AT LONG HEAD BOLT BOSS-DECK					
FORD	2.8	172	D		55-60	
New Height:	3.8750" (98.425 MM)			Min Height:	3.849" (97.765 MM)	
Intake Pro / Rec:	+.005--.010" (.127--.254 MM)			Exhaust Pro / Rec:	+.005--.010" (.127--.254 MM)	
Casting Numbers:	Head #:310665, 6090E, 89NN6090A, B9NN-6090-A, D3JL-6090-C, D3JL6090-C, E6090N Block #: B8NN-6015-B, B9NN-6015-A					
Notes:	AGRI-DIESEL					
FORD	2.8	172	G		53-80	
New Height:	3.8950" (98.933 MM)			Min Height:	3.8490" (97.765 MM)	
Intake Hgt:	2.0850-2.1150" (52.959-53.721 MM)			Exhaust Hgt:	1.9350-1.9650" (49.149-49.911 MM)	
Casting Numbers:	Head #:310100, D1NL-C, D1NL-D, EAF Block #: 310372, C0NN-6015-J, C0NN-J, D2NL-6015-A, D2NL-A, D3JL-6015-K					
Notes:	AGRI/IND GAS					
FORD	3.1	192	D		65-72	
New Height:	3.8690" (98.273 MM)			Min Height:	3.8490" (97.765 MM)	
Intake Pro / Rec:	+.005 TO -.010" (+.127 TO -.254 MM)			Exhaust Pro / Rec:	+.005 TO -.010" (+.127 TO -.254 MM)	
Casting Numbers:	Head #:310098, 310099, D1NL-D, D3JL-6090-C, D7JL-6090-A Block #: D2NL-C, D3JL-K, D6JL-B, E2JL-6015-AB, E2JL-AB					
Notes:	DIESEL					
FORD	3.1	192	G		64-79	
New Height:	3.8690" (98.273 MM)			Min Height:	3.8490" (97.765 MM)	
Intake Hgt:	2.0850-2.1150" (52.959-53.721 MM)			Exhaust Hgt:	1.9350-1.9650" (49.149-49.911 MM)	
Casting Numbers:	Head #:310098, 310099, 310100, D1NL-D Block #: D2NL-C, D3JL-K, D6JL-B, E2JL-6015-AB, E2JL-AB					
Notes:	H/D GAS					
FORD	3.6	220	D		58-67	
New Height:	3.650" REPORTED (92.71 MM)					
Intake Pro / Rec:	.034" MAX V/PRO (.864 MM)			Exhaust Pro / Rec:	.034" MAX V/PRO (.864 MM)	
Casting Numbers:	Head #:60506, 6D50J, E1AD-DN, E1AD-DN-F Block #: 508EDDNA8B, E1DDN6015					
Notes:	DAGENHAM, DORSET, DIESEL					
Comments:	*3 DIFF THCK HEAD GASKETS AVLBL			** WITHOUT SPRING SEAT		
FORD	3.8	233	D	5000	72-78	5000
New Height:	4.4970-4.5020" (114.224-114.351 MM)					
Intake Pro / Rec:	.059-.084" V/REC (1.499-2.134 MM)			Exhaust Pro / Rec:	.059-.084" V/REC (1.499-2.134 MM)	
Casting Numbers:	Head #:C5NE-6090-E, D3NN-6090-L Block #: C5NE-6015-U, D5NN-6015-H					
Notes:	DORSET DIESEL, EARLY 5000 TRACTORS BEFORE 7/20/68					
FORD	3.8	233	G	5000	65-88	5000
New Height:	4.4970-4.5020" (114.224-114.351 MM)					
Notes:	DORSET GAS, EARLY 5000 TRACTORS BEFORE 7/20/68					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
FORD				4 Cylinders (cont.)		
FORD	4.0	242			67-70	
New Height:	3.6500" (92.71 MM)					
Intake Pro / Rec:	+.010 TO -.020" (+.254 TO -.508 MM)			Exhaust Pro / Rec:	.034" MAX V/PRO (.864 MM)	
Castings Numbers:	Head #: 683F6090AAA, 683F6090GAB Block #: 703F-6015-AAA, C7NN-6015-AC					
Notes:	DSD, DAGENHAM, DORSET, DIESEL					
Comments:	*NATURALLY ASPIRATED		*TURBO CHARGED=INTAKE & EXHAUST.018 HOT			
	**4CYLINDER=.744-.745		**6CYLINDER=.743-.744			
FORD	4.2	254			69-82	
New Height:	3.6500" (92.71 MM)					
Intake Pro / Rec:	+.010 TO -.020" (.254 TO -.508 MM)			Exhaust Pro / Rec:	.034" MAX V/PRO (.864 MM)	
Castings Numbers:	Head #: 683F6090GAB Block #: C7NN-6015-AC					
Notes:	DORSET, DIESEL					
Comments:	*NATURALLY ASPIRATED		*TURBO CHARGED=INTAKE & EXHAUST.018 HOT			
	**4CYLINDER=.744-.745		**6CYLINDER=.743-.744			
FORD	4.2	254	D	2701C	68-72	2701C, 2711E
New Height:	3.6700" (93.218 MM)					
Intake Pro / Rec:	.034" MAX V/PRO (.864 MM)			Exhaust Pro / Rec:	.034" MAX V/PRO (.864 MM)	
Castings Numbers:	Head #: 683F6090AAA, 743F6090AAA Block #: 703F6015AAA					
Notes:	2701C, 2711E, D/I DIESEL					
FORD	4.2	254	ESD	ESD-442	83-92	ESD-442
New Height:	3.649-3.654" (92.685-92.812 MM)			Min Height:	3.629-3.634" (92.177-92.304 MM)	
Intake Pro / Rec:	-.020 TO +.010" (-.508 TO .254 MM)			Exhaust Pro / Rec:	.017-.040" V/PRO (.432-1.016 MM)	
Notes:	ESD-442 DIESEL, OHV, D/I					
FORD	4.2	256		BSD-442		BSD-442
New Height:	4.4970-4.5020" (114.224-114.351 MM)					
Intake Pro / Rec:	.059-.084" V/REC (1.499-2.134 MM)			Exhaust Pro / Rec:	.059-.084" V/REC (1.499-2.134 MM)	
Castings Numbers:	Head #: 743F-AAA, C5NN-E, C7NN-AC, C7NN-N, D3NN-L, D4NN-J, D5NN, D5NN-E, D5NN-L, D8NN-BA, D9NN-BA, E6NN Block #: 703F6015AAA, C7NN-AJ, C7NN-T, D8NN-DA, E0NN-AA, E6NN-CD, E8NN-CD					
Notes:	DIESEL					
FORD	4.2	256		BSD-442T		BSD-442T
New Height:	4.4970-4.5020" (114.224-114.351 MM)					
Intake Pro / Rec:	.059-.084" V/REC (1.499-2.134 MM)			Exhaust Pro / Rec:	.059-.084" V/REC (1.499-2.134 MM)	
Castings Numbers:	Head #: 743F6090AAA, C5NN-E, C7NN-AC, C7NN-AC, C7NN-N, D4NN-J, D5NN, D5NN-E, D5NN-L, D8NN-BA, D9NN-BA, E6NN Block #: 703F-AAA, C7NN-AJ, C7NN-T, D8NN-DA, E0NN-AA, E6NN-CD, E8NN-CD					
Notes:	TURBO DIESEL					
FORD	4.2	256	D	5000	72-78	5000
New Height:	4.4970-4.5020" (114.224 TO 114.351 MM)					
Intake Pro / Rec:	.059-.084" V/REC (1.499 TO 2.134 MM)			Exhaust Pro / Rec:	.059-.084" V/REC (1.499 TO 2.134 MM)	
Castings Numbers:	Head #: 743F6090AAA, C5NN6090E, C7NN6090AC, C7NN-6090-AC, C7NN6090N, C7NN-AC, C7NN-N, D4NN-6015-J, D5NN, D5NN6090L, D5NN-E, D5NN-L, D8NN-6090-BA, D8NN-BA, D9NN-BA, E6NN6090, E6NN6090AB Block #: 703F6015AAA, C7NN-6015-AJ, C7NN6250B, C7NN-AJ, C7NN-T, D8NN-6015-DA, DNN-6015-B, E0NN-6015-AA, E6NN-6015-CD, E8NN-6015-CD					
Notes:	DORSET, 5000 AFTER 7/19/68 & 7000, 6700 TRACTORS					
FORD	4.2	256	G	5000	68-72	5000
New Height:	4.4970-4.5020" (114.224 TO 114.351 MM)					
Castings Numbers:	Head #: C6NE6090, C6NN6090A, C6NN-A Block #: 703F6015AAA, C7NN6250B, C7NN-AJ, C7NN-T					
Notes:	5000 GAS TRACTOR AFTER 7/19/68					
FORD	4.4	268		BSD-444		BSD-444
New Height:	4.4970-4.5020" (114.224-114.351 MM)					
Intake Pro / Rec:	.059-.084" V/REC (1.499-2.134 MM)			Exhaust Pro / Rec:	.059-.084" V/REC (1.499-2.134 MM)	
Castings Numbers:	Block #: D9NN-6110-AA, E1NN-6015-JC, E6NN-6015-CC					
Notes:	DORSET DIESEL, 6610 TRACTOR					
Comments:	** RETORQUE AFTER 50 HRS RUNNING		* SEAT ANGLE 30-30.5° AFTER AUG 24,1987			

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
FORD				4 Cylinders (cont.)		
FORD	4.4	268		BSD-444T		BSD-444T
New Height: 4.4970-4.5020" (114.224-114.351 MM)						
Intake Pro / Rec: .059-.084" V/REC (1.499-2.134 MM)			Exhaust Pro / Rec: .059-.084" V/REC (1.499-2.134 MM)			
Castings Numbers: Block #:D9NN-6110-AA, E1NN-6015-JC, E6NN-6015-CC						
Notes: DORSET DIESEL, 7710 TURBO						
Comments: * RETORQUE AFTER 50 HRS RUNNING						
FORD	5.0	304		BSD-450T		BSD-450T
New Height: 4.4970-4.5020" (114.224-114.351 MM)						
Intake Pro / Rec: .059-.084" V/REC (1.499-2.134 MM)			Exhaust Pro / Rec: .059-.084" V/REC (1.499-2.134 MM)			
Castings Numbers: Block #:D9NN-6110-AA, E6NN-6015-CC						
Notes: 6640 NON/TURBO & 7740 TURBO TRACTOR						
FORD				6 Cylinders		
FORD	2.4	144		FALCON	60-64	
Intake Hgt: 1.7900-1.8200" (45.466-46.228 MM)			Exhaust Hgt: 1.7900-1.8200" (45.466-46.228 MM)			
Castings Numbers: Head #:C0DE, C0DE-B, C3DE, C3DE-C, C3DE-D, C3DE-F, C3DE-G, C4DE Block #: C0DE, C1DE, C1DE-A, C1UE, C3AE, C3D5, C3DE, C3DE-A, C3DE-E, C4DE, C4DE-A, C4DZ, C5DE-G						
Notes: FALCON, MERCURY COMET						
Comments: ** ROCKER RATIO 1.50:1 OR 1.60:1						
FORD	2.4	149	L		84-85	
New Height: 5.8350" (148.209 MM)			Min Height: 5.8270" (148.006 MM)			
Intake Pro / Rec: .022-.029" V/REC (.559-.737 MM)			Exhaust Pro / Rec: .029-.037" V/REC (.737-.94 MM)			
Castings Numbers: Head #:1275551K-4, 1275551K-8 Block #: 1275755K-M						
Notes: TURBO DIESEL, BMW						
Comments: HEAD TORQUE SEQUENCE 14 10 4 2 6 8 12 11 7 5 1 3 9 13						
FORD	2.5	153	B	PROBE	93-99	99L
New Height: 5.2520-5.2600" (133.401-133.604 MM)			Min Height: 5.2460" (133.248 MM)			
Intake Hgt: 1.6340-1.6640" (41.504-42.266 MM)			Exhaust Hgt: 1.6340-1.6640" (41.504-42.266 MM)			
Castings Numbers: Block #:KL						
Notes: 60°, DOHC, 24 VALVE, PROBE MAZDA ENGINE						
Comments: * 1995 - 44.5 CC						
FORD	2.5	155	L	CONTOUR	95-02	DURATEC
New Height: 5.1540-5.167" (130.912-131.242 MM) REPORTE			Min Height: 5.1540" (130.912 MM) REPORTED			
Intake Hgt: 2.010-2.020" (51.054-51.308 MM)			Exhaust Hgt: 2.010-2.020" (51.054-51.308 MM)			
Castings Numbers: Head #:F53E-6090-AD, F53E-6C-064-AD Block #: F7PE-AA						
Notes: DOHC 24 VALVE, 99L, CONTOUR, MYSTIQUE, COUGAR						
FORD	2.6	159	P	CAPRI	72-73	
Intake Hgt: 1.7300-1.7700" (43.942-44.958 MM)			Exhaust Hgt: 1.7300-1.7700" (43.942-44.958 MM)			
Castings Numbers: Head #:70TM, 70TM-KA, 74FT Block #: 70TM-AA, 73TM, 73TM-6015HA, 73TM-HA						
Notes: CAPRI						
FORD	2.8	170	1	FALCON	61-72	
Intake Hgt: 1.8000-1.8400" (45.72-46.736 MM)			Exhaust Hgt: 1.8000-1.8400" (45.72-46.736 MM)			
Castings Numbers: Head #:C0DE-C, C1DE-A, C1UE-A, C1VE-A, C3DE-C, C3DE-D, C3DE-G8, C3OE-C, C4DE-D, C5DE, C5DE-A, C5DE-B, C6DE, C6DE-A, C6DE-B, C6DE-B-662B, C6DE-C-933, C7DE, C7DE-A, C7DE-C, C8DE-B, C8DE-C, C8JE-C, C9DE, C9DE-A, C9DE-B, C9DE-C, C9DE-I, C9DE-J, C9DE-K, C9DE-M, C9DE-R, C9DZ-B, C9DZ-D, C9OE-B, D0DE-A, D0OZ-A, D4DE-D, D5DE-A Block #: C0DE-A, C0DE-D, C1DE-E, C3DE-A, C3DE-D, C3DE-E, C4DE-A, C4DE-H, C5DE-A, C5DE-E, C5DE-F, C5DE-G, C6DE-A, C6DE-B, C6DE-C, C6DE-E, C6DE-G, C8DE-A, C8DE-D, D0DZ-A, D0DZ-B						
Notes: FALCON, MERCURY COMET, MUSTANG						
Comments: VALVE ADJUSTMENT 63-64 IS 2-2.5 TURNS FROM O LASH .016" HOT FOR BOTH VALVES ** ROCKER RATIO 1.50:1 OR 1.60:1			** THE MECH. ROCKER IS			
FORD	2.8	171	P		74	
New Height: 2.8850-2.8900" (73.279-73.406 MM)			Exhaust Hgt: 1.7510-1.7810" (44.475-45.237 MM)			
Intake Hgt: 1.7510-1.7810" (44.475-45.237 MM)			Exhaust Hgt: 1.7510-1.7810" (44.475-45.237 MM)			
Castings Numbers: Head #:74TM, 74TM-AA, 74TM-AB, 74TM-BA, 74TM-KA, 75TM, 75TM-AA, 75TM-HA, 77TM-BA Block #: 74TM, 74TM-TA						
Notes: V6						

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
FORD						6 Cylinders (cont.)
FORD	2.8	171	PX		75-77	
New Height:	2.8850-2.8900" (73.279-73.406 MM)					
Intake Hgt:	1.7510-1.7810" (44.475-45.237 MM)			Exhaust Hgt:	1.7510-1.7810" (44.475-45.237 MM)	
Casting Numbers:	Head #:74TM, 74TM-AA, 74TM-AB, 74TM-BA, 74TM-KA, 75TM, 75TM-AA, 75TM-HA, 77TM-BA Block #: 74TM, 74TM-TA					
Notes:	V6					
FORD	2.8	171	S	BRONCO	83-86	
New Height:	2.8850-2.8900" (73.279-73.406 MM)					
Intake Hgt:	1.7510-1.7810" (44.475-45.237 MM)			Exhaust Hgt:	1.7510-1.7810" (44.475-45.237 MM)	
Casting Numbers:	Head #:75TM-BA, 75TM-HA, 83TM, 83TM-HA, 83TM-KA Block #: 83TM, 83TM-AA					
Notes:	BRONCO & RANGER, 60° V6					
FORD	2.8	171	Z	CAPRI	74-79	
New Height:	2.8850-2.8900" (73.279-73.406 MM)					
Intake Hgt:	1.7510-1.7810" (44.475-45.237 MM)			Exhaust Hgt:	1.7510-1.7810" (44.475-45.237 MM)	
Casting Numbers:	Head #:74TM, 74TM-AA, 74TM-AB, 74TM-BA, 74TM-KA, 75TM, 75TM-AA, 75TM-HA, 75TM-KA, 77TM-BA, 83TM-HA Block #: 74TM, 74TM-TA					
Notes:	2BC, 60° V-6 CAPRI					
FORD	2.9	177	T	BRONCO	86-92	
New Height:	2.8850-2.8900" (73.279-73.406 MM)			Min Height:	2.8750" (73.025 MM)	
Intake Hgt:	1.7150-1.7450" (43.561-44.323 MM)			Exhaust Hgt:	1.7150-1.7450" (43.561-44.323 MM)	
Casting Numbers:	Head #:86TM, 86TM-CA, 86TM-CAE, 86TM-CAG, 86TM-CAH, 86TM-CAJ, 89TM Block #: 86TM, 86TM-AD, 87TM, 87TM-AA, 89TM, 89TM-AA					
Notes:	MFI, 60° V6, BRONCO, RANGER					
Comments:	HEAD CRACKS IN THE VALVE SPRING AREA * DO NOT REMOVE MORE THAN .010" MATERIAL FROM ORIGINAL SURFACE IF MACHINING IS REQUIRED **DO NOT CHANGE SPRING SPECS, TB-901					
FORD	2.9	177	V		87-90	
New Height:	2.8850-2.8900" (73.279-73.406 MM)					
Intake Hgt:	1.7150-1.7450" (43.561-44.323 MM)			Exhaust Hgt:	1.7150-1.7450" (43.561-44.323 MM)	
Casting Numbers:	Head #:86TM, 86TM-AJ, 86TM-CAE, 86TM-CAG, 86TM-CAH, 86TM-CAJ, 86TM-DAG, 89TM Block #: 87TM-AA, 89TM-AA					
Notes:	MFI, 60° V6, MERKUR					
Comments:	HEAD CRACKS IN THE VALVE SPRING AREA * DO NOT CHANGE SPRING SPECS, TB-901					
FORD	3.0	181	W	VILLAGER	93-99	
New Height:	4.2047-4.2200" (106.799-107.188 MM)			Min Height:	4.1967" (106.596 MM)	
Intake Hgt:	1.7800-1.7900" (45.212-45.466 MM)			Exhaust Hgt:	1.7700-1.7800" (44.958-45.212 MM)	
Casting Numbers:	Head #:L-85-E, R-85-E Block #: VG 30, VG30					
Notes:	SOHC, PFI, VILLAGER NISSAN ENGINE/ (99U)					
Comments:	* #2=1.6732-1.6742, #3=1.8898-1.8907					
FORD	3.0	182	S	TAURUS	96-04	DURATECH
New Height:	5.1550-5.1630" (130.937-131.140 MM)			Min Height:	NO MIN FROM OEM	
Intake Hgt:	2.020-2.035" (51.308-51.689 MM)			Exhaust Hgt:	2.012-2.030" (51.105-51.562 MM)	
Casting Numbers:	Head #:F7DE-AB, RFF7DE6C064-AC Block #: F5DE-EH					
Notes:	DOHC, SFI, TAURUS, SEE TB 1773 MAIN TORQUE					
Comments:	* USE NEW BOLTS					
FORD	3.0	182	Y	TAURUS SHO	89-95	YAMAHA
New Height:	4.6500" (118.11 MM)					
Intake Hgt:	1.6610" (42.189 MM)			Exhaust Hgt:	1.6110" (40.919 MM)	
Casting Numbers:	Head #:YG021, YG029					
Notes:	DOHC, YAMAHA, TAURUS SHO, EFI/ (99Y) (99S)					
FORD	3.0	183	1	TAURUS	97-03	VULCAN
New Height:	3.6200-3.6300" * (91.948-92.202 MM)					
Intake Hgt:	1.8200-1.8500" (46.228-46.99 MM)			Exhaust Hgt:	1.8700-1.9000" (47.498-48.26 MM)	
Casting Numbers:	Head #:E6AE-H, E6AE-HB, E6AE-HC, E6AE-HL, E8AE, F3SE, F6DE Block #: E6AE-A, E6AE-AC, E6AE-AE, E6AE-AG, E9DE-EA, F2DE-AB, F2DE-BA					
Notes:	EFI, 60° V6, METHANOL FUEL, 12 VALVE					
Comments:	* MEASURED AT EXHAUST SIDE OF HEAD ** 1999 AND LATER ENGINES: 35-39 FT/LBS, LOOSEN 1 FULL TURN, 20-24 FT/LBS, +85-95r, +85-95r ALWAYS USE NEW BOLTS.					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
FORD						
FORD	3.0	183	2	TAURUS	96-03	6 Cylinders (cont.)
New Height:	3.6200-3.6300" (91.948-92.202 MM) *			Min Height:	NOT SUPPLIED FROM FORD	
Intake Hgt:	1.8200-1.8500" (46.228-46.99 MM)			Exhaust Hgt:	1.8700-1.9000" (47.498-48.26 MM)	
Castings Numbers:	Head #:E6AE-H, E6AE-HB, E6AE-HC, E6AE-HL, E8AE, F3SE, F6DE-QC Block #: E6AE-A, E6AE-AC, E6AE-AE, E6AE-AG, E9DE-EA, F2DE-AB, F2DE-BA					
Notes:	EFI, 60° V6, TAURUS, ETHANOL FUEL					
Comments:	*MEASURED AT EXHAUST SIDE OF HEAD. ** 1999 & LATER ENGINES: 35-39 FT/LBS, LOOSEN 1 FULL TURN, 20-24 FT/LBS, +85-95r, +85-95r ALWAYS USE NEW BOLTS.					
FORD	3.0	183	U	AEROSTAR	90-99	
New Height:	3.6200-3.6300" (91.948-92.202 MM) *			Min Height:	NOT SUPPLIED FROM FORD	
Intake Hgt:	1.8200-1.8500" (46.228-46.99 MM)			Exhaust Hgt:	1.8700-1.9000" (47.498-48.26 MM)	
Castings Numbers:	Head #:E6AE, E6AE-H, E6AE-HB, E6AE-HC, E6AE-HL, E8AE, F3SE, F6DE-GA, F6DE-GC Block #: E6AE-A, E6AE-AC, E6AE-AE, E6AE-AG, E9DE-EA, F2DE, F2DE-AB, F2DE-BA, F58E, F58E-AF, F6AE, F6DE, F6DE-DE, XF1E-DD					
Notes:	EFI, 60° V6, AEROSTAR, TAURUS, SABLE, WINDSTAR, RANGER					
Comments:	* MEASURED AT EXHAUST SIDE OF HEAD. ** 1999 & LATER ENGINES: 35-39 FT/LBS, LOOSEN 1 FULL TURN, 20-24 FT/LBS, +85-95r, +85-95r ALWAYS USE NEW BOLTS.					
FORD	3.0	183	U		86-90	
New Height:	3.6200-3.6300" * (91.948-92.202 MM)			Min Height:	NOT SUPPLIED FROM FORD	
Intake Hgt:	1.8200-1.8500" (46.228-46.99 MM)			Exhaust Hgt:	1.8700-1.9000" (47.498-48.26 MM)	
Castings Numbers:	Head #:E6AE, E6AE-HB, EGAE-HC Block #: E6AE-A, E6AE-AC, E6AE-AE, E6AE-AG, E9DE-EA					
Notes:	EFI, 60° V6, CAR & TRUCK					
Comments:	* MEASURED AT EXHAUST SIDE OF HEAD					
FORD	3.0	183	U	TAURUS	00-03	
New Height:	3.6200-3.6300" (91.948-92.202 mm) *			Min Height:	NOT SUPPLIED FROM FORD	
Intake Hgt:	1.8200-1.8500" (46.228-46.990 MM)			Exhaust Hgt:	1.8700-1.9000" (47.498-48.260 MM)	
Castings Numbers:	Head #:F6DE-QC Block #: E6AE-A, E6AE-AC, E6AE-AE, E6AE-AG, F2DE, F2DE-AB, F2DE-BA, F58E, F58E-AF, F6AE, F6DE, F6DE-DE, XF1E-DD					
Notes:	EFI, 60r V6, TAURUS, RANGER					
Comments:	* MEASURED AT EXHAUST SIDE OF HEAD.					
FORD	3.2	195	P	TAURUS SHO	93-95	YAMAHA
Castings Numbers:	Head #:L, R					
Notes:	DOHC, TAURUS SHO, 60° YAMAHA, EFI/ (99P)					
FORD	3.3	200	B		80-82	
Intake Hgt:	1.8000-1.8400" (45.72-46.736 MM)			Exhaust Hgt:	1.8000-1.8400" (45.72-46.736 MM)	
Castings Numbers:	Head #:D7BE-AB, D7DE-AB, D8BE-AB, D8BE-BA, D8BZ-B, E0BE, E0BE-BB, E0DE, E0DE-M, E1BE-BB Block #: D7BE-AA, D8BE, D8BE-GD, D8BE-GE, E1BE-BA, E1BE-BB, E1BE-FA, E1BE-GA					
Notes:	1BC					
Comments:	*1980 INSTALLED SPG HGT: 1.563-1.594 ** ROCKER RATIO 1.50:1 OR 1.60:1					
FORD	3.3	200	T		63-79	
Intake Hgt:	1.8000-1.8400" (45.72-46.736 MM)			Exhaust Hgt:	1.8000-1.8400" (45.72-46.736 MM)	
Castings Numbers:	Head #:77TM, C1UE, C3DE-D, C3DE-G8, C3OE-A, C3OE-C, C4DE, C5DE, C5DE-B, C5DE-H, C6DE-A, C6DE-B, C6DE-H, C7DE-A, C7DE-C, C7NN-AA, C7NN-AB, C8DE-A, C8DE-B, C9DE, C9DE-A, C9DE-B, C9DE-C, C9DE-F, C9DE-F-858, C9DE-I, C9DE-J, C9DE-K, C9DE-L, C9DE-M, C9DE-M-858, C9DE-R, C9DZ-A, C9DZ-B, C9DZ-D, C9OE-B, D0DE-AA, D3DE, D3DE-AA, D4DE, D4DE-CA, D5DE, D5DE-BA, D5OE-BA, D7BE, D7BE-AB, D7DE-A, D7DE-AB, D8BE, D8BE-AB, D8BE-BA, D8BZ-B, DODE, DOOD, DOOD-E Block #: 6015AA, 6015B, C1DE, C3OE-C, C4DE-A, C4DE-AC, C4DE-H, C4DZ, C4OE-A, C5DE-E, C5DE-H, C5DH-H, C5JE-B, C5JE-C, C6DE-A, C6DE-B, C6DE-H, C7DE-H, C8DE-B, C8DE-E, D3BE-BA, D7BE-AA, D8BE, D8BE-GD, D8BE-GE, E1BE-BA, E1BE-BB, E1BE-FA					
Notes:	1BC					
Comments:	** ROCKER RATIO 1.50:1 OR 1.60:1					
FORD	3.3	200	X		83	
Intake Hgt:	1.8000-1.8400" (45.72-46.736 MM)			Exhaust Hgt:	1.8000-1.8400" (45.72-46.736 MM)	
Castings Numbers:	Head #:E0BE, E0BE-BB Block #: E1BE-BB, E1BE-FA, E1BE-FB, E1BE-GA					
Notes:	1BC					
Comments:	** ROCKER RATIO 1.50:1 OR 1.60:1					
FORD	3.3	201	T	VILLAGER	99-02	
New Height:	4.205-4.220" (106.800-107.200 MM)					
Notes:	SOHC, SFI, FREE-WHEELING ENGINE					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
FORD				6 Cylinders (cont.)		
FORD	3.7	223			54-64	
Intake Hgt:	1.9700-2.0000" (50.038-50.8 MM) *			Exhaust Hgt:	1.9700-2.0000" (50.038-50.8 MM) *	
Casting Numbers:	Head #:91A, C0AE, C0AE-B, C0AE-F, C1AE-B, C1AE-C, C1AE-D, C1AE-N, C2AE-A, C2OE, C3AE-A Block #: C1AE-K, C2AE, C3AE-AC, C3AE-F					
Notes:	GAS					
Comments:	* TRUCK ENGINES I/S/H: 2.0000-2.0400			** ROCKER RATIO 1.40:1		
FORD	3.7	226			47-52	
Intake Hgt:	1.9400-1.9700" (49.276-50.038 MM)			Exhaust Hgt:	1.9400-1.9700" (49.276-50.038 MM)	
Casting Numbers:	Head #:0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1HA, 575, 5751115, 5752115, 7HA, EBF, EBP, EBP-A, EBP-C, EBP-D, EBP-G, EBP-L Block #: 0, 0, 0, 0, 7HA, 8HA, EAM, EBP, EBP-A, EBP-B, EBP-C, EBP-D, EBP-E, EBP-F, EBP-G, EBP-H, EBP-L					
Notes:	L-HEAD= FLATHEAD, GAS TRUCK					
FORD	3.7	226	1		41-47	
Intake Hgt:	1.9400-1.9700" (49.276-50.038 MM)			Exhaust Hgt:	1.9400-1.9700" (49.276-50.038 MM)	
Casting Numbers:	Head #:1HA, 7HA Block #: 2G					
Notes:	L-HEAD= FLATHEAD, 90 HP CAR, ALSO IN GTB JEEP					
FORD	3.8	232	3		82-87	
New Height:	3.0550-3.0700" (77.597-77.978 MM) *			Exhaust Hgt:	1.9700-2.0000" (50.038-50.8 MM)	
Intake Hgt:	1.9700-2.0000" (50.038-50.8 MM)					
Casting Numbers:	Head #:89TY-AC, E2AE, E2AE-E7D, E2AE-E9D, E2AE-FC, E2DE, E2DE-HA, E2DE-JB, E2DE-JC, E3SE, E3SE-A9C, E3SE-A9D, E4SE, E4SE-AA, E4ZE, E4ZE-B7C, E4ZE-B9C, E4SE-A9A, RFE3SE-A7C Block #: E2AE, E2AE-HB, E2AE-HD, E2AE-HO, E3AE, E3AE-BA1, E4AE, E4AE-EA, E5AE-EA					
Notes:	EFI					
Comments:	* HEAD THICKNESS MEASURED AT INSIDE HEAD BOLT HOLE, THICKNESS VARIES					
FORD	3.8	232	4		88-95	
New Height:	3.0550-3.0700" (77.597-77.978 MM) *			Min Height:	3.045" (77.343 MM)	
Intake Hgt:	1.9700-2.0000" (50.038-50.8 MM) **			Exhaust Hgt:	1.9700-2.0000" (50.038-50.8 MM) **	
Casting Numbers:	Head #:E8DE, E8DE-B7A, E8DE-B7A, E8DE-B9A, E8DE-B9A, E9CE, E9CE, E9DE, E9DE-B7A, E9DE-B7A, E9DE-B9A, E9DE-B9A, E9SE, E9SE-D7A, E9SE-D7A, F153-A7A, F153-A7A, F15E-A7A, F15E-AA, F1SE, F1SE-AA, F30SE, F35E-A20A, F35E-B20, F35E-B20A, F35E-B22, F35E-B22A, F3SE, F3SE-B20A, F3SE-B22A, F4SE6090B22A, F4SE-G22A, FRE3SE-A9D, RFF153-A7A Block #: E8DE, E8DE-B78, E8DE-B78, E8DE-DB, E8DE-DB, E8SE, E8SE-AB, E8SE-AB, E9DE-BJ, E9DE-BJ, E9SE-A4M, E9SE-A4M, E9SE-AM, E9SE-DB, E9SE-DB, E9SE-FB, E9SE-FB, F1DE-EA, F1SE-A4A, F1SE-A5A					
Notes:	PFI & SFI, NON-SUPERCHARGED					
Comments:	* HEAD THKNS MEASURED @ INSIDE HEAD BOLT BOSS ** STEM HEIGHT CHANGES-1.930-1.950" FOR 1989-96					
FORD	3.8	232	4	WINDSTAR	96-04	
New Height:	NOT SUPPLIED BY OEM			Min Height:	**	
Intake Hgt:	1.900-1.920" (48.260-48.768 MM) W/CUP			Exhaust Hgt:	1.900-1920" (48.260-48.768 MM) W/CUP	
Casting Numbers:	Head #:F65E-BC, F6ZE-B22E, F75E-B22A, RF-YF2E-A20A Block #: 3L3E-FA, F68E, F78E, RF-XL3E-AO					
Notes:	PFI & SFI, WINDSTAR & MUSTANG					
Comments:	* WEDGE STYLE CHAMBER PAD .075" MIN OR 60 CC'S			** REPORTED DECK TO CAST		
FORD	3.8	232	C		84-85	
New Height:	3.0550-3.0700" (77.597-77.978 MM) *			Exhaust Hgt:	1.9700-2.0000" (50.038-50.8 MM)	
Intake Hgt:	1.9700-2.0000" (50.038-50.8 MM)					
Casting Numbers:	Head #:E4SE, E4SE-AA, E4ZE, E4ZE-B7C, E4ZE-B9C, E5AE-CA Block #: E3AE, E3AE-BA1, E4AE, E4AE-EA, E5AE-EA					
Notes:	CAR					
Comments:	* HEAD THICKNESS MEASURED AT INSIDE HEAD BOLT BOSS, THICKNESS VARIES					
FORD	3.8	232	R		89-95	
New Height:	3.0550-3.0700" (77.597-77.978 MM) *			Min Height:	3.045" (77.343 MM)	
Intake Hgt:	1.9300-1.9500" (49.022-49.53 MM)			Exhaust Hgt:	1.9300-1.9500" (49.022-49.53 MM)	
Casting Numbers:	Head #:E8DE-B9A, E9CE, E9DE-B7A, E9SE, E9SE-D7A, F1SE-A4A, F1SE-A5A, F30SE, F3SE-A20A, F4SE-A7A, RFF3SE Block #: E8DE, E8SE, E9DE-BJ, E9SE-A4M, E9SE-DB, E9SE-FB, E9SE-FB, F1SE-CA					
Notes:	PFI, SUPERCHARGED/ (99R)					
Comments:	* HEART SHAPE CHAMBER, THKNS MEASURED @ INSIDE HEAD BOLT HOLE, THICKNESS VARIES					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
FORD				6 Cylinders (cont.)		
FORD	3.9	240	A		65-74	
Intake Hgt:	1.8910-1.9210" (48.031-48.793 MM)			Exhaust Hgt:	1.8910-1.9210" (48.031-48.793 MM)	
Castings Numbers:	Head #: C5AE, C5AE-A, C5AE-A-850, C5AE-C, C5AE-D, C5TE, C5TE-A, C5TE-B, C5TE-C, C5TE-G, C6AE, C6AE-B, C6AE-B-755, C6AE-C, C6AE-H, C6TE, C6TE-A, C6TE-B, C6TE-C, C6TE-G, C8AE, C8AE-A, C8AE-C, C8AE-D, C8AE-E, C8AE-G, C8TE, C8TE-A, C8TE-D, D2AE, D2AE-AA, D2TE, D2TE-AA, D2TE-BA, D3TE, D3TE-AA, D8TE, D8TE-CA, D8TE-FA Block #: C5AE, C5AE-C, C5AE-D, C5AE-F, C5TE-AA, C5TE-B, C5TE-C, C5TE-D, C5TE-E, C6AE, C6AE-D, C6AE-F, C7AE, C8AE-D, C9AE, C9AE-B, C9AE-D, D0AE-A, D1AE, D1AE-CA, D2AE, D2TE-AA, D3TE, D3TE-AA, D5TE, D5TE-AA, D6TE					
Notes:	1BC, TRUCK					
Comments:	WITH OR W/O A.I.R. ** ROCKER RATIO 1.60:1					
FORD	4.0	242	D	6000	60-70	6000
New Height:	4.5450-4.5480" (115.443-115.519 MM)					
Intake Pro / Rec:	.059-.084" V/REC * (1.499-2.134 MM)			Exhaust Pro / Rec:	.059-.084" V/REC * (1.499-2.134 MM)	
Castings Numbers:	Head #: CONN-6049-C, CONN6049E, CONN-6049-G, CONN6090C					
Notes:	DIESEL, 6000 TRACTOR					
Comments:	* .034" RECESSON REPORTED ON BOTH					
FORD	4.0	244	E	EXPLORER,MO	97-01	SOHC
New Height:	4.864" (123.546 MM)					
Intake Hgt:	1.905-1.925" (48.387-48.895 MM)			Exhaust Hgt:	2.050-2.075" (52.070-52.705 MM)	
Castings Numbers:	Head #: 97JM6049CD, 97JM6050CE Block #: 97JM-AE					
Notes:	SOHC, SFI, EXPLORER, MOUNTAINEER					
Comments:	* CAMSHAFT CAP TORQUE 53 IN/LBS THEN 144 IN/LBS					
FORD	4.0	244	X		90-02	
New Height:	2.8900-2.8950" (73.406 TO 73.533 MM) ***					
Intake Hgt:	1.7350-1.7450" (44.069 TO 44.323 MM)			Min Height:	2.8800" (73.152 MM)	
Exhaust Hgt:	1.7350-1.7450" (44.069 TO 44.323 MM)					
Castings Numbers:	Head #: 90TM, 90TM-6090-BE, 90TM-BB, 90TM-BE, 93TM-AA, 95TM-AD, C8S1A, CAS-1A Block #: 90TM-6015-BA, 90TM-AB, 95TM-AB, 96TM-AA, 97TM-					
Notes:	OHV, MFI, 60° V-6, ROLLER CAM, TRUCK					
Comments:	* REPORTED 87-88# @1.590" & 162-164# @1.220" ** ALWAYS USE NEW BOLTS *** 2.913-2.917" REPORTED ON NON FACTORY HEADS CHAMBER SIZE OK					
FORD	4.0	245	K	EXPLORER	00-04	
New Height:	4.864" (123.546 MM)					
Intake Hgt:	1.905-1.925" (48.387-48.895 MM)			Exhaust Hgt:	2.050-2.075" (52.070-52.705 MM)	
Castings Numbers:	Head #: 605CE Block #: 97JM-AE					
Notes:	SOHC, SFI, EXPLORER					
FORD	4.1	250	C		69-80	
Intake Hgt:	1.800-1.830" (45.72-46.482 MM)			Exhaust Hgt:	1.800-1.830" (45.72-46.482 MM)	
Castings Numbers:	Head #: C9OE-M, E0BE, E0BE-BA, E0BE-BB, E0DE, E0DE-M Block #: D6DE, D7BE, D7DE, D7DE-CA, D8BE, D8BE-JA, D8DE, D8DE-CA, D8DE-CC, D9DE, D9DE-DA, E0DE-A, E1DE-A					
Notes:	1BC					
Comments:	** ROCKER RATIO 1.50:1 OR 1.60:1					
FORD	4.1	250	L		79-81	
Intake Hgt:	1.8000-1.8300" (45.72-46.482 MM)			Exhaust Hgt:	1.8000-1.8300" (45.72-46.482 MM)	
Castings Numbers:	Head #: C9DE, C9DE-F, C9DE-F-858, C9DE-M, C9DE-M-858, C9DE-N, D0DE-A, D2DE-AA, D3DE-AA, D4DE-CA, D5DE-BA, D6DE-AB, D7BE-AB, D7DE-AB, D8BE-BA, D8DE-CC, DOOD-A, E0BE-BB, E0DE, E0DE-M Block #: C3AE-AB, C9DE, C9DE-B, C9DF-B, D2DE-AA, D5DE-AA, D7BE-CA, D7DE-AA, D7DE-CA, D8BE-JA, D8DE-CA, D9DE-DA, E0DE-A, E1DE-A					
Comments:	*77-79 I & E:142-158# @ 1.180 **77-79 EXH: 1.531-1.578					
FORD	4.2	256	2	F150	97-04	
Intake Hgt:	1.930-1.950"			Min Height:	NONE SUPPLIED BY OEM	
Exhaust Hgt:	1.930-1.950"					
Castings Numbers:	Head #: E75E-B20A, F65E, F75E, F75E-B20A, RFF65E6090B Block #: F65E-6015-AD, F75E					
Notes:	OHV, SFI, F-150 PICKUP, E150, E250, E350					
Comments:	*** WEDGE STYLE **** TORQUE 15-32 FT/LBS ON SHORT BOLTS AND 30-36 FT/LBS ON LONG BOLTS, PLUS ADDITIONAL 175-185° OF ROTATION. .9882" HEAD HEIGHT ON THE EXHAUST HEAD BOLT LOCATION.					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
FORD						6 Cylinders (cont.)
FORD	4.3	262	L		61-64	
Intake Hgt:	2.1730-2.2030" (55.194-55.956 MM)			Exhaust Hgt:	2.1570-2.1870" (54.788-55.55 MM)	
Casting Numbers:	Head #:8MTH, C3OE, EBY Block #: 8CM, 8MTH, EBY, ECG					
Notes:	GAS, TRUCK					
Comments:	WITH OR W/OUT A.I.R.					
FORD	4.9	300		CSG-649	65-93	CSG-649
New Height:	3.7000" (93.98 MM)					
Intake Hgt:	1.8910-1.9210" (48.031-48.793 MM) *			Exhaust Hgt:	1.8910-1.9210" (48.031-48.793 MM) *	
Casting Numbers:	Head #:C5AE-A, C5AE-C, C5AE-D, C5TE-A, C5TE-B, C5TE-C, C5TE-G, C6AE-B, C6AE-C, C6TE-A, C6TE-B, C6TE-C, C6TE-G, C8AE-C, C8AE-D, C8AE-E, C8AE-G, C8TE-D, C8TE-E, C8TE-T, D2AE-AA, D2TE-BA, D2TE-D, D2TE-GA, D3TE-AA, D3TE-BA, D3TE-GA, E4TE-A, E4TE-AA, E5TE-DC Block #: C5AE-C, C5AE-D, C5AE-F, C5TE-B, C5TE-C, C5TE-G, C6AE-F, C7AE, C8AE-D, C9AE-B, C9TE-A, D1AE, D1TE-AC, D2AE-AA, D3TE-AA, D5TE-AA, E1TE-A, E1TE-AA, E5TE-MB					
Notes:	4.9L GAS INDUSTRIAL					
Comments:	* ENGINES WITH ROCKER STUDS					
FORD	4.9	300			76-85	
New Height:	3.7000" (93.98 MM)					
Intake Hgt:	1.8910-1.9210" (48.031-48.793 MM) *			Exhaust Hgt:	1.8910-1.9210" (48.031-48.793 MM) *	
Casting Numbers:	Head #:C5AE, C5AE-A, C5AE-C, C5AE-D, C5TE, C5TE-A, C5TE-B, C5TE-C, C5TE-G, C6AE, C6AE-B, C6AE-C, C6TE, C6TE-A, C6TE-B, C6TE-C, C6TE-G, C8AE, C8AE-C, C8AE-D, C8AE-E, C8AE-G, C8TE, C8TE-D, C8TE-E, C8TE-T, D2AE, D2AE-AA, D2AE-BA, D2TE, D2TE-BA, D2TE-D, D2TE-GA, D3TE, D3TE-AA, D3TE-BA, D3TE-GA, D8TE, E4TE-A, E4TE-AA, E5TE-CA, E5TE-DC Block #: C5AE, C5AE-C, C5AE-D, C5AE-F, C5TE-B, C5TE-C, C5TE-G, C6AE, C6AE-F, C7AE, C8AE, C8AE-D, C9AE, C9AE-B, C9TE-A, D1AE, D1TE-AC, D2AE, D2AE-AA, D3TE, D3TE-AA, D5TE, D5TE-AA, D6TE, E1TE-A, E1TE-AA, E5TE-MB					
Notes:	TRUCK					
Comments:	* SEE TB 412 ENGINES WITH ROCKER STUDS					
FORD	4.9	300	9		82-84	
New Height:	3.7000" (93.98 MM)					
Intake Hgt:	1.8910-1.9210" (48.031-48.793 MM)			Exhaust Hgt:	1.8910-1.9210" (48.031-48.793 MM)	
Casting Numbers:	Head #:C5AE-A, C5AE-C, C5AE-D, C5TE-A, C5TE-B, C5TE-C, C5TE-G, C6AE-B, C6AE-C, C6TE-A, C6TE-B, C6TE-C, C6TE-G, C8AE-C, C8AE-D, C8AE-E, C8AE-G, C8TE-D, C8TE-E, C8TE-T, D2AE-AA, D2TE-BA, D2TE-D, D2TE-GA, D3TE-AA, D3TE-BA, E4TE-A, E4TE-AA, E5TE-DC Block #: C5AE-C, C5AE-D, C5AE-F, C5TE-B, C5TE-C, C5TE-G, C6AE-F, C7AE, C8AE-D, C9AE-B, C9TE-A, D1AE, D1TE-AC, D2AE-AA, D3TE-AA, D5TE-AA, E1TE-A, E1TE-AA, E5TE-MB					
Notes:	TRUCK					
Comments:	ENGINES WITH ROCKER STUDS					
FORD	4.9	300	9		85-86	
New Height:	3.7000" (93.98 MM)					
Intake Hgt:	1.8310-1.8610" (46.507-47.269 MM)			Exhaust Hgt:	1.8310-1.8610" (46.507-47.269 MM)	
Casting Numbers:	Head #:E4TE-A, E4TE-AA, E5TE-CA, E5TE-DC, E5TE-UA, E6TE-UA, E7TE-DC Block #: E5TE-MB, E7TE-A, E7TE-DB, F4TE-6015-BA, FOTE-6015-DA					
Notes:	TRUCK					
Comments:	ENGINES WITH ROCKER BOLTS					
FORD	4.9	300	B		73-79	
New Height:	3.7000" (93.98 MM)					
Intake Hgt:	1.8910-1.9210" * (48.031-48.793 MM)			Exhaust Hgt:	1.8910-1.9210" * (48.031-48.793 MM)	
Casting Numbers:	Head #:C5AE-A, C5AE-C, C5AE-D, C5TE-A, C5TE-B, C5TE-C, C5TE-G, C6AE-B, C6AE-C, C6TE-A, C6TE-B, C6TE-C, C6TE-G, C8AE-C, C8AE-D, C8AE-E, C8AE-G, C8TE-A, C8TE-D, C8TE-E, C8TE-T, D2AE-AA, D2AE-BA, D2TE-BA, D2TE-D, D2TE-GA, D3TE-AA, D3TE-BA, D8TE-CA Block #: C9AE-B, C9TE-A, D1AE, D1TE-AC, D2AE-AA, D3TE-AA, D5TE-AA					
Notes:	TRUCK					
Comments:	* SEE TB 412 ENGINES WITH ROCKER STUDS					
FORD	4.9	300	C		78	
New Height:	3.7000" (93.98 MM)					
Intake Hgt:	1.8910-1.9210" * (48.031-48.793 MM)			Exhaust Hgt:	1.8910-1.9210" * (48.031-48.793 MM)	
Casting Numbers:	Head #:D2AE-AA, D2TE-BA, D2TE-D, D2TE-GA, D3TE-AA, D3TE-BA Block #: D1AE, D1TE-AC, D2AE-AA, D3TE-AA, D5TE-AA					
Notes:	TRUCK					
Comments:	* SEE TB 412 ENGINES WITH ROCKER STUDS					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
FORD				6 Cylinders		(cont.)
FORD	4.9	300	K		78-79	
New Height:	3.7000" (93.98 MM)					
Intake Hgt:	1.8910-1.9210" * (48.031-48.793 MM)			Exhaust Hgt:	1.8910-1.9210" * (48.031-48.793 MM)	
Castings Numbers:	Head #: D2AE-AA, D2TE-BA, D2TE-D, D2TE-GA, D3TE-AA, D3TE-BA Block #: D1AE, D1TE-AC, D2AE-AA, D3TE-AA, D5TE-AA					
Notes:	TRUCK					
Comments:	* SEE TB 412 ENGINES WITH ROCKER STUDS					
FORD	4.9	300	Y		83-84	
New Height:	3.7000" (93.98 MM)					
Intake Hgt:	1.8910-1.9210" * (48.031-48.793 MM)			Exhaust Hgt:	1.8910-1.9210" * (48.031-48.793 MM)	
Castings Numbers:	Head #: C5AE, C5AE-A, C5TE, C5TE-A, C5TE-B, C5TE-C, C5TE-G, C6AE, C6AE-B, C6AE-C, C6TE, C6TE-C, C6TE-G, C8AE, C8AE-C, C8AE-D, C8TE, C8TE-A, D2AE, D2AE-AA, D2TE, D2TE-BA, D3TE, D3TE-AA, D8TE, D8TE-CA Block #: E1TE, E2TE, E4TE, E5TE					
Notes:	TRUCK					
Comments:	* SEE TB 412					
FORD	4.9	300	Y		85-86	
New Height:	3.7000" (93.98 MM)					
Intake Hgt:	1.8310-1.8610" (46.507-47.269 MM) *			Exhaust Hgt:	1.8310-1.8610" (46.507-47.269 MM) *	
Castings Numbers:	Head #: E4TE-A, E4TE-AA, E5TE-CA, E5TE-DC, E5TE-UA, E6TE-UA, E7TE-DC Block #: E1TE, E2TE, E4TE, E5TE, E5TE-MB, E7TE, E7TE-A, E7TE-DB, F4TE-6015-BA, FOTE-6015-DA					
Comments:	* ENGINES WITH ROCKER BOLTS					
FORD	4.9	300	Y		87-96	
New Height:	3.7000" (93.98 MM)					
Intake Hgt:	1.8310-1.8610" (46.507-47.269 MM) *			Min Height:	NOT PROVIDED -- MUST CHECK CC OF H	
Castings Numbers:	Head #: E4TE-A, E4TE-AA, E5TE-DC, E5TE-UA, E6TE-UA, E7SE-DC, E7TE, E7TE-DC, E7TE-NA Block #: E5TE-MB, E7TE, E7TE-A, E7TE-DB, F0TE, F2TE, F2TE-6015-BA, F2TE-BA, F4TE-6015-BA, FOTE-6015-DA, FOTE-DA			Exhaust Hgt:	1.8310-1.8610" (46.507-47.269 MM) *	
Notes:	EFI, MFI, GAS					
Comments:	* ENGINES WITH ROCKER BOLTS			** ENGINES WITH TORQUE-YIELD BOLTS BUILT 1993-> AFTER SEPT. 1 USE 45-55 FT/LBS. + 80-100° OF ROTATION.		
FORD	5.4	330	D		58-69	
New Height:	3.650" REPORTED (92.71 MM)					
Intake Pro / Rec:	.034" MAX V/PRO (.864 MM)			Exhaust Pro / Rec:	.034" MAX V/PRO (.864 MM)	
Castings Numbers:	Head #: 510E, 510E					
Notes:	DAGENHAM, DORSET, DIESEL					
Comments:	* 3 DIFF THKNS HEAD GASKETS AVAILABLE					
FORD	5.9	359		FD-1060	95-00	B-SERIES
New Height:	3.7470-3.7490" (95.174-95.225 MM)					
Intake Pro / Rec:	.039-.060" V/REC (.990-1.520 MM)			Min Height:	3.7000" (93.98 MM) *	
Castings Numbers:	Head #: 3904573, 3911273, 3919916 Block #: 32287, 3901204, 3905807D, 3912553			Exhaust Pro / Rec:	.039-.060" V/REC (.990-1.520 MM)	
Notes:	DIESEL, CUMMINS B-SERIES					
Comments:	* THICKER HEAD GASKET AVAILABLE					
FORD	5.9	362			69-82	DSD-362
New Height:	3.6500" (92.71 MM)					
Intake Pro / Rec:	+.010 TO -.020" (+.254 TO -.508 MM)			Exhaust Pro / Rec:	.034" MAX V/PRO (.864 MM)	
Castings Numbers:	Head #: 683F6090GAB Block #: C7NN-6015-AC					
Notes:	DSD 362, DORSET, DIESEL					
Comments:	*NATURALLY ASPIRATED *TURBO=INTAKE & EXHAUST.018 HOT			**4CYLINDER=.744-.745		
	**6CYLINDER=.743-.744					
FORD	5.9	362	ESD	ESD-659		ESD-659
New Height:	3.649-3.654" (92.685-92.812 MM)					
Intake Pro / Rec:	-.020+-.010" (-.508+-.254 MM)			Min Height:	3.629-3.634" (92.177-92.304 MM)	
Castings Numbers:				Exhaust Pro / Rec:	.017-.040" V/PRO (.432-1.016 MM)	
Notes:	ESD-659 DIESEL, OHV, D/I					
FORD	6.0	363	D	2703/C		2703/C
New Height:	3.6500" (92.71 MM)					
Intake Pro / Rec:	+.010 TO -.020" (+.254 TO -.508 MM)			Exhaust Pro / Rec:	.034" MAX V/PRO (.864 MM)	
Notes:	2703/C DIESEL, OHV, DIR INJ					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
FORD						
				6 Cylinders (cont.)		
FORD	6.0	363	D		64-70	
New Height: 3.6500" (92.71 MM)						
Intake Pro / Rec: +.010 TO -.020" (+.254 TO -.508 MM)				Exhaust Pro / Rec: .034" MAX V/PRO (.864 MM)		
Castings Numbers: Head #:683F6090GAB Block #: C7NN-6015-AC						
Notes: DSD, DAGENHAM, DORSET, DIESEL						
Comments: *NATURALLY ASPIRATED *TURBO CHARGED=INTAKE & EXHAUST.018 HOT **4CYLINDER=.744-.745 **6CYLINDER=.743-.744						
FORD	6.0	363	ESD	ESD-660T		ESD-660T
New Height: 3.649-3.654" (92.685-92.812 MM)						
Intake Pro / Rec: -.020+-.010" (-.508+-.254 MM)				Min Height: 3.629-3.634" (92.177-92.304 MM)		
Exhaust Pro / Rec: .017-.040" V/PRO (.432-1.016 MM)						
Castings Numbers: Head #:836F6090EAC						
Notes: ESD-660T TURBO DIESEL, OHV, D/I, 2728T						
FORD	6.2	380		2725		2725
New Height: 3.649-3.654" (92.685-92.812 MM)						
Intake Pro / Rec: -.020 TO +.010" (-.508 TO +.254 MM)				Min Height: 3.629-3.634" (82.177-92.304 MM)		
Exhaust Pro / Rec: .017-.040" V/PRO (.432-1.016 MM)						
Notes: DIESEL, 2725, NATURALLY ASPIRATED						
FORD	6.2	380			69-82	
New Height: 3.6700" (93.218 MM)						
Intake Pro / Rec: +.010 TO -.020" (+.254 TO -.508 MM)				Exhaust Pro / Rec: .017-.040" V/PRO (.432-1.016 MM)		
Castings Numbers: Head #:683F6090GAB Block #: C7NN-6015-AC						
Notes: DSD, DORSET, DIESEL						
Comments: *NATURALLY ASPIRATED *TURBO=INT & EXH .018 HOT **4CYLINDER=.744-.745 **6CYLINDER=.743-.744						
FORD	6.2	380	D	2715E		2715E & 2704C
New Height: 4.4000" (111.76 MM)						
Intake Pro / Rec: .034" MAX V/PRO (.864 MM)				Min Height: 4.3900" (111.506 MM)		
Exhaust Pro / Rec: .034" MAX V/PRO (.864 MM)						
Notes: DIESEL, 2715E, 2704C, DIR INJ, OHV						
Comments: * GUIDE ID: .3751-.3761						
FORD	6.2	380	ESD	ESD-662		ESD-662
New Height: 3.649-3.654" (92.685-92.812 MM)						
Intake Pro / Rec: -.020+-.010" (-.508+-.254 MM)				Min Height: 3.629-3.634" (92.177-92.304 MM)		
Exhaust Pro / Rec: .017-.040" V/PRO (.432-1.016 MM)						
Notes: ESD-662 DIESEL, OHV, D/I						
FORD	6.6	401		BSD-666	68-82	BSD-666
New Height: 4.5100" (114.554 MM)						
Intake Pro / Rec: .059-.084" V/REC (1.499-2.134 MM)				Min Height: N/A		
Exhaust Pro / Rec: .059-.084" V/REC (1.499-2.134 MM)						
Castings Numbers: Head #:609, C7NN-6090-AD, D4NN-6090, D5NN-6090-F, D9NN-6090-AC, D9NN-6090-CA, DONN6090C, DONN-6090-C Block #: D4NN-6015-A, D4NN-6015-N, D8NN-6015-DA						
Notes: DIESEL TRACTOR, D/I, 8600, 9600						
Comments: * SOME BLOCKS HAVE INSUFFICIENT HEAD BOLT THREAD DEPTH - USE BOTTOMING TAP IN BOLT HOLES PRIOR TO REASSEMBLY!						
FORD	6.6	401		BSD-666T	68-94	BSD-666T
New Height: 4.5100" (114.554 MM)						
Intake Pro / Rec: .059-.084" V/REC (1.499-2.134 MM)				Min Height: N/A		
Exhaust Pro / Rec: .059-.084" V/REC (1.499-2.134 MM)						
Castings Numbers: Head #:609, C7NN-6090-AD, D5NN-6090-F, D9NN-6090-AC, DONN-6090-C Block #: D4NN-6015-A						
Notes: TURBO DIESEL, D/I 8000 & 9000 SERIES TRACTORS						
Comments: * SOME BLOCKS HAVE INSUFFICIENT HEAD BOLT THREAD DEPTH USE BOTTOMING TAP PRIOR-REASSEMBLY * TW-25 & 30 TOO						
FORD	6.6	401		BSD-666T(2)	68-82	BSD-666T(2)
New Height: 4.5100" (114.554 MM)						
Intake Pro / Rec: .059-.084" V/REC (1.499-2.134 MM)				Min Height: N/A		
Exhaust Pro / Rec: .059-.084" V/REC (1.499-2.134 MM)						
Castings Numbers: Head #:609, C7NN-6090-AD, DONN-6090-C, D5NN-6090-F, D9NN-6090-AC, D9NN-6090-CA, DONN-6090-C Block #: D4NN-6015-A						
Notes: TURBO DIESEL, D/I 9600, 9700, TW20 & 30 TRACTORS						
Comments: * SOME BLOCKS HAVE INSUFFICIENT HEAD BOLT THREAD DEPTH USE BOTTOMING TAP PRIOR-REASSEMBLY * TW-25 & 30 TOO						

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
FORD						
				6 Cylinders (cont.)		
FORD	6.6	401	P	TRUCK	86-98	
New Height:	4.5200" (114.808 MM)			Min Height:	4.4800" (113.792 MM)	
Intake Pro / Rec:	.033-.052" V/REC (.838-1.321 MM)			Exhaust Pro / Rec:	.033-.052" V/REC (.838-1.321 MM)	
Casting Numbers:	Head #: E3HN-6090-AB, E5HN-6090-AB, E6HN-6090-AA Block #: E4HN-6015-AC					
Notes:	TURBO DIESEL TRUCK					
FORD	7.5	456		TRACTOR		
Intake Pro / Rec:	.034-.052" V/REC (.860-1.320 MM)			Exhaust Pro / Rec:	.046-.065" V/REC (1.170-1.650 MM)	
Notes:	TURBO DIESEL, 8670, 8770, 8870 & 8970 TRACTORS					
FORD	7.5	456		TRACTOR, GEM	95-99	GEMINI
Intake Pro / Rec:	.034-.052" V/REC (.860-1.320 MM)			Exhaust Pro / Rec:	.046-.065" V/REC (1.170-1.650 MM)	
Notes:	DIESEL, TURBO AND NON-TURBO					
FORD	7.8	474	A		86-95	
New Height:	4.5200" (114.808 MM)			Min Height:	4.4800" (113.792 MM)	
Intake Pro / Rec:	.033-.052" V/REC (.838-1.321 MM)			Exhaust Pro / Rec:	.033-.052" V/REC (.838-1.321 MM)	
Casting Numbers:	Head #: E5HK-6090-AE, E5HK-6090-AF, E6HN-6090-AA Block #: C5HN-6015-AE, E5HN-6015-AH, E5HN-6015-BD					
Notes:	TURBO DIESEL TRUCK					
FORD	8.3	505		FD-1460	95-00	CUMMINS C-
New Height:	4.5570-4.5770" (115.750-116.250 MM)			Min Height:	4.5180" (114.750 MM)	
Intake Pro / Rec:	.027-.043" V/REC (.690-1.090 MM)			Exhaust Pro / Rec:	.043-.064" V/REC (1.090-1.620 MM)	
Casting Numbers:	Block #: 3914018, 3914255, 3926568, 3926724, 8914015					
Notes:	DIESEL, CUMMINS C-SERIES					
FORD						
				8 Cylinders		
FORD	3.4	207	N	TAURUS SHO	96-99	YAMAHA
Min Height:	.010" MAX REMOVE (.254 MM)					
Casting Numbers:	Head #: F5DE-AA Block #: F5DE-ED, F5DE-EH					
Notes:	DOHC, TAURUS SHO, 32 VALVE, 60°, YAMAHA ENGINE					
FORD	3.9	241	A	LINCOLN LS	00-04	
Min Height:	.010" MAX REMOVE					
Notes:	SFI, THUNDERBIRD TOO					
FORD	4.2	255	D		80-82	
Intake Hgt:	2.1730-2.2030" (55.194-55.956 MM)			Exhaust Hgt:	2.1570-2.1870" (54.788-55.55 MM)	
Casting Numbers:	Head #: E0SE-AC Block #: 80TM, E0SE-A2E, E0SE-AE					
Notes:	CAR & TRUCK					
Comments:	*1980-81 EX & 80 INT SPRINGS = 190-210# @1.200					
FORD	4.2	256	V8		44-55	
Intake Hgt:	1.8000-1.8300" (45.72-46.482 MM)			Exhaust Hgt:	1.8000-1.8300" (45.72-46.482 MM)	
Casting Numbers:	Head #: 8CM, EAC, EBY					
Notes:	TRUCK "FLATHEAD V8"					
FORD	4.3	260		MERCURY MET	63-64	
Intake Hgt:	1.9700-2.0000" (50.038-50.8 MM)			Exhaust Hgt:	1.9700-2.0000" (50.038-50.8 MM)	
Casting Numbers:	Head #: C2OE-F, C3OE-B, C4OE-B Block #: C1TE-A, C1TE-B, C1TE-C, C2OE-A, C2OE-G, C2OE-J, C2TE-A, C30E-B, C3AE, C3OE-B, C3OE-C, C3TE-C, C3TE-D, C3TE-E, C4OE-B, C4OE-C, C4OE-D, C4OE-E, C4OE-F, C4TE-C, C4TE-Q					
Notes:	MERCURY METEOR, FAIRLANE, FALCON, 64 1/2 MUSTANG					
FORD	4.4	272			56-66	Y
Intake Hgt:	1.9530-1.9830" (49.606-50.368 MM)			Exhaust Hgt:	1.9530-1.9830" (49.606-50.368 MM)	
Casting Numbers:	Head #: 113, 471, 5750471, 5752113, B9TE, C0AE, C0AE-A, C0TE, C1TE-D, C2TZ-A, ECG, ECL, ECR, ECZ, ECZ-A, ECZ-B, ECZ-C, ECZ-G Block #: B7AE, B9AE, B9AE-F, C0TE-8, C1AE-R, C1TE, C2AE-A, C2AE-C, ECK, ECK-B, ECZ, EDB, EDB-E, EDV					
Notes:	GAS					
FORD	4.6	279			52-55	
Intake Hgt:	1.9530-1.9830" (49.606-50.368 MM)			Exhaust Hgt:	1.9530-1.9830" (49.606-50.368 MM)	
Casting Numbers:	Block #: EAD					
Notes:	GAS					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
FORD				8 Cylinders		(cont.)
FORD	4.6	281	6		96-01	TRITON
New Height:	5.3100-5.3120" (134.874-134.925 MM) *			Min Height:	N/A	
Intake Hgt:	2.140" (54.356 MM) *			Exhaust Hgt:	2.140" (54.356 MM) *	
Castings Numbers:	Head #: 0, F65E-B20A, F65E-MCA, RF1L2E6090D22D, RFF65E-D20A, RFXL3E C20D Block #: F65E-BB, F75E					
Notes:	SOHC, TRITON, WINDSOR MODULAR					
Comments:	* REPORTED, FORD HAS NOT SUPPLIED MINIMUM HEIGHT FOR THE CYLINDER HEAD, USE NEW HEAD BOLTS! ** 65#S @ 1.575" OTHER THAN MUSTANG INST HT PERF IMPROVED HEAD CAST# XL3E-C20-D + RF1L2E6090D22D					
FORD	4.6	281	V		93-03	
New Height:	5.310-5.312" (134.874-134.925 MM) *			Exhaust Hgt:	1.940" (49.276 MM) *	
Intake Hgt:	2.140" (54.356 MM) *					
Castings Numbers:	Head #: F3AE-1A, F6LE-MAA, F74E-MAD Block #: F6LE-AB, F6OE-AB, F8OE-AB, RFF1AE5098					
Notes:	DOHC, PFI, 90° V8, MODULAR/ (99W)					
Comments:	* REPORTED ** COBRA HEAD 53.5CC					
FORD	4.6	281	W, 9	CROWN VICT	97-04	
New Height:	5.3100-5.3120" (134.874-134.925 MM) *			Min Height:	N/A	
Intake Hgt:	2.140-2.165" *			Exhaust Hgt:	2.140-2.165" *	
Castings Numbers:	Head #: F65AM-BB, F65EM-BB					
Notes:	SOHC, MPI, 16 VLV, COMPRESSED NAT'L GAS, ROMEO BUILT					
Comments:	* INSTALLED HEIGHT (PI) PERFORMANCE IMPROVED HEAD 2.230-2.240". ** LP VALVES ARE FLAT ON THE CHAMBER SIDE, STANDARD VALVES ARE DISHED.					
FORD	4.6	281	W, X		91-05	
New Height:	5.3100-5.3120" (134.874-134.925 MM) *			Min Height:	N/A *	
Intake Hgt:	2.140-2.165" **			Exhaust Hgt:	2.140-2.165" **	
Castings Numbers:	Head #: 1L2E-D22D, F1AE-H18, F1AE-H24, F1AE-H24C, F2AE, F4AE-A22A, F4AE-A22B, F4AE-A24A, F5AE-A23E, F5AE-A24E, F5AE-B22A, F5AE-B24A, RFF1AE6090CH24, RFF1AE6090H3, RFF1AE6090HC, RFF2AE6090HC Block #: F1AE-AK, F1AE-AM, F2VE-AK, F2VE-BD, F2VE-BJ, F4VE-AA, F65E6015CC, F65E-CC, F6VE, F7AE, F7VE, RFE1AE6015AK, RFF2VE6015BB, XW7E					
Notes:	SOHC, 90° V8, EFI, MODULAR/ (99W), ROMEO BLT					
Comments:	* FORD HAS NOT SUPPLIED MINIMUM HEIGHT **** 1994-95 30-33#, +85-95°, +85-95° 1996-02 28-31 FT/LBS + 85-95° LOOSEN BOLTS 360° TIGHTEN 28-31 FT/LBS + 85-95°, & + 85-95°. CAM CAP BOLTS 72-106 IN/LBS LOOSEN TWO TURNS 72-106 IN/LBS.					
FORD	4.6	281	Y	MUSTANG	03-05	
Intake Hgt:	2.125" REPORTED			Exhaust Hgt:	1.930" REPORTED	
Notes:	DOHC, COBRA, SUPERCHARGED 390 HP					
FORD	4.7	289	K	FALCON	64-68	90°V
Intake Hgt:	1.9380-1.9680" * (49.225-49.987 MM)			Exhaust Hgt:	1.9380-1.9680" * (49.225-49.987 MM)	
Castings Numbers:	Head #: C3AE, C3AE-A, C3AE-F, C3OE-E, C3OE-F, C4AE-C, C4OE-B, C5AE, C5AE-B, C5AE-B-686B, C5AE-E, C5OE-A, C6AE, C6AE-B, C6AE-G, C6OE, C6OE-AA, C6OE-C, C6OE-E, C6OE-M, C6OE-N, C6TE-G, C7AE, C7OE-A, C7OE-B, C7OE-C, C7OF-D, C8AE, C8AZ-D, C8OE, C8OE-D, C8OE-F, C8TE-A, C8ZE-B, C9OE-M Block #: C3AE-1, C3AE-N, C3OE-G, C4AE, C4OE-B, C4OE-C, C4OE-D, C4OE-F, C4OE-G, C5AE, C5AE-A, C5AE-E, C5OE-A, C6AE, C6AE-C, C6AE-N, C8OE, C8OE-A					
Notes:	4V SPECIAL 271 HP, FALCON, MUSTANG, MERCURY COMET					
Comments:	* HEAD WITH ROUND PUSH ROD HOLES 1.9700-2.0000 I/S/H ** MILL SMALL CHAMBER HEADS 1963 1/2 -64 HEADS-REDUCE ONE CC .0085", MILL LARGER CHAMBER HEADS 1964 1/2 -65 HEADS-REDUCE ONE CC .0070"					
FORD	4.8	292			55-66	Y
Intake Hgt:	2.0000-2.0110" * (52.781-53.543 MM)			Exhaust Hgt:	2.0000-2.0300" * (50.8-51.562 MM)	
Castings Numbers:	Head #: 113, 471, 5750471, 5752113, B9TE, C0AE-A, C0TE, C1AE, C1TE-D, C2TZ-A, EBV, ECG, ECG-C, ECK, ECK-B, ECK-ECZ, ECL, ECL-ECK, ECR, ECR-A, ECX, ECZ, ECZ-A, ECZ-B, ECZ-C, ECZ-G Block #: B5A-E, B7AE, B9AE, C0TE, C0TE-8, C1AE, C1AE-R, C1TE, C2AE, C2AE-A, C2AE-C, EBY, EBY-F, ECG, ECG-A, ECG-B, ECG-C, ECK, ECK-B, ECZ, EDB, EDB-E, EDV, KBY					
Notes:	ALSO USED IN MARINE REVERSE ROTATION					
Comments:	* SOME ENGINES USE 1.9530-1.9830" FOR VALVE I/S/H ** 4 BBL ENGINES USE 80 FT/LBS					
FORD	5.0	302	D		95-97	
Intake Hgt:	2.210"			Exhaust Hgt:	2.210"	
Castings Numbers:	Head #: F1ZE-AA, F2PE, F2PE-BA, F3ZE-AA Block #: F1SE					
Notes:	SHP, COBRA, GT40					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
FORD						8 Cylinders (cont.)
FORD	5.0	302	E		87-93	
New Hgt:	3.470" MEASURED FROM DECK-ROCKER STU					
Intake Hgt:	2.1570-2.1870" (54.788-55.55 MM)			Exhaust Hgt:	2.1570-2.1870" (54.788-55.55 MM)	
Casting Numbers:	Head #: E5TE-A2B, E5TE-AB, E6FE, E6FE-AA, E6SE, E7AE-AA, E7TE-AA, E7TE-PA Block #: E5SE-C3B, E6SE-BA, E7TE, E7TE-CA, E7TE-EA, F1SE					
Notes:	MFI, H.O.					
Comments:	** FLANGED HEX HEAD BOLTS: 25-35, 45-55 FT/LBS, + 90°					
FORD	5.0	302	F		56-65	
New Hgt:	3.470" MEASURED FROM DECK-ROCKER STU					
Intake Hgt:	1.9350-1.9650" (49.149-49.911 MM)			Exhaust Hgt:	1.8100-1.8400" (45.974-46.736 MM)	
Casting Numbers:	Head #: 5750117, 5750119, 5750492, 5752119, C2TE-B, C3TE-E, C7AE, ECS-A, ECS-E Block #: 5750174, 5750462, C3TE-A, C3TE-B					
Notes:	GAS TRUCK NOT 289-302 STYLE ENGINE					
FORD	5.0	302	F		68-69	
Intake Hgt:	1.9070-1.9370" (48.438-49.2 MM) *			Exhaust Hgt:	1.9070-1.9370" (48.438-49.2 MM) *	
Casting Numbers:	Head #: C7OE-G, C8AE-F, C8AE-J, C8OE-J, C8OE-J-860, C8OE-M, C8TE, C9OE-E, C9TE-B, C9TE-C-856, C9ZE-A, D0OE-B, D2OE-BA, D3OE-BA, D3OE, D3UE-AA, DOOE-B Block #: 68OE-B, C8AE-B, C8AM-B, C8OE-A, C8TE-B, C9DE-C, C9O3-C, C9OE-A, C9OE-C					
Notes:	TRUCK					
Comments:	* LATER HEADS ARE 2.157-2.187" 25-35, 45-55 FT/LBS, +90°			** FLANGED HEX HEAD BOLTS:		
FORD	5.0	302	F		68-73	
Intake Hgt:	2.1570-2.1870" (54.788-55.55 MM)			Exhaust Hgt:	2.1570-2.1870" (54.788-55.55 MM)	
Casting Numbers:	Head #: C7OE-C, C7OE-G, C8OE-L, C8AE-J, C8DE-F, C8OE-F, C8OE-J, C8OE-K, C8OE-M, C9TE-C, D0OE-B, D1TZ-A, D2OE-BA Block #: C5AE, C6AE, C8AE-B, C8AM-B, C8OE, C8OE-A, C8OE-B, C8TE-B, C9DE-C, C9O3-C, C9OE-A, C9OE-C, C9TE, D1MZ-AA, D1OE-AA, D1TZ-E, D1ZM, D1ZM-A, D1ZM-AA, D1ZM-DA, D2OE, D2OE-AB, D4DE, D4DE-AA					
Comments:	** FLANGED HEX HEAD BOLTS: 25-35, 45-55 FT/LBS, +90°					
FORD	5.0	302	F		74-82	
Intake Hgt:	2.1570-2.1870" (54.788-55.55 MM)			Exhaust Hgt:	2.1570-2.1870" (54.788-55.55 MM)	
Casting Numbers:	Head #: D7OE-DA, D8OE-AB Block #: 75ZY, C5AE-E, C6AE-C, C8AE-B, C8AM-B, C8OE, C8OE-A, C8OE-B, C8TE-B, C9DE-C, C9O3-C, C9OE-A, C9OE-C, D1MZ-AA, D1OE-AA, D1ZM-A, D1ZM-AA, D1ZM-DA, D2OE-AB, D4DE, D4DE-AA, D4DE-BA, D4OE-AA, D5ZY-AA, D80E, D8VE, D8VE-A3A, D9DE, D9OE, E0AE					
Notes:	CAR/TRUCK					
Comments:	** FLANGED HEX HEAD BOLTS 25-35, 45-55 FT/LBS, +90°					
FORD	5.0	302	F		83-87	
Intake Hgt:	2.1570-2.1870" (54.788-55.55 MM)			Exhaust Hgt:	2.1570-2.1870" (54.788-55.55 MM)	
Casting Numbers:	Head #: D0AE, D1AE, D3A, D4AE, D8OE-AB, E5AE-, E5AE-CA, E5OE, E5TE-A2B, E5TE-AB, E6FE, E6SE, E6SE-AA, E7TE-AA, E7TE-PA, F5AE-CA Block #: 838Y, D8DE, D9OE, E08E, E0AE, E0AE-D3C, E5AE-, E5AE-C3B, E5SE-C3B, E6SE-BA, E7TE-CA, E7TE-EA, E0AE-D3C					
Notes:	EFI, H.O.					
Comments:	** FLANGED HEX HEAD BOLTS: 25-35, 45-55 FT/LBS, +90°					
FORD	5.0	302	F		84-87	
Intake Hgt:	2.1570-2.1870" (54.788-55.55 MM)			Exhaust Hgt:	2.1570-2.1870" (54.788-55.55 MM)	
Casting Numbers:	Head #: D5AE-CA, D8OE-AB, D8OE-AB, E5AE, E5AE-CA, E5OE, E5TE-A2B, E5TE-AB, E6FE, E6SE, E6SE-AA, E7TE-AA, E7TE-PA Block #: D8DE, D8DE-AA, D9OE, E0AE, E5AE, E5AE-C3B, E5SE-C3B, E6SE, E6SE-BA, E7TE, E7TE-CA, E7TE-EA, E0AE-D3C					
Notes:	EFI, EXCEPT H.O.					
Comments:	*EXHAUST VALVE LENGTH 1980-81: 5.010 ** 1982 EXHAUST VLVSPG OPEN 195-214#@ 1.150 *** FLANGED HEX HEAD BOLTS 1ST STEP 25-35 FT/LBS, 2ND STEP 45-55 AND 3RD STEP 90° OF ROTATION					
FORD	5.0	302	F		88-93	
Intake Hgt:	2.1570-2.1870" (54.788-55.55 MM)			Exhaust Hgt:	2.1570-2.1870" (54.788-55.55 MM)	
Casting Numbers:	Head #: E5TE-A2B, E5TE-AB, E6FE, E6SE, E6SE-AA, E7AE-AA, E7TE-AA, E7TE-PA Block #: E5AE-C3B, E5SE-C3B, E6SE-BA, E7TE, E7TE-CA, E7TE-EA, F1SE					
Notes:	EFI, ROLLER CAM					
Comments:	** FLANGED HEX HEAD BOLTS: 25-35, 45-55 FT/LBS, +90°					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
FORD					8 Cylinders	(cont.)
FORD	5.0	302	G		69-71	
Intake Hgt:	2.160-2.190" (54.864-55.626 MM)			Exhaust Hgt:	2.160-2.190" (54.864-55.626 MM)	
Castings Numbers:	Head #: C9ZE-A, D0ZE-A, D1ZE-A Block #: 69ZE, C8FE, D0ZE-B, D1ZE-6015-BA					
Notes:	BOSS 302 CU" 290 HP SOLID CAM LIFTER CAMSHAFT					
Comments:	* WITH SPRING SEAT CUP					
FORD	5.0	302	G		74-81	
New Height:	3.470" MEASURED FROM DECK-ROCKER STU					
Intake Hgt:	2.1570-2.1870" (54.788-55.55 MM)			Exhaust Hgt:	2.1570-2.1870" (54.788-55.55 MM)	
Castings Numbers:	Head #: D7OE-DA, D8OE-AB Block #: 75ZY, C5AE-, C5AE-E, C6AE-, C6AE-C, C8AE-B, C8AM-B, C8OE-, C8OE-A, C8OE-B, C8TE-B, C9DE-C, C9O3-C, C9OE-A, C9OE-C, D1MZ-AA, D1OE-AA, D1ZM-, D1ZM-A, D1ZM-AA, D1ZM-DA, D2OE-, D2OE-AB, D4DE-, D4DE-AA, D4DE-BA, D4OE-AA, D5ZY-AA, D8VE-, D9DE-, E0AE					
Notes:	TRUCK					
Comments:	** FLANGED HEX HEAD BOLTS: 25-35, 45-55 FT/LBS, +90°					
FORD	5.0	302	M		84-87	
Intake Hgt:	2.1570-2.1870" (54.788-55.55 MM)			Exhaust Hgt:	2.1570-2.1870" (54.788-55.55 MM)	
Castings Numbers:	Head #: D0AE, D1AE, D3A, D4AE, D5AE-CA, D80E-AB, D80E-AB, D80E-BB, D94E-AA, D90E-AA, E5AE, E5AE-CA, E5OE, E5SE-AA, E5TE-A2B, E5TE-AB, E6SE, F5AE-CA Block #: D8DE, D9OE, E0AE, E5AE, E5AE-C38, E5SE-C3B, E6SE, E6SE-BA, E7TE, E7TE-CA, E7TE-EA, EOAE-D3C					
Notes:	4BC, EFI, CFI, HO, W/ WITHOUT ROLLER					
Comments:	** FLANGED HEX HEAD BOLTS 1ST STEP 25-35 FT/LBS, 2ND STEP 45-55 AND 3RD STEP 90° OF ROTATION					
FORD	5.0	302	M		86-86	
Intake Hgt:	2.1570-2.1870" (54.788-55.55 MM)			Exhaust Hgt:	2.1570-2.1870" (54.788-55.55 MM)	
Castings Numbers:	Head #: D80E-AB, E5AE-CA, E5OE, E5TE-A2B, E5TE-AB Block #: D8DE, D9OE, E5SE-C3B, E6SE-BA, EOAE-D3C					
Notes:	EFI, ODD BALL VALVE LENGTH 1986 ONLY					
Comments:	** FLANGED HEX HEAD BOLTS 1ST STEP: 25-35, 45-55 FT/LBS, +90°					
FORD	5.0	302	N		85-97	
Intake Hgt:	2.1570-2.1870" (54.788-55.55 MM)			Exhaust Hgt:	2.1570-2.1870" (54.788-55.55 MM)	
Castings Numbers:	Head #: D7OE, D8OE, E5AE-CA, E5OE, E5TE-A2B, E5TE-AB, E6FE, E6SE, E6SE-AA, E6TE-AB, E6TE-NA, E7AE-AA, E7TE-AA, E7TE-PA Block #: D8DE, D9OE, E0AE-, E5AE-, E5SE-C3B, E6SE-, E6SE-BA, E7TE, E7TE-CA, E7TE-EA, F1SE, F1SE-BB					
Notes:	MFI, TRUCK					
Comments:	*** FLANGED HEX HEAD BOLTS: 25-35, 45-55 FT/LBS, +90°					
FORD	5.0	302	P	EXPLORER	97-00	
Intake Hgt:	2.157-2.187"			Min Height:	.010" (.254 MM) MAX REMOVE	
Castings Numbers:	Head #: F1ZE-AA, F2PE-BA, F3AE-AA, F77E Block #: E7TE-CA, E7TE-EA, F1SE-BB					
Notes:	SFI, EXPLORER, MOUNTAINEER					
FORD	5.0	302	T		91-95	
Intake Hgt:	2.1570-2.1870" (54.788-55.55 MM)			Exhaust Hgt:	2.1570-2.1870" (54.788-55.55 MM)	
Castings Numbers:	Head #: E7AE-AA, E7TE, E7TE-PA, F0JE-AA, FOJE-AA Block #: E7TE-CA, E7TE-EA, F1SE, F1SE-BB					
Notes:	TBI, OHV, HO, (99T), ROLLER CAM					
Comments:	*1995 70.2 CC BOLTS: 25-35, 45-55 FT/LBS, +90°			** FLANGED HEX HEAD		
FORD	5.1	312		FAIRLANE	56-60	Y
Intake Hgt:	1.9230-1.9530" * (48.844-49.606 MM)			Exhaust Hgt:	1.9230-1.9530" * (48.844-49.606 MM)	
Castings Numbers:	Head #: B9TE, ECZ-B, ECZ-C, ECZ-E, ECZ-F, ECZ-G, EDB-B, EDB-D, EDB-E Block #: B7AE, B7ME-A, ECZ, ECZ-A, ECZ-C, EDB					
Notes:	T-BIRD, 40A, 40B, FAIRLANE, PICKUP					
Comments:	* REPORTED ECZ-G HEAD INTAKE 2.0000 -2.0110", EXHAUST 2.0000-2.0350"					
FORD	5.4	330	A	NAVIGATOR	99-01	
New Height:	5.310-5.312" (134.874-134.925 MM) REPORTE					
Intake Hgt:	NOT PROVIDED BY OEM			Exhaust Hgt:	NOT PROVIDED BY OEM	
Castings Numbers:	Head #: XLIEAE, XLIE-AE Block #: F75EAG, F75E-AG					
Notes:	DOHC, SFI, LINCOLN NAVIGATOR					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
FORD				8 Cylinders		(cont.)
FORD	5.4	330	HD		66-76	FE
New Height:	3.3450-3.3750" (84.963-85.725 MM) *					
Intake Hgt:	2.1100-2.1400" (53.594-54.356 MM) **			Exhaust Hgt:	2.1100-2.1400" (53.594-54.356 MM) **	
Castings Numbers:	Head #: C4TE, C4TE-A, C4TE-AA, C4TE-C, C4TE-D, C4TE-E, C4TE-F, C4TG-C, C4TG-E, C4TG-G, C7TE, C7TE-C, C7TE-D, C8TE-B, C8TE-D, D1TE-FA, D3TE-FA, D4TE, D4TE-AA Block #: C4AE, C4AE-A, C4TE-A, C4TE-C, C4TE-F, C4TE-G, C4TE-K, C4TE-L, C5AE, C5AE-A, C6AE-A, C6ME, C6ME-A, C7ME, C7ME-A, C8DE-E, D2TE, D3TE, D3TE-SA, D4TE					
Notes:	HD, TRUCK					
Comments:	**INSTALLED VALVE TIP FROM ROCKER PAD MOUNTING-VALVE TIP IS 1.580". *HEAD THICKNESS MEASURED FROM INNER HEAD BOLT PAD-DECK. *** HD EXHAUST STEM .4338-.4348" CLEARANCE .002-.004" WITH .006" MAX					
FORD	5.4	330	L	NAVIGATOR	98-05	
New Height:	5.3100-5.3120" (134.874-134.925 MM) ** ***			Min Height:	N/A	
Intake Hgt:	2.2110-2.2300"			Exhaust Hgt:	2.2110-2.2300"	
Castings Numbers:	Head #: 2L1E6090C20B, F75E-C20, F75E-C20-A Block #: F6DE6015FD					
Notes:	SOHC, EFI, 90° V8, MODULAR, + F-350					
Comments:	* HEAD THICKNESS MEASURED FROM INNER HEAD BOLT PAD-DECK. ** LP VALVES ARE FLAT ON THE CHAMBER SIDE, STANDARD VALVES ARE DISHED. *** REPORTED HEAD THICK MEASURED DECK - V/COVER RAIL MEMBER # 1670 09-26-2005 MC **** SPRING FOR 97-99,-> SEE INNER					
FORD	5.4	330	LD		62-65	FE
New Height:	3.3450-3.3750" (84.963-85.725 MM) *					
Intake Hgt:	2.1100-2.1400" (53.594-54.356 MM) **			Exhaust Hgt:	2.1100-2.1400" (53.594-54.356 MM) **	
Castings Numbers:	Head #: C4TE, C4TE-A, C4TE-AA, C4TE-C, C4TE-D, C4TE-E, C4TE-F, C4TG-C, C4TG-E, C4TG-G, C7TE-C, C7TE-D, C8TE-B, C8TE-D, D1TE-FA, D3TE-FA, D4TE-AA Block #: C4AE-A, C4TE-A, C4TE-C, C4TE-F, C4TE-G, C4TE-K, C4TE-L, C5AE-A, C6AE-A, C6ME-A, C7ME-A, C8DE-E, D2TE, D3TE-SA, D4TE					
Notes:	LIGHT DUTY TRUCK					
Comments:	**INSTALLED VALVE TIP FROM ROCKER PAD MOUNTING-VALVE TIP IS 1.580". *HEAD THICKNESS MEASURED FROM INNER HEAD BOLT PAD-DECK.					
FORD	5.4	330	R	NAVIGATOR	01-03	
Intake Hgt:	2.135" *			Exhaust Hgt:	1.935" *	
Castings Numbers:	Head #: RFYL7E6C064AC					
Notes:	DOHC, SFI, LINCOLN NAVIGATOR					
Comments:	* REPORTED					
FORD	5.4	332	CAR		58-59	FE
Intake Hgt:	2.1100-2.1400" (53.594-54.356 MM) **			Exhaust Hgt:	2.1100-2.1400" (53.594-54.356 MM) **	
Castings Numbers:	Head #: 117, 119, 5750117, 5750119, 5752120, C2TE, C2TE-A, C2TE-A-490, C3TE-B, C4TE, C4TE-A, C4TE-AA, C4TE-C, C4TE-D, C4TE-E, C4TE-F, C4TG-C, C4TG-E, C4TG-G, C7TE, C7TE-C, C7TE-D, C8TE-B, C8TE-D, D1TE, D1TE-FA, D3TE-FA, D4TE-AA, ECS, ECT, ECT-A, EDC Block #: 5750218, 5750281, 5750603, B6TE-A, C3TE, C3TE-A, C3TE-B, C4AE, C4AE-A, C4TE-A, C4TE-C, C4TE-F, C4TE-G, C4TE-K, C4TE-L, C5AE-A, C6AE-A, C6ME, C6ME-A, C7ME, C7ME-A, C8DE-E, D2TE, D3TE-SA, ECT, ECT-A, EDC, EET					
Notes:	GAS, CAR					
Comments:	** INSTALLED VALVE TIP FROM ROCKER PAD MOUNTING-VALVE TIP IS 1.580"					
FORD	5.8	351	G		80-82	90°V
Intake Hgt:	2.1570-2.1870" (54.788-55.55 MM)			Exhaust Hgt:	2.1570-2.1870" (54.788-55.55 MM)	
Castings Numbers:	Head #: D5AA-CA, D5TE, D5TE-DA, D5TE-EB, D7OE, D80E-AB, D80E, D80E-AB, D80E-BB, D80E-CB, D8TE, D8TE-AB, D8TE-BB, D9AE, D9AE-BA, D9AE-BB, D9AZ, D9OE-G, E5AE, E5AE-CA Block #: D4AE, D9AE, D9AE-EB, D9AE-EC, D9AE-ED, E3AE, E3AE-BA, E4AE, E4AE-FA, E4AE-FA5					
Notes:	WINDSOR, H.O.					
Comments:	* 1980-81 EX. SPRING: 190-214# @ 1.200					
FORD	5.8	351	G		83-91	
Intake Hgt:	2.1570-2.1870" (54.788-55.55 MM)			Exhaust Hgt:	2.1570-2.1870" (54.788-55.55 MM)	
Castings Numbers:	Head #: D5TE, D5TE-DA, D5TE-EB, D7OE-A, D7OE-DA, D7OE-DC, D7OE-GB, D80E-AB, D80E, D80E-AB, D80E-BB, D80E-CB, D8TE, D8TE-AB, D8TE-BB, D9AE, D9AE-BA, D9AE-BB, D9OE-G, E5AE, E5AE-CA, E7TE-PA, E8JLAA Block #: D4AE-AA, D9AE-EB, D9AE-EC, D9AE-ED, E3AE, E3AE-BA, E4AE, E4AE-FA, E4AE-FA5, E5AE-AA, E8AE-AA, E9AE, E9AE-AA					
Notes:	WINDSOR, H.O.					
FORD	5.8	351	G,Q		75-82	M
Intake Hgt:	2.0700-2.1000" (52.578-53.34 MM)			Exhaust Hgt:	2.0200-2.0500" (51.308-52.07 MM)	
Castings Numbers:	Head #: D4AE-AA, D4AE-B2A, D5AE, D5AE-A, D5AE-A2A, D5AE-A3A, D5AE-AA, D5AE-BA Block #: D1AE, D1AE-A, D1AE-A1C, D1AE-A2C, D1AE-AB, D1AE-AC, D1AE-C, D1EA-A, D4AE, D4AE-B2A, D4AE-D2A, D7TE, D7TE-A2B, D7TE-A3B					
Notes:	351-M, MODIFIED, CAR & TRUCK					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
FORD				8 Cylinders (cont.)		
FORD	5.8	351	H		69-78	
Intake Hgt:	2.1570-2.1870" (54.788-55.55 MM)			Exhaust Hgt:	2.1570-2.1870" (54.788-55.55 MM)	
Casting Numbers:	Head #: C90E-A, C90E-D, D00E-C, D00E-G, D00E-Z, D5TE-EB, D80E-AB Block #: C90E-B, D1AE, D2AE, D2AE-B4A, D2AE-BA, D2AE-BA1, D4AE, D4AE-AA, D7TE-AB, D9AE, D9AE-EB, D9AE-EC, D9AE-ED					
Notes:	WINDSOR					
Comments:	* USE FOR INTAKE & EXHAUST 1969 & 70					
FORD	5.8	351	H		79	
Intake Hgt:	2.1570-2.1870" (54.788-55.55 MM)			Exhaust Hgt:	2.1570-2.1870" (54.788-55.55 MM)	
Casting Numbers:	Head #: D5AE-A, D5AE-CA, D5DE-AB, D5OE, D5OE-A, D5OE-A3B, D5OE-A4B, D5OE-AB, D5TE, D5TE-DA, D5TE-EB, D70E-DC, D70E-A, D70E-DA, D70E-DC, D70E-GB, D80E-AB, D80E, D80E-AB, D80E-BB, D80E-CB, D8TE-AB, D8TE-BB, D9AE-A, D9AE-BB, D90E-G, E5AE-CA Block #: D2AE-B4A, D2AE-BA, D2AE-BA1, D4AE-AA, D9AE-EB, D9AE-EC, D9AE-ED, E4AE-FA, E4AE-FA5, E5AE-AA, E9AE-AA					
Notes:	WINDSOR					
FORD	5.8	351	H		84-97	
Intake Hgt:	2.1570-2.1870" (54.788-55.55 MM)			Exhaust Hgt:	2.1570-2.1870" (54.788-55.55 MM)	
Casting Numbers:	Head #: D80E-AB, D80E-BB, D80E, D80E-AB, D80E-BB, D8TE, D8TE-BB, D9AE, D9AE-BA, D9AE-BB, E5AE, E5AE-CA, E5TE-AB, E7TE-PA, E8JLAA, F1ZE-AA Block #: E3AE, E3AE-BA, E4AE, E4AE-FA, E4AE-FA5, E5AE-AA, E9AE-AA, F0AE-AA, F4TE-AA, F4TE-AAS, FOAE-AA					
Notes:	WINDSOR					
FORD	5.8	351	M		69-71	90°
Intake Hgt:	2.1570-2.1870" (54.788-55.550 MM)			Exhaust Hgt:	2.1570-2.1870" (54.788-55.550 MM)	
Casting Numbers:	Head #: C90E-B, C90E-D, D00E-C, D00E-G Block #: C90E-B					
Notes:	WINDSOR					
Comments:	* USE FOR INTAKE AND EXHAUST 1969 & 1970.					
FORD	5.8	351	Q		68-74	90°V
Intake Hgt:	2.1570-2.1870" (54.788-55.55 MM)			Exhaust Hgt:	2.1570-2.1870" (54.788-55.55 MM)	
Casting Numbers:	Head #: C90E-B, C90E-D, D00E-C, D00E-G, D00Z-C Block #: C90E-B, D1AE-DA, D2AE-B4A, D2AE-BA, D2AE-BA1, D4AE-AA					
Notes:	WINDSOR					
FORD	5.8	351	Q		70-74	355
Intake Hgt:	2.0700-2.1000" (52.578-53.34 MM) *			Exhaust Hgt:	2.0700-2.1000" (52.578-53.34 MM) *	
Casting Numbers:	Head #: D0AE, D0AE-A, D0AE-G, D0AE-H, D0AE-J, D0AE-N, D0AE-R, D1AE, D1AE-A, D1AE-A1C, D1AE-AB, D1AE-AC, D1AE-GA, D1VE, D1ZE-DA, D3AE, D3AE-A1A, D3AE-A2B, D3AE-G2B, D3ZE, D3ZE-AA, D4AE, D4AE-AA, D4AE-BA, DOOF-AB-AC, E2ZM-A3 Block #: D0AE, D0AE-J, D1AE, D1AE-A, D2AE, D2AE-CA					
Notes:	CLEVELAND, 2V, 4V					
Comments:	* 4BBL HYD HEADS REPORTED 2.020" 4BBL HIGH/PERF HEADS SOLID LIFTERS 2.1600-2.1900 FOR VALVE I/S/H					
FORD	5.8	351	R	F150	93-96	90°V
				Min Height:	.010" MAX REMOVE (.254 MM)	
Casting Numbers:	Head #: F1ZE-AA Block #: FOAE-AA, F4TE-AA					
Notes:	PFI, WINDSOR, F150 TRUCK, LIGHTNING					
FORD	5.8	352			58-67	FE
New Height:	3.3450-3.3750" (84.963-85.725 MM) *					
Intake Hgt:	2.1100-2.1400" (53.594-54.356 MM) **			Exhaust Hgt:	2.1100-2.1400" (53.594-54.356 MM) **	
Casting Numbers:	Head #: 5752143, B9AE, C0AE, C4AE, C5AE, C6AE, C6AE-G, D2TE-AA, EDC-E Block #: C1AE, C2AE, C3AE-A, C3AE-E, C3AE-F, C3AE-G, C4AE-A, C5AE-A, C6AF, C7AE, EDC					
Notes:	390 STYLE ENGINE, SMALLER BORE AND SHORTER STROKE					
Comments:	**INSTALLED VALVE TIP FROM ROCKER PAD MOUNTING-VALVE TIP IS 1.580". *HEAD THICKNESS MEASURED FROM INNER HEAD BOLT PAD-DECK.					
FORD	5.9	360	Y		68-78	FE
New Height:	3.3450-3.3750" (84.963-85.725 MM) *					
Intake Hgt:	2.1100-2.1400" (53.594-54.356 MM) **			Exhaust Hgt:	2.1100-2.1400" (53.594-54.356 MM) **	
Casting Numbers:	Head #: C3AE, C4AE, C4TE-A, C4TE-D, C6AE, C7AE, C7TE-C, C8AE, C8AE-A, C8AE-B, C8AE-H, D2TE-AA Block #: C4ME, C5AE, C6ME, C7ME, C8AE-A, C8AE-C, C8DE-E, C8ME, C8ME-A, C8TE-A, D3TE, D4TE					
Notes:	L/D GAS TRUCK 390 BORE WITH 352 STROKE					
Comments:	***F250/350 SPRINGS: 209-231# @1.380 & 1.813-1.844 FOR INSTALLED HGT. **INSTALLED VALVE TIP FROM ROCKER PAD MOUNTING-VALVE TIP=1.580". *HEAD THKNS MEASURED FROM INNER HEAD BOLT PAD-DECK.					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
FORD				8 Cylinders (cont.)		
FORD	5.9	361		RANGER	58-58	FE
Intake Hgt:	2.1100-2.1400" (53.594-54.356 MM)			Exhaust Hgt:	2.1100-2.1400" (53.594-54.356 MM)	
Notes:	RANGER, PACER E400 390 BORE WITH 352 STROKE					
Comments:	SODIUM VALVES					
FORD	5.9	361	HD		66-78	FE
Intake Hgt:	2.1100-2.1400" (53.594-54.356 MM) **			Exhaust Hgt:	2.1100-2.1400" (53.594-54.356 MM) **	
Castings Numbers:	Head #: C4TE, C4TE-A, C4TE-D, C4TE-E, C7TE, C7TE-C, C7TE-C, C8TE-D, D1TE-FA, D3TE-FA, D4TE Block #: C4AE-A, C4TE-B, C4TE-D, C4TE-M, C5AE, C5AE-A, C6ME, C6ME-A, C7ME, C7ME-A, C8DE-E, C8ME, D3TE, D4TE, EDG					
Notes:	H/D GAS TRUCK 390 BORE WITH 352 STROKE					
Comments:	** INSTALLED VALVE TIP FROM ROCKER PAD MOUNTING-VALVE TIP IS 1.580" *** FORD SERVICE LIMIT .006"					
FORD	6.0	365	P	TRUCK	02-05	VT-365
New Height:	3.740" (95.000 MM)			Min Height:	3.740" (95.000 MM)	
Intake Pro / Rec:	.013-.027" V/REC (.330-.686 MM)			Exhaust Pro / Rec:	.013-.027" V/REC (.330-.686 MM)	
Castings Numbers:	Head #: 1843030C1, 1843080C1 Block #: 1838258C2					
Notes:	TURBO DIESEL, F350 TRUCK, 4WD SUPER DUTY					
Comments:	** BOLTS 11-15 18 FT/LBS, THEN 23 FT/LBS					
FORD	6.0	368			56-57	
Intake Hgt:	1.985" REPORTED			Exhaust Hgt:	1.985" REPORTED	
Castings Numbers:	Head #: ECU Block #: C2TE-A, ECU, EDL-B, EDM					
Notes:	LINCOLN, MERCURY TURNPIKE CRUISER, POLICE INTER					
FORD	6.1	370	7		79-94	385
Intake Hgt:	1.9900-2.0200" (50.546-51.308 MM)			Exhaust Hgt:	2.1610-2.1910" (54.889-55.651 MM)	
Castings Numbers:	Head #: D9TE-A, D9TE-FA, D9TE-HA, D9TE-LA, D9TE-MA, E6TE-FA, E6TE-GA, E8TE-FA Block #: D9TE-BB					
Notes:	LPG TRUCK					
Comments:	** 2BBL ENGINE V/SPRING FREE LENGTH 2.030 * 2BBL ENGINE V/SPRING INSTALLED HEIGHT 1.780					
FORD	6.1	370	H		79-93	385
Intake Hgt:	1.9900-2.0200" (50.546-51.308 MM)			Exhaust Hgt:	2.1610-2.1910" (54.889-55.651 MM)	
Castings Numbers:	Head #: D9TE-A, D9TE-FA, D9TE-HA, D9TE-LA, D9TE-MA, E6TE-FA, E6TE-GA, E8TE-FA Block #: D9TE-BB, E7HE-BA					
Notes:	GAS TRUCK					
Comments:	**2BL ENGINE V/SPRING F/LENGTH: 2.030, INSTALLED V/SPRING HEIGHT: 1.780					
FORD	6.4	390	H		61-76	FE
New Height:	3.3450-3.3750" (84.963-85.725 MM) *					
Intake Hgt:	2.1100-2.1400" (53.594-54.356 MM) **			Exhaust Hgt:	2.1100-2.1400" (53.594-54.356 MM) **	
Castings Numbers:	Head #: C1AE, C1AE-A, C1AE-A590A, C2SE, C2TE-AA, C3AE, C4AE, C4AE-C, C4AE-D, C4AE-G-590A, C4TE-A, C4TE-D, C5AE, C6AE, C6AE-AA, C6AE-J, C6AE-L, C6AE-R, C6AE-U, C6AE-Y, C6AE-Z, C6OE-A, C6OE-AA-843, C6OE-AB, C6OE-AB-842, C6OE-AE, C6OE-AF, C6OE-J, C6OE-L, C6OE-R, C6TE-G, C7AE, C7AE-A, C7AE-B, C7OE-E, C7OE-F, C7TE-C, C8AE, C8AE-A, C8AE-AB, C8AE-B, C8AE-G, C8AE-H, C8OE-A, C8OE-B, C8OE-G, C8TE-D, D1TE-FA, D2TE-AA, D3TE-C2A, D3TE-FA Block #: C1AE-A, C1AE-C, C1AE-G, C2AE-J, C2SE, C3AE-A, C3AE-B, C3AE-C, C3AE-E, C3AE-G, C3AE-H, C4AE-B, C4AE-E, C4ME, C4TE-B, C4TE-D, C5AE, C5AE-A, C5AE-E, C6AE-A, C6ME, C6ME-A, C7ME, C7ME-A, C8AE-A, C8AE-C, C8AE-E, C8AV, C8DE-E, C8ME, C8ME-A, C8SZ, C8TE-A, C9AE, D3TE, D3TZ-C, D4TE					
Comments:	*F100:175-194# @ 1.240; F250/350:209-231# @ 1.380 **F100:1.656-1.688; F250/350:1.813-1.844 I/S/H **CLEARANCE SPECIFIED IS AT VALVE STEM TIP WITH LIFTER COLLAPSED. *** 1961+ 62 390/375-401HP ENGINES USED 30° INT SEATS AND VALVES.					
FORD	6.4	390	M		68-76	FE
New Height:	3.3450-3.3750" (84.963-85.725 MM)					
Intake Hgt:	2.1100-2.1400" (53.594-54.356 MM) **			Exhaust Hgt:	2.1100-2.1400" (53.594-54.356 MM) **	
Castings Numbers:	Head #: C1AE, C1AE-A, C1AE-A590A, C2SE, C2TE-AA, C3AE, C4AE, C4AE-C, C4AE-D, C4AE-G-590A, C4TE-A, C4TE-D, C5AE, C6AE, C6AE-AA, C6AE-J, C6AE-L, C6AE-R, C6AE-U, C6AE-Y, C6AE-Z, C6OE-A, C6OE-AA-843, C6OE-AB, C6OE-AB-842, C6OE-AE, C6OE-AF, C6OE-J, C6OE-L, C6OE-R, C6TE-G, C7AE, C7AE-A, C7AE-B, C7OE-E, C7OE-F, C7TE-C, C8AE, C8AE-A, C8AE-AB, C8AE-B, C8AE-G, C8AE-H, C8OE, C8OE-A, C8OE-B, C8OE-G, C8TE-D, D2AE-A, D2TE-AA, D3TE-C2A Block #: C3AE-A, C3AE-B, C3AE-C, C3AE-E, C3AE-G, C3AE-H, C4AE, C4AE-A, C4AE-B, C4AE-E, C4TE-B, C4TE-D, C5AE, C5AE-A, C5AE-E, C6AE, C6AE-A, C6ME, C6ME-A, C7ME, C7ME-A, C8AE, C8AE-A, C8AE-C, C8AE-E, C8AV, C8DE-E, C8ME, C8ME-A, C8SZ, C8TE-A, C9AE, D3TE, D3TZ-C, D4TE					
Notes:	TRUCK					
Comments:	*F100:175-194# @ 1.240, F250 & 350:209-231# @ 1.380 **F100:1.656-1.688, F250 & 350:1.813-1.844 ** INSTALLED VALVE TIP FROM ROCKER PAD MOUNTING-VALVE TIP IS 1.580"					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
FORD				8 Cylinders		(cont.)
FORD	6.4	391	HD		64-79	FE
New Height:	3.3450-3.3750" (84.963-85.725 MM) *			Exhaust Hgt:	2.1100-2.1400" (53.594-54.356 MM) **	
Intake Hgt:	2.1100-2.1400" (53.594-54.356 MM) **					
Casting Numbers:	Head #: C3AE, C4AE, C4TE, C4TE-A, C4TE-D, C6AE, C7AE-A, C7TE, C7TE-C, C8AE, C8TE-D, D1TE-FA, D3TE-FA, D4TE, D4TE-AA Block #: C4AE, C4AE-A, C4TE-B, C4TE-D, C4TE-M, C5AE, C6ME, C7ME, C7ME-A, C8DE-E, C8ME, C8ME-A, D3TE, D4TE					
Notes:	H/D GAS TRUCK					
Comments:	** INSTALLED VALVE TIP FROM ROCKER PAD MOUNTING-VALVE TIP IS 1.580". * HEAD THICKNESS MEASURED FROM INNER HEAD BOLT PAD-DECK. *** FORD SERVICE LIMIT .006"					
FORD	6.6	400	S		71-79	
Intake Hgt:	2.0700-2.1000" (52.578-53.34 MM)			Exhaust Hgt:	2.0200-2.0500" (51.308-52.07 MM)	
Casting Numbers:	Head #: D0AE, D0AE-C, D0AE-E, D0AE-J, D0AZ-A, D0AZ-B, D0AZ-G, D1AE, D1AE-A, D1AE-A1C, D1AE-A2C, D1AE-AB, D1AE-AC, D1AE-CB, D3A, D3AE-A1A, D3AE-A2B, D3AE-G2B, D4AE, D4AE-AA, D4AE-B2A, D4AE-BA, D5AE, D5AE-A, D5AE-A2A, D5AE-A3A, D5AE-AA, D5AE-BA Block #: D1AE, D1AE-A, D1AE-A1C, D1AE-A2C, D1AE-AB, D1AE-AC, D1AE-C, D1EA-A, D3AE, D4AE, D4AE-B2A, D4AE-D2A, D5AE, D7TE, D7TE-A2B, D7TE-A3B					
Notes:	CAR, TRUCK, SAME AS 351 M, BUT 4.00" STROKE					
Comments:	SINGLE GROOVE VALVES					
FORD	6.6	400	Z		79-82	
Intake Hgt:	2.0700-2.1000" (52.578-53.34 MM)			Exhaust Hgt:	2.0200-2.0500" (51.308-52.07 MM)	
Casting Numbers:	Head #: D5AE, D5AE-A, D5AE-A2A, D5AE-A3A, D5AE-AA, D5AE-BA Block #: D1AE, D1AE-A, D1AE-A1C, D1AE-A2C, D1AE-AB, D1AE-AC, D1AE-C, D1EA-A, D3AE, D4AE, D4AE-B2A, D4AE-D2A, D5AE, D7TE, D7TE-A2B, D7TE-A3B					
Notes:	CAR, TRUCK, SAME AS 351 M, BUT 4.00" STROKE					
FORD	6.6	401	HD		58-76	
Intake Hgt:	2.0470-2.0770" (51.994-52.756 MM)			Exhaust Hgt:	2.0470-2.0770" (51.994-52.756 MM)	
Casting Numbers:	Head #: 475-1433, 5750118, 5750188, 5750564, 5751433, 9779787, C3TE, C3TE-D, C8TE-E, D0TE, D0TE-A Block #: 891, D3HE-BA, EDL					
Notes:	H/D GAS TRUCK					
Comments:	* CHECK AT VALVE STEM TIP WITH LIFTER COLLASPED .020"					
FORD	6.7	406	B		62-63	FE
Intake Hgt:	2.1100-2.1400" (53.594-54.356 MM)			Exhaust Hgt:	2.1100-2.1400" (53.594-54.356 MM)	
Casting Numbers:	Head #: C2SE, C4AE-C Block #: C3AE-V					
Notes:	4V 6V SPECIAL HIGH PERFORMANCE VIN G 6V					
Comments:	*F100:175-194# @1.240; F250/350:209-231# @1.380 **F100:1.656-1.688; F250/350:1.813-1.844 I/S/H **CLEARANCE SPECIFIED IS OBTAINABLE AT VALVE STEM TIP WITH LIFTER COLLAPSED					
FORD	6.7	410			66-67	FE
Intake Hgt:	2.1100-2.1400" (53.594-54.356 MM)			Exhaust Hgt:	2.1100-2.1400" (53.594-54.356 MM)	
Casting Numbers:	Head #: C3AE, C7AE-A Block #: C3AE, C3AE-A, C3AE-V, C5AE-A, C6ME-A, C7ME-A					
Notes:	390 BORE WITH 428 STROKE					
FORD	6.7	410	58		58-58	MEL
Intake Hgt:	1.9850-2.0150" * (50.419-51.181 MM)			Exhaust Hgt:	1.9850-2.0150" * (50.419-51.181 MM)	
Casting Numbers:	Head #: EDG, EDZ, OACE					
Notes:	430 LINCOLN STYLE ENGINE, 4.200" CYL BORE					
Comments:	** 1.9850-2.0150" * (50.419-51.181 MM)					
FORD	6.9	420	1		83-88	
New Height:	4.7950-4.8050" (121.793-122.047 MM)			Min Height:	4.7950" (121.793 MM)	
Intake Hgt:	5.7250-5.7350" (145.415-145.669 MM) *			Exhaust Hgt:	5.7250-5.7350" (145.415-145.669 MM) *	
Intake Pro / Rec:	.042-.054" V/REC (1.067-1.372 MM)			Exhaust Pro / Rec:	.046-.058" V/REC (1.168-1.473 MM)	
Casting Numbers:	Head #: 1805296, 1805296C, 1805296C1, 1805296C4, 1805420C1, 1805855, 1805855C1, 1805855C2, 1809199, 1809199C1, 1809215, 1809215C1 Block #: 1805440C1, 1807996C1					
Notes:	V8 NAVISTAR DIESEL, P/U TRUCKS					
Comments:	* INSTALLED VALVE STEM HEIGHT MEASURED FROM HEAD DECK SURFACE TO THE TIP OF VALVE					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
FORD						8 Cylinders (cont.)
FORD	7.0	427		FE MARINE	63-68	FE MARINE
New Height:	3.3450-3.3750" (84.963-85.725 MM) *					
Intake Hgt:	2.1100-2.1400" (53.594-54.356 MM) **			Exhaust Hgt:	2.1100-2.1400" (53.594-54.356 MM) **	
Castings Numbers:	Head #:C3AE-G, C3AE-H, C3AE-I, C3AE-J, C3AE-K, C7JE-A Block #: C6JE-B, C7JE-A					
Notes:	MARINE LOW COMPRESSION STD & REVERSE ROTATIONS					
Comments:	*** ROCKER ARM RATIO 1.76:1. ** INSTALLED VALVE TIP FROM ROCKER PAD MOUNTING-VALVE TIP IS 1.580". * HEAD THICKNESS MEASURED FROM INNER HEAD BOLT PAD-DECK.					
FORD	7.0	427	R, W	FE	63-68	FE
New Height:	3.3450-3.3750" (84.963-85.725 MM) *					
Intake Hgt:	2.1100-2.1400" (53.594-54.356 MM) **			Exhaust Hgt:	2.1100-2.1400" (53.594-54.356 MM) **	
Castings Numbers:	Head #:C3AE, C3AE-G, C3AE-H, C3AE-I, C3AE-J, C3AE-K, C4AE, C5AE-F, C5AE-R Block #: C3AE-M, C3AE-Z, C5AE-D, C5AE-H, C6AE-B, C6AE-C, C6AE-D, C8AE-A, C8AE-B, C8AE-H, C8WE-A, E0AE-D3C					
Notes:	4V 410 HP, 8V 425 HP SPECIAL, 1968 4V 390 HP					
Comments:	* MEASURED FROM INNER HEAD BOLT PAD-DECK. ** INSTALLED VALVE TIP FROM ROCKER PAD MOUNTING-VALVE TIP IS 1.580". INNER HEAD BOLT PAD-DECK. *** 1968 HYD.					
FORD	7.0	428		FE	66-70	FE
Intake Hgt:	2.1100-2.1400" (53.594-54.356 MM)			Exhaust Hgt:	2.1100-2.1400" (53.594-54.356 MM)	
Castings Numbers:	Head #:C5AE-A, C6AE, C6AE-A, C6AE-AA, C6AE-AD, C7AE, C7TE-AA, C8AE, C8AE-A, C8OE-N Block #: C5AE-A, C6AE, C6AE-A, C6AE-F, C7ME-A					
Notes:	H/P, POLICE, PASSENGER, TRUCK					
FORD	7.0	429	8		89-96	385
Intake Hgt:	1.9700-2.0000" (50.038-50.8 MM) *			Exhaust Hgt:	2.1610-2.1910" (54.889-55.651 MM) *	
Castings Numbers:	Head #:D9TE-A, D9TE-AH, D9TE-BA, D9TE-DA, D9TE-FA, D9TE-HA, D9TE-LA, D9TE-MA, E5TE-HA, E6TE-EA, E6TE-FA, E6TE-GA, E6TE-HA, E7TE-BD, E7TE-DA, E8TE-FA Block #: D9TE, D9TE-AB, D9TE-GA					
Notes:	H/D LPG TRUCK					
Comments:	* SOME HEADS ARE 2.120-2.150" ON INTAKE AND 2.200-2.230" ON THE EXHAUST ** HAVE SEEN 11/32" VALVE STEMS ALSO.					
FORD	7.0	429	J		91-95	385
Intake Hgt:	1.9700-2.0000" (50.038-50.8 MM)			Exhaust Hgt:	2.1610-2.1910" (54.889-55.651 MM)	
Castings Numbers:	Head #:E6TE-EA, E6TE-FA, E6TE-GA, E6TE-HA, E7TE-80, E7TE-BD, E8TE-FA Block #: D9TE, D9TE-AB, D9TE-GA					
Notes:	MPFI, H/D TRUCK					
Comments:	* SOME HEADS ARE 2.120-2.150" ON INTAKE AND 2.200-2.230" ON THE EXHAUST ** HAVE SEEN 11/32" VALVE STEMS ALSO. TRUCK W/ROCKER BOLTS					
FORD	7.0	429	K		79-90	385
Intake Hgt:	1.9700-2.0000" (50.038-50.8 MM)			Exhaust Hgt:	2.1880-2.2180" (55.575-56.337 MM)	
Castings Numbers:	Head #:D9TE-A, D9TE-AH, D9TE-BA, D9TE-DA, D9TE-FA, D9TE-HA, D9TE-LA, D9TE-MA, E5TE-HA, E6TE-EA, E6TE-FA, E6TE-GA, E6TE-HA, E7TE-80, E8TE-FA, E9TE-DA Block #: D9TE, D9TE-AB, D9TE-GA					
Notes:	H/D GAS TRUCK, 2V OR 4V					
Comments:	W/ROCKER STUDS					
FORD	7.0	429	N		68-73	385
Intake Hgt:	2.1100-2.1400" (53.594-54.356 MM)			Exhaust Hgt:	2.1730-2.2030" ** (55.194-55.956 MM)	
Castings Numbers:	Head #:C8OE-A, C8OE-B, C8SZ-B, C8UE-F, C8VE-A, C8VE-C, C8VE-E, C8VE-E-879A, C8VE-F, C8WE-A, C9AE-A, C9UE-B, C9VE, C9VE-A, C9VE-A-879B, D00E, D00E-K, D00E-R, D0VE-C, D2OE AB, D2UE-A, D2VE-A, D2VE-AA, D2VE-B, D3AE-A2A, D3VE-A, D3VE-A1A, D3VE-A2A, D3VE-C, D3VE-C1A, D3VE-C2A, SK-31635, SK-35369, V1VE-A Block #: C9VE, D0VE-1A, D0VE-A, D1VE-A, D1VE-A2B, D1VE-AA, D1VZ					
Notes:	BASE ENG 2V,4V POLICE & CJ, SCJ 4 BOLT MAIN					
Comments:	WITH ROCKER STUDS ** H/P HEADS, 2.075" ON EXHAUST					
FORD	7.0	430	K	EDSEL	58-65	MEL
Intake Hgt:	1.9850-2.0150" * (50.419-51.181 MM)			Exhaust Hgt:	1.9850-2.0150" * (50.419-51.181 MM)	
Castings Numbers:	Head #:5750065, B9ME-B, C0ME-B, C1VE-A, C3VE-B, C4VE-A, EDJ Block #: 5751091, B9ME-D, C0ME, C1VE, C2VE, C3AE-M, C3AE-Z, C5AE-A, C5AE-D, EDJ					
Notes:	EDSEL, LINCOLN, T-BIRD VIN J 6V, 4.300" CYL BORE					
Comments:	* REPORTED 2.065-2.075" ** INTAKES 30° 1958-60					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
FORD				8 Cylinders (cont.)		
FORD	7.3	444	F		95-05	T444E NAVISTA
New Height:	5.0950-5.1050" (129.413-129.667 MM)			Min Height:	5.0950" (129.413 MM)	
Intake Hgt:	2.2750-2.2850" ** (57.785-58.039 MM)			Exhaust Hgt:	2.2300-2.2400" (56.642-56.896 MM)	
Intake Pro / Rec:	.046-.058" V/REC (1.168-1.473 MM)			Exhaust Pro / Rec:	.052-.064" V/REC (1.321-1.626 MM)	
Castings Numbers:	Head #: 1818303C2, 1821727C92, 1825113C1 Block #: 1818270C2, 1822835C91, 1825102C91					
Notes:	DI TURBO, NAVISTAR T444E, DIESEL, POWER STROKE					
Comments:	* NOT-EXCEED .001" IN A 2.0" AREA OR .004" OVERALL			** 2.230" REPORTED 6-01		
FORD	7.3	444	K		94-95	
New Height:	4.7950-4.8050" (121.793-122.047 MM)			Min Height:	4.7950" (121.793 MM)	
Intake Hgt:	5.7250-5.7350" (145.415-145.669 MM) *			Exhaust Hgt:	5.7250-5.7350" (145.415-145.669 MM) *	
Intake Pro / Rec:	.042-.054" V/REC (1.067-1.372 MM)			Exhaust Pro / Rec:	.051-.063" V/REC (1.295-1.6 MM)	
Castings Numbers:	Head #: 1809030, 1809030C1, 1819609C91 Block #: 1809000 C-1, 1809223C95					
Notes:	IDI TURBO DIESEL					
Comments:	* INSTALLED VALVE STEM HEIGHT MEASURED FROM HEAD DECK SURFACE TO THE TIP OF VALVE					
FORD	7.3	444	M		88-94	
New Height:	4.7950-4.8050" (121.793-122.047 MM)			Min Height:	4.7950" (121.793 MM)	
Intake Hgt:	5.7250-5.7350" (145.415-145.669 MM) *			Exhaust Hgt:	5.7250-5.7350" (145.415-145.669 MM) *	
Intake Pro / Rec:	.042-.054" V/REC (1.067-1.372 MM)			Exhaust Pro / Rec:	.051-.063" V/REC (1.295-1.6 MM)	
Castings Numbers:	Head #: 1809030, 1809030C1, 1809030C3, 1809032C93 Block #: 1809000 C-1, 1809000C1, 18092223C94					
Notes:	DIESEL TRUCK					
Comments:	* INSTALLED VALVE STEM HEIGHT MEASURED FROM HEAD DECK SURFACE TO THE TIP OF VALVE ** GUIDE HEIGHT IS 1.0625 INTAKE AND EXHAUST					
FORD	7.5	460		LSG875		LSG875
Intake Hgt:	2.1100-2.1400" (53.594-54.356 MM)			Exhaust Hgt:	2.1730-2.2030" (55.194-55.956 MM) *	
Castings Numbers:	Head #: D4VE-B2A, D4VE-BA, D5VE, E5TE-TA, E6TE-DA, E7TE-BD, E8TE-DA, E8TE-EA Block #: D9TE-AB, D9TE-GA, E7TE-GA					
Notes:	INDUSTRIAL, GAS					
Comments:	*SOME HEADS ARE MEASURING 2.200-2.230 FOR EXHAUST **MARINE: EXHAUST VALVE HEAD DIAM 1.646-1.661 ***MARINE SPRING: 300-330# @ 1.320,87-97# @ 1.820					
FORD	7.5	460	A		68-73	385
Intake Hgt:	2.1100-2.1400" (53.594-54.356 MM)			Exhaust Hgt:	2.1730-2.2030" (55.194-55.956 MM)	
Castings Numbers:	Head #: C8VE-A, C8VE-C, C8VE-E, C8VE-F, C9VE-A, D0VE-A, D0VE-D, D1VE-A1A, D2OE-AB, D2VE, D2VE-A, D2VE-AA, D2VE-B, D3VE-A, D3VE-A2A, D3VE-A2B, D3VE-AA, D3VE-C, D3VE-C2A Block #: 2YA, C8VE, C9VE, C9VE-A, C9VE-B, D0VE, D0VE-A, D0VE-B, D1DE-A, D1VE, D1VE-A2B, D1VE-AA					
Notes:	CAR					
Comments:	* COMBUST CHAMBER VOL 1972-78: 89.9-92.9CC					
FORD	7.5	460	A		74-78	385
Intake Hgt:	2.1100-2.1400" (53.594-54.356 MM)			Exhaust Hgt:	2.1730-2.2030" (55.194-55.956 MM)	
Castings Numbers:	Head #: C6VE-A, C6VE-B, C6VE-C, C6VE-D, C8VE-A, C8VE-C, C8VE-E, C8VE-F, C9VE-A, D0VE-A, D0VE-D, D1VE-A1A, D2OE-AB, D2VE, D2VE-A, D2VE-AA, D2VE-B, D3VE, D3VE-A, D3VE-A1A, D3VE-A2A, D3VE-A2B, D3VE-AA, D3VE-C, D3VE-C1A, D3VE-C2A, D4VE, D4VE-A1A, D4VE-A2A, D4VE-B1A, D4VE-B2A, D5VE Block #: 2YA, C8VE, C8VE-E, C8VE-F, C8VE-A, C8VE-E, C9VE, C9VE-A, C9VE-B, D0VE, D0VE-A, D0VE-B, D1DE-A, D1VE, D1VE-A2B, D1VE-AA					
Notes:	LINCOLN, 4V					
Comments:	*COMBUST CHAMB VOL-INTERCEPTOR ONLY 97-90CC.					
FORD	7.5	460	C		74-77	385
Intake Hgt:	2.1100-2.1400" (53.594-54.356 MM)			Exhaust Hgt:	2.1730-2.2030" (55.194-55.956 MM)	
Castings Numbers:	Head #: C9VE-A, D0VE-A, D0VE-D, D1VE-A1A, D2OE-AB, D2VE-A, D2VE-AA, D2VE-B, D3VE-A, D3VE-A2A, D3VE-A2B, D3VE-AA, D3VE-C, D3VE-C2A, D4VE-B2A, D4VE-BA, D5VE Block #: 2YA, C8VE-E, C8VE-F, C8VE-A, C8VE-E, C9VE, C9VE-A, C9VE-B, D0VE, D0VE-A, D1DE-A, D1VE-A2B, D1VE-AA					
Notes:	CAR, HIGH/ PERFORMANCE					
Comments:	* SUPER C-LM; SVO HEAD					
FORD	7.5	460	C		75-76	385
Intake Hgt:	2.1100-2.1400" (53.594-54.356 MM)			Exhaust Hgt:	2.1730-2.2030" (55.194-55.956 MM)	
Castings Numbers:	Head #: C8VE-A, C8VE-C, C8VE-E, C8VE-F, C9VE-A, D0VE-A, D0VE-D, D1VE-A1A, D2OE-AB, D2VE-A, D2VE-AA, D2VE-B, D3VE-A, D3VE-A2A, D3VE-A2B, D3VE-AA, D3VE-C, D3VE-C2A, D4VE-B2A, D4VE-BA, D5VE Block #: 2YA, C8VE-E, C8VE-F, C8VE-A, C8VE-E, C9VE, C9VE-A, C9VE-B, D0VE, D0VE-A, D0VE-B, D1DE-A, D1VE, D1VE-A2B, D1VE-AA					
Notes:	CAR					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
FORD						8 Cylinders (cont.)
FORD	7.5	460	C		78	385
Intake Hgt:	2.1100-2.1400" (53.594-54.356 MM)			Exhaust Hgt:	2.1730-2.2030" (55.194-55.956 MM)	
Castings Numbers:	Head #:C9VE-A, D0VE-A, D0VE-D, D1VE-A1A, D2OE-AB, D2VE-A, D2VE-AA, D2VE-B, D3VE-A, D3VE-A2A, D3VE-A2B, D3VE-AA, D3VE-C, D3VE-C2A, D4VE-B2A, D4VE-BA, D5VE Block #: 2YA, C8VE-E, C8VE-F, C8VY-A, C8VY-E, C9VE-A, C9VE-B, D0VE-A, D0VE-B, D1DE-A, D1VE-A2B, D1VE-AA					
Notes:	CAR					
Comments:	* INTERCEPTOR COMBUST CHAMB VOL 87-90CC					
FORD	7.5	460	G		87-98	385
Intake Hgt:	2.1200-2.1500" (53.848-54.61 MM)			Exhaust Hgt:	2.2000-2.2300" (55.88-56.642 MM)	
Castings Numbers:	Head #:E5TE-TA, E6TE-DA, E7TE-BD, E8TE-DA, E8TE-EA, F3TE-JA Block #: D9TE, D9TE-AB, D9TE-BB, D9TE-GA, E7TE, E7TE-GA					
Notes:	MFI, TRUCK					
Comments:	LATE MODEL HEADS HAVE GREY POWDERED EXHAUST SEATS					
FORD	7.5	460	J		74-79	385
Intake Hgt:	2.1100-2.1400" (53.594-54.356 MM)			Exhaust Hgt:	2.1730-2.2030" (55.194-55.956 MM)	
Castings Numbers:	Head #:D3VE, D3VE-A, D3VE-A1A, D3VE-A2A, D3VE-A2B, D3VE-AA, D3VE-C, D3VE-C1A, D3VE-C2A, D4VE, D4VE-A1A, D4VE-A2A, D4VE-B1A, D4VE-B2A, D5VE Block #: C8VE, C9VE, D0VE, D1VE, D2VE					
Notes:	TRUCK					
FORD	7.5	460	L		79-87	385
Intake Hgt:	2.1100-2.1400" (53.594-54.356 MM)			Exhaust Hgt:	2.1730-2.2030" (55.194-55.956 MM) *	
Castings Numbers:	Head #:D3VE-A2A, D4VE-A1A, D4VE-A2A, D4VE-B1A, D4VE-B2A, D4VE-BA, D5VE, E5TE-EA, E5TE-TA, E6TE-DA, E7TE-BD, E8TE-DA, E8TE-EA Block #: D9TE, D9TE-AB, D9TE-GA, E7TE-GA					
Notes:	TRUCK					
Comments:	SOME HEADS ARE MEASURING 2.200-2.230" FOR EXHAUST					
FORD	7.5	460	SVO		87-97	385
Intake Hgt:	2.1200-2.1500" (53.848-54.61 MM)			Exhaust Hgt:	2.2000-2.2300" (55.88-56.642 MM)	
Castings Numbers:	Head #:E5TE-TA, E6TE-DA, E7TE-BD, E8TE-DA, E8TE-EA, F3TE-JA Block #: D9TE-AB, D9TE-BB, D9TE-GA, E7TE-GA					
Notes:	PERFORMANCE ENGINE					
Comments:	LATE MODEL HEADS HAVE GREY POWDERED EXHAUST SEATS * THERE ARE SOME SMALLER CHAMBERS, SEE CASTING #S.					
FORD	7.6	462			66-68	MEL
Intake Hgt:	1.9850-2.0150" (50.419-51.181 MM)			Exhaust Hgt:	1.9850-2.0150" (50.419-51.181 MM)	
Castings Numbers:	Head #:C6VE-A, C6VE-B, C6VE-C, C6VE-D Block #: C6VE, C6VE-A, C6VY-A					
Notes:	LINCOLN					
FORD	7.8	475			73-79	
New Height:	4.5625" (115.888 MM)					
Intake Hgt:	2.0470-2.0770" (51.994-52.756 MM)			Exhaust Hgt:	2.0470-2.0770" (51.994-52.756 MM)	
Castings Numbers:	Head #:5751433, C8TE-E, D0JE-E, D0TE, D0TE-A, D3TE-D, D5HE-AA, D6HE, D6HE-BB, D9HE Block #: D3HE-AA, D4HE-A8A, D4HE-AA, EDM, EDM-B, EDN					
Notes:	HD GAS TRUCK					
FORD	7.8	477	GAS		78-81	
New Height:	4.5625" (115.888 MM)					
Intake Hgt:	2.0470-2.0770" (51.994-52.756 MM)			Exhaust Hgt:	2.0470-2.0770" (51.994-52.756 MM)	
Castings Numbers:	Head #:475-1433, 5750118, 5750188, 5750564, 5751433, C3TE-D, C8TE-E, D0JE-E, D0TE-A, D5HE-AA, D6HE-BB, D9HE Block #: 567, 6751391, C1TE-F, D2HE-AA, D3HE-AA, D4HE-A8A, D4HE-AA, EDL, EDM, EDM-B, EDN					
Notes:	HD TRUCK, SAME AS 475 V8					
FORD	8.8	534			58-81	
New Height:	4.5625" (115.888 MM)					
Intake Hgt:	2.0470-2.0770" (51.994-52.756 MM)			Exhaust Hgt:	2.0470-2.0770" (51.994-52.756 MM)	
Castings Numbers:	Head #:475-1433, 5750118, 5750564, 5751433, C3TE-D, C8TE-E, D0TE-A, D5HE-AA, D6HE-AA, D6HE-AB, D6HE-BB, D9HE Block #: 567, 6751391, C1TE-F, D3HE-AA, D4HE-A8A, D4HE-AA, DAHC, EDM, EDM-B, EDN					
Notes:	H/D GAS TRUCK					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
FORD				10 Cylinders		
FORD	6.8	413	S		97-05	
New Height:	5.3100-5.3120" (134.874-134.925 MM) *			Min Height:	N/A	
Intake Hgt:	2.130-2.140" REPORTED *			Exhaust Hgt:	2.130-2.140" REPORTED *	
Casting Numbers:	Head #:F7UE-6090-B20A, YCZE-6090-A20A					
Notes:	SOHC, EFI, 90° V10, MODULAR					
Comments:	* REPORTED FORD REPLACEMENT HEAD INSTALLED VALVE HEIGHT .075-.090" TALLER SPRINGS NEED TO BE REPLACED. * REPORTED 2001 HEADS 2.230-2.240" MEMBER #4091 4-19-02 MC **** REPORTED INSTALLED VALVE SPRING HEIGHT 1.660" @ 70# MEMBER #628 2-9-04 MC					
GM				3 Cylinders		
GM	1.0	61	5	SPRINT	86-88	LP2
New Height:	3.7500-3.7550" (95.25-95.377 MM)			Exhaust Hgt:	1.9400-1.9700" (49.276-50.038 MM)	
Intake Hgt:	1.9400-1.9700" (49.276-50.038 MM)					
Casting Numbers:	Head #:0J11B190, 82001, S28200, S4, S6 Block #: G10					
Notes:	SUZUKI, MECH LIFTER, 2BBL, SPRINT					
Comments:	CAM BORES: #1=1.7042-1.7407, #2=1.7480-1.7486, #3=1.7560-1.7569, #4=1.7638-1.7644					
GM	1.0	61	6	FIREFLY	89-00	LP2
New Height:	4.9200-4.9250" (124.968-125.095 MM)			Min Height:	4.9100" (124.714 MM) HEAD OVERALL H	
Intake Hgt:	1.4350-1.4500" * (36.449-36.83 MM)			Exhaust Hgt:	1.4350-1.4500" * (36.449-36.83 MM)	
Casting Numbers:	Head #:534, S14, S16, S2, S4, S-4, S6, S-6, S7, S8, S-8					
Notes:	SUZUKI, HYD LIFTERS, TBI, OHC, FIREFLY, METRO					
Comments:	* USING THE SHIM REPORTED INSTALLED HEIGHT 1.400-1.420" MEMBER #32345 6-13-02 MC ** MUST BLEED DOWN THE LIFTERS BEFORE REASSEMBLY CAM BORES= #1, 1.0236-1.0244, 2-3, 1.1811-1.1819					
GM	1.0	61	M	SPRINT	85	LP2
New Height:	3.7500-3.7550" (95.25-95.377 MM)			Exhaust Hgt:	1.9400-1.9700" (49.276-50.038 MM)	
Intake Hgt:	1.9400-1.9700" (49.276-50.038 MM)					
Casting Numbers:	Head #:82001, 0J11B190, S28200 Block #: G10					
Notes:	SUZUKI, MECH LIFTER, 2BBL, SPRINT					
Comments:	CAM BORES: #1=1.7042-1.7407, #2=1.7480-1.7486, #3=1.7560-1.7569, #4=1.7638-1.7644					
GM				4 Cylinders		
GM	1.3	79	2	METRO	98-00	LY8
New Height:	4.9200-4.9250" (124.968-125.095 MM)			Min Height:	4.9100" (124.714 MM)	
Intake Hgt:	1.4350-1.4500" (36.449-36.83 MM)			Exhaust Hgt:	1.4350-1.4500" (36.449-36.83 MM)	
Casting Numbers:	Head #:S2, S4, S-4, S6, S-6, S7, S8, S-8					
Notes:	METRO					
GM	1.3	79	2	METRO	98-00	
New Height:	4.7250"			Min Height:	4.7150"	
Casting Numbers:	Head #:S-5					
Notes:	SOHC, MFI, 16 VALVE, METRO					
GM	1.3	79	9	TRACKER	92-94	
New Height:	3.7500" (95.25 MM)			Min Height:	3.7400" (94.996 MM)	
Intake Hgt:	1.9350-1.9650" (49.149-49.911 MM)			Exhaust Hgt:	1.9500-1.9800" (49.53-50.292 MM)	
Casting Numbers:	Head #:2S, S2 Block #: G13B					
Notes:	SUZUKI, GEO TRACKER					
GM	1.4	85	I	CHEVETTE	76-77	
Intake Hgt:	1.3900-1.4200" (35.306-36.068 MM)			Exhaust Hgt:	1.3900-1.4200" (35.306-36.068 MM)	
Casting Numbers:	Head #:14032343, 357151, 458678, 466395 Block #: 357153, 464208					
Notes:	1BC, CHEVETTE					
GM	1.5	90	9	SPECTRUM	86-88	
New Height:	3.3900" (86.106 MM)			Min Height:	3.3700" (85.598 MM)	
Intake Hgt:	1.7100-1.7300" (43.434-43.942 MM)			Exhaust Hgt:	1.7100-1.7300" (43.434-43.942 MM)	
Casting Numbers:	Head #:1 or 9, 4XC1 Block #: 4XC1-T					
Notes:	EFI, TURBO, SPECTRUM, ISUZU					
Comments:	OHC SPECTRUM, I-MARK ALSO					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
GM				4 Cylinders (cont.)		
GM	1.5	92	7	SPECTRUM	87-89	
New Height:	3.3900" (86.106 MM)			Min Height:	3.3700" (85.598 MM)	
Intake Hgt:	1.7100-1.7300" (43.434-43.942 MM)			Exhaust Hgt:	1.7100-1.7300" (43.434-43.942 MM)	
Casting Numbers:	Head #:1 or 9, 4XC1 Block #: 4XC1-U					
Notes:	2BC, ISUZU, SPECTRUM, I-MARK					
Comments:	OHC SPECTRUM, I-MARK ALSO					
GM	1.5	92	K	SPECTRUM	85-87	
New Height:	3.3900" (86.106 MM)			Min Height:	3.3700" (85.598 MM)	
Intake Hgt:	1.7100-1.7300" (43.434-43.942 MM)			Exhaust Hgt:	1.7100-1.7300" (43.434-43.942 MM)	
Casting Numbers:	Head #:1 or 9, 326, 4XC1 Block #: 4XC1-U					
Notes:	OHC, ISUZU, SPECTRUM, I-MARK, CARB					
Comments:	OHC SPECTRUM, I-MARK ALSO					
GM	1.6	97	4	NOVA	85-88	4A-LC
New Height:	3.3950-3.4000" (86.233-86.36 MM)			Min Height:	3.3850" (85.979 MM)	
Intake Hgt:	1.7500-1.7700" (44.45-44.958 MM)			Exhaust Hgt:	1.7500-1.7700" (44.45-44.958 MM)	
Casting Numbers:	Head #:13M, 23M, 26M, 2M, 3M Block #: 4A-LC					
Notes:	SOHC, TOYOTA, 4A-LC, NOVA					
GM	1.6	97	5	PRIZM	89-90	
New Height:	3.750" (95.25 MM)			Min Height:	3.740" (94.996 MM)	
Intake Hgt:	1.935-1.965" (49.149-49.911 MM)			Exhaust Hgt:	1.950-1.980" (49.53-50.292 MM)	
Notes:	DOHC, TOYOTA, PRIZM					
GM	1.6	97	5	STORM	90-91	LWO
New Height:	5.1140-5.1200" (129.896-130.048 MM)			Min Height:	5.0980" (129.489 MM)	
Intake Hgt:	1.7100" (43.434 MM)			Exhaust Hgt:	1.7100" (43.434 MM)	
Casting Numbers:	Head #:S12 Block #: 4XE1, 4XE1-W					
Notes:	DOHC, ISUZU, STORM GSI, LWO ENGINE					
GM	1.6	97	6	PRIZM	89-94	4AFE
New Height:	4.5680" (116.027 MM)			Min Height:	4.560" REPORTED (115.824 MM)	
Intake Hgt:	1.4700-1.5000" (37.338-38.1 MM)			Exhaust Hgt:	1.4700-1.5000" (37.338-38.1 MM)	
Casting Numbers:	Head #:S11, S33, S46, S59 Block #: 4A-FE					
Notes:	DOHC, TOYOTA, PRIZM					
GM	1.6	97	6	PRIZM	95-97	4AFE
Intake Pro / Rec:	.500-.516" V/PRO (12.7-13.106 MM)			Exhaust Pro / Rec:	.500-.516" V/PRO (12.7-13.106 MM)	
Notes:	DOHC, TOYOTA, PRIZM					
GM	1.6	97	6	STORM	90-96	4XE1
New Height:	3.3900-3.4000" (86.106 - 86.360 MM)			Min Height:	3.3740" (85.7 MM)	
Intake Hgt:	1.700-1.725"			Exhaust Hgt:	1.700-1.725"	
Casting Numbers:	Head #:RF-23 Block #: 4XE1-V					
Notes:	SOHC, 12 V, ISUZU 4XE1, STORM GS					
GM	1.6	97	6	TRACKER	95-99	LO1
New Height:	4.7250"			Min Height:	4.7150"	
Intake Hgt:	1.435-1.441" (36.449 -36.601 MM)			Exhaust Hgt:	1.435-1.446" (36.449 -36.703 MM)	
Casting Numbers:	Block #:G16-A, G16KV					
Notes:	SOHC, 16 V, SUZUKI, TRACKER, RPO L01, MECH					
GM	1.6	97	U	TRACKER	89-96	G16A
New Height:	3.750" (95.25 MM)			Min Height:	3.740" (94.996 MM)	
Intake Hgt:	1.935-1.965" (49.149-49.911 MM)			Exhaust Hgt:	1.950-1.980" (49.53-50.292 MM)	
Casting Numbers:	Head #:61A, S-3 Block #: G16-A					
Notes:	SOHC, 8 V, TBI, SUZUKI, TRACKER, ALUM BLK+ HEAD					
GM	1.6	98	0	CHEVETTE	79-80	
Intake Hgt:	1.3900-1.4200" (35.306-36.068 MM)			Exhaust Hgt:	1.3900-1.4200" (35.306-36.068 MM)	
Casting Numbers:	Head #:14032343, 466395					
Notes:	CHEVETTE, 2BBL					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
GM				4 Cylinders		(cont.)
GM	1.6	98	6	AVEO	04-05	L91
New Height:		5.280" (134.112 mm)		Exhaust Hgt:		1.500-1.525" (38.100-38.735 MM)
Intake Hgt:		1.500-1.525" (38.100-38.735 MM)				
Casting Numbers: Head #:2B, 4A						
Notes: AVEO, DOHC						
GM	1.6	98	6	LE MANS	88-90	
New Height:		3.7800" (96.012 MM)		Min Height:		3.7700" (95.758 MM)
Intake Hgt:		1.5000" (38.1 MM)		Exhaust Hgt:		1.6250" (41.275 MM)
Casting Numbers: Head #:76124, 90209859						
Block #: 4023228, 9023228						
Notes: TBI, DAEWOO, LE MANS						
Comments: *BOLTS SHOULD BE REMOVED WITH ENGINE COLD AND DO NOT REUSE BOLTS.						
GM	1.6	98	6	LE MANS	91-93	
New Height:		3.7800" (96.012 MM)		Min Height:		3.7700" (95.758 MM)
Intake Hgt:		1.5000" (38.1 MM)		Exhaust Hgt:		1.6250" (41.275 MM)
Casting Numbers: Head #:90209859						
Block #: 4023228, 90232238, 9023228						
Notes: TBI, DAEWOO, LE MANS						
GM	1.6	98	9	CHEVETTE	80-82	
Intake Hgt:		1.3900-1.4200" (35.306-36.068 MM)		Exhaust Hgt:		1.3900-1.4200" (35.306-36.068 MM)
Casting Numbers: Head #:14032343, 14071110, 357151, 466395						
Block #: 14015685						
Notes: CHEVETTE, 2BBL						
GM	1.6	98	C	CHEVETTE	82-87	
Intake Hgt:		1.4850-1.5150" (37.719-38.481 MM)		Exhaust Hgt:		1.6100-1.6400" (40.894-41.656 MM) *
Casting Numbers: Head #:14032343, 14032363, 1403263, 14071110, 357151, 466395						
Block #: 14001133, 14015685						
Notes: CHEVETTE, 2BBL						
Comments: *REPORTS THAT BOTH INTAKE & EXHAUST= 1.485-1.515						
GM	1.6	98	E	CHEVETTE	76-77	
New Height:		3.4000" (86.36 MM)		Exhaust Hgt:		1.3900-1.4200" (35.306-36.068 MM)
Intake Hgt:		1.3900-1.4200" (35.306-36.068 MM)				
Casting Numbers: Head #:14032343, 357151, 458678, 466395						
Block #: 357153, 454208, 464208						
Notes: CHEVETTE, 1BBL, 4-AC, NOVA						
GM	1.6	98	E	CHEVETTE	78-79	
New Height:		3.4000" (86.36 MM)		Exhaust Hgt:		1.3900-1.4200" (35.306-36.068 MM)
Intake Hgt:		1.3900-1.4200" (35.306-36.068 MM)				
Casting Numbers: Head #:14032343, 466395						
Block #: 454208, 464208						
Notes: CHEVETTE, 1BBL						
GM	1.8	108	8	PRIZM	92-04	
Intake Pro / Rec:		.500-.516" V/PRO (12.7-13.106 MM)		Exhaust Pro / Rec:		.500-.516" V/PRO (12.7-13.106 MM)
Casting Numbers: Block #:7A-FE						
Notes: DOHC, TOYOTA, PRIZM						
GM	1.8	108	LV6	PRIZM	93-94	
New Height:		4.5680" (116.027 MM)		Exhaust Hgt:		1.690-1.710" (42.926-43.434 MM)
Intake Hgt:		1.690-1.710" (42.926-43.434 MM)				
Casting Numbers: Head #:S11						
Block #: 7A-FE						
Notes: DOHC, MPI, PRIZM, TOYOTA						
GM	1.8	110		LUV	76-86	G180Z
New Height:		3.6660-3.6720" (93.116-93.269 MM)		Min Height:		3.6560" (92.862 MM)
Casting Numbers: Head #:G 180, G180, G200						
Block #: G180						
Notes: LUV SERIES 15, ISUZU, OPEL 76-79, I- MARK 1981-84						
GM	1.8	110	2	LUV	72-75	G180
New Height:		3.1450-3.1550" (79.883-80.137 MM) *		Min Height:		3.1350" (79.629 MM) *
Casting Numbers: Head #:G180, G644						
Block #: G180						
Notes: LUV, ISUZU						
Comments: * SHIM AVAILABLE FOR THE HEAD GASKET						

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
GM						
				4 Cylinders (cont.)		
GM	1.8	110	8	STORM	92-93	
New Height:	5.114" (129.896 MM)			Min Height:	5.098" (129.489 MM)	
Intake Hgt:	1.7100" (43.434 MM)			Exhaust Hgt:	1.7100" (43.434 MM)	
Casting Numbers:	Block #:4XF1					
Notes:	DOHC, ISUZU, STORM GSI					
GM	1.8	110	8	VIBE	00-05	2ZZGE
Intake Hgt:	1.775-1.795" (45.085-45.593 MM)			Exhaust Hgt:	1.775-1.795" (45.085-45.593 MM)	
Notes:	DOHC,MFI,TOYOTA,82MM BORE,85MM STROKE,LARGER ROD					
GM	1.8	111	D	CHEVETTE	81-86	
New Height:	4.0550" (102.997 MM)			Min Height:	4.0470" (102.794 MM)	
Intake Pro / Rec:	.027-.055" V/REC (.686-1.397 MM)			Exhaust Pro / Rec:	.027-.055" V/REC (.686-1.397 MM)	
Casting Numbers:	Head #:81711, 8N11					
Notes:	DIESEL, CHEVETTE					
GM	1.8	112	G		81-85	
New Height:	3.4000" (86.36 MM)					
Intake Hgt:	1.8950-1.9250" (48.133-48.895 MM)			Exhaust Hgt:	1.9400-1.9700" (49.276-50.038 MM)	
Casting Numbers:	Head #:14020509 Block #: 14004069, 14086049					
Notes:	OHV, CHEVROLET					
GM	1.8	112	J		84-87	
New Height:	3.7800" (96.012 MM)			Min Height:	3.7650" (95.631 MM)	
Intake Hgt:	1.6450-1.6750" (41.783-42.545 MM)			Exhaust Hgt:	1.9450-1.9750" (49.403-50.165 MM)	
Casting Numbers:	Head #:90090536, 90090556, R90090338, R90090536 Block #: 0090529, 2670, 90090529					
Notes:	SOHC, TURBO, MPI, BRAZILIAN BUILT PONTIAC					
GM	1.8	112	O		82-87	
New Height:	3.7800-3.7900" (96.012-96.266 MM)			Min Height:	3.7650" (95.631 MM)	
Intake Hgt:	1.6450-1.6750" (41.783-42.545 MM)			Exhaust Hgt:	1.9450-1.9750" (49.403-50.165 MM)	
Casting Numbers:	Head #:90090536, 90090556, R90090338, R90090536 Block #: 0090529, 2670, 90090529					
Notes:	SOHC, TBI, BRAZILIAN PONTIAC					
GM	1.9	116	7	SATURN	90-02	LLO
New Height:	4.4449-4.4528" (112.9-113.101 MM)			Min Height:	4.4440" (112.878 MM)	
Intake Hgt:	1.5630-1.5860" ** (39.7-40.284 MM)			Exhaust Hgt:	1.5630-1.5860" ** (39.7-40.284 MM)	
Casting Numbers:	Head #:21006469, 21006937 Block #: 21000950, 21007255, 21008252					
Notes:	DOHC, SATURN, LLO					
Comments:	**1.523-1.546" REPORTED-VALVE SEALS INSTALLED / ALSO HAVE SEEN 1.612-1.636" PLUS 60# @ 1.390" **** (INTERFERENCE ENGINE TURN CRANK 90° PAST TDC WHEN INSTALLING HEAD OR BENT VALVES COULD RESULT)					
GM	1.9	116	8	SATURN	93-02	L24
New Height:	4.4440-4.4539" (112.878-113.129 MM)			Min Height:	4.4440" (112.878 MM)	
Intake Hgt:	1.9000-1.9190" * (48.26-48.743 MM)			Exhaust Hgt:	1.9000-1.9190" * (48.26-48.743 MM)	
Casting Numbers:	Head #:21000713, 21006649 Block #: 21007255, 21008252					
Notes:	SOHC, SATURN, L24					
Comments:	* 1.921" MAX (INTERFERENCE ENGINE TURN CRANK 90° PAST TDC WHEN INSTALLING HEAD OR BENT VALVES COULD RESULT)					
GM	1.9	116	9	SATURN	90-94	L24
New Height:	4.4449-4.4539" (112.9-113.129 MM)			Min Height:	4.4440" (112.878 MM)	
Intake Hgt:	1.9000-1.9190" (48.26-48.743 MM)			Exhaust Hgt:	1.9000-1.9190" (48.26-48.743 MM)	
Casting Numbers:	Head #:21000713, 21006649 Block #: 21007255, 21008252					
Notes:	SOHC, SATURN, L24					
Comments:	* 1.921" MAX ** LIFTER BORE DIAMETER = .8434-.8444 (INTERFERENCE ENGINE TURN CRANK 90° PAST TDC WHEN INSTALLING HEAD OR BENT VALVES COULD RESULT)					
GM	1.9	119	A	LUV	82-85	
New Height:	3.6720-3.6780" (93.269-93.421 MM)			Min Height:	3.6560" (92.862 MM)	
Intake Hgt:	1.710-1.730" (43.434-43.942 MM)			Exhaust Hgt:	1.710-1.730" (43.434-43.942 MM)	
Casting Numbers:	Head #:G 200, G200 Block #: G200					
Notes:	SOHC, ISUZU, LUV, S10, S15, 2BBL					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
GM				4 Cylinders (cont.)		
GM	2.0	121	P		82-86	
New Height:	3.400" (86.36 MM)			Exhaust Hgt:	1.940-1.970" (49.276-50.038 MM)	
Intake Hgt:	1.895-1.925" (48.133-48.895 MM)					
Castings Numbers:	Head #: 14020509, 14033265, 14081798, 14086041 Block #: 14049747, 14077238, 14077238, 14079546, 14086051, 14089080					
Notes:	SOHC, TBI, CHEVROLET					
GM	2.0	121	Y	S-10	82-84	
New Height:	3.400" (86.36 MM)			Exhaust Hgt:	1.940-1.970" (49.276-50.038 MM)	
Intake Hgt:	1.895-1.925" (48.133-48.895 MM)					
Castings Numbers:	Head #: 14020509, 14033265, 14081798, 14086041 Block #: 14033270, 14077238, 14077246, 14079546, 14086051, 14089080					
Notes:	SOHC, 2BC, CHEVY S-10					
GM	2.0	122	1		87-88	
New Height:	5.3150-5.3200" (135.001-135.128 MM)			Min Height:	5.3050" (134.747 MM)	
Intake Hgt:	1.9100-1.9400" (48.514-49.276 MM)			Exhaust Hgt:	1.9350-1.9650" (49.149-49.911 MM)	
Castings Numbers:	Head #: 10045049, 14081738 Block #: 10045009, 14086081					
Notes:	OHV, TBI, CHEVROLET, ALUMINUM HEAD					
Comments:	ALUMINUM HEAD					
GM	2.0	122	1		87-89	
New Height:	5.3150-5.3200" (135.001-135.128 MM)			Min Height:	5.3050" (134.747 MM)	
Intake Hgt:	1.9100-1.9400" (48.514-49.276 MM)			Exhaust Hgt:	1.9350-1.9650" (49.149-49.911 MM)	
Castings Numbers:	Head #: 10045049, 14081738 Block #: 10045009, 14086081					
Notes:	OHV, TBI, CHEVROLET					
Comments:	ALUMINUM HEAD					
GM	2.0	122	B		82-86	
New Height:	3.4000" (86.36 MM)			Exhaust Hgt:	1.9400-1.9700" (49.276-50.038 MM)	
Intake Hgt:	1.8950-1.9250" (48.133-48.895 MM)					
Castings Numbers:	Head #: 14020509, 14033265, 14081798, 14086041 Block #: 14049747, 14077238, 14079546, 14086051, 14089080					
Notes:	OHV, 2BBL, CHEVROLET					
GM	2.0	122	C	TRACKER	99-01	L34
Intake Hgt:	1.420-1.426"			Exhaust Hgt:	1.420-1.426"	
Notes:	DOHC, 16V, TRACKER, L34					
GM	2.0	122	H	SUNBIRD	90-95	
New Height:	3.780-3.785" (96.012-96.139 MM)			Min Height:	3.765" (95.631 MM)	
Intake Hgt:	1.5700-1.6100" (39.878-40.894 MM)			Exhaust Hgt:	1.8200-1.8600" (46.228-47.244 MM)	
Castings Numbers:	Head #: 90209802, 90209830, 90209851, 90209896, 90400095, R90209896, R90400095, R90400099 Block #: 90209802, 90400045					
Notes:	SOHC, MFI, PONTIAC SUNBIRD					
Comments:	*REPORTED SPECS WITH SPRING SEATS INSTALLED					
GM	2.0	122	K		87-91	
New Height:	3.780-3.785" (96.012-96.139 MM)			Min Height:	3.765" (95.631 MM)	
Intake Hgt:	1.570-1.610" (39.878-40.894 MM)			Exhaust Hgt:	1.820-1.860" (46.228-47.244 MM)	
Castings Numbers:	Head #: 902098, 90209851, 90209859 Block #: 90209802					
Notes:	SOHC, TBI, BRAZILIAN PONTIAC					
GM	2.0	122	K		88-91	
New Height:	3.780-3.785" (96.012-96.139 MM)			Min Height:	3.765" (95.631 MM)	
Intake Hgt:	1.5700-1.6100" (39.878-40.894 MM)			Exhaust Hgt:	1.8200-1.8600" (46.228-47.244 MM)	
Castings Numbers:	Head #: 2670, 902098, 90209830, 90209851, 90209859 Block #: 90209802					
Notes:	SOHC, TBI, BRAZILIAN, PONTIAC					
GM	2.0	122	M		87-90	
New Height:	3.7800-3.7850" (96.012-96.139 MM)			Min Height:	3.7650" (95.631 MM)	
Intake Hgt:	1.5700-1.6100" (39.878-40.894 MM)			Exhaust Hgt:	1.8200-1.8600" (46.228-47.244 MM)	
Castings Numbers:	Head #: 90209851, 90209859 Block #: 90209802					
Notes:	SOHC, TBI, TURBO, BRAZILIAN BUILT					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
GM				4 Cylinders (cont.)		
GM	2.0	122	M		88-90	
New Height:	3.7800-3.7850" (96.012-96.139 MM)			Min Height:	3.7650" (95.631 MM)	
Intake Hgt:	1.5700-1.6100" (39.878-40.894 MM)			Exhaust Hgt:	1.8200-1.8600" (46.228-47.244 MM)	
Casting Numbers:	Head #:2670, 2671, 90209830, 90209851, 90209859 Block #: 90209802					
Notes:	SOHC, TBI, TURBO, BRAZILIAN BUILT					
Comments:	* GM SUGGESTS USING 2.0L TURBO CYL GASKET & TORQUE THE BOLTS IN SEQUENCE PER TB463.					
GM	2.2	134	4	CAVALIER	91-94	
New Height:	5.3150-5.3300" (135.001-135.382 MM)			Min Height:	5.3050" (134.747 MM)	
Intake Hgt:	1.9700-2.0000" (50.038-50.8 MM)			Exhaust Hgt:	1.9850-2.0150" (50.419-51.181 MM)	
Casting Numbers:	Head #:10045049, 10112391, 10112391S, 10112392, 10184922, 10187922, 10198852, 10198853, 12360424, 14081738 Block #: 10068554, 10112391, 10141927, 10156012, 10156046, 10156048, 10215666, 10215666, 110156012, 24575396					
Notes:	OHV, MFI, ALUMINUM HEAD, CHEVROLET					
Comments:	* STEM DIA. BEGINNING IN 1994 IS 7MM, SEE TB-1116 & .3136" FOR EXHAUST ROCKER STUD 33-40 FT/LBS ** CAUTION: CAREFULLY CHECK THE EGR CROSS-OVER PLATE GASKET. IF YOU USE THE WRONG GASKET YOU WILL HAVE A VACUUM LEAK AND BAD IDLE. MEMBER # 7543 6-3-03 MC					
GM	2.2	134	4	CAVALIER	94-97	LN2
New Height:	5.3150-5.3300" (135.001-135.382 MM)			Min Height:	5.3050" (134.747 MM)	
Intake Hgt:	1.9700-2.0000" (50.038-50.8 MM)			Exhaust Hgt:	1.9850-2.0150" (50.419-51.181 MM)	
Casting Numbers:	Head #:10112391, 10112391S, 10112391-S, 10112392, 10184922, 10198852, 10198853, 12360424, 24503315, 24575507 Block #: 10141927, 10215666, 24574521, 24575396, 24576035					
Notes:	LN2, 7MM VALVE STEM					
Comments:	** SEE 1998-2000 VIN 4 * CAUTION: CAREFULLY CHECK THE EGR CROSS-OVER PLATE GASKET. IF YOU USE THE WRONG GASKET YOU WILL HAVE A VACUUM LEAK AND BAD IDLE.					
GM	2.2	134	4	CAVALIER	98-02	LN2
New Height:	5.3150-5.3300" (135.001-135.382 MM)			Min Height:	5.3050" (134.747 MM)	
Intake Hgt:	1.860-1.885" (47.244-47.879 MM)			Exhaust Hgt:	1.9000-1.9100" (48.26-48.514 MM)	
Casting Numbers:	Head #:10112391, 10112391S, 24503315, 24575507, 24576146 Block #: 10141927, 10215666					
Notes:	LN2, 7MM VALVE STEM, ROLLER ROCKER					
Comments:	ROCKER STUD 33-40 FT/LBS * CAUTION: CAREFULLY CHECK THE EGR CROSS-OVER PLATE GASKET. IF YOU USE THE WRONG GASKET YOU WILL HAVE A VACUUM LEAK AND BAD IDLE. MEMBER # 7543 6-3-03 MC					
GM	2.2	134	5	TRUCK	00-01	L43
New Height:	NOT SUPPLIED FROM OEM					
Notes:	MFI, S15/T15 SONOMA P/UP TRUCK					
Comments:	* VALVE TIP TO RETAINER GROOVE CENTERLINE: I=.194-.215", E=.212-.232"					
GM	2.2	134	D	SATURN	02-03	L61
New Height:	5.0800-5.0850" (129.032-129.159 MM)			Min Height:	NOT SUPPLIED BY OEM	
Intake Hgt:	1.570-1.590" (39.878-40.386 MM)			Exhaust Hgt:	1.570-1.590" (39.878-40.386 MM)	
Casting Numbers:	Head #:24454329					
Notes:	MFI, ECOTEC, DOHC, SATURN VUE					
GM	2.2	134	F	CAVALIER	00-05	L61
New Height:	5.0800-5.0850" (129.032-129.159 MM)			Min Height:	NOT SUPPLIED BY OEM AS OF 3-3-2006	
Intake Hgt:	1.570-1.590" (39.878-40.386 MM)			Exhaust Hgt:	1.570-1.590" (39.878-40.386 MM)	
Casting Numbers:	Head #:24454329, LO3310852					
Notes:	DOHC, ECOTEC, MFI, ALERO, CAVALIER, SATURN					
Comments:	** REPLACE BOLTS					
GM	2.2	134	G		90-91	
New Height:	5.3150-5.3300" (135.001-135.382 MM)			Min Height:	5.3050" (134.747 MM)	
Intake Hgt:	1.9110-1.9400" (48.539-49.276 MM)			Exhaust Hgt:	1.9350-1.9650" (49.149-49.911 MM)	
Casting Numbers:	Head #:10045049, 10112391, 10112391S, 14081738 Block #: 10068554, 10103566					
Notes:	OHV, TBI, ALUMINUM HEAD, CHEVROLET					
Comments:	REPLACEMENT HEADS USE 7MM VALVES ROCKER STUD 33-40 FT/LBS * CAUTION: CAREFULLY CHECK THE EGR CROSS-OVER PLATE GASKET. IF YOU USE THE WRONG GASKET YOU WILL HAVE A VACUUM LEAK AND BAD IDLE. MEMBER # 7543 6-3-03 MC					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
GM 4 Cylinders (cont.)						
GM	2.2	137	S	LUV	81-85	
New Height:	3.6220-3.6250" (91.999-92.075 MM)			Min Height:	3.6060" (91.592 MM)	
Intake Pro / Rec:	.019-.030" V/REC (.483-.762 MM)			Exhaust Pro / Rec:	.019-.030" V/REC (.483-.762 MM)	
Casting Numbers:	Head #:5-182-0, 83-8-947-0, 8818-0, 8-947-0 Block #: 83-906					
Notes:	DIESEL, CHEVY LUV					
GM	2.3	138	3	ACHIEVA	92-95	L40
New Height:	2.915 " **			Min Height:	2.9050"	
Intake Hgt:	1.8600-1.8800" (47.244-47.752 MM)			Exhaust Hgt:	1.8600-1.8800" (47.244-47.752 MM)	
Casting Numbers:	Head #:24573087, 24573302, 24574468, 468 Block #: 22534033, 24570661, 24572927					
Notes:	SOHC, MFI, L40 ACHIEVA					
Comments:	** MEASURE AT FRONT HEAD BOLT BOSS *BOLTS 1-6: 18 FT/LBS + 90°, 7-8: 26 FT/LBS + 60°, 9-10: 30 FT/LBS + 60°					
GM	2.3	138	A		88-95	LGO
New Height:	2.9120" (73.965 MM)			Min Height:	SEE TB 574R	
Intake Hgt:	1.8600-1.8800" (47.244-47.752 MM)			Exhaust Hgt:	1.8600-1.8800" (47.244-47.752 MM)	
Casting Numbers:	Head #:22530955, 22538433, 22539068, 22539086, 24570753, 24573303, 24575456 Block #: 10068554, 10141927, 10156012, 10156046, 10215666, 22534033, 22535788, 22538061, 22539326, 24570377, 24570661, 24572927, 24574400					
Notes:	DOHC, MFI, QUAD 4, BALANCE SHAFT IN 95					
Comments:	*1995:INTAKE=1.4318-1.4421, EXHAUST=1.2350-1.2453 EXHAUST					
GM	2.3	138	D		88	
New Height:	2.9120" (73.965 MM)			Min Height:	SEE TB 574R	
Intake Hgt:	1.860-1.880" (47.244-47.752 MM)			Exhaust Hgt:	1.860-1.880" (47.244-47.752 MM)	
Casting Numbers:	Head #:22530955, 22538433, 22539086 Block #: 22534033, 22535788, 22538061					
Notes:	DOHC, OLDSMOBILE QUAD 4					
GM	2.3	138	D		89-94	
New Height:	2.9120" (73.965 MM)			Min Height:	SEE TB 574R	
Intake Hgt:	1.860-1.880" (47.244-47.752 MM)			Exhaust Hgt:	1.860-1.880" (47.244-47.752 MM)	
Casting Numbers:	Head #:22530955, 22538433, 22539068, 22539086, 24570753 Block #: 22534033, 22538061, 22538062, 22539326, 22545442, 24570377, 24570661, 24572927, 25545690					
Notes:	DOHC, OLDSMOBILE QUAD 4					
Comments:	* 1990-91 INTAKE HEAD DIAMETER = 1.441", EX=1.239" ALSO SEE NOTES FOR INFORMATION ON VALVE GRINDING.					
GM	2.3	138	D		94-95	LD2
New Height:	2.9120" (73.965 MM)			Exhaust Hgt:	*	
Intake Hgt:	*					
Casting Numbers:	Head #:24575456 Block #: 24574400					
Notes:	DOHC, BALANCE SHAFT ASSEMBLY					
Comments:	0.984-1.004" FROM TIP OF THE VALVE TO THE CAMSHAFT HOUSING MOUNTING SURFACE.					
GM	2.3	140	A	VEGA	74-75	
Intake Hgt:	2.130-2.170" (54.102-55.118 MM)			Exhaust Hgt:	2.130-2.170" (54.102-55.118 MM)	
Casting Numbers:	Head #:355719, 359981 Block #: 343376					
Notes:	VEGA, 1BBL CARB					
GM	2.3	140	A	VEGA	76-77	
Intake Hgt:	2.1400-2.1800** (54.356-55.372 MM)			Exhaust Hgt:	2.1400-2.1800** (54.356-55.372 MM)	
Casting Numbers:	Head #:355719, 357634, 357635, 359981, 366852, 377170, 71706 Block #: 333940, 338200, 362800					
Notes:	VEGA, 1BBL					
GM	2.3	140	V	VEGA	71-76	
Intake Hgt:	2.1400-2.1800" (54.356-55.372 MM) *			Exhaust Hgt:	2.1400-2.1800" (54.356-55.372 MM) *	
Casting Numbers:	Head #:14019923, 355719, 357634, 357635, 359981, 366852, 377170, 3967096, 3967105, 6270019, 6271105, 71706 Block #: 333940, 338200, 343376, 362800, 3967094, 6259393					
Notes:	CHEVROLET VEGA, ALUMINUM BLOCK					
Comments:	*FOR THE HYD. LIFTER HEAD = 1.5350-1.5750"					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
GM				4 Cylinders (cont.)		
GM	2.4	146	T	ACHIEVA	96-02	LD9
New Height:	2.275" @ FRONT HEAD BOLT BOSS			Min Height:	.010" MAX REMOVE (.254 MM)	
Intake Hgt:	.9787-1.0024" (24.859-25.461 MM) *			Exhaust Hgt:	.9787-1.0024" (24.859-25.461 MM) *	
Casting Numbers:	Head #:24574683-18, 24575779 Block #: 24574250, 24575783					
Notes:	DOHC,SFI,CAVALIER,SUNFIRE,GRAND AM,ACHIEVA,SKYLARK					
Comments:	* CAM CARRIER RAIL-VALVE TIP. ** FROM VALVE TIP TO SPRING PAD INTAKE 1.905" EXHAUST = 1.665" ** 2000 VALVE LENGTH 4.245" INTAKE & 4.282" EXHAUST *** REPLACEMENT & SOME HEAD CASTING # 24575779 DO NOT USE ROTATORS, BUT IF USED THEY INSTALL ON THE INTAKE					
GM	2.5	151	1		77-79	
New Height:	3.250" (82.55 MM)					
Intake Hgt:	2.0780-2.10800" (52.781-53.543 MM)			Exhaust Hgt:	2.0780-2.1080" (52.781-53.543 MM)	
Casting Numbers:	Head #:4984971, 498597, 4985973, 498886 Block #: 49885, 498886					
Notes:	PONTIAC, 2BBL					
Comments:	* EXHAUST VALVE STEM IS TAPERED CLEARANCE AT THE BOTTOM IS .0020-.0037					
GM	2.5	151	2		82-86	
New Height:	3.250" (82.55 MM)					
Intake Hgt:	2.0500-2.0800" (52.07-52.832 MM)			Exhaust Hgt:	2.0000-2.0300" (50.8-51.562 MM)	
Casting Numbers:	Head #:10014552, 10022373, 10027767, 373, 552, 702, 767, 90090536 Block #: 10018149, 10028058, 10030579, 10031638, 10037032, 10039803, 10043046					
Notes:	TBI, PONTIAC, RWD					
GM	2.5	151	5		79-83	
New Height:	3.250" (82.55 MM)					
Intake Hgt:	1.7050-1.7350" (43.307-44.069 MM)			Exhaust Hgt:	1.6750-1.7050" (42.545-43.307 MM)	
Casting Numbers:	Head #:10000702, 10014552, 552, 702, 767 Block #: 10009540, 10009542, 10012189, 10014194, 10018148, 10018149, 10019149					
Notes:	PONTIAC, FWD, 2BBL					
Comments:	* EXH STEM IS TAPERED, CLEAR @ BOTTOM: .0020-.0037BOTTOM IS .0020-.0037					
GM	2.5	151	9		79-79	
New Height:	3.250" (82.55 MM)					
Intake Hgt:	1.7050-1.7350" (43.307-44.069 MM)			Exhaust Hgt:	1.6750-1.7050" (42.545-43.307 MM)	
Casting Numbers:	Head #:10000702 Block #: 10009542, 10012189					
Notes:	PONTIAC, 2BBL					
Comments:	* EXHAUST VALVE STEM IS TAPERED CLEARANCE AT THE BOTTOM IS .0020-.0037					
GM	2.5	151	A	S-10	91-93	
New Height:	3.240-3.250" (82.296-82.55 MM)					
Intake Hgt:	1.9400-1.9600" (49.276-49.784 MM)			Exhaust Hgt:	1.8750-1.8950" (47.625-48.133 MM)	
Casting Numbers:	Head #:10044485, 10112514 Block #: 10043046, 10044311					
Notes:	TBI, S-10 TRUCK, HIGH OUTPUT					
GM	2.5	151	E		85-87	
New Height:	3.240-3.250" (82.296-82.55 MM)					
Intake Hgt:	1.9400-1.9600" (49.276-49.784 MM)			Exhaust Hgt:	1.8750-1.8950" (47.625-48.133 MM)	
Casting Numbers:	Head #:10022373, 10027767, 10101496, 373, 767 Block #: 10028058, 10030579, 10037029, 10037032, 10044562					
Notes:	TBI, FWD & RWD					
GM	2.5	151	E	S-10	87-91	
New Height:	3.2400-3.2500" (82.296-82.55 MM)					
Intake Hgt:	1.9400-1.9600" (49.276-49.784 MM) *			Exhaust Hgt:	1.8750-1.8950" (47.625-48.133 MM) *	
Casting Numbers:	Head #:10038808, 10044642, 10044655, 10112514 Block #: 10043046, 10044311					
Notes:	TBI, RWD, S-10					
Comments:	* 1987-89: INTAKE=1.705-1.735, EXHAUST=1.675-1.705					
GM	2.5	151	F		82-83	
New Height:	3.250" (82.55 MM)					
Intake Hgt:	2.0500-2.0800" (52.07-52.832 MM)			Exhaust Hgt:	2.0500-2.0800" (52.07-52.832 MM)	
Casting Numbers:	Head #:552, 702 Block #: 10018149					
Notes:	PONTIAC, 2BBL					
Comments:	* ENGINES PRIOR-86-87 HAD .342" STEM DIAMETERS U ENGINES HAVE REAR HEAD BOLTS SPACED 3.670 APART					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
GM						4 Cylinders (cont.)
GM	2.5	151	R	FIERO	83-86	
New Height:	3.250" (82.55 MM)					
Intake Hgt:	2.020-2.080" (51.308-52.832 MM)			Exhaust Hgt:	2.030-2.080" (51.562-52.832 MM)	
Casting Numbers:	Head #: 10022373, 10027767, 373, 767 Block #: 10028058, 10030579, 10031638, 10037029, 10037032, 10039803, 10044562					
Notes:	TBI, RWD, S-10, FIERO					
Comments:	* EXH STEM IS TAPERED, CLEAR @ BOTTOM: .0020-.0037** HEAD BOLTS #9 & 10 REQUIRE THREAD SEALER. ** HEAD BOLTS #9 & 10 REQUIRE THREAD SEALER. SEALER.					
GM	2.5	151	R		82-83	
New Height:	3.250" (82.55 MM)					
Intake Hgt:	2.020-2.080" (51.308-52.832 MM)			Exhaust Hgt:	2.020-2.080" (51.308-52.832 MM)	
Casting Numbers:	Head #: 10014552, 552, 767 Block #: 10018149					
Notes:	TBI PONTIAC					
Comments:	* EXH STEM IS TAPERED, CLEAR @ BOTTOM: .0020-.0037BOTTOM IS .0020-.0037					
GM	2.5	151	R		87-88	
New Height:	3.2500" (82.55 MM)					
Intake Hgt:	1.7050-1.7350" (43.307-44.069 MM)			Exhaust Hgt:	1.6750-1.7050" (42.545-43.307 MM)	
Casting Numbers:	Head #: 10038806, 10038808, 10044485, 10044642, 10044655, 10101496 Block #: 10035817, 10038893, 10038980, 10043046, 10044311, 10044562, 10112511					
Notes:	TBI PONTIAC					
GM	2.5	151	R		89	
New Height:	3.2500" (82.55 MM)					
Intake Hgt:	1.7050-1.7350" (43.307-44.069 MM)			Exhaust Hgt:	1.6750-1.7050" (42.545-43.307 MM)	
Casting Numbers:	Head #: 10038808, 10044485, 10044642, 1004485, 10112514 Block #: 10038980, 10044311					
Notes:	TBI, PONTIAC					
GM	2.5	151	R		90-92	
New Height:	3.2500" (82.55 MM)					
Intake Hgt:	1.7050-1.7350" (43.307-44.069 MM) *			Exhaust Hgt:	1.6750-1.7050" (42.545-43.307 MM) *	
Casting Numbers:	Head #: 10038808, 10044485, 10044642, 1004485, 10112514 Block #: 10038980, 10044311, 10101750					
Notes:	TBI PONTIAC					
Comments:	* 1987-91: VLV STM HGT I=1.940-1.960 E=1.875-1.895 1987-91: VALVE SPRG HGT 1.660 1987-91: SPG PRESS OPEN 122-180 @ 1.254 NOTE: DIFFERENTIAL OF SPECS VARY W/VEHICLE APPLIC.					
GM	2.5	151	U		85-86	
New Height:	3.240-3.250" (82.296-82.55 MM)			Min Height:	3.230" (82.042 MM)	
Intake Hgt:	2.020-2.080" (51.308-52.832 MM)			Exhaust Hgt:	2.020-2.080" (51.308-52.832 MM)	
Casting Numbers:	Head #: 10022373, 10027767, 767 Block #: 10027769, 10027769-1, 10027769-3, 10027769-4					
Notes:	TBI PONTIAC					
Comments:	* EXH STEM IS TAPERED, CLEAR @ BOTTOM: .0020-.0037AT THE BOTTOM IS .0020-.0037"					
GM	2.5	151	U		87-88	
New Height:	3.240-3.250" (82.296-82.55 MM)					
Intake Hgt:	1.7050-1.7350" (43.307-44.069 MM)			Exhaust Hgt:	1.6750-1.7050" (42.545-43.307 MM)	
Casting Numbers:	Head #: 10038808, 10044642, 10044655, 10101496 Block #: 10035901, 10041725, 10043010					
Notes:	TBI PONTIAC					
GM	2.5	151	U		89-91	
New Height:	3.240-3.250" (82.296-82.55 MM)			Min Height:	3.230" (82.042 MM)	
Intake Hgt:	1.7050-1.7350" (43.307-44.069 MM) *			Exhaust Hgt:	1.6750-1.7050" (42.545-43.307 MM) *	
Casting Numbers:	Head #: 10044485, 10044642, 1004485, 10112514 Block #: 100041725, 10041725, 10101401					
Notes:	TBI PONTIAC					
Comments:	* SOME HEADS HAVE BEEN INTAKE 1.940-1.960" AND EXHAUST 1.875-1.895" ** VALVE LENGTHS CHANGE '91 FROM 4.356-4.543"					
GM	2.5	151	V		78-80	
New Height:	3.250" (82.55 MM)					
Intake Hgt:	1.7050-1.7350" (43.307-44.069 MM)			Exhaust Hgt:	1.6750-1.7050" (42.545-43.307 MM)	
Casting Numbers:	Head #: 10000702, 498597, 702 Block #: 10009542, 10012189, 498886					
Notes:	PONTIAC, 2BBL					
Comments:	* EXHAUST VALVE STEM IS TAPERED CLEARANCE AT THE BOTTOM IS .0020-.0037					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
GM						
				4 Cylinders	(cont.)	
GM	2.5	153	IND		62-80	
New Height:	3.3000" (83.82 MM)					
Intake Hgt:	1.9700-2.0000" (50.038-50.8 MM)			Exhaust Hgt:	1.9700-2.0000" (50.038-50.8 MM)	
Casting Numbers:	Head #: 2767031, 2776952, 3788519, 382433, 3824433, 383433, 3864888, 3905998, 3915198 Block #: 2769040, 2849449, 3738514, 3788514, 3792857, 3833056, 3915983, 3937746					
Notes:	IND/MARINE, 110 & 120 MERCURISER/OMC					
GM	2.8	170	8	COLORADO	04-05	LK5, 2800
New Height:	THKNS VARIED FROM CORNER TO CORNER			Min Height:	NOT SUPPLIED BY OEM	
Intake Hgt:	1.597-1.607" (40.564-40.818 MM)			Exhaust Hgt:	1.597-1.607" (40.564-40.818 MM)	
Notes:	DOHC, SFI, COLORADO					
Comments:	* THERE ARE 14 MEDIUM SIZE BOLTS, 2 SHORT BOLTS, AND 1 LONG BOLT.					
GM	3.0	181			94-04	
Intake Hgt:	1.9380-1.9680" (49.225-49.987 MM)			Exhaust Hgt:	1.9380-1.9680" (49.225-49.987 MM)	
Notes:	2BBL CARB					
Comments:	* ROCKER RATIO 1.75:1					
GM	3.0	181	IND		74-93	
Intake Hgt:	1.9380-1.9680" (49.225-49.987 MM)*			Exhaust Hgt:	1.9380-1.9680" (49.225-49.987 MM)*	
Casting Numbers:	Head #: 14096620, 2176954, 277087, 2774531, 2776852, 2776954, 2777770, 2778964, 3937758 Block #: 14096613, 14097080, 14097080, 27678, 27700104, 2770087					
Notes:	INDUSTRIAL & MARINE					
Comments:	* CASTING # 14066620 = 2.040-2.050" FOR BOTH INTAKE & EXHAUST ** ROCKER RATIO 1.75:1					
GM	3.2	195	P	TEMPEST	61-63	
Intake Hgt:	1.7510-1.7810" (44.475-45.237 MM)			Exhaust Hgt:	1.7510-1.7810" (44.475-45.237 MM)	
Casting Numbers:	Head #: 538177, 543796, 543797, 9773345 Block #: 539120					
Notes:	PONTIAC TEMPEST					
GM	3.9	235	K		85-94	4BD2-TC
New Height:	3.5450" (90.043 MM)			Min Height:	3.5330" (89.738 MM)	
Intake Pro / Rec:	.039-.099" V/REC (.991-2.515 MM)			Exhaust Pro / Rec:	.039-.099" V/REC (.991-2.515 MM)	
Notes:	4BD2-TC DIESEL, WR TRUCKS					
GM						
				5 Cylinders		
GM	3.5	213	6	COLORADO	04-06	L52
New Height:	VARIED FROM CORNER TO CORNER 4.709			Min Height:	NOT SUPPLIED BY OEM	
Intake Hgt:	1.597-1.607" (40.564-40.818 MM) **			Exhaust Hgt:	1.597-1.607" (40.564-40.818 MM) **	
Notes:	DOHC, SFI, CANYON					
Comments:	* THERE ARE 14 MEDIUM SIZE BOLTS, 2 SHORT BOLTS & 1 LONG BOLT. ** ON A 2005 HEAD CAST #8424S INSTALLED VALVE HGTS ARE 1.697-1.707" WITH CORRECT LENGTH VALVES.					
GM						
				6 Cylinders		
GM	2.3	140	B	VEGA	76-77	
Intake Hgt:	1.535-1.575" (38.989-40.005 MM)			Exhaust Hgt:	1.535-1.575" (38.989-40.005 MM)	
Casting Numbers:	Head #: 355719, 357634, 357635, 359981, 366852, 377170, 71706 Block #: 333940, 338200, 362800					
Notes:	VEGA, 2BBL STAGED WEBER CARB					
GM	2.5	152	4	TRACKER	01-03	TRACKER
New Height:	4.802" (121.971 MM)					
Intake Hgt:	1.410-1.420"			Exhaust Hgt:	1.410-1.420"	
Notes:	DOHC, MFI, SUZUKI					
GM	2.6	158	M	CADILLAC CTS	03-06	LY9
New Height:	5.276" (134.000 MM)					
Intake Hgt:	1.5433" (39.200 MM)			Exhaust Hgt:	1.5433" (39.200 MM)	
Notes:	CADILLAC CTS					
GM	2.7	164		CORVAIR	64-69	110
Intake Pro / Rec:	6.4° INCLINE			Exhaust Pro / Rec:	4.2° INCLINE	
Casting Numbers:	Head #: 3786591, 3819876, 3819904, 3819908, 3839887, 3856626, 3856632, 3856638, 3856728, 3856743, 3856762, 3878570, 3880708, 3883862, 3883864 Block #: 6255616					
Notes:	CHEVROLET CORVAIR OPPOSED CYLS AIR COOLED					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
GM						6 Cylinders (cont.)
GM	2.8	173	1		82-85	
New Height:	3.415-3.420" (86.741-86.868 MM)					
Intake Hgt:	1.8800-1.9100" (47.752-48.514 MM)			Exhaust Hgt:	1.9700-2.0000" (50.038-50.8 MM)	
Casting Numbers:	Head #:14024258, 14033282, 14033292, 14054877, 14054882, 476503 Block #: 14033068, 14033379, 14072061, 14078889, 14083370, 14089818					
Notes:	2BC, RWD, CHEVROLET, 1ST DESIGN					
Comments:	*HO & EFI HEADS, 1.600" & 1.300" FOR CARB. HEAD THICKNESS IS VARYING					
GM	2.8	173	7		79-80	
New Height:	3.5805-3.5950" (90.945-91.313 MM)					
Intake Hgt:	1.8800-1.9100" (47.752-48.514 MM)			Exhaust Hgt:	1.9700-2.0000" (50.038-50.8 MM)	
Casting Numbers:	Head #:14024258, 14033282, 14033292, 14054877, 14054882, 476503 Block #: 14003987, 14024243, 422613					
Notes:	2BC, FWD, 1ST DESIGN, CHEVROLET					
Comments:	CAST IRON HEAD					
GM	2.8	173	9	FIERO	85-88	
New Height:	3.5805-3.5950" (90.945-91.313 MM)					
Intake Hgt:	1.8800-1.9100" (47.752-48.514 MM)			Exhaust Hgt:	1.9700-2.0000" (50.038-50.8 MM)	
Casting Numbers:	Head #:14024527, 14031327, 14044884, 14054879, 14054884, 14084882, 14087879 Block #: 10065459, 14072065, 14083369, 14091820, 14092219, 14100695					
Notes:	MFI, FIERO, CHEVROLET, 2ND DESIGN					
Comments:	CAST IRON HEADS, *HO & EFI HEADS		HEAD THICKNESS IS VARYING		*HOT	
GM	2.8	173	B		82-85	
New Height:	3.5805-3.5950" (90.945-91.313 MM)					
Intake Hgt:	1.8800-1.9100" (47.752-48.514 MM)			Exhaust Hgt:	1.9700-2.0000" (50.038-50.8 MM)	
Casting Numbers:	Head #:14024258, 14033282, 14033292, 14054877, 14054882, 14057877, 14084882, 476503 Block #: 14033068, 14072061, 14078889, 14083370, 14083379, 14089818					
Notes:	2BC, 1ST DESIGN, CHEVROLET					
Comments:	*HO & EFI HEADS= 1.600" & 1.300" FOR CARB. ENGINES CAST IRON HEADS, HEAD THICKNESS IS VARYING					
GM	2.8	173	R	SONOMA	86-93	
New Height:	3.5805-3.5950" (90.945-91.313 MM)					
Intake Hgt:	1.8800-1.9100" (47.752-48.514 MM)			Exhaust Hgt:	1.9700-2.0000" (50.038-50.8 MM)	
Casting Numbers:	Head #:14024527, 14031327, 14044884, 14054484, 14054879, 14054884, 14087879 Block #: 10065457, 14065457, 14072061, 14083370, 14083379, 14100695					
Notes:	TBI, RWD, 2ND DESIGN, CHEVROLET, SONOMA					
Comments:	* VALVE HEAD DIA: 1.600 & 1.300 FOR CARB ENGINES CAST IRON HEAD					
GM	2.8	173	S		85-92	
New Height:	3.5805-3.5950" (90.945-91.313 MM)					
Intake Hgt:	1.8800-1.9100" (47.752-48.514 MM)			Exhaust Hgt:	1.9700-2.0000" (50.038-50.8 MM)	
Casting Numbers:	Head #:14024527, 14031327, 14044884, 14054879, 14054884, 14087879 Block #: 10065457, 14065457, 14072061, 14083370, 14083379, 14100695					
Notes:	RWD, CHEVROLET, 2ND DESIGN					
Comments:	* VALVE HEAD DIA: 1.600 & 1.300 FOR CARB ENGINES CAST IRON HEAD				**85-86	
	USES A TORQUE 65-75 FT/LBS					
GM	2.8	173	W		85-86	
New Height:	3.5805-3.5950" (90.945-91.313 MM)					
Intake Hgt:	1.8800-1.9100" (47.752-48.514 MM)			Min Height:	N/A	
Exhaust Hgt:	1.9700-2.0000" (50.038-50.8 MM)					
Casting Numbers:	Head #:14024527, 14031327, 14044884, 14054879, 14054884, 14087879 Block #: 14072065, 14083369, 14091820					
Notes:	MFI, FWD, CHEVROLET, 2ND DESIGN					
Comments:	CAST IRON HEAD					
GM	2.8	173	W		87-89	
New Height:	3.5805-3.5950" (90.945-91.313 MM)					
Intake Hgt:	1.8800-1.9100" (47.752-48.514 MM)			Exhaust Hgt:	1.8800-1.9100" (47.752-48.514 MM)	
Casting Numbers:	Head #:10048649, 10048651, 10048696, 10087511, 14079248, 14089834 Block #: 10065459, 14054877, 14089893, 14092219					
Notes:	MFI, FWD, 2ND DESIGN, CHEVROLET, ALUMINUM HEADS					
Comments:	ALUMINUM HEAD, PUSH ROD LENGTHS ARE DIFF INT/EXH * SPRING WITHOUT A DAMPER IS 2.110" FREE LENGTH = 86-94#S @ 1.7091"					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
GM					6 Cylinders	(cont.)
GM	2.8	173	X		80-86	
New Height:	3.5805-3.5950" (90.945-91.313 MM)					
Intake Hgt:	1.8800-1.9100" (47.752-48.514 MM)			Exhaust Hgt:	1.9700-2.0000" (50.038-50.8 MM)	
Casting Numbers:	Head #:14024258, 14033282, 14033292, 14054877, 14054882, 14057877, 14084882, 476503 Block #: 14003987, 14024243, 14033183, 14042527, 14054832, 14054833, 14054835, 14072065, 14083369, 14089893, 14091820, 422613					
Notes:	2BC, FWD, 1ST DESIGN, CHEVROLET					
Comments:	* VALVE HEAD DIA: 1.600 & 1.300 FOR CARB ENGINES CAST IRON HEAD					
GM	2.8	173	Z		82-84	
New Height:	3.5805-3.5950" (90.945-91.313 MM)					
Intake Hgt:	1.8800-1.9100" (47.752-48.514 MM)			Exhaust Hgt:	1.9700-2.0000" (50.038-50.8 MM)	
Casting Numbers:	Head #:14024258, 14031327, 14033282, 14054877, 14054879, 14054882, 14054884, 14087879, 15054882, 476503 Block #: 14033183, 14042527, 14054832, 14054833, 14072065, 14091820					
Notes:	2BC, HO, FWD, 1ST DESIGN, CHEVROLET					
Comments:	CAST IRON HEAD					
GM	3.0	181	E		82-85	
New Height:	SEE TB643					
Intake Hgt:	1.9200-1.9500" (48.768-49.53 MM)			Exhaust Hgt:	1.9200-1.9500" (48.768-49.53 MM)	
Casting Numbers:	Head #:25505900, 25506293, 25510191, 25518445 Block #: 25508266, 25514141, 25514292, 25518605, 25520041, 25524141					
Notes:	BUICK, HIGH DECK BLOCK, O.S. OD CAM BRG AVLBL					
GM	3.0	181	L		85-86	
New Height:	2.6050" (66.167 MM)					
Intake Hgt:	1.9380-1.9680" (49.225-49.987 MM)			Min Height:	2.5930" (65.862 MM)	
Exhaust Hgt:	1.9380-1.9680" (49.225-49.987 MM)					
Casting Numbers:	Head #:25519863, 25523030, 25524248, 25527515 Block #: 25521362, 25523214, 25523244, 25523686, 25525932, 25529682					
Notes:	MFI, LOW DECK BLOCK, BUICK					
Comments:	** ROCKER RATIO 1.75:1					
GM	3.0	181	L		87-88	
New Height:	2.6050" (66.167 MM)					
Intake Hgt:	1.9380-1.9680" (49.225-49.987 MM)			Min Height:	2.5930" (65.862 MM)	
Exhaust Hgt:	1.9380-1.9680" (49.225-49.987 MM)					
Casting Numbers:	Head #:25519863, 25523030, 25524248, 25527515 Block #: 25525932, 25529682					
Notes:	MFI, LOW DECK BLOCK, BUICK					
Comments:	** ROCKER RATIO 1.75:1					
GM	3.0	181	R	CATERA	97-04	L81
New Height:	5.2720-5.2800"					
Intake Hgt:	1.5550-1.5650" (39.624 MM)			Min Height:	NONE SUPPLIED BY GM	
Exhaust Hgt:	1.5650-1.5750" (39.878 MM) *					
Casting Numbers:	Head #:38954, 38964					
Notes:	DOHC, 54° VEE, CATERA, SATURN					
Comments:	* REPORTED 1.550" MEMBER # 36497 12-10-02 MC * 2002-2004 SATURN VUE INTAKE AND EXHAUST VALVE INSTALLED HEIGHT NEW 1.5430" (39.192 MM) 09-23-05 MC * REPORTED INTAKE 1.5750" MEMBER # 31050 09-23-05 MC					
GM	3.1	191	D	LUMINA	90-95	LG6
New Height:	3.5850-3.5950" (91.059-91.313 MM)					
Intake Hgt:	1.880-1.910" (47.752-48.514 MM)			Min Height:	3.5750" (90.805 MM)	
Exhaust Hgt:	1.880-1.910" (47.752-48.514 MM)					
Casting Numbers:	Head #:10048651, 10048696, 10087511, 14031327, 14044884, 14054879, 14054884, 14089275 Block #: 10065457, 10065459, 10110519, 10118618, 10118653, 10118818, 10137086, 10240934, 14065457, 14092219, 14100695					
Notes:	RWD, FWD, LUMINA APV, 60° V-6, LG6					
GM	3.1	191	J		00-03	LG8
New Height:	3.5850-3.5950" (91.059-91.313 MM)					
Intake Hgt:	1.880-1.910" (47.752-48.514 MM)			Exhaust Hgt:	1.970-2.000" (50.038-50.800 MM)	
Casting Numbers:	Head #:10154743, 10218170, 10218170, 24503769 Block #: 10137093, 10187093, 10191737, 10224227, 10224227, 11018737, 24504089, 24504089, 24504150, 24504159					
Notes:	SFI, 3100 FWD, 60° V-6, ROLLER CAM					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
GM						
			6 Cylinders (cont.)			
GM	3.1	191	M		93-99	L82
New Height:	3.5850-3.5950" (91.059-91.313 MM)			Min Height:	** SEE COMMENTS BOX BELOW	
Intake Hgt:	1.880-1.910" * (47.752-48.514 MM)			Exhaust Hgt:	1.970-2.000" * (50.038-50.8 MM)	
Casting Numbers:	Head #:10154743, 24503769 Block #: 10137093, 10187093, 10191737, 10224227, 11018737, 24504089, 24504150, 24504159					
Notes:	SFI, 3100 FWD, 60°, V-6, L82, ROLLER CAM					
Comments:	* 1994-96 1.890-1.910" FOR INTAKE & EXHAUST ** ROCKER ARM SHIMS MIGHT BE NEEDED GM PART # 88894006 USE NO MORE THAN TWO PER ROCKER.					
GM	3.1	191	T	FIREBIRD	89-94	LH0
New Height:	3.5850-3.5950" (91.059-91.313 MM)			Min Height:	3.5750" (90.805 MM)	
Intake Hgt:	1.880-1.910" * (47.752-48.514 MM)			Exhaust Hgt:	1.880-1.910" * (47.752-48.514 MM)	
Casting Numbers:	Head #:10048649, 10048651, 10048696, 10087511, 14031327, 14044884, 14054879, 14054884, 14079248, 14089834 Block #: 10065457, 10065459, 10110519, 10118618, 10118653, 10118818, 10137086, 10240934, 14065457, 14092219, 14100695					
Notes:	MFI, FWD & RWD FIREBIRD, 60° V-6, CHEVROLET LH0					
Comments:	ALUMINUM HEAD CHANGED-THE ADJ. SCREW-IN STUD. *CAST IRON HEAD - INTAKE 2.000" EXHAUST 1.960"					
GM	3.1	191	V	GRAND PRIX	89-90	
New Height:	3.5850-3.5950" (91.059-91.313 MM)			Min Height:	3.5750" (90.805 MM)	
Intake Hgt:	1.880-1.910" (47.752-48.514 MM)			Exhaust Hgt:	1.880-1.910" (47.752-48.514 MM)	
Casting Numbers:	Head #:10048651, 10048696, 10087511 Block #: 10065459, 10118618					
Notes:	MFI, FWD TURBO, GRAND PRIX					
Comments:	ALUMINUM HEAD CHANGED-THE ADJ. SCREW-IN STUD.					
GM	3.2	194	L		62-72	
Intake Hgt:	1.9700-2.0000" (50.038-50.8 MM)			Exhaust Hgt:	1.9700-2.0000" (50.038-50.8 MM)	
Casting Numbers:	Head #:3787415, 3788414, 3788415, 3824335, 3824435, 3824437, 3864883, 3864886, 3872704, 3872708, 3874883, 3895056, 3895060, 538177, 543796, 543797, 9773345 Block #: 3782856, 3782858, 3792852, 3792858, 3833057, 3833067, 3879875, 3892858, 539120					
Notes:	CHEVROLET					
Comments:	** ROCKER RATIO 1.75:1					
GM	3.2	195	N	CADILLAC	03-05	LA3
New Height:	5.2756" (134.000 MM)					
Intake Hgt:	1.5433" (39.200 MM)			Exhaust Hgt:	1.5433" (39.200 MM)	
Notes:	CADILLAC CTS					
GM	3.2	196	C		78-79	
New Height:	2.6050" (66.167 MM)			Min Height:	2.5930" (65.862 MM)	
Intake Hgt:	1.9250-1.9550" (48.895-49.657 MM)			Exhaust Hgt:	1.9250-1.9550" (48.895-49.657 MM)	
Casting Numbers:	Head #:1254170, 1257051, 1257125, 1257722, 1261377, 1262098, 25506293 Block #: 1256690, 1261439, 1261785					
Notes:	2BC, BUICK, O.S. OD CAM BRG AVLBL					
GM	3.2	198	198		62-65	
Intake Hgt:	1.8200-1.8500" (46.228-46.99 MM)			Exhaust Hgt:	1.8200-1.8500" (46.228-46.99 MM)	
Casting Numbers:	Head #:1354391, 1364391 Block #: 1349430					
Notes:	BUICK					
GM	3.3	204	N		89-93	
New Height:	.0540-.0660" (1.372-1.676 MM) *			Min Height:	.0440" (1.118 MM) *	
Intake Hgt:	1.9350-1.9750" (49.149-50.165 MM)			Exhaust Hgt:	1.9350-1.9750" (49.149-50.165 MM)	
Casting Numbers:	Head #:0619, 2136, 24500619, 25533485, 25534250, 25539723, 2973, 3485, 4250, 4280, 750, 751, 9723 Block #: 24500107, 24500491, 24500498, 24502090, 25500498, 25532062, 25534816, 25582062					
Notes:	BUICK 3300, SKYLARK, MFI, 90°V-6, ROLLER CAM					
Comments:	* MACHINED PAD-DECK SURFACE					
GM	3.4	204	E	GRAND AM	96-04	LA1
New Height:	3.5850-3.5950" (91.059-91.313 MM) * SEE COMM			Min Height:	3.5750" (90.805 MM)	
Intake Hgt:	1.880-1.910" (47.752-48.514 MM) **			Exhaust Hgt:	1.880-1.910" (47.752-48.514 MM) **	
Casting Numbers:	Head #:101271274, 10218170, 12580234, 24507487					
Notes:	CAM IN BLOCK, TRANSPORT, LUMINA, GRAND AM, ALERO					
Comments:	* INTAKE SIDE HEAD BOLT BOSS 3.3500-3.3600" (85.090-85.344 MM) 2.558" (64.973 MM) AT * EXHAUST SIDE HEAD BOLT BOSS, FROM VALVE COVER RAIL 3.9960" (101.498 MM) ** REPORTED INSTALLED VALVE 1.945-1.965"					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
GM				6 Cylinders (cont.)		
GM	3.4	207	M	ALERO	99-00	LA1
New Height:	NOT SUPPLIED BY OEM			Min Height:	NOT SUPPLIED BY OEM	
Intake Hgt:	1.880-1.910" (47.752-48.514 MM)			Exhaust Hgt:	1.880-1.910" (47.752-48.514 MM)	
Casting Numbers:	Head #:24507487 Block #: 10224227					
Notes:	SFI, GRAND AM, OHV, 60° V6					
Comments:	* INTAKE PUSH ROD 5.680 AND EXHAUST PUSH ROD 6.000					
GM	3.4	207	S	CAMARO	93-95	L32
New Height:	3.425-3.430" * (86.995-87.122 MM)			Exhaust Hgt:	1.950-1.960" * (49.530-49.784 MM)	
Intake Hgt:	1.890-1.900" * (48.006-48.260 MM)					
Casting Numbers:	Head #:10154743, 14054884, 24503769 Block #: 10118605, 10118608, 24504089					
Notes:	MFI, OHV, 60° V6, 12 VALVE CAMARO, L32					
Comments:	* REPORTED 10-24-01 MEMBER # 937 MC					
GM	3.4	207	X	CUTLASS	95-97	LQ1
New Height:	3.4570-3.4600" (87.808-87.884 MM)			Min Height:	3.4470" (87.554 MM)	
Intake Hgt:	1.6340-1.6730" * (41.504-42.494 MM)			Exhaust Hgt:	1.6340-1.6730" * (41.504-42.494 MM)	
Casting Numbers:	Head #:101271274, 24503315 Block #: 24502865					
Notes:	DOHC 60° V6 , 24 VALVE LUMINA, GRANDPRIX, CUTLASS,					
Comments:	* CHECK 1991-95 FOR DIFFERENT INSTALLED HEIGHTS					
GM	3.4	207	X		91-95	LQ1
New Height:	3.4570-3.4600" (87.808-87.884 MM)			Min Height:	3.4470" (87.554 MM)	
Intake Hgt:	1.620-1.650" * (41.148-41.91 MM)			Exhaust Hgt:	1.620-1.650" * (41.148-41.91 MM)	
Casting Numbers:	Head #:101271274, 10127472 Block #: 10118068, 10127450, 24502865					
Notes:	DOHC, 60° V6, MFI, 24 VALVE					
Comments:	* CHECK 1995-97 FOR A DIFFERENT INSTALLED HEIGHT					
GM	3.5	206	OLD		29-38	
New Height:	3.5680" (90.627 MM)			Min Height:	3.5360" (89.814 MM)	
Intake Pro / Rec:	+.006-.023" (.152-.584 MM)			Exhaust Pro / Rec:	+.006-.023" (.152-.584 MM)	
Casting Numbers:	Head #:383773, 836961, 837230, 837853, 837981, 838355, 936718 Block #: 836010, 836573, 836915, 837231, 8375918, 838710					
Notes:	CHEVROLET					
GM	3.5	212	H		98-03	LX5
Intake Hgt:	1.655" **			Min Height:	.400" (10.16 MM) *	
Casting Numbers:	Head #:12562512, 12562513					
Notes:	DOHC 90°, LX5					
Comments:	*MEASURED FROM THE DECK OF THE HEAD DOWN-THE CASTING PAD IN THE COMBUSTION CHAMBER OF THE HEAD. ** MEASURED WITH THE SHIM (VALVE SEAL) IN PLACE.					
GM	3.5	214	8	MALIBU	04-06	LX9
New Height:	8.818" (224.000 MM)					
Notes:	MALIBU, 60r V6					
GM	3.5	216			37-52	
Intake Hgt:	2.0630-2.0930" (52.4-53.162 MM) *			Exhaust Hgt:	2.2510-2.2810" (57.175-57.937 MM)	
Casting Numbers:	Head #:3833517, 3835409, 3835517, 389401, 835409, 838355, 838773, 839401, 839910 Block #: 3835253, 3835353, 3835409, 3835497, 3835517, 3835527, 3835794, 3835849, 3835894, 389770, 3897702, 838101, 838710, 838941, 839132, 839400, 839401, 839770, 839910					
Notes:	CHEVROLET, TRUCK					
Comments:	* HAVE SEEN 2.600-2.620					
GM	3.6	217	7	CADILLAC	04-06	LY7
Intake Hgt:	1.3870-1.4445" (35.230-36.690 MM)			Exhaust Hgt:	1.3870-1.4445" (35.230-36.690 MM)	
Notes:	CADILLAC STS, DOHC					
GM	3.7	224			40-47	
Intake Hgt:	1.9000-1.9300" (48.26-49.022 MM)			Exhaust Hgt:	1.9300-1.9600" (49.022-49.784 MM)	
Casting Numbers:	Block #:6107326					
Notes:	GMC					
Comments:	OILS THRU ROCKER SHAFT					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
GM						
			6 Cylinders		(cont.)	
GM	3.7	225	B		64-67	
Intake Hgt:	1.9300-1.9700" (48.26-49.022 MM) *			Exhaust Hgt:	1.9300-1.9700" (49.022-50.038 MM) *	
Castings Numbers:	Head #: 1358676, 1358766, 1358767, 1364391, 1368767, 1376346, 1378348, 1386767, 992326 Block #: 0, 1358435, 1375162, 1381623, 1396736, 991503					
Notes:	BUICK, MARINE ALSO & JEEP					
Comments:	* LATER ENGINES USE 1.8200-1.8500" (46.228-46.990 MM)					
GM	3.8	229	9		83-84	
Intake Hgt:	2.0000-2.0300" (50.8-51.562 MM)			Exhaust Hgt:	2.0950-2.1250" (53.213-53.975 MM)	
Castings Numbers:	Head #: 14020553, 461347, 471595 Block #: 1254083, 1261785, 1261787, 25505554, 25506397, 25506818, 25514290, 25520043, 25520329, 25524139, 25524140, 2552440, 471594, 568609					
Notes:	2BC, CHEVROLET					
GM	3.8	229	K		80-82	
Intake Hgt:	2.0000-2.0300" (50.8-51.562 MM)			Exhaust Hgt:	2.0950-2.1250" (53.213-53.975 MM)	
Castings Numbers:	Head #: 14020553, 461347, 471595 Block #: 1254083, 1261785, 1261787, 25505554, 25506397, 25506818, 25514290, 25520329, 2552440, 471594, 568609					
Notes:	2BC, CHEVROLET					
GM	3.8	230			65-68	
Intake Hgt:	2.0000-2.0300" (50.8-51.562 MM) *			Exhaust Hgt:	2.0000-2.0300" (50.8-51.562 MM) *	
Castings Numbers:	Head #: 9778692, 9778693, 9782005, 9782229, 9791195					
Notes:	SOHC PONTIAC INLINE SIX, ALSO USED BY JEEP					
Comments:	NOTE: OIL GALLERY RESTRICTOR TUBE THROUGHOUT THE LENGTH OF HEAD * HEAD CASTING #5 IS 2.031-2.050" ** ROCKER RATIO 1.50:1					
GM	3.8	230	L		63-70	
Intake Hgt:	1.9700-2.0000" (50.038-50.8 MM)			Exhaust Hgt:	1.9700-2.0000" (50.038-50.8 MM)	
Castings Numbers:	Head #: 1833450, 3799019, 3823327, 3824437, 3847990, 3862084, 3864886, 3864890, 3872708, 3872710, 3872798, 3885052, 3895052, 3895054, 3927763, 3962084, 471595 Block #: 3738476, 3788406, 3792489, 3850817, 3854036, 3855991, 3877178, 3921967, 3921968, 3955977, 3994256, 3994257, 5743015, 9787437					
Notes:	CHEVROLET					
Comments:	** ROCKER RATIO 1.75:1					
GM	3.8	231	1		92-94	L67
New Height:	.054-.066" (1.372-1.676 MM) *			Min Height:	.044" (1.118 MM) *	
Intake Hgt:	1.9350-1.9750" (49.149-50.165 MM)			Exhaust Hgt:	1.9350-1.9750" (49.149-50.165 MM)	
Castings Numbers:	Head #: 0619, 2136, 24500619, 25534250 Block #: 24500788, 24502134, 24502441, 25532674					
Notes:	MFI, 3800 SUPERCHARGED, L67, ROLLER CAM					
Comments:	* MACHINED PAD-DECK **1995=80# @ 1.750" INT & EXH ***1995=1.690-1.720" INT & EXH					
GM	3.8	231	1		95-05	L67
New Height:	.054-.066" (1.372-1.676 MM) *			Min Height:	.044" (1.118 MM) *	
Intake Hgt:	1.9350-1.9750" (49.149-50.165 MM)			Exhaust Hgt:	1.9350-1.9750" (49.149-50.165 MM)	
Castings Numbers:	Head #: 2136, 8134 Block #: 24502441, 24506029					
Notes:	3800 SUPERCHARGED, W/BALANCE SHAFT L67, ROLLER CAM					
Comments:	*MEASURED FROM MACHINED PAD-DECK **1995/80# @ 1.750" INT & EXH. ***1995/1.690-1.720" INT & EXH. ***** ALL BOLTS 35-37 FT/LBS, +130°, THEN CENTER BOLTS #1, 2, 3, & 4 AN ADDITIONAL 30°.					
GM	3.8	231	2		79	
Intake Hgt:	1.9250-1.9650" (48.895-49.911 MM)			Exhaust Hgt:	1.9250-1.9650" (48.895-49.911 MM)	
Castings Numbers:	Head #: 1254170, 1257051, 1257722 Block #: 1254083, 1255862, 1261438, 1261439, 1261785, 1261787, 25505554, 25506397, 25506818, 25514290, 25520329, 2552440					
Notes:	2BC, BUICK					
GM	3.8	231	3		78-81	
Intake Hgt:	1.9250-1.9550" (48.895-49.657 MM)			Exhaust Hgt:	1.9250-1.9550" (48.895-49.657 MM)	
Castings Numbers:	Head #: 1257661, 25504443, 25505900, 2550628, 25506293, 25510191 Block #: 1254083, 1255862, 1261438, 1261785, 1261787, 25505554, 25506391, 25506397, 25506485, 25506818, 25514290, 25518601, 25520329, 2552440					
Notes:	4BC, TURBO					
GM	3.8	231	3		82	
Intake Hgt:	1.9250-1.9550" (48.895-49.657 MM)			Exhaust Hgt:	1.9250-1.9550" (48.895-49.657 MM)	
Castings Numbers:	Block #: 1254083, 1261785, 1261787, 25505554, 25506397, 25506818, 25514290, 25520329, 2552440					
Notes:	4BC, BUICK					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
GM						
GM	3.8	231	3		84-86	6 Cylinders (cont.)
New Height:	2.6050" (66.167 MM)			Min Height:	2.5930" (65.862 MM)	
Intake Hgt:	1.9350-1.9750" (49.149-50.165 MM)			Exhaust Hgt:	1.9350-1.9750" (49.149-50.165 MM)	
Casting Numbers:	Head #: 25505900, 25506293, 25510191, 2551092, 25518445 Block #: 25512617, 25520043, 25520333, 25524139					
Notes:	MFI, BUICK					
GM	3.8	231	3		85-86	
Intake Hgt:	1.9350-1.9750" (49.149-50.165 MM)			Exhaust Hgt:	1.9350-1.9750" (49.149-50.165 MM)	
Casting Numbers:	Head #: 25505900, 25506293, 25510191, 2551092, 25518445, 25519863, 25523030, 25524248, 25527515 Block #: 1254083, 1261785, 1261787, 25505554, 25506397, 25506818, 25512617, 25514290, 25520043, 25520329, 25520333, 25524139, 25524140, 2552440, 25526109, 25526110, 25526111, 25528801, 25529898					
Notes:	MFI, BUICK, ROLLER CAM					
GM	3.8	231	3		87-88	
New Height:	2.6050" (66.167 MM)			Min Height:	2.5930" (65.862 MM)	
Intake Hgt:	1.9350-1.9750" (49.149-50.165 MM)			Exhaust Hgt:	1.9350-1.9750" (49.149-50.165 MM)	
Casting Numbers:	Head #: 2551092, 25519863, 25523030, 25524248, 25527515, 25533485, 25539723, 3485, 4250, 9723 Block #: 25516109, 25522646, 25524140, 25526109, 25526110, 25528801, 25529898, 25531617					
Notes:	MFI, BUICK, ROLLER CAM, NON BALANCE SHAFT ENGINE					
GM	3.8	231	7	GRAND NATION	86-88	
New Height:	2.6050" (66.167 MM)			Min Height:	2.5930" (65.862 MM)	
Intake Hgt:	1.9350-1.9750" (49.149-50.165 MM)			Exhaust Hgt:	1.9350-1.9750" (49.149-50.165 MM)	
Casting Numbers:	Head #: 25505900, 25506293, 25510191, 2551092, 25518445, 25523030, 25524248, 25527515 Block #: 25516109, 25524139, 25524140, 25526109, 25526110, 25526111, 25528801, 25529898					
Notes:	MPFI, TURBO, GRAND NATIONAL					
GM	3.8	231	9		84-85	
Intake Hgt:	2.0000-2.0300" (50.8-51.562 MM)			Exhaust Hgt:	2.0950-2.1250" (53.213-53.975 MM)	
Casting Numbers:	Head #: 25505900, 25506293, 25510191, 2551092, 25518445 Block #: 1254083, 1261785, 1261787, 25505554, 25506397, 25506818, 25514290, 25518603, 25520040, 25520042, 25520043, 25520231, 25520329, 25524139, 25524140, 2552440, 25526109, 25526109					
Notes:	SFI, TURBO, BUICK					
GM	3.8	231	A		78-81	
New Height:	2.6050" (66.167 MM)			Min Height:	2.5930" (65.862 MM)	
Intake Hgt:	1.9250-1.9550" (48.895-49.657 MM)			Exhaust Hgt:	1.9250-1.9550" (48.895-49.657 MM)	
Casting Numbers:	Head #: 1254170, 1257051, 1257222, 1257661, 1261377, 1262098, 25504443, 25505900, 2550629, 25506293, 25510191, 25518445 Block #: 1254083, 1255862, 1261438, 1261785, 1261787, 25505554, 25506391, 25506397, 25506485, 25506818, 25514290, 25518601, 25520040, 25520329, 2552440					
Notes:	2BC, BUICK					
GM	3.8	231	A		82	
New Height:	2.6050" (66.167 MM)			Min Height:	2.5930" (65.862 MM)	
Intake Hgt:	1.9250-1.9550" (48.895-49.657 MM)			Exhaust Hgt:	1.9250-1.9550" (48.895-49.657 MM)	
Casting Numbers:	Head #: 1261377, 1262098, 25504443, 25505900, 25506293, 25510191, 25518445 Block #: 1254083, 1255862, 1261438, 1261785, 1261787, 25505554, 25506391, 25506397, 25506485, 25506818, 25514290, 25518601, 25520040, 25520329, 2552440					
Notes:	2BC, BUICK					
GM	3.8	231	A		83-87	
New Height:	2.6050" (66.167 MM)			Min Height:	2.593" (65.862 MM)	
Intake Hgt:	1.925-1.955" (48.895-49.657 MM)			Exhaust Hgt:	1.925-1.955" (48.895-49.657 MM)	
Casting Numbers:	Head #: 1261377, 25504443, 25505900, 25506293, 25510191, 25518445 Block #: 1254083, 1255862, 1261438, 1261785, 1261787, 25505554, 25506397, 25506485, 25506818, 25514290, 25518601, 25520040, 25520043, 25520329, 25524139, 25524140, 2552440, 25526109					
Notes:	2BC, BUICK					
GM	3.8	231	B		86-87	
New Height:	.054-.066" (1.372-1.676 MM) *			Min Height:	.044" (1.118 MM) *	
Intake Hgt:	1.9350-1.9750" (49.149-50.165 MM)			Exhaust Hgt:	1.9350-1.9750" (49.149-50.165 MM)	
Casting Numbers:	Head #: 25519863, 25523030, 25524248, 2552448, 25527515 Block #: 25524139, 25526109, 25526110, 25526111, 25528801, 25529898					
Notes:	SEFI, BUICK					
Comments:	* MEASURED FROM DECK-MACHINED PAD					
GM	3.8	231	C		75-77	
Intake Hgt:	1.9350-1.9750" (49.149-50.165 MM)			Exhaust Hgt:	1.9350-1.9750" (49.149-50.165 MM)	
Casting Numbers:	Head #: 1249175, 1254170, 1257051, 1257222, 1257661, 1257722 Block #: 1254083, 1255862, 1261438, 1261439					
Notes:	2BC, BUICK, ODDFIRE					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
GM					6 Cylinders	(cont.)
GM	3.8	231	C		88	
New Height:	.055-.064" (1.397-1.626 MM) *			Min Height:	.044" (1.118 MM) *	
Intake Hgt:	1.9350-1.9750" (49.149-50.165 MM)			Exhaust Hgt:	1.9350-1.9750" (49.149-50.165 MM)	
Casting Numbers:	Head #:25524248, 25533485, 25534250, 25539723, 3485, 4250, 751, 9723 Block #: 25516109, 25522646, 25526109, 25526111, 25528801, 25529898, 25531617					
Notes:	MFI, BUICK 3800, ROLLER CAM					
Comments:	*MEASURED FROM MACHINED PAD-DECK					
GM	3.8	231	C		88-91	
New Height:	.055-.064" (1.397-1.626 MM) *			Min Height:	.044" (1.118 MM) *	
Intake Hgt:	1.9350-1.9750" (49.149-50.165 MM)			Exhaust Hgt:	1.9350-1.9750" (49.149-50.165 MM)	
Casting Numbers:	Head #:0619, 24500619, 25533485, 25534250, 25539723, 3485, 4250, 4256, 751, 9723 Block #: 25522646, 25531617, 25532674, 35532646, 6109					
Notes:	MFI, BUICK 3800, ROLLER CAM					
GM	3.8	231	K		95-04	L36
New Height:	.054-.066" (1.372-1.676 MM) PAD TO DECK			Min Height:	.044" (1.118 MM) PAD TO DECK	
Intake Hgt:	1.9350-1.9750" (49.149-50.165 MM)			Exhaust Hgt:	1.9350-1.9750" (49.149-50.165 MM)	
Casting Numbers:	Head #:182391402, 2136, 2261, 4781, 8134 Block #: 24502287, 24506029					
Notes:	MFI, 3800 L36, SERIES II					
Comments:	*1995=80 @ 1.750" INT & EXH. **1995=1.690-1.720" INT & EXH. ***1997=75.675CC. **** ALL BOLTS 35-37 FT/LBS, +130°, THEN CENTER BOLTS #1, 2, 3 & 4 +30° ADDITIONAL.					
GM	3.8	231	L		91-94	L27
New Height:	.0540-.0660" (1.372-1.676 MM) *			Min Height:	.0440" (1.118 MM) *	
Intake Hgt:	1.9350-1.9750" (49.149-50.165 MM)			Exhaust Hgt:	1.9350-1.9750" (49.149-50.165 MM)	
Casting Numbers:	Head #:0619, 2136, 24500619, 3485, 4250, 9723 Block #: 24500788, 24502134, 24502441, 25532674					
Notes:	MFI, BUICK 3800, ROLLER CAM					
Comments:	* MEASURED FROM MACHINED PAD-DECK - SEE TB643					
GM	3.8	231	L		95-01	L67
Intake Hgt:	1.9350-1.9750" (49.149-50.165 MM)			Exhaust Hgt:	1.9350-1.9750" (49.149-50.165 MM)	
Casting Numbers:	Head #:2136, 4781, 8134 Block #: 24502287, 24502441					
Notes:	MFI/3800/L67 SERIES II ENGINE					
GM	3.9	235			49-62	
Intake Hgt:	2.1570-2.1870" (54.788-55.55 MM) *			Exhaust Hgt:	2.1570-2.1870" (54.788-55.55 MM) *	
Casting Numbers:	Head #:2136477, 3701886, 3701887, 3701889, 3835499, 3835909, 3835913, 3836848, 3836850, 3864848, 839751, A21 Block #: 3629703, 3692703, 3692708, 3692713, 3693374, 3697313, 37001481, 3701481, 3701483, 3701946, 3733946, 3733949, 3738307, 3738476, 3739716, 3764476, 3769716, 3773949, 378307, 3783949, 3835309, 3835335, 3835363, 3835374, 3835409, 3835491, 3835499, 3835692, 3835846, 3835909, 3835911, 3835917, 3835946, 3835949, 3836223, 3836233, 3836386, 3837004, 3838004, 3843363, 3856233, 3859917, 3892651, 5485363, 5485363, 837751, 838751, 839751, 8397715, 839931					
Notes:	CHEVROLET					
Comments:	* OLDER ENGINES 2.0950-2.1250, INTAKE 2.600-2.660" ZERO LASH, *** ROCKER RATIO 1.50:1				** SOME ENGINES HAVE	
GM	4.1	250	D		78-80	
Intake Hgt:	1.980-1.990" (50.292-50.546 MM)			Exhaust Hgt:	1.980-1.990" (50.292-50.546 MM)	
Casting Numbers:	Head #:14002012, 14015499, 3364, 355795, 370696, 377131, 377133 Block #: 328575, 348675, 366855, 377127, 473483, 93403466					
Notes:	2BC, CHEVROLET					
GM	4.1	250	D		81-85	
Intake Hgt:	1.9700-2.0000" (50.038-50.8 MM)			Exhaust Hgt:	1.9700-2.0000" (50.038-50.8 MM)	
Casting Numbers:	Head #:14002012, 14015499, 3363, 3364, 355795, 370696, 377131, 377133 Block #: 328575, 348675, 366855, 377127, 473483, 93403466					
Notes:	2BC, CHEVROLET, INTEGRAL HEAD					
Comments:	** ROCKER RATIO 1.75:1					
GM	4.1	250	OHC	FIREBIRD	66-69	
Intake Hgt:	2.000-2.025" (50.8-51.435 MM)			Exhaust Hgt:	2.000-2.0250" (50.8-51.435 MM)	
Casting Numbers:	Head #:9791194, 9791195, 9795456, 9795457					
Notes:	OHC, PONTIAC, FIREBIRD, TEMPEST					
Comments:	NOTE: OIL GALLERY RESTRICTOR TUBE THROUGHOUT THE LENGTH OF THE HEAD					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
GM				6 Cylinders (cont.)		
GM	4.1	250	Q		66-75	
Intake Hgt:	1.9700-2.0000" (50.038-50.8 MM)			Exhaust Hgt:	1.9700-2.0000" (50.038-50.8 MM)	
Casting Numbers:	Head #: 331184, 3895052, 3895054, 3927763, 3962084, 39622084 Block #: 2775308, 328572, 328575, 328576, 348576, 348675, 358825, 366855, 37127, 377127, 3777178, 3850817, 3854036, 386855, 3877178, 3890011, 3890013, 3921968, 3955977, 473483, 828575, 93403466, 93406003, 9790043, 9795066, 9890043					
Notes:	1BC, CHEVROLET					
GM	4.1	252	4		80-81	
Intake Hgt:	1.9250-1.9550" (48.895-49.657 MM)			Exhaust Hgt:	1.9250-1.9550" (48.895-49.657 MM)	
Casting Numbers:	Head #: 25504443, 25505900, 25506293, 25510191 Block #: 25505553, 25506484, 25514291, 25520044					
Notes:	4BC, BUICK					
GM	4.1	252	4		82-84	
New Height:	2.6050" (66.167 MM)			Min Height:	2.5930" (65.862 MM) *	
Intake Hgt:	1.9250-1.9550" (48.895-49.657 MM)			Exhaust Hgt:	1.9250-1.9550" (48.895-49.657 MM)	
Casting Numbers:	Head #: 25505900, 25506293, 25510191, 25518445 Block #: 25505553, 25506484, 25514291, 25520044					
Notes:	4BC, BUICK					
Comments:	* MEASURED AT CENTER HEAD BOLT HOLE					
GM	4.1	256			54-56	
New Height:	2.6050" (66.167 MM)			Min Height:	2.5930" (65.862 MM)	
Casting Numbers:	Head #: 2136477, 2194819, 6107412 Block #: 6107328					
Notes:	GMC TRUCK					
GM	4.2	256	S	TRAILBLAZER	02-05	LL8
New Height:	THKNS VARIED FROM CORNER TO CORNER			Min Height:	NOT SUPPLIED BY OEM	
Intake Hgt:	1.597-1.607" (40.564-40.818 MM) **			Exhaust Hgt:	1.597-1.607" (40.564-40.818 MM) **	
Casting Numbers:	Head #: 389BEI, 8424S Block #: 12563712GH					
Notes:	DOHC, SFI, ENVOY, TRAILBLAZER					
Comments:	* THERE ARE 14 MEDIUM SIZE BOLTS, 2 SHORT BOLTS, AND 1 LONG BOLT. ** ON A 2005 HEAD CASTING NUMBER # 8424S INSTALLED VALVE HEIGHTS ARE 1.6970-1.7070" WITH CORRECT LENGTH VALVES REPORTED MEMBER # 2009 02-17-2006 MC					
GM	4.2	261			54-62	
Intake Hgt:	2.1570-2.1870" (54.788-55.55 MM) *			Exhaust Hgt:	2.1570-2.1870" (54.788-55.55 MM) *	
Casting Numbers:	Head #: 3703570, 3708570, 3835499, 3835913, 3836850 Block #: 3702436, 3703414, 3733340, 3733414, 3733950, 3737012, 3739365, 3769717, 3769925, 3788813, 3833340, 3833813, 3836012, 3836340, 3837012, 3838813					
Notes:	CHEVROLET					
Comments:	*2 DIFF STEM HGTS: 2.063-2.093 CAST#3835913 **ROCKER RATIO 1.75:1					
GM	4.3	260	T		82-85	
New Height:	3.8610" (98.069 MM)			Min Height:	3.8510" (97.815 MM)	
Intake Hgt:	2.016-2.046" (51.206-51.968 MM)			Exhaust Hgt:	2.016-2.046" (51.206-51.968 MM)	
Casting Numbers:	Head #: 2228, 22519898, 22520039, 22521754, 22523201, 22527579 Block #: 22515671					
Notes:	DIESEL, FWD OLDSMOBILE					
Comments:	*EXTERNAL EGR IS 1.75" ARE .032-.077"		**INTERNAL EGR IS 1.5"		***ALUMINUM HEADS	
GM	4.3	260	V		82-85	
New Height:	3.8610" (98.069 MM)			Min Height:	3.846" (97.688 MM)	
Intake Hgt:	2.016-2.046" (51.206-51.968 MM)			Exhaust Hgt:	2.016-2.046" (51.206-51.968 MM)	
Casting Numbers:	Head #: 2228, 22512007, 225123201, 22519898, 22520039, 22521754, 22527579 Block #: 22515671					
Notes:	DIESEL, RWD OLDSMOBILE					
Comments:	*EXTERNAL EGR IS 1.75" ARE .032-.077"		**INTERNAL EGR IS 1.5"		***ALUMINUM HEADS	
GM	4.3	262	B		90-91	LU4
Intake Hgt:	1.9850-2.0150" (50.419-51.181 MM)			Exhaust Hgt:	2.1050-2.1350" (53.467-54.229 MM)	
Casting Numbers:	Head #: 10144103, 14079245, 14079248, 14079268, 14093683, 14094768, 14131996 Block #: 064, 10066011, 10066061, 10105867, 14071177, 14088553, 14093683, 14099073					
Notes:	TBI, CHEVROLET, ROLLER CAM					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
GM						
			6 Cylinders (cont.)			
GM	4.3	262	N		85-86	
Intake Hgt:	1.9850-2.0150" (50.419-51.181 MM)			Exhaust Hgt:	2.1050-2.1350" (53.467-54.229 MM)	
Casting Numbers:	Head #:14079245, 14079248, 14079268, 14094768 Block #: 14071177, 14088553					
Notes:	4BC, CHEVROLET					
GM	4.3	262	R		92-95	
Intake Hgt:	1.8900-1.9200" * (48.006-48.768 MM)			Exhaust Hgt:	1.9900-2.0200" * (50.546-51.308 MM)	
Casting Numbers:	Head #:10144103, 10238181, 10240209, 14099064, 14099070 Block #: 10105903, 10224565					
Notes:	TBI, HO, BALANCE SHAFT RWD, CHEVROLET					
Comments:	* HEAD CAST #S 10238181, 14099064,14099070 MEASURE 2.047" ON INTAKE AND 2.147" ON EXHAUST 2.000-2.010" 2.110-2.130" ALSO A REPORTED INTAKE AND EXHAUST HEIGHT OF 2.000 ON CASTING #10238181					
GM	4.3	262	W		92-04	L35
New Height:	3.0650" (77.851 MM)					
Intake Hgt:	1.8900-1.9200" * (48.006-48.768 MM)			Exhaust Hgt:	1.9900-2.0200" * (50.546-51.308 MM)	
Casting Numbers:	Head #:10077626, 10144103, 10208890, 10235769, 10235772, 10238181, 10240209, 12512256, 12529742, 12553050, 12557113, 14099064 Block #: 10024535, 10066061, 10105903, 10168588, 10172756, 10224535, 10224565, 10224834, 10227196, 10229534, 10235359, 14099073, 14099090					
Notes:	TBI,HO,BALANCE SHAFT,RWD,ROLLER CAM, CPI					
Comments:	** 1996-2000 22 FT/LBS, + SHORT BOLTS 55°, MED. BLT + 65°, LONG BLT 75° * SPRING PAD HEIGHTS VARY!!!! 1.990-2.020" FOR INTAKE ON SOME HEADS ARE MACHINED THE SAME DEPTH FOR INTAKE AND EXHAUST					
GM	4.3	262	X		96-00	
New Height:	3.0650" (77.851 MM)					
Intake Hgt:	1.8900-1.9200" (48.006-48.768 MM) *			Exhaust Hgt:	1.9900-2.0200" (50.546-51.308 MM)	
Casting Numbers:	Head #:10235770, 10235772, 10265770, 12533134, 12556140, 12557113 Block #: 10227196, 14099090					
Notes:	SFI, HO, BALANCE SHAFT, RWD, ROLLER CAM					
Comments:	* HEAD CASTING NUMBER 10235772 SAME AS EXHAUST, ALSO HEAD CASTING #12556140, 12553050 & 12557113 USED ON FORKLIFTS HAS INTAKE INSTALLED HEIGHT OF 1.990-2.020" USES NO ROTATERS AND NO VALVE SPRINGS DAMPNER. 1.700" INSTALLED VALVE SPRING HEIGHT 85#					
GM	4.3	262	Z		85-86	
New Height:	3.0650" (77.851 MM)					
Intake Hgt:	1.9850-2.0150" (50.419-51.181 MM)			Exhaust Hgt:	2.1050-2.1350" (53.467-54.229 MM)	
Casting Numbers:	Head #:14079248 Block #: 14071177					
Notes:	TBI, 90° V6, CHEVROLET, ROLLER CAM					
GM	4.3	262	Z		86-97	LB4
New Height:	3.0650" (77.851 MM)					
Intake Hgt:	1.9850-2.0150" (50.419-51.181 MM)			Exhaust Hgt:	2.1050-2.1350" (53.467-54.229 MM)	
Casting Numbers:	Head #:10077626, 10144103, 10144115, 10238181, 10240209, 12557113, 12558114, 14079245, 14079248, 14079268, 14079269, 14084768, 14093683, 14094066, 14094768, 14099064, 14099067, 14099070, 14131996 Block #: 10024535, 100660011, 10066011, 10066061, 10105867, 10172756, 10224534, 10224535, 10224834, 10227196, 14071177, 14088553, 14093683, 14099073					
Notes:	TBI, 90° V6 ,CHEVROLET, ROLLER CAM, W- W OUT TURBO					
GM	4.8	292	T		63-73	
Intake Hgt:	1.9700-2.0000" (50.038-50.8 MM)			Exhaust Hgt:	1.9700-2.0000" (50.038-50.8 MM)	
Casting Numbers:	Head #:1826000, 1833450, 2773948, 329609, 331182, 331184, 361184, 370896, 3799019, 3824437, 3847990, 3862084, 3864886, 3864890, 3872708, 3872710, 3885052, 3895034, 3895052, 3895054, 391184, 3927763, 3962056, 3962084, 3962086, 39622084, 86411148, 8847880, 93400104, 98413990 Block #: 14002009, 1400209, 1970, 289890, 328578, 328880, 329990, 352194, 377129, 3772129, 3788378, 3789404, 3789412, 3789716, 3821970, 3851656, 3851659, 3851859, 3855914, 3855987, 3886061, 3921770, 3921970, 3955977, 3994258, 8994256, 93403467, 93406004					
Notes:	1BC, CHEVROLET TRUCK					
Comments:	** ROCKER RATIO 1.75:1					
GM	4.8	292	T		74-77	
Intake Hgt:	1.9700-2.0000" (50.038-50.8 MM)			Exhaust Hgt:	1.9700-2.0000" (50.038-50.8 MM)	
Casting Numbers:	Head #:1826000, 2773948, 329609, 331182, 331184, 361184, 370896, 3824437, 3847990, 3895052, 391184, 3927763, 3962084, 3962086, 39622084, 8847880, 93400104 Block #: 14002009, 1400209, 328518, 328578, 352194, 377129, 3772129, 93403467, 93406004					
Notes:	1BC, CHEVROLET					
Comments:	** ROCKER RATIO 1.75:1					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
GM						6 Cylinders (cont.)
GM	4.8	292	T		78-90	
Intake Hgt:	1.9700-2.0000" (50.038-50.8 MM)			Exhaust Hgt:	1.9700-2.0000" (50.038-50.8 MM)	
Castings Numbers:	Head #:1826000, 2773948, 31184, 329609, 331182, 331184, 361184, 370896, 3824437, 3847990, 3895052, 391184, 3927763, 3962084, 3962086, 39622084, 8341149, 83413990, 86411148, 8847880, 93400104, 93411149, 93413990, 98413990 Block #: 14001133, 14002009, 1400209, 328578, 352194, 364909, 377129, 3772129, 93403467, 93406004					
Notes:	1BC, CHEVROLET					
GM	5.0	305	A		60-75	
Intake Hgt:	2.5160-2.5460" (63.906-64.668 MM)			Exhaust Hgt:	2.5160-2.5460" (63.906-64.668 MM)	
Castings Numbers:	Head #:2336645, 2367198, 2367298, 2367299, 2436645, 2475795, 2487297 Block #: 2367238, 2367298, 2367417, 2457325, 2476565, 2476575					
Notes:	GMC TRUCK, ** V6 ** HEAVY DUTY GAS					
GM	5.8	351	C		65-72	
Intake Hgt:	2.532-2.562" (64.313-65.075 MM)			Exhaust Hgt:	2.485-2.515" (63.119-63.881 MM)	
Castings Numbers:	Head #:2366811, 2421158, 243664, 2436646, 2436647, 6250856, 696032 Block #: 2378091, 246576, 2476578, 2547328, 2576578					
Notes:	GMC					
Comments:	V-6 GMC TRUCK					
GM	6.2	379			73-76	
New Height:	3.8530-3.8630" (97.866-98.12 MM)					
Intake Hgt:	2.1570-2.1870" (54.788-55.55 MM)			Exhaust Hgt:	2.2300-2.2600" (56.642-57.404 MM)	
Castings Numbers:	Head #:696046 Block #: 695319, 697451					
Notes:	GAS, GMC TRUCK, CHEVROLET BUILT					
Comments:	CHEVROLET BUILT ENGINE					
GM	7.1	432	V6		70-73	
Intake Hgt:	2.5790-2.6090" (65.507-66.269 MM)			Exhaust Hgt:	2.5320-2.5620" (64.313-65.075 MM)	
Castings Numbers:	Head #:032, 695318, 696031, 696032 Block #: 395318, 695318, 697662					
Notes:	H/D GAS					
GM	7.8	478			65-77	
New Height:	4.8950" (124.333 MM)					
Intake Pro / Rec:	.050" MAX V/PRO (1.27 MM)			Exhaust Pro / Rec:	.045" MAX V/PRO (1.143 MM)	
Castings Numbers:	Head #:032, 158, 1602493, 2366811, 2421158, 2436646, 2436647, 2436656, 2453482, 696032 Block #: 2457330, 2476580, 701825					
Notes:	V-6 GMC DIESEL					
GM						8 Cylinders
GM	3.5	215			61-63	
Intake Hgt:	1.845-1.860" (46.863-47.244 MM)			Exhaust Hgt:	1.845-1.860" (46.863-47.244 MM)	
Castings Numbers:	Head #:746, 819 Block #: 1347044					
Notes:	OLDSMOBILE, ALUM HEADS & BLOCK					
GM	3.5	215			61-63	
Intake Hgt:	1.7500" (44.45 MM) *			Exhaust Hgt:	1.7500" (44.45 MM) *	
Castings Numbers:	Head #:1193741, 1358219, 577746, 581829, 588534, 741 Block #: 1193724, 63724					
Notes:	BUICK					
Comments:	ALUMINUM HEAD * 1.9250-1.955" MEASURED FROM ROCKER COVER-TIP					
GM	4.0	244	C	AURORA	95-01	L47
Intake Hgt:	1.3898-1.4535" (35.301-36.919 MM)			Min Height:	.4134" MIN (10.5 MM) *	
Notes:	DOHC, AURORA					
Comments:	*MEASURED FROM PAD NEXT-SPARK PLUG HOLE-DECK					
GM	4.1	252	7		87-88	
Intake Hgt:	1.8300-1.8700" (46.482-47.498 MM)			Exhaust Hgt:	1.8300-1.8700" (46.482-47.498 MM)	
Castings Numbers:	Head #:1626191, 1628556, 1628558 Block #: 1625964, 1632925					
Notes:	MFI, HT-4100 CADILLAC					
Comments:	VALVE GUIDE OUTSIDE DIAMETER .5000"					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
GM						8 Cylinders (cont.)
GM	4.1	252	8	ELDORADO	87	
Intake Hgt:	1.8300-1.8700" (46.482-47.498 MM)			Exhaust Hgt:	1.8300-1.8700" (46.482-47.498 MM)	
Castings Numbers:	Head #:1626191, 1628556, 1628558 Block #: 1625964, 1632925					
Notes:	TBI, HT-4100 CADILLAC, ELDORADO					
Comments:	VALVE GUIDE OUTSIDE DIAMETER .5000"					
GM	4.1	252	8		82-86	
Intake Hgt:	1.9370-1.9760" (49.2-50.19 MM)			Exhaust Hgt:	1.8300-1.8700" (46.482-47.498 MM)	
Castings Numbers:	Head #:1618910, 1626191, 1626694, 1628556, 1628558, 1632693 Block #: 1618864, 1625964					
Notes:	DEFI, HT-4100 CADILLAC					
Comments:	VALVE GUIDE OUTSIDE DIAMETER .5000"					
GM	4.3	260	8		75-76	
New Height:	3.8610" (98.069 MM)					
Intake Hgt:	2.0160-2.0460" (51.206-51.968 MM)			Exhaust Hgt:	2.0160-2.0460" (51.206-51.968 MM)	
Castings Numbers:	Head #:22521754, 231882, 550362 Block #: 550355, 554965					
Notes:	2BC, OLDSMOBILE					
GM	4.3	260	8		77-82	
New Height:	3.8610" (98.069 MM)					
Intake Hgt:	2.0160-2.0460" (51.206-51.968 MM)			Exhaust Hgt:	2.0160-2.0460" (51.206-51.968 MM)	
Castings Numbers:	Head #:418882, 550362, 554715, 556280, 560867, 563406 Block #: 554965, 554965-2A, 557751, 557751-2B, 557791, 557795					
Notes:	2BC, OLDSMOBILE					
GM	4.3	260	F		75-76	
New Height:	3.8610" (98.069 MM)					
Intake Hgt:	2.0160-2.0460" (51.206-51.968 MM)			Exhaust Hgt:	2.0160-2.0460" (51.206-51.968 MM)	
Castings Numbers:	Head #:231882, 550362 Block #: 550355, 554965					
Notes:	2BC, OLDSMOBILE					
GM	4.3	260	F		77-81	
New Height:	3.8610" (98.069 MM)					
Intake Hgt:	2.0160-2.0460" (51.206-51.968 MM)			Exhaust Hgt:	2.0160-2.0460" (51.206-51.968 MM)	
Castings Numbers:	Head #:550362, 554715, 556280, 560867, 563406 Block #: 554965, 554965-2B, 557751, 557751-2B, 557791, 557795					
Notes:	2BC, OLDSMOBILE					
GM	4.3	262	G		75-76	
Intake Hgt:	1.4750-1.5050" (37.465-38.227 MM)			Exhaust Hgt:	1.5850-1.6250" (40.259-41.275 MM)	
Castings Numbers:	Head #:354434, 367450, 376450, 378450, 454434 Block #: 355909, 360851					
Notes:	2BC, CHEVROLET MONZA					
GM	4.3	262	P		79-80	
New Height:	3.8610" (98.069 MM)					
Intake Hgt:	2.016-2.046" (51.206-51.968 MM)			Exhaust Hgt:	2.016-2.046" (51.206-51.968 MM)	
Castings Numbers:	Head #:543406					
Notes:	DIESEL, OLDSMOBILE					
GM	4.3	264	B		53-56	
Intake Hgt:	1.5250-1.5550" (38.735-39.497 MM) *			Exhaust Hgt:	1.5250-1.5550" (38.735-39.497 MM) *	
Castings Numbers:	Head #:1165549, 1166349, 1168930, 1169349 Block #: 1169334					
Notes:	BUICK 40 SERIES, 263.3 CUBIC INCH					
Comments:	* MEASURED FROM THE VALVE COVER RAIL-V/STEM TIP					
GM	4.3	265	(1)		55-57	
Intake Hgt:	1.9700-2.0000" (50.038-50.8 MM)			Exhaust Hgt:	1.9700-2.0000" (50.038-50.8 MM)	
Castings Numbers:	Head #:065, 3703523, 3705306, 3713358, 3713569, 3725306, 3731539, 3731554, 3767460, 3773012, 3836839, 3837064, 3837065, 3873064 Block #: 3703524, 3708524, 3720991, 3731548					
Notes:	CHEVROLET					
GM	4.3	265	S		80-81	
Intake Hgt:	1.906-1.936" (48.412-49.174 MM)			Exhaust Hgt:	1.906-1.936" (48.412-49.174 MM)	
Castings Numbers:	Head #:10007203, 65 Block #: 10009073, 10018075					
Notes:	2BC, PONTIAC					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
GM 8 Cylinders (cont.)						
GM	4.3	265	W	CAPRICE	94-96	L99
Intake Hgt:	2.0500-2.0800" (52.07-52.832 MM) *			Exhaust Hgt:	2.0630-2.0930" (52.4-53.162 MM) *	
Castings Numbers:	Head #:10208890, 10235770, 12512256, 12529742, 12533134, 12554291					
Notes:	SEFI, CHEVROLET CAPRICE, ROLLER CAM					
Comments:	*HAVE SEEN 1.985 FOR THE INTAKE AND 2.020 ON THE EXHAUST.					
GM	4.4	267	J		79-82	
Intake Hgt:	2.0000-2.0300" (50.8-51.562 MM)			Exhaust Hgt:	2.0630-2.0930" (52.4-53.162 MM)	
Castings Numbers:	Head #:14014415, 14022601, 471513, 477513, 517513, 819 Block #: 14010205, 14010280, 1401281, 14016375, 14016376, 14040205, 2135412, 2404929, 471511					
Notes:	2BC, CHEVROLET					
Comments:	5/8" TEMP. SENDING HOLE					
GM	4.5	272	3		90	
Intake Hgt:	1.8300-1.8700" (46.482-47.498 MM)			Exhaust Hgt:	1.8300-1.8700" (46.482-47.498 MM)	
Castings Numbers:	Head #:1645820, 3521036 Block #: 1632925					
Notes:	MFI, CADILLAC, ROLLER CAMSHAFT					
Comments:	LUBE ALL BOLTS WITH CAM AND LIFTER LUBE PRIOR-INSTALLATION			*MEASURED FROM SPRING SEAT-VALVE STEM TIP		
GM	4.5	272	5		88	
Intake Hgt:	1.9370-1.9760" (49.2-50.19 MM)			Exhaust Hgt:	1.8300-1.8700" (46.482-47.498 MM)	
Castings Numbers:	Head #:1626918, 1632693, 1644614 Block #: 1632925					
Notes:	2TBI, CADILLAC, ROLLER CAMSHAFT					
Comments:	* LUBE ALL BOLTS WITH CAM AND LIFTER LUBE PRIOR TOINSTALLATION					
GM	4.5	272	8		88-89	
Intake Hgt:	1.9370-1.9760" (49.2-50.19 MM)			Exhaust Hgt:	1.8300-1.8700" (46.482-47.498 MM)	
Castings Numbers:	Head #:1626918, 1629091, 1632693, 1645820, 645/20 Block #: 1632925, 1648452					
Notes:	MFI, FWD, CADILLAC, ROLLER CAMSHAFT					
Comments:	* LUBE ALL BOLTS WITH CAM AND LIFTER LUBE PRIOR TO INSTALLATION					
GM	4.6	279	9	NORTHSTAR	93-03	L37
Intake Hgt:	1.4250-1.4900" (36.195-37.846 MM) ***			Min Height:	.4134" (10.5 MM) *	
Exhaust Hgt:	1.3780-1.4320" (35.001-36.373 MM) ***					
Castings Numbers:	Head #:12554607, 1647489, 3533990 Block #: 12561471, 12571852					
Notes:	DOHC, CADILLAC NORTHSTAR L37					
Comments:	ALUMINUM HEADS * MEASURED FROM DECK SURFACE-GAUGE PAD IN COMBUSTION CHAMBER **VALVE HEAD DIAMETERS CHANGE IN 2000 FOR BOTH VALVES, SEE NOTES. *** REPORTED INSTALLED 1.6900-1.7000" MEMBER # 39751					
GM	4.6	279	Y	NORTHSTAR	93-03	LD8
New Height:	NOT SUPPLIED BY OEM			Min Height:	.4134" (10.5 MM) *	
Intake Hgt:	1.4350-1.4900" (36.449-37.846 MM) ***			Exhaust Hgt:	1.3780-1.4320" (35.001-36.373 MM) ***	
Castings Numbers:	Head #:12555402, 12555403 Block #: 12557805, 12571852					
Notes:	DOHC, CADILLAC NORTHSTAR LD8					
Comments:	* MEASURED FROM DECK SURFACE-GAUGE PAD IN COMBUSTION CHAMBER **SOME MEASURE 1.140" FOR EXHAUST *** REPORTED INSTALLED 1.6900-1.7000" MEMBER # 39751					
GM	4.6	283			56-67	
Intake Hgt:	1.970-2.000" (50.038-50.8 MM)			Exhaust Hgt:	1.970-2.000" (50.038-50.8 MM)	
Castings Numbers:	Head #:3731539, 3731550, 3731554, 3731556, 3740997, 3743056, 3748720, 3748770, 3748772, 3755537, 3755539, 3755549, 3755550, 3760116, 3767460, 3767465, 3767754, 3767792, 3774682, 3774684, 3774692, 3795896, 3796896, 379847, 3814480, 3814482, 3817680, 3817682, 3836842, 3836924, 3836942, 3837063, 3837064, 3837775, 3848720, 3854520, 3876775, 3884520, 3911032, 3912264, 3912265, 3917290, 3917291, 3927185, 3967802 Block #: 3556519, 3731548, 3736935, 3737739, 3737789, 3756519, 3756935, 3788935, 3789187, 3789817, 3789935, 3790721, 3794226, 3832338, 3834810, 3834812, 3837739, 3849852, 3849859, 3849935, 3862184, 3862194, 3864812, 3896944, 3896948, 3903352, 3932338, 393288, 3949852, 3955977, 3959532, 810, 840					
Notes:	CHEVROLET					
GM	4.7	287		CHIEFTAN	55-55	
Intake Hgt:	1.685" (42.799 MM)			Exhaust Hgt:	1.685" (42.799 MM)	
Castings Numbers:	Head #:518024 Block #: 158037					
Notes:	GMC/PONTIAC CHIEFTAN					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
GM						
GM	4.8	293	V		8 Cylinders	(cont.)
					99-02	LR4
New Height:	4.7500" (120.650 MM)			Min Height:	4.7320" (120.193 MM)	
Intake Hgt:	2.000-2.010"			Exhaust Hgt:	2.000-2.010"	
 Casting Numbers:	Head #:12559852, 12561706, 862					
	Block #: 12551358, 12567392					
Notes:	C & K TRUCKS,					
Comments:	** TIGHTEN NEW M11 BOLTS (1-10) IN SEQUENCE TO 22 FT/LBS, 2ND STEP 90°, 3RD STEP BOLTS (1-8) TIGHTEN 90°, AND BOLTS (9+10) TIGHTEN 50°, 4TH STEP APPLY .200" (5MM) BEAD OF LOCKING COMPOUND TO NEW 8MM BOLTS (11-15) 22 FT/LBS ONLY.					
GM	4.9	300	B		91-95	L26
New Height:	* SEE COMMENTS					
Intake Hgt:	1.9370-1.9760" (49.2-50.19 MM)			Exhaust Hgt:	1.8301-1.8701" (46.485-47.501 MM)	
 Casting Numbers:	Head #:1645820, 1645820					
	Block #: 1648452					
Notes:	MFI, HT-4900, CADILLAC L26					
Comments:	* HEIGHT @ INT SIDE HD BLTS 2.195" HEIGHT @ EXH SIDE HD BOLT 1.295"					
GM	4.9	300	BUICK		64-67	
Intake Hgt:	1.9250-1.955"			Exhaust Hgt:	1.9250-1.955"	
 Casting Numbers:	Head #:2671					
Notes:	BUICK					
GM	4.9	301	P		77-81	
Intake Hgt:	1.9060-1.9360" (48.412-49.174 MM)			Exhaust Hgt:	1.9060-1.9360" (48.412-49.174 MM)	
 Casting Numbers:	Head #:01, 10014006, 10017504, 1004187					
	Block #: 10000708, 10009192, 10016607, 525934					
Notes:	PONTIAC					
GM	4.9	301	T		77-81	
Intake Hgt:	1.9060-1.9360" (48.412-49.174 MM)			Exhaust Hgt:	1.9060-1.9360" (48.412-49.174 MM)	
 Casting Numbers:	Head #:01, 10014006, 10017504, 1004187, 46					
	Block #: 10000708, 10009192, 10013690, 10016607, 525934					
Notes:	4BC, TURBO, PONTIAC					
GM	4.9	301	W		79-81	
Intake Hgt:	1.9060-1.9360" (48.412-49.174 MM)			Exhaust Hgt:	1.9060-1.9360" (48.412-49.174 MM)	
 Casting Numbers:	Head #:01, 10014006, 10017504, 1004187, 46					
	Block #: 10000708, 10009192, 10016607, 525934					
Notes:	4BC, PONTIAC					
GM	4.9	301	Y		77-79	
Intake Hgt:	1.8750-1.9150" (47.625-48.641 MM)			Exhaust Hgt:	1.8750-1.9150" (47.625-48.641 MM)	
 Casting Numbers:	Head #:01, 10014006, 10017504, 1004187, 46					
	Block #: 10000708, 10009192, 10016607, 525934					
Notes:	2BC, PONTIAC					
GM	5.0	302	302	Z-28	67-69	
Intake Hgt:	1.9700-2.0000" (50.038-50.8 MM)			Exhaust Hgt:	1.9700-2.0000" (50.038-50.8 MM)	
 Casting Numbers:	Head #:3782461, 3890462, 3912291, 3917264, 3917292, 3928455, 3931639, 3951598, 3991492					
	Block #: 2324004, 3794460, 3858174, 389257, 3914678, 3932386					
Notes:	CHEVROLET, Z-28 ENGINE 290 HP					
GM	5.0	305	7		82	
Intake Hgt:	2.0500-2.0800" (52.07-52.832 MM)			Exhaust Hgt:	2.0630-2.0930" (52.4-53.162 MM)	
 Casting Numbers:	Head #:14014416, 14020555, 14022301, 14022601, 14022801, 354434, 376450					
	Block #: 14010201, 14010202, 14010203, 14010231, 14016381					
Notes:	TBI, CHEVROLET					
GM	5.0	305	E	CAMARO	88-92	LO3
Intake Hgt:	2.0500-2.0800" (52.070-52.832 MM)			Exhaust Hgt:	2.0630-2.0930" (52.400-53.162 MM)	
 Casting Numbers:	Head #:12509859, 14102187					
	Block #: 14093627					
Notes:	TBI, CHEVROLET, CAMARO					
GM	5.0	305	F		81-87	
Intake Hgt:	2.0500-2.0800" (52.07-52.832 MM)			Exhaust Hgt:	2.0630-2.0930" (52.4-53.162 MM)	
 Casting Numbers:	Head #:14014416, 14020555, 14022301, 14022601, 376450					
	Block #: 10046164, 10049047, 14010201, 14010202, 14010203, 14010231, 14016381, 14088551, 14093627, 14094766, 14102058					
Notes:	4BC, CHEVROLET, ROLLER CAM 1987					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
GM						8 Cylinders (cont.)
GM	5.0	305	F		88-92	LB9
Intake Hgt:	2.0500-2.0800" (52.07-52.832 MM)			Exhaust Hgt:	2.0630-2.0930" (52.4-53.162 MM)	
Casting Numbers:	Head #:12509859, 14101081, 14102187 Block #: 14088551, 14093627, 14094766, 14102058					
Notes:	MPI, CHEVROLET, ROLLER CAM					
GM	5.0	305	G		84-88	L69
Intake Hgt:	2.0500-2.0800" (52.07-52.832 MM)			Exhaust Hgt:	2.0630-2.0930" (52.4-53.162 MM)	
Casting Numbers:	Head #:12509859, 14014416, 14020555, 14022301, 14022601, 14022801, 14101081, 14102187, 376450, 378450, 376450, 378450 Block #: 10046164, 10049047, 10049047, 14088551, 14093627, 14094766, 14102058					
Notes:	L69, 4BC, CHEVROLET, HIGH OUTPUT					
GM	5.0	305	H		78-88	LG4
Intake Hgt:	2.0500-2.0800" (52.07-52.832 MM)			Exhaust Hgt:	2.0630-2.0930" (52.4-53.162 MM)	
Casting Numbers:	Head #:12509859, 14014416, 14020555, 14022301, 14022601, 14022801, 14093914, 14101081, 14102187, 354434, 355434, 358741, 376450, 378450, 426424, 462424, 462614 Block #: 10046164, 10049047, 14010201, 14010202, 14010203, 14010231, 14016381, 14016383, 14088551, 14093627, 14094766, 14102058, 355909, 361979, 460776, 460777, 460778					
Notes:	4BC, CHEVROLET					
GM	5.0	305	H		89-95	
Intake Hgt:	2.0500-2.0800" (52.07-52.832 MM)			Exhaust Hgt:	2.0630-2.0930" (52.4-53.162 MM)	
Casting Numbers:	Head #:12509859, 14101081, 14101187, 14102187 Block #: 10046164, 10049047, 14088551, 14093627, 14094766, 14102058					
Notes:	TBI, CHEVROLET					
GM	5.0	305	M		96-99	L30
Intake Hgt:	1.990-2.000" (50.546-50.800 MM)			Exhaust Hgt:	1.990-2.000" (50.546-50.800 MM)	
Casting Numbers:	Head #:12552520, 12557113, 12558059 Block #: 10243878, 10263878					
Notes:	TBI, CHEVROLET					
Comments:	* 1ST ALL BOLTS IN SEQUENCE 22 FT/LBS, 2ND BOLTS IN FINAL PASS SEQUENCE SHORT 55°, MEDIUM 65°, LONG 75° DEGREES. * UPPER 44.88 INCH/LBS					
GM	5.0	305	Q		76	
Intake Hgt:	2.0500-2.0800" (52.07-52.832 MM)			Exhaust Hgt:	2.0630-2.0930" (52.4-53.162 MM)	
Casting Numbers:	Head #:354434, 358741, 376450, 378450, 426424, 462424 Block #: 14016383, 355909, 361979, 460776, 460777, 460778					
Notes:	2BC, CHEVROLET					
GM	5.0	305	S		83	
Intake Hgt:	2.050-2.080" (52.07-52.832 MM)			Exhaust Hgt:	2.063-2.093" (52.4-53.162 MM)	
Casting Numbers:	Head #:14014416, 14020555, 14022301, 14022601, 14022801, 376450 Block #: 14010201, 14010202, 14010203, 14010231, 14016381					
Notes:	TBI, CHEVROLET					
GM	5.0	305	U		77-79	
Intake Hgt:	2.0500-2.0800" (52.07-52.832 MM)			Exhaust Hgt:	2.0630-2.0930" (52.4-53.162 MM)	
Casting Numbers:	Head #:14014416, 14022601, 354434, 357841, 358741, 3764050, 376450, 378450, 426424, 462424 Block #: 14010201, 14010202, 14010203, 14016381, 14016383, 355909, 361979, 460776, 460777, 460778					
Notes:	2BC, CHEVROLET					
GM	5.0	307	307		68-73	
Intake Hgt:	1.9700-2.0000" (50.038-50.800 MM)			Exhaust Hgt:	1.9700-2.0000" (50.038-50.800 MM)	
Casting Numbers:	Head #:299, 3297185, 354434, 3770126, 3795893, 3827185, 3911011, 3911032, 3917290, 3917292, 3917293, 3923441, 3927185, 3927186, 3927188, 3932441, 3932454, 3946813, 3947041, 3951598, 3970126, 3973370, 3973414, 3986339, 3991492, 3998991, 4672 Block #: 3914635, 3914636, 3914638, 3914653, 3932371, 3932373, 3932386, 3956632, 3970020, 3970024					
Notes:	CHEVROLET, 3.875" BORE					
GM	5.0	307	9		87-90	
New Height:	3.8610" (98.069 MM)			Exhaust Hgt:	2.016-2.046" (51.206-51.968 MM)	
Intake Hgt:	2.016-2.046" (51.206-51.968 MM)			Exhaust Hgt:	2.016-2.046" (51.206-51.968 MM)	
Casting Numbers:	Head #:0, 0, 0142, 3317, 5844, 5A, 6A, 7A Block #: 0, 0, 0, 0, 0, 0, 0, 0, 0, 4790, 6509					
Notes:	OLDSMOBILE, 4BB CARB, ROLLER CAM					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
GM				8 Cylinders (cont.)		
GM	5.0	307	Y		81-88	
New Height:	3.8610" (98.069 MM)					
Intake Hgt:	2.016-2.046" (51.206-51.968 MM)			Exhaust Hgt:	2.016-2.046" (51.206-51.968 MM)	
Casting Numbers:	Head #: 0142, 0142, 3317, 3317, 5844 Block #: 0, 3161-5A, 4790, 4790, 4790-5-0, 6509					
Notes:	OLDSMOBILE, 4BC, FLAT TAPPET CAM					
Comments:	*1989-90 ENGINES: 40 FT/LBS ALL BOLTS, THEN BOLTS #1-7 & #9 ROTATE 120° AND BOLT #10 ROTATE 95°.					
GM	5.2	316	P	CHIEFTAIN	56-56	
Intake Hgt:	1.925" (48.895 MM)			Exhaust Hgt:	1.925" (48.895 MM)	
Casting Numbers:	Block #: 521560					
Notes:	316.6 CU" PONTIAC, 27 CHIEFTAIN, 28 STARCHIEF					
GM	5.3	322	B		53-56	
Intake Hgt:	1.5250-1.5550" (38.735-39.497 MM) *			Exhaust Hgt:	1.5250-1.5550" (38.735-39.497 MM) *	
Casting Numbers:	Head #: 1165549, 1166349, 1168930, 1169349, 1343840 Block #: 1165165, 1169334					
Notes:	BUICK					
Comments:	* MEASURED FROM THE VALVE COVER RAIL-V/STEM TIP ** 1956 INTAKE .002-.003" AND EXHAUST .003-.004"					
GM	5.3	325	P	TRUCK	03-05	LM4
New Height:	4.732" (120.200 MM)					
Casting Numbers:	Block #: 12566910					
Notes:	DOHC, ENVOY, BRAVADA, TRAILBLAZER, SSR					
Comments:	* 4 STEP HEAD TORQUE: 1) ALL M11 BOLTS 22 FT/LBS, 2) ALL M11 BOLTS +90r, 3) ALL M11 BOLTS EXCEPT MED LENGTH BOLTS @ FRONT & REAR OF EACH CYL +90r, 4) M11 MED LENGTH BOLTS @ FRONT & REAR +50r.					
GM	5.3	325	T		99-05	LM7
Intake Hgt:	1.995-2.005" (50.673 TO 50.927 MM) *			Min Height:	4.7320" (120.193 MM)	
Exhaust Hgt:	1.995-2.005" (50.673 TO 50.927 MM) *					
Casting Numbers:	Head #: 12559852, 12561706 Block #: 12551358, 12567392					
Notes:	C & K TRUCKS, LM7, CAST IRON BLOCK					
Comments:	* REPORTED INST ** TIGHTEN NEW M11 BOLTS (1-10) IN SEQUENCE TO 22 FT/LBS, 2ND STEP 90°, 3RD STEP BOLTS (1-8) TIGHTEN 90°, AND BOLTS (9+10) TIGHTEN 50°, 4TH STEP APPLY .200" (5MM) BEAD OF LOCKING COMPOUND TO NEW 8MM BOLTS (11-15) 22 FT/LBS ONLY.					
GM	5.3	326	P		63-67	
Intake Hgt:	1.8000-1.8300" (45.72-46.482 MM) *			Exhaust Hgt:	1.8000-1.8300" (45.72-46.482 MM) *	
Casting Numbers:	Head #: 094, 095, 140, 141, 2092, 2093, 2094, 22, 538177, 543796, 543797, 548232, 8778776, 9773345, 9773394, 9778775, 9778776, 9778777, 9786142 Block #: 548211, 9773153, 9773156, 9777846, 9778840, 9783669, 9786339, 9786399, 9787840					
Notes:	PONTIAC, 90° V8 OHV, ALSO HO 3.719" BORE					
Comments:	* I & E: 1.7510-1.7810 FOR 65-67 ENGINES					
GM	5.4	327	L		62-67	
Intake Hgt:	1.9700-2.0000" (50.038-50.8 MM)			Exhaust Hgt:	1.9700-2.0000" (50.038-50.8 MM)	
Casting Numbers:	Head #: 3743096, 3748056, 3755585, 3767460, 3767462, 3774634, 3774682, 3774684, 3782461, 3782462, 3792563, 3795893, 3798996, 3814480, 3817681, 3849820, 3854520, 3876775, 3878775, 3884520, 3890462, 3891462, 3891492, 3908852, 3912291, 3912313, 3917291, 3917293, 3921175, 3927186, 3932441, 3947041, 3973414 Block #: 3782870, 3789817, 3791632, 3794460, 3853174, 3858174, 3858180, 3858190, 3876132, 3892657, 3903352, 3908852, 3933180, 3953512, 3959512					
Notes:	CHEVROLET, EARLY STYLE SMALL MAINS					
GM	5.4	327	L		68-69	
Intake Hgt:	1.9700-2.0000" (50.038-50.8 MM)			Exhaust Hgt:	1.9700-2.0000" (50.038-50.8 MM)	
Casting Numbers:	Head #: 299, 3297185, 3770126, 3827185, 3911011, 3911032, 3912291, 3912313, 3917290, 3917292, 3917293, 3923441, 3927185, 3927186, 3927188, 3928455, 3928494, 3928495, 3931637, 3931638, 3932441, 3932454, 3946813, 3947041, 3951598, 3970126, 3973370, 3973414, 3986388, 3991492, 3998991, 458642, 4672, 9327185 Block #: 3794460, 3914660, 3914678, 3932368, 3932373, 3932386, 3932388, 3933180, 3955618, 3956618, 3970014, 3970020					
Notes:	CHEVROLET, LATE STYLE LARGE MAINS					
GM	5.4	330	O		64-67	
Intake Hgt:	1.8600-1.8900" (47.244-48.006 MM)			Exhaust Hgt:	1.8600-1.8900" (47.244-48.006 MM)	
Casting Numbers:	Head #: 381918, 383821, 385101, 389394, 394189, 394497, 397497, 397742 Block #: 381917, 381917A, 381919, 394417, 3944173					
Notes:	OLDSMOBILE					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
GM						
				8 Cylinders (cont.)		
GM	5.4	331	CAD	49-55		
Intake Hgt:	1.8150-1.8450" (46.101-46.863 MM)			Exhaust Hgt:	1.8150-1.8450" (46.101-46.863 MM)	
Casting Numbers:	Head #:1461727, 1462611 Block #: 1455100, 1461476					
Notes:	OHV, CADILLAC					
Comments:	* THREADED 5/8" COOLANT HOLE TO THE REAR OF THE ENGINE. REPORTED MEMBER # 41189 04-29-05 MC					
GM	5.6	340	B	64-67		
Intake Hgt:	1.880-1.910" (47.752-48.514 MM) *			Exhaust Hgt:	1.880-1.910" (47.752-48.514 MM) *	
Casting Numbers:	Head #:1374870, 1376329, 1376330, 330, 382985 Block #: 1374547, 1374557, 1381621					
Notes:	BUICK, IRON BLOCK					
Comments:	* 1.925" REPORTED					
GM	5.6	347		CHIEFTAIN	57-57	
Intake Hgt:	1.925" (48.895 MM)			Exhaust Hgt:	1.925" (48.895 MM)	
Casting Numbers:	Head #:523298 Block #: 523293					
Notes:	PONTIAC, 27 CHIEFTAIN, 28 STARCHIEF W/HYDRA TRANS					
GM	5.7	346	G	CAMARO	97-04	LS1
New Height:	4.7550" (120.777 MM) AT FRONT AND REAR O			Min Height:	4.7320" (120.192 MM)	
Intake Hgt:	2.010" (51.054 MM)			Exhaust Hgt:	1.990" (50.546 MM)	
Casting Numbers:	Head #:12480005, 12550592, 12558806, 12559853, 12562512, 12562513, 12564241 Block #: 0, 12550592, 12559080, 12559378, 12559846, 12560626, 12561168, 12562174, 12562253					
Notes:	LS1, CORVETTE, CAMARO, FIREBIRD, ALUMINUM BLOCK					
Comments:	ROCKER RATIO: 1.7:1 **VALVE STEM OIL SEAL INSTALLED HEIGHT (MEASURED FROM THE VALVE SPRING SHIM-TOP EDGE OF SEAL BODY) 18.1-19.1 MM 0.712-0.752"					
GM	5.7	346	S	CORVETTE	01-04	LS6
				Min Height:	4.732" (120.200 MM)	
Casting Numbers:	Head #:12559378, 12561166, 12561168, 12564243 Block #: 0, 12551168, 12559378					
Notes:	LS6, GEN III, SFI, CORVETTE					
Comments:	HEAD TORQUE: 1) ALL M11 BOLTS 22 FT/LBS. 2) ALL M11 BOLTS EXCEPT MED LENGTH @ FRONT & REAR +90°. 3) MED LENGTH BOLTS @ FRONT & REAR +50°. M8 INNER BOLTS 22 FT/LBS.					
GM	5.7	348			58-65	
Intake Hgt:	2.157-2.187" (54.788-55.55 MM) *			Exhaust Hgt:	2.157-2.187" (54.788-55.55 MM) *	
Casting Numbers:	Head #:3258379, 3732791, 3735278, 3750254, 3752706, 3758021, 3758379, 3759254, 3759256, 3759322, 3759332, 3764702, 3767738, 3781147, 3785085, 3788555, 3795586, 3795896, 3815857, 3819333 Block #: 3728811, 3732265, 3732755, 3732811, 3741604, 3747363, 3751872, 3755011, 3771705, 3782012, 3788678, 3798962, 3815707, 3857655, 3857665, 3860387, 962					
Notes:	CHEVROLET CAR & TRUCK					
Comments:	* REPORTED TRUCK INFO AND REPORTED CAR 1.870-1.900					
GM	5.7	350	4	78-79		
Intake Hgt:	1.9700-2.0000" (50.038-50.8 MM)			Exhaust Hgt:	1.9700-2.0000" (50.038-50.8 MM)	
Casting Numbers:	Head #:14011034, 14011049, 14071114, 14079267, 3238882, 333882, 376445, 3923441, 3932454, 3945813, 3946813, 3964286, 3973493, 3986339, 3986388, 3998991, 3998993, 458624, 458642, 460703, 462624 Block #: 14010207, 14016379, 366245, 3914660, 3914678, 3932368, 3932386, 3932388, 3956618, 3970010, 3970014					
Notes:	CHEVY, 4BC					
GM	5.7	350	5	CORVETTE	96-96	LT4
Intake Hgt:	2.000-2.020" (50.800-51.308 MM)			Exhaust Hgt:	2.000-2.020" (50.800-51.308 MM)"	
Casting Numbers:	Head #:12555689, 12555690					
Notes:	LT4, MFI, CHEVROLET, CORVETTE					
GM	5.7	350	6	80-88		
Intake Hgt:	1.9700-2.0000" (50.038-50.8 MM)			Exhaust Hgt:	1.9700-2.0000" (50.038-50.8 MM)	
Casting Numbers:	Head #:10065206, 10110810, 10147898, 12516852, 14011034, 14011049, 14020556, 14022056, 14071114, 14079261, 14079267, 14079287, 14085963, 14089119, 14094093, 14096217, 14101083, 14101128, 14102191, 14102193, 462624 Block #: 10054727, 10066036, 14010207, 14010209, 14016379, 14079287, 14088548, 14093638, 14101148, 366245, 3914678, 3932388, 3970010, 3970014, 535732					
Notes:	4BC, H/D CHEVROLET					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
GM						
				8 Cylinders (cont.)		
GM	5.7	350	8	CAMARO, CORV	85-92	L98
Intake Hgt:	1.9700-2.0000" (50.038-50.8 MM) **			Exhaust Hgt:	1.9700-2.0000" (50.038-50.8 MM) **	
Castings Numbers:	Head #:10065206, 10088113, 10100810, 10110810, 10128374, 12516852, 14079261, 14094093, 14096217, 14101083, 14101128, 14102183, 14102191, 14102193 Block #: 10054727, 10243880, 14011148, 14088526, 14088548, 14093638, 14101148, 1489363					
Notes:	L98, TUNED PORT INJECTION					
Comments:	* 1993-95 COMBUST CHAMBER VOLUME: 53.7CC **I/S/H ALUM. HEAD: I=2.025-2.055, E=2.145-2.175					
GM	5.7	350	8		80	
Intake Hgt:	2.0160-2.0460" (51.206-51.968 MM)			Exhaust Hgt:	2.0160-2.0460" (51.206-51.968 MM)	
Castings Numbers:	Head #:411929, 554716 Block #: 366245, 3914678, 3932388, 3970010, 3970014, 554964-3A, 557752, 557752-3B, 557838					
Notes:	EFI, OLDSMOBILE					
GM	5.7	350	H		68-74	
Intake Hgt:	1.9400-1.9700" (49.276-50.038 MM)			Exhaust Hgt:	1.9400-1.9700" (49.276-50.038 MM)	
Castings Numbers:	Head #:1233472, 1233472, 1237650, 1238145, 1241861, 1242556, 1243452, 1382546, 22505238, 25505236 Block #: 1241748, 1382201, 25504744					
Notes:	2BC, BUICK					
Comments:	HEADS OIL EITHER THROUGH ROCKER SHAFT OR THROUGH PUSH ROD, NON INTERCHANGEABLE.					
GM	5.7	350	H		73-77	
Intake Hgt:	1.9400-1.9700" (49.276-50.038 MM)			Exhaust Hgt:	1.9400-1.9700" (49.276-50.038 MM)	
Castings Numbers:	Head #:1241861, 1242556, 1243452, 1247716, 22505238, 25505236 Block #: 1241748, 25504744, 366245, 3914660, 3914678, 3932368, 3932386, 3932388, 3956618, 3970010, 3970014					
Notes:	2BC, BUICK					
GM	5.7	350	J		75-77	
Intake Hgt:	1.940-1.970" (49.276-50.038 MM)			Exhaust Hgt:	1.940-1.970" (49.276-50.038 MM)	
Castings Numbers:	Head #:1241861, 1242556, 1243452, 1247716, 22505238, 25505236 Block #: 1241748, 1382201, 25504744, 366245					
Notes:	4BC, BUICK					
GM	5.7	350	K		70-75	
Intake Hgt:	1.751-1.781" (44.475-45.237 MM)			Exhaust Hgt:	1.751-1.781" (44.475-45.237 MM)	
Castings Numbers:	Head #:488545, 7H1 Block #: 24506029, 366245, 3914678, 3932388, 3970010, 3970014, 488986					
Notes:	4BC, PONTIAC					
GM	5.7	350	K		86-96	
Intake Hgt:	1.985-2.015" (50.419-51.181 MM)			Exhaust Hgt:	2.105-2.135" (53.467-54.229 MM)	
Castings Numbers:	Head #:10065206, 10110810, 10110810, 12516852, 14079287, 14085963, 14089119, 14094098, 14096217, 14101083, 14102183, 14102191, 14102193, 376445, 93417369, 93417389 Block #: 10054727, 10243880, 14079287, 14088548, 14093638, 14101148, 14101148, 1489363, 535732, 535732					
Notes:	TBI, CHEVROLET, 1 PC REAR MAIN SEAL					
Comments:	4 STUD ROCKER COVERS, WATER COOLED EXHAUST GUIDES					
GM	5.7	350	L		76	
Intake Hgt:	1.9700-2.0000" (50.038-50.8 MM)			Exhaust Hgt:	1.9700-2.0000" (50.038-50.8 MM)	
Castings Numbers:	Head #:14079267, 3238882, 333881, 333882, 3873487, 3885336, 3886336, 3888336, 3923441, 3932454, 3945813, 3946813, 3947041, 3951598, 3964286, 3970126, 3973487, 3973493, 3974393, 3986330, 3986339, 3986388, 3998920, 3998991, 3998993, 3998997, 468642, 6260856 Block #: 10066036, 14010207, 14016379, 1410209, 366245, 3832388, 3855961, 3914660, 3914678, 3932368, 3932386, 3932388, 3956618, 3970010, 3970014					
Notes:	4BC, CHEVROLET					
GM	5.7	350	L		77-82	
Intake Hgt:	1.9700-2.0000" (50.038-50.8 MM)			Exhaust Hgt:	1.9700-2.0000" (50.038-50.8 MM)	
Castings Numbers:	Head #:10147898, 14011034, 14011049, 14071114, 14079267, 3238882, 333882, 340292, 376445, 3873487, 3886336, 3888336, 3923441, 3932454, 3945813, 3946813, 3947041, 3970126, 3973487, 3973493, 3986336, 3986339, 3986388, 3998920, 3998991, 3998993, 3998997, 458624, 458642, 460703, 462624 Block #: 10066036, 14010207, 14010209, 14016379, 1410209, 25504744, 366245, 3832388, 3855961, 3914660, 3914678, 3932368, 3932386, 3932388, 3956618, 3970010, 3970014					
Notes:	4BC, CHEVROLET					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
GM				8 Cylinders		(cont.)
GM	5.7	350	L			83-86
Intake Hgt:	1.9700-2.0000" (50.038-50.8 MM)			Exhaust Hgt:	1.9700-2.0000" (50.038-50.8 MM)	
Casting Numbers:	Head #:10147898, 14011034, 14011049, 14071114, 14079267, 3238882, 333882, 376445, 3873487, 3886336, 3932454, 3945813, 3946813, 3973487, 3973493, 3986339, 3986388, 3986388, 3998920, 3998991, 3998993, 3998997, 458624, 458642, 460703, 462624 Block #: 100660036, 14010207, 14010209, 14016379, 14088548, 366245, 3914660, 3914678, 3932368, 3932388, 3956618, 3970010, 3970014					
Notes:	4BC, CHEVROLET					
GM	5.7	350	L			89-92
Intake Hgt:	1.985-2.015" (50.419-51.181 MM)			Exhaust Hgt:	2.105-2.135" (53.467-54.229 MM)	
Casting Numbers:	Head #:10065206, 12516852, 14020556, 14022056, 14079261, 14079267, 14079287, 14085963, 14089119, 14094093, 14094098, 14096217, 14101083, 14101128, 14102183, 14102191, 14102193 Block #: 10054727, 10243880, 14079287, 14088548, 14093638, 14101148, 1410209, 1489363, 3970010, 3970014, 535732					
Notes:	TBI, CHEVROLET					
Comments:	4 STUD ROCKER COVERS, WATER COOLED EXHAUST GUIDES					
GM	5.7	350	M			74
Intake Hgt:	1.751-1.781" (44.475-45.237 MM)			Exhaust Hgt:	1.751-1.781" (44.475-45.237 MM)	
Casting Numbers:	Block #:3970010					
Notes:	4BC, PONTIAC					
GM	5.7	350	M			79-88
Intake Hgt:	1.9850-2.0150" (50.419-51.181 MM)			Exhaust Hgt:	2.1050-2.1350" (53.467-54.229 MM)	
Casting Numbers:	Head #:10065206, 10088113, 10110810, 10147898, 12516852, 14020556, 14022056, 14071114, 14079261, 14079267, 14079267, 14079287, 14085963, 14089119, 14094093, 14094098, 14096217, 14101083, 14101128, 14102191, 14102193, 340292, 376445, 3986388, 3998991, 458642, 462624 Block #: 10054727, 10066036, 14010207, 14016379, 14079287, 14088548, 14093638, 14101148, 1489363, 366245, 3914660, 3914678, 3932368, 3932386, 3932388, 3956618, 3970010, 3970014, 535732					
Notes:	4BC, CHEVROLET					
GM	5.7	350	N			78-80
New Height:	3.861" (98.069 MM) *					
Intake Hgt:	2.016-2.046" (51.206-51.968 MM)			Exhaust Hgt:	2.016-2.046" (51.206-51.968 MM)	
Casting Numbers:	Head #:3948, 558769, 7709 Block #: 4468-D3, 554964, 558306, 558306-D3, 560382					
Notes:	DIESEL, OLDSMOBILE, 4 STD PISTONS					
Comments:	* GM DOES NOT RECOMMEND RESURFACING, ROLLER LIFTERCAMSHAFT					
GM	5.7	350	N			81-85
New Height:	3.8610" (98.069 MM) *					
Intake Hgt:	2.0160-2.0460" (51.206-51.968 MM)			Exhaust Hgt:	2.0160-2.0460" (51.206-51.968 MM)	
Casting Numbers:	Head #:3948, 558769, 7709 Block #: 558306, 558306-D3, 7582, 7582-D3					
Notes:	DIESEL, OLDSMOBILE, 4 STD PISTONS					
Comments:	*GM DOES NOT RECOMMEND RESURFACING,ROLLER CAMSHAFT					
GM	5.7	350	P	CAMARO	92-97	LT1
Intake Hgt:	2.050-2.060"			Exhaust Hgt:	2.050-2.060"	
Casting Numbers:	Head #:10125320, 10128374, 10207643, 12516852, 12551561, 12554290 Block #: 10125327, 10243880, 14093638					
Notes:	LT1, FIREBIRD, CAMARO, SS IMPALA , CORVETTE					
Comments:	*** 1 +/- 1/4 TURN DOWN FROM ZERO LASH.					
GM	5.7	350	P			68-77
Intake Hgt:	1.8450-1.8750" (46.863-47.625 MM)			Exhaust Hgt:	1.8450-1.8750" (46.863-47.625 MM)	
Casting Numbers:	Head #:17, 7L4, 94 Block #: 14016379, 366245, 3914678, 3932388, 3970010, 3970014, 481990, 488966, 488986, 500810, 9790079, 9799916					
Notes:	PONTIAC					
GM	5.7	350	P			80-83
Intake Hgt:	1.9850-2.0150" (50.419-51.181 MM)			Exhaust Hgt:	2.1050-2.1350" (53.467-54.229 MM)	
Casting Numbers:	Head #:10147898, 14071114, 14079267, 333882, 376445, 3888336, 3973487, 3973493, 3986339, 3986388, 3998920, 3998991, 3998993, 3998997, 458642, 462624 Block #: 14010207, 14010209, 14016379, 366245, 3914678, 3932388, 3970010, 3970014					
Notes:	2BC, CHEVROLET					
Comments:	4 STUD ROCKER COVERS, WATER COOLED EXHAUST GUIDES GUIDES					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
GM				8 Cylinders		(cont.)
GM	5.7	350	R			
New Height:	3.8610" (98.069 MM)			Exhaust Hgt:	1.8760-1.9060" * (47.65-48.412 MM)	
Intake Hgt:	2.0160-2.0460" (51.206-51.968 MM)					
Casting Numbers:	Head #: 389394, 397742, 403859, 409147, 411929 Block #: 14016379, 366245, 3914678, 3932388, 395558, 395558-2, 3970010, 3970014, 554964-3A, 557752-3B					
Notes:	OLDSMOBILE					
Comments:	* HEADS WITH ROTATORS = 2.016-2.046"					
GM	5.7	350	R			
New Height:	3.8610" (98.069 MM)			Exhaust Hgt:	2.0160-2.0460" (51.206-51.968 MM)	
Intake Hgt:	2.0160-2.0460" (51.206-51.968 MM)					
Casting Numbers:	Head #: 554716, 554717 Block #: 14016379, 366245, 3914678, 3932388, 3970010, 3970014, 554963-A, 554964, 554964-3A, 557752, 557752-3B					
Notes:	4BC, OLDSMOBILE					
GM	5.7	350	R		96-02	L31
Intake Hgt:	1.975-2.005"			Exhaust Hgt:	2.015-2.045"	
Casting Numbers:	Head #: 10239906, 12558062 Block #: 10243880, 14093638					
Notes:	TBI, SFI 2001, VORTEC IRON HEAD, CHEVROLET TRUCK					
Comments:	* 1ST ALL BOLTS IN SEQUENCE 22 FT/LBS, 2ND BOLTS IN FINAL PASS SEQUENCE SHORT 55°, MEDIUM 65°, LONG 75° DEGREES.					
GM	5.7	350	V			
Intake Hgt:	1.9700-2.0000" (50.038-50.8 MM)			Exhaust Hgt:	1.9700-2.0000" (50.038-50.8 MM)	
Casting Numbers:	Head #: 10147898, 14079267, 3238882, 333881, 333882, 376445, 3873487, 3885336, 3886336, 3888336, 3923441, 3932441, 3932454, 3945813, 3946813, 3947041, 3951598, 3964286, 3970126, 3973487, 3973493, 3974393, 3986330, 3986336, 3986339, 3986388, 3998920, 3998991, 3998993, 3998997, 458642, 468642, 6260856 Block #: 14016379, 366245, 3855961, 3914660, 3914678, 3932368, 3932386, 3932388, 3956618, 3970010, 3970014					
Notes:	2BC, CHEVROLET					
GM	5.7	350	X			
Intake Hgt:	1.940-1.970" (49.276-50.038 MM)			Exhaust Hgt:	1.940-1.970" (49.276-50.038 MM)	
Casting Numbers:	Head #: 1241861, 1243452, 1247716, 1254170, 22505236, 25505236 Block #: 1241748, 25504744					
Notes:	4BC, BUICK					
GM	5.7	350	Y			
Intake Hgt:	1.9700-2.0000" (50.038-50.8 MM)			Exhaust Hgt:	1.9700-2.0000" (50.038-50.8 MM)	
Casting Numbers:	Head #: 10147898, 14079267, 3238882, 330545, 333881, 333882, 376445, 3770126, 3873487, 3885336, 3886336, 3888336, 3890462, 3891462, 3912291, 3917291, 3917293, 3923441, 3927185, 3927186, 3927187, 3927188, 3928494, 3932441, 3932454, 3932454, 3933148, 3945813, 3946812, 3946813, 3947041, 3951598, 3964286, 3970126, 3973414, 3973487, 3973493, 3974393, 3986316, 3986330, 3986336, 3986339, 3986388, 3991492, 3998916, 3998920, 3998991, 3998993, 3998997, 458642, 468642 Block #: 14016379, 366245, 3832388, 3855961, 3914660, 3914678, 3932368, 3932386, 3932388, 3955977, 3956618, 3970010, 3970014					
Notes:	4BC, CHEVROLET TRUCK					
GM	5.7	350	Z			
New Height:	3.861" (98.069 MM)			Min Height:	*	
Intake Hgt:	2.016-2.046" (51.206-51.968 MM)			Exhaust Hgt:	2.016-2.046" (51.206-51.968 MM)	
Casting Numbers:	Head #: 558769 Block #: 4468-D3, 554964, 558306, 558306-D3, 560382					
Notes:	DIESEL, OLDSMOBILE, ROLLER CAM					
Comments:	* GM DOES NOT RECOMMEND RESURFACING			CAMSHAFT		
GM	5.7	350	Z			
New Height:	3.861" (98.069 MM)			Min Height:	*	
Intake Hgt:	2.016-2.046" (51.206-51.968 MM)			Exhaust Hgt:	2.016-2.046" (51.206-51.968 MM)	
Casting Numbers:	Head #: 3948, 558769, 7709 Block #: 558306, 558306-D3					
Notes:	DIESEL, OLDSMOBILE, ROLLER CAM					
Comments:	* GM DOES NOT RECOMMEND RESURFACING			CAMSHAFT		

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
GM						
GM	5.7	350	Z		80-81	8 Cylinders (cont.)
New Height:	3.8610" (98.069 MM)			Min Height:	*	
Intake Hgt:	2.0160-2.0460" (51.206-51.968 MM)			Exhaust Hgt:	2.0160-2.0460" (51.206-51.968 MM)	
Casting Numbers:	Head #: 3948, 558769, 7709 Block #: 4468-D3, 554964, 558306, 558306-D3, 560382, 7582, 7582-D3					
Notes:	DIESEL, OLDSMOBILE, ROLLER CAM					
Comments:	*GM DOES NOT RECOMMEND RESURFACING.					
GM	6.0	364	B		57-61	
Intake Hgt:	1.9700-2.0000" (50.038-50.8 MM) **			Exhaust Hgt:	1.9700-2.0000" (50.038-50.8 MM) **	
Casting Numbers:	Head #: 1172889, 1190415, 1196914 Block #: 1173201, 1173201-11, 1174372, 1196547					
Notes:	BUICK					
Comments:	** EARLY HEADS WERE 1.8600-1.8800" *** 1960-61 INTAKE TOP OF GUIDE .001-.003", BOTTOM .0025-.0045", EXHAUST TOP OF GUIDE .002-.004 BOTTOM .0035-.0055" *** STEM TOP .373 BOTTOM .3715" **** STEM TOP .372 BOTTOM .3705"					
GM	6.0	364	N	ESCALADE	02-03	LQ9
New Height:	4.7550" (120.777 MM) AT FRONT & REAR OF C			Min Height:	4.7320" (120.193 MM)	
Intake Hgt:	1.985-2.015" (50.419-51.181 MM)			Exhaust Hgt:	1.980-2.000" (50.292-50.800 MM)	
Casting Numbers:	Head #: 12561873, 12572035, 371 Block #: 12551364, 12561168, 12573581, 12577184					
Notes:	SFI, OHV, GEN III, ALUMINUM HEAD					
Comments:	* TIGHTEN NEW M11 BOLTS (1-10) IN SEQUENCE TO 22 FT/LBS, 2ND STEP 90r, 3 STEP BOLTS (1-8) TIGHTEN 90r. & BOLTS (9-10) TIGHTEN 50r, 4TH STEP APPLY .200" (5MM) BEAD OF LOCKING COMPOUND TO NEW 8MM BOLTS (11-15) 22 FT/LBS ONLY.					
GM	6.0	364	U	CORVETTE	05-05	LS2
New Height:	4.732" (120.200 MM)					
Casting Numbers:	Block #: 12562735					
Notes:	CORVETTE, PONTIAC GTO, CHEVY SSR, GEN IV					
GM	6.0	364	U		99-04	LQ4
New Height:	4.7550" (120.777 MM) AT FRONT AND REAR O			Min Height:	4.7320" (120.193 MM)	
Intake Hgt:	1.985-2.015"			Exhaust Hgt:	1.980-2.000"	
Casting Numbers:	Head #: 12561873, 317, 371 Block #: 12551364, 12551366					
Notes:	C & K TRUCKS, ALUMINUM HEAD IN 2001					
Comments:	** TIGHTEN NEW M11 BOLTS (1-10) IN SEQUENCE TO 22 FT/LBS, 2ND STEP 90°, 3RD STEP BOLTS (1-8) TIGHTEN 90°, AND BOLTS (9+10) TIGHTEN 50°, 4TH STEP APPLY .200" (5MM) BEAD OF LOCKING COMPOUND TO NEW 8MM BOLTS (11-15) 22 FT/LBS ONLY.					
GM	6.0	365			56-58	
Intake Hgt:	1.940-1.970" (49.276-50.038 MM) *			Exhaust Hgt:	1.940-1.970" (49.276-50.038 MM) *	
Casting Numbers:	Head #: 1456439, 1462983, 1465406, 1465431, 1465436, 982 Block #: 1463376, 1464819, 1467267					
Notes:	CADILLAC					
Comments:	1956 ENGINES = 1.815-1.845"					
GM	6.0	365			58-62	
Intake Hgt:	2.030-2.060" (51.562-52.324 MM)			Exhaust Hgt:	2.030-2.060" (51.562-52.324 MM)	
Casting Numbers:	Head #: 1462983, 1465431, 1472449, 406, 982 Block #: 1463376, 1464819, 1467267					
Notes:	CADILLAC					
GM	6.0	366	B		68-90	
Intake Hgt:	2.3300-2.3640" (59.182-60.046 MM) *			Exhaust Hgt:	2.3300-2.3640" (59.182-60.046 MM) *	
Casting Numbers:	Head #: 10052902, 10101140, 10481052, 10487052, 14081052, 14087052, 14092359, 206, 208, 215, 330684, 330864, 330865, 330866, 336765, 343771, 343772, 3856206, 3856213, 3856223, 3904393, 3917219, 3933148, 3975950, 3986133, 3986136, 437328, 473328 Block #: 364779, 3824553, 3855977, 3904354, 3904854, 3916319, 3918319, 3928319, 3937724, 3937772, 3955274, 3955977, 3969852, 399293, 3999293, 6272176					
Notes:	CHEVROLET TRUCK					
Comments:	88-> INTAKE 2.063-2.093" EXHAUST 2.251-2.281"					
GM	6.0	366	P		89-90	
Intake Hgt:	2.3300-2.3640" (59.182-60.046 MM) *			Exhaust Hgt:	2.3300-2.3640" (59.182-60.046 MM) *	
Casting Numbers:	Head #: 10101140, 10487052, 14081052, 14087052, 14092359, 473328 Block #: 10069282, 364779, 3855977, 3904354, 3904854, 3916319, 3937724, 3955274, 3955977, 3969852, 3999293					
Notes:	CHEVROLET TRUCK/GMC LSO					
Comments:	*1988-> INTAKE 2.063-2.093" EXHAUST 2.251-2.281"					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
GM						8 Cylinders (cont.)
GM	6.0	366	P		91-98	
Intake Hgt:	2.3300-2.3640" (59.182-60.046 MM) *			Exhaust Hgt:	2.3300-2.3640" (59.182-60.046 MM) *	
Casting Numbers:	Head #:10101140 Block #: 10114183, 10237299					
Notes:	GEN V, ENGINE					
Comments:	88-> INTAKE 2.063-2.093" EXHAUST 2.251-2.281"					
GM	6.0	368	6		80-84	
Intake Hgt:	2.030-2.060" (51.562-52.324 MM)			Exhaust Hgt:	2.030-2.060" (51.562-52.324 MM)	
Casting Numbers:	Head #:1615158, 1615188 Block #: 1615255, 1620734					
Notes:	4BC, CADILLAC					
GM	6.0	368	9		80-84	
Intake Hgt:	2.030-2.060" (51.562-52.324 MM)			Exhaust Hgt:	2.030-2.060" (51.562-52.324 MM)	
Casting Numbers:	Head #:1615158 Block #: 1615255, 1620734					
Notes:	DEFI, CADILLAC					
GM	6.1	371			57-60	
Intake Hgt:	2.0400-2.0600" (51.816-52.324 MM)			Exhaust Hgt:	2.0400-2.0600" (51.816-52.324 MM)	
Casting Numbers:	Head #:513305, 513350, 569137, 571870 Block #: 0, 568922, 568929, 573562, 574865					
Notes:	OLDSMOBILE, SAME AS SMALL BORE 394					
Comments:	* SPG SPECS FOR 1957 ONLY.					
GM	6.2	379	C		82-86	
New Height:	3.8530-3.8630" (97.866-98.12 MM)			Min Height:	3.8530" (97.866 MM)	
Intake Hgt:	2.1570-2.1870" (54.788-55.55 MM)			Exhaust Hgt:	2.2300-2.2600" (56.642-57.404 MM)	
Intake Pro / Rec:	.045-.065" V/REC (1.143-1.651 MM)			Exhaust Pro / Rec:	.035-.055" V/REC (.889-1.397 MM)	
Casting Numbers:	Head #:10137567, 14028901, 14051299, 14057299, 14077162 Block #: 14022600, 14022660					
Notes:	CHEVROLET, DIESEL LIGHT DUTY					
Comments:	* INTAKE VALVE HEAD DIAMETER 1984-92: 1.611 ** EXHAUST VALVE 1987-92 = 1.535"					
GM	6.2	379	C		87-93	
New Height:	3.8530-3.8630" (97.866-98.12 MM)			Min Height:	3.8530" (97.866 MM)	
Intake Hgt:	2.1570-2.1870" (54.788-55.55 MM)			Exhaust Hgt:	2.2300-2.2600" (56.642-57.404 MM)	
Intake Pro / Rec:	.045-.065" V/REC (1.143-1.651 MM)			Exhaust Pro / Rec:	.035-.055" V/REC (.889-1.397 MM)	
Casting Numbers:	Head #:10137567, 14028901, 14057299, 14077162 Block #: 10149599, 14022600, 14022660					
Notes:	CHEVROLET, DIESEL, LIGHT DUTY					
Comments:	* INTAKE VALVE HEAD DIAMETER 1984-92: 1.611 ** EXHAUST VALVE 1987-92 = 1.535"					
GM	6.2	379	J		82-86	
New Height:	3.8530-3.8630" (97.866-98.12 MM)			Min Height:	3.8530" (97.866 MM)	
Intake Hgt:	2.1570-2.1870" (54.788-55.55 MM)			Exhaust Hgt:	2.2300-2.2600" (56.642-57.404 MM)	
Intake Pro / Rec:	.045-.065" V/REC (1.143-1.651 MM)			Exhaust Pro / Rec:	.035-.055" V/REC (.889-1.397 MM)	
Casting Numbers:	Head #:14028901, 14051299, 14057299, 14077162 Block #: 14022660					
Notes:	DIESEL, CHEVROLET					
Comments:	* INTAKE VALVE HEAD DIAMETER 1984-92: 1.811 ** EXHAUST VALVE 1984-90: 1.496					
GM	6.2	379	J		87-93	
New Height:	3.8530-3.8630" (97.866-98.12 MM)			Min Height:	3.8530" (97.866 MM)	
Intake Hgt:	2.1570-2.1870" (54.788-55.55 MM)			Exhaust Hgt:	2.2300-2.2600" (56.642-57.404 MM)	
Intake Pro / Rec:	.045-.065" V/REC (1.143-1.651 MM)			Exhaust Pro / Rec:	.035-.055" V/REC (.889-1.397 MM)	
Casting Numbers:	Head #:10137567, 14028901, 14051299, 14057299, 14077162 Block #: 10149599, 14022660					
Notes:	DIESEL, CHEVROLET					
GM	6.4	389	389		59-66	
Intake Hgt:	1.7510-1.7810" (44.475-45.237 MM) **			Exhaust Hgt:	1.7510-1.7810" (44.475-45.237 MM) **	
Casting Numbers:	Head #:091, 092, 093, 47, 513395, 531395, 536096, 536109, 538177, 543796, 543797, 547396, 547397, 9773155, 9773345, 9773845, 9778775, 9778776, 9778777 Block #: 532000, 536387, 538177, 538181, 542426, 543680, 543796, 543797, 588181, 636387, 68181, 9773155, 9773345, 9773383, 9778789					
Notes:	PONTIAC					
Comments:	* EARLY HEADS WERE 1.6700-1.700"			PRESS-IN ROCKER STUD HEIGHT = 1.300-1.330"		

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
GM						
GM	6.4	390			59-62	8 Cylinders (cont.)
Intake Hgt:	2.0300-2.0600" (51.562-52.324 MM) *			Exhaust Hgt:	2.0300-2.0600" (51.562-52.324 MM) *	
Castings Numbers:	Head #:1468025, 1473449, 1479831, 1742449 Block #: 1469230, 1473257, 1473267, 1477857, 1483870					
Notes:	CADILLAC					
Comments:	* REPORTED HEAD CASTING # 1473449 INSTALLED HEIGHTS @ 2.000"					
GM	6.4	390			63	
Intake Hgt:	1.9070-1.9370" (48.438-49.2 MM)			Exhaust Hgt:	1.9070-1.9370" (48.438-49.2 MM)	
Castings Numbers:	Head #:1479831, 1485240 Block #: 1469230, 1473267, 1477857, 1483870					
Notes:	CADILLAC					
GM	6.5	394	OLDS		59-64	
Intake Hgt:	2.0400-2.0600" (51.816-52.324 MM)			Exhaust Hgt:	2.0400-2.0600" (51.816-52.324 MM)	
Castings Numbers:	Head #:573305, 577608, 577808, 580999, 583832, 583833 Block #: 544534, 574534, 577476, 578135, 582813, 582831, 585786					
Notes:	OLDSMOBILE GAS					
Comments:	* ROCKER ARM PUSH ROD END AWAY FROM EACH OTHER, VALVE TIP ENDS TOWARDS EACH OTHER.					
GM	6.5	396			65-72	
Intake Hgt:	2.0950-2.1250" (53.213-53.975 MM)			Exhaust Hgt:	2.0950-2.1250" * (53.213-53.975 MM)	
Castings Numbers:	Head #:10051128, 14011077, 14044861, 198, 206, 208, 215, 260, 280, 330865, 353049, 370696, 3804391, 3846206, 3856026, 3856028, 3856206, 3856208, 3856260, 3864291, 3872702, 3873702, 3873855, 3873858, 3904390, 3904391, 3909802, 3917215, 3917219, 3919839, 3919840, 3919842, 3931063, 3933148, 3937734, 3946074, 3962480, 3964290, 3964291, 3964380, 3965198, 3969854, 3975950, 3986136, 3993820, 3999241, 6272290 Block #: 3716323, 3855061, 385596, 3855962, 3866961, 3869942, 3873858, 3877064, 3877066, 3902406, 3902466, 3916323, 3916328, 3935439, 3935440, 3936854, 3937726, 3937772, 3955272, 3965440, 3965449, 3965540, 3965549, 3968854, 3969854, 3999290, 6272177					
Notes:	GEN IV, BIG BLOCK CHEVY					
Comments:	* HEADS WITH ROTATORS USE 2.3450-2.3750"					** INTAKE .024" & EXHAUST .024" HOT 396 CID 375 HP, ROCKER RATIO IS 1.7:1
GM	6.5	397	7		98-99	
New Height:	3.8530-3.8630" (97.866-98.12 MM)			Min Height:	3.8530" (97.866 MM)	
Intake Hgt:	2.1570-2.1870" (54.788-55.55 MM)			Exhaust Hgt:	2.2300-2.2600" (56.642-57.404 MM)	
Intake Pro / Rec:	.034-.048" V/REC (.864-1.219 MM)			Exhaust Pro / Rec:	.034-.048" V/REC (.864-1.219 MM)	
Castings Numbers:	Head #:10137567, 14028901, 14057299, 14077162 Block #: 10149599, 12552929, 12555506, 14109599					
Notes:	DIESEL, CHEVROLET, TURBO & NON					
GM	6.5	397	F		92-00	L65
New Height:	3.8530-3.8630" (97.866-98.12 MM)			Min Height:	3.8530" (97.866 MM)	
Intake Hgt:	2.1570-2.1870" (54.788-55.55 MM)			Exhaust Hgt:	2.2300-2.2600" (56.642-57.404 MM)	
Intake Pro / Rec:	.034-.048" V/REC (.864-1.219 MM)			Exhaust Pro / Rec:	.034-.048" V/REC (.864-1.219 MM)	
Castings Numbers:	Head #:10137567, 14028901, 14057299, 14077162 Block #: 10149599, 10237141, 12552929, 12554843, 12555506, 14109599, 2929					
Notes:	DIESEL, CHEVROLET, TURBO					
GM	6.5	397	P		94-95	L49
New Height:	3.8530-3.8630" (97.866-98.12 MM)			Min Height:	3.8530" (97.866 MM)	
Intake Hgt:	2.1570-2.1870" (54.788-55.55 MM)			Exhaust Hgt:	2.2300-2.2600" (56.642-57.404 MM)	
Intake Pro / Rec:	.034-.048" V/REC (.864-1.219 MM)			Exhaust Pro / Rec:	.034-.048" V/REC (.864-1.219 MM)	
Castings Numbers:	Head #:10137567, 14028901, 14057299, 14077162 Block #: 10149599, 14109599					
Notes:	L/D L49 DIESEL, CHEVROLET, NON-TURBO PU & VAN					
GM	6.5	397	S		94-00	L56
New Height:	3.8530-3.8630" (97.866-98.12 MM)			Min Height:	3.8530" (97.866 MM)	
Intake Hgt:	2.1570-2.1870" (54.788-55.55 MM)			Exhaust Hgt:	2.2300-2.2600" (56.642-57.404 MM)	
Intake Pro / Rec:	.034-.048" V/REC (.864-1.219 MM)			Exhaust Pro / Rec:	.034-.048" V/REC (.864-1.219 MM)	
Castings Numbers:	Head #:10137567, 14028901, 14057299, 14077162 Block #: 10149599, 12552929, 12555506, 14109599					
Notes:	H/O L56 DIESEL, CHEVROLET, TURBO					
GM	6.5	397	Y		94-99	L57
New Height:	3.8530-3.8630" (97.866-98.12 MM)			Min Height:	3.8530" (97.866 MM)	
Intake Hgt:	2.1570-2.1870" (54.788-55.55 MM)			Exhaust Hgt:	2.2300-2.2600" (56.642-57.404 MM)	
Intake Pro / Rec:	.034-.048" V/REC (.864-1.219 MM)			Exhaust Pro / Rec:	.034-.048" V/REC (.864-1.219 MM)	
Castings Numbers:	Head #:10137567, 14028901, 14057299, 14077162 Block #: 10149599, 10237141, 12552929, 12555506, 14109599					
Notes:	H/D CHEVROLET, NON-TURBO VAN P TRUCKS & HUMMER 4WD					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
GM						8 Cylinders (cont.)
GM	6.6	400	B		67-69	
Intake Hgt:	2.0900-2.1200" (53.086-53.848 MM)			Exhaust Hgt:	2.0900-2.1200" (53.086-53.848 MM)	
Casting Numbers:	Head #:1377979, 1377980					
Notes:	BUICK					
GM	6.6	400	L		70-78	
Intake Hgt:	1.9800-2.0300" (50.292-51.562 MM)			Exhaust Hgt:	1.9800-2.0300" (50.292-51.562 MM)	
Casting Numbers:	Head #:14071114, 333862, 333882, 3338882, 3951598, 3961598, 3973195, 3973493, 3998916, 3998997, 462624, 468642					
	Block #: 330817, 390575, 3951509, 3951511					
Notes:	CHEVROLET SMALL BLOCK					
GM	6.6	400	P		72-75	
Intake Hgt:	1.7510-1.7810" (44.475-45.237 MM)			Exhaust Hgt:	1.7510-1.7810" (44.475-45.237 MM)	
Casting Numbers:	Head #:061, 062, 14, 15, 16, 422466, 488543, 488544, 492466, 494344, 494348, 4C, 4X, 50, 5C, 6H, 6X					
	Block #: 481988, 500557					
Notes:	PONTIAC, 2 BBL					
GM	6.6	400	R		74-75	
Intake Hgt:	1.7510-1.7810" (44.475-45.237 MM)			Exhaust Hgt:	1.7510-1.7810" (44.475-45.237 MM)	
Casting Numbers:	Head #:061, 062, 14, 15, 16, 422466, 488543, 488544, 492466, 494344, 494348, 4C, 4X, 50, 5C, 6H, 6X, 9795945					
	Block #: 481988, 500557					
Notes:	PONTIAC, 2BBL					
GM	6.6	400	RO		65-69	
Intake Hgt:	1.8760-1.9060" (47.65-48.412 MM)			Exhaust Hgt:	1.8760-1.9060" (47.65-48.412 MM)	
Casting Numbers:	Head #:383121, 383521, 383821, 389395, 394548, 403686					
	Block #: 389298, 389298-B, 390925, 3955272					
Notes:	4.000" BORE OLDSMOBILE 4.125" STROKE					
GM	6.6	400	S	FIREBIRD	67-79	
Intake Hgt:	1.7510-1.7810" * (44.475-45.237 MM)			Exhaust Hgt:	1.7510-1.7810" * (44.475-45.237 MM)	
Casting Numbers:	Head #:0187, 061, 062, 06215, 12, 13, 14, 143, 061, 15, 215, 16, 62, 48, 216, 187, 422466, 45 / 46, 481196, 481199, 486072, 486073, 488543, 488544, 491347, 492466, 494344, 494348, 4C, 4X, 50, 500762, 5C, 64, 670, 97, 6H, 6X, 722, 7J2, 7K3, 809, 824, 96, 96, R, A, 97, 9786142, 9787670, 9791216, 9793596, 9795046, 9795048, 9795945, 9799611, 9799612, 9799613, 9799614, 9799616					
	Block #: 0732973, 0792250, 481708, 481988, 487640, 488988, 499864, 500557, 568557, 9773524, 9786133, 9790071, 9792250, 9792506, 9792510, 9792868, 9799914					
Notes:	PONTIAC, GTO, FIREBIRD					
Comments:	* REPORTED 1.825-1.850" HEAD CASTING # 16 1968 RA 360 HP, REPORTED 1.810" HEAD CASTING # 45 1967 400 RA					
GM	6.6	400	S		75-75	
Intake Hgt:	1.751-1.781" (44.475-45.237 MM)			Exhaust Hgt:	1.751-1.781" (44.475-45.237 MM)	
Casting Numbers:	Head #:061, 14, 15, 16, 422466, 492466, 4C, 4X, 50, 5C, 6H, 6X, 9795945					
	Block #: 481988, 499864, 500557, 9799914					
Notes:	PONTIAC, 4BBL					
GM	6.6	400	T		72-77	
Intake Hgt:	1.7510-1.7810" (44.475-45.237 MM)			Exhaust Hgt:	1.7510-1.7810" (44.475-45.237 MM)	
Casting Numbers:	Head #:061, 14, 15, 16, 422466, 492466, 4C, 4X, 50, 500762, 5C, 6H, 6X, 9795945					
	Block #: 481988, 568557					
Notes:	PONTIAC, 4BBL					
GM	6.6	401	B.		59-66	
Intake Hgt:	1.9700-2.0000" (50.038-50.8 MM) *			Exhaust Hgt:	1.9700-2.0000" (50.038-50.8 MM) *	
Casting Numbers:	Head #:1185485, 1190415, 1196914, 1374603, 1376912					
	Block #: 1185404, 1185484, 1196546, 1345404, 1349046, 1364705, 1364714					
Notes:	BUICK					
Comments:	* MEASURE NEXT-VALVE GUIDE IN RECESS AREA. FROM VALVE COVER RAIL-TIP OF VALVE IS 1.540" NOMINAL. ** FACTORY VALVES GUIDES HAVE A BUILT IN TAPER .001" BIG ON THE CHAMBER SIDE. 03-17-04 MC					
GM	6.6	402			70-72	
Intake Hgt:	2.0950-2.1250" (53.213-53.975 MM)			Exhaust Hgt:	2.0950-2.1250" (53.213-53.975 MM) *	
Casting Numbers:	Block #:3968854, 3999290, 6272177					
Notes:	GEN IV, BIG BLOCK CHEVY					
Comments:	* HEADS WITH ROTATORS USE 2.3450-2.3750" ROCKER RATIO 1.7:1					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
GM 8 Cylinders (cont.)						
GM	6.6	403	1	TRUCK	01-05	LB7
New Height:	3.818-3.819" (96.997-97.002 MM) REPORTED			Min Height:	MOST WE HAVE SEEN TAKEN OFF IS .	
Intake Hgt:	2.041-2.048" (51.841-52.019 MM) **			Exhaust Hgt:	2.041-2.048" (51.841-52.019 MM) **	
Intake Pro / Rec:	.025-.050" V/REC (.634-1.270 MM)			Exhaust Pro / Rec:	.033-.058" V/REC (.838-1.473 MM)	
Castings Numbers:	Head #:8GF15872					
Notes:	DURAMAX DIESEL, TURBO, 90° V-8, 4 VALVES PER CYL					
Comments:	* USE NEW M12 BOLTS					
GM	6.6	403	K		77-77	
Intake Hgt:	2.0160-2.0460" (51.206-51.968 MM)			Exhaust Hgt:	2.0160-2.0460" (51.206-51.968 MM)	
Castings Numbers:	Head #:495354, 544717, 554717 Block #: 554990, 55726-4B, 557265, 557265-4					
Notes:	OLDSMOBILE, 4BBL					
GM	6.6	403	K		78-79	
Intake Hgt:	2.0160-2.0460" (51.206-51.968 MM)			Exhaust Hgt:	2.0160-2.0460" (51.206-51.968 MM)	
Castings Numbers:	Head #:544717, 554717 Block #: 554990, 55726-4B, 557265, 557265-4, 557893					
Notes:	OLDSMOBILE, 4BBL					
GM	6.6	403	R		77-81	
New Height:	.3861" (9.807 MM)					
Intake Hgt:	2.016-2.046" (51.206-51.968 MM)			Exhaust Hgt:	2.016-2.046" (51.206-51.968 MM)	
Castings Numbers:	Head #:544717, 554717 Block #: 554990, 55726-4B, 557265, 557265-4, 557893					
Notes:	OLDSMOBILE					
GM	6.7	409			59-66	
Intake Hgt:	2.1570-2.1870" (54.788-55.55 MM) *			Exhaust Hgt:	2.1570-2.1870" (54.788-55.55 MM) *	
Castings Numbers:	Head #:3781147, 3794129, 3795586, 3797776, 3813678, 3814678, 3814690, 3814881, 3815643, 3815857, 3819333, 3822928, 3824690, 3830623, 3830817, 3830831, 3837731, 3837733, 3840690, 3844463, 3844464, 3844465, 3844472, 3852583, 3853875 Block #: 3788068, 3795623, 3798962, 3830614, 3830814, 3839752, 3839754, 3844422, 3857656, 3857666, 3860386					
Notes:	CHEVROLET					
Comments:	* SOME VALVE HEIGHTS ARE 1.8700-1.9000" TRUCK ALSO					
GM	6.9	421	P	BONNEVILLE	61-66	
Intake Hgt:	1.7510-1.7810" (44.475-45.237 MM)			Exhaust Hgt:	1.7510-1.7810" (44.475-45.237 MM)	
Castings Numbers:	Head #:091, 092, 093, 1185485, 1190415, 1196914, 75, 76, 77, 9770716 Block #: 384, 693, 9773157, 9773384, 9778155, 9782611					
Notes:	PONTIAC GRAND PRIX, BONNEVILLE, CATALINA					
GM	6.9	421	P	BONNEVILLE	61-66	
Intake Hgt:	1.7510-1.7810" (44.475-45.237 MM)			Exhaust Hgt:	1.7510-1.7810" (44.475-45.237 MM)	
Castings Numbers:	Head #:0187, 091, 092, 093, 16, 187, 416, 62, 64, 67, 671, 75, 76, 77, 9770716, 9787670, 9791216, 9795048 Block #: 693, 86135, 9773157, 9773384, 9778155, 9778785, 9778791, 9782611, 9792281, 9792968					
Notes:	PONTIAC GRAND PRIX, BONNEVILLE, CATALINA					
GM	7.0	425	B		63-66	
Intake Hgt:	1.9700-2.0000" (50.038-50.8 MM) *			Exhaust Hgt:	1.9700-2.0000" (50.038-50.8 MM) *	
Castings Numbers:	Head #:1185485, 1190415, 1196914, 1374603, 1376912 Block #: 1340146, 1354713, 1354714, 1364704, 1364705, 1364707					
Notes:	BUICK					
Comments:	* MEASURE NEXT-GUIDE IN RECESS, OR 1.540" FROM THE ROCKER COVER RAIL.					
GM	7.0	425	O		65-67	
Intake Hgt:	1.8760-1.9060" (47.65-48.412 MM)			Exhaust Hgt:	1.8760-1.9060" (47.65-48.412 MM)	
Castings Numbers:	Head #:230342, 383521, 383821, 389395, 394190, 394548, 396055, 403606 Block #: 289244D, 386525, 386525A, 389244, 3892440					
Notes:	OLDSMOBILE					
Comments:	* OVERALL LENGTH STARFIRE: INT 4.593, EXH 4.587					
GM	7.0	425	S		77-79	
New Height:	N/A					
Intake Hgt:	2.0300-2.0600" (51.562-52.324 MM)			Exhaust Hgt:	2.0300-2.0600" (51.562-52.324 MM)	
Castings Numbers:	Head #:1609112, 1609423 Block #: 1609110					
Notes:	4BC, CADILLAC					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
GM						8 Cylinders (cont.)
GM	7.0	425	T			77-79
Intake Hgt:	2.0300-2.0600" (51.562-52.324 MM)			Exhaust Hgt:	2.0300-2.0600" (51.562-52.324 MM)	
Castings Numbers:	Head #:1609112, 1609423 Block #: 1609110					
Notes:	EFI, CADILLAC					
GM	7.0	427	L			66-90
Intake Hgt:	2.0630-2.0930" (52.4-53.162 MM) *			Exhaust Hgt:	2.2510-2.2810" (57.175-57.937 MM) *	
Castings Numbers:	Head #:10052901, 10052902, 14081052, 14087052, 14092359, 1479831, 206, 208, 215, 2986133, 330864, 330865, 330866, 330867, 336765, 336768, 343771, 343772, 366765, 373772, 3804390, 3856206, 3856208, 3856213, 3872702, 3873858, 3876875, 3904390, 3904391, 3904392, 3904393, 3909802, 3917215, 3917218, 3917219, 3919328, 3919391, 3919838, 3919839, 3919840, 3919842, 3931063, 3931068, 3933148, 3933149, 3935401, 3946074, 3964280, 3964290, 3964291, 3975950, 3986133, 3986135, 3986136, 3986139, 473328, 695318, 696031, 702 Block #: 340220, 364776, 3855961, 3869942, 3874470, 3904351, 3906691, 3916321, 3925521, 3935439, 3937723, 3937726, 3946052, 3955270, 3955276, 3955977, 3963512, 3963516, 3969858, 3999294, 473478, 6272181					
Notes:	GEN IV					
Comments:	* EARLY ENGINES STEM HGT: EXHAUST=2.0950-2.1250, INTAKE=2.000-2.030					
GM	7.0	427	M			91-96 LRO
Intake Hgt:	2.0630-2.0930" (52.4-53.162 MM) *			Exhaust Hgt:	2.2510-2.2810" (57.175-57.937 MM) *	
Castings Numbers:	Head #:10101137, 10101140 Block #: 10114184					
Notes:	GEN V, CHEVROLET, GMC, LRO, TRUCK					
Comments:	* EARLY ENGINES USE 2.0950-2.1250" FOR VALVE I/S/H 1992-> 2.340-2.355" FOR INSTALLED STEM HEIGHT WITH ROTATORS ON BOTH VALVES.					
GM	7.0	427	Y/E	CORVETTE	-06	LS7
New Height:	5.0354" (127.900 MM)					
Notes:	CORVETTE Z06 SPECIAL EDITION					
GM	7.0	428	P			67-69
Intake Hgt:	1.9700-2.0000" (50.038-50.8 MM)			Exhaust Hgt:	2.2825-2.3125" (57.976-58.738 MM)	
Castings Numbers:	Head #:0187, 16, 187, 416, 62, 64, 67, 671, 9787670, 9791216, 9795048 Block #: 545887, 86135, 9456135, 9778785, 9778791, 9792281, 9792968					
Notes:	PONTIAC					
GM	7.0	429	CAD			63-67
Intake Hgt:	1.9070-1.9370" (48.438-49.2 MM)			Exhaust Hgt:	1.9070-1.9370" (48.438-49.2 MM) *	
Castings Numbers:	Head #:1479831, 1481395, 1484240, 1485240, 1486250 Block #: 1435158, 1481283, 1481586, 1482536, 1482586, 1482588, 1485156, 1495156, 3632948					
Notes:	CADILLAC					
Comments:	* BEFORE SERIAL #113970, INSTALLED HEIGHT IS 2.030-2.060"					
GM	7.0	430	B			67-69
Intake Hgt:	2.0900-2.1200" (53.086-53.848 MM)			Exhaust Hgt:	2.0900-2.1200" (53.086-53.848 MM)	
Castings Numbers:	Head #:1231109, 1233472, 1382091, 1382983, 1382985, 1382986, 1384720 Block #: 1381625, 1383424, 1383434					
Notes:	BUICK					
Comments:	OIL FEED THROUGH ROCKER ARM SHAFT OR PUSH ROD					
GM	7.4	454	J			96-00 L29
Intake Hgt:	2.3250-2.3550" (59.055-59.817 MM)			Exhaust Hgt:	2.3250-2.3550" (59.055-59.817 MM)	
Castings Numbers:	Head #:10114156, 10141279, 12363391, 12550313, 12560241 Block #: 10114182, 10134366, 10237297, 24502504					
Notes:	GEN V, P/UP, K3500, GEN SETS					
Comments:	* WITH ROTATOR 1.125-1.130					
GM	7.4	454	L			75-76
Intake Hgt:	2.0950-2.1250" (53.213-53.975 MM) *			Exhaust Hgt:	2.3450-2.3750" (59.563-60.325 MM) *	
Castings Numbers:	Head #:10114156, 14008145, 1408145, 14092360, 330865, 336781, 346236, 353049, 361959, 3964290, 3986136, 3993820, 39938241, 3999241, 6272292 Block #: 14015445, 361959, 364776, 3869942, 3916321, 3963512, 3999289					
Notes:	GEV IV, 4BC					
Comments:	* I/S/H W/ROTATOR 2.125-2.130 THE INSTALLED VALVE HEIGHT WITHOUT ROTATOR & GUIDE HEIGHT OF 1.160-1.200" ON THE EXHAUST.					
GM	7.4	454	N			87-90
Intake Hgt:	2.2750-2.3050" (57.785-58.547 MM)			Exhaust Hgt:	2.3250-2.3550" (59.055-59.817 MM)	
Castings Numbers:	Head #:10052902, 10114156, 14025175, 14081045, 1408145, 14092360, 14096188, 346236 Block #: 10051107, 10069286, 10134366, 10185050, 12550313, 14015445, 361959, 364776					
Notes:	GEN IV, TBI					
Comments:	*GUIDE HEIGHT WITH ROTATOR 1.125-1.130"					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
GM						8 Cylinders (cont.)
GM	7.4	454	N		91-97	
Intake Hgt:	2.3250-2.3550" (59.055-59.817 MM)			Exhaust Hgt:	2.3250-2.3550" (59.055-59.817 MM)	
 Casting Numbers:	Head #:10114156, 12550313 Block #: 10114182, 10134366, 10237297, 12550313, 14015445, 24502504					
Notes:	GEN V, TBI					
Comments:	* WITH ROTATOR 1.125-1.130" ** 1994-> USE BOLT DOWN ROCKER, TORQUE=40 FT/LBS LBS.					
GM	7.4	454	S		76-79	
Intake Hgt:	2.0000-2.0300" (50.8-51.562 MM) *			Exhaust Hgt:	2.2510-2.2810" (57.175-57.937 MM) *	
 Casting Numbers:	Head #:10114156, 14025175, 14081045, 1408145, 14092360, 330864, 336781, 343771, 343772, 346236, 348238, 353049, 361959, 3856206, 386781, 3964290, 3986133, 3986136, 3993820, 6272292 Block #: 10069286, 14015445, 361959, 364776, 3869942, 3916321, 3963512, 399289, 3999289					
Notes:	GEN IV, 4BC					
Comments:	* OR INT = 1.9700-2.0000" AND EXH = 2.2810-2.3120"					
GM	7.4	454	S		80-81	
Intake Hgt:	2.0000-2.0300" (50.8-56.642 MM)			Exhaust Hgt:	2.2510-2.2810" (57.175-57.937 MM)	
 Casting Numbers:	Head #:14025175, 14081045, 1408145, 14092360, 336781, 343772, 346236, 353049, 361959, 6272292 Block #: 10069286, 14015445, 361959, 364776, 3869942, 3916321, 3963512, 3999289					
Notes:	GEN IV, 4BC					
GM	7.4	454	W		80-86	
Intake Hgt:	2.0000-2.0300" (50.8-51.562 MM)			Exhaust Hgt:	2.3200-2.3500" (58.928-59.69 MM)	
 Casting Numbers:	Head #:14025175, 14081045, 1408145, 14092360, 330864, 336781, 343771, 343772, 346236, 348238, 353049, 361959, 3856206, 3986133, 3986136, 3993820, 6272292 Block #: 10069286, 14015445, 361959, 364776, 3869942, 3916321, 3963512, 3999289					
Notes:	GEN IV, 4BC					
GM	7.4	454	W		87-90	
Intake Hgt:	2.3250-2.3550" (59.055-59.817 MM)			Exhaust Hgt:	2.3250-2.3550" (59.055-59.817 MM)	
 Casting Numbers:	Head #:10052902, 14025175, 14081045, 1408145, 14092360, 346236, 361959 Block #: 10069286, 14015445, 361959, 364776, 3869942, 3916321, 3963512, 3999289					
Notes:	GEN IV, TBI					
GM	7.4	454	Y		76-78	
Intake Hgt:	2.3250-2.3550" (59.055-59.817 MM)			Exhaust Hgt:	2.3250-2.3550" (59.055-59.817 MM)	
 Casting Numbers:	Head #:14025175, 14081045, 1408145, 14092360, 330864, 336781, 343771, 343772, 346236, 348238, 353049, 361959, 3856206, 386781, 3986133, 3986136, 3993820, 6272292 Block #: 10069286, 14015445, 361959, 364776					
Notes:	GEV IV, 4BC					
GM	7.4	454	Z		70-75	
Intake Hgt:	2.1500-2.1900" (54.61-55.626 MM) *			Exhaust Hgt:	2.150-2.190" (54.610-55.626 MM)	
 Casting Numbers:	Head #:14025175, 14081045, 1408145, 215, 330864, 336765, 336781, 343771, 343772, 346236, 352625, 353049, 361959, 373783, 383021, 386781, 389395, 394548, 3946074, 395458, 3964280, 3964290, 3964291, 3964292, 3986133, 3986136, 3993820, 39938241, 3994025, 3994026, 3996074, 3999241, 6258723, 6272292, 6272990 Block #: 10069286, 14015445, 345014, 3450144, 346236, 359070, 361959, 364776, 3869942, 3916321, 3963512, 3963513, 399289, 3999289, 3999293					
Notes:	GEN IV, 4BC					
Comments:	* SOME HEADS ARE INT, 1.9380-1.9680"					
GM	7.5	455	B		70-76	
Intake Hgt:	2.0320-2.0620" (51.613-52.375 MM) *			Exhaust Hgt:	2.0320-2.062" (51.613-52.375 MM) *	
 Casting Numbers:	Head #:1231786, 1237661, 1238145, 1238148, 1240149, 1240150, 1241860, 1242445, 1246332 Block #: 1231738, 1238861, 1241735					
Notes:	BUICK VIN P, R, T, U, V, W					
Comments:	* SOME HEADS MEASURE 2.095-2.125" ** SOME INTAKE VALVES ARE 2.220" WITHOUT DAMPER					
GM	7.5	455	P		70-76	
Intake Hgt:	1.780-1.810" (45.212-45.974 MM)			Exhaust Hgt:	1.780-1.810" (45.212-45.974 MM)	
 Casting Numbers:	Head #:15, 16X, 191, 4C, 4X, 6, 66, 7F6, 7L4, 7M4, 7M5, 98 Block #: 483677, 485428, 500813, 9799140					
Notes:	PONTIAC					
Comments:	* LEAK DOWN RATE 20-90 SECONDS WITH A 50 LB LOAD					
GM	7.5	455	R		68-76	
New Height:	3.851" (98.069 MM)					
Intake Hgt:	2.0160-2.0460" (51.206-51.968 MM)			Exhaust Hgt:	2.0160-2.0460" (51.206-51.968 MM) *	
 Casting Numbers:	Head #:1-394548, 1-403686, 1-409100, 1-409100, 1-409100, 1-411783, 1-413191, 1-5, 394548, 400370, 403686, 404438, 409100, 409100, 409160, 413191 Block #: 231788L, 396021, 396021F, 396021FA					
Notes:	OLDSMOBILE, HI & LOW COMPRESSION					
Comments:	* HEADS W/O ROTATORS 1.8760-1.9060					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
GM						8 Cylinders (cont.)
GM	7.5	455	S		74-76	
New Height:	3.8610" (98.069 MM)					
Intake Hgt:	2.0160-2.0460" (51.206-51.968 MM)			Exhaust Hgt:	2.0160-2.0460" (51.206-51.968 MM) *	
Casting Numbers:	Head #:230342, 395458, 400109, 400370, 403686, 404438, 409100, 409160, 411783, 413191 Block #: 231386, 231788L, 396021, 396021F					
Notes:	2&4BC,OLDSMOBILE,LO COMPRESSION, ALSO VIN T,U,V,W					
Comments:	* HEADS W/O ROTATORS 1.8760-1.9060					
GM	7.5	455	T		74-76	
New Height:	3.851" (98.069 MM)					
Intake Hgt:	2.0160-2.0460" (51.206-51.968 MM)			Exhaust Hgt:	2.0160-2.0460" (51.206-51.968 MM) *	
Casting Numbers:	Head #:230342, 395458, 400109, 400370, 403686, 404438, 409100, 409160, 411783, 413191 Block #: 231386, 231788L, 396021, 396021F					
Notes:	4BC, OLDSMOBILE					
Comments:	* HEADS W/O ROTATORS 1.8760-1.9060					
GM	7.5	455	U		74-74	
New Height:	3.851" (98.069 MM)					
Intake Hgt:	2.0160-2.0460" (51.206-51.968 MM)			Exhaust Hgt:	2.0160-2.0460" (51.206-51.968 MM) *	
Casting Numbers:	Head #:230342, 395458, 400109, 400370, 403686, 404438, 409100, 409160, 411783, 413191 Block #: 231386, 231788L, 396021, 396021F					
Notes:	4BC, OLDSMOBILE					
Comments:	* HEADS W/O ROTATORS 1.8760-1.9060					
GM	7.5	455	V		74-74	
New Height:	3.851" (98.069 MM)					
Intake Hgt:	2.0160-2.0460" (51.206-51.968 MM)			Exhaust Hgt:	2.0160-2.0460" (51.206-51.968 MM) *	
Casting Numbers:	Head #:230342, 395458, 400109, 400370, 403686, 404438, 409100, 409160, 411783, 413191 Block #: 231386, 231788L, 396021, 396021F					
Notes:	4BC, OLDSMOBILE					
Comments:	* HEADS W/O ROTATORS 1.8760-1.9060					
GM	7.5	455	W		71-76	
Intake Hgt:	1.7800-1.8100" (45.212-45.974 MM)			Exhaust Hgt:	1.7800-1.8100" (45.212-45.974 MM)	
Casting Numbers:	Head #:15, 16X, 191, 4C, 4X, 6, 66, 7F6, 7L4, 7M4, 7M5, 98 Block #: 455, 483677, 485428, 500813					
Notes:	PONTIAC					
Comments:	* LEAK DOWN RATE 20-90 SECONDS WITH A 50 POUND LOAD.					
GM	7.5	455	W		72-75	
New Height:	3.8610" (98.069 MM)					
Intake Hgt:	2.0160-2.0460" (51.206-51.968 MM)			Exhaust Hgt:	2.0160-2.0460" (51.206-51.968 MM) *	
Casting Numbers:	Head #:230342, 393021, 395458, 395458, 400109, 403686, 404438, 409100, 409160, 411783, 413191, 694543 Block #: 0, 231386, 231788L, 396021, 396021F					
Notes:	4BC, OLDSMOBILE					
Comments:	* HEADS W/O ROTATORS 1.8760-1.9060					
GM	7.5	455	X & Y		71-76	
Intake Hgt:	1.780-1.810" (45.212-45.974 MM)			Exhaust Hgt:	1.780-1.810" (45.212-45.974 MM)	
Casting Numbers:	Head #:15, 15, 191, 191, 4C, 4X, 6, 6, 66, 66, 7F6, 7L4, 7M3, 7M5, 98 Block #: 455, 485428, 500813					
Notes:	PONTIAC					
Comments:	* LEAK DOWN RATE 20-90 SECONDS WITH A 50 LB LOAD.					
GM	7.7	472	R		68-74	
Intake Hgt:	2.0300-2.0600" (51.562-52.324 MM)			Exhaust Hgt:	2.0300-2.0600" (51.562-52.324 MM)	
Casting Numbers:	Head #:1486250, 1488280, 1495950, 1497902, 3633123, 3633450, 3633544 Block #: 145200, 148238, 1485156, 1486238, 1495200, 195200, 3633568, 3633955					
Notes:	4BC, CADILLAC					
GM	8.1	496	E		01-04	
New Height:	3.377" CENTER BOLT HOLE, 1.377" OUTER BO					Min Height: NOT SUPPLIED BY OEM
Intake Hgt:	2.290-2.312" (58.166-58.725 MM) *			Exhaust Hgt:	2.290-2.312" (58.166-58.725 MM) *	
Notes:	SFI, MEDIUM DUTY TRUCK					
Comments:	* REPORTED INSTALLED STEM HEIGHT.					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
GM						
8 Cylinders (cont.)						
GM	8.1	496	G	SAVANA	01-04	
New Hgt:	3.377" CENTER BOLT HOLE, 1.377 OUTER BO			Min Height:	NOT SUPPLIED BY OEM	
Intake Hgt:	2.290-2.312" (58.166-58.725 MM) *			Exhaust Hgt:	2.290-2.312" (58.166-58.725 MM) *	
Castings Numbers:	Head #: 12558162 Block #: 12558110					
Notes:	SFI, SAVANA , SIERRA 2500					
Comments:	* REPORTED INSTALLED STEM HGT					
GM	8.2	500			70-73	
Intake Hgt:	2.0300-2.0600" (51.562-52.324 MM)			Exhaust Hgt:	2.0300-2.0600" (51.562-52.324 MM)	
Castings Numbers:	Head #: 1486250, 1497902, 1602493, 3633544, 3633964 Block #: 145200, 148238, 1486238, 1495200, 195200, 3633568, 3633955					
Notes:	4BC, CADILLAC					
GM	8.2	500	F		80-91	
New Height:	4.5150" (114.681 MM)			Min Height:	4.5000" (114.3 MM)	
Intake Hgt:	2.3000-2.3500" (58.42-59.69 MM)			Exhaust Hgt:	2.3000-2.3500" (58.42-59.69 MM)	
Intake Pro / Rec:	.000-.035" V/REC (-.889 MM)			Exhaust Pro / Rec:	.000-.035" V/REC (-.889 MM)	
Castings Numbers:	Head #: 23500471, 8921437, 8921470, 8921471, 8922747, 8922929 Block #: 8921444					
Notes:	DDC DIESEL, 4 CYCLE, NON-TURBO					
Comments:	HEADS SHOULD BE PRESSURE CHECKED WITH THE INJECTOR INSTALLED, WITH 20 PSI AIR PRESSURE					
GM	8.2	500	G		80-91	
New Height:	4.5150" (114.681 MM)			Min Height:	4.5000" (114.3 MM)	
Intake Hgt:	2.3000-2.3500" (58.42-59.69 MM)			Exhaust Hgt:	2.3000-2.3500" (58.42-59.69 MM)	
Intake Pro / Rec:	.000-.035" V/REC (-.889 MM)			Exhaust Pro / Rec:	.000-.035" V/REC (-.889 MM)	
Castings Numbers:	Head #: 23500471, 8921437, 8921470, 8921471, 8922747, 8922929 Block #: 8921444					
Notes:	DDC DIESEL, 4 CYCLE, TURBO					
GM	8.2	500	S		70-76	
Intake Hgt:	2.0300-2.0600" (51.562-52.324 MM)			Exhaust Hgt:	2.0300-2.0600" (51.562-52.324 MM)	
Castings Numbers:	Head #: 1486250, 1497902, 1602493, 1609552, 3633544, 3633964 Block #: 148238, 1494300, 1495200, 195200, 3633955					
Notes:	4BC, CADILLAC					
GM	8.2	502		ENGINE 502	96-01	HO 502
Intake Hgt:	2.040-2.070" (51.816-52.578 MM)			Exhaust Hgt:	2.040-2.070" (51.816-52.578 MM)	
Castings Numbers:	Head #: 12562934, 14097088 Block #: 10237300, 14096859					
Notes:	CRATE ENGINE 502 GEN VI CAST IRON RECTANGULAR PORT					
HANOMAG						
4 Cylinders						
HANOMAG	6.3	387		D942		D942
Intake Pro / Rec:	.020-.060" V/REC (.508-1.524 MM)			Exhaust Pro / Rec:	.020-.060" V/REC (.508-1.524 MM)	
Notes:	GERMAN DIESEL, MASSEY FERGUSON 44C					
HANOMAG						
6 Cylinders						
HANOMAG	9.5	580		D962B		D962B
Intake Pro / Rec:	.020-.060" V/REC (.508-1.524 MM)			Exhaust Pro / Rec:	.020-.060" V/REC (.508-1.524 MM)	
Notes:	GERMAN DIESEL, MASSEY FERGUSON D600C					
HANOMAG	9.5	580		D962K		D962K
Intake Pro / Rec:	.078" MIN (2.000 MM)			Exhaust Pro / Rec:	.020-.060" V/REC (.500-1.500 MM)	
Notes:	DIESEL, DIR INJ, SAME AS D962B EXCEPT FOR HEAD SPECS					
HANOMAG	10.8	660		D963B		D963B
Intake Pro / Rec:	.020-.060" V/REC (.508-1.524 MM)			Exhaust Pro / Rec:	.020-.060" V/REC (.508-1.524 MM)	
Notes:	GERMAN DIESEL					
HARLEY DAVIDSON						
2 Cylinders						
HARLEY DAVIDSON	0.9	54				
Intake Hgt:	1.375-1.420" TIP TO STEP ON GUIDE			Exhaust Hgt:	1.375-1.420" TIP TO STEP ON GUIDE	
Notes:	900CC SPORTSTER XL, XLH, XLCH					
HARLEY DAVIDSON	1.2	74			55-65	
Intake Hgt:	1.500-1.545" TIP TO STEP ON GUIDE			Exhaust Hgt:	1.500-1.545" TIP TO STEP ON GUIDE	
Notes:	OHV, FOUR CYCLE, AIR COOLED, FL & FLH					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
HARLEY DAVIDSON						2 Cylinders (cont.)
HARLEY DAVIDSON	1.2	74		SHOVELHEAD	78-84	
Intake Hgt: 1.600-1.645" (40.640-41.780 MM) *				Exhaust Hgt: 1.600-1.645" (40.640-41.780 MM) *		
Notes: AIR COOLED, 4-STROKE, 45r, V-TWIN, 1200CC						
Comments: * INSTALLED STEM HEIGHT MEASURE WITHOUT VALVE SEAT.						
HARLEY DAVIDSON	1.3	82		SHOVELHEAD	78-84	
Intake Hgt: 1.600-1.645" (40.640-41.780 MM) *				Exhaust Hgt: 1.600-1.645" (40.640-41.780 MM) *		
Notes: AIR COOLED, 4-STROKE, 45r, V-TWIN, 1340CC						
Comments: * INSTALLED STEM HEIGHT MEASURED WITHOUT VALVE SEAT.						
HATZ						2 Cylinders
HATZ	1.1	64		Z782		Z782
Intake Pro / Rec: .018-.033 V/PRO (.450-.850 MM)				Exhaust Pro / Rec: .018-.033 V/PRO (.450-.850 MM)		
Notes: DIESEL, 4 STROKE, DIRECT INJ						
HATZ	1.2	70		Z788		Z788
Intake Pro / Rec: .020-.035" V/REC (.500-.900 MM)				Exhaust Pro / Rec: .020-.035" V/REC (.500-.900 MM)		
Notes: DIESEL, 4 STROKE, DIRECT INJ						
HATZ	1.3	78		Z789		Z789 & Z790
Intake Pro / Rec: .020-.035" V/REC (.500-.900 MM)				Exhaust Pro / Rec: .020-.035" V/REC (.500-.900 MM)		
Notes: DIESEL, 4 STROKE, DIRECT INJ, MODEL Z789 & Z790						
HATZ						4 Cylinders
HATZ	2.9	179		L31		4L31
Intake Pro / Rec: .033-.067" V/REC				Exhaust Pro / Rec: .033-.067" V/REC		
Notes: DIESEL, 4L31 & 4M31, 4 STROKE, DIR INJ						
HERCULES						3 Cylinders
HERCULES	2.1	130		GO-130		GO-130
Intake Pro / Rec: .094" MAX V/REC (2.388 MM)				Exhaust Pro / Rec: .094" MAX V/REC (2.388 MM)		
Casting Numbers: Block #:L261010						
Notes: STD CRANKSHAFT						
HERCULES	2.4	149		D-1500		D-1500
Intake Pro / Rec: .020-.030" V/REC (.508-.762 MM)				Exhaust Pro / Rec: .035-.045" V/REC (.889-1.143 MM)		
Notes: DIESEL						
HERCULES	2.4	149		GO-149		GO-149
Intake Pro / Rec: .094" MAX V/REC (2.388 MM)				Exhaust Pro / Rec: .094" MAX V/REC (2.388 MM)		
Casting Numbers: Block #:L261010						
Notes: STD CRANKSHAFT						
HERCULES	2.4	149		GO-149H		GO-149H
Intake Pro / Rec: .094" MAX V/REC (2.388 MM)				Exhaust Pro / Rec: .094" MAX V/REC (2.388 MM)		
Notes: HEAVY DUTY CRANKSHAFT						
HERCULES	2.8	169		D-1700		D-1700
Intake Pro / Rec: .020-.030" V/REC (.508-.762 MM)				Exhaust Pro / Rec: .035-.045" V/REC (.889-1.143 MM)		
Notes: DIESEL						
HERCULES	2.8	169		GO-169		GO-169
Intake Pro / Rec: .094" MAX V/REC (2.388 MM)				Exhaust Pro / Rec: .094" MAX V/REC (2.388 MM)		
Notes: STD CRANKSHAFT						
HERCULES	2.8	169		GO-169H		GO-169H
Intake Pro / Rec: .094" MAX V/REC (2.388 MM)				Exhaust Pro / Rec: .094" MAX V/REC (2.388 MM)		
Notes: HEAVY DUTY CRANKSHAFT						
HERCULES						4 Cylinders
HERCULES	2.2	133		DIX-4-B		DIX-4-B
Intake Pro / Rec: .020-.025" V/REC (.508-.635 MM)				Exhaust Pro / Rec: .020-.025" V/REC (.508-.635 MM)		
Notes: DIX SERIES						
HERCULES	2.7	163	F	G1600		G1600
Intake Hgt: 2.170-2.175" (55.118-55.245 MM) *				Min Height: 3.903" REPORTED (99.136 MM)		
				Exhaust Hgt: 2.170-2.175" (55.118-55.245 MM) *		
Casting Numbers: Head #:100590, 20205, 20265, 3341, 4020205, 40-20205 Block #: 2000300, 40-2000200, 402022501, 48-2088200, V40-2000300						
Notes: FORKLIFT USED BY CAT AND DAEWOO						
Comments: * REPORTED 2.170-2.175" (55.118-55.245 MM) MEMBER #1865 9-23-03 MC ** .002 IN ANY 6.00 INCHES						

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
HERCULES				4 Cylinders		(cont.)
HERCULES	2.7	166		DIX-4-D		DIX-4-D
Intake Pro / Rec: .020-.025" V/REC (.508-.635 MM)			Exhaust Pro / Rec: .020-.025" V/REC (.508-.635 MM)			
Notes: DIX SERIES						
HERCULES	3.2	199		D-2000		D-2000
Intake Pro / Rec: .019-.031" V/REC (.483-.787 MM)			Exhaust Pro / Rec: .024-.047" V/REC (.61-1.194 MM)			
Intake Pro / Rec: Head #:266200E						
Notes: 2000 DIESEL						
HERCULES	3.3	198		GO-198		GO-198
Intake Pro / Rec: .094" MAX V/REC (2.388 MM)			Exhaust Pro / Rec: .094" MAX V/REC (2.388 MM)			
Notes: SIDE PLUG, STD CRANKSHAFT						
HERCULES	3.3	198		GO-198A		GO-198A
Intake Pro / Rec: .094" MAX V/REC (2.388 MM)			Exhaust Pro / Rec: .094" MAX V/REC (2.388 MM)			
Intake Pro / Rec: Head #:K255220E						
Notes: CENTER PLUG, STD CRANKSHAFT						
HERCULES	3.3	198		GO-198AH		GO-198AH
Intake Pro / Rec: .094" MAX V/REC (2.388 MM)			Exhaust Pro / Rec: .094" MAX V/REC (2.388 MM)			
Notes: CENTER PLUG, HEAVY DUTY CRANKSHAFT						
HERCULES	3.3	199		D-2000		D-200
Intake Pro / Rec: .020-.030" V/REC (.508-.762 MM)			Exhaust Pro / Rec: .035-.045" V/REC (.889-1.143 MM)			
Intake Pro / Rec: Head #:266200E						
Notes: DIESEL						
HERCULES	3.3	199		DOOB		DOOB
Intake Pro / Rec: .002-.007" V/REC (.051-.178 MM)			Exhaust Pro / Rec: .002-.007" V/REC (.051-.178 MM)			
Notes: DOO SERIES						
HERCULES	3.3	199		G2000		G2000
Intake Pro / Rec: .0875-.1035" PRO (2.223-2.629 MM)			Exhaust Pro / Rec: .0875-.1035" PRO (2.223-2.629 MM)			
Notes: GAS						
HERCULES	3.5	212		D2120		D2120
Intake Pro / Rec: .019-.031" V/REC (.483-.787 MM)			Exhaust Pro / Rec: .024-.047" V/REC (.61-1.194 MM)			
Intake Pro / Rec: Head #:266200E						
Notes: D2120 DIESEL						
HERCULES	3.7	226		D-2300		D-2300
Intake Pro / Rec: .020-.030" V/REC (.508-.762 MM)			Exhaust Pro / Rec: .035-.045" V/REC (.889-1.143 MM)			
Intake Pro / Rec: Head #:266200E						
Intake Pro / Rec: Block #: B4030019						
Notes: DIESEL						
HERCULES	3.7	226		DOOC		DOOC
Intake Pro / Rec: .002-.007" V/REC (.051-.178 MM)			Exhaust Pro / Rec: .002-.007" V/REC (.051-.178 MM)			
Notes: DOO SERIES						
HERCULES	3.7	226		G2300		G2300
Intake Pro / Rec: .0875-.1035" PRO (2.223-2.629 MM)			Exhaust Pro / Rec: .0875-.1035" PRO (2.223-2.629 MM)			
Notes: GAS						
HERCULES	3.7	226		GO-226		GO-226
Intake Pro / Rec: .094" MAX V/REC (2.388 MM)			Exhaust Pro / Rec: .094" MAX V/REC (2.388 MM)			
Notes: SIDE PLUG, STD CRANKSHAFT						
HERCULES	3.7	226		GO-226A		GO-226A
Intake Pro / Rec: .094" MAX V/REC (2.388 MM)			Exhaust Pro / Rec: .094" MAX V/REC (2.388 MM)			
Notes: CENTER PLUG, STD CRANKSHAFT						
HERCULES	3.7	226		GO-226AH		GO-226AH
Intake Pro / Rec: .094" MAX V/REC (2.388 MM)			Exhaust Pro / Rec: .094" MAX V/REC (2.388 MM)			
Notes: CENTER PLUG, HEAVY DUTY CRANKSHAFT						
HERCULES	3.7	226	DT	D		SERIES I
New Height: 3.750" (95.25 MM)			Min Height: 3.740" (94.996 MM)			
Intake Pro / Rec: .020-.030" V/REC (.508-.762 MM)			Exhaust Pro / Rec: .035-.045" V/REC (.889-1.143 MM)			
Intake Pro / Rec: Head #:1359						
Notes: SERIES I, TURBO DIESEL, MODEL D						

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
HERCULES				4 Cylinders		(cont.)
HERCULES	3.7	226	DT(2)	D		SERIES II
New Height:	3.750" (95.25 MM)			Min Height:	3.740" (94.996 MM)	
Intake Pro / Rec:	.020-.030" V/REC (.508-.762 MM)			Exhaust Pro / Rec:	.035-.045" V/REC (.889-1.143 MM)	
Casting Numbers:	Head #:1359					
Notes:	SERIES II, TURBO DIESEL, MODEL D					
HERCULES	4.2	255		DOOD		DOOD
Intake Pro / Rec:	.002-.007" V/REC (.051-.178 MM)			Exhaust Pro / Rec:	.002-.007" V/REC (.051-.178 MM)	
Notes:	DOO SERIES					
HERCULES				6 Cylinders		
HERCULES	4.1	249		DIX-6-D		DIX-6-D
Intake Pro / Rec:	.020-.025" V/REC (.508-.635 MM)			Exhaust Pro / Rec:	.020-.025" V/REC (.508-.635 MM)	
Notes:	DIX SERIES					
HERCULES	4.3	260		DJXB		DJXB
Intake Pro / Rec:	.002-.007" V/REC (.051-.178 MM)			Exhaust Pro / Rec:	.002-.007" V/REC (.051-.178 MM)	
Notes:	DJ SERIES					
HERCULES	4.5	272		DIX-6-272		DIX-6-272
Intake Pro / Rec:	.020-.025" V/REC (.508-.635 MM)			Exhaust Pro / Rec:	.020-.025" V/REC (.508-.635 MM)	
Notes:	DIX SERIES					
HERCULES	4.9	298		D-3000		D-3000
Intake Pro / Rec:	.020-.030" V/REC (.508-.762 MM)			Exhaust Pro / Rec:	.035-.045" V/REC (.889-1.143 MM)	
Notes:	DIESEL, WHITE					
HERCULES	4.9	298		DH-3000		DH-3000
Intake Pro / Rec:	.021" V/REC (.533 MM)			Exhaust Pro / Rec:	.021" V/REC (.533 MM)	
Notes:	DH SERIES					
HERCULES	4.9	298		DJXC	55-60	DJXC
Intake Pro / Rec:	.002-.007" V/REC (.051-.178 MM)			Exhaust Pro / Rec:	.002-.007" V/REC (.051-.178 MM)	
Casting Numbers:	Block #:77201-E					
Notes:	DJ SERIES					
HERCULES	4.9	298		DJXH		DJXH
Intake Pro / Rec:	.002-.007" V/REC (.051-.178 MM)			Exhaust Pro / Rec:	.002-.007" V/REC (.051-.178 MM)	
Notes:	DJ SERIES					
HERCULES	4.9	298		DJXH-F		DJXH-F
Intake Pro / Rec:	.002-.007" V/REC (.051-.178 MM)			Exhaust Pro / Rec:	.002-.007" V/REC (.051-.178 MM)	
Notes:	DJ SERIES					
HERCULES	4.9	298		G-298		G-298
Intake Pro / Rec:	.094" MAX V/REC (2.388 MM)			Exhaust Pro / Rec:	.094" MAX V/REC (2.388 MM)	
Notes:	CENTER PLUG, STD CRANKSHAFT					
HERCULES	4.9	298		G-298H		G-298H
Intake Pro / Rec:	.094" MAX V/REC (2.388 MM)			Exhaust Pro / Rec:	.094" MAX V/REC (2.388 MM)	
Notes:	CENTER PLUG, HEAVY DUTY CRANKSHAFT					
HERCULES	4.9	298		G3000		G3000
Intake Pro / Rec:	.0875-.1035" PRO (2.223-2.629 MM)			Exhaust Pro / Rec:	.0875-.1035" PRO (2.223-2.629 MM)	
Notes:	GAS					
HERCULES	4.9	298		GO-298		GO-298
Intake Pro / Rec:	.094" MAX V/REC (2.388 MM)			Exhaust Pro / Rec:	.094" MAX V/REC (2.388 MM)	
Notes:	SIDE PLUG, STD CRANKSHAFT					
HERCULES	5.5	339	D	G3400		G3400
New Height:	3.7500-3.7520" (95.25-95.301 MM)					
Intake Pro / Rec:	.020-.035" V/REC (.508-.889 MM)			Exhaust Pro / Rec:	.035-.045" V/REC (.889-1.143 MM)	
Casting Numbers:	Head #:283200, 288200E, 2932					
Notes:	G3400 DIESEL					
HERCULES	5.6	339		D-3400		D-3400
Intake Pro / Rec:	.020-.030" V/REC (.508-.762 MM)			Exhaust Pro / Rec:	.035-.045" V/REC (.889-1.143 MM)	
Casting Numbers:	Head #:283200, 2932					
Notes:	DIESEL					
Comments:	OLD STYLE ROCKER SHAFTS OIL HOLE STRAIGHT DOWN TOWARDS CYLINDER HEAD, LATE STYLE OIL HOLE DOWN BUT IS SLIGHTLY ANGLED TOWARDS THE PUSH ROD SIDE OF THE CYLINDER HEAD.					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
HERCULES				6 Cylinders (cont.)		
HERCULES	5.6	339		DJXD		DJXD
Intake Pro / Rec:		.002-.007" V/REC (.051-.178 MM)		Exhaust Pro / Rec:		.002-.007" V/REC (.051-.178 MM)
Notes: DJ SERIES						
HERCULES	5.6	339		G-339		G-339
Intake Pro / Rec:		.094" MAX V/REC (2.388 MM)		Exhaust Pro / Rec:		.094" MAX V/REC (2.388 MM)
Notes: CENTER PLUG, STD CRANKSHAFT						
HERCULES	5.6	339		G-339H		G-339H
Intake Pro / Rec:		.094" MAX V/REC (2.388 MM)		Exhaust Pro / Rec:		.094" MAX V/REC (2.388 MM)
Notes: CENTER PLUG, HEAVY DUTY CRANKSHAFT						
HERCULES	5.6	339		G3400		G3400
New Height:		3.7500-3.7520" (95.25-95.301 MM)		Exhaust Pro / Rec:		.0875-.1035" PRO (2.223-2.629 MM)
Intake Pro / Rec:		.0875-.1035" PRO (2.223-2.629 MM)				
Casting Numbers:		Head #:288200E, UB3326384				
Notes: GAS						
HERCULES	5.6	339		GO-339		GO-339
Intake Pro / Rec:		.094" MAX V/REC (2.388 MM)		Exhaust Pro / Rec:		.094" MAX V/REC (2.388 MM)
Notes: SIDE PLUG, STD CRANKSHAFT						
HERCULES	5.6	339	JXLD			
New Height:		FLAT HEAD APPL.				
Casting Numbers:		Head #:3660 Block #: M44567E				
Comments: * IN BLOCK						
HERCULES	7.8	478		D-4800		D-4800
Intake Pro / Rec:		.019-.032" V/REC (.483-.813 MM)		Exhaust Pro / Rec:		.019-.032" V/REC (.483-.813 MM)
Casting Numbers:		Head #:11610699				
Notes: NATURALLY ASPERATED						
HERCULES	7.8	478		D-4800T		D-4800T
Intake Pro / Rec:		.019-.031" V/REC (.483-.787 MM)		Exhaust Pro / Rec:		.019-.032" V/REC (.483-.813 MM)
Casting Numbers:		Head #:11610699				
Notes: TURBOCHARGED						
HERCULES	7.8	478		D5000		D5000
Intake Pro / Rec:		.019-.032" V/REC (.483-.813 MM)		Exhaust Pro / Rec:		.019-.032" V/REC (.483-.813 MM)
Casting Numbers:		Head #:11610699				
HERCULES				8 Cylinders		
HERCULES	24.1	1,468		DNX-V8D		DNX-V8D
Intake Pro / Rec:		.030-.035" V/REC (.762-.889 MM)		Exhaust Pro / Rec:		.050-.055" V/REC (1.27-1.397 MM)
Notes: STANDARD						
HERCULES	24.1	1,468		DNX-V8DS		DNX-V8DS
Intake Pro / Rec:		.030-.035" V/REC (.762-.889 MM)		Exhaust Pro / Rec:		.050-.055" V/REC (1.27-1.397 MM)
Notes: SUPERCHARGED						
HINO				4 Cylinders		
HINO	3.8	234		W04C-T	88-92	
New Height:		3.4250" (86.995 MM)		Min Height:		3.4180" (86.817 MM)
Intake Pro / Rec:		.002-.014" V/PRO (.051-.356 MM)		Exhaust Pro / Rec:		.018-.030" V/REC (.457-.762 MM)
Notes: DIESEL						
HINO	5.3	324		J05C-TD	02-05	J05C-TD
Intake Pro / Rec:		.021-.033" V/REC (.550-.850 MM) *		Exhaust Pro / Rec:		.041-.053" V/REC (1.050-1.350 MM) *
Notes: DIESEL, OHC, 4 VALVES PER CYLINDER, DIR INJ						
Comments: * MAX V/REC: INT=.063" (1.100 MM), EXH=1.063" (1.600 MM)						
HINO				6 Cylinders		
HINO	6.0	364		W06E	86-87	W06E
New Height:		3.4250" (86.995 MM)		Min Height:		3.4180" (86.817 MM)
Intake Pro / Rec:		.002-.014" V/PRO (.051-.356 MM)		Exhaust Pro / Rec:		.018-.030" V/REC (.457-.762 MM)
Notes: FD DIESEL 16 SERIES NON TURBO						

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
HINO				6 Cylinders (cont.)		
HINO	6.4	393		EH700		EH700
New Height:	3.7400" (94.996 MM)			Min Height:	3.7280" (94.691 MM)	
Intake Pro / Rec:	.002-.020" V/REC (.051-.508 MM)			Exhaust Pro / Rec:	.010-.031" V/REC (.254-.787 MM)	
Casting Numbers:	Head #:196063927					
Notes:	EH700 DIESEL					
HINO	6.5	396		HO6	85-96	HO6
New Height:	3.7400" (94.996 MM)			Min Height:	3.7280" (94.691 MM)	
Intake Pro / Rec:	.002-.020" V/REC (.051-.508 MM)			Exhaust Pro / Rec:	.010-.031" V/REC (.254-.787 MM)	
Casting Numbers:	Head #:1631					
Notes:	DIESEL					
HINO	6.7	411		HO7	84-90	HO7C
New Height:	3.7400" (94.996 MM)			Min Height:	3.7280" (94.691 MM)	
Intake Pro / Rec:	.002-.020" V/REC (.051-.508 MM)			Exhaust Pro / Rec:	.010-.031" V/REC (.254-.787 MM)	
Casting Numbers:	Head #:196063927					
Notes:	HO7C DIESEL FD17					
HINO	7.8	480		EL100		EL100
New Height:	4.0945" (104.000 MM)			Min Height:	4.0827" (103.700 MM)	
Intake Pro / Rec:	.000-.008" V/REC (.000-.200 MM)			Exhaust Pro / Rec:	.000-.008" V/REC (.000-.200 MM)	
Notes:	DIESEL					
HINO	8.0	486		J08	02-03	J08
Intake Pro / Rec:	.021-.033" V/REC (.550-.850 MM) *			Exhaust Pro / Rec:	.041-.053" V/REC (1.050-1.350 MM) *	
Notes:	DIESEL, J08C-TP & J08C-TR, 24 VALVE OHC					
Comments:	* MAX V/REC: INT=.063" (1.100 MM), EXH=1.063" (1.600 MM).					
HINO	8.8	538		EP100T		EP100T
Intake Pro / Rec:	.0078-.0276" V/REC (.198-.070 MM)			Exhaust Pro / Rec:	.0078-.0276" V/REC (.198-.070 MM)	
Notes:	TURBO DIESEL, OHV, WATER COOLED DIRECT INJECTION					
HINO	9.4	575		EM100	81-90	
New Height:	4.094" (103.988 MM)			Min Height:	4.083" (103.708 MM)	
Intake Pro / Rec:	.000-.027" V/REC (-.686 MM)			Exhaust Pro / Rec:	.000-.027" V/REC (-.686 MM)	
Notes:	TRUCK					
Comments:	* 45,65,85 FT/LBS FOR BOLTS THRU ROCKERS, 55 FT/LBS FOR THE SMALLER BOLTS, 175-188 FOR OTHERS					
HINO	13.3	809		EK100		EK100
New Height:	4.650" (118.000 MM)			Min Height:	4.630" (117.700 MM)	
Intake Pro / Rec:	.030-.039" V/REC (.750-1.000 MM)			Exhaust Pro / Rec:	.018-.028" V/REC (.450-.700 MM)	
Notes:	DIESEL, OHV, DIRECT INJECTION					
Comments:	CAST IRON HEAD. * MEASURED FROM THE HEAD GASKET SURFACE TO GUIDE.					
HONDA				4 Cylinders		
HONDA	1.2	75	EB1	CIVIC	73-79	EB1
New Height:	3.350" (85.09 MM)					
Casting Numbers:	Block #:EB, EB-2, EB-3					
Notes:	SOHC, 2BC, 1169CC					
HONDA	1.2	75	EB2	CIVIC	74-77	EB2
New Height:	3.350" (85.09 MM)					
Casting Numbers:	Block #:EB, EB-2, EB-3					
Notes:	SOHC, 2BC, 1237CC					
HONDA	1.2	75	EB3	CIVIC	78-79	EB3
New Height:	2.350" (59.69 MM)					
Casting Numbers:	Block #:EB, EB-2, EB-3					
Notes:	SOHC, 2BC, 1237CC					
HONDA	1.3	79		CIVIC	04-05	
New Height:	4.720-4.728" (119.900-120.100 MM)			Exhaust Hgt:	1.819-1.835" (46.200-46.600 MM)	
Intake Hgt:	1.815-1.831" (46.100-46.500 MM)					
Notes:	CIVIC, 1.3L HYBRID					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
HONDA				4 Cylinders (cont.)		
HONDA	1.3	79	D13A2		87	D13A2
New Height:	3.5400" (89.916 MM)			Min Height:	3.5300" (89.662 MM)	
Intake Hgt:	1.8960-1.9270" (48.158-48.946 MM) *			Exhaust Hgt:	1.8960-1.9270" (48.158-48.946 MM) *	
Casting Numbers:	Head #:PEO2-2V Block #: EJ-1, EV-1					
Notes:	3BC					
Comments:	*AUX VALVE:SEAT WIDTH .014-.040,LENGTH 3.500-3.516STEM DIAM .2570-.2583 ST-GUIDE CLEAR .001-.002 ** EX HEAD DIAMETER FOR FUEL INJECTED 1.295-1.303					
HONDA	1.3	79	EJ	CIVIC	81-83	EJ
New Height:	3.5650-3.5700" (90.551-90.678 MM)			Min Height:	3.5500" (90.17 MM)	
Casting Numbers:	Block #:EJ-1					
Notes:	SOHC, 3BC, CIVIC 1300 CVCC					
Comments:	AUX VLV:SEAT WDTHTH.014-.039,MARGIN.091,LGTH 3.811,STEM DIAM.2580-.2593,ST-GUIDE CLEAR.0009-.0023					
HONDA	1.3	79	EJ1		78-80	EJ1
New Height:	3.5650-3.5700" (90.551-90.678 MM)			Min Height:	3.5500" (90.17 MM)	
Casting Numbers:	Block #:EJ-1					
Notes:	3BC					
Comments:	*AUX VLV:SEAT WDTHTH.014-.039,MARGIN.091,LGTH 3.524,STEM DIAM.2150-.2160,ST-GUIDE CLEAR.0009-.0023					
HONDA	1.3	79	EJ1		83	EJ1
New Height:	3.5650-3.5700" (90.551-90.678 MM)			Min Height:	3.5500" (90.17 MM)	
Casting Numbers:	Block #:EJ-1					
Notes:	3BC					
Comments:	*AUX VLV:SEAT WDTHTH.014-.039,MARGIN .091,LGTH 3.69STEM DIAM .2580-.2593,ST-GUIDE CLEAR.0009-.0023					
HONDA	1.3	82	EV1	CIVIC	84	EV1
New Height:	3.5650-3.5700" (90.551-90.678 MM)			Min Height:	3.5500" (90.17 MM)	
Casting Numbers:	Head #:PEO2-2V Block #: EV-1					
Notes:	3BC, CIVIC					
Comments:	*AUX VLV:SEAT WDTHTH.014-.040,LNGTH 4.431,STEM DIAM.2570-.2583,ST-GUIDE CLEAR.0009-.0023					
HONDA	1.3	82	EV1		85-87	EV1
New Height:	3.5650-3.5700" (90.551-90.678 MM)			Min Height:	3.5500" (90.17 MM)	
Casting Numbers:	Block #:EV-1					
Notes:	3BC					
Comments:	AUX VLV:SEAT WDTHTH.014-.040,LNGTH 4.431,STEM DIAM.2570-.2583,ST-GUIDE CLEAR.0009-.0023 ***2 INTAKE VALVES ARE USED PER CYLINDER					
HONDA	1.5	91	D15A2	CIVIC	87-91	D15A2
New Height:	3.5400" (89.916 MM)			Min Height:	3.5200" (89.408 MM)	
Intake Hgt:	1.8960-1.9270" (48.158-48.946 MM)			Exhaust Hgt:	1.8960-1.9270" (48.158-48.946 MM)	
Casting Numbers:	Head #:PEO-1, PEO-2, PEO-3, PEO-4, PEO-5, PEO-7					
Notes:	3BC, CIVIC					
Comments:	*AUX VLV:SEAT WDTHTH.014-.040,LNGTH 3.500-3.516,STEM DIAM .2570-.2583, ST-GUIDE CLEAR .001-.002					
HONDA	1.5	91	D15A3		87	D15A3
New Height:	3.5400" (89.916 MM)			Min Height:	3.5200" (89.408 MM)	
Intake Hgt:	1.896-1.927" (48.158-48.946 MM)			Exhaust Hgt:	1.896-1.927" (48.158-48.946 MM)	
Casting Numbers:	Head #:PE7					
Notes:	EFI					
Comments:	*AUX VLV:SEAT WDTHTH.014-.040,LNGTH 3.500-3.516, STEM DIAM.2570-.2583,ST-GUIDE CLEAR.001-.002					
HONDA	1.5	91	D15B1	CIVIC	88-91	D15B1
New Height:	3.7380-3.7420" (94.945-95.047 MM)			Min Height:	3.7300" (94.742 MM)	
Intake Hgt:	1.8500-1.8680" (46.99-47.447 MM)			Exhaust Hgt:	1.9280-1.9460" (48.971-49.428 MM)	
Casting Numbers:	Head #:PM9-3, PM9-5					
Notes:	SOHC, TBI, 8 VALVE HEAD					
Comments:	* MINIMUM MARGIN: INTAKE .026, EXHAUST .037					
HONDA	1.5	91	D15B2	CIVIC	88-91	D15B2
New Height:	3.7380-3.7420" (94.945-95.047 MM)			Min Height:	3.7300" (94.742 MM)	
Intake Hgt:	1.8500-1.8680" (46.99-47.447 MM)			Exhaust Hgt:	1.9280-1.9460" (48.971-49.428 MM)	
Casting Numbers:	Head #:PM3-3, PM3-5, PM3-6, PM3-8, PM3-9, PM8-12, PM9-2 Block #: D15B2					
Notes:	SOHC, TBI, 16 VALVE HEAD					
Comments:	* INTAKE SPRINGS ARE DARKER IN COLOR					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
HONDA				4 Cylinders (cont.)		
HONDA	1.5	91	D15B6	CRX	88-91	D15B6
New Height:	3.738-3.742" (94.945-95.047 MM)			Exhaust Hgt:	1.928-1.946" (48.971-49.428 MM)	
Intake Hgt:	1.850-1.868" (46.99-47.447 MM)					
Casting Numbers:	Head #:PM8-2 Block #: D15B6					
Notes:	SOHC, 8 VALVE, MFI, CRX HF (HIGH FUEL), CIVIC,					
HONDA	1.5	91	D15B7	CIVIC	92-95	D15B7
New Height:	3.738-3.742" (94.945-95.047 MM)			Min Height:	3.730" (94.742 MM)	
Intake Hgt:	1.8500-1.8720" (46.99-47.549 MM)			Exhaust Hgt:	1.9279-1.9465" (48.969-49.441 MM)	
Casting Numbers:	Head #:PM5-1, PM9-5					
Notes:	SOHC, MFI, 16 VALVE, CIVIC					
Comments:	* MIN MARGIN: INT .026, EXH .037					
HONDA	1.5	91	D15B8	CIVIC	92-95	D15B8
New Height:	3.738-3.742" (94.945-95.047 MM)			Min Height:	3.730" (94.742 MM)	
Intake Hgt:	1.8500-1.8720" (46.99-47.549 MM)			Exhaust Hgt:	1.9279-1.9465" (48.969-49.441 MM)	
Casting Numbers:	Head #:PM8-2 Block #: D15B8					
Notes:	SOHC, MFI, 8 VALVE, CIVIC					
HONDA	1.5	91	D15Z1	CIVIC	92-95	D15Z1
New Height:	3.659-3.663" (92.939-93.04 MM)			Min Height:	3.651" (92.735 MM)	
Intake Hgt:	2.093-2.112" (53.162-53.645 MM)			Exhaust Hgt:	2.093-2.112" (53.162-53.645 MM)	
Casting Numbers:	Head #:PO7-1 Block #: D15Z1					
Notes:	SOHC, VTEC-E, 16 VALVE, CIVIC					
HONDA	1.5	91	ED1	CIVIC	75-75	ED1
				Min Height:	3.550" (90.17 MM)	
Notes:	SOHC, 3BC, CIVIC 1500 CVCC, ED1 & 2					
Comments:	*AUX VLV:SEAT WDTN .022,MARGIN .040,LANGTH 3.561-3.665,STEM DIAM .2150-.2170,ST-GUID CLR .0010-.0020					
HONDA	1.5	91	ED2		75-76	ED2
				Min Height:	3.550" (90.17 MM)	
Notes:	3BC					
Comments:	*AUX VLV:SEAT WDTN .022,MARGIN .040,LANGTH 3.561-3.665,STEM DIAM .2150-.2170,ST-GUID CLR .0010-.0020					
HONDA	1.5	91	ED3	CIVIC	76-79	ED3
New Height:	3.5650-3.5700" (90.551-90.678 MM)			Min Height:	3.5500" (90.17 MM)	
Notes:	SOHC, 3BC, CIVIC 1500 CVCC					
Comments:	*AUX VLV:SEAT WDTN.022,MARGIN.040,LANGTH3.470-3.482STEM DIAM.2150-.2170,ST-GUID CLR.0010-.0020					
HONDA	1.5	91	ED3	CIVIC	78-79	ED3
New Height:	3.5650-3.5700" (90.551-90.678 MM)			Min Height:	3.5500" (90.17 MM)	
Notes:	3BC, CIVIC					
Comments:	*AUX VLV:SEAT WDTN .022,MARGIN .085,LANGTH 3.521-3.525,STEM DIAM .2150-.2170,ST-GUID CLR .0010-.0020					
HONDA	1.5	91	ED4	CIVIC	76-79	ED4
New Height:	3.5650-3.5700" (90.551-90.678 MM)			Min Height:	3.5500" (90.17 MM)	
Notes:	SOHC, 3BC, CIVIC 1500 CVCC					
Comments:	*AUX VLV:SEAT WDTN .022,MARGIN. 040,LANGTH 3.561-3.665 STEM DIAM .2150-.2170,ST-GUID CLR .0010-.0020					
HONDA	1.5	91	ED4	CIVIC	77-79	ED4
New Height:	3.5650-3.5700" (90.551-90.678 MM)			Min Height:	3.5500" (90.17 MM)	
Notes:	SOHC, 3BC, CIVIC 1500 CVCC					
Comments:	*AUX VLV:SEAT WDTN .022,MARGIN .040,LANGTH 3.470-3.482 STEM DIAM .2150-.2170,ST-GUID CLR .0010-.0020					
HONDA	1.5	91	ED4	CIVIC	78-79	ED4
New Height:	3.5650-3.5700" (90.551-90.678 MM)			Min Height:	3.5500" (90.17 MM)	
Notes:	SOHC, 3BC, CIVIC 1500 CVCC					
Comments:	*AUX VLV:SEAT WDTN .022,MARGIN .085,LANGTH 3.521-3.525,STEM DIAM .2150-.2170,ST-GUID CLR .0010-.0020					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
HONDA				4 Cylinders (cont.)		
HONDA	1.5	91	EM1	CIVIC	80-80	EM1
New Height:	3.5650-3.5700" (90.551-90.678 MM)			Min Height:	3.5500" (90.17 MM)	
Intake Hgt:	1.700" (43.18 MM)			Exhaust Hgt:	1.700" (43.18 MM)	
Casting Numbers:	Block #:EM-1					
Notes:	SOHC, 3BC, CIVIC 1500 CVCC					
Comments:	*AUX VLV:SEAT WIDTH .014-.039,MARGIN .091,LENGTH 3.846,STEM DIAM .2580-.2593,ST-GUID CLR .0009-.0023					
HONDA	1.5	91	EM1	CIVIC	81-82	EM1
New Height:	3.5650-3.5700" (90.551-90.678 MM)			Min Height:	3.5500" (90.17 MM)	
Intake Hgt:	1.7000" (43.18 MM)			Exhaust Hgt:	1.7000" (43.18 MM)	
Casting Numbers:	Head #:PA6-1 Block #: EM-1					
Notes:	SOHC, 3BC, 8 VALVE HEAD, CIVIC 1500					
Comments:	*AUX VLV:SEAT WIDTH .014-.039,MARGIN .091,LENGTH 3.693,STEM DIAM .2580-.2593,ST-GUID CLR .0009-.0023					
HONDA	1.5	91	EM1	CIVIC	83	EM1
New Height:	3.5650-3.5700" (90.551-90.678 MM)			Min Height:	3.5500" (90.17 MM)	
Intake Hgt:	1.7000" (43.18 MM)			Exhaust Hgt:	1.7000" (43.18 MM)	
Casting Numbers:	Head #:PA5-3, PA6-1 Block #: EM-1					
Notes:	3BC, CIVIC					
Comments:	*AUX VLV:SEAT WIDTH .014-.039,MARGIN .091,LENGTH 3.690,STEM DIAM .2580-.2593,ST-GUID CLR .0009-.0023 **AUX. VALVE .006" COLD					
HONDA	1.5	91	EW1	CIVIC	84-87	EW1
New Height:	3.5420-3.5460" (89.967-90.068 MM)			Min Height:	3.5350" (89.789 MM)	
Intake Hgt:	1.8960-1.9270" (48.158-48.946 MM)			Exhaust Hgt:	1.8960-1.9270" (48.158-48.946 MM)	
Casting Numbers:	Head #:24, EW, PEO-1, PEO-2, PEO-3, PEO-4, PEO-5, PEO-6, PEO-7, PEO-8 Block #: D15A2, ED, ED-1, ED-2, ED-3, ED-4, EM-1, EW-1					
Notes:	3BC, CIVIC, CRX, 12 VALVE HEAD					
Comments:	AUX. VALVE STEM DIA. .2587-.2593" & LASH .007-.009					
HONDA	1.5	91	EW1	CRX	85-87	EW1
New Height:	3.5420-3.5460" (89.967-90.068 MM)			Min Height:	3.5350" (89.789 MM)	
Intake Hgt:	1.8960-1.9270" (48.158-48.946 MM)			Exhaust Hgt:	1.8960-1.9270" (48.158-48.946 MM)	
Casting Numbers:	Head #:PEO-2, PEO2-2V, PEO-4, PEO-6					
Notes:	3BC, CRX HF (HIGH FUEL), 8 VALVE HEAD					
Comments:	AUX. VALVE STEM DIA. .2587-.2593" & LASH .007-.009					
HONDA	1.5	91	EW3	CIVIC	85-86	EW3
New Height:	3.5700" (90.678 MM)			Min Height:	3.5500" (90.17 MM)	
Intake Hgt:	1.8960-1.9270" (48.158-48.946 MM)			Exhaust Hgt:	1.8960-1.9270" (48.158-48.946 MM)	
Casting Numbers:	Head #:24, EM-1, EW, PE7, PEO-22 5, PEO-3, PEO-5, PEO-7 Block #: ED, ED-1, ED-2, ED-3, ED-4, EM-1, EW-3					
Notes:	EFI, CIVIC, 12 VALVE, CRX SI					
Comments:	AUX. VALVE STEM DIA. .2587-.2593"					
HONDA	1.5	91	EW4	CIVIC	84-87	EW4
New Height:	3.5700" (90.678 MM)			Min Height:	3.5500" (90.17 MM)	
Intake Hgt:	1.8960-1.9270" (48.158-48.946 MM)			Exhaust Hgt:	1.8960-1.9270" (48.158-48.946 MM)	
Casting Numbers:	Head #:24, EM-1, EW, PEO-3, PEO-5, PEO-7 Block #: D15A3, ED, ED-1, ED-2, ED-3, ED-4, EM-1, EW-4					
Notes:	SOHC, EFI, CIVIC, 12 VALVE					
Comments:	AUX VALVE STEM DIAM .2587-.2593					
HONDA	1.6	97	B16A2	CIVIC	96-00	B16A2
New Height:	5.589-5.593" (141.950-142.050 MM)			Exhaust Hgt:	1.4632-1.4817" (37.165-37.635 MM)	
Intake Hgt:	1.4750-1.4935" (37.465-37.935 MM)					
Notes:	DOHC, MFI, VTEC, CIVIC SI, DEL SOL					
Comments:	* INNER SPRING FREE LENGTH: NIHON MFG=1.652" (41.960 MM), CHUO MFG=1.651" (41.940 MM)					
HONDA	1.6	97	B16A3	CIVIC	95-00	B16A3
New Height:	5.589-5.593" (141.961-142.062 MM)			Min Height:	5.581" (141.757 MM)	
Intake Hgt:	1.475-1.494" (37.465-37.948 MM)			Exhaust Hgt:	1.463-1.482" (37.16-37.643 MM)	
Casting Numbers:	Head #:PR34, PR3-4					
Notes:	DOHC, VTEC, 16 VALVE, CIVIC,DEL SOL					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
HONDA				4 Cylinders (cont.)		
HONDA	1.6	97	D16A6	CIVIC	88-91	D16A6
New Height:	3.7380-3.7420" (94.945-95.047 MM)			Min Height:	3.7300" (94.742 MM)	
Intake Hgt:	1.8490-1.8780" (46.965-47.701 MM)			Exhaust Hgt:	1.9270-1.9560" (48.946-49.682 MM)	
Casting Numbers:	Head #: PM3-1, PM3-4, PM3-7, PM3-8, PM9-3 Block #: D16A6, EF-1, EF-2, PM6					
Notes:	SOHC, 16V, MFI, CIVIC, 4WD WAGON, CRX SI					
Comments:	* SEE TB 2225.					
HONDA	1.6	97	D16Y5	CIVIC	96-00	D16Y5
New Height:	3.659-3.663" (92.939-93.04 MM)			Min Height:	3.651" (92.735 MM)	
Intake Hgt:	2.093-2.112" (53.162-53.645 MM)			Exhaust Hgt:	2.093-2.112" (53.162-53.645 MM)	
Casting Numbers:	Block #: D16Y5					
Notes:	SOHC, VTEC, 16 VALVE, CIVIC HX 3DR					
HONDA	1.6	97	D16Y7	CIVIC	96-00	D16Y7
New Height:	3.659-3.663" (92.939-93.04 MM)			Min Height:	3.651" (92.735 MM)	
Intake Hgt:	2.093-2.112" (53.162-53.645 MM)			Exhaust Hgt:	2.093-2.112" (53.162-53.645 MM)	
Casting Numbers:	Head #: P2F-HA-2, P2F-HA-3, P2F-HA-4, P2F-HA-7 Block #: D16Y7					
Notes:	SOHC, NON-VTEC, 16 VALVE, 1590 CC, 106 HP					
HONDA	1.6	97	D16Y8	CIVIC	96-03	D16Y8
New Height:	3.659-3.663" (92.939-93.04 MM)			Min Height:	3.651" (92.735 MM)	
Intake Hgt:	2.093-2.112" (53.162-53.645 MM)			Exhaust Hgt:	2.093-2.112" (53.162-53.645 MM)	
Casting Numbers:	Head #: P2J-2, P2J-3, P2J-4, P2J-6, P2J-7 Block #: D16Y8					
Notes:	SOHC, VTEC, 16 VALVE, CIVIC					
HONDA	1.6	97	D16Z6	CIVIC	92-95	D16Z6
New Height:	3.659-3.663" (92.939-93.04 MM)			Min Height:	3.651" (92.735 MM)	
Intake Hgt:	2.093-2.112" (53.162-53.645 MM)			Exhaust Hgt:	2.093-2.112" (53.162-53.645 MM)	
Casting Numbers:	Head #: PO8-2, PO8-3, PO8-4 Block #: D16Z6					
Notes:	SOHC, VTEC, 16 VALVE, 1590 CC'S, 125 HP, CIVIC					
HONDA	1.6	98	EF1		76-78	EF1
New Height:	3.5650-3.5700" (90.551-90.678 MM)			Min Height:	3.5500" (90.17 MM)	
Notes:	SOHC, 3BC, ACCORD CVCC					
Comments:	AUX VLV: LNGTH 3.508-3.539, STEM DIA .2150-.2160, STEM-GUIDE CLR .0010-.0023					
HONDA	1.7	102	D17A1	CIVIC	01-03	D17A1
New Height:	3.659-3.663" (92.950-93.050 MM)			Exhaust Hgt:	2.093-2.112" (53.170-53.640 MM)	
Intake Hgt:	2.093-2.112" (53.170-53.640 MM)					
Notes:	SOHC, MFI, CIVIC DX/LX					
HONDA	1.7	102	D17A2	CIVIC	01-04	D17A2
New Height:	3.659-3.663" (92.950-93.050 MM)			Min Height:	3.651" (92.735 MM)	
Intake Hgt:	2.093-2.112" (53.170-53.640 MM) *			Exhaust Hgt:	2.093-2.112" (53.170-53.640 MM) *	
Notes:	SOHC, VTEC-E, CIVIC EX COUPE					
Comments:	* VALVE STEM INSTALLED HGT SERVICE LIMIT=2.122" (53.890 MM)					
HONDA	1.8	107	EK1	ACCORD	79-80	EK1
New Height:	3.5650-3.5700" (90.551-90.678 MM)			Min Height:	3.5500" (90.17 MM)	
Intake Hgt:	1.683-1.714" (42.748-43.536 MM)			Exhaust Hgt:	1.683-1.714" (42.748-43.536 MM)	
Notes:	SOHC, 3BC, ACCORD CVCC					
Comments:	AUX VLV: SEAT WDTN .008-.028, LNGTH 3.508-3.539, STEM DIA .2570-.2593, ST-GUIDE CLR .0009-.0023					
HONDA	1.8	107	EK1	ACCORD	80-80	EK1
New Height:	3.5650-3.5700" (90.551-90.678 MM)			Min Height:	3.5500" (90.17 MM)	
Intake Hgt:	1.683-1.714" (42.748-43.536 MM)			Exhaust Hgt:	1.683-1.714" (42.748-43.536 MM)	
Casting Numbers:	Block #: EK-1					
Notes:	SOHC, 3BC, ACCORD CVCC					
Comments:	AUX VLV: SEAT WDTN .008-.028, LNGTH 3.508-3.539, STEM DIA .2570-.2593, ST-GUIDE CLR .0009-.0023					
HONDA	1.8	107	EK1	ACCORD	81-82	EK1
New Height:	3.5650-3.5700" (90.551-90.678 MM)			Min Height:	3.5500" (90.17 MM)	
Intake Hgt:	1.683-1.714" (42.748-43.536 MM)			Exhaust Hgt:	1.683-1.714" (42.748-43.536 MM)	
Casting Numbers:	Block #: EK-1					
Notes:	SOHC, 3BC, CVCC ACCORD, PRELUDE					
Comments:	AUX VLV: SEAT WDTN .008-.028, LNGTH 3.670-3.700, STEM DIA .2570-.2593, ST-GUIDE CLR .0009-.0023					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
HONDA				4 Cylinders (cont.)		
HONDA	1.8	107	EK1	ACCORD	83-83	EK1
New Height:	3.5650-3.5700" (90.551-90.678 MM)			Min Height:	3.5500" (90.17 MM)	
Intake Hgt:	1.683-1.714" (42.748-43.536 MM)			Exhaust Hgt:	1.683-1.714" (42.748-43.536 MM)	
Casting Numbers:	Block #:EK-1					
Notes:	SOHC, 3BC, CVCC ACCORD, PRELUDE					
Comments:	AUX VLV:SEAT WDTN .014-.039, LNGTH 3.670-3.700, STEM DIA .2570-.2593, ST-GUIDE CLR .0009-.0023					
HONDA	1.8	110	A18A1	ACCORD	87	A18A1
New Height:	3.5400" (89.916 MM)			Min Height:	3.5300" (89.662 MM)	
Intake Hgt:	1.9130-1.9430" (48.59-49.352 MM)			Exhaust Hgt:	1.8760-1.9060" (47.65-48.412 MM)	
Casting Numbers:	Head #:PC7, RC7 Block #: EK-1					
Notes:	2-1BC, ACCORD, PRELUDE					
HONDA	1.8	112	ES1	ACCORD	83-84	ES1
New Height:	3.5433" (90.000 MM)			Min Height:	3.5350" (89.800 MM)	
Intake Hgt:	1.9130-1.9430"			Exhaust Hgt:	1.8760-1.9060"	
Casting Numbers:	Head #:PC6C					
Notes:	2-1BC ACCORD NO JET VALVES					
HONDA	1.8	112	ES2	ACCORD	83-84	ES2
New Height:	3.5433" (90.000 MM)			Min Height:	3.5350" (89.800 MM)	
Intake Hgt:	1.9429 MAX" (49.35 MM)			Exhaust Hgt:	1.9059 MAX" (48.41 MM)	
Casting Numbers:	Block #:ES-2					
Notes:	SOHC, 3BC, CVCC ACCORD 1984, PRELUDE					
Comments:	AUX VLV: SEAT WDTN .014-.019, LNGTH 3.898-3.874, STEM DIA 2.587-2.593, ST-GUIDE CLR .001-.002					
HONDA	1.8	112	ES3	ACCORD	85-85	ES3
New Height:	3.5433" (90.000 MM)			Min Height:	3.5350" (89.800 MM)	
Casting Numbers:	Block #:ES-3					
Notes:	SOHC, EFI, 12 VALVE, ACCORD SEI, WITH JET VALVES					
Comments:	AUX VLV: SEAT WDTN .014-.019, LNGTH 3.898-3.874, STEM DIA 2.587-2.593, ST-GUID CLEAR .001-.002 ***2 INT VALVES USED PER CYLINDER					
HONDA	1.8	112	ET2	PRELUDE	84-86	ET2
New Height:	3.5650-3.5750" (90.551-90.805 MM)			Min Height:	3.5500" (90.17 MM)	
Intake Hgt:	1.8200-1.8600" (46.228-47.244 MM)			Exhaust Hgt:	1.8200-1.8600" (46.228-47.244 MM)	
Casting Numbers:	Head #:PC7 Block #: A18A1, ET-2					
Notes:	SOHC, 2BC, 12 VALVE, ACCORD NO JET VALVES					
Comments:	AUX VLV :SEAT WDTN.014-.019, LNGTH 3.898-3.874, STEM DIA 2.587-2.593, ST-GUIDE CLR .001-.002 ***2 INT VALVES USED PER CYLINDER.					
HONDA	2.0	119	A20A1	ACCORD	87-89	A20A1
New Height:	3.5430" (89.992 MM)			Min Height:	3.5350" (89.789 MM)	
Intake Hgt:	1.9130-1.9430" (48.59-49.352 MM)			Exhaust Hgt:	1.8760-1.9060" (47.65-48.412 MM)	
Casting Numbers:	Head #:6228, 6908, PJO Block #: A20A1					
Notes:	SOHC, 2BC, ACCORD					
Comments:	12 VALVE HEAD					
HONDA	2.0	119	A20A3	ACCORD	87-89	A20A3
New Height:	3.5430" (89.992 MM)			Min Height:	3.5350" (89.789 MM)	
Intake Hgt:	1.9130-1.9430" (48.59-49.352 MM)			Exhaust Hgt:	1.8760-1.9060" (47.65-48.412 MM)	
Casting Numbers:	Head #:6908, PJO Block #: A20A3					
Notes:	SOHC, MFI, 12 VALVE, ACCORD, PRELUDE					
HONDA	2.0	119	B20A3	PRELUDE	88-91	B20A3
New Height:	3.5430" (89.992 MM)			Min Height:	3.5354" (89.799 MM)	
Intake Hgt:	1.9120-1.9420" (48.565-49.327 MM)			Exhaust Hgt:	1.8760-1.9050" (47.65-48.387 MM)	
Casting Numbers:	Block #:B20A3					
Notes:	SOHC, MFI, PRELUDE, 12 VALVE					
HONDA	2.0	119	B20A5	PRELUDE	87-91	B20A5
New Height:	5.2200" (132.588 MM)			Min Height:	5.1920" (131.877 MM)	
Intake Hgt:	1.6830-1.7140" (42.748-43.536 MM)			Exhaust Hgt:	1.6830-1.7140" * (42.748-43.536 MM)	
Casting Numbers:	Block #:B20A5, BA205A					
Notes:	DOHC, MPI, PRELUDE					
Comments:	* 1.780" REPORTED WITH NEW VALVES					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
HONDA				4 Cylinders (cont.)		
HONDA	2.0	119	BS1	ACCORD	85-86	BS1
New Height:	3.5430" (89.992 MM)			Min Height:	3.5350" (89.789 MM)	
Intake Hgt:	1.9130-1.9430" (48.59-49.352 MM) *			Exhaust Hgt:	1.8760-1.9060" (47.65-48.412 MM) *	
Notes:	SOHC, EFI, 3BC, BT2, BS2, ACCORD					
Comments:	*AUX VLV: SEAT WIDTH .014-.019, LENGTH 3.858-3.874, STEM DIA .2587-.2593, ST-GUIDE CLR .001-.002					
HONDA	2.0	120	B20B4	CRV	97-98	B20B4
New Height:	5.195-5.199" (131.950-132.050 MM)			Min Height:	5.1920" (131.876 MM)	
Intake Hgt:	1.6049-1.6234" (40.765-41.235 MM)			Exhaust Hgt:	1.6837-1.7022" (42.765-43.235 MM)	
Notes:	DOHC, SFI, 1973 CC, TRUCK CR-V					
HONDA	2.0	120	B20Z2	CRV	99-01	B20Z2
New Height:	5.195-5.199" (131.950-132.050 MM)			Min Height:	5.1920" (131.876 MM)	
Intake Hgt:	1.6049-1.6234" (40.765-41.235 MM)			Exhaust Hgt:	1.6837-1.7022" (42.765-43.235 MM)	
Notes:	DOHC, MFI, TRUCK CR-V					
HONDA	2.0	122	F20C1	S2000	00-02	F20C1
New Height:	4.132-4.136" (104.950-105.060 MM)			Exhaust Hgt:	1.740-1.752" (44.200-44.500 MM)	
Intake Hgt:	1.736-1.748" (44.100-44.400 MM)					
Notes:	DOHC, MFI, VTEC, S2000					
HONDA	2.0	122	K20A3	CIVIC	02-05	K20A3
New Height:	4.0925-4.0980" (103.950-104.089 MM)			Exhaust Hgt:	2.1500-2.1575" (54.610-54.800 MM)	
Intake Hgt:	1.6063-1.6142" (40.800-41.000 MM)					
Notes:	DOHC, I-VTEC, PGM, FI, CIVIC SI COUPE					
HONDA	2.1	125	B21A1	PRELUDE	90-91	B21A1
New Height:	5.201" (132.105 MM)			Min Height:	5.193" (131.902 MM) * SEE COMMENTS BO	
Intake Hgt:	1.6830-1.7140" (42.748-43.536 MM)			Exhaust Hgt:	1.6830-1.7140" (42.748-43.536 MM)	
Notes:	DOHC, MFI, PRELUDE					
Comments:	* ENSURE DOWEL PINS & OIL CONTROL JET WITH O-RING ARE REINSTALLED IN TO THE BLOCK.					
HONDA	2.2	132	F22A1	ACCORD	90-91	F22A1
New Height:	3.9291-3.9389" (99.799-100.048 MM)			Min Height:	3.9190" (99.543 MM)	
Intake Hgt:	1.8994-1.9179" (48.245-48.715 MM)			Exhaust Hgt:	1.9809-1.9994" (50.315-50.785 MM)	
Notes:	SOHC, 16 VALVE, F22A1, F22A4, MFI, ACCORD					
HONDA	2.2	132	F22A1	ACCORD	92-93	F22A1
New Height:	3.9291-3.9389" (99.799-100.048 MM)			Min Height:	3.919" (99.543 MM) REPORTED	
Intake Hgt:	1.8994-1.9179" (48.245-48.715 MM)			Exhaust Hgt:	1.9809-1.9994" (50.315-50.785 MM)	
Notes:	SOHC, MFI, F22A4, F22A6, ACCORD, PRELUDE, 16 VALVE					
HONDA	2.2	132	F22B1	ACCORD	94-97	F22B1
New Height:	3.9350-3.9390" (99.949-100.051 MM)			Min Height:	3.9350" (99.949 MM)	
Intake Hgt:	1.8405-1.8720" (46.750-47.550 MM)			Exhaust Hgt:	1.8405-1.8720" (46.750-47.550 MM)	
Notes:	SOHC, VTEC, 16 VALVE, MFI, ACCORD					
HONDA	2.2	132	F22B2	ACCORD	94-97	F22B2
New Height:	3.9350-3.9390" (99.949-100.051 MM)			Min Height:	3.9350" (99.949 MM)	
Intake Hgt:	1.8929-1.9244" (48.080-48.880 MM)			Exhaust Hgt:	1.9744-2.0059" (50.150-51.950 MM)	
Notes:	SOHC, 16 VALVE, MFI, ACCORD					
HONDA	2.2	132	F22B6	ACCORD	94-97	F22B6
New Height:	3.9350-3.9390" (99.949-100.051 MM)			Min Height:	3.9350" (99.949 MM)	
Intake Hgt:	1.8929-1.9244" (48.08-48.88 MM)			Exhaust Hgt:	1.9732-2.0227" (50.119-51.377 MM)	
Notes:	SOHC, 16 VALVE, MFI, ACCORD					
HONDA	2.2	132	H22A1	PRELUDE	92-96	H22A1
New Height:	5.785-5.789" (146.939-147.041 MM)			Exhaust Hgt:	1.4632-1.4817" (37.165-37.635 MM)	
Intake Hgt:	1.4750-1.4935" (37.465-37.935 MM)					
Notes:	DOHC VTEC PRELUDE					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
HONDA				4 Cylinders (cont.)		
HONDA	2.2	132	H22A4	PRELUDE	97-01	H22A4
New Height: 5.785-5.789" (146.950-147.050 MM) Intake Hgt: 1.6732-1.6811" *** (42.500-42.700 MM) Exhaust Hgt: 1.728-1.736" *** (43.900-44.100 MM) Notes: DOHC, VTEC, MFI, PRELUDE Comments: * OUTER FREE LGTH NIHON MFG: I=1.802" E=1.840", OUTER FREE LGTH TYPE "SH" ENG: I=1.575" E=1.755". ** INNER FREE LGTH NIHON MFG: I=1.644" E=1.546", INNER FREE LGTH TYPE "SH" ENG: I=1.719" E=1.617". *** REPORTED 1.583" ON BOTH I+ E						
HONDA	2.2	134	D	PASSPORT	98-00	
New Height: 5.276" (134.000 MM) Intake Hgt: 1.545-1.555" (39.243-39.497 MM) Exhaust Hgt: 1.545-1.555" (39.243-39.497 MM) Casting Numbers: Head #:92063877R Notes: DOHC, SFI, ISUZU ENGINE, PASSPORT						
HONDA	2.3	138	F23A1	ACCORD	98-03	F23A1
New Height: 3.935-3.939" (99.950-100.050 MM) Intake Hgt: 1.8405-1.8720" (46.750-47.550 MM) Exhaust Hgt: 1.8380-1.8690" (46.680-47.480 MM) Casting Numbers: Head #:PAA2 Notes: SOHC, MFI, ALSO F23A4, F23A5, F23A7 Comments: * F23A7 HEAD DIAM: INT=1.335-1.343", EXH=1.138-1.146"						
HONDA	2.3	138	H23A1	PRELUDE	92-95	H23A1
New Height: 5.195-5.199" (131.953-132.055 MM) Min Height: 5.190" (131.826 MM) Intake Hgt: 1.5500-1.5680" (39.37-39.827 MM) Exhaust Hgt: 1.5420-1.5600" (39.167-39.624 MM) Casting Numbers: Block #:H23A1 Notes: DOHC, 2300 CC, 160 HP, PRELUDE						
HONDA	2.3	138	H23A4		97-98	H23A4
New Height: 5.195-5.199" (131.953-132.055 MM) Min Height: 5.190" (131.826 MM) Intake Hgt: 1.5500-1.5680" (39.370-39.827 MM) Exhaust Hgt: 1.5420-1.5600" (39.167-39.624 MM) Notes: DOHC, MFI, 195 HP						
HONDA	2.4	144	K24A4	ACCORD	03-05	K24A4
New Height: 4.0925-4.0964" (103.950-104.050 MM) Intake Hgt: 1.7300-1.7600" (44.000-44.600 MM) Exhaust Hgt: 1.7300-1.7600" (44.000-44.600 MM) Casting Numbers: Head #:0 Notes: DOHC, MFI, I-VTEC, ACCORD Comments: * HEAD BOLT DIAMETER MUST BE AT LEAST .42" (10.6MM). IF LESS, REPLACE BOLT.						
HONDA	2.6	158	4ZE1	PASSPORT	94-97	4ZE1
Intake Hgt: 1.7200-1.7500" (43.688-44.45 MM) Exhaust Hgt: 1.7200-1.7500" (43.688-44.45 MM) Casting Numbers: Block #:4ZE1 Notes: PFI, PASSPORT						
HONDA				6 Cylinders		
HONDA	2.7	163	C27A4	ACCORD	95-97	C27A4
New Height: 5.2332" (132.930 MM) Min Height: 5.2282" (132.800 MM) Intake Hgt: 1.758-1.768" Exhaust Hgt: 1.748-1.758" Casting Numbers: Block #:C27A4 Notes: SOHC, 24 VALVE, MFI, ACCORD Comments: * VALVE LENGTH 1987 = I=4.100-4.124 E=4.183-4.207 ** EXHAUST ADJ .0007"-.0021" MAX .003"						
HONDA	3.0	183	J30A1	ACCORD	98-04	J30A1
New Height: 4.762-4.766" (120.950-121.050 MM) Intake Hgt: 1.841-1.872" (46.750-47.550 MM) Exhaust Hgt: 1.8378-1.8693" (46.680-47.480 MM) Notes: SOHC, VTEC, ACCORD						
HONDA	3.2	193	V	PASSPORT	94-97	
New Height: 4.1260" (104.8 MM) Intake Hgt: 1.7450-1.7500" (44.323-44.45 MM)* Exhaust Hgt: 1.7450-1.7500" (44.323-44.45 MM)* Casting Numbers: Block #:6VD1 Notes: SOHC, PASSPORT Comments: *HAVE SEEN 1.650-1.680 ON SOME HEADS						
HONDA	3.2	193	W	PASSPORT	94-02	6VD1-W
New Height: 5.413" (137.49 MM) Intake Hgt: 1.6400" (41.656 MM) Exhaust Hgt: 1.6400" (41.656 MM) Casting Numbers: Head #:6VD1-W Notes: DOHC, PASSPORT Comments: *REPORTED MEMBER # 1556 03-09-05 MC						

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
HONDA						6 Cylinders (cont.)
HONDA	3.5	222		ODYSSEY	98-02	J35A1
New Height: 4.762-7.766" (120.950-121.050 MM)						
Intake Hgt: 1.841-1.872" (46.750-47.550 MM)				Exhaust Hgt:	1.838-1.869" (46.680-47.480 MM)	
Notes: SOHC,MFI, VTEC, ODYSSEY LX						
HYUNDAI						4 Cylinders
HYUNDAI	1.5	90		SCOUPE	93-94	G4EK
New Height: 2.950-2.955" (74.93-75.057 MM)						
Intake Hgt: 1.510" (38.354 MM)				Exhaust Hgt:	1.550" (39.37 MM)	
Notes: MMC, MPFI, & G4AER, SCOUPE						
HYUNDAI	1.5	90	C	ACCENT	95-02	G4EKS
New Height: 2.950-2.955" (74.930-75.057 MM)						
Intake Hgt: 1.580-1.600" (40.132-40.640 MM)				Exhaust Hgt:	1.580-1.600" (40.132-40.640 MM)	
Notes: SOHC 12 VALVE, SFI, G4EKS,G4EKT,ACCENT & ACCENT GT						
Comments: * 70# @ 1.2598" REPORTED MEMBER #33769 11-16-2004 MC						
HYUNDAI	1.5	90	J	EXCEL	86-89	G15B
New Height: 4.2150-4.2200" (107.061-107.188 MM)				Min Height:	4.2070" (106.858 MM)	
Intake Hgt: 1.6200-1.6500" (41.148-41.91 MM)				Exhaust Hgt:	1.6200-1.6500" (41.148-41.91 MM)	
Castings Numbers: Head #:9M, M11, M16, M17, M19, M6 Block #: G15B, G4DJ						
Notes: MMC, MFI OR 2BC, 4G15B, EXCEL						
Comments: *AUX VALVE SPG TEST PRESSURE: 55# @.8460". JET VALVE TORQUE 13-16#.						
HYUNDAI	1.5	90	J	EXCEL	90-94	G4AJR
New Height: 4.2150-4.2200" (107.061-107.188 MM)				Min Height:	4.2070" (106.858 MM)	
Intake Hgt: 1.6200-1.6500" (41.148-41.91 MM)				Exhaust Hgt:	1.6200-1.6500" (41.148-41.91 MM)	
Castings Numbers: Head #:9M, M10, M11, M16, M17, M19, M20, M6 Block #: G15B, G4DJ						
Notes: MMC, MFI, G4AJR, 4G15B, EXCEL						
Comments: * AUX VALVE SPG TEST PRESSURE: 55# @.8460". JET VALVE TORQUE 13-16#						
HYUNDAI	1.6	97	R	ELANTRA	92-95	G4DRR
New Height: 5.1968-5.2000" (131.999-132.08 MM)				Min Height:	5.1880" (131.775 MM)	
Intake Hgt: 1.900-1.940" (48.26-49.276 MM)				Exhaust Hgt:	1.900-1.940" (48.26-49.276 MM)	
Castings Numbers: Head #:1611, 8						
Notes: DOHC, MFI, G4DRR, G4DRS, ELANTRA						
HYUNDAI	1.6	98		ACCENT	01-04	
Intake Hgt: 1.570-1.580"				Exhaust Hgt:	1.570-1.580"	
Notes: DOHC, MFI, ACCENT GS SEDAN						
HYUNDAI	1.6	98			88-91	
New Height: 4.2150-4.2200" (107.061-107.188 MM)				Min Height:	4.206" (106.832 MM)	
Intake Hgt: 1.610-1.650" (40.894-41.91 MM)				Exhaust Hgt:	1.610-1.650" (40.894-41.91 MM)	
Notes: MMC						
HYUNDAI	1.8	107	M	ELANTRA	93-94	G37B
New Height: 3.484" (88.494 MM)				Min Height:	3.476" (88.29 MM)	
Intake Hgt: 1.545-1.560" (39.243-39.624 MM)				Exhaust Hgt:	1.545-1.560" (39.243-39.624 MM)	
Castings Numbers: Head #:M37, M38						
Notes: SOHC, G37B, ELANTRA						
HYUNDAI	1.8	110	M		95-99	G4GM
New Height: 5.1970"				Min Height:	5.1890"	
Intake Hgt: 1.720 *				Exhaust Hgt:	1.660 *	
Castings Numbers: Head #:B#4C						
Notes: DOHC SHORTER INSTALLED VALVE HEIGHT, 1 CAM SPROCK						
Comments: * REPORTED						
HYUNDAI	1.8	112	M	ELANTRA	93-99	G4DMR
New Height: 5.1970" (132.004 MM)				Min Height:	5.1890" (131.801 MM)	
Intake Hgt: 1.9200-1.9500" (48.768-49.53 MM)				Exhaust Hgt:	1.9200-1.9500" (48.768-49.53 MM)	
Castings Numbers: Head #:3C, 5C, 7C, 9C Block #: G4CN						
Notes: DOHC, ELANTRA, 2 CAM SPROCKETS						
HYUNDAI	2.0	121		ELANTRA	04-05	
New Height: 4.093-4.096" (103.950-104.050 MM)						
Notes: DOHC						

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
HYUNDAI						4 Cylinders (cont.)
HYUNDAI	2.0	121		TIBURON	99-05	G4GC
Intake Hgt: 1.725"				Exhaust Hgt: 1.675"		
Casting Numbers: Head #:12C						
Notes: DOHC, MFI, TIBURON, ELANTRA 1997 CC						
HYUNDAI	2.0	122	F	SONATA	92-03	G4GF
New Height: 5.1970" (132.004 MM)				Min Height: 5.1890" (131.801 MM)		
Intake Hgt: 1.9200-1.9500" * (48.768-49.53 MM)				Exhaust Hgt: 1.9200-1.9500" * (48.768-49.53 MM)		
Casting Numbers: Head #:12C, 7C Block #: G4CP						
Notes: DOHC,SONATA,TIBURON,ELANTRA, MECH LIFTER @ 2001->						
Comments: * REPORTED ON ENGINE CODE G4CP VIN F INSTALLED VALVE HEIGHTS INTAKE 1.8500"(46.990 MM) EXHAUST 2.000" (50.800 MM)						
HYUNDAI	2.0	122	F	SONATA	92-98	G4AP
New Height: 5.1970" (132.004 MM)				Min Height: 5.1890" (131.801 MM)		
Intake Hgt: 1.9200-1.9500" (48.768-49.53 MM)				Exhaust Hgt: 1.9200-1.9500" (48.768-49.53 MM)		
Casting Numbers: Head #:7C Block #: G4CP						
Notes: DOHC, MPI, SONATA						
HYUNDAI	2.4	143	S	SONATA	89-93	G4CS
New Height: 3.5430" (89.992 MM)				Min Height: 3.5230" (89.484 MM)		
Intake Hgt: 1.6400-1.6600" (41.656-42.164 MM)				Exhaust Hgt: 1.6400-1.6600" (41.656-42.164 MM)		
Casting Numbers: Head #:64, 64M, M19 Block #: G64B						
Notes: SOHC, MFI, MMC, SONATA						
Comments: * AUX VALVE SPG TEST PRESSURE: 8# @ .8460						
HYUNDAI	2.4	143	S	SONATA	99-05	G4JS
New Height: 5.1970-5.2000" (132.003-132.080 MM)				Exhaust Hgt: 1.915" * / 1.970" **		
Intake Hgt: 1.915" * / 1.970" **						
Casting Numbers: Head :# 10, 2.0/2.4						
Notes: DOHC, MFI, SONATA						
Comments: * REPORTED # 4517 3-10-03 MC ** REPORTED # 27671 8-10-04 AND #12063 ON 2/9/05, INTAKE 1.935-1.940" AND EXHAUST 1.900"						
HYUNDAI						6 Cylinders
HYUNDAI	2.5	152		SONATA	99-01	
Intake Hgt: 1.600" (40.64 MM)				Exhaust Hgt: 1.600" (40.64 MM)		
Notes: DOHC, MFI, SONATA						
HYUNDAI	3.5	213	E	XG 350	02-05	G6CU
New Height: 5.2000" (132.080 MM) *				Min Height: *		
Casting Numbers: Head #:EW3, L35 Block #: 35D						
Notes: DOHC, MFI, XG350						
Comments: * TOTAL REMOVAL FOR BOTH BLOCK AND CLYINDER HEAD .0080" (.203 MM).						
INFINITI						4 Cylinders
INFINITI	2.0	122	C	G20	91-96	SR20DE
New Height: 5.390-5.398" (136.906-137.109 MM)				Min Height: 5.3820" (136.703 MM)		
Notes: DOHC, EFI, G20						
Comments: STEM END REFACE LIMIT .008						
INFINITI						6 Cylinders
INFINITI	3.0	181	H		90-92	M30
New Height: 4.205-4.220" (106.807-107.188 MM)						
Notes: EFI, M30						
Comments: STEM END REFACE LIMIT .008						
INFINITI	3.0	183	A		93-96	VG30DE
New Height: 5.429-5.433" (137.897-137.998 MM)				Exhaust Hgt: 1.530-1.540" (38.862-39.116 MM)		
Intake Hgt: 1.530-1.540" (38.862-39.116 MM)						
Notes: PFI/SFI, J30						
Comments: * HEAT HEADS IN OIL TO 230-266°F AND USE NO MORE THAN 2 TONS PRESSURE. ** STEM END REFACE LIMIT .008						
INFINITI	3.0	183	C	I30	96-98	I30
New Height: 4.972-4.980" (126.289-126.492 MM)						
Notes: SFI, I30						

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
INFINITI						8 Cylinders
INFINITI	4.1	252	B	Q-45	97-00	
New Height: 5.146-5.153" (130.700-130.900 MM)						
Notes: SFI, Q45						
INFINITI	4.5	274	N	Q-45	90-99	
New Height: 5.1460-5.1540" (130.708-130.912 MM)				Min Height: 5.1380" (130.505 MM)		
Intake Hgt: 1.880" (47.752 MM) *				Exhaust Hgt: 1.865" (47.371 MM) *		
Casting Numbers: Head #:L-60U1R						
Notes: EFI, DOHC, Q-45						
Comments: VALVE STEM END REFACE LIMIT .008 * REPORTED HEAD CASTING L60U3R						
INFINITI	5.6	339		QX56	04-05	VK56DE
New Height: 4.9724" (126.300 MM)						
Notes: DOHC						
ISUZU						2 Cylinders
ISUZU	0.5	33		2KA1		2KA1
Intake Pro / Rec: .027-.055" V/REC (.686-1.397 MM)			Exhaust Pro / Rec: .027-.055" V/REC (.686-1.397 MM)			
Notes: DIESEL						
ISUZU	0.6	36		2KB1		2KB1
Intake Pro / Rec: .027-.055" V/REC (.686-1.397 MM)			Exhaust Pro / Rec: .027-.055" V/REC (.686-1.397 MM)			
Notes: DIESEL						
ISUZU	0.7	40		2KC1		2KC1
Intake Pro / Rec: .027-.055" V/REC (.686-1.397 MM)			Exhaust Pro / Rec: .027-.055" V/REC (.686-1.397 MM)			
Notes: DIESEL						
ISUZU						3 Cylinders
ISUZU	0.8	49		3KA1		3KA1
Intake Pro / Rec: .027-.055" V/REC (.686-1.397 MM)			Exhaust Pro / Rec: .027-.055" V/REC (.686-1.397 MM)			
Notes: DIESEL						
ISUZU	0.9	54		3KB1		3KB1
Intake Pro / Rec: .027-.055" V/REC (.686-1.397 MM)			Exhaust Pro / Rec: .027-.055" V/RE" (.686-1.397 MM)			
Notes: DIESEL						
ISUZU	1.0	60		3KC1		3KC1
Intake Pro / Rec: .027-.055" V/REC (.686-1.397 MM)			Exhaust Pro / Rec: .027-.055" V/REC (.686-1.397 MM)			
Notes: DIESEL						
ISUZU	1.4	87		3KR1		3KR1
Intake Pro / Rec: .028-.055" V/REC (.700-1.400 MM)			Min Height: .012" Max Removal			
Casting Numbers: Block #:88328			Exhaust Pro / Rec: .028-.055" V/REC (.700-1.400 MM)			
Notes: DIESEL, OHC, INDIRECT INJ						
ISUZU	1.8	109		3AB1		3AB1
New Height: 3.620-3.624" (91.948-92.05 MM)			Min Height: 3.612" (91.745 MM)			
Intake Pro / Rec: .028-.068" REC (.711-1.727 MM) *			Exhaust Pro / Rec: .028-.068" REC (.711-1.727 MM) *			
Notes: DIESEL, 4 STROKE, INDIRECT INJ, WATER COOLED, OHV						
Comments: *MAX VALVE RECESSON .098						
ISUZU						4 Cylinders
ISUZU	1.5	90	7		85-89	
New Height: 3.3900" (86.106 MM)			Min Height: 3.3700" (85.598 MM)			
Intake Hgt: 1.7100-1.7300" (43.434-43.942 MM)			Exhaust Hgt: 1.7100-1.7300" (43.434-43.942 MM)			
Casting Numbers: Head #:1 or 9, 326, 4XC1 Block #: 4XC1-U						
Notes: 2BC						
ISUZU	1.5	90	9		87-89	4XC1T
New Height: 3.3900" (86.106 MM)			Min Height: 3.3700" (85.598 MM)			
Intake Hgt: 1.7100-1.7300" (43.434-43.942 MM)			Exhaust Hgt: 1.7100-1.7300" (43.434-43.942 MM)			
Casting Numbers: Head #:1 or 9, 326 Block #: 4XC1-T						
Notes: MFI, TURBO, 4XC1T						

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
ISUZU				4 Cylinders (cont.)		
ISUZU	1.5	90	K	I-MARK	85-88	
New Height:	3.3900" (86.106 MM)			Min Height:	3.3700" (85.598 MM)	
Intake Hgt:	1.7100-1.7300" (43.434-43.942 MM)			Exhaust Hgt:	1.7100-1.7300" (43.434-43.942 MM)	
Casting Numbers:	Head #: 1 or 9, 326, 4XC1 Block #: 4XC1-U					
Notes:	SPECTRUM, I-MARK, FWD					
ISUZU	1.6	97		IMPULSE	90-91	4XE1
New Height:	5.1140-5.1200" (129.896-130.048 MM)			Min Height:	5.098" (129.489 MM)	
Intake Hgt:	1.7100" (43.434 MM)			Exhaust Hgt:	1.7100" (43.434 MM)	
Notes:	DOHC, 4XE1, 16 VALVE, IMPULSE					
ISUZU	1.6	97	4		90-92	
New Height:	5.114" (129.896 MM)			Min Height:	5.098" (129.489 MM)	
Casting Numbers:	Block #: 4XE1-W					
Notes:	MFI, DOHC, TURBO					
ISUZU	1.6	97	5		88-90	
Intake Hgt:	1.710" (43.434 MM)			Exhaust Hgt:	1.710" (43.434 MM)	
Casting Numbers:	Block #: 4XE1-W					
Notes:	MFI, DOHC					
ISUZU	1.6	97	5		91-92	
New Height:	5.114" (129.896 MM)			Min Height:	5.098" (129.489 MM)	
Casting Numbers:	Block #: 4XE1-W					
Notes:	MFI, DOHC, NON-TURBO					
ISUZU	1.6	97	6	IMPULSE	91-93	
New Height:	3.3900-3.4000" (86.106 - 86.360 MM)			Min Height:	3.3740" (85.700 MM)	
Intake Hgt:	1.700-1.725"			Exhaust Hgt:	1.700-1.725"	
Casting Numbers:	Block #: 4XE1-V					
Notes:	MFI, SOHC, 12 VALVE, IMPULSE & STYLUS					
ISUZU	1.8	110		4FB1		4FB1
Intake Pro / Rec:	.028-.055" V/REC (.711-1.397 MM)			Exhaust Pro / Rec:	.028-.055" V/REC (.711-1.397 MM)	
Notes:	DIESEL, OHV, DIR INJ, 4FA1, 4FC1					
ISUZU	1.8	110	8	IMPULSE	91-92	
New Height:	5.114" (129.896 MM)			Min Height:	5.098" (129.489 MM)	
Casting Numbers:	Block #: 4XF1					
Notes:	MFI, DOHC, IMPULSE					
ISUZU	1.8	111	B	I-MARK	81-85	G180Z
New Height:	3.6660-3.6720" (93.116-93.269 MM)			Min Height:	3.6500" (92.71 MM)	
Casting Numbers:	Head #: G180, G200 Block #: G180					
Notes:	2BC, I-MARK, G180Z					
Comments:	** ENGINES PRODUCED AFTER 1983 HAVE SINGLE SPRING WITH BLUE PAINT ON VALVE SPRING: 51-59@ @ 1.6154, FREE LENGTH 1.8951. PART #8-94259-483-0					
ISUZU	1.8	111	P	I-MARK	81-84	
New Height:	4.0550" (102.997 MM)			Min Height:	4.0470" (102.794 MM)	
Intake Pro / Rec:	.027-.055" V/REC (.686-1.397 MM)			Exhaust Pro / Rec:	.027-.055" V/REC (.686-1.397 MM)	
Notes:	DIESEL, I-MARK, FWD					
ISUZU	1.9	119	A	IMPULSE	82-88	
New Height:	3.6720-3.6780" (93.269-93.421 MM)			Min Height:	3.6560" (92.862 MM)	
Intake Hgt:	1.710-1.730" (43.434-43.942 MM)			Exhaust Hgt:	1.710-1.730" (43.434-43.942 MM)	
Casting Numbers:	Head #: G 200, G200 Block #: G200					
Notes:	IMPULSE, CHEV S-10, OHC, PUP G200					
ISUZU	2.0	119		C190		C190
New Height:	3.6188-3.6240" (91.918-92.05 MM)			Min Height:	3.6122" (91.75 MM)	
Intake Pro / Rec:	.028-.098" V/REC (.711-2.489 MM)			Exhaust Pro / Rec:	.028-.098" V/REC (.711-2.489 MM)	
Notes:	DIESEL C190 MODEL					
ISUZU	2.0	121	F		85-89	4ZC1
New Height:	3.6720-3.6780" (93.269-93.421 MM)			Min Height:	3.6560" (92.862 MM)	
Intake Hgt:	1.710-1.730" (43.434-43.942 MM)			Exhaust Hgt:	1.710-1.730" (43.434-43.942 MM)	
Casting Numbers:	Head #: 4ZC1, 4ZC1-S Block #: 4ZC1-T					
Notes:	4ZC1, MFI, TURBO					
Comments:	* NON-TURBO = .008" COLD FOR BOTH VALVES					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
ISUZU				4 Cylinders		(cont.)
ISUZU	2.0	122	D	C201		C201
New Height: 3.6220" (91.999 MM)						
Intake Pro / Rec: .015-.050" V/REC (.381-1.27 MM)			Exhaust Pro / Rec: .015-.050" V/REC (.381-1.27 MM)			
Casting Numbers: Head #:5-115-0						
Notes: C-201 DIESEL, EARLY ENGINE, DUAL VALVE SPRING						
ISUZU	2.0	122	D	C201		C201
New Height: 3.6220" (91.999 MM)						
Intake Pro / Rec: .015-.050" V/REC (.381-1.27 MM)			Exhaust Pro / Rec: .015-.050" V/REC (.381-1.27 MM)			
Casting Numbers: Head #:5-115-0						
Notes: C-201 DIESEL, LATE ENGINE, SINGLE VALVE SPRING						
ISUZU	2.2	134	4	HOMBRE	96-98	
New Height: 5.3150-5.3300" (135.001-135.382 MM)			Min Height: 5.3050" (134.747 MM)			
Intake Hgt: 1.9700-2.0000" (50.038-50.800 MM)			Exhaust Hgt: 1.9850-2.0150" (50.419-51.181 MM)			
Casting Numbers: Head #:10112391, 10112392, 10184922, 10198852, 10198853, 12360424 Block #: LN2						
Notes: SFI, HOMBRE, OASIS						
Comments: CAUTION: CAREFULLY CHECK THE EGR CROSS-OVER PLATE GASKET. IF YOU USE THE WRONG GAKET YOU WILL HAVE A VACUUM LEAK AND BAD IDLE.						
ISUZU	2.2	134	D	AMIGO	98-02	
New Height: 5.276- 5.280" (134.000-134.112 MM)						
Intake Hgt: 1.545-1.560" (39.243-39.624 MM)			Exhaust Hgt: 1.545-1.560" (39.243-39.624 MM)			
Casting Numbers: Head #:92063877R						
Notes: SFI, DOHC, AMIGO, RODEO						
ISUZU	2.2	136		D201		D201
New Height: 3.6220-3.6250" (91.999-92.075 MM)						
Intake Pro / Rec: .019-.030" V/REC (.483-.762 MM)			Exhaust Pro / Rec: .019-.030" V/REC (.483-.762 MM)			
Casting Numbers: Head #:92N099 Block #: 83-906						
Notes: D201 DIESEL, DIRECT INJECTION						
ISUZU	2.2	136	S		86-87	C223
New Height: 3.6220-3.6250" (91.999-92.075 MM)						
Intake Pro / Rec: .019-.030" V/REC (.483-.762 MM)			Exhaust Pro / Rec: .019-.030" V/REC (.483-.762 MM)			
Casting Numbers: Head #:5-182-0, 83-8-947-0, 8818-0, 8-947-0 Block #: 83-906						
Notes: C223 DIESEL, P/UP, TURBO & NON						
ISUZU	2.2	136	U		85-87	C223
New Height: 3.6220-3.6250" (91.999-92.075 MM)						
Intake Pro / Rec: .019-.030" V/REC (.483-.762 MM)			Exhaust Pro / Rec: .019-.030" V/REC (.483-.762 MM)			
Casting Numbers: Head #:5-182-0, 83-8-947-0, 8818-0, 8-947-0 Block #: 83-906						
Notes: C223 TURBO DIESEL						
ISUZU	2.3	137	L	AMIGO	86-95	4ZD1
New Height: 3.6673-3.6712" (93.149-93.248 MM)						
Intake Hgt: 1.720-1.750" (43.688-44.45 MM)			Exhaust Hgt: 1.720-1.750" (43.688-44.45 MM)			
Intake Pro / Rec: .067" MAX V/REC (1.702 MM)			Exhaust Pro / Rec: .067" MAX V/REC (1.702 MM)			
Casting Numbers: Head #:4ZD1, 4ZD1/C1 Block #: 4ZD1						
Notes: 4ZD1, SOHC, EFI, AMIGO, P/UP, IMPULSE, TROOPER II						
ISUZU	2.3	137	L		85-87	4ZD1
New Height: 3.6673-3.6712" (93.149-93.248 MM)						
Intake Hgt: 1.710-1.730" (43.434-43.942 MM)			Exhaust Hgt: 1.710-1.730" (43.434-43.942 MM)			
Casting Numbers: Head #:4ZD1, 4ZD1/C1 Block #: 4ZD-1						
Notes: 4ZD1, 2BC						
ISUZU	2.4	146		C240		C240
New Height: 3.620-3.624" (91.948-92.05 MM)						
Intake Pro / Rec: .028-.068" REC * (.711-1.727 MM)			Exhaust Pro / Rec: .028-.068" REC * (.711-1.727 MM)			
Notes: C-240 DIESEL, OHV, WATER COOLED						
Comments: * MAX VALVE RECESSON .098"						

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
ISUZU				4 Cylinders (cont.)		
ISUZU	2.6	156	E	AMIGO	88-98	4ZE1
New Height:	3.6673-3.6712" (93.149-93.248 MM)			Min Height:	3.6513" (92.743 MM)	
Intake Hgt:	1.7200-1.7500" (43.688-44.45 MM)			Exhaust Hgt:	1.7200-1.7500" (43.688-44.45 MM)	
Intake Pro / Rec:	.040-.067" V/REC (1.016-1.702 MM)			Exhaust Pro / Rec:	.040-.067" V/REC (1.016-1.702 MM)	
Castings Numbers:	Head #:4ZE1, 4ZE1-C1 Block #: 4ZE1					
Notes:	4ZE1, TROOPER II, AMIGO, PICKUP					
ISUZU	2.8	169		4JB1		4JB1
Intake Pro / Rec:	.028" V/REC (.711 MM) *			Exhaust Pro / Rec:	.028" V/REC (.711 MM) *	
Notes:	DIESEL					
Comments:	* MAX V/REC: INTAKE .050, EXHAUST .047					
ISUZU	3.3	199		4BC2		4BC2
New Height:	3.5440-3.5480" (90.018-90.119 MM)			Min Height:	3.5300" (89.662 MM)	
Intake Pro / Rec:	.026-.043" V/REC (.66-1.092 MM)			Exhaust Pro / Rec:	.026-.043" V/REC (.66-1.092 MM)	
Notes:	TCM FORKLIFT, TURBO					
Comments:	* TORQUE FOR STEEL ASBESTOS SANDWICH TYPE GASKETS:51,69 FT/LBS NEW BOLTS AND 51,83 FT/LBS USED BOLTSFOR USED BOLTS.					
ISUZU	3.6	219		4BB1		4BB1
New Height:	3.5440-3.5480" (90.018-90.119 MM)			Min Height:	3.5300" (89.662 MM)	
Intake Pro / Rec:	.026-.043" V/REC (.66-1.092 MM)			Exhaust Pro / Rec:	.026-.043" V/REC (.66-1.092 MM)	
Notes:	DIESEL					
Comments:	* FOR STEEL ASBESTOS SANDWICH TYPE GASKETS 51,69 FT/LBS NEW BOLTS & 51,83 FT/LBS USED BOLTS. FOR USED BOLTS.					
ISUZU	3.6	222		4BE1		4BE1
New Height:	3.541-3.545" (89.950-90.050 MM)			Exhaust Pro / Rec:	.003" (.080 MM)	
Intake Pro / Rec:	.003" V/REC (.080 MM)					
Notes:	DIESEL, DIR INJ					
ISUZU	3.9	235		4BD1	85-90	4BD1
New Height:	3.5413-3.5452" (89.949-90.048 MM)			Min Height:	3.5334" (89.748 MM)	
Intake Pro / Rec:	.039-.098" V/REC (.991-2.489 MM)			Exhaust Pro / Rec:	.039-.098" V/REC (.991-2.489 MM)	
Castings Numbers:	Head #:4BD1, 5-082-1, 5-107-0 Block #: 919613					
Notes:	4BD1 DIESEL					
Comments:	* SERVICE LIMIT .099"					
ISUZU	3.9	235		4BD1T	86-91	4BD1T
New Height:	3.5413-3.5452" (89.949-90.048 MM)			Min Height:	3.5334" (89.748 MM)	
Intake Pro / Rec:	.039-.098" V/REC * (.991-2.489 MM)			Exhaust Pro / Rec:	.039-.098" V/REC * (.991-2.489 MM)	
Castings Numbers:	Head #:4BD1, 5-082-1, 5-107-0					
Notes:	4BD1T, TURBO DIESEL					
Comments:	* SERVICE LIMIT .099"					
ISUZU	3.9	235	4BD1		85-90	4BD1
New Height:	3.5413-3.5452" (89.949-90.048 MM)			Min Height:	3.5334" (89.748 MM)	
Intake Pro / Rec:	.039-.098" V/REC (.991-2.489 MM)			Exhaust Pro / Rec:	.039-.098" V/REC (.991-2.489 MM)	
Castings Numbers:	Head #:4BD1, 5-082-1, 5-107-0 Block #: 919613					
Notes:	4BD1 DIESEL					
Comments:	* SERVICE LIMIT .099"					
ISUZU	3.9	235	4BD1T		86-91	4BD1T
New Height:	3.5413-3.5452" (89.949-90.048 MM)			Min Height:	3.5334" (89.748 MM)	
Intake Pro / Rec:	.039-.098" V/REC (.991-2.489 MM)			Exhaust Pro / Rec:	.039-.098" V/REC (.991-2.489 MM)	
Castings Numbers:	Head #:4BD1, 5-082-1, 5-107-0					
Notes:	4BD1T, TURBO DIESEL					
Comments:	* SERVICE LIMIT .099"					
ISUZU	3.9	235	TURBO	4BD2-TC	85-99	4BD2-TC
New Height:	3.5410-3.5450" (89.950-90.050 MM)			Min Height:	3.5330" (89.738 MM)	
Intake Pro / Rec:	.026-.043" V/REC * (.66-1.092 MM)			Exhaust Pro / Rec:	.026-.043" V/REC * (.66-1.092 MM)	
Castings Numbers:	Head #:8-453-1					
Notes:	DIESEL, NPR, CHEVY W-4					
Comments:	* MAX V/REC .099"					
ISUZU	4.1	249		DA220		DA220
Intake Hgt:	1.4960-1.5354" (37.998-38.999 MM)			Exhaust Hgt:	1.4960-1.5354" (37.998-38.999 MM)	
Notes:	DIESEL					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
ISUZU						
				4 Cylinders (cont.)		
ISUZU	4.3	264		4HF1	94-96	4HF1
New Height: 3.5410-3.5450" (89.941-90.043 MM)						
Intake Pro / Rec: .028-.047" V/REC (.700-1.200 MM)				Exhaust Pro / Rec: .028-.047" V/REC (.700-1.200 MM)		
Notes: DIESEL, OHC, DIRECT INJECTION						
ISUZU	4.8	290		4HE1-TC	99-03	4HE1-TC
New Height: 4.6831-4.6870" (118.95-119.05 MM)						
Intake Pro / Rec: .027-.046" V/REC (.686-1.168 MM)				Min Height: Do not Resurface		
				Exhaust Pro / Rec: .027-.046" V/REC (.686-1.168 MM)		
Notes: SOHC, NPR, TURBO DIESEL, 4 STROKE, DIR INJ						
ISUZU	5.2	317		4HG1		4HG1
New Height: 3.541-3.545" (89.941-90.043 MM)						
Intake Pro / Rec: .028" V/PRO (.711 MM)				Min Height: 3.533" (89.738 MM)		
				Exhaust Pro / Rec: .028" V/PRO (.711 MM)		
Notes: DIESEL, DIRECT INJECTION						
ISUZU						
				6 Cylinders		
ISUZU	2.8	173	R	TROOPER II	89-91	
Intake Hgt: 1.8800-1.9100" (47.752-48.514 MM)						
				Exhaust Hgt: 1.9700-2.0000" (50.038-50.8 MM)		
Casting Numbers: Head #:14031327, 14054879, 14054884						
Block #: 1006459, 10065457, 10065459, 1006549, 10118618						
Notes: TBI, TROOPER II						
Comments: * VALVE HEAD DIAMETER FOR CARBURATED HEADS, 1.600"& 1.300"						
ISUZU	3.2	193	V	RODEO	92-98	6VD1
New Height: 4.1260" (104.8 MM)						
Intake Hgt: 1.6730-1.6870"				Min Height: 4.1181" (104.600 MM)		
				Exhaust Hgt: 1.6730-1.6870"		
Casting Numbers: Block #:6VD1						
Notes: SOHC, 6VD1, TROOPER II, RODEO 75° BLOCK						
ISUZU	3.2	193	W	TROOPER	92-04	6VD1
New Height: 5.2441-5.2246"						
Intake Hgt: 1.550-1.650"				Min Height: 5.2362"		
				Exhaust Hgt: 1.550-1.650"		
Casting Numbers: Head #:6VD1-W						
Notes: DOHC, 6VD1, RODEO, TROOPER 75° BLOCK						
Comments: INTAKE CAMSHAFTS ARE MARKED R1 FOR RIGHT BANK AND L1 FOR LEFT BANK * NEW HEAD 1.550-1.560" REPORTED ** 1997 UP MECHANICAL LASH .009-.013" INTAKE AND .010-.014" EXHAUST						
ISUZU	3.5	214	X	TROOPER	98-05	6VE1
New Height: 5.236" (133.000 MM)						
Intake Hgt: 1.553-1.554" MAX (39.450-39.470 MM) *				Exhaust Hgt: 1.553-1.554" MAX (39.450-39.470 MM) *		
Notes: DOHC, SFI, TROOPER, AXIOM						
Comments: * WITH NEW VALVE INSTALLED, REPLACE VALVE SEAT IF GREATER THAN SPECIFICATION.						
ISUZU	4.3	262	W	HOMBRE	98	
New Height: 3.0650" (77.851 MM)						
Intake Hgt: 1.8900-1.9200" (48.006-48.768 MM) *				Exhaust Hgt: 1.9900-2.0200" (50.546-51.308 MM) *		
Casting Numbers: Head #:10144103, 10235772, 10238181, 10240209, 14099064						
Block #: 10024535, 10066061, 10105903, 10172756, 10224535, 10224565, 10224834, 10227196, 10229534, 10235359, 14099073, 14099090						
Notes: TBI, HO, BALANCE SHAFT, RWD, ROLLER CAM, GM ENGINE						
Comments: * SPRING PAD HEIGHTS VARY!!! SOME HEADS ARE MACHINED THE SAME DEPTH FOR INTAKE & EXHAUST.						
ISUZU	4.3	262	X	HOMBRE	97-99	
New Height: 3.0650" (77.851 MM)						
Intake Hgt: 1.8900-1.9200" (48.768 MM) *				Exhaust Hgt: 1.9900-2.0200" (50.546-51.308 MM)		
Casting Numbers: Head #:10235770, 10235772, 12533134, 12556140						
Block #: 10227196, 14099090						
Notes: SFI, HO, BALANCE SHAFT, RWD, ROLLER CAM, GM ENGINE						
Comments: * HEAD CASTING #10235772 INTAKE STEM HGT IS SAME AS EXHAUST.						
ISUZU	5.4	329		6BB1		6BB1
New Height: 3.5440-3.5480" (90.018-90.119 MM)						
Intake Pro / Rec: .039-.099" V/REC (.991-2.515 MM)				Min Height: 3.5300" (89.662 MM)		
				Exhaust Pro / Rec: .039-.099" V/REC (.991-2.515 MM)		
Casting Numbers: Block #:80625						
Notes: DIESEL						
Comments: * TORQUE FOR STEEL ASBESTOS SANDWICH TYPE GASKETS:51.69 FT/LBS NEW BOLTS, & 51.83 FT/LBS USED BOLTS.FOR USED BOLTS.						

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
ISUZU				6 Cylinders (cont.)		
ISUZU	5.8	353		6BD1	76-88	6BD1
New Height:	3.5413-3.5452" (89.949-90.048 MM)			Min Height:	3.5334" (89.748 MM)	
Intake Pro / Rec:	.039-.098" V/REC (.991-2.489 MM)			Exhaust Pro / Rec:	.039-.098" V/REC (.991-2.489 MM)	
Casting Numbers:	Head #:6BD1					
Notes:	6BD1 DIESEL					
ISUZU	5.8	353		6BD1-T		6BD1-T
New Height:	3.5413-3.5452" (89.949-90.048 MM)			Min Height:	3.5334" (89.748 MM)	
Intake Pro / Rec:	.039-.098" V/REC (.991-2.489 MM)			Exhaust Pro / Rec:	.039-.098" V/REC (.991-2.489 MM)	
Notes:	TURBO, DIESEL, DIR INJ					
ISUZU	6.5	396		6BG1	88-94	6BG1
New Height:	3.5413-3.5452" (89.949-90.048 MM)			Min Height:	3.5334" (89.748 MM)	
Intake Pro / Rec:	.025-.043" V/REC (.650-1.100 MM)			Exhaust Pro / Rec:	.025-.043" V/REC (.650-1.100 MM)	
Casting Numbers:	Head #:929041B					
Notes:	DIESEL, INDUSTRIAL, DIR INJ					
ISUZU	6.5	396		6BG1-T	88-94	6BG1-T
New Height:	3.5413-3.5452" (89.949-90.048 MM)			Min Height:	3.5334" (89.748 MM)	
Intake Pro / Rec:	.025-.043" V/REC (.650-1.100 MM)			Exhaust Pro / Rec:	.025-.043" V/REC (.650-1.100 MM)	
Casting Numbers:	Head #:929041B					
Notes:	TURBO DIESEL, 6BG1-T & 6BG1-TC, NRR TRUCK, DIR INJ					
ISUZU	7.1	435		6HE1-TC	94-01	6HE1-TC
New Height:	4.6831-4.6870" (118.95-119.05 MM)			Min Height:	Do Not Re grind	
Intake Pro / Rec:	.039" V/REC (.991 MM) *			Exhaust Pro / Rec:	.051" V/REC (1.295 MM) *	
Notes:	TURBO DIESEL, DIR INJ, 4 STROKE					
Comments:	* MAX V/REC: INTAKE .089", EXHAUST .110" ** REPORTED MEMBER # 77					
ISUZU	7.8	475		6HK1-TC	98-01	6HK1-TC
Intake Pro / Rec:	.025-.043"V/REC(.635-1.0921MM) MAX.098			Exhaust Pro / Rec:	.025-.043"V/REC(.635-1.0921MM)MA	
Notes:	6HK1-TC, TURBO DIESEL, DIR INJ, OHC 4 VALVE/CYL					
Comments:	* APPLY MOLYBDENUM GREASE FOR M14 BOLTS, APPLY ENGINE OIL FOR M10 BOLTS.					
ISUZU	8.4	513		6SA1	84-92	6SA1
New Height:	6.8110-6.8120" (172.999-173.025 MM) *			Min Height:	6.8000" (172.72 MM) *	
Intake Pro / Rec:	.063-.102" V/REC (1.6-2.591 MM)			Exhaust Pro / Rec:	.063-.102" V/REC (1.6-2.591 MM)	
Notes:	OHC, DIESEL					
Comments:	* MEASURED FROM THE CAM CENTERLINE-DECK OF HEAD(SPLIT LINE OF CAM CAP)					
ISUZU	8.4	513		6SA1-T	86-90	6SA1-T
New Height:	6.811-6.812" (172.999-173.025 MM) *			Min Height:	6.800" (172.72 MM) *	
Intake Pro / Rec:	-.022 TO +.018" (-.559 TO +.457 MM) **			Exhaust Pro / Rec:	.063-.102" V/REC (1.6-2.591 MM)	
Notes:	TURBO DIESEL					
Comments:	* MEASURED FROM CAM CENTERLINE-DECK OF HEAD (SPLIT LINE OF CAM CAP). ** THRU ENG SERIAL #500829 HAVE 45° ANGLE & .063-.102 V/REC					
ISUZU	9.8	598		6SD1	91-98	6SD1
New Height:	6.811-6.812" (173.000-173.020 mm)			Min Height:	6.799" (172.700 mm)	
Intake Pro / Rec:	.010-.058" V/REC.			Exhaust Pro / Rec:	.060-.102" V/REC.	
Notes:	OHC, DIESEL					
ISUZU	12.0	733		6R	70-80	6RB2T
Intake Pro / Rec:	+.020--.060" (.508--1.524 MM)			Exhaust Pro / Rec:	.040-.120" V/REC" (1.016-3.048 MM)	
Notes:	6RB2T TURBO DIESEL					
ISUZU	12.0	733		6RA1	70-80	6RA1
Intake Pro / Rec:	+.020 TO -.060" (+.508 TO -1.524 MM)			Exhaust Pro / Rec:	.040-.120" V/REC (1.016-3.048 MM)	
Notes:	6RA1 & 6RA2 DIESEL					
ISUZU	12.0	733		E120	70-80	E120
New Height:	5.7854-5.7894" (146.949-147.051 MM)			Min Height:	5.7697" (146.55 MM)	
Intake Pro / Rec:	+.025 TO -.059" (+.635 TO -1.499 MM)			Exhaust Pro / Rec:	.040-.118" V/REC (1.016-2.997 MM)	
Notes:	E120 & E120H DIESEL					
ISUZU	13.7	838		6RB1	78-88	6RB1
New Height:	5.7830-5.7910" (146.900-147.100 MM)			Min Height:	5.7720" (146.608 MM)	
Intake Pro / Rec:	+.020 TO -.060" (+.508 TO -1.524 MM)			Exhaust Pro / Rec:	.040-.120" V/REC (1.016-3.048 MM)	
Notes:						
ISUZU	13.7	838		6RB1T	78-88	6RB1T
New Height:	5.7830-5.7910" (146.900-147.100 MM)			Min Height:	5.7720" (146.608 MM)	
Intake Pro / Rec:	.071-.150" (1.803-3.810 MM)			Exhaust Pro / Rec:	.063-.142" (1.600-3.606 MM)	

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
ISUZU						
				6 Cylinders (cont.)		
ISUZU	13.7	838		6RB2	78-88	6RB2
New Height:	5.7830-5.7910" (146.900-147.100 MM)			Min Height:	5.7720" (146.608 MM)	
Intake Pro / Rec:	+.020" TO -.060" (+.508 TO -1.524 MM)			Exhaust Pro / Rec:	.040-.120 "V/REC (1.016-3.048 MM)	
<hr/>						
				8 Cylinders		
ISUZU	5.3	325	P	ASCENDER	03-05	LM4
New Height:	4.732" (120.200 MM)					
Notes:	DOHC					
Comments:	* 4 STEP HEAD TORQUE: 1) ALL M11 BOLTS 22 FT/LBS, 2) ALL M11 BOLTS +90r, 3) ALL M11 BOLTS EXCEPT MED LENGTH BOLTS @ FRONT & REAR OF EACH CYL +90r, 4) M11 MED LENGTH BOLTS @ FRONT & REAR +50r.					
<hr/>						
				4 Cylinders		
IVECO	3.7	224		8045		8045
New Height:	3.6240" (92.05 MM)			Min Height:	3.614" (91.796 MM)	
Intake Pro / Rec:	.028-.039" V/REC (.711-.991 MM)			Exhaust Pro / Rec:	.028-.039" V/REC (.711-.991 MM)	
Casting Numbers:	Head #:4782860					
Notes:	4.055 BORE, 4.330 STROKE					
IVECO	3.9	238		8040	85-94	8040
New Height:	3.6240" (92.05 MM)			Min Height:	3.614" (91.796 MM)	
Intake Pro / Rec:	.028-.039" V/REC (.711-.991 MM)			Exhaust Pro / Rec:	.028-.039" V/REC (.711-.991 MM)	
Casting Numbers:	Head #:46812 Block #: 4848604					
Notes:	4.094 BORE, 4.527 STROKE					
IVECO	3.9	238		8040.05		8040.05
New Height:	3.6240" (92.05 MM)			Min Height:	3.614" (91.796 MM)	
Intake Pro / Rec:	.028-.039" V/REC (.711-.991 MM)			Exhaust Pro / Rec:	.028-.039" V/REC (.711-.991 MM)	
Casting Numbers:	Head #:46812					
Notes:	8040.05 NON TURBO 4.094"BORE & 4.527"STROKE					
IVECO	3.9	238		8045(2)		FD-5
New Height:	3.6240" (92.05 MM)			Min Height:	3.614" (91.796 MM)	
Intake Pro / Rec:	.028-.039" V/REC (.711-.991 MM)			Exhaust Pro / Rec:	.028-.039" V/REC (.711-.991 MM)	
Casting Numbers:	Head #:46812					
Notes:	4.095 BORE, 4.527 STROKE, FD-5					
IVECO	5.4	330		CO3		FL9
New Height:	3.9283-3.9370" (99.779-100. MM)			Min Height:	3.9086" (99.278 MM)	
Intake Pro / Rec:	.008-.024" V/REC (.203-.61 MM)			Exhaust Pro / Rec:	.016-.032" V/REC (.406-.813 MM)	
Casting Numbers:	Head #:E0SC-AC					
Notes:	DIESEL, 8-B CRAWLER, FL9					
<hr/>						
				6 Cylinders		
IVECO	5.5	336		8060.24		8060.24
New Height:	* SEE COMMENTS					
Intake Pro / Rec:	.028-.039" V/REC (.711-.991 MM)			Exhaust Pro / Rec:	.028-.039" V/REC (.711-.991 MM)	
Notes:	DIESEL, 4.055 BORE, 4.331 STROKE, NON-FLANGED LINER					
Comments:	* HEAD SPECS NEED-BE VERIFIED, MERGED FROM MODEL 8060.25					
IVECO	5.5	336		8065.04		8065.04
Intake Pro / Rec:	.027-.043" V/REC (.686-1.092 MM)			Min Height:	.020" MAX REMOVE (.508 MM)	
Exhaust Pro / Rec:	.027-.043" V/REC (.686-1.092 MM)					
Casting Numbers:	Head #:4861953					
Notes:	4.055 BORE, 4.330 STROKE, NON TURBO					
Comments:	* RETORQUE AFTER 100 HRS OF OPERATION					
IVECO	5.5	336		8065.24		8065.24
Intake Pro / Rec:	.027-.043" V/REC (.686-1.092 MM)			Min Height:	.020" MAX REMOVE (.508 MM)	
Exhaust Pro / Rec:	.027-.043" V/REC (.686-1.092 MM)					
Casting Numbers:	Head #:4861953					
Notes:	TURBO, 4.055 BORE, 4.330 STROKE					
Comments:	* RETORQUE AFTER 100 HRS OF OPERATION					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
IVECO						6 Cylinders (cont.)
IVECO	5.9	358		8060		8060
New Height:	3.626" (92.1 MM)			Min Height:	3.314" (84.176 MM)	
Intake Pro / Rec:	.028-.039" V/REC (.711-.991 MM)			Exhaust Pro / Rec:	.028-.039" V/REC (.711-.991 MM)	
Casting Numbers:	Head #:4681246, 4681253 Block #: 4678123					
Notes:	DIESEL, 4.094 BORE, 4.528 STROKE, 8060.25					
IVECO	5.9	358		8065.05		8065.05
Intake Pro / Rec:	.027-.039" V/REC (.686-.991 MM)			Exhaust Pro / Rec:	.027-.039" V/REC (.686-.991 MM)	
Notes:	4.095 BORE, 4.527 STROKE, NON TURBO					
Comments:	* RETORQUE AFTER 100 HRS OF OPERATION					
IVECO	5.9	358		8065.25		8065.25
Intake Pro / Rec:	.027-.039" V/REC (.686-.991 MM)			Exhaust Pro / Rec:	.027-.039" V/REC (.686-.991 MM)	
Notes:	TURBO, 4.095 BORE, 4.527 STROKE					
Comments:	* RETORQUE AFTER 100 HRS OF OPERATION					
IVECO	7.4	452		CP3	70-79	CP3
New Height:	3.930-3.945" (99.822-100.203 MM)			Min Height:	3.910" (99.314 MM)	
Intake Pro / Rec:	.004-.020" REC (.102-.508 MM) *			Exhaust Pro / Rec:	.004-.020" REC (.102-.508 MM) *	
Notes:	FL 10 LOADER					
Comments:	* MAX VALVE RECESSON .028 I&E					
IVECO	8.1	494		8361		8361SRM37
Intake Pro / Rec:	.004-.020" V/REC (.100-.500 MM)			Exhaust Pro / Rec:	.016-.031" V/REC (.400-.800 MM)	
Notes:	TURBO DIESEL, DIR INJ, 8361SRM37 ENGINE					
IVECO	8.1	494		8365		8365
New Height:	3.9283-3.9370" (99.779-100. MM)			Min Height:	3.9170" (99.492 MM)	
Intake Pro / Rec:	.004-.020" V/REC (.102-.508 MM)			Exhaust Pro / Rec:	.016-.031" V/REC (.406-.787 MM)	
Casting Numbers:	Head #:4705976					
Notes:	FL10C FIAT ALLIS					
IVECO	8.1	494		8365.25.540		8365.25.540
New Height:	3.928-3.937" (99.780-100.000 MM)			Min Height:	3.908" (99.263 MM)	
Intake Pro / Rec:	.004-.020" V/REC (.100-.500 MM)			Exhaust Pro / Rec:	.016-.031" V/REC (.400-.800 MM)	
Notes:	TURBO DIESEL					
IVECO	9.8	599		8205		8205
Intake Pro / Rec:	.039-.063" V/REC (.991-1.6 MM)			Exhaust Pro / Rec:	.039-.063" V/REC (.991-1.6 MM)	
Casting Numbers:	Head #:4647836 Block #: 4578893					
Notes:	8205.02, 4.803 BORE, 5.512 STROKE					
IVECO	10.3	629	1	8205		8205.03
New Height:	4.9100-4.9200" (124.714-124.968 MM)			Min Height:	4.8900" (124.206 MM)	
Intake Pro / Rec:	.039-.063" V/REC (.991-1.6 MM)			Exhaust Pro / Rec:	.039-.063" V/REC (.991-1.6 MM)	
Casting Numbers:	Head #:4647836					
Notes:	8205.03, 4.921 BORE, 5.512 STROKE					
IVECO	13.8	842		8215.02		8215.02
New Height:	5.5108-5.5518" (139.974-141.016 MM)			Exhaust Pro / Rec:	.051-.075" V/REC (1.295-1.905 MM)	
Intake Pro / Rec:	.051-.075" V/REC (1.295-1.905 MM)					
Notes:	DIESEL, DIR INJ, F20B EXCAVATOR					
IVECO	13.8	842		8215.22		8215.22
New Height:	5.5108-5.5118" (139.974-140. MM)			Exhaust Pro / Rec:	.051-.075" V/REC (1.295-1.905 MM)	
Intake Pro / Rec:	.051-.075" V/REC (1.295-1.905 MM)					
Notes:	DIESEL, TURBO, DIR INJ					
IVECO						8 Cylinders
IVECO	0.0	0		8285		8285
Intake Pro / Rec:	.012-.028" V/REC (.305-.711 MM)			Min Height:	MAX REMOVE .020" (.508 MM)	
Exhaust Pro / Rec:				.012-.028" V/REC (.305-.711 MM)		
Comments:	*MEASURED FROM VALVE COVER RAIL-TOP OF GUIDE.					
JAGUAR						6 Cylinders
JAGUAR	3.4	210	C	XK140		61-65
Intake Hgt:	1.375" (34.925 MM)			Exhaust Hgt:	1.375" (34.925 MM)	
Casting Numbers:	Head #:26201C					
Notes:	XK 140					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
JAGUAR				6 Cylinders (cont.)		
JAGUAR	3.6	219		XJ6	88-92	AJ6
Intake Hgt:	1.4100" (35.814 MM) *			Min Height:	5.1010" (129.565 MM)	
Casting Numbers:	Head #:EAC4002			Exhaust Hgt:	1.4100" (35.814 MM) *	
Notes:	DOHC, XJ6, 24 VALVE, AJ6 ENGINE					
Comments:	*BLUE PRINT:VLV TIP-BASE CRCL OF CAM.332-.334"					
JAGUAR	3.8	230	C		55-64	
Intake Hgt:	.320" (8.128 MM) *			Exhaust Hgt:	.320" (8.128 MM) *	
Comments:	*.320 PLUS THE VALVE LASH FROM THE CAM BASE CIRCLE-THE VALVE TIP. PUCKS ARE IN .001 INCRIMENTS FROM A-Z BEGINNING AT A=.085					
JAGUAR	4.0	243		XJS	93-96	AJ16
New Height:	5.116" (129.946 MM)			Min Height:	5.106" (129.692 MM)	
Casting Numbers:	Head #:E684, EAC707PB					
Notes:	XJS					
JAGUAR	4.0	243	7	XJ6	90-97	
New Height:	5.116" (129.946 MM)			Min Height:	5.106" (127.406 MM)	
Casting Numbers:	Head #:E684, EAC707PB					
Notes:	XJ6					
JAGUAR	4.2	258		XJ6	66-87	
New Height:	4.8750" (123.825 MM)			Min Height:	4.8550" (123.317 MM)	
Intake Hgt:	1.4100" (35.814 MM) *			Exhaust Hgt:	1.4100" (35.814 MM) *	
Casting Numbers:	Head #:BA85307, C24540C2143					
Notes:	XJ6, DOHC					
Comments:	* BLUE PRINT: VLV TIP-BASE CRCL OF CAM.332-.334" WITH THE LIFTER REMOVED.					
JAGUAR				8 Cylinders		
JAGUAR	4.0	244	7	XK8	97-03	AJ28
New Height:	5.161" (131.089 MM)			Min Height:	NONE SUPPLIED BY OEM	
Intake Hgt:	1.7650" (44.831 MM)			Exhaust Hgt:	1.7700" (44.958 MM)	
Notes:	XK8, ALSO VIN 2 & VIN 8 (SUPERCHARGED)					
JAGUAR				12 Cylinders		
JAGUAR	5.3	326	XJS		72-90	
New Height:	3.652" REPORTED (92.761 MM) *			Min Height:	N/A	
Casting Numbers:	Head #:3209P, 3210P					
Notes:	V-12 GAS					
Comments:	* DIMENSION IS FROM THE ROCKER BOX-THE DECK					
JAGUAR	6.0	366	XJ12	XJS	94-96	
New Height:	3.652" REPORTED (92.761 MM) *			Min Height:	N/A	
Notes:	V-12 GAS, XJS					
Comments:	* DIMENSION IS FROM THE ROCKER BOX-THE DECK					
JEEP				8 Cylinders		
JEEP	5.9	360			71-91	
Intake Hgt:	1.960-1.970" *			Exhaust Hgt:	1.960-1.970" *	
Casting Numbers:	Head #:3212993, 3216090, 3233344					
Notes:	VIN N & 7, 2BC					
Comments:	* REPORTED #33769 12/05/01 MC					
JEEP	6.6	401			74-78	
Intake Hgt:	1.9500-1.9900" (49.53-50.546 MM)			Exhaust Hgt:	1.9500-1.9900" (49.53-50.546 MM)	
Casting Numbers:	Head #:3196291, 3212993, 3212993, 3216060, 3219993, 3220502, 3231475, 3233344 Block #: 3198951					
Notes:	VIN Z, 4BC					
JOHN DEERE				2 Cylinders		
JOHN DEERE	1.6	100		40	52-57	40 SERIES
Intake Hgt:	2.3000" (58.42 MM)			Exhaust Hgt:	2.3000" (58.42 MM)	
Casting Numbers:	Head #:M1768T, M3939T, M3995T, M56T					
Notes:	GAS, 40 SERIES, 320/330 & M SERIES TRACTORS					
Comments:	* MEASURED FROM PORT END-GASKET SURFACE OF CYL HEAD.					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
JOHN DEERE				2 Cylinders		(cont.)
JOHN DEERE	1.6	100			52-57	40 SERIES
New Height: 4.3000-4.3120" (109.22-109.525 MM) Castings Numbers: Head #:M1768T, M3939T, M56T, M56T Notes: 40, 320/330 & M SERIES TRACTORS						
JOHN DEERE	1.7	101		40		
New Height: 4.3000-4.31200" (109.22-109.525 MM) Intake Hgt: NOT AVAILABLE Exhaust Hgt: NOT AVAILABLE Castings Numbers: Head #:A3367R, A4226R, B1784R, B2501, M56T Block #: A3462R, A3703R, B1783R, B2500, M64-7 Notes: M, 40, 320, 330 TRACTORS Comments: AFTER SERIAL #200999						
JOHN DEERE	1.8	113		420		
New Height: 4.3000-4.31200" (109.22-109.525 MM) Intake Hgt: NOT AVAILABLE Exhaust Hgt: NOT AVAILABLE Castings Numbers: Head #:A3367R, A4226R, B1784R, B2501, M56T Block #: A3462R, A3703R, B1783R, B2500 Notes: 420 430 & 440 TRACTORS Comments: AFTER SERIAL #200999						
JOHN DEERE	1.9	113		420		
New Height: 4.2850" (108.839 MM) Castings Numbers: Head #:M3035T, M3995, M3995T Block #: T10474T Notes: 420 GAS TRACTOR Comments: * FROM TOP OF COMBUSTION CHAMBER						
JOHN DEERE	1.9	113		430		
New Height: 4.2850" (108.839 MM) Castings Numbers: Head #:M3035T, M3995 Notes: 430 GAS TRACTOR Comments: * FROM TOP OF COMBUSTION CHAMBER						
JOHN DEERE	1.9	113		440		
New Height: 4.2850" (108.839 MM) Castings Numbers: Head #:M3995 Notes: 440 GAS TRACTORS Comments: * FROM TOP OF COMBUSTION CHAMBER.						
JOHN DEERE	2.4	149	EARLY	B	32-46	B SERIES
New Height: 4.3000-4.3120" (109.22-109.525 MM) Notes: B SERIES, 4.250" X 5.250" TO S/N 59999						
JOHN DEERE	2.9	175		B		B SERIES
New Height: 4.3000-4.3120" (109.22-109.525 MM) Castings Numbers: Head #:B1306R, B1784R, B2501R, B2871R, B357R Block #: B1305R, B1783R, B2500R, B354, B354R, B560 Notes: B SERIES, 4.500" X 5.500" FROM S/N 200999						
JOHN DEERE	5.3	321		60		
Intake Hgt: 3.220-3.240" ** Exhaust Hgt: 3.220-3.240" ** Castings Numbers: Head #:A4625R Block #: A4320R Notes: GAS, 60 SERIES Comments: * DISTANCE FROM PORT END OF GUIDES-GASKET SURF OF CYL HEAD. ** REPORTED MEMBER #12588 03-29-05 MC						
JOHN DEERE	5.3	321		A	34-52	
Intake Hgt: 2.820" * Exhaust Hgt: 2.820" * Castings Numbers: Head #:0, A2325R, A3367R, A4226R, A587R Block #: A3462R, A3703R, A4320R Notes: MODEL A GAS TRACTOR, EARLY ENG HAVE A 6.5" STROKE Comments: * REPORTED 8-7-01 MC						
JOHN DEERE	6.2	376	D	70	55-55	
Intake Pro / Rec: .150-.157" REC Exhaust Pro / Rec: .150-.157" REC Castings Numbers: Head #:F1958R Notes: 70 DIESEL TRACTOR, SEE 730 SPECS ALSO						

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
JOHN DEERE				2 Cylinders (cont.)		
JOHN DEERE	6.2	376	D	730		
Intake Pro / Rec:	.150-.157" REC			Exhaust Pro / Rec:	.150-.157" REC	
Castings Numbers:	Head #:F3211R Block #: F1956R, F3510R					
Notes:	730 DIESEL TRACTOR					
JOHN DEERE	6.8	413		G	38-53	
Intake Pro / Rec:	+.150" REPORTED (3.81 MM)			Exhaust Pro / Rec:	+.150" REPORTED (3.81 MM)	
Castings Numbers:	Head #:280R, F486R, F49R, F551R Block #: F485R, F550R					
Notes:	G GAS TRACTOR					
JOHN DEERE	6.8	416		R SERIES	49-54	416 DIESEL
New Height:	5.1250" (130.175 MM)					
Intake Pro / Rec:	.035-.075" V/REC (.889-1.905 MM)					
Castings Numbers:	Head #:R49R					
Notes:	R SERIES DIESEL TRACTOR					
JOHN DEERE	8.2	501		D		
Intake Pro / Rec:	+.150" REPORTED (3.81 MM)			Exhaust Pro / Rec:	+.150" REPORTED (3.81 MM)	
Castings Numbers:	Head #:280R					
Notes:	D GAS TRACTOR					
JOHN DEERE				3 Cylinders		
JOHN DEERE	0.0	0		3TG66		3TG66
Intake Pro / Rec:	.020" MAX V/REC (.508 MM)			Min Height:	.008" MAX RESURF (.203 MM)	
Notes:	GAS, YANMAR, MOWER F912, GARDEN TRACTOR 322			Exhaust Pro / Rec:	.020" MAX V/REC (.508 MM)	
JOHN DEERE	0.0	0		3TG72		3TG72
Intake Pro / Rec:	.024" MAX V/REC (.61 MM)			Min Height:	.008" MAX (.203 MM)	
Notes:	GAS, YANMAR MOWER F932			Exhaust Pro / Rec:	.024" MAX V/REC (.61 MM)	
JOHN DEERE	0.8	48		3TNE68		3TNE68
Intake Pro / Rec:	.012-.020" V/REC (.300-.500 MM)			Exhaust Pro / Rec:	.030-.037" (.750-.950 MM)	
Notes:	DIESEL, YANMAR					
JOHN DEERE	0.9	54		3TNA72		3TNA72
Intake Pro / Rec:	.020" V/REC (.508 MM)			Min Height:	.008" MAX REMOVE (.203 MM)	
Castings Numbers:	Head #:NA72 Block #: 2B8304					
Notes:	3009 DIESEL, YANMAR ENGINE, 755/756 TRACTOR					
Comments:	HOT-CUPS OR PRE-CUPS FROM YANMAR 119656-11410 REPOERTED # 2715 01-28-05 MC					
JOHN DEERE	1.0	61		3TN75		3TN75RJ
Intake Pro / Rec:	.012-.020" V/REC (.305-.508 MM)			Min Height:	.008" MAX REMOVE (.203 MM)	
Notes:	855/856 TRACTOR DIESEL, YANMAR, DIRECT INJECTION			Exhaust Pro / Rec:	.012-.020" V/REC (.305-.508 MM)	
JOHN DEERE	1.0	61		750	81-88	3TNE74
Intake Pro / Rec:	.016-.024" V/REC (.400-.600 MM)			Exhaust Pro / Rec:	* SEE COMMENTS	
Notes:	DIESEL, 750, YANMAR 3TNE74, INDIRECT INJECTION					
Comments:	* EXHAUST VALVE REC: VM=.030-.037", CH=.016-.024", VH=.016-.024".					
JOHN DEERE	1.2	70		3TNC78		3TNC78
Intake Pro / Rec:	.012-.020" V/REC (.305-.508 MM)			Min Height:	.008" MAX REMOVE (.203 MM)	
Notes:	3011 DIESEL, YANMAR ENGINE, DIRECT INJECTION			Exhaust Pro / Rec:	.012-.020" V/REC (.305-.508 MM)	
JOHN DEERE	1.2	75		3TN78		3TN78
Intake Pro / Rec:	.012-.020" V/REC (.305-.508 MM)			Min Height:	.008" MAX REMOVE (.203 MM)	
Notes:	DIESEL, YANMAR, DIR INJ					
JOHN DEERE	1.3	78		380UJ		750
New Height:	3.152" (80.061 MM)					
Intake Pro / Rec:	.045-.065" V/REC (1.143-1.651 MM)			Exhaust Pro / Rec:	.045-.065" V/REC (1.143-1.651 MM)	
Notes:	750 YANMAR DIESEL					
Comments:	*NEW GUIDES SHOULD BE PRESSED INTO CYL HEAD UNTIL GROOVE IN GUIDE IS JUST ABOVE UPPER SURFACE OF CYLHEAD.					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
JOHN DEERE				3 Cylinders		(cont.)
JOHN DEERE	1.3	78		3T80J		850
New Height: 3.152" (80.061 MM)						
Intake Pro / Rec: .045-.065" V/REC (1.143-1.651 MM)			Exhaust Pro / Rec: .045-.065" V/REC (1.143-1.651 MM)			
Notes: 850 YANMAR DIESEL						
Comments: *NEW GUIDES SHOULD BE PRESSED INTO CYL HEAD UNTIL GROOVE IN GUIDE IS JUST ABOVE UPPER SURFACE OF CYLHEAD.						
JOHN DEERE	1.4	83		3TN82		3TN82
New Height: 2.955" (75.057 MM)				Min Height: .008" MAX REMOVE (.203 MM)		
Intake Pro / Rec: .012-.020" V/REC (.305-.508 MM)			Exhaust Pro / Rec: .012-.020" V/REC (.305-.508 MM)			
Notes: 3TNA82, DIESEL, YANMAR, DIR INJ						
JOHN DEERE	1.4	87		3TN84		3TN84RJ
Intake Pro / Rec: .012-.020" V/REC (.305-.508 MM)				Min Height: .008" MAX REMOVE (.203 MM)		
Notes: DIESEL, 955 & 3014 TRACTOR, YANMAR ENG, DIR INJ				Exhaust Pro / Rec: .012-.020" V/REC (.305-.508 MM)		
JOHN DEERE	1.6	100		3TNE88		3TNE88
Intake Pro / Rec: .012-.020" V/REC (.306-.506 MM)				Exhaust Pro / Rec: .012-.020" V/REC (.300-.500 MM)		
Notes: DIESEL, YANMAR ENGINE						
JOHN DEERE	1.7	105		3T90J		3T90J
New Height: 3.348-3.352" (85.039-85.141 MM)				Min Height: 3.332" (84.433 MM)		
Intake Pro / Rec: .045-.065" V/REC (1.143-1.651 MM)			Exhaust Pro / Rec: .045-.065" V/REC (1.143-1.651 MM)			
Casting Numbers: Head #:3T84						
Notes: MODEL 950, 1050, YANMAR DIESEL						
Comments: *NEW GUIDES SHOULD BE PRESSED INTO CYL HEAD UNTIL GROOVE IN GUIDE IS JUST ABOVE UPPER SURFACE OF CYLHEAD.						
JOHN DEERE	1.7	105		3T90TJ		3T90TJ
New Height: 3.348-3.352" (85.039-85.141 MM)				Min Height: 3.332" (84.433 MM)		
Intake Pro / Rec: .022-.041" V/REC (.559-1.041 MM)			Exhaust Pro / Rec: .022-.041" V/REC (.559-1.041 MM)			
Casting Numbers: Head #:3T84, E7TE-PA						
Notes: 850, 950, 1050, TURBO YANMAR DIESEL						
Comments: *NEW GUIDES SHOULD BE PRESSED INTO CYL HEAD UNTIL GROOVE IN GUIDE IS JUST ABOVE UPPER SURFACE OF CYL HEAD.						
JOHN DEERE	2.2	135	G	1020 TRACTOR		
New Height: 4.800"						
Casting Numbers: Head #:T19974T, T24755						
Notes: 1020 GAS TRACTOR, 350 DOZER						
JOHN DEERE	2.5	152	D	820, 830 & 1020 T		152 DIESEL
New Height: 4.1290-4.1390" (104.877-105.131 MM)				Min Height: 4.1040" (104.242 MM)		
Intake Pro / Rec: .030-.044" V/REC (.762-1.118 MM) *			Exhaust Pro / Rec: .050-.064" V/REC (1.27-1.626 MM) *			
Casting Numbers: Head #:247, 247T, F2703R, R1311, R2703R, R58685, R58686, R5885, R5886, T24755, T24755T, T2912						
Notes: DIESEL, 820, 830, 1020 TRACTORS						
Comments: * MAX VALVE REC .118						
JOHN DEERE	2.7	164	D	360 DOZER		164 DIESEL
New Height: 4.1290-4.1390" (104.877-105.131 MM)				Min Height: 4.1040" (104.242 MM)		
Intake Pro / Rec: .030-.044" V/REC (.762-1.118 MM) *			Exhaust Pro / Rec: .050-.064" V/REC (1.27-1.626 MM) *			
Casting Numbers: Head #:247, 55T, R54560, R55850, R57078, R58685, R58686, T23516T, T24755, T24755T, T24756T, T2649, T2912 Block #: R55120, R72695, R80408						
Notes: DIESEL, 350 DOZER, 1020, 1520, 1530, 2020, 2040 TRACTORS						
Comments: * MAXIMUM VALVE/ REC .118"						
JOHN DEERE	2.7	164	G	1520 TRACTOR		164 GAS
New Height: 4.1290-4.1390" (104.877-105.131 MM)				Min Height: 4.1040" (104.242 MM)		
Casting Numbers: Head #:T19974T Block #: T32339, T32347						
Notes: GAS, 1520 TRACTOR						
JOHN DEERE	2.9	179	D	179T		179 TURBO DI
New Height: 4.129-4.139" (104.877-105.131 MM)				Min Height: 4.104" (104.242 MM)		
Intake Pro / Rec: .023-.047" V/REC (.584-1.194 MM)			Exhaust Pro / Rec: .038-.072" V/REC (.965-1.829 MM)			
Casting Numbers: Head #:R58685, R58686, R90736, T24755, T2912 Block #: R72962, R72971, R89834						
Notes: TURBO DIESEL						
Comments: * 4.41" SCREW: 75#, 110#, WAIT 5 MIN, 110#, + 60°						

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
JOHN DEERE				3 Cylinders		(cont.)
JOHN DEERE	2.9	179	D	2240		179 DIESEL
New Height:	4.129-4.139" (104.877-105.131 MM)			Min Height:	4.104" (104.242 MM)	
Intake Pro / Rec:	.023-.047" V/REC (.584-1.194 MM)			Exhaust Pro / Rec:	.038-.072" V/REC (.965-1.829 MM)	
Casting Numbers:	Block #:R72962, R72971, R89834					
Notes:	DIESEL 2240 TRACTOR					
Comments:	* 4.41" SCREW: 75#,110#,WAIT 5 MIN,110#,+ 60°					
JOHN DEERE	2.9	179	D	3029D		300 SERIES
New Height:	4.129-4.139" (104.877-105.131 MM)			Min Height:	4.104" (104.242 MM)	
Intake Pro / Rec:	.024-.044" V/REC (.61-1.118 MM)			Exhaust Pro / Rec:	.048-.068" V/REC (1.219-1.727 MM)	
Casting Numbers:	Head #:R129305					
Notes:	METRIC 300 SERIES DIESEL					
JOHN DEERE	2.9	179	D	3029T		300 SERIES TR
New Height:	4.129-4.139" (104.877-105.131 MM)			Min Height:	4.104" (104.242 MM)	
Intake Pro / Rec:	.024-.044" V/REC (.61-1.118 MM)			Exhaust Pro / Rec:	.048-.068" V/REC (1.219-1.727 MM)	
Casting Numbers:	Head #:R129305					
Notes:	METRIC 300 SERIES TURBO DIESEL					
JOHN DEERE				4 Cylinders		
JOHN DEERE	0.0	0		190		190
New Height:	3.346" (84.988 MM)					
Intake Pro / Rec:	.020" MAX V/REC (.508 MM)			Exhaust Pro / Rec:	.020" MAX V/REC (.508 MM)	
Casting Numbers:	Head #:4T95, B3741R					
Notes:	GAS, MODEL 1650					
JOHN DEERE	1.8	111		4TN82		4TN82
Intake Pro / Rec:	.012-.020" V/REC (.305-.508 MM)			Exhaust Pro / Rec:	.012-.020" V/REC (.305-.508 MM)	
Notes:	DIESEL, YANMAR, 750 SKID LOADER					
JOHN DEERE	1.9	116		4TN84		4TN84
Intake Pro / Rec:	.012-.020" V/REC (.305-.508 MM)			Min Height:	.008" MAX REMOVE (.203 MM)	
Exhaust Pro / Rec:	.012-.020" V/REC (.305-.508 MM)					
Notes:	4019D DIESEL, YANMAR ENGINE, TURBO & NON-TURBO					
JOHN DEERE	2.2	134		4TNE88		4TNE88
Intake Pro / Rec:	.012-.020" V/REC (.306-.509 MM)			Exhaust Pro / Rec:	.012-.020" V/REC (.300-.500 MM)	
Notes:	DIESEL, YANMAR ENGINE, DIRECT INJECTION					
JOHN DEERE	2.4	145	D	1010 & 2010 TRA		115 DIESEL
Intake Pro / Rec:	.030-.050" V/REC (.762-1.27 MM)			Exhaust Pro / Rec:	.040-.060" V/REC (1.016-1.524 MM)	
Casting Numbers:	Head #:T12930T, T15959, T17514					
Notes:	1010 & 2010 DIESEL TRACTOR					
JOHN DEERE	2.7	165	D	2010 TRACTOR		165 DIESEL
Intake Pro / Rec:	.030-.050" V/REC (.762-1.27 MM)			Exhaust Pro / Rec:	.040-.060" V/REC (1.016-1.524 MM)	
Casting Numbers:	Head #:T12930T, T15959, T17514, T17514T Block #: T17513					
Notes:	2010 DIESEL TRACTOR					
JOHN DEERE	3.0	180		2020		180 GAS
New Height:	4.1290-4.1390" (104.877-105.131 MM)			Min Height:	4.1040" (104.242 MM)	
Casting Numbers:	Head #:R54560, R56790, R57078, T2120, T24756					
Notes:	GAS, 2020 TRACTOR, JD400 WHEEL LOADER					
JOHN DEERE	3.1	186	G	186		
New Height:	4.1290-4.1340" (104.877-105.004 MM)			Min Height:	4.1040" (104.242 MM)	
Casting Numbers:	Head #:R54560					
Notes:	2020 GAS TRACTOR					
JOHN DEERE	3.1	190		1450		4T95J
New Height:	3.346" (85.000 MM)					
Intake Pro / Rec:	.000-.0197" V/REC			Exhaust Pro / Rec:	.000-.0197" V/REC	
Casting Numbers:	Head #:62747957					
Notes:	DIESEL, 1450 {& 1650 TRACTORS, 4T95J YANMAR ENGINE					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
JOHN DEERE				4 Cylinders		(cont.)
JOHN DEERE	3.3	202	D	2020 & 2510		202 DIESEL
New Height:	4.1290-4.1340" (104.877-105.004 MM)			Min Height:	4.1040" (104.242 MM)	
Intake Pro / Rec:	.023-.047" V/REC (.584-1.194 MM)			Exhaust Pro / Rec:	.038-.072" V/REC (.965-1.829 MM)	
Castings Numbers:	Head #:247, AT21334, R45660, R54560, R55850, R56790, R57078, T19973T, T2120, T247, T24756, T24756T Block #: T26933					
Notes:	2020, 2510, DIESEL					
JOHN DEERE	3.3	202	G	202		
New Height:	4.1290-4.1340" (104.877-105.004 MM)			Min Height:	4.1040" (104.242 MM)	
Intake Pro / Rec:	.023-.047" V/REC (.584-1.194 MM)			Exhaust Pro / Rec:	.038-.072" V/REC (.965-1.829 MM)	
Notes:	GAS					
JOHN DEERE	3.6	219	D	454		219 DIESEL
New Height:	4.1290-4.1340" (104.877-105.004 MM)			Min Height:	4.1040" (104.242 MM)	
Intake Pro / Rec:	.023-.047" V/REC (.584-1.194 MM)			Exhaust Pro / Rec:	.038-.064" V/REC (.965-1.626 MM)	
Castings Numbers:	Head #:234, 550, 86T, AT21334, R54560, R550, R55850, R56790, R57078, T19973T, T2120, T24756 Block #: R55011, R55034, R72972, T32342					
Notes:	454, 2030,2520,4020,J410,J440 JD450,DIESEL TRACTOR					
Comments:	HEAD TORQUE SEQNCE: <-- FRONT 18, 14, 10, 6, 2, 3, 7, 11, 15 <-- 17, 13, 9, 5, 1, 4, 8, 12, 16					
JOHN DEERE	3.6	219	T	2020		219 TURBO DI
New Height:	4.1290-4.1340" (104.877-105.004 MM)			Min Height:	4.1040" (104.242 MM)	
Intake Pro / Rec:	.023-.047" V/REC (.584-1.194 MM)			Exhaust Pro / Rec:	.038-.064" V/REC (.965-1.626 MM)	
Castings Numbers:	Head #:550, 86T, R54560, R550, R55850, R57078 Block #: R55011, R55034, R72972, T32342					
Notes:	450C, TURBO DIESEL, 2020, 2030, JD410, JD440					
Comments:	2020,2030 TRACTORS, JD410, JD440					
JOHN DEERE	3.9	239		239T		239 TURBO DI
New Height:	4.1290-4.1390" (104.877-105.131 MM)			Min Height:	4.1040" (104.242 MM)	
Intake Pro / Rec:	.023-.047" V/REC (.584-1.194 MM)			Exhaust Pro / Rec:	.038-.072" V/REC (.965-1.829 MM)	
Castings Numbers:	Head #:60422, CD16202, R54560, R54580, R57078, R58790, R66790 Block #: R55510, R72974, R80726, R81841, R81841T					
Notes:	TURBO & AFTERCOOLED DIESEL					
Comments:	* AFTER SER #686938 FINAL TORQUE IS 110 FT/LBS PLUS 60° FOR BOLTS WITH WASHERS ATTACHED-BOLT					
JOHN DEERE	3.9	239		2750		239 DIESEL
New Height:	4.1290-4.1390" (104.877-105.131 MM)			Min Height:	4.1040" (104.242 MM)	
Intake Pro / Rec:	.023-.047" V/REC (.584-1.194 MM)			Exhaust Pro / Rec:	.038-.072" V/REC (.965-1.829 MM)	
Castings Numbers:	Head #:60422, CD16202, R54560, R54580, R56790, R57078, R58790, R66790, T2120, T24756 Block #: CD16285, R55510, R72974, R80726, R81841, R81841T					
Notes:	DIESEL, 2750					
Comments:	* AFTER SER #686938 FINAL TORQUE IS 110 FT/LBS PLUS 60° FOR BOLTS WITH WASHERS ATTACHED TO BOLT					
JOHN DEERE	3.9	239	D	4039D		300 SERIES
New Height:	4.129-4.139" (104.877-105.131 MM)			Min Height:	4.104" (104.242 MM)	
Intake Pro / Rec:	.024-.044" V/REC (.61-1.118 MM)			Exhaust Pro / Rec:	.048-.068" V/REC (1.219-1.727 MM)	
Castings Numbers:	Head #:R111849, R112746, R97628 Block #: R124850					
Notes:	DIESEL, METRIC 300 SERIES					
JOHN DEERE	3.9	239	D	4039T		300 SERIES TR
New Height:	4.129-4.139" (104.877-105.131 MM)			Min Height:	4.104" (104.242 MM)	
Intake Pro / Rec:	.024-.044" V/REC (.61-1.118 MM)			Exhaust Pro / Rec:	.048-.068" V/REC (1.219-1.727 MM)	
Notes:	TURBO DIESEL, METRIC 300 SERIES, 2755, 6040					
Comments:	* #1 AT TDC COMPRESSION STROKE, ADJUST 1&3 EXHAUST 1&2 INTAKE, ROTATE CRANKSHAFT 360° #4 AT TDC COMPRESSION ADJUST 2&4 EXHAUST 3&4 INTAKE.					
JOHN DEERE	4.0	241		3010 & 3020		241 GAS
New Height:	6.1200-6.1250" (155.448-155.575 MM)			Min Height:	6.0900" (154.686 MM)	
Intake Hgt:	2.1815-2.1845" (55.41-55.486 MM)			Exhaust Hgt:	2.1870-2.1900" (55.55-55.626 MM)	
Castings Numbers:	Head #:R26020, R26020R, R26030, R32040, R32040R, R34860, R34860R, R40530, R40540, R45160, R45170 Block #: R26150, R33180R					
Notes:	3010, 3020 GAS TRACTOR SER # 123000->					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
JOHN DEERE				4 Cylinders (cont.)		
JOHN DEERE	4.2	254		3010	61-63	
New Height:	6.1200-6.1250" (155.448-155.575 MM)			Min Height:	6.0900" (154.686 MM)	
Intake Pro / Rec:	.038-.050" V/REC (.965-1.27 MM)			Exhaust Pro / Rec:	.054-.068" V/REC (1.372-1.727 MM)	
Casting Numbers:	Head #:R26030, R26030R, R32040, R34860, R40540, R45170					
Notes:	3010 DIESEL TRACTOR					
Comments:	*DISTANCE FROM PORT END OF GUIDE-GASKET SURFACE OF CYL HEAD.					
JOHN DEERE	4.4	270	D	3020		4270 DIESEL
New Height:	6.1200-6.1250" (155.448-155.575 MM)			Min Height:	6.0900" (154.686 MM)	
Intake Pro / Rec:	.038-.050" V/REC (.965-1.27 MM)			Exhaust Pro / Rec:	.054-.068" V/REC (1.372-1.727 MM)	
Casting Numbers:	Head #:R26020, R26030, R26030R, R32040, R32040R, R34860, R34860R, R34880R, R40530R, R40540, R40540R, R45170					
	Block #: R26160, R32020, R40700, R40850, R40850R, R40910, R46350, R46430, R47520, R48430					
Notes:	3020 DIESEL TRACTOR					
Comments:	* PORT END OF GUIDE-GASKET SURFACE OF CYL HEAD. HEAD TORQUE SEQUENCE 18, 14, 10, 6, 2, 3, 7, 11 15 11, <- ENG FRNT 17, 13, 9, 5, 1, 4, 8 12, 16					
JOHN DEERE	4.5	276		4045HF475		4045HF475
New Height:	4.129-4.139" (104.870-105.130 MM)			Min Height:	4.104" (104.240 MM)	
Intake Pro / Rec:	.030-.050" V/REC (.770-1.270 MM) *			Exhaust Pro / Rec:	.032-.052" V/REC (.810-1.310 MM) *	
Notes:	POWERTECH, DIESEL, TIER II ENG, 4 VALVE HEAD					
Comments:	* MAX V/REC: INTAKE=.070" (1.770 MM), EXHAUST=.071" (1.810 MM)					
JOHN DEERE	4.5	276		4045TF275		4045TF275
New Height:	4.129-4.139" (104.870-105.130 MM)			Min Height:	4.104" (104.240 MM)	
Intake Pro / Rec:	.024-.044" V/REC (.610-1.118 MM) *			Exhaust Pro / Rec:	.048-.068" V/REC (1.220-1.720 MM) *	
Notes:	PWRTECH, TURBO DIESEL, TIER II, 2 VLV HEAD, 4045HF275					
Comments:	* MAX V/REC: INTAKE .064" (1.630 MM), EXHAUST .089" (2.260 MM)					
JOHN DEERE	4.5	276	D	2155		
New Height:	4.1290-4.1340" (104.877-105.004 MM)			Min Height:	4.1040" (104.242 MM)	
Intake Pro / Rec:	.023-.047" V/REC (.584-1.194 MM)			Exhaust Pro / Rec:	.038-.072" V/REC (.965-1.829 MM)	
Casting Numbers:	Head #:R54560, R56780, R56790, R57078, T2120, T24756					
	Block #: R54620, R60832, R76657, R78556, R90170-2					
Notes:	2155, DIESEL TRACTORS					
Comments:	* 4.41" SCREW: 75,110#,WAIT 5 MIN,110#,+60°					
JOHN DEERE	4.5	276	D	2630		276T
New Height:	4.1290-4.1340" (104.877-105.004 MM)			Min Height:	4.1040" (104.242 MM)	
Intake Pro / Rec:	.023-.047" V/REC (.584-1.194 MM)			Exhaust Pro / Rec:	.038-.072" V/REC (.965-1.829 MM)	
Casting Numbers:	Head #:R54560, R56780, R56790, R57078					
	Block #: R54620, R60832, R76657, R78556					
Notes:	2630, 2640 TURBO DIESEL TRACTORS, 540B					
Comments:	* 4.41" SCREW: 75#,110#,WAIT 5 MIN,110#, + 60°					
JOHN DEERE	4.5	276	D	4045D		300 SERIES
New Height:	4.129-4.139" (104.877-105.131 MM)			Min Height:	4.104" (104.242 MM)	
Intake Pro / Rec:	.024-.044" V/REC (.61-1.118 MM) *			Exhaust Pro / Rec:	.048-.068" V/REC (1.219-1.727 MM) *	
Casting Numbers:	Head #:R121402					
Notes:	METRIC 300 SERIES, DIESEL					
Comments:	* MAX V/REC: INTAKE .064" (1.630 MM), EXHAUST .089" (2.260 MM)					
JOHN DEERE	4.5	276	D	4045T		300 SERIES TR
New Height:	4.129-4.139" (104.877-105.131 MM)			Min Height:	4.104" (104.242 MM)	
Intake Pro / Rec:	.024-.044" V/REC (.61-1.118 MM)			Exhaust Pro / Rec:	.048-.068" V/REC (1.219-1.727 MM)	
Notes:	METRIC 300 SERIES, TURBO DIESEL					
JOHN DEERE				6 Cylinders		
JOHN DEERE	3.5	217		65 & 95	58-63	217
New Height:	4.1290-4.1390" (104.877-105.131 MM)			Min Height:	4.1040" (104.242 MM)	
Intake Pro / Rec:	.030-.044" V/REC (.762-1.118 MM)			Exhaust Pro / Rec:	.050-.064" V/REC (1.27-1.626 MM)	
Casting Numbers:	Head #:T16133T, T17264, T20471, T20471T, T20473					
Notes:	65 & 95 COMBINE					
JOHN DEERE	3.6	217		217	58-63	217
New Height:	4.1290-4.1390" (104.877-105.131 MM)			Min Height:	4.1040" (104.242 MM)	
Intake Pro / Rec:	.030-.044" V/REC (.762-1.118 MM)			Exhaust Pro / Rec:	.050-.064" V/REC (1.27-1.626 MM)	
Casting Numbers:	Head #:T16133T, T17264, T20471, T20471T, T20473					
Notes:	65 & 95 COMBINE					
Comments:	GAS TRACTOR					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
JOHN DEERE				6 Cylinders (cont.)		
JOHN DEERE	3.6	217	D	217	58-63	217 GAS
New Height:	4.1290-4.1390" (104.877-105.131 MM)			Min Height:	4.1040" (104.242 MM)	
Intake Pro / Rec:	.030-.044" V/REC (.762-1.118 MM)			Exhaust Pro / Rec:	.050-.064" V/REC (1.27-1.626 MM)	
Castings Numbers:	Head #:T16133T, T17264, T20471, T20471T, T20473					
Notes:	GAS					
JOHN DEERE	5.0	303	D	JD550		
New Height:	4.1290-4.1390" (104.877-105.131 MM)			Min Height:	4.1040" (104.242 MM)	
Intake Pro / Rec:	.030-.044" V/REC (.762-1.118 MM) *			Exhaust Pro / Rec:	.050-.064" V/REC (1.27-1.626 MM) *	
Castings Numbers:	Head #:R55950, T204791 Block #: T24968T					
Notes:	JD550 & 570 DIESEL					
Comments:	* MAX VALVE REC .118					
JOHN DEERE	5.0	303	G	303		303 GAS
New Height:	4.1290-4.1390" (104.877-105.131 MM)			Min Height:	4.1040" (104.242 MM)	
Castings Numbers:	Block #:T24968T					
Notes:	GAS TRACTOR					
JOHN DEERE	5.4	329		4030		6-329 DIESEL
New Height:	4.1290-4.1390" (104.877-105.131 MM)			Min Height:	4.1040" (104.242 MM)	
Intake Pro / Rec:	.030-.044" V/REC (.762-1.118 MM)			Exhaust Pro / Rec:	.050-.064" V/REC (1.27-1.626 MM)	
Castings Numbers:	Head #:R111950, R53220, R53220R, R55950, R55950R, R59220, R61035, R62153, R78510, R82143, T20473T Block #: R55012, R55037, R72968, R80405					
Notes:	6-329 NON/TURBO DIESEL, 4030 TRACTOR, 57A GRADR					
JOHN DEERE	5.4	329	DT	544A		329 TURBO DI
New Height:	4.1290-4.1390" (104.877-105.131 MM)			Min Height:	4.1040" (104.242 MM)	
Intake Pro / Rec:	.030-.044" V/REC (.762-1.118 MM)			Exhaust Pro / Rec:	.050-.064" V/REC (1.27-1.626 MM)	
Castings Numbers:	Head #:R111950, R53220, R55950, R59220, R61035, R62153, R82143, T20473T Block #: R64413T					
Notes:	TURBO DIESEL, 544A LOADER					
JOHN DEERE	5.6	341		4020		
New Height:	6.1200-6.1300" (155.448-155.702 MM)			Min Height:	6.0900" (154.686 MM)	
Castings Numbers:	Head #:R26040R, R34990, R34990R, R45180R, R46080R, R46090R					
Notes:	GAS, 4020 & COMBINE					
JOHN DEERE	5.6	341				
New Height:	6.1200-6.1300" (155.448-155.702 MM)			Min Height:	6.0900" (154.686 MM)	
Castings Numbers:	Head #:R34990R, R45180R, R46080R					
Notes:	GAS, 4020 & COMBINE					
JOHN DEERE	5.9	359		359T		359 TURBO DI
New Height:	4.1290-4.1390" (104.877-105.131 MM)			Min Height:	4.1040" (104.242 MM)	
Intake Pro / Rec:	.023-.047" V/REC (.584-1.194 MM)			Exhaust Pro / Rec:	.038-.072" V/REC (.965-1.829 MM)	
Castings Numbers:	Head #:R111950, R53220, R55950, R55950R, R59220, R61035, R62153, R82143, T20473T Block #: R65216, R70348, R72963, R72975, R75891, R80275, R81948					
Notes:	TURBO & AFTERCOOLED DIESEL					
Comments:	* 4.41" SCREW: 75,110#,WAIT 5 MIN,110#+60°					
JOHN DEERE	5.9	359	D	2940		6-359 DIESEL
New Height:	4.1290-4.1390" (104.877-105.131 MM)			Min Height:	4.0990" (104.115 MM)	
Intake Pro / Rec:	.023-.047" V/REC (.584-1.194 MM)			Exhaust Pro / Rec:	.038-.072" V/REC (.965-1.829 MM)	
Castings Numbers:	Head #:R111950, R53220, R55950, R55950R, R59220, R61035, R62153, R81067, R82143, T20473T Block #: R65216, R70348, R72963, R72975, R75891, R80275, R81948					
Notes:	6.359 DIESEL, 2940 + 2950 TRACTOR					
Comments:	* 4.41" SCREW: 75,110#,WAIT 5 MIN,+60°					
JOHN DEERE	5.9	359	D	6059D		300 SERIES
New Height:	4.129-4.139" (104.877-105.131 MM)			Min Height:	4.104" (104.242 MM)	
Intake Pro / Rec:	.024-.044" V/REC (.61-1.118 MM)			Exhaust Pro / Rec:	.048-.068" V/REC (1.219-1.727 MM)	
Notes:	DIESEL, METRIC 300 SERIES					
JOHN DEERE	5.9	359	D	6059T		300 SERIES
New Height:	4.129-4.139" (104.877-105.131 MM)			Min Height:	4.104" (104.242 MM)	
Intake Pro / Rec:	.024-.044" V/REC (.61-1.118 MM)			Exhaust Pro / Rec:	.048-.068" V/REC (1.219-1.727 MM)	
Notes:	TURBO DIESEL, METRIC 300 SERIES					
Comments:	* #1 AT TDC COMPRESSION STROKE, ADJUST 1,3 & 5 EXHAUST 1,2 & 4 INTAKE, ROTATE CRANKSHAFT 360° #6 AT TDC COMPRESSION ADJUST 2,4 & 6 EXHAUST 3,4 & 6 INTAKE.					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
JOHN DEERE				6 Cylinders (cont.)		
JOHN DEERE	5.9	362		4020		
New Height:	6.1200-6.1300" (155.448-155.702 MM)			Min Height:	6.0900" (154.686 MM)	
Casting Numbers:	Head #:R34990, R34990R, R45180R, R46090R					
Notes:	GAS, 4020 & 7700 COMBINE					
JOHN DEERE	6.2	381	D	4010		
New Height:	6.1200-6.1250" (155.448-155.575 MM)			Min Height:	6.0900" (154.686 MM)	
Intake Pro / Rec:	.038-.055" V/REC (.965-1.397 MM)			Exhaust Pro / Rec:	.054-.068" V/REC (1.372-1.727 MM)	
Casting Numbers:	Head #:R26050R, R45190 Block #: R26070					
Notes:	4010 DIESEL TRACTOR					
Comments:	*DISTANCE FROM PORT END OF GUIDE-GASKET SURFACE OF CYL HEAD.					
JOHN DEERE	6.6	404		4010	67-76	
New Height:	6.1200-6.1300" (155.448-155.702 MM)			Min Height:	6.0900" (154.686 MM)	
Intake Pro / Rec:	.036-.054" V/REC (.914-1.372 MM)			Exhaust Pro / Rec:	.054-.068" V/REC (1.372-1.727 MM)	
Casting Numbers:	Head #:R26040, R33250R, R34850R, R34990R, R40740, R43120R, R43920, R45060, R45190, R46090, R47320, R53200R, R58044, R58673, R59849, R59876, R59876-8, R61521, R64730, R67906, R75641, R76315, R76384, R86696, R86699 Block #: R33180, R34340, R40610, R40890, R40900, R43310, R45980, R47020, R47110, R49470, R49650, R58850, R59850, R72128					
Notes:	4010, 4020, 4040, 4230, 4240, DIESEL, NON-TURBO					
JOHN DEERE	6.6	404		4320		6404A
New Height:	6.1200-6.1300" (155.448-155.702 MM)			Min Height:	6.0900" (154.686 MM)	
Intake Pro / Rec:	.036-.050" V/REC (.914-1.27 MM)			Exhaust Pro / Rec:	.042-.056" V/REC (1.067-1.422 MM)	
Casting Numbers:	Head #:R43320 Block #: R33180, R34340, R40890, R40900, R43310, R45980, R47020, R47110, R49470, R49650, R58850, R59850, R72128					
Notes:	4320, 4620, DIESEL, TURBO 4520 S/N 245758->					
JOHN DEERE	6.6	404	T	4020		
New Height:	6.1200-6.1300" (155.448-155.702 MM)			Min Height:	6.0900" (154.686 MM)	
Intake Pro / Rec:	+.024" TO +.038" ABOVE (.609-.965 MM) *			Exhaust Pro / Rec:	+.024" TO +.038" ABOVE (.609-.965 MM)	
Casting Numbers:	Head #:R34850R, R35850R, R43120-2, R43120-2, R50360, R50360, R59876, R59876, R61521R, R68696, R86427, R86700 Block #: R33180, R34340, R40890, R40900, R43310, R45980, R47020, R47110, R49470, R49650, R58850, R59850, R72128					
Notes:	4020, 4320, 4430, 4630, DIESEL, TURBO, LATER SERIAL					
Comments:	* IF THE VALVE PROTRUSION IS LOWER THAN .024" ABOVE, HARD STARTING AND WHITE SMOKE MAY OCCUR					
JOHN DEERE	6.8	414		6068HF475		6068HF475
New Height:	4.129-4.139" (104.870-105.130 MM)			Min Height:	4.104" (104.240 MM)	
Intake Pro / Rec:	.030-.050" V/REC (.770-1.270 MM) *			Exhaust Pro / Rec:	.032-.053" V/REC (.810-1.310 MM) *	
Notes:	POWERTECH, DIESEL, TIER II ENGINE, 4 VALVE HEAD					
Comments:	* MAX V/REC: INTAKE=.070" (1.770 MM), EXHAUST=.071" (1.810 MM)					
JOHN DEERE	6.8	414		6068TF275		6068TF275
New Height:	4.129-4.139" (104.870-105.130 MM)			Min Height:	4.104" (104.240 MM)	
Intake Pro / Rec:	.024-.044" V/REC (.610-1.118 MM) *			Exhaust Pro / Rec:	.048-.068" V/REC (1.220-1.720 MM) *	
Casting Numbers:	Head #:R105704, R85685					
Notes:	PWRTECH, TURBO DIESEL, TIER II, 2 VLV HEAD, 6068HF275					
Comments:	* MAX V/REC: INTAKE=.064" (1.630 MM), EXHAUST=.089" (2.260 MM)					
JOHN DEERE	6.8	414	D	414		
New Height:	4.1290-4.1390" (104.877-105.131 MM)			Min Height:	4.0990" (104.115 MM)	
Intake Hgt:	2.230" (56.642 MM)			Exhaust Hgt:	2.340" (59.436 MM)	
Intake Pro / Rec:	.023-.047" V/REC (.584-1.194 MM)			Exhaust Pro / Rec:	.038-.072" V/REC (.965-1.829 MM)	
Casting Numbers:	Head #:R111950, R31035, R53220, R54619, R5595, R55950, R59220, R61035, R62153, R82143, T20473T Block #: R54590, R60833, R72746, R78857, R90171					
Notes:	DIESEL					
Comments:	* 4.41" SCREW: 75#, 110#, WAIT 5 MIN, 110#, + 60°					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
JOHN DEERE				6 Cylinders (cont.)		
JOHN DEERE	6.8	414	D	544C		414T
New Height:	4.1290-4.1390" (104.877-105.131 MM)			Min Height:	4.0990" (104.115 MM)	
Intake Hgt:	2.230" (56.642 MM)			Exhaust Hgt:	2.240" (56.896 MM)	
Intake Pro / Rec:	.023-.047" V/REC (.584-1.194 MM)			Exhaust Pro / Rec:	.038-.072" V/REC (.965-1.829 MM)	
Castings Numbers:	Head #:R111950, R53220, R54619, R5595, R55950, R59220, R61035, R62153, R811035, R82143, T20473T Block #: R54590, R60833, R72746, R78857, R90171					
Notes:	TURBO DIESEL, 544C, D LOADER					
Comments:	* 4.41"SCREW: 75#,110#,WAIT 5 MIN,110#, + 60°					
JOHN DEERE	6.8	414	D	6068D		
New Height:	4.129-4.139" (104.877-105.131 MM)			Min Height:	4.104" (104.242 MM)	
Intake Pro / Rec:	.024-.044" V/REC (.61-1.118 MM)			Exhaust Pro / Rec:	.048-.068" V/REC (1.219-1.727 MM)	
Castings Numbers:	Head #:R1252					
Notes:	DIESEL, METRIC 300 SERIES					
JOHN DEERE	6.8	414	D	6068T		
New Height:	4.129-4.139" (104.877-105.131 MM)			Min Height:	4.104" (104.242 MM)	
Intake Pro / Rec:	.024-.044" V/REC (.61-1.118 MM)			Exhaust Pro / Rec:	.048-.068" V/REC (1.219-1.727 MM)	
Castings Numbers:	Head #:R121608, R97629, R97829 Block #: R112871					
Notes:	TURBO & AFTERCOOLED DIESEL, METRIC 300 SERIES					
JOHN DEERE	7.6	466		4040 & 4240		466 NON-TURB
New Height:	6.1200-6.1300" (155.448-155.702 MM)			Min Height:	6.0900" (154.686 MM)	
Intake Pro / Rec:	.034-.057" V/REC (.864-1.448 MM)			Exhaust Pro / Rec:	.047-.070" V/REC (1.194-1.778 MM)	
Castings Numbers:	Head #:R26050, R34850, R34980, R43120, R43920, R46080, R46090, R50044, R50360, R58044, R59849, R59876, R61521, R61521R, R64730, R75641, R76318, R76384, R8040, R86427, R86696, R86699, T20417 Block #: R54270, R54720, R60552, R62907, R63198, R63907, R64530, R65693, R65734, R71685, R71688, R71689, R72130, R72131, R72132, R74352, R78505, R82890, R82895, R87555, R87556, R87557, R87564					
Notes:	NON-TURBO, 4040, 4240					
Comments:	*WAIT 2HR, LOOSEN, RETORQUE.					
JOHN DEERE	7.6	466		4207, 6404, 6466		6466D
New Height:	6.1200-6.1300" (155.448-155.702 MM)			Min Height:	6.0900" (154.686 MM)	
Intake Pro / Rec:	.038-.050" V/REC (0.965-1.270 MM)			Exhaust Pro / Rec:	.054-.068" V/REC (1.371-1.727 MM)	
Castings Numbers:	Head #:R88427					
Notes:	DIESEL, INDUSTRIAL, 4207, 6404, 6466					
JOHN DEERE	7.6	466		6466		6466
New Height:	6.1200-6.1400" (155.448-155.956 MM)			Min Height:	6.0900" (154.686 MM)	
Intake Pro / Rec:	.135-.152" V/REC (3.429-3.861 MM)			Exhaust Pro / Rec:	.047-.067" V/REC (1.194-1.702 MM)	
Castings Numbers:	Head #:R81521, R86701, R88427					
Notes:	INDUSTRIAL					
JOHN DEERE	7.6	466		6466T		6466T
New Height:	6.1200-6.1400" (155.448-155.956 MM)			Min Height:	6.0900" (154.686 MM)	
Intake Pro / Rec:	-.006 / +.038" V/PRO (0.152-.965 MM)			Exhaust Pro / Rec:	-.006 / +.038" V/PRO (0.152-.965 MM)	
Castings Numbers:	Head #:R88427					
Notes:	TURBO, INDUSTRIAL, 6404T+A, 6466T+A					
JOHN DEERE	7.6	466	A	4650, 4850, 8440		6-466A TURBO
New Height:	6.1200-6.1300" (155.448-155.702 MM)			Min Height:	6.0900" (154.686 MM)	
Intake Pro / Rec:	.024-.038" V/PRO (.61-.965 MM)			Exhaust Pro / Rec:	.024-.038" V/PRO (.61-.965 MM)	
Castings Numbers:	Head #:R4870, R61521, R61521R, R74124, R75641, R76384, R86427, R86896 Block #: R54270, R54720, R60552, R62907, R63198, R63907, R64530, R65693, R65734, R71685, R71688, R71689, R72130, R72131, R72132, R74352, R78505, R82890, R82895, R87555, R87556, R87557, R87564					
Notes:	6-466A TURBO DIESEL, 4650, 4850, 8440					
Comments:	* WAIT 2HR, LOOSEN, RETORQUE.					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
JOHN DEERE				6 Cylinders		(cont.)
JOHN DEERE	7.6	466	EARLY	6076		6076
New Height:	6.1200-6.1300" (155.448-155.702 MM)			Min Height:	6.0900" (154.686 MM)	
Intake Pro / Rec:	.132-.152" V/REC (3.353-3.861 MM)			Exhaust Pro / Rec:	.047-.067" V/REC (1.194-1.702 MM)	
CASTING NUMBERS:	Head #:R102632D1, R102932, R86427 Block #: R54720, R60552, R62907, R63198, R63907, R64530, R65693, R65734, R71685, R71688, R71689, R72130, R72131, R72132, R74352, R78505, R82890, R82895, R87555, R87556, R87557, R87564, R88379					
Notes:	DIESEL, BEFORE SERIAL #500000, 4960 TRACTOR					
Comments:	*AFTER SER #129678 OPEN: I=182-198# @ 1.50", E=179-195# @ 1.52" & CLOSED: I=78-90# @ 2.07", E=64-76# @ 2.15" ** WAIT 2HR, LOOSEN, RETORQUE.					
JOHN DEERE	7.6	466	LATE	6076		6076
New Height:	6.1200-6.1300" (155.448-155.702 MM)			Min Height:	6.0900" (154.686 MM)	
Intake Pro / Rec:	.132-.152" V/REC (3.353-3.861 MM)			Exhaust Pro / Rec:	.047-.067" V/REC (1.194-1.702 MM)	
CASTING NUMBERS:	Head #:R129360, R61521, R61521R, R75641, R78284, R88427 Block #: R54270, R54720, R60552, R62907, R63198, R63907, R64530, R65693, R65734, R71685, R71688, R71689, R72130, R72131, R72132, R74352, R78505, R82890, R82895, R87555, R87556, R87557, R87564					
Notes:	TURBO DIESEL, AFTER SERIAL #499999					
JOHN DEERE	7.6	466	T	4440, 4450, 4640		6-466T TURBO
New Height:	6.1200-6.1300" (155.448-155.702 MM)			Min Height:	6.0900" (154.686 MM)	
Intake Pro / Rec:	.024-.038" V/PRO (.61-.965 MM)			Exhaust Pro / Rec:	.024-.038" V/PRO (.61-.965 MM)	
CASTING NUMBERS:	Head #:R26050, R34850, R34980, R43120, R43920, R46080, R46090, R4870, R50044, R50360, R58044, R59849, R59876, R61521, R61521R, R64730, R74124, R75641, R76318, R76384, R8040, R86427, R86696, R86699, T20417 Block #: R54270, R54720, R60552, R62907, R63198, R63907, R64530, R65693, R65734, R71685, R71688, R71689, R72130, R72131, R72132, R74352, R78505, R82890, R82895, R87555, R87556, R87557, R87564					
Notes:	6-466T TURBO DIESEL, 4440, 4450, 4640					
Comments:	* WAIT 2HR, LOOSEN, RETORQUE HOT SEE TB-1884.					
JOHN DEERE	8.1	496		6081	94-06	
New Height:	6.120-6.130" (155.448-155.702 MM) *			Min Height:	6.090" (154.686 MM)	
Intake Pro / Rec:	.132-.152" V/REC (3.353-3.861 MM)			Exhaust Pro / Rec:	.047-.067" V/REC (1.194-1.702 MM)	
Notes:	DIESEL, 8000 SERIES TRACTORS					
Comments:	*ROCKER ARM COVER GASKET RAIL-COMBUSTION FACE.					
JOHN DEERE	8.7	531	A	6030	60-81	531A DIESEL
New Height:	6.5570-6.5670" (166.548-166.802 MM)			Min Height:	6.5170" (165.532 MM)	
Intake Pro / Rec:	.005-.019" V/REC (.127-.483 MM)			Exhaust Pro / Rec:	.029-.043" V/REC (.737-1.092 MM)	
CASTING NUMBERS:	Head #:R351148R, R35140R, R35146R, R35148R, R40100, R4100, R41867, R48270, R52220R, R86702 Block #: R35130, R40270, R43270, R453000, R47510, R48260					
Notes:	6531A, 6619A TURBO DIESEL 6030 TRACTORS					
Comments:	* MEASURED FROM HEAD GASKET SURFACE					
JOHN DEERE	8.7	531	D	5010, 5020		531D DIESEL
New Height:	6.5570-6.5670" (166.548-166.802 MM)			Min Height:	6.5170" (165.532 MM)	
Intake Pro / Rec:	5020 MIN .0540" V/REC *			Exhaust Pro / Rec:	5020 MIN .0940" V/REC *	
CASTING NUMBERS:	Head #:R351148, R351148R, R35140, R35146, R35146R, R40100, R4100, R48270, R74124, R86702, R86703, R86706 Block #: R35130, R40270, R43270, R453000, R47510, R48260					
Notes:	6531D DIESEL, 5010, 5020					
Comments:	* 5010 TRACTOR HEAD VALVE # R35154 RECESSION INTAKE MIN .0440", R35156 EXHUAUST MIN .0740" WHEN USING LATE CAMSHAFT. REPORTED MEMBER # 13704 10-17-2005 MC					
JOHN DEERE	10.1	619		6101		6101 DIESEL
New Height:	6.557-6.567" (166.550-166.800 MM)			Min Height:	6.547" (166.290 MM)	
Intake Pro / Rec:	.106-.131" V/REC (2.690-3.340 MM)			Exhaust Pro / Rec:	.064-.090" V/REC (1.640-2.290 MM)	
CASTING NUMBERS:	Head #:R12675					
Notes:	DIESEL, BEGINNING W/SERIAL #500,000 AND UP					
Comments:	* GUIDE HGT MEASURED FROM GASKET RAIL TO TOP OF VALVE GUIDE.					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
JOHN DEERE				6 Cylinders (cont.)		
JOHN DEERE	10.2	619	D	619	68-81	
New Height:	6.5570-6.5670" (166.548-166.802 MM)			Min Height:	6.5170" (165.532 MM)	
Intake Pro / Rec:	+.003 TO -.011" (.076 TO -.279 MM) *			Exhaust Pro / Rec:	.012-.032" V/REC (.305-.813 MM)	
Castings Numbers:	Head #:R100259, R351148, R35146, R40100, R48270, R57425, R57425R, R58895R, R74124, R74124R, R81234, R86702, R86703, R86706 Block #: R48260, R57424, R63199, R65628, R69312, R72130, R74123, R75934					
Notes:	5020, 8640,8650 TRACTOR,DIESEL TURBO & AFTERCOOLED					
Comments:	* INTAKE V/PRO AFTER S/N/BREAK .002-.022" ABOVE * 44.5° VALVE ANGLE THRU SERIAL #021561 & #010696 **WAIT 2 HR,LOOSEN,RETORQUE 1 BOLT AT A TIME IN SEQUENCE. BOLT MARKED "SPECIAL" 65 FT/LBS + 90° + 90° + 90° ADDITIONAL TURN.					
JOHN DEERE	10.2	619	D	8760, 8770		6101 DIESEL
New Height:	6.5570-6.5670" (166.548-166.802 MM)			Min Height:	6.5170" (165.532 MM)	
Intake Pro / Rec:	+.005--.014" UP TO 500,000 SERIAL #*			Exhaust Pro / Rec:	.012-.032" REC UP TO 500,000 SERIA	
Castings Numbers:	Head #:R100259, R118814, R48270, R57425, R88703					
Notes:	8760, 8770 TRACTOR, DIESEL TURBO & AFTERCOOLED					
Comments:	*AFTER SERIAL # 500,000 INT: .106-.131" REC EX: .064-.090" REC. SEE TB 1948					
JOHN DEERE	10.5	641		6105	98-05	6105 TURBO
New Height:	4.9203-4.9222" (124.976-125.024 MM)			Min Height:	4.9150" (124.841 MM)	
Intake Pro / Rec:	.073-.093" V/REC (1.854-2.362 MM)			Exhaust Pro / Rec:	.073-.093" V/REC (1.854-2.362 MM)	
Notes:	AFTERCOOLED TURBOCHARGED					
JOHN DEERE	10.9	664		6105		6105
New Height:	4.9203-4.9222" (124.976-125.024 MM)			Min Height:	4.9150" (124.841 MM)	
Intake Pro / Rec:	.073-.093" V/REC (1.854-2.362 MM)			Exhaust Pro / Rec:	.073-.093" V/REC (1.854-2.362 MM)	
Notes:	AFTERCOOLED					
JOHN DEERE	12.5	766		6125	98-05	6125 TURBO
New Height:	4.9203-4.9222" (124.976-125.024 MM)			Min Height:	4.9150" (124.841 MM)	
Intake Pro / Rec:	.073-.093" V/REC (1.854-2.362 MM)			Exhaust Pro / Rec:	.073-.093" V/REC (1.854-2.362 MM)	
Notes:	AFTERCOOLED TURBOCHARGED					
JOHN DEERE				8 Cylinders		
JOHN DEERE	15.7	955	D	8850, 8955	75-85	955 DIESEL
New Height:	4.9190-4.9230" (124.943-125.044 MM)			Min Height:	4.8990" (124.435 MM)	
Intake Pro / Rec:	.053-.067" V/REC (1.346-1.702 MM)			Exhaust Pro / Rec:	.053-.067" V/REC (1.346-1.702 MM)	
Castings Numbers:	Head #:R58024 Block #: R71545					
Notes:	8850, 8955, V-8 DIESEL					
Comments:	*EARLY STEM DIAM: .3715-.3725 **EARLY STEM-TO-GUIDE CLR: .0010-.0030					
KIA				4 Cylinders		
KIA	1.5	91	3	RIO	01-02	
New Height:	5.0315-5.0394" (127.800-128.000 MM)			Exhaust Hgt:	1.6068" (40.812 MM) REPORTED	
Intake Hgt:	1.6107" (40.911 MM) REPORTED					
Notes:	MFI, DOHC, 16 VALVES					
KIA	1.6	97	1	SEPHIA	94-96	
New Height:	4.228-4.236" (107.391-107.594 MM)			Exhaust Hgt:	1.535-1.555" (38.989-39.497 MM)	
Intake Hgt:	1.535-1.555" (38.989-39.497 MM)					
Notes:	SFI, SOHC, 8 VALVE, SEPHIA					
KIA	1.6	97	2	SEPHIA	94-98	
New Height:	4.228-4.236" (107.391-107.594 MM)			Exhaust Hgt:	1.614-1.634" (40.996-41.504 MM)	
Intake Hgt:	1.673-1.693" (42.494-43.002 MM)					
Castings Numbers:	Head #:541					
Notes:	SFI, SOHC, 16 VALVE, SEPHIA					
KIA	1.6	97	3	SEPHIA	95-97	
New Height:	5.268-5.276" (133.807-134.01 MM)			Exhaust Hgt:	1.737-1.771" (44.12-44.983 MM)	
Intake Hgt:	1.737-1.771" (44.12-44.983 MM)					
Notes:	SFI, DOHC, SEPHIA					
KIA	1.8	109	T8	SEPHIA	99-04	
New Height:	5.272-5.280" (133.900-134.100 MM)			Min Height:	5.272" (133.900 MM)	
Intake Hgt:	1.432-1.467" (36.370-37.270 MM) *			Exhaust Hgt:	1.431-1.467" (36.360-37.260 MM) *	
Castings Numbers:	Head #:K21, K2-1, K247, K-247					
Notes:	SPECTRA , MFI, DOHC					
Comments:	* 1.680-1.690" HEAD CASTING K247, K2-2 K2N5 REPORTED MEMBER # 35690 06-24-2005 MC					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
KIA						4 Cylinders (cont.)
KIA	1.8	112	5	SEPHIA	95-98	
New Height: 5.2720-5.2800" (133.900-134.100 MM)						
Intake Hgt: 1.772-1.791" * (45.009 TO 45.491 MM)			Exhaust Hgt: 1.772-1.791" * (45.009 TO 45.491 MM)			
Notes: SFI, DOHC, SEPHIA, MAZDA ENGINE						
Comments: * 1.680-1.690" HEAD CASTING K247 REPORTED #38772 03-04-03 MC						
KIA	2.0	122	1	SPORTAGE	95-97	
New Height: 3.620-3.624" (91.948-92.05 MM)						
Casting Numbers: Head #:S8						
Notes: SOHC, SFI, SPORTAGE, 8 VALVE, MAZDA BUILT						
KIA	2.0	122	3	SPORTAGE	95-02	
New Height: 5.2740-5.2780" (133.959-134.112 MM)			Min Height: 5.2740" (159.207 MM)			
Intake Hgt: 1.4320-1.4670" (36.805-37.948 MM)			Exhaust Hgt: 1.4670-1.4940" (36.805-37.948 MM)			
Notes: SFI, DOHC, SPORTAGE						
KIA	2.4	144		OPTIMA	01-05	
Intake Hgt: 1.9300-1.9500" *			Exhaust Hgt: 1.8950-1.9100" *			
Notes: DOHC						
Comments: * REPORTED NEW CYLINDER HEAD CASTING WITH NEW EXHAUST VALVES MEMBER # 42116 12-08-05 MC						
KIA						6 Cylinders
KIA	3.5	213		SEDONA	02-04	
New Height: 5.200" (132.080 MM) REPORTED						
Intake Hgt: 1.840" (46.736 MM) REPORTED			Exhaust Hgt: 1.840" (46.736 MM) REPORTED			
Casting Numbers: Head #:12554607						
Notes: MFI, DOHC, SEDONA LX						
KOHLER						2 Cylinders
KOHLER	0.6	38		CH18		CH18, 20, 22
Min Height: .003" OVERALL (.076 MM)						
Notes: GAS, ALSO CH20 & CH22 ENGINES						
KOMATSU						4 Cylinders
KOMATSU	0.0	0		4D115-4		4D115-4
Intake Pro / Rec: .020-.029" V/REC (.508-.737 MM)			Exhaust Pro / Rec: .020-.029" V/REC (.508-.737 MM)			
Notes: 4D115-4 DIESEL						
KOMATSU	2.6	159		92		4D92
Intake Pro / Rec: .026-.046" (0.67-1.08 MM) MAX .071"			Exhaust Pro / Rec: .026-.046" (0.67-1.08 MM) MAX .071"			
Notes: 4D92 DIESEL						
KOMATSU	3.3	199		4D95S-1		4D95S-1
Intake Pro / Rec: -.007-+.007" (-.178-.178 MM)			Exhaust Pro / Rec: -.007-+.007" (-.178-.178 MM)			
Casting Numbers: Head #:62D4-12						
Notes: DIESEL						
KOMATSU	3.3	199		4D95S-W-1		4D95S-W-1
New Height: 3.5354-3.5433" (89.800-90.000MM)			Min Height: 3.5236" (89.5 MM)			
Intake Pro / Rec: .024-.070" V/REC (.61-1.778 MM)			Exhaust Pro / Rec: .024-.070" V/REC (.61-1.778 MM)			
Casting Numbers: Head #:62D4-12 Block #: 6206211120						
Notes: DIESEL 4D95S-W-1						
KOMATSU	3.3	199		95		4D95S-W-1
Intake Pro / Rec: .024-.070" V/REC (.61-1.778 MM)			Exhaust Pro / Rec: .024-.070" V/REC (.61-1.778 MM)			
Casting Numbers: Head #:62D4-12 Block #: 6206211120						
Notes: DIESEL, 4D95S-W-1						
KOMATSU	3.3	199		95L		4D95L
Intake Pro / Rec: .024-.070" V/REC (.61-1.778 MM)			Exhaust Pro / Rec: .024-.070" V/REC (.61-1.778 MM)			
Casting Numbers: Head #:62D4-12 Block #: 6206211120						
Notes: DIESEL, 4D95L						

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
KOMATSU				4 Cylinders (cont.)		
KOMATSU	4.0	242		105		4D105 & S4D10
Intake Pro / Rec:	.049-.095" V/REC (1.245-2.413 MM)			Min Height:	4.114" (104.496 MM)	
Exhaust Pro / Rec:					.068-.110" V/REC (1.727-2.794 MM)	
Casting Numbers:	Head #:6130-11-1110, 6130-11-112, 6134-11-1111, 6134-21-1110, 6136					
Notes:	4D105 & S4D105					
KOMATSU	4.0	242		105.2		4D105.2
Intake Pro / Rec:	.049-.095" V/REC (1.245-2.413 MM)			Exhaust Pro / Rec:	.068-.110" V/REC (1.727-2.794 MM)	
Casting Numbers:	Head #:6130-11-1110, 6130-11-112, 6134-11-1111, 6134-21-1110, 6136					
Notes:	4D105.2 DIESEL					
KOMATSU	4.0	242		105.5		4D105.5
Intake Pro / Rec:	.049-.095" V/REC (1.245-2.413 MM)			Exhaust Pro / Rec:	.068-.110" V/REC (1.727-2.794 MM)	
Casting Numbers:	Head #:6130-11-1110, 6130-11-112, 6134-11-1111, 6134-21-1110, 6136					
Notes:	4D105.5, DIESEL					
KOMATSU	7.2	442		4D120-10		4D120-10
Intake Pro / Rec:	.024-.069" V/REC (.61-1.753 MM)			Exhaust Pro / Rec:	.000-.029" V/REC (-.737 MM)	
Casting Numbers:	Head #:61113111					
Notes:	4D120-10 DIESEL					
Comments:	KOMATSU D-55S					
KOMATSU	7.2	442		4D120-11		4D120-11
Intake Pro / Rec:	.024-.043" V/REC (.61-1.092 MM)			Exhaust Pro / Rec:	.004-.016" V/REC (.102-.406 MM)	
Casting Numbers:	Head #:61113111					
Notes:	4D120-11 & S4D120-11 DIESEL					
KOMATSU	7.2	442		4D120-8		4D120-8
Intake Pro / Rec:	.024-.069" V/REC (.61-1.753 MM)			Exhaust Pro / Rec:	.000-.029" V/REC (-.737 MM)	
Casting Numbers:	Head #:61113111					
Notes:	4D120-8 DIESEL					
Comments:	KOMATSU D-55S					
KOMATSU	8.5	518		130		4D130 DIESEL
New Height:	4.7185-4.7204" (119.85-119.898 MM)			Min Height:	4.7145" (119.748 MM)	
Intake Pro / Rec:	.027-.070" V/REC (.686-1.778 MM)			Exhaust Pro / Rec:	+.011 TO -.020" (+.279 TO -.508 MM)	
Casting Numbers:	Head #:1112, 6112-13-1111, 6112-13-1112, 6112-13-1114, 6112-13-1115, 6112-18-1112, 6114-11-1100, 6115, 6115-11-1111, 826					
Notes:	4D130 DIESEL, D53A					
KOMATSU	12.8	783		4D155-3		4D155-3
Intake Pro / Rec:	.00-.039" V/REC (-.991 MM) *			Exhaust Pro / Rec:	.00-.039" V/REC (-.991 MM) *	
Notes:	4D155-3 DIESEL					
Comments:	*.039 V/REC IS REPAIR LIMIT, STD V/REC IS FLUSH WITH CYL HEAD SURFACE.					
KOMATSU				6 Cylinders		
KOMATSU	4.9	299		6D95		6D95
Intake Pro / Rec:	-.007 TO +.007" (-.178 TO +.178 MM)			Exhaust Pro / Rec:	-.007 TO +.007" (-.178 TO +.178 MM)	
Notes:	DIESEL, D37E-2 DOZER					
KOMATSU	4.9	299		6D95L-1		6D95L-1
New Height:	3.5354-3.5433"			Min Height:	3.5240" (89.5 MM)	
Intake Pro / Rec:	-.007 TO +.007" (-.178 TO +.178 MM)			Exhaust Pro / Rec:	-.007 TO +.007" (-.178 TO +.178 MM)	
Casting Numbers:	Head #:62D4-12					
Notes:	DIESEL, S6D95L-1, SA6D95L-1					
KOMATSU	4.9	299	1	95		6D95L-1
Intake Pro / Rec:	.024-.070" V/REC (.61-1.778 MM)			Exhaust Pro / Rec:	.024-.070" V/REC (.61-1.778 MM)	
Casting Numbers:	Head #:62D4-12					
Notes:	DIESEL, 6D95L-1					
KOMATSU	4.9	299	2	95		6D95
Intake Pro / Rec:	.024-.070" V/REC (.61-1.778 MM)			Exhaust Pro / Rec:	.024-.070" V/REC (.61-1.778 MM)	
Notes:	6D95 DIESEL, D37E-2 DOZER					
KOMATSU	6.5	396	1	105		6D105, S6D105
Intake Pro / Rec:	.050-.069" V/REC (1.27-1.753 MM)			Min Height:	4.114" (104.496 MM)	
Exhaust Pro / Rec:					.052-.074" V/REC (1.321-1.88 MM)	
Casting Numbers:	Head #:6136					
Notes:	6D105 & S6D105 DIESEL, BELOW SERIAL #50000					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
KOMATSU				6 Cylinders (cont.)		
KOMATSU	6.5	396	2	105		6D105, S6D105
Intake Pro / Rec: +.004 TO -.043" (+.102 TO -1.092 MM)				Min Height: 4.114" (104.496 MM)		
Notes: 6D105 & S6D105 DIESEL, SERIAL #50000 & UP				Exhaust Pro / Rec: +.004 TO -.043" (+.102 TO -1.092 MM)		
KOMATSU	7.1	435		110	83-00	6D110
Intake Pro / Rec: .050-.102" V/REC (1.27-2.591 MM)				Exhaust Pro / Rec: .050-.102" V/REC (1.27-2.591 MM)		
Notes: 6D110 DIESEL, WA380 BEFORE SERIAL #50, 000						
KOMATSU	7.1	435	1	110	83-00	6D110
Intake Pro / Rec: +.004 TO -.047" (+.102 TO -1.194 MM)				Exhaust Pro / Rec: +.004 TO -.047" (+.102 TO -1.194 MM)		
Notes: 6D110 DIESEL, WA380, SERIAL #50, 000 & UP						
Comments: * VALVE POSITION IS .004" ABOVE-.047" BELOW						
KOMATSU	7.1	436		6D108		6D108
New Height: 3.929-3.945" (99.796-100.203 MM)				Min Height: 3.917" (99.491 MM)		
Intake Pro / Rec: .040-.048" V/REC (1.020-1.220 MM)				Exhaust Pro / Rec: .040-.048" V/REC (1.020-1.220 MM) *		
Notes: 6D108 DIESEL						
Comments: * EXHAUST ZERO TO - .010"						
KOMATSU	11.1	674		125		6D125
New Height: 4.1320-4.1358" (104.953-105.049 MM)				Min Height: 4.1200" (104.648 MM)		
Intake Pro / Rec: +.004--.025" (.102--.635 MM)				Exhaust Pro / Rec: +.004--.027" (.102--.686 MM)		
Notes: 6D125						
Comments: * SOME ARE .132-.167", DEPENDING ON SPECIFIC ENG. MODEL.						
KOMATSU	11.1	674		8361		S6D125
New Height: 4.1320-4.1358" (104.953-105.049 MM)				Min Height: 4.1200" (104.648 MM) *		
Intake Pro / Rec: +.004 TO -.025" (+.102 TO -.635 MM)				Exhaust Pro / Rec: +.004 TO -.027" (+.102 TO -.686 MM)		
Notes: S6D125						
Comments: * .016" GASKET AVAILABLE.						
KOMATSU	11.1	674		S6D125		S6D125
New Height: 4.1320-4.1358" (104.953-105.049 MM)				Min Height: 4.1200" (104.648 MM) *		
Intake Pro / Rec: +.004 TO -.025" (+.102 TO -.635 MM)				Exhaust Pro / Rec: +.004 TO -.027" (+.102 TO -.686 MM)		
Notes: S6D125 DIESEL						
Comments: * .016 GASKET AVAILABLE						
KOMATSU	15.2	929		140		6D140, S6D140-
New Height: 4.1319-4.1358" (104.95-105.049 MM)				Min Height: 4.120" (104.648 MM)		
Intake Pro / Rec: +.004 TO -.020" (+.102 TO -.508 MM)				Exhaust Pro / Rec: +.004 TO -.020" (+.102 TO -.508 MM)		
Notes: 6D140, S6D140-1						
Comments: * S6D140-1 = .189-.220" * SA6D140-1 = .183-.222"						
KOMATSU	19.3	1,175		155		6D155-4
Intake Pro / Rec: .124-.134" V/PRO (3.15-3.404 MM)				Min Height: 6.090" REPORTED (154.686 MM)		
Notes: 6D155-4 DIESEL				Exhaust Pro / Rec: .124-.134" V/PRO (3.15-3.404 MM)		
Comments: * S6D140-1 = .189-.220" * SA6D140-1 = .183-.222"						
KOMATSU	19.3	1,175		6D155-1		6D155-1
New Height: 6.095" (154.813 MM)				Min Height: 6.063" (154.000 MM)		
Intake Pro / Rec: .00-.039" V/REC (-.991 MM) *				Exhaust Pro / Rec: .00-.039" V/REC (-.991 MM) *		
Notes: 6D155-4 DIESEL						
Comments: * .039 V/REC IS REPAIR LIMIT, STD V/REC SHOULD BE FLUSH WITH CYL HEAD SURFACE.						
KOMATSU	19.3	1,175		6D155-2		6D155-2
New Height: 6.095" (154.8 MM)				Min Height: 6.063" (154.00 mm)		
Intake Pro / Rec: .00-.039" V/REC (-.991 MM) *				Exhaust Pro / Rec: .00-.039" V/REC (-.991 MM) *		
Notes: 6D155-2 DIESEL						
Comments: * .039 V/REC IS REPAIR LIMIT, STD V/REC SHOULD BE FLUSH WITH CYL HEAD SURFACE. ** 155-4 ENGINE = .4331" (11 MM)						

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
KOMATSU				6 Cylinders (cont.)		
KOMATSU	23.2	1,413		170		6D170
New Height:	5.518"			Min Height:	5.4940"	
Intake Pro / Rec:	.043-.082" V/REC (1.092-2.083 MM)			Exhaust Pro / Rec:	.043-.082" V/REC (1.092-2.083 MM)	
Casting Numbers:	Head #:6162-13-1110					
Notes:	6D170 DIESEL					
Comments:	* SEQUENCE -> 1		3 5	6		
	2 4					
KUBOTA				1 Cylinder		
KUBOTA	0.4	24		EA400-N		EA400-N
Intake Pro / Rec:	.059" MAX V/REC (1.499 MM)			Exhaust Pro / Rec:	.059" MAX V/REC (1.499 MM)	
Notes:	DIESEL, 4 STROKE, LIQUID-COOLED, EA400-NB					
KUBOTA	0.5	28		EA450-N		EA450-N
Intake Pro / Rec:	.059" MAX V/REC (1.499 MM)			Exhaust Pro / Rec:	.059" MAX V/REC (1.499 MM)	
Notes:	DIESEL, 4 STROKE, LIQUID-COOLED, EA450-NB					
KUBOTA	0.5	32		EA500-N		EA500-N
Intake Pro / Rec:	.059" MAX V/REC (1.499 MM)			Exhaust Pro / Rec:	.059" MAX V/REC (1.499 MM)	
Notes:	DIESEL, 4 STROKE, LIQUID-COOLED, EA500-NB					
KUBOTA	0.6	36		EA600-N		EA600-N
Intake Pro / Rec:	.059" MAX V/REC (1.499 MM)			Exhaust Pro / Rec:	.059" MAX V/REC (1.499 MM)	
Notes:	DIESEL, 4 STROKE, LIQUID-COOLED, EA600-NB					
KUBOTA				2 Cylinders		
KUBOTA	0.0	0				
New Height:	2.3620" (59.995 MM)					
Intake Pro / Rec:	.040-.045" V/REC (1.016-1.143 MM)			Exhaust Pro / Rec:	.040-.045" V/REC (1.016-1.143 MM)	
Casting Numbers:	Head #:B-5					
Comments:	BORE IS APROX. 2.800"					
KUBOTA	0.4	24		Z400-B		Z400-B
Intake Pro / Rec:	.030-.037" V/REC (.762-.94 MM)			Exhaust Pro / Rec:	.030-.037" V/REC (.762-.94 MM)	
Notes:	4 CYCLE DIESEL, VERTICAL, WATER COOLED					
KUBOTA	0.4	26		Z430-B		Z430-B
Intake Pro / Rec:	.030-.037" V/REC (.762-.94 MM)			Exhaust Pro / Rec:	.030-.037" V/REC (.762-.94 MM)	
Notes:	4 CYCLE DIESEL, VERTICAL, WATER COOLED					
KUBOTA	0.4	27		Z442-B		Z442-B
Intake Pro / Rec:	-.004-+.004" (-.102-+.102 MM)			Exhaust Pro / Rec:	-.004-+.004" (-.102-+.102 MM)	
Notes:	4 CYCLE DIESEL, LIQUID COOLED					
KUBOTA	0.5	29		Z482-B		Z482-B
Intake Pro / Rec:	-.004-+.004" (-.102-+.102 MM)			Exhaust Pro / Rec:	-.004-+.004" (-.102-+.102 MM)	
Notes:	4 CYCLE DIESEL, LIQUID COOLED					
KUBOTA	0.5	31		Z500-1A		Z500-1A
Intake Pro / Rec:	.043" MAX V/REC (1.092 MM)			Exhaust Pro / Rec:	.043" MAX V/REC (1.092 MM)	
Notes:	DIESEL, MODEL B5100D & B5100E					
KUBOTA	0.5	31		Z500-B		Z500-B
Intake Pro / Rec:	.036-.043" V/REC (.914-1.092 MM)			Exhaust Pro / Rec:	.036-.043" V/REC (.914-1.092 MM)	
Notes:	DIESEL, WATER COOLED, 4 STROKE					
KUBOTA	0.7	45		L175		Z750-A
Intake Pro / Rec:	.043-.051" V/REC (1.092-1.295 MM) *			Min Height:	.020" MAX REMOVE (.508 MM)	
Notes:	DIESEL, L175 TRACTOR					
Comments:	* MAX V/REC .063					
KUBOTA	0.7	45		L185		Z751A, Z751-B
Intake Pro / Rec:	.043-.051" V/REC (1.092-1.295 MM) *			Min Height:	.020" MAX REMOVE (.508 MM)	
Notes:	DIESEL, Z751-B, L185 TRACTOR					
Comments:	* MAX V/REC .063					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
KUBOTA				2 Cylinders (cont.)		
KUBOTA	0.9	53		Z851-B		Z851-B
Intake Pro / Rec: .043-.051" V/REC (1.092-1.295 MM) *				Exhaust Pro / Rec: .043-.051" V/ REC (1.092-1.295 MM) *		
Notes: DIESEL						
Comments: * MAX V/REC .063 I&E						
KUBOTA				3 Cylinders		
KUBOTA	0.6	37		D600-B		D600-B
Intake Pro / Rec: .030-.037" V/REC (.762-.94 MM)				Exhaust Pro / Rec: .030-.037" V/REC (.762-.94 MM)		
Casting Numbers: Head #:D600, D-600						
Notes: 4 CYCLE DIESEL, VERTICAL, WATER COOLED						
KUBOTA	0.6	39		D640-B		D640-B
Intake Pro / Rec: .030-.037" V/REC (.762-.94 MM)				Exhaust Pro / Rec: .030-.037" V/REC (.762-.94 MM)		
Notes: 4 CYCLE DIESEL, VERTICAL, WATER COOLED						
KUBOTA	0.7	40		D662-B		D662-B
Intake Pro / Rec: -.004+.004" (-.102 TO +.102 MM)				Exhaust Pro / Rec: -.004+.004" (-.102 TO +.102 MM)		
Notes: 4 CYCLE DIESEL, LIQUID COOLED						
KUBOTA	0.7	41		B6100D & B6100		D650-B
Intake Pro / Rec: .036-.043" V/REC (.914-1.092 MM)				Exhaust Pro / Rec: .036-.043" V/REC (.914-1.092 MM)		
Notes: DIESEL, D650-A, D650-AH, MODELS B6100D & B6100E						
Comments: MAX V/REC .051						
KUBOTA	0.7	44		D722-B		D722-B
Intake Pro / Rec: -.004 TO +.004" (-.102 TO +.102 MM)				Exhaust Pro / Rec: -.004 TO +.004" (-.102 TO +.102 MM)		
Notes: 4 CYCLE DIESEL, LIQUID COOLED						
KUBOTA	0.8	47		B7100D		D750-A, D750-
Intake Pro / Rec: .036-.043" V/REC (.914-1.092 MM) *				Exhaust Pro / Rec: .036-.043" V/REC (.914-1.092 MM) *		
Notes: DIESEL, D750-A, D750-AH, MODEL B7100D						
Comments: * MAX V/REC .051" (1.3 MM)						
KUBOTA	0.8	47		Z750-B		Z750-B
Intake Pro / Rec: .036-.043" V/REC (.914-1.092 MM)				Exhaust Pro / Rec: .036-.043" V/REC (.914-1.092 MM)		
Notes: VERTICAL, DIESEL, 4 CYCLE, WATER-COOLED						
KUBOTA	0.9	52		D850-B		D850-B, DH850
Intake Pro / Rec: .036-.043" V/REC (.914-1.092 MM) *				Exhaust Pro / Rec: .036-.043" V/REC (.914-1.092 MM) *		
Notes: DH850-B, 4 CYCLE DIESEL, WATER-COOLED						
Comments: * MAX V/REC .051" (1.300 MM)						
KUBOTA	0.9	55		D905-B		D905-B
Intake Pro / Rec: .036-.043" V/REC (.914-1.092 MM)				Exhaust Pro / Rec: .036-.043" V/REC (.914-1.092 MM)		
Notes: 4 CYCLE DIESEL, VERTICAL, WATER COOLED						
KUBOTA	0.9	57		D950-B		D950-B
Intake Pro / Rec: .036-.043" V/REC (.914-1.092 MM) *				Exhaust Pro / Rec: .036-.043" V/REC (.914-1.092 MM) *		
Notes: DIESEL, WATER COOLED, 4 STROKE						
Comments: * MAX V/REC .051" (1.300 MM)						
KUBOTA	1.0	61		D1005-B		D1005-B
Intake Pro / Rec: .002-.006" V/REC (.050-.150 MM) *				Exhaust Pro / Rec: .002-.006" V/REC (.050-.150 MM) *		
Notes: 4 CYCLE DIESEL, VERTICAL, WATER-COOLED						
Comments: * MAX V/REC .016" (.400 MM)						
KUBOTA	1.1	68		DH1101-B		DH1101B,D1110
Intake Pro / Rec: .043-.051" REC (1.092-1.295 MM) *				Exhaust Pro / Rec: .043-.051" REC (1.092-1.295 MM) *		
Notes: DIESEL, 4 STROKE, LIQUID COOLED, D1102-B, D1102-BC						
Comments: * MAX VALVE RECESSON .063" (1.600 MM)						
KUBOTA	1.1	68		L235, L245		D1102B,D1101
Intake Pro / Rec: .043-.051" V/REC (1.092-1.295 MM) *				Min Height: .020" MAX REMOVE (.508 MM)		
Exhaust Pro / Rec: .043-.051" V/REC (1.092-1.295 MM) *						
Notes: DIESEL, D1101A, D1102A, L235 & L245 TRACTOR, 25 HP						
Comments: * MAX V/REC .063						
KUBOTA	1.1	69		D1105-B		D1105-B,D1105
Intake Pro / Rec: .002-.006" V/REC (.051-.152 MM) *				Exhaust Pro / Rec: .002-.006" V/REC (.051-.152 MM) *		
Notes: 4 CYCLE DIESEL, VERTICAL, H2O-COOLED, D1105-TB						
Comments: * MAX V/REC .016" (.400 MM)						

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
KUBOTA				3 Cylinders (cont.)		
KUBOTA	1.3	79		D1301-B		D1301-B,D1302
Intake Pro / Rec:		.043-.051" REC (1.092-1.295 MM) *		Exhaust Pro / Rec:		.043-.051" REC (1.092-1.295 MM) *
Notes: DIESEL, 4 STROKE, LIQUID COOLED, D1302-B						
Comments: * MAX VALVE RECESSON .063						
KUBOTA	1.3	79		D1302-DI		D1302-DI
Intake Pro / Rec:		.026-.034" V/REC (.66-.864 MM) *		Exhaust Pro / Rec:		.026-.034" V/REC (.66-.864 MM) *
Notes: DIESEL, DIRECT INJ, LIQUID COOLED, 4 STROKE						
Comments: * .045 MAX V/REC						
KUBOTA	1.3	79		L275, L295, L305		D1302-B,D1301
Intake Pro / Rec:		.043-.051" V/REC (1.092-1.295 MM) *		Min Height:		.020" MAX REMOVE (.508 MM)
Exhaust Pro / Rec:		.043-.051" V/REC (1.092-1.295 MM) *				
Notes: DIESEL,D1301A,D1302A ENGINE,L275,L295,L305 TRACTOR						
Comments: * MAX V/REC .063						
KUBOTA	1.4	85		D1402-B		D1402-B
New Height:		2.7500" (69.85 MM)				
Intake Pro / Rec:		.043-.051" V/REC (1.092-1.295 MM) *		Exhaust Pro / Rec:		.043-.051"V/REC (1.092-1.295 MM) *
Notes: DIESEL, WATER COOLED, 4 STROKE						
Comments: * MAX V/REC .063"						
KUBOTA	1.4	85		D1402-DI		D1402-DI
Intake Pro / Rec:		.026-.043" V/REC (.66-1.092 MM)		Exhaust Pro / Rec:		.026-.043" V/REC (.66-1.092 MM)
Notes: 4 CYCLE DIESEL, DIR INJ, WATER COOLED						
KUBOTA	1.4	85		D1403-B		D1403-B
Intake Pro / Rec:		+.002 TO -.006" (+.051 TO -.152 MM)		Exhaust Pro / Rec:		+.002 TO -.006" (+.051 TO -.152 MM)
Notes: DIESEL 3 SERIES,H2O COOL, ALSO USED IN TORO MOWERS						
KUBOTA	1.5	92		L2900, L3300		D1503
Intake Pro / Rec:		.002" PRO TO .0059" REC *		Exhaust Pro / Rec:		.002" PRO TO .0059" REC *
Notes: DIESEL, L2900-L3300						
Comments: * ALLOWABLE LIMIT .0157" RECESSON						
KUBOTA	1.6	101		D1703-B		D1703-B
Intake Pro / Rec:		+.002 TO -.006" (+.051 TO -.152 MM) *		Exhaust Pro / Rec:		+.002 TO -.006" (+.051 TO -.152 MM) *
Notes: DIESEL,3 SERIES,H2O COOL, ALSO USED IN TORO MOWERS						
Comments: * MAX V/REC INTAKE & EXHAUST IS .016" (.400 MM)						
KUBOTA	3.0	182		D3000-B		D3000-B
Intake Pro / Rec:		.028-.043" V/REC (.711-1.092 MM)		Exhaust Pro / Rec:		.028-.043" V/REC (.711-1.092 MM)
Notes: 4 CYCLE DIESEL, VERTICAL, WATER COOLED						
KUBOTA	3.2	196		D3200-B		D3200-B
Intake Pro / Rec:		.028-.043" V/REC (.711-1.092 MM)		Exhaust Pro / Rec:		.028-.043" V/REC (.711-1.092 MM)
Notes: 4 CYCLE DIESEL, VERTICAL, WATER COOLED						
KUBOTA	3.5	213		D3502-B		D3502-B
Intake Pro / Rec:		.032-.047" V/REC (.813-1.194 MM)		Exhaust Pro / Rec:		.028-.043" V/REC (.711-1.092 MM)
Notes: DIESEL						
KUBOTA				4 Cylinders		
KUBOTA	0.8	49		V800-B		V800-B
Intake Pro / Rec:		.030-.037" V/REC (.762-.94 MM)		Exhaust Pro / Rec:		.030-.037" V/REC (.762-.94 MM)
Notes: 4 CYCLE DIESEL, VERTICAL, WATER COOLED						
KUBOTA	1.2	70		V1100-B		V1100-B
Intake Pro / Rec:		.036-.043" V/REC (.914-1.092 MM) **		Exhaust Pro / Rec:		.036-.043" V/REC (.914-1.092 MM) **
Notes: VH1100-B, 4 CYCLE DIESEL, WATER COOLED						
Comments: * VH1100-B INTAKE: VALVE SEAT WIDTH .0685, SEAT ANGLE 60°, FACE ANGLE 60.25° ** MAX V/REC .051" (1.300 MM)						
KUBOTA	1.2	73		V1205-B		V1205-B,V1205
Intake Pro / Rec:		.036-.043" V/REC (.914-1.092 MM)		Exhaust Pro / Rec:		.036-.043" V/REC (.914-1.092 MM)
Notes: V1205-TB, 4 CYCLE DIESEL, WATER COOLED						

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
KUBOTA				4 Cylinders		(cont.)
KUBOTA	1.2	75		V1200-B		V1200-B
Intake Pro / Rec: .036-.043" V/REC (.914-1.092 MM) *				Exhaust Pro / Rec: .036-.043" V/REC (.914-1.092 MM) *		
Notes: 4 CYCLE DIESEL, VERTICAL, WATER COOLED						
Comments: * MAX V/REC .051" (1.300 MM)						
KUBOTA	1.3	81		V1305-B		V1305-B
Intake Pro / Rec: .036-.043" V/REC (.914-1.092 MM) *				Exhaust Pro / Rec: .036-.043" V/REC (.914-1.092 MM) *		
Notes: 4 CYCLE DIESEL, VERTICAL, WATER COOLED						
Comments: * INTAKE AND EXHAUST COULD ALSO BE .002-.006" V/REC (.051-.152 MM) AS PER KUBOTA MEMBER # 7087 06-16-2005 MC						
KUBOTA	1.5	91		L285, L345		V1502B,V1501
Intake Pro / Rec: .043-.051" V/REC (1.092-1.295 MM) *				Min Height: .020" MAX REMOVE (.508 MM)		
Exhaust Pro / Rec: .043-.051" V/REC (1.092-1.295 MM) *						
Notes: DIESEL,V1501A,V1501B,VT1502-B,L285 & L345 TRACTORS						
Comments: * MAX V/REC .063 I&E						
KUBOTA	1.5	91		V1505-B		V1505-B,B1505
Intake Pro / Rec: .002-.006" V/REC (.051-.152 MM) *				Exhaust Pro / Rec: .002-.006" V/REC (.051-.152 MM) *		
Notes: 4 CYCLE DIESEL,VERTICAL,H2O COOLED, V1505-TB						
Comments: * MAX V/REC .016" (.400 MM)						
KUBOTA	1.7	106		L355		V1701B,V1702
Intake Pro / Rec: .043-.051" V/REC (1.092-1.295 MM) *				Min Height: .020" MAX REMOVE (.508 MM)		
Exhaust Pro / Rec: .043-.051" V/REC (1.092-1.295 MM) *						
Notes: DIESEL, V1701-B & 1702-B ENGINES, L355 TRACTOR						
Comments: *MAX VALVE RECESSON: .063 INTAKE AND EXHAUST						
KUBOTA	1.7	106	D	L355		V1701-B,V1702
Intake Pro / Rec: .043-.051" V/ REC (1.092-1.295 MM) *				Min Height: .020" MAX REMOVE (.508 MM)		
Exhaust Pro / Rec: .043-.051" V/REC (1.092-1.295 MM) *						
Notes: DIESEL, V1702-B, L355 TRACTOR						
Comments: * MAX V/REC .063 I & E						
KUBOTA	1.9	114		CT4-114		V1902, V1902B
New Height: 2.755" (69.977 MM)						
Intake Pro / Rec: .043-.051" V/REC (1.092-1.295 MM) *				Exhaust Pro / Rec: .043-.051" V/REC (1.092-1.295 MM) *		
Notes: CT4-114 IND DIESEL V1902B, CARRIER REF.						
Comments: *MAX VALVE RECESSON .063" INTAKE & EXHAUST						
KUBOTA	1.9	114		V1902-B		CT4-114
New Height: 2.755" (69.977 MM)						
Intake Pro / Rec: .043-.051" V/REC (1.092-1.295 MM) *				Exhaust Pro / Rec: .043-.051" V/REC (1.092-1.295 MM) *		
Notes: DIESEL, CT4-114, CARRIER REF.						
Comments: * MAX V/REC .063 I&E						
KUBOTA	1.9	114		V1903-B		V1903-B
Intake Pro / Rec: +.002 TO -.006" (+.051 TO -.152 MM) *				Exhaust Pro / Rec: +.002 TO -.006" (+.051 TO-.152 MM) *		
Notes: DIESEL 3 SERIES, H20-COOL, ALSO USED IN TORO MOWER						
Comments: * MAX V/REC INTAKE & EXHAUST IS .016" (.400 MM).						
KUBOTA	2.0	122		V2003-TB		V2003-TB
Intake Pro / Rec: .002-.006" V/REC (.050-.150 MM) *				Exhaust Pro / Rec: .002-.006" V/REC (.050-.150 MM) *		
Notes: DIESEL, TURBO, WATER-COOLED, TORO LAWNMOWER						
Comments: * MAX V/REC .016" (.400 MM)						
KUBOTA	2.2	134		V2203-DI-B		V2203-B
Intake Pro / Rec: .026-.034" V/REC (.66-.864 MM) *				Exhaust Pro / Rec: .026-.034" V/REC (.660-.864 MM) *		
Notes: DIESEL, 3 SERIES, BOBCAT & V2203-B TORO MOWER						
Comments: * V2203-B: INTAKE SEAT ANGLE AND FACE ANGLE 60°, VALVE REC/PRO INT & EXH = +.002" TO -.006"						

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
KUBOTA				4 Cylinders (cont.)		
KUBOTA	4.0	243		V4000-B		V4000-B
Intake Pro / Rec:		.028-.043" V/REC (.711-1.092 MM)		Exhaust Pro / Rec:		.028-.043" V/REC (.711-1.092 MM)
Notes: 4 CYCLE DIESEL, VERTICAL, WATER COOLED						
KUBOTA	4.3	262		V4300-B		V4300-B
Intake Pro / Rec:		.028-.043" V/REC (.711-1.092 MM)		Exhaust Pro / Rec:		.028-.043" V/REC (.711-1.092 MM)
Notes: 4 CYCLE DIESEL, VERTICAL, WATER COOLED						
KUBOTA	4.7	284		V4702-B		V4702-B
Intake Pro / Rec:		.032-.047" V/REC (.813-1.194 MM)		Exhaust Pro / Rec:		.028-.043" V/REC (.711-1.092 MM)
Notes: DIESEL						
KUBOTA				5 Cylinders		
KUBOTA	2.3	142		F2302-DI-B		F2302-DI-B
Intake Pro / Rec:		.026-.034" V/REC (.66-.864 MM) *		Exhaust Pro / Rec:		.026-.034" V/REC (.66-.864 MM) *
Notes: DIESEL, DIR INJ, 4 STROKE, LIQUID COOLED						
Comments: * MAX V/REC .045						
KUBOTA	2.5	153		F2503-TB		F2503-TB
Intake Pro / Rec:		.002-.006" V/REC (.050-.150 MM) *		Exhaust Pro / Rec:		.002-.006" V/REC (.050-.150 MM) *
Notes: DIESEL, TURBO, WATER-COOLED, TORO LAWNMOWER						
Comments: * MAX V/REC .016" (.400 MM)						
KUBOTA	2.8	168		L4150		F2803-B
Intake Pro / Rec:		+.002 TO -.006" (+.051 TO -.152 MM) *		Exhaust Pro / Rec:		+.002 TO -.006" (+.051 TO -.152 MM) *
Notes: DIESEL, 3 SERIES, WATER COOLED L4150, TORO MOWER						
Comments: * MAX V/REC INTAKE & EXHAUST IS .016" (.400 MM)						
KUBOTA				6 Cylinders		
KUBOTA	2.2	136		S2200-B		S2200-B
New Height: .0350-.0430" (.889-1.092 MM)						
Intake Pro / Rec:		.043-.051" V/REC (1.092-1.295 MM) *		Exhaust Pro / Rec:		.043-.051" V/REC (1.092-1.295 MM) *
Notes: DIESEL						
Comments: * MAX V/REC .063 I & E						
KUBOTA	2.6	158		S2600-B		S2600-B
New Height: .0350-.0430" (.889-1.092 MM)						
Intake Pro / Rec:		.043-.051" V/REC (1.092-1.295 MM) *		Exhaust Pro / Rec:		.043-.051" V/REC (1.092-1.295 MM) *
Casting Numbers: Head #:K3B, K-3B						
Notes: DIESEL						
Comments: * MAX V/REC .063 I&E						
KUBOTA	2.8	170		S2800-B		S2800-B
New Height: .0350-.0430" (.889-1.092 MM)						
Intake Pro / Rec:		.043-.051" V/REC (1.092-1.295 MM)		Exhaust Pro / Rec:		.043-.051" V/REC (1.092-1.295 MM)
Notes: DIESEL						
LEXUS				6 Cylinders		
LEXUS	2.5	153	2VZFE	ES250	90-91	2VZFE
Intake Hgt:		1.4650-1.4850" (37.211-37.719 MM)		Exhaust Hgt:		1.4650-1.4850" (37.211-37.719 MM)
Notes: MFI, ES250						
LEXUS	3.0	183	1MZFE	ES300	94-01	1MZFE
New Height: NOT SUPPLIED BY OEM						
Intake Hgt:		1.455-1.475"		Exhaust Hgt:		1.455-1.475"
Notes: SFI, ES300, RX300						
LEXUS	3.0	183	2JZGE	GS300	92-02	2JZGE
New Height:		4.750" (120.65 MM)		Min Height:		4.740" REPORTED
Notes: MFI, GS300, SC300, IS300						
LEXUS	3.0	183	3VZFE	ES300	92-94	3VZFE
New Height:		5.3120-5.3150" * (134.925-135.001 MM)		Min Height:		4.800" (121.92 MM)
Notes: MFI, ES300						
Comments: * 4.810" REPORTED 1992 CAR ES300						
LEXUS	4.5	274	1FZFE	LX450	96-97	1FZFE
New Height:		5.3120" (134.924 MM)		Exhaust Hgt:		1.590" (40.386 MM)
Intake Hgt:		1.590" (40.386 MM)				
Notes: DOHC, LX450						

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
LEYLAND				4 Cylinders		
LEYLAND	0.0	0		4-384	69-85	344 & 384
Intake Pro / Rec: .062-.072" V/PRO (1.575-1.829 MM)				Exhaust Pro / Rec: .062-.072" V/REC (1.575-1.829 MM)		
Notes: 344 & 384 TRACTORS, AGR1 DIESEL						
LEYLAND	1.6	98		4-98	70-80	4-98
New Height: 3.760" (95.504 MM)				Min Height: 3.740" (94.996 MM)		
Intake Hgt: .610-.620" (15.494-15.748 MM)				Exhaust Hgt: .870-.890" (22.098-22.606 MM)		
Intake Pro / Rec: .062-.072" V/PRO (1.575-1.829 MM)				Exhaust Pro / Rec: .062-.072" V/PRO (1.575-1.829 MM)		
Casting Numbers: Head #:86K942 Block #: 86K1086						
Notes: DIESEL TRACTOR/ JCB 3D BACKHOE						
LEYLAND	1.8	110	D	AD017, AD074	74-87	AD017, AD074
New Height: 3.1770-3.1800" (80.696-80.772 MM)						
Intake Pro / Rec: .045-.051" V/REC (1.143-1.295 MM)				Exhaust Pro / Rec: .045-.051" V/REC (1.143-1.295 MM)		
Notes: ADO17, AD074 DIESEL, 18V						
LEYLAND	3.4	207		4-272		4-272
Intake Pro / Rec: .062-.072" V/PRO (1.575-1.829 MM)				Exhaust Pro / Rec: .062-.072" V/PRO (1.575-1.829 MM)		
Notes: 3.4L AGR1 DIESEL						
LIEBHERR				4 Cylinders		
LIEBHERR	5.6	342		D904 NA		D904 NA
New Height: 4.4803-4.4882" (113.8-114. MM)						
Intake Pro / Rec: .047-.055" V/REC (1.194-1.397 MM)				Exhaust Pro / Rec: .051-.059" V/REC (1.295-1.499 MM)		
Notes: DIESEL, FOUR STROKE, DIR INJ						
LIEBHERR	5.6	342		D904 TB		D904 TB, D904 T
New Height: 4.4803-4.4882" (113.8-114. MM)						
Intake Pro / Rec: .047-.055" V/REC (1.194-1.397 MM)				Exhaust Pro / Rec: .051-.059" V/REC (1.295-1.499 MM)		
Notes: DIESEL, ALSO D904 T, FOUR STROKE, DIR INJ						
LIEBHERR	6.1	373		D914 T		D914 T, D914 T
New Height: 4.4803-4.4882" (113.8-114. MM)						
Intake Pro / Rec: .047-.055" V/REC (1.194-1.397 MM)				Exhaust Pro / Rec: .051-.059" V/REC (1.295-1.499 MM)		
Notes: DIESEL, ALSO D914 TI, FOUR STROKE, DIR INJ						
LIEBHERR				6 Cylinders		
LIEBHERR	8.4	513		D906 NA		D906 NA
New Height: 4.4803-4.4882" (113.8-114. MM)						
Intake Pro / Rec: .047-.055" V/REC (1.194-1.397 MM)				Exhaust Pro / Rec: .051-.059" V/REC (1.295-1.499 MM)		
Notes: DIESEL, FOUR STROKE, DIR INJ						
LIEBHERR	8.4	513		D906 TB		D906 TB, D906 T
New Height: 4.4803-4.4882" (113.8-114. MM)						
Intake Pro / Rec: .047-.055" V/REC (1.194-1.397 MM)				Exhaust Pro / Rec: .051-.059" V/REC (1.295-1.499 MM)		
Notes: DIESEL, ALSO D906 T/TI, FOUR STROKE, DIR INJ						
LIEBHERR	9.2	559		D916 T		D916 T, D916 T
New Height: 4.4803-4.4882" (113.8-114. MM)						
Intake Pro / Rec: .047-.055" V/REC (1.194-1.397 MM)				Exhaust Pro / Rec: .051-.059" V/REC (1.295-1.499 MM)		
Notes: DIESEL, ALSO D916 TI, FOUR STROKE, DIR INJ						
LISTER				1 Cylinder		
LISTER	0.2	13		AA1		AA1
Intake Pro / Rec: .039-.057" V/REC (.991-1.448 MM) *				Exhaust Pro / Rec: .039-.057" V/ REC (.991-1.448 MM) *		
Notes: DIESEL, 4 STROKE, VERTICAL, INDIRECT INJ						
Comments: *SERIAL #14927 & UP: SEAT WIDTH=.025-.042, VALVE RECESSON=.025-.042						
LISTER	0.3	16		AB1		AB1, AB1W
Intake Pro / Rec: .051-.068" V/REC (1.295-1.727 MM)				Exhaust Pro / Rec: .051-.068" V/REC (1.295-1.727 MM)		
Notes: DIESEL,AIR COOLED,INDIRECT INJ,& AB1W-WATER COOLED						
Comments: * WATER COOLED 22 FT/LBS -SPECIFIED TORQUE.						
LISTER	0.3	19		AC1		AC1,AC1Z,AC1
Intake Pro / Rec: .051-.068" V/REC (1.295-1.727 MM)				Exhaust Pro / Rec: .051-.068" V/REC (1.295-1.727 MM)		
Notes: DIESEL,AIR COOLD,IND INJ,AC1Z,AC1ZS,&AC1W-WATR COOL						
Comments: * 22 FT/LBS WATER COOLED						

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
LISTER				1 Cylinder		(cont.)
LISTER	0.4	25		LT1		LT1
Intake Pro / Rec: .033-.045" V/REC (.838-1.143 MM)			Exhaust Pro / Rec: .043-.055" V/REC (1.092-1.397 MM)			
Notes: DIESEL						
LISTER	0.5	29		LV1		LV1
Intake Pro / Rec: .033-.045" V/REC (.838-1.143 MM) *			Exhaust Pro / Rec: .043-.055" V/REC (1.092-1.397 MM) *			
Notes: DIESEL						
Comments: * LATE ENGINES V/REC I=.039-.052, E=.043-.055						
LISTER	0.6	39		ST1		ST1
Intake Pro / Rec: .040-.050" V/REC (1.016-1.27 MM)			Exhaust Pro / Rec: .035-.045" V/REC (.889-1.143 MM)			
Notes: DIESEL						
LISTER	0.6	39		TS1		TS1
Intake Pro / Rec: .040-.050" V/REC (1.016-1.27 MM)			Exhaust Pro / Rec: .035-.045" V/REC (.889-1.143 MM)			
Notes: DIESEL						
LISTER	0.7	40		PH1		PH1
Intake Pro / Rec: .032-.046" V/REC (.813-1.168 MM)			Exhaust Pro / Rec: .032-.046" V/REC (.813-1.168 MM)			
Notes: DIESEL, 4 STROKE, AIR COOLED, DIR INJ						
LISTER	0.8	47		TR1		TR1
Intake Pro / Rec: .040-.050" V/REC (1.016-1.27 MM)			Exhaust Pro / Rec: .035-.045" V/REC (.889-1.143 MM)			
Notes: DIESEL						
LISTER	0.8	49		PJ1		PJ1, PJ1Z
Intake Pro / Rec: .027-.043" V/REC (.686-1.092 MM)			Exhaust Pro / Rec: .027-.043" V/REC (.686-1.092 MM)			
Notes: DIESEL, 4 STROKE, AIR COOLED, DIR INJ, PJ1Z						
LISTER				2 Cylinders		
LISTER	0.6	37		AC2		AC2, AC2W
Intake Pro / Rec: .051-.068" V/REC (1.295-1.727 MM)			Exhaust Pro / Rec: .051-.068" V/REC (1.295-1.727 MM)			
Notes: DIESEL, AIR COOLED, INDIRECT INJ, & AC2W WATER COOLED						
Comments: * 22 FT/LBS WATER COOLED						
LISTER	0.7	44		LPA2		LPA2
Intake Pro / Rec: .037-.049" V/REC (.94-1.245 MM)			Exhaust Pro / Rec: .053-.064" V/REC (1.346-1.626 MM)			
Notes: DIESEL, 4 STROKE, AIR COOLED, VERTICAL, DIRECT INJ						
LISTER	0.9	57		LPW2		LPW2, LPWS2
Intake Pro / Rec: .037-.049" V/REC (.94-1.245 MM)			Exhaust Pro / Rec: .053-.064" V/REC (1.346-1.626 MM)			
Notes: DIESEL, 4 STROKE, H2O COOLD, VERTICAL, INDIR INJ, LPWS2						
LISTER	1.0	58		LV2		LV2
Intake Pro / Rec: .033-.045" V/REC (.838-1.143 MM) *			Exhaust Pro / Rec: .043-.055" V/REC (1.092-1.397 MM) *			
Notes: DIESEL						
Comments: * LATE ENGINES V/REC I=.039-.052, E=.043-.055						
LISTER	1.3	77		ST2		ST2
Intake Pro / Rec: .040-.050" V/REC (1.016-1.27 MM)			Exhaust Pro / Rec: .035-.045" V/REC (.889-1.143 MM)			
Notes: DIESEL						
LISTER	1.3	77		TS2		TS2
Intake Pro / Rec: .040-.050" V/REC (1.016-1.27 MM)			Exhaust Pro / Rec: .035-.045" V/REC (.889-1.143 MM)			
Notes: DIESEL						
LISTER	1.3	80		PH2		PH2
Intake Pro / Rec: .032-.046" V/REC (.813-1.168 MM)			Exhaust Pro / Rec: .032-.046" V/REC (.813-1.168 MM)			
Notes: DIESEL, 4 STROKE, AIR COOLED, DIR INJ						
LISTER	1.5	94		TL2		TL2
Intake Pro / Rec: .040-.050" V/REC (1.016-1.27 MM)			Exhaust Pro / Rec: .035-.045" V/REC (.889-1.143 MM)			
Notes: DIESEL						
LISTER	1.5	94		TR2		TR2
Intake Pro / Rec: .040-.050" V/REC (1.016-1.27 MM)			Exhaust Pro / Rec: .035-.045" V/REC (.889-1.143 MM)			
Notes: DIESEL						
LISTER	1.6	98		TX2		TX2
Intake Pro / Rec: .040-.061" V/REC (1.016-1.549 MM)			Exhaust Pro / Rec: .040-.061" V/REC (1.016-1.549 MM)			
Notes: DIESEL						

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
LISTER				2 Cylinders (cont.)		
LISTER	1.6	99		PJ2		PJ2, PJ2Z
Intake Pro / Rec:		.027-.043" V/REC (.686-1.092 MM)		Exhaust Pro / Rec:		.027-.043" V/REC (.686-1.092 MM)
Notes: DIESEL, 4 STROKE, AIR COOLED, DIR INJ, PJ2Z						
LISTER	2.1	128		HR2		HR2
Intake Pro / Rec:		.038-.050" V/REC (.965-1.27 MM)		Exhaust Pro / Rec:		.033-.045" V/REC (.838-1.143 MM)
Notes: DIESEL						
LISTER				3 Cylinders		
LISTER	1.1	66		LPA3		LPA3
Intake Pro / Rec:		.037-.049" V/REC (.94-1.245 MM)		Exhaust Pro / Rec:		.053-.064" V/REC (1.346-1.626 MM)
Notes: DIESEL, 4 STROKE, AIR COOLED, VERTICAL, DIRECT INJ						
LISTER	1.4	85		LPW3		LPW3, LPWS3
Intake Pro / Rec:		.037-.049" V/REC (.94-1.245 MM)		Exhaust Pro / Rec:		.053-.064" V/REC (1.346-1.626 MM)
Notes: DIESEL, 4 STROKE, H2O COOLD, VERTICAL, INDIR INJ, LPWS3						
LISTER	1.9	116				
Intake Pro / Rec:		.040-.050" V/REC (1.016-1.27 MM)		Exhaust Pro / Rec:		.035-.045" V/REC (.889-1.143 MM)
LISTER	1.9	116		ST3		ST3
Intake Pro / Rec:		.040-.050" V/REC (1.016-1.27 MM)		Exhaust Pro / Rec:		.035-.045" V/REC (.889-1.143 MM)
Notes: DIESEL						
LISTER	1.9	116		TS3		TS3
Intake Pro / Rec:		.040-.050" V/REC (1.016-1.27 MM)		Exhaust Pro / Rec:		.035-.045" V/REC (.889-1.143 MM)
Notes: DIESEL						
LISTER	2.3	142		TL3		TL3
Intake Pro / Rec:		.040-.050" V/REC (1.016-1.27 MM)		Exhaust Pro / Rec:		.035-.045" V/REC (.889-1.143 MM)
Notes: DIESEL						
LISTER	2.3	142		TR3		TR3
Intake Pro / Rec:		.040-.050" V/REC (1.016-1.27 MM)		Exhaust Pro / Rec:		.035-.045" V/REC (.889-1.143 MM)
Notes: DIESEL						
LISTER	2.4	147		TX3		TX3
Intake Pro / Rec:		.040-.061" V/REC (1.016-1.549 MM)		Exhaust Pro / Rec:		.040-.061" V/REC (1.016-1.549 MM)
Notes: DIESEL						
LISTER	2.4	148		PJ3		PJ3
Intake Pro / Rec:		.027-.043" V/REC (.686-1.092 MM)		Exhaust Pro / Rec:		.027-.043" V/REC (.686-1.092 MM)
Notes: DIESEL, 4 STROKE, AIR COOLED, DIR INJ						
LISTER	3.2	192		HR3		HR3
Intake Pro / Rec:		.038-.050" V/REC (.965-1.27 MM)		Exhaust Pro / Rec:		.033-.045" V/REC (.838-1.143 MM)
Notes: DIESEL						
LISTER				4 Cylinders		
LISTER	1.5	89		LPA4		LPA4
Intake Pro / Rec:		.037-.049" V/REC (.94-1.245 MM)		Exhaust Pro / Rec:		.053-.064" V/REC (1.346-1.626 MM)
Notes: DIESEL, 4 STROKE, AIR COOLED, VERTICAL, DIRECT INJ						
LISTER	1.9	114		LPW4		LPW4, LPWS4
Intake Pro / Rec:		.037-.049" V/REC (.94-1.245 MM)		Exhaust Pro / Rec:		.053-.064" V/REC (1.346-1.626 MM)
Notes: DIL, 4 STK, H2O COLD, VERTICAL, INDIR INJ, LPWS4+LPU4						
LISTER	4.2	256		HR4		HR4
Intake Pro / Rec:		.038-.050" V/REC (.965-1.27 MM)		Exhaust Pro / Rec:		.033-.045" V/REC (.838-1.143 MM)
Notes: DIESEL						
LOMBARDINI				1 Cylinder		
LOMBARDINI	0.3	16		6LD260		6LD260
Intake Pro / Rec:		.028-.035" V/REC (.711-.889 MM)		Min Height:		.012" MAX REMOVE (.305 MM)
Exhaust Pro / Rec:		.010-.030" V/REC (.254-.762 MM) *				
Notes: DIESEL, 4-STROKE, AIR-COOLED, & MODELS 500, 6LD260/C						
Comments: * W/COMPRESSION RELEASE: EXHAUST V/REC .022-.037						

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
LOMBARDINI				1 Cylinder (cont.)		
LOMBARDINI	0.3	20		6LD325		6LD325
Intake Pro / Rec: .028-.035" V/REC (.711-.889 MM)				Min Height:	.012" MAX REMOVE (.305 MM)	
Notes: DIESEL, 4-STROKE, AIR-COOLED, & MODELS 520,6LD325/C				Exhaust Pro / Rec:	.010-.030" V/REC (.254-.762 MM) *	
Comments: * W/COMPRESSION RELEASE: EXHAUST V/REC .022-.037						
LOMBARDINI	0.4	22		530		530
Intake Pro / Rec: .028-.035" V/REC (.711-.889 MM)				Min Height:	.012" MAX REMOVE (.305 MM)	
Notes: DIESEL, 4-STROKE, AIR-COOLED				Exhaust Pro / Rec:	.010-.030" V/REC (.254-.762 MM) *	
Comments: * W/COMPRESSION RELEASE: EXHAUST V/REC=.022-.037						
LOMBARDINI	0.4	22		6LD360		6LD360
Intake Pro / Rec: .028-.035" V/REC (.711-.889 MM)				Min Height:	.012" MAX REMOVE (.305 MM)	
Notes: DIESEL, 6LD360/C & V, 4-STROKE, AIR-COOLED				Exhaust Pro / Rec:	.010-.030" V/ REC (.254-.762 MM) *	
Comments: * W/COMPRESSION RELEASE: EXHAUST V/REC .022-.037						
LOMBARDINI	0.4	24		6LD400		6LD400
Intake Pro / Rec: .028-.035" V/REC (.711-.889 MM)				Min Height:	.012" MAX REMOVE (.305 MM)	
Notes: DIESEL, 4 STROKE, AIR-COOLED				Exhaust Pro / Rec:	.010-.030" V/REC (.254-.762 MM) *	
Comments: * W/COMPRESSION RELEASE: EXHAUST V/REC .022-.037						
LOMBARDINI	0.5	28		3LD450		3LD450, LDA45
Intake Pro / Rec: .024-.031" V/REC (.61-.787 MM)				Exhaust Pro / Rec: .022-.041" REC (.559-1.041 MM) *		
Notes: DIESEL, 4-STROKE, AIR-COOLED, ALSO MODEL LDA450						
Comments: * EXH V/REC .022-.037 ENG EQUIPPED W/COMPRESSION RELEASE						
LOMBARDINI	0.5	31		3LD510		3LD510, LDA51
Intake Pro / Rec: .024-.031" V/REC (.61-.787 MM)				Exhaust Pro / Rec: .022-.041" V/REC (.559-1.041 MM) *		
Notes: DIESEL, 4-STROKE, AIR-COOL, MODEL LDA510, 3LD510/L, L8						
Comments: * EXH V/REC .022-.037 ENG EQUIPPED W/COMPRESSION RELEASE						
LOMBARDINI	0.6	36		7LD600/I		7LD600/I, 710
Intake Pro / Rec: .024-.031" V/REC (.61-.787 MM)				Min Height:	.012" MAX REMOVE (.305 MM)	
Notes: DIESEL, 4-STROKE, AIR COOLED, ALSO MODEL 710				Exhaust Pro / Rec:	.030-.049" V/REC (.762-1.245 MM) *	
Comments: * EXHAUST V/REC W/COMPRESSION RELEASE: .022-.037						
LOMBARDINI	0.6	39		4LD640		4LD640, LDA96
Intake Pro / Rec: .026-.033" V/REC (.66-.838 MM)				Exhaust Pro / Rec: .018-.037" V/REC (.457-.94 MM) *		
Notes: DIESEL, 4-STROKE, AIR-COOL, MODEL LDA96, 4LD640/L, L10						
Comments: * EXH V/REC .022-.037 ENG EQUIPPED W/COMPRESSION RELEASE						
LOMBARDINI	0.7	40		7LD665/I		7LD665/I, 720
Intake Pro / Rec: .024-.031" V/REC (.61-.787 MM)				Min Height:	.012" MAX REMOVE (.305 MM)	
Notes: DIESEL, 4-STROKE, AIR COOLED, ALSO MODEL 720				Exhaust Pro / Rec:	.030-.049" V/REC (.762-1.245 MM) *	
Comments: * EXHAUST V/REC W/COMPRESSION RELEASE: .022-.037						
LOMBARDINI	0.7	43		FLD705		FLD705, LDA10
Intake Pro / Rec: .026-.033" V/REC (.66-.838 MM)				Exhaust Pro / Rec: .018-.037" V/REC (.457-.94 MM) *		
Notes: DIESEL, 4-STROKE, AIR-COOLED, ALSO MODEL LDA100						
Comments: * EXH V/REC .022-.037 ENG EQUIPPED W/COMPRESSION RELEASE						
LOMBARDINI	0.7	45		7LD740/I		7LD740/I
Intake Pro / Rec: .024-.031" V/REC (.61-.787 MM)				Min Height:	.012" MAX REMOVE (.305 MM)	
Notes: DIESEL, 4-STROKE, AIR COOLED				Exhaust Pro / Rec:	.030-.049" V/REC (.762-1.245 MM) *	
Comments: * EXHAUST V/REC W/COMPRESSION RELEASE: .022-.037						
LOMBARDINI	0.8	50		4LD820		4LD820, LDA82
Intake Pro / Rec: .026-.033" V/REC (.66-.838 MM)				Exhaust Pro / Rec: .018-.037" V/REC (.457-.94 MM) *		
Notes: DIESEL, 4-STROKE, AIR-COOL, MODEL LDA820, 4LD820/L, L14						
Comments: * EXH V/REC .022-.037 ENG EQUIPPED W/COMPRESSION RELEASE						

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
LOMBARDINI				2 Cylinders		
LOMBARDINI	0.7	44		10LD360-2		10LD360-2
Intake Pro / Rec: .024-.031" V/REC (.61-.787 MM)				Min Height: .012" MAX REMOVE (.305 MM)		
Notes: DIESEL, 4-STROKE, AIR-COOLED, DIRECT INJECTION				Exhaust Pro / Rec: .030-.047" V/REC (.762-1.194 MM) *		
Comments: * W/COMPRESSION RELEASE: EXHAUST V/REC .022-.037						
LOMBARDINI	0.8	48		10LD400-2		10LD400-2
Intake Pro / Rec: .024-.031" V/REC (.61-.787 MM)				Min Height: .012" MAX REMOVE (.305 MM)		
Notes: DIESEL, 4-STROKE, AIR-COOLED, DIRECT INJECTION				Exhaust Pro / Rec: .030-.047" REC (.762-1.194 MM) *		
Comments: * W/COMPRESSION RELEASE: EXHAUST V/REC .022-.037						
LOMBARDINI	1.1	68		9LD560-2		9LD560-2
Intake Pro / Rec: .024-.031" V/REC (.61-.787 MM)				Min Height: .012" MAX REMOVE (.305 MM)		
Notes: DIESEL, 4-STROKE, AIR-COOLED, DIRECT INJECTION				Exhaust Pro / Rec: .031-.049" V/REC (.787-1.245 MM) *		
Comments: * W/COMPRESSION RELEASE: EXHAUST V/REC .022-.037						
LOMBARDINI	1.3	80		8LD600-2		8LD600-2, 904
Intake Pro / Rec: .024-.031" V/REC (.61-.787 MM)				Min Height: .012" MAX REMOVE (.305 MM)		
Notes: DIESEL, 4-STROKE, AIR-COOLED, ALSO MODEL 904				Exhaust Pro / Rec: .030-.049" V/REC (.762-1.245 MM) *		
Comments: * W/COMPRESSION RELEASE: EXHAUST V/REC .022-.037						
LOMBARDINI	1.3	81		8LD665-2		8LD665-2, 914
Intake Pro / Rec: .024-.031" V/REC (.61-.787 MM)				Min Height: .012" MAX REMOVE (.305 MM)		
Notes: DIESEL, 4-STROKE, AIR-COOL, MODELS 914, 8LD665-2/L, L20				Exhaust Pro / Rec: .030-.049" V/REC (.762-1.245 MM) *		
Comments: * W/COMPRESSION RELEASE: EXHAUST V/REC .022-.037						
LOMBARDINI	1.3	82		5LD675-2		5LD675-2, LDA6
Intake Pro / Rec: .026-.033" V/REC (.66-.838 MM)				Exhaust Pro / Rec: .030-.049" V/REC (.762-1.245 MM) *		
Notes: DIESEL, 4-STROKE, AIR-COOLED, ALSO MODEL LDA672						
Comments: * W/COMPRESSION RELEASE EXHAUST V/REC .022-.037						
LOMBARDINI	1.5	90		8LD740-2		8LD740-2
Intake Pro / Rec: .024-.031" V/REC (.61-.787 MM)				Min Height: .012" MAX REMOVE (.305 MM)		
Notes: DIESEL, 4-STROKE, AIR-COOLED				Exhaust Pro / Rec: .030-.049" V/REC (.762-1.245 MM) *		
Comments: * W/COMPRESSION RELEASE: EXHAUST V/REC .022-.037						
LOMBARDINI	1.6	100		5LD825-2		5LD825-2, 832
Intake Pro / Rec: .026-.033" V/REC (.66-.838 MM)				Exhaust Pro / Rec: .030-.049" V/REC (.762-1.245 MM) *		
Notes: DIESEL, 4-STROKE, AIR-COOL, MODEL 832, 5LD825-2/L, L27						
Comments: * W/COMPRESSION RELEASE EXHAUST V/REC .022-.037						
LOMBARDINI				3 Cylinders		
LOMBARDINI	1.6	98		11LD535-3		11LD535-3
Intake Pro / Rec: .003-.049" V/REC (.750-1.250 MM) *				Exhaust Pro / Rec: .003-.049" V/REC (.750-1.250 MM) *		
Notes: DIESEL, AIR COOLED, DIRECT INJ.						
Comments: * MAX VALVE RECESSON .065" (1.650 MM)						
LOMBARDINI	1.9	114		11LD625-3		11LD625-3
Intake Pro / Rec: .003-.049" V/REC (.750-1.250 MM) *				Exhaust Pro / Rec: .003-.049" V/REC (.750-1.250 MM) *		
Notes: DIESEL, AIR COOLED, DIR INJ, ALSO 11LD626-3						
Comments: * MAX VALVE RECESSON .065" (1.650 MM)						
LOMBARDINI	2.0	123		5LD675-3		5LD65-3, LDA67
Intake Pro / Rec: .026-.033" V/REC (.66-.838 MM)				Exhaust Pro / Rec: .030-.049" V/REC (.762-1.245 MM) *		
Notes: DIESEL, 4-STROKE, AIR-COOLED, ALSO MODEL LDA673						
Comments: * W/COMPRESSION RELEASE EXHAUST V/REC .022-.037						
LOMBARDINI	2.5	151		5LD825-3		5LD825-3, 833
Intake Pro / Rec: .026-.033" V/REC (.66-.838 MM)				Exhaust Pro / Rec: .030-.049" V/REC (.762-1.245 MM) *		
Notes: DIESEL, 4-STROKE, AIR-COOL, MODEL 833, 5LD825-3/L, L40						
Comments: * W/COMPRESSION RELEASE EXHAUST V/REC .022-.037						
LOMBARDINI	2.8	170		5LD930-3		5LD930-3
Intake Pro / Rec: .026-.033" V/REC (.66-.838 MM)				Exhaust Pro / Rec: .030-.049" V/REC (.762-1.245 MM) *		
Notes: DIESEL, 4-STROKE, AIR-COOLED						
Comments: * W/COMPRESSION RELEASE EXHAUST V/REC .022-.037						

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
LONG			4 Cylinders			
LONG	3.6	219		2610		2610
New Height:	3.6620" (93.015 MM)			Min Height:	3.6420" (92.507 MM)	
Intake Pro / Rec:	.030-.040" (.762-1.016 MM)			Exhaust Pro / Rec:	.030-.040" (.762-1.016 MM)	
Notes:	DIESEL, 2610 TRACTOR					
MACK			6 Cylinders			
MACK	5.5	335		MIDR 06.02.12	84-89	MIDR 06.02.12
New Height:	3.7750-3.7840" (95.885-96.114 MM)			Min Height:	3.7560" (95.402 MM)	
Intake Pro / Rec:	.012-.031" V/REC (.305-.787 MM)			Exhaust Pro / Rec:	.020-.038" V/REC (.508-.965 MM)	
Notes:	MIDLINER, RENAULT					
Comments:	** MEASURED FROM HEAD DECK SURFACE, THICK			* "A" ENGINE USE .039" WASHER, OTHERS .059"		
MACK	6.2	377		MIDR 06.02.26	90-04	MIDR 06.02.26
New Height:	3.7756-3.7835" (95.9-96.101 MM)			Exhaust Pro / Rec:	.020-.027" V/REC (.508-.686 MM)	
Intake Pro / Rec:	.002-.009" V/REC (.051-.229 MM)					
Notes:	I, K, L, K DIESEL, MIDLINER, RENAULT					
Comments:	* L & M ENGINES = .2055 -.2646"					
MACK	7.6	465		465	64-67	END-465
Notes:	END-465					
Min Height:	4.640" (117.856 MM) REPORTED					
Notes:	END-465					
MACK	7.8	475		475		END-475
New Height:	4.9200-4.9300" (124.968-125.222 MM)			Min Height:	4.9000" (124.46 MM)	
Intake Pro / Rec:	.028-.040" V/REC (.711-1.016 MM)			Exhaust Pro / Rec:	.028-.040" V/REC (.711-1.016 MM)	
Notes:	SCANIA, END-475					
Comments:	RING GROOVE DEPTH .008" X .039" WIDE					
MACK	7.8	477		477		477
New Height:	4.5300-4.5400" (115.062-115.316 MM)			Min Height:	4.5040" (114.402 MM)	
Intake Pro / Rec:	.020-.039" V/REC (.508-.991 MM)			Exhaust Pro / Rec:	.029-.039" V/REC (.737-.991 MM)	
Notes:	SCANIA					
Comments:	FIRE RING GROOVE .008" DEEP BY .039" WIDE					
MACK	8.4	510		510	50-53	END-510
New Height:	4.6120" (117.145 MM)			Min Height:	4.6020" (116.891 MM)	
Intake Pro / Rec:	.014-.050" V/REC (.356-1.270 MM)			Exhaust Pro / Rec:	.014-.050" V/REC (.356-1.270 MM)	
Notes:	END-510 DIESEL, OHV					
MACK	8.8	538		MIDS 06.20.30	79-88	MIDS 06.20.30
New Height:	4.9210" (124.993 MM)			Min Height:	4.9090" (124.689 MM)	
Intake Pro / Rec:	.022-.035" V/REC (.559-.889 MM)			Exhaust Pro / Rec:	.029-.041" V/REC (.737-1.041 MM)	
Notes:	MS 300 MIDLINER, RENAULT					
MACK	9.8	600		MIDR 06.20.45		E5-240
New Height:	4.9232-4.9193" (125.049-124.95 MM)			Exhaust Pro / Rec:	.029-.041" V/REC (.737-1.041 MM)	
Intake Pro / Rec:	.022-.035" V/REC (.559-.889 MM)					
Notes:	DIESEL, AIR COOLED, VERTICAL, DIRECT INJ, MACK E5-240					
MACK	11.0	672		672		END-672
Notes:	END-672 DIESEL, OHV					
Min Height:	4.640" (117.856 MM) REPORTED					
Notes:	END-672 DIESEL, OHV					
MACK	11.0	672		673		END-673, ENDT
New Height:	4.6220-4.6280" (117.399-117.551 MM)			Min Height:	4.6020" (116.891 MM)	
Intake Pro / Rec:	.014-.050" V/REC (.356-1.270 MM)			Exhaust Pro / Rec:	.014-.050" V/REC (.356-1.270 MM)	
Notes:	END-673 & ENDT-673-SER #ENDT-673-62-63					
Comments:	FIRE RING DEPTH, .008-.015" BY .033" WIDE.					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
MACK						
			6 Cylinders (cont.)			
MACK	11.0	672		E6	58-89	E6 2VLV HEAD
New Height:	4.6220-4.6280" (117.399-117.551 MM)			Min Height:	4.6020" (116.891 MM)	
Intake Pro / Rec:	.014-.050" V/REC (.356-1.27 MM)			Exhaust Pro / Rec:	.014-.050" V/REC (.356-1.27 MM)	
Castings Numbers:	Head #: 5213B, 732GB, 732GB4976, 732GB519, 732GB5280, 732GB529A Block #: 239GB5320B, 239GB5358B					
Notes:	DIESEL, 2 VALVE HEAD, 675					
Comments:	FIRE RING GROOVE DEPTH = .008-.013" BY .033" WIDE					
MACK	11.0	672		E6-4VH	88-97	E6 4 VLV HEA
New Height:	6.3910-6.3970" (162.331-162.484 MM)			Min Height:	6.3810" (162.077 MM)	
Intake Hgt:	2.6350-2.6400" (66.929-67.056 MM)			Exhaust Hgt:	2.6350-2.6400" (66.929-67.056 MM)	
Intake Pro / Rec:	+.036-.047" V/PRO (.914-1.194 MM)			Exhaust Pro / Rec:	.035-.048" V/REC (.889-1.219 MM)	
Castings Numbers:	Head #: 5213B, 732GB, 732GB4976, 732GB5292A, 732GB529A Block #: 239GB5358B, 239GB5358C, 239GB5450PT					
Notes:	673, 4 VALVE HEAD					
MACK	11.1	675		675		ENDT-675 4VL
New Height:	6.3910-6.3970" (162.331-162.484 MM)			Min Height:	6.3810" (162.077 MM)	
Intake Hgt:	2.6350-2.6400" (66.929-67.056 MM)			Exhaust Hgt:	2.6350-2.6400" (66.929-67.056 MM)	
Intake Pro / Rec:	.036-.047" V/PRO (.914-1.194 MM)			Exhaust Pro / Rec:	.035-.048" V/REC (.889-1.219 MM)	
Castings Numbers:	Head #: 732GB2861, 732GB5228, 732GB5280, 732GB5280B					
Notes:	ENDT-675, 4 VALVE HEAD					
Comments:	FIRE RING DEPTH .008-.015 BY .033 WIDE					
MACK	11.1	676		676		ETAB676B
New Height:	4.6220-4.6280" (117.399-117.551 MM)			Min Height:	4.6020" (116.891 MM)	
Intake Pro / Rec:	.014-.050" V/REC (.356-1.27 MM)			Exhaust Pro / Rec:	.014-.050" V/REC (.356-1.27 MM)	
Castings Numbers:	Head #: 732GB2861, 732GB5255, 732GB5280B					
Notes:	ETAB676B					
Comments:	FIRE RING GROOVE .008" DEEP.					
MACK	11.7	711		711		711
New Height:	4.6220-4.6280" (117.399-117.551 MM)			Min Height:	4.6020" (116.891 MM)	
Intake Pro / Rec:	.014" MIN V/REC (.356 MM)			Exhaust Pro / Rec:	.014" MIN V/REC (.356 MM)	
Castings Numbers:	Head #: 732GB23696B, 732GB2696					
Comments:	FIRE RING GROOVE .008" DEEP.					
MACK	12.0	728		E7	89-02	E7
New Height:	6.3910-6.3970" (162.331-162.484 MM)			Min Height:	6.3810" (162.077 MM)	
Intake Hgt:	2.0000-2.030" (50.8-51.562 MM)			Exhaust Hgt:	2.0050-2.0350" (50.927-51.689 MM)	
Intake Pro / Rec:	.035-.049" V/PRO (.889-1.245 MM)			Exhaust Pro / Rec:	.034-.048" V/REC (.864-1.219 MM)	
Castings Numbers:	Head #: 732GB23696B, 732GB2696, 732GB4464M, 732GB4468M, 732GB5292A, 732GB5311A, 732GB5320M, 732GB5326M2, 732GB5327M, 732GB53311A, 732GB5335M					
Notes:	12.0L DIESEL, 4 VALVE PER CHAMBER					
Comments:	FIRE RING GROOVE DEPTH = .005-.013" *1993-94-> NON DYNATARD ENGINES = .014-.028" V/REC ** "Y" VALVE = .075" MIN.					
MACK	12.0	728		E-TECH	98-05	E-TECH
New Height:	6.3910-6.3970" (162.331-162.484 MM)			Exhaust Pro / Rec:	.014-.028" V/REC (.356-.711 MM)	
Intake Pro / Rec:	.036-.050" V/PRO (.902-1.257 MM)					
Castings Numbers:	Head #: 732GB5341, 732GB5341M					
Notes:	DIESEL					
Comments:	* NOTE: VALVE YOKE SETTING MUST BE COMPLETED AT EACH LOCATION WITH THE RESPECTIVE PISTON AT TDC FIRING POSITION PRIOR TO SETTING THE (COLD STATIC) ROCKER ARM LASH.					
MACK			8 Cylinders			
MACK	14.2	864		864		864
Intake Pro / Rec:	.056-.092" V/REC (1.422-2.337 MM)			Exhaust Pro / Rec:	.107-.133" V/REC (2.718-3.378 MM)	
Castings Numbers:	Head #: 723GB2666, 723GB5209C, 732GB2972B					
MACK	14.2	865		865		865, 866
New Height:	6.3910-6.3970" (162.331-162.484 MM)			Min Height:	6.3810" (162.077 MM)	
Intake Pro / Rec:	.056-.082" V/REC (1.422-2.083 MM)			Exhaust Pro / Rec:	.107-.133" V/REC (2.718-3.378 MM)	
Castings Numbers:	Head #: 732GB2760D, 732GB2760F, 732GB5209C, 732GB5231D					
Notes:	866/TRUCK					
Comments:	FIRE RING GROOVE - .041 WIDE BY .008 DEEP					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
MACK				8 Cylinders (cont.)		
MACK	16.3	998		E9	90-01	E9
New Height:	6.391-6.397" (162.331-162.484 MM)			Min Height:	6.3810" (162.077 MM)	
Intake Pro / Rec:	.064-.078" V/REC (1.626-1.981 MM)			Exhaust Pro / Rec:	.104-.118" V/REC (2.642-2.997 MM)	
Casting Numbers:	Head #:34286					
Notes:	V8 DIESEL					
Comments:	FIRE RING GROOVE DEPTH, .010-.015"					
MASSEY FERGUSON				2 Cylinders		
MASSEY FERGUSO	1.1	65		MF205		S107
New Height:	2.954" (75.032 MM) REPORTED					
Intake Pro / Rec:	.016-.020" V/REC (.406-.508 MM)			Exhaust Pro / Rec:	.016-.020" V/REC (.406-.508 MM)	
Notes:	DIESEL, TOYOSHA S107					
Comments:	* TIGHTEN LOCKNUTS-29-32 FT/LBS AFTER ADJUSTING VALVE CLEAR.					
MASSEY FERGUSO	1.3	77		MF210		P126
Intake Pro / Rec:	.016-.020" V/REC (.406-.508 MM)			Exhaust Pro / Rec:	.016-.020" V/REC (.406-.508 MM)	
Notes:	DIESEL, TOYOSHA P126					
Comments:	* TIGHTEN LOCKNUTS 29-32 FT/LBS AFTER ADJUSTING VALVE CLEAR.					
MASSEY FERGUSO	1.5	90		MF220		S148
Intake Pro / Rec:	.016-.020" V/REC (.406-.508 MM)			Exhaust Pro / Rec:	.016-.020" V/REC (.406-.508 MM)	
Notes:	DIESEL, TOYOSHA S148					
Comments:	* TIGHTEN LOCKNUTS 29-32 FT/LBS AFTER ADJUSTING VALVE CLEAR.					
MASSEY FERGUSON				3 Cylinders		
MASSEY FERGUSO	0.9	53		1010		CS86
Intake Pro / Rec:	.020-.023" V/REC (.508-.584 MM)			Exhaust Pro / Rec:	.020-.023" V/REC (.508-.584 MM)	
Notes:	DIESEL, HINOMOTO MODEL CS86					
MASSEY FERGUSO	1.1	69		1020		CS112
Intake Pro / Rec:	.020-.023" V/REC (.508-.584 MM)			Exhaust Pro / Rec:	.020-.023" V/REC (.508-.584 MM)	
Notes:	DIESEL, HINOMOTO MODEL CS112					
MASSEY FERGUSO	1.4	87		1030		MS142
Intake Pro / Rec:	.020-.023" V/REC (.508-.584 MM)			Exhaust Pro / Rec:	.020-.023" V/REC (.508-.584 MM)	
Casting Numbers:	Head #:6051 Block #: 841011					
Notes:	DIESEL, MS142, HINOMOTO, DIR INJ, 4 STROKE					
Comments:	CYL HEAD TORQUE SEQ: 11 10 9			8 4 1 5 -> FRONT		7 3 2
	6					
MASSEY FERGUSO	3.3	201		320		320D, 320DS
New Height:	4.1260-4.1338" (104.8-104.999 MM)			Min Height:	4.0945" (104. MM)	
Intake Pro / Rec:	.026-.030" V/REC (.66-.762 MM) *			Exhaust Pro / Rec:	.022-.026" V/REC (.559-.66 MM) *	
Notes:	DIESEL, 320D, 320DS PERKINS VALMET ENGINE, DIR INJ					
Comments:	* MAX V/REC: INTAKE .067, EXHAUST .063					
MASSEY FERGUSON				4 Cylinders		
MASSEY FERGUSO	2.3	138		23C		23C
Intake Pro / Rec:	.100" MAX V/REC (2.54 MM)			Exhaust Pro / Rec:	.100" MAX V/REC (2.54 MM)	
Notes:	STANDARD DIESEL TRACTOR					
MASSEY FERGUSO	2.4	145		MF245		Z145
New Height:	3.406" (86.512 MM)					
Notes:	GAS, CONTINENTAL Z145 ENGINE					
MASSEY FERGUSO	4.4	268		420		420D,420DS,W
New Height:	4.1260-4.1338" (104.8-104.999 MM)			Min Height:	4.0945" (104. MM)	
Intake Pro / Rec:	.026-.030" V/REC (.66-.762 MM) *			Exhaust Pro / Rec:	.022-.026" V/REC (.559-.66 MM) *	
Notes:	DIESEL,420D,420DS,420DW,420DWI PERKINS VALMET,D.I.					
Comments:	* MAX V/REC: INTAKE .067, EXHAUST .063					
MASSEY FERGUSO	5.2	318		4.318		285
New Height:	3.2500" (82.55 MM)					
Intake Pro / Rec:	.057-.071" V/REC (1.448-1.803 MM)			Exhaust Pro / Rec:	.052-.065" V/REC (1.321-1.651 MM)	
Casting Numbers:	Head #:37116200, 37116240, 37116240-1 Block #: 37112800					
Notes:	PERKINS AGRI 285 TRACTOR					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
MASSEY FERGUSON			6 Cylinders			
MASSEY FERGUSO	6.6	402		620		620D, 620DS
New Height:	4.1260-4.1338" (104.8-104.999 MM)			Min Height:	4.0945" (104. MM)	
Intake Pro / Rec:	.026-.030" V/REC (.66-.762 MM) *			Exhaust Pro / Rec:	.022-.026" V/REC (.559-.66 MM) *	
Notes:	DIESEL, 620D, 620DS PERKINS VALMET ENG, DIR INJ					
Comments:	* MAX V/REC: INTAKE .067, EXHAUST .063					
MASSEY FERGUSO	7.4	449		634		634DSI
New Height:	4.1260-4.1338" (104.8-104.999 MM)			Min Height:	4.0945" (104. MM)	
Intake Pro / Rec:	.026-.030" V/REC (.66-.762 MM) *			Exhaust Pro / Rec:	.022-.026" V/REC (.559-.66 MM) *	
Notes:	DIESEL, 634DSI PERKINS VALMET ENGINE, DIR INJ					
Comments:	* MAX V/REC: INTAKE .067, EXHAUST .063					
MASSEY FERGUSO	9.5	580		D600C		D962B
Intake Pro / Rec:	.020-.060" V/REC (.508-1.524 MM)			Exhaust Pro / Rec:	.020-.060" V/REC (.508-1.524 MM)	
Notes:	HANOMEG D962B GERMAN DIESEL					
MAZDA			4 Cylinders			
MAZDA	1.4	86	U	GLC SEDAN	79-80	UC
New Height:	3.5640-3.5700" (90.526-90.678 MM)			Min Height:	3.5510" (90.195 MM)	
Casting Numbers:	Head #:8124					
Notes:	SOHC, 2BC, GLC SEDAN, MIZER					
MAZDA	1.4	86	U	GLC WAGON	79-80	UC
New Height:	3.5640-3.5700" (90.526-90.678 MM)			Min Height:	3.5510" (90.195 MM)	
Casting Numbers:	Head #:8124					
Notes:	SOHC, 2BC, GLC WAGON, MIZER					
MAZDA	1.5	90	D5	D5FE	84-86	D5FE
New Height:	3.5640-3.5700" (90.526-90.678 MM)			Min Height:	3.5510" (90.195 MM)	
Casting Numbers:	Head #:8034A, E301					
Notes:	2BC, INDUSTRIAL, FORKLIFT					
Comments:	1490CC GLC					
MAZDA	1.5	90	E5	GLC	81-85	E5
New Height:	3.5640-3.5700" (90.526-90.678 MM)			Min Height:	3.5510" (90.195 MM)	
Casting Numbers:	Head #:E301					
Notes:	SOHC, GLC					
MAZDA	1.5	91	Z5	PROTÉGÉ	95-98	Z5
New Height:	4.733-4.741" (120.218-120.421 MM)			Min Height:	4.725" (120.015 MM)	
Intake Hgt:	1.323-1.345" (33.604-34.163 MM)			Exhaust Hgt:	1.323-1.345" (33.604-34.163 MM)	
Casting Numbers:	Head #:Z501, Z501-12-1 Block #: Z5					
Notes:	DOHC, PROTÉGÉ					
MAZDA	1.6	97	B6	323	87-92	
New Height:	4.2283-4.2362" (107.399-107.599 MM)			Min Height:	4.2203" (107.196 MM)	
Intake Hgt:	1.6730-1.7320" (42.494-43.993 MM)			Exhaust Hgt:	1.6340-1.6930" (41.504-43.002 MM)	
Casting Numbers:	Head #:61K, 630, 830, B301, B61K, BP01 Block #: B630					
Notes:	SOHC, MX3, 323, EFI, 16 VALVE HEAD					
Comments:	** FRONT & REAR CAM BORES = 1.7120-1.7135"					
MAZDA	1.6	97	B6	323	93-94	
New Height:	4.2283-4.2362" (107.399-107.599 MM)			Min Height:	4.2203" (107.196 MM)	
Intake Hgt:	1.5250-1.5550" (38.735-39.497 MM)			Exhaust Hgt:	1.5250-1.5550" (38.735-39.497 MM)	
Casting Numbers:	Head #:61K, 630, 830, B301, B61K, BP01 Block #: B61K					
Notes:	SOHC, 323, EFI, 8 VALVE					
Comments:	HYDRAULIC LASH COMPENSATORS USED IN 1988->					
MAZDA	1.6	97	N		73-78	
Intake Hgt:	1.850 REPORTED" (46.99 MM)			Exhaust Hgt:	1.850 REPORTED" (46.99 MM)	
Notes:	2BC					
MAZDA	1.6	98	B6	323	85-86	
New Height:	4.2280-4.2360" (107.391-107.594 MM)			Min Height:	4.2200" (107.188 MM)	
Intake Hgt:	1.5350-1.5750" (38.989-40.005 MM)			Exhaust Hgt:	1.5350-1.5750" (38.989-40.005 MM)	
Casting Numbers:	Head #:630					
Notes:	EFI, 323					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
MAZDA				4 Cylinders (cont.)		
MAZDA	1.6	98	B6	MIATA	90-95	
New Height:	5.2680-5.2767" (133.807-134.028 MM)			Min Height:	5.2677" (133.8 MM)	
Intake Hgt:	1.7130-1.7530" (43.51-44.526 MM)			Exhaust Hgt:	1.7130-1.7530" (43.51-44.526 MM)	
Casting Numbers:	Block #:B64E					
Notes:	DOHC, MIATA, MX3, EFI					
Comments:	*1.6730-1.7320" INT 1.6340-1.6930" EX SOHC VIN 2					
MAZDA	1.6	98	BP	MIATA	90-92	
New Height:	5.2680-5.2767" (133.807-134.028 MM)			Min Height:	5.2677" (133.8 MM)	
Intake Hgt:	1.7129-1.7520" (43.508-44.501 MM)			Exhaust Hgt:	1.7129-1.7520" (43.508-44.501 MM)	
Casting Numbers:	Head #:BP05					
Notes:	DOHC, EFI PORT, MIATA					
MAZDA	1.6	98	ZM	PROTÉGÉ	98-02	ZM
New Height:	4.733-4.741" (120.230-120.430 MM)			Min Height:	4.725" (120.015 MM)	
Intake Hgt:	1.524" (38.700 MM)			Exhaust Hgt:	1.524" (38.700 MM)	
Casting Numbers:	Head #:ZL101					
Notes:	DOHC, SFI					
MAZDA	1.8	112		MIATA	97-04	NB
New Height:	5.2680-5.2760" (133.807-134.010 MM)			Min Height:	5.2677" (133.800 MM)	
Intake Hgt:	1.772-1.795" *			Exhaust Hgt:	1.772-1.795" *	
Notes:	DOHC, EFI, MIATA, PROTÉGÉ, NON-HYDRAULIC					
Comments:	* REPORTED MEMBER # 17518 02-27-04 MC SOME HEADS MEASURED 1.805-1.825"					
MAZDA	1.8	112			75-84	
New Height:	4.3030" (109.296 MM)			Min Height:	4.2900" (108.966 MM)	
Intake Hgt:	1.6010-1.6410" (40.665-41.681 MM)			Exhaust Hgt:	1.4921-1.5221" (37.899-38.661 MM)	
Casting Numbers:	Head #:0304, 3906 Block #: VB					
Notes:	SOHC, CHAIN DRIVEN,					
MAZDA	1.8	112	4	PROTÉGÉ	93-94	
New Height:	4.228-4.236" (107.391-107.594 MM)			Min Height:	4.220" (107.188 MM)	
Intake Hgt:	1.6732-1.7323" (42.499-44. MM)			Exhaust Hgt:	1.6140-1.6730" (40.996-42.494 MM)	
Casting Numbers:	Head #:541, BP01 Block #: BP01					
Notes:	SOHC, EFI, 16 VALVE, PROTÉGÉ, BP					
MAZDA	1.8	112	BP	MIATA	90-96	
New Height:	5.268-5.276" (133.807-134.01 MM)			Min Height:	5.2677" (133.8 MM)	
Intake Hgt:	1.7539-1.7894" (44.549-45.451 MM)			Exhaust Hgt:	1.7539-1.7894" (44.549-45.451 MM)	
Casting Numbers:	Head #:BP01, BP05 Block #: BP01, BP05					
Notes:	DOHC, VIN 6,P,EFI, MIATA,PROTEGE,FREE WHEELING ENG					
MAZDA	1.8	112	BP	PROTÉGÉ	90-92	
New Height:	4.228-4.236" (107.391-107.594 MM)			Min Height:	4.220" (107.188 MM)	
Intake Hgt:	1.6732-1.7323" (42.499-44. MM)			Exhaust Hgt:	1.6142-1.6732" (41.001-42.499 MM)	
Casting Numbers:	Head #:541, BP01, BP201					
Notes:	SOHC, EFI, 16 VALVE, PROTÉGÉ					
MAZDA	2.0	120	M	626	79-84	MA
New Height:	4.2980" (109.169 MM)			Min Height:	4.2890" (108.941 MM)	
Intake Hgt:	1.6010-1.6400" (40.665-41.656 MM)			Exhaust Hgt:	1.4921-1.5221" (37.899-38.661 MM)	
Casting Numbers:	Head #:8086, 8682, F8-1, F8-2, F8-5, HE-19					
Notes:	SOHC, 2BC CHAIN DRIVER 626, B2000, FORD COURIER					
MAZDA	2.0	120	MA	626	84-87	
New Height:	3.6200-3.6300" (91.948-92.202 MM)			Min Height:	3.6120" (91.745 MM)	
Intake Hgt:	1.6010-1.6400" (40.665-41.656 MM)			Exhaust Hgt:	1.4921-1.5221" (37.899-38.661 MM)	
Casting Numbers:	Head #:8086, 8682, HE-19					
Notes:	SOHC, 626					
MAZDA	2.0	120	MA	B2000	82-84	
New Height:	4.298" (109.169 MM)			Min Height:	4.289" (108.941 MM)	
Intake Hgt:	1.610-1.640" (40.894-41.656 MM)			Exhaust Hgt:	1.492-1.521" (37.897-38.633 MM)	
Casting Numbers:	Head #:8086, 8582, 8682, HE-19					
Notes:	2BC, B2000					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
MAZDA				4 Cylinders (cont.)		
MAZDA	2.0	120	MA	B2000	84-86	
New Height:	3.6200-3.6300" (91.948-92.202 MM)			Min Height:	3.6120" (91.745 MM)	
Intake Hgt:	1.6010-1.6400" (40.665-41.656 MM)			Exhaust Hgt:	1.4921-1.5221" (37.899-38.661 MM)	
Castings Numbers:	Head #:8086, 8682, HE-19					
Notes:	SOHC, B2000					
MAZDA	2.0	120	MA		81-81	MA
New Height:	4.298" (109.169 MM)			Min Height:	4.289" (108.941 MM)	
Castings Numbers:	Head #:8086					
Notes:	SOHC, 2BC					
MAZDA	2.0	121	VA		71-79	
New Height:	3.5630" (90.500 MM)					
Intake Hgt:	1.930-1.990" (49.022-50.546 MM)			Exhaust Hgt:	1.930-1.990" (49.022-50.546 MM)	
Castings Numbers:	Head #:VA, VA33 Block #: M4-122G, VA, VA492834					
Notes:	LIFT TRUCK, GAS OR LPG, 4 STROKE					
MAZDA	2.0	122	FE	626	83-87	
New Height:	3.6200-3.6400" (91.948-92.456 MM)			Min Height:	3.6120" (91.745 MM)	
Intake Hgt:	1.8310-1.8500" (46.507-46.99 MM)			Exhaust Hgt:	1.8310-1.8500" (46.507-46.99 MM)	
Castings Numbers:	Head #:F8, F8-1, F8-12, F8-2, F8-3, F8-5, F8-6, F8-9, FE-01, FE11, FE79, FE-79, FE-79 Block #: FE					
Notes:	SOHC, EFI, 626					
Comments:	* DISCARD AFTER 2.000"		** DISCARD AFTER 1.680"			
MAZDA	2.0	122	FE		84-87	FE
New Height:	3.6200-3.6400" (91.948-92.456 MM)			Min Height:	3.6120" (91.745 MM)	
Intake Hgt:	1.8310-1.8500" (46.507-46.99 MM)			Exhaust Hgt:	1.8310-1.8500" (46.507-46.99 MM)	
Castings Numbers:	Head #:FE79, FE-79					
Notes:	SOHC, FORKLIFT ENGINE 1998 CC'S					
MAZDA	2.0	122	FE(1)	B2000	83-88	FE
New Height:	3.6200-3.6400" (91.948-92.456 MM)			Min Height:	3.6120" (91.745 MM)	
Intake Hgt:	1.8310-1.8500" (46.507-46.99 MM)			Exhaust Hgt:	1.8310-1.8500" (46.507-46.99 MM)	
Castings Numbers:	Head #:F8, F8-1, F8-13, F8-14, F8-2, F8-4, F8-5, F8-9, FB11, FE-01, FE11 Block #: FE					
Notes:	SOHC, EFI, 626, B2000					
MAZDA	2.0	122	FS	626,MR2	93-02	
New Height:	4.8996-4.9035" (124.45-124.549 MM)			Min Height:	4.8936" (124.297 MM)	
Intake Hgt:	1.5350-1.5550" (38.989-39.497 MM)			Exhaust Hgt:	1.5350-1.5550" (38.989-39.497 MM)	
Castings Numbers:	Head #:232-42, FS-2, FS-9 Block #: FS, PB4					
Notes:	DOHC, MPI, 16 VALVE, 626, MR2, MX6					
Comments:	* 1995 - 47.7 CC			** MECHANICAL FOLLOWERS		
	BOTH VALVES 1993-02 .009-.012" (.22-.30 MM)					
MAZDA	2.0	122	LF	3	04-05	
Intake Hgt:	1.600-1.662" (40.640-42.240 MM)			Exhaust Hgt:	1.595-1.657" (40.500-42.100 MM)	
Notes:	DOHC					
Comments:	* F BOLT LENGTH EXCEEDS 5.910" (W/WASHER) OR 5.760" (W/OUT WASHER), IT MUST BE REPLACED.					
MAZDA	2.0	122	RF	626	84-85	
New Height:	5.2770-5.2900" (134.036-134.366 MM)					
Intake Pro / Rec:	.029-.050" V/REC (.737-1.27 MM)			Exhaust Pro / Rec:	.029-.050" V/REC (.737-1.27 MM)	
Castings Numbers:	Head #:6					
Notes:	626 DIESEL					
MAZDA	2.2	0	F2SA	F2		F2
New Height:	3.6200-3.6240" (91.250-92.050 MM)			Min Height:	3.6120" (91.744 MM)	
Castings Numbers:	Head #:F2SM					
Notes:	YALE FORKLIFT 2184 CC'S					
MAZDA	2.2	133	F2	626	88-92	
New Height:	3.6200-3.6240" (91.948-92.05 MM)			Min Height:	3.6120" (91.745 MM)	
Intake Hgt:	1.976-2.008" (50.19-51.003 MM)			Exhaust Hgt:	1.976-2.008" (50.19-51.003 MM)	
Castings Numbers:	Head #:F201, F220 Block #: F2					
Notes:	MFI, 626 TURBO & NON TURBO, 12 VALVE HEAD, MX6					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
MAZDA				4 Cylinders (cont.)		
MAZDA	2.2	133	F2	B2200	87-93	
New Height:	3.6200-3.6240" (91.948-92.05 MM)			Min Height:	3.6120" (91.745 MM)	
Intake Hgt:	1.8310-1.8500" (46.507-46.99 MM)			Exhaust Hgt:	1.8310-1.8500" (46.507-46.99 MM)	
Casting Numbers:	Head #:F8, F8-10, F8-11, F8-11H, F8-15, FA16A Block #: F2					
Notes:	2BC, B2200, 8 VALVE HEAD					
Comments:	* REPORTED MEMBER # 1832 04-05-05 MC					
MAZDA	2.2	135	S-2		82-84	
New Height:	3.252" (82.601 MM)			Exhaust Hgt:	1.8900-1.9490" (48.006-49.505 MM)	
Intake Hgt:	1.8900-1.9490" (48.006-49.505 MM)			Exhaust Pro / Rec:	.035-.055" V/REC (.889-1.397 MM)	
Intake Pro / Rec:	.040-.060" V/REC (1.016-1.524 MM)					
Casting Numbers:	Head #:S-21					
Notes:	OHV, DIESEL, P/U TRUCK					
MAZDA	2.3	140	A	B2300	94-97	
Intake Hgt:	2.070 (52.756 MM)			Exhaust Hgt:	2.070 (52.756 MM)	
Casting Numbers:	Head #:E89E-AB, E97E-BA, F27E-A11B, F57E-E11C Block #: E89E-AD, F57E-DE, F57E-DF, F57E-DG					
Notes:	SOHC, PFI, B2300					
Comments:	* SPRING CHANGES TO 2.020" IN 1997 AND 57-63 LBS. AT 1.56"					
MAZDA	2.3	140	L3	3 & 6	03-05	
Intake Hgt:	1.600-1.662" (40.640-42.240 MM)			Exhaust Hgt:	1.595-1.657" (40.500-42.100 MM)	
Casting Numbers:	Block #: L3					
Notes:	DOHC					
Comments:	* IF BOLT LENGTH EXCEEDS 5.91" (WITH WASHER) OR 5.76" (W/OUT WASHER), IT MUST BE REPLACED.					
MAZDA	2.5	153		B2500	98-03	
Min Height:	.010" MAX REMOVE (.254 MM)					
Notes:	MFI, SOHC, B2500 TRUCK, MANUAL TRANSMISSION					
MAZDA	2.5	154	D	154		XA
New Height:	3.2480-3.2520" (82.499-82.601 MM)			Exhaust Pro / Rec:	.027-.040" V/REC (.686-1.016 MM)	
Intake Pro / Rec:	.029-.041" V/REC (.737-1.041 MM)					
Casting Numbers:	Head #:4-154, XA154					
Notes:	XA DIESEL, YALE FORKLIFTS, MARKETED/PERKINS					
Comments:	OE:NO RESURF DUE-CHAMBERS SPRGS:INNER 1.40" @ 28#; OUTER 2.0" @ 40#					
MAZDA	2.6	156	G54	B2600	86-88	G54
New Height:	3.5430" (89.992 MM)			Min Height:	3.5230" (89.484 MM)	
Intake Hgt:	1.6900-1.7100" (42.926-43.434 MM)			Exhaust Hgt:	1.6800-1.7000" (42.672-43.18 MM)	
Casting Numbers:	Block #:G54B					
Notes:	MMC, 2BC, MPV, B2600, PICKUP					
MAZDA	2.6	159		B2600	89-95	G6
New Height:	3.5413-3.5452" (89.949-90.048 MM)			Min Height:	3.533" (89.492 MM)	
Intake Hgt:	1.9290-1.9490" (48.997-49.505 MM)			Exhaust Hgt:	1.9290-1.9490" (48.997-49.505 MM)	
Casting Numbers:	Head #:G6, MPV					
Notes:	MFI, MPV, B2600I, 12 VALVE HEAD, G ENGINE					
MAZDA	3.0	182	HA	T3000	81-94	HA
Intake Hgt:	1.885-1.900" (47.879-48.260 MM) *			Exhaust Hgt:	1.885-1.900" (47.879-48.260 MM)	
Intake Pro / Rec:	.045-.060" V/Rec (1.143-1.524 MM)			Exhaust Pro / Rec:	.045-.060" V/Rec (1.143-1.524 MM)	
Notes:	DIESEL					
Comments:	* REPORTED MEMBER # 26791+ 2805					
MAZDA	3.5	211		SL	84-00	SL
New Height:	7.9212" (125.000 MM)			Exhaust Pro / Rec:	.014-.024" V/REC (.40-.60 MM)	
Intake Pro / Rec:	.014-.024" V/REC (.40-.60 MM)					
Notes:	TURBO DIESEL					
MAZDA	4.6	278		TM		TM
Intake Hgt:	1.906" (48.400 MM) W/SHIM INSTALLED			Exhaust Hgt:	1.906" (48.400 MM) W/SHIM INSTALLED	
Notes:	DIESEL, YALE TRUCK					
MAZDA				6 Cylinders		
MAZDA	1.8	112	K8D	MX-3	92-95	
New Height:	5.252-5.260" (133.401-133.604 MM)					
Notes:	DOHC, EFI, MX-3, 24 VALVE					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
MAZDA						6 Cylinders (cont.)
MAZDA	2.3	137	KJ	MILLENNIA	94-99	
New Height:	* SEE COMMENTS			Min Height:	.006" MAX REMOVE (.152 MM)	
Intake Hgt:	1.709-1.728" (43.409-43.891 MM)			Exhaust Hgt:	1.709-1.728" (43.409-43.891 MM)	
Castling Numbers:	Head #:KJ101, KJ1A1 Block #: KJ					
Notes:	DOHC, MFI, MILLENNIA, MILLER CYCLE OR SUPERCHARGED					
Comments:	* HGT=5.032-5.036 & 5.744-5.748 MEASURED FROM CAM CENTERLINES-DECK. SEE AERA TB 1700.					
MAZDA	2.5	153	KL	626	93-00	
New Height:	5.252-5.260" (133.401-133.604 MM)			Min Height:	5.246" (133.248 MM)	
Intake Hgt:	1.634-1.654" (41.504-42.012 MM)			Exhaust Hgt:	1.634-1.654" (41.504-42.012 MM)	
Castling Numbers:	Head #:K31101, K311A1, K8101, K81A1, KL101, KL101, KL1A1, KL1A1, KL31-101, KL31-1A1 Block #: KL					
Notes:	DOHC, MX-6, 626, SOLID LIFTERS 1999 UP					
Comments:	** IN 1999 LIFTERS WERE CHANGED FROM HYD-SOLID. COLD SETTINGS INTAKE .009-.012" & EXHAUST .010-.013"					
MAZDA	3.0	180	JE	929	88-89	
New Height:	4.931-4.935" (125.247-125.349 MM)			Min Height:	4.9251" (125.098 MM)	
Intake Hgt:	1.9690-2.0080" (50.013-51.003 MM)			Exhaust Hgt:	1.9290-1.9690" (48.997-50.013 MM)	
Castling Numbers:	Head #:JE, JE06, JEO-6 Block #: JE					
Notes:	SOHC, MFI, 929, MPV					
MAZDA	3.0	180	JE	929	90-96	
New Height:	5.7067-5.7106" (144.95-145.049 MM)			Min Height:	5.7007" (144.798 MM)	
Intake Hgt:	2.0050-2.0350" (50.927-51.689 MM)			Exhaust Hgt:	2.0050-2.0350" (50.927-51.689 MM)	
Castling Numbers:	Head #:JE1A1, JE26, JE26101, JE261A1, JE27, JE48, JE48101 Block #: JE27, JE48, JE74					
Notes:	DOHC, MFI, MPV, 929					
Comments:	* #2&3: 1.1811-1.1820					
MAZDA	3.0	180	JE	929	90-97	
New Height:	4.931-4.935" (125.247-125.349 MM)			Min Height:	4.9251" (125.098 MM)	
Intake Hgt:	1.9880-2.0080" (50.495-51.003 MM)			Exhaust Hgt:	1.9490-1.9690" (49.505-50.013 MM)	
Castling Numbers:	Head #:JE06, JEO-6 Block #: JE					
Notes:	SOHC, MFI, 929, MPV					
MAZDA	3.0	182	1	TRIBUTE	-03	DURATECH
New Height:	5.1550-5.1630" (130.937-131.140 MM)			Exhaust Hgt:	2.012-2.030" (51.105-51.562 MM)	
Intake Hgt:	2.020-2.035" (51.308-51.689 MM)					
Castling Numbers:	Head #:F7DE-AB, RFF7DE6C064-AC Block #: F5DE-EH					
Notes:	DOHC, SFI, TRIBUTE					
Comments:	* USE NEW BOLTS.					
MAZDA	3.0	182	U	B3000	94-98	
Min Height:	.010" MAX REMOVE (.254 MM)					
Notes:	MPFI, B3000					
MAZDA	4.0	244	X	B4000	90-98	
Intake Hgt:	1.7350-1.7450" (44.069-44.323 MM)			Exhaust Hgt:	1.7350-1.7450" (44.069-44.323 MM)	
Castling Numbers:	Head #:90TM, 90TM-BE, 93TM, 93TM-AA, 95TM-AD, CAS-1A Block #: 90TM-AB					
Notes:	CAM IN BLOCK FORD, MFI, NAVAJO, B4000					
MAZDA	4.0	247		ZB	80-04	ZB
Intake Hgt:	1.8913-1.9504" (48.039-49.540 MM)			Exhaust Hgt:	1.8913-1.9504" (48.039-49.540 MM)	
Intake Pro / Rec:	.035-.051" V/REC (.889-1.295 MM)			Exhaust Pro / Rec:	.035-.051" V/REC (.889-1.295 MM)	
Notes:	DIESEL					
MERCEDES BENZ						4 Cylinders
MERCEDES BENZ	1.8	108	D	180D	75-76	OM636
New Height:	4.1654-4.1732" (105.801-105.999 MM)			Min Height:	4.1259" (104.798 MM)	
Intake Pro / Rec:	.024-.055" V/REC (.61-1.397 MM)			Exhaust Pro / Rec:	.032-.063" V/REC (.813-1.6 MM)	
Castling Numbers:	Head #:636016140					
Notes:	OM636, 180D DIESEL					
Comments:	*GUIDE HEIGHT MEASURED FROM THE DECK OF THE HEAD -THE GUIDE ITSELF					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
MERCEDES BENZ				4 Cylinders		(cont.)
MERCEDES BENZ	1.9	116		190SL	59-62	121.9
New Height: 3.3386-3.3465" (84.8-85.001 MM)				Min Height: 3.3189" (84.3 MM)		
Intake Pro / Rec: min .050" Rec						
Casting Numbers: Head #:1210103820						
Notes: 121.9 SERIES, 190SL						
MERCEDES BENZ	2.0	121		200D	64-68	
New Height: 3.3386-3.3464" (84.8-84.999 MM)				Min Height: 3.3071" (84. MM)		
Casting Numbers: Block #:621191810011970						
Notes: 200D DIESEL						
MERCEDES BENZ	2.2	134		615.912	68-73	OM615
New Height: 3.3270-3.3460" (84.506-84.988 MM)				Min Height: 3.3070" (83.998 MM)		
Notes: DIESEL 615.912						
MERCEDES BENZ	2.2	134		M115	67-73	M115
New Height: 3.3390-3.3460" (84.811-84.988 MM)				Min Height: 3.3290" (84.557 MM)		
Intake Pro / Rec: .000-.035" V/REC (-.889 MM)		Exhaust Pro / Rec: .630-.670" V/REC (16.002-17.018 MM)				
Notes: 1BC, M115 ENGINE						
MERCEDES BENZ	2.2	134			84-85	OM601
New Height: 5.6300-5.6400" (143.002-143.256 MM)				Min Height: 5.606"(142.400 MM)		
Intake Pro / Rec: .002-.060" V/REC (.051-1.524 MM)		Exhaust Pro / Rec: .002-.060" V/REC (.051-1.524 MM)				
Casting Numbers: Head #:6010160501						
Notes: DIESEL						
MERCEDES BENZ	2.2	134	C220		94-98	M111
New Height: 5.350-5.354" (135.89-135.992 MM)				Min Height: 5.334" (135.484 MM)		
Intake Hgt: .991-1.011" (25.171-25.679 MM) *				Exhaust Hgt: .912-.933" (23.165-23.698 MM) *		
Notes: GAS, SFI						
Comments: * END OF VALVE STEM-BASE OF CAMSHAFT BRG BORE.						
MERCEDES BENZ	2.3	140		190E	84-88	102.9
New Height: 3.8740-3.8780" (98.4-98.501 MM)				Min Height: 3.8500" (97.79 MM)		
Intake Hgt: 1.8300-1.8500" (46.482-46.99 MM)		Exhaust Hgt: 1.8300-1.8500" (46.482-46.99 MM)				
Intake Pro / Rec: .048-.084" V/REC (1.219-2.134 MM)		Exhaust Pro / Rec: .020-.056" V/REC (.508-1.422 MM)				
Casting Numbers: Head #:2R1020163201						
Notes: SOHC, 190E GAS, MODEL 102.985, 102.961						
Comments: M102 ENGINE						
MERCEDES BENZ	2.3	140		230	74-78	M115
New Height: 3.3390-3.3460" (84.811-84.988 MM)				Min Height: 3.307" (83.998 MM)		
Intake Pro / Rec: .004" V/REC (.102 MM)		Exhaust Pro / Rec: .630" V/REC (16.002 MM)				
Casting Numbers: Head #:M1150162001						
Notes: 230, OHC, ENG DESIGNATOR #11595154						
MERCEDES BENZ	2.3	140	190E	190E	91-95	102
New Height: 3.880" (98.552 MM)				Min Height: 3.850" (97.79 MM)		
Intake Hgt: 1.830-1.850" (46.482-46.99 MM)		Exhaust Hgt: 1.830-1.850" (46.482-46.99 MM)				
Intake Pro / Rec: .048-.084" V/REC (1.219-2.134 MM)		Exhaust Pro / Rec: .020-.056" V/REC (.508-1.422 MM)				
Notes: 190E 102 ENGINE						
MERCEDES BENZ	2.4	146	OM616	240D	83-84	
New Height: 3.3270-3.3460" (84.506-84.988 MM)				Min Height: 3.3070" (83.998 MM)		
Intake Pro / Rec: .002-.060" V/REC (.051-1.524 MM)		Exhaust Pro / Rec: .002-.060" V/REC (.051-1.524 MM)				
Casting Numbers: Head #:61601610041001, R616912						
Notes: DIESEL, 240D, 616.912						
MERCEDES BENZ	2.4	147	D	240D	73-79	616
New Height: 3.3270-3.3460" (84.506-84.988 MM)				Min Height: 3.3070" (83.998 MM)		
Intake Pro / Rec: .002-.060" V/REC (.051-1.524 MM)		Exhaust Pro / Rec: .002-.060" V/REC (.051-1.524 MM)				
Casting Numbers: Head #:616016140, R616912						
Notes: 240D, 616.912						
MERCEDES BENZ	2.4	147	D(2)	240D	80-85	616
New Height: 3.3270-3.3460" (84.506-84.988 MM)				Min Height: 3.3070" (83.998 MM)		
Intake Pro / Rec: .002-.060" V/REC (.051-1.524 MM)		Exhaust Pro / Rec: .002-.060" V/REC (.051-1.524 MM)				
Notes: 240D, 90.9MM BORE 616.912 ENGINE						

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
MERCEDES BENZ				4 Cylinders (cont.)		
MERCEDES BENZ	4.0	242		OM364A		OM364A
New Height:	3.6260" (92.100 MM)			Min Height:	3.5827" (91.000 MM)	
Intake Pro / Rec:	.028-.047" V/REC (.711-1.194 MM)			Exhaust Pro / Rec:	.028-.047" V/REC (.711-1.194 MM)	
Notes:	DIESEL					
MERCEDES BENZ	4.3	259		MBE900	97-02	MBE900
New Height:	4.2500-4.2600" (107.900-108.100 MM)			Min Height:	4.2100" (106.900 MM)	
Notes:	TURBO, DIESEL, DIR INJ, USED BY DDC 2004 UP					
MERCEDES BENZ				5 Cylinders		
MERCEDES BENZ	2.5	152	D	190D	87-88	
New Height:	5.6250-5.6300" (142.875-143.002 MM)					
Intake Pro / Rec:	.015-.039" V/REC (.381-.991 MM)			Exhaust Pro / Rec:	.015-.039" V/REC (.381-.991 MM)	
Casting Numbers:	Head #:R6020160301					
Notes:	190D DIESEL					
MERCEDES BENZ	2.5	152		OM602	86-93	
New Height:	5.635-5.641" (143.129-143.281 MM)					
Intake Hgt:	1.6750-1.6900" (42.545-42.926 MM)					
Intake Pro / Rec:	.015-.039" V/REC (.381-.991 MM)			Exhaust Pro / Rec:	.015-.039" V/REC (.381-.991 MM)	
Notes:	DIESEL, TURBO DIESEL					
MERCEDES BENZ	3.0	183		300D	81-85	617.9
New Height:	3.3270-3.3460" (84.506-84.988 MM)					
Intake Pro / Rec:	.002-.060" V/REC (.051-1.524 MM)			Exhaust Pro / Rec:	.002-.060" V/REC (.051-1.524 MM)	
Casting Numbers:	Block #:61791212038074					
Notes:	DIESEL, 300D, 300CD&TURBO,617.951 & 617.952 ENGINE					
MERCEDES BENZ	3.0	183		300D	82-87	OM617
New Height:	3.3270-3.3460" (84.506-84.988 MM)					
Intake Pro / Rec:	.002-.060" V/REC (.051-1.524 MM)			Exhaust Pro / Rec:	.002-.060" V/REC (.051-1.524 MM)	
Casting Numbers:	Block #:61791212038074, 61791212102571					
Notes:	DIESEL, 300D, 300CD, TURBO					
MERCEDES BENZ	3.0	183	D		86-89	
New Height:	3.3270-3.3460" (84.506-84.988 MM)					
Intake Pro / Rec:	.002-.060" V/REC (.051-1.524 MM)			Exhaust Pro / Rec:	.002-.060" V/REC (.051-1.524 MM)	
Casting Numbers:	Head #:6170160301					
Notes:	NON TURBO DIESEL					
MERCEDES BENZ	3.0	183	SD	300SD	76-80	OM617
New Height:	3.3270-3.3460" (84.506-84.988 MM)					
Intake Pro / Rec:	.002-.060" V/REC (.051-1.524 MM)			Exhaust Pro / Rec:	.002-.060" V/REC (.051-1.524 MM)	
Casting Numbers:	Head #:6170160301M					
Notes:	300SD, 617.950 ENGINE, TURBO DIESEL					
MERCEDES BENZ	10.0	608		OM429-LA	83-90	
Intake Pro / Rec:	.028-.049" V/REC (.711-1.245 MM)			Exhaust Pro / Rec:	.028-.053" V/REC (.711-1.346 MM)	
Notes:	LPS1525 DIESEL TRUCK					
MERCEDES BENZ				6 Cylinders		
MERCEDES BENZ	2.2	140	180	220	64-69	M180
New Height:	3.3390" (84.811 MM)					
Intake Pro / Rec:	.020-.059" V/REC (.508-1.499 MM)			Exhaust Pro / Rec:	.590-.630" V/REC (14.986-16.002 MM)	
Casting Numbers:	Head #:1800106020, 1800162901					
Notes:	220, 250, M180 ENGINE					
Comments:	* INTERMEDIATE = 1.8898-1.8904" REAR 1.9291-1.9298					
MERCEDES BENZ	2.3	140	180	230	64-69	M180.945
New Height:	3.3390" (84.811 MM)					
Intake Pro / Rec:	.020-.059" V/REC (.508-1.499 MM)			Exhaust Pro / Rec:	.059-.063" V/REC (1.499-1.6.00 MM)	
Casting Numbers:	Head #:1800162901					
Notes:	230, 230S					
Comments:	* INTERMEDIATE = 1.8898-1.8904" REAR 1.9291-1.9298					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
MERCEDES BENZ				6 Cylinders (cont.)		
MERCEDES BENZ	2.3	141		230SL	63-67	M127
New Height:	3.3386-3.3464" (84.8-84.999 MM)			Min Height:	3.3315" (84.200 MM)	
Intake Pro / Rec:	.016-.075" (.4-1.9 MM)			Exhaust Pro / Rec:	.059-.067" (15-17 MM)	
Casting Numbers:	Head #:1270104220					
Notes:	230SL GAS					
Comments:	*RETORQUE HOT ** MEASURED BETWEEN CAM AND CAM FOLLOWER					
MERCEDES BENZ	2.5	152		250SE	65-68	129
New Height:	3.3386-3.3465" (84.8-85.001 MM)			Min Height:	3.3070" (83.998 MM)	
Intake Pro / Rec:	.020-.059" V/REC (.508-1.499 MM)			Exhaust Pro / Rec:	.590-.630" V/REC (14.986-16.002 MM)	
Casting Numbers:	Head #:1290160301, 1300160901, 1300162001 Block #: 12996210002293					
Notes:	250SE, 129 ENGINE, OHC					
MERCEDES BENZ	2.6	159		190E	86-91	
New Height:	3.5450-3.5500" (90.043-90.17 MM)			Min Height:	3.5240" (89.51 MM)	
Intake Hgt:	1.8000-1.8200" (45.72-46.228 MM)			Exhaust Hgt:	1.8000-1.8200" (45.72-46.228 MM)	
Casting Numbers:	Head #:R1030162001					
Notes:	190E, 260E, 300E					
MERCEDES BENZ	2.7	167		280SE	75-81	M110
New Height:	3.3390-3.3460" (84.811-84.988 MM)			Min Height:	3.3070" (83.998 MM)	
Intake Pro / Rec:	.024-.059" V/REC (.61-1.499 MM)			Exhaust Pro / Rec:	.130-.169" V/REC (3.302-4.293 MM)	
Casting Numbers:	Head #:1300160001					
Notes:	280 SE, DOHC, M110 ENGINE					
MERCEDES BENZ	2.8	170		280SE	67-72	M130
New Height:	3.3390-3.3460" (84.811-84.988 MM)			Min Height:	3.3070" (83.998 MM)	
Intake Pro / Rec:	.020-.059" V/REC (.508-1.499 MM)			Exhaust Pro / Rec:	.590-.630" V/REC (14.986-16.002 MM)	
Casting Numbers:	Head #:1300160801, 1300162601, 1300163201, 1300163301, 1309231200					
Notes:	280 SE, SL, M130 ENGINE					
Comments:	M130 ENGINE					
MERCEDES BENZ	2.8	170	M110		74-81	
New Height:	3.6970-3.7010" (93.904-94.005 MM)			Min Height:	3.6650" (93.091 MM)	
Intake Pro / Rec:	.130-.165" V/REC (3.302-4.191 MM)			Exhaust Pro / Rec:	.024-.059" V/REC (.61-1.499 MM)	
Casting Numbers:	Head #:1100161201, 1100161905 Block #: 1100110601					
Notes:	DOHC					
MERCEDES BENZ	2.8	171		C280	99-05	
New Height:	4.185" (106.299 MM) REPORTED			Exhaust Hgt:	1.670-1.680" (42.418-42.672 MM)	
Intake Hgt:	1.670-1.680" (42.418-42.672 MM)					
Notes:	SFI, C280, ENGINE ID: 112.920					
MERCEDES BENZ	2.8	171	300E	C280	93-97	104.9
New Height:	5.350" (135.89 MM)			Min Height:	5.330" (135.382 MM)	
Intake Hgt:	1.5750-1.5850" (40.005-40.259 MM)			Exhaust Hgt:	1.5750-1.5850" (40.005-40.259 MM)	
Casting Numbers:	Head #:R1040161601					
Notes:	C280, DOHC, ENGINE ID:104.941, 104.942					
MERCEDES BENZ	3.0	183		300E	86-92	103.9
New Height:	3.5450-3.5500" (90.043-90.17 MM)			Min Height:	3.5240" (89.51 MM)	
Intake Hgt:	1.7992-1.8307" (45.7-46.5mm)			Exhaust Hgt:	1.7992-1.8307" (45.7-46.5mm)	
Casting Numbers:	Head #:R1030162001 Block #: 12030854, R103016					
Notes:	300E, 103.983					
MERCEDES BENZ	3.0	183			83-87	OM603
New Height:	5.635-5.641" (143.129-143.281 MM)			Min Height:	5.606" (142.392 MM)	
Intake Hgt:	1.6750-1.6900" (42.545-42.926 MM)			Exhaust Hgt:	1.6700-1.6850" (42.418-42.799 MM)	
Intake Pro / Rec:	.010-.020" V/REC (.254-.508 MM)			Exhaust Pro / Rec:	.015-.025" V/REC (.381-.635 MM)	
Notes:	TURBO DIESEL					
Comments:	ALUMINUM CYLINDER HEAD					
MERCEDES BENZ	3.0	183	SDL	300SDL	86-87	OM603
New Height:	5.635-5.641" (143.129-143.281 MM)			Min Height:	5.606" (142.392 MM)	
Intake Pro / Rec:	.015-.039" V/REC (.381-.991 MM)			Exhaust Pro / Rec:	.015-.039" V/REC (.381-.991 MM)	
Notes:	300SDL TURBO DIESEL, 603.961					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
MERCEDES BENZ				6 Cylinders (cont.)		
MERCEDES BENZ	3.2	195	300E	300E	92-95	104.9
New Height:	5.350-5.354" (135.89-135.992 MM)			Min Height:	5.335" (135.509 MM)	
Intake Hgt:	1.580-1.600" (40.132-40.640 MM)			Exhaust Hgt:	1.580-1.600" (40.132-40.640 MM)	
Casting Numbers:	Head #:1040160701					
Notes:	DOHC 300E, 300SE, E320:ID104.992, S320:ID104.994					
Comments:	* INTAKE REPAIR SIZE 608.5-622-55" * (23.96-24.51MM) ** EXHAUST REPAIR SIZE 557.7-571.7" (21.96-22.51 MM)					
MERCEDES BENZ	3.5	211			87-93	OM603
New Height:	5.6350-5.6410" (143.129-143.281 MM)			Min Height:	5.6280" (142.951 MM)	
Intake Hgt:	1.6750-1.690" (42.545-42.926 MM)			Exhaust Hgt:	1.6700-1.6850" (42.418-42.799 MM)	
Intake Pro / Rec:	.010-.023" V/REC (.254-.584 MM)			Exhaust Pro / Rec:	.015-.025" V/REC (.381-.635 MM)	
Casting Numbers:	Head #:R6030161401, R6030161403, R6030161701, R6030161801					
Notes:	TURBO DIESEL, 603.971, C					
MERCEDES BENZ	5.7	346		OM352A		OM352A
New Height:	3.6181-3.6259" (91.9-92.098 MM)					
Intake Pro / Rec:	.027-.047" V/REC (.686-1.194 MM)			Exhaust Pro / Rec:	.027-.047" V/REC (.686-1.194 MM)	
Casting Numbers:	Block #:2504003, 3440117501					
Notes:	MODEL OM352A DIESEL					
MERCEDES BENZ	5.7	346	352	OM352		OM352
New Height:	3.6181-3.6259" (91.9-92.098 MM)					
Intake Pro / Rec:	.027-.047" V/REC (.686-1.194 MM)			Exhaust Pro / Rec:	.027-.047" V/REC (.686-1.194 MM)	
Casting Numbers:	Head #:25-04-004, 3520(6)2801 Block #: 2504003, 3440117501					
Notes:	DIESEL, MODEL OM352					
MERCEDES BENZ	6.0	366		OM366	87-94	OM366
New Height:	3.618-3.625" (91.897-92.075 MM)			Min Height:	3.579" (90.907 MM)	
Intake Pro / Rec:	.027-.047" V/REC (.686-1.194 MM)			Exhaust Pro / Rec:	.027-.047" V/REC (.686-1.194 MM)	
Casting Numbers:	Head #:3660161101					
Notes:	OM-366 DIESEL					
MERCEDES BENZ	6.4	389		MBE900	97-02	MBE900
New Height:	4.250-4.260" (107.900-108.100 MM)			Min Height:	4.210" (106.900 MM)	
Intake Pro / Rec:	.040-.060" V/Rec			Exhaust Pro / Rec:	.040-.060" V/Rec	
Notes:	TURBO, DIESEL, DIR INJ, USED IN DDC 2004 UP					
MERCEDES BENZ	11.0	669		OM 421		
New Height:	4.488-4.484" (113.995-113.894 MM)			Min Height:	4.465" (113.411 MM)	
Intake Pro / Rec:	.028-.043" V/REC (.711-1.092 MM)			Exhaust Pro / Rec:	.028-.043" V/REC (.711-1.092 MM)	
Notes:	DIESEL INDUSTRIAL & V8 442					
MERCEDES BENZ				8 Cylinders		
MERCEDES BENZ	0.0	0		400 SERIES		
New Height:	(113.900-114.000 mm)			Min Height:	(113.400 mm)	
Casting Numbers:	Head #:R1160164001					
MERCEDES BENZ	3.8	233		380SEL	79-80	116
New Height:	2.3540" (59.792 MM) *			Min Height:	2.3440" (59.538 MM) *	
Intake Hgt:	2.1200-2.1500" (53.848-54.61 MM)			Exhaust Hgt:	2.1200-2.1500" (53.848-54.61 MM)	
Notes:	116.961.12003603 GAS, 380SEL					
Comments:	* MEASURED AT THE SHORT HEAD BOLT BOSS-DECK					
MERCEDES BENZ	3.8	234		380SE	82-85	M116.960
New Height:	2.3540" (59.792 MM) *			Min Height:	2.3440" (59.538 MM) *	
Intake Hgt:	2.1200-2.1500" (53.848-54.61 MM)			Exhaust Hgt:	2.1200-2.1500" (53.848-54.61 MM)	
Casting Numbers:	Head #:R1160163001, R1160163301, R1160163401, R1160163901 Block #: 1160111101					
Notes:	GAS, 380SE & SL					
Comments:	* MEASURED AT THE MIDDLE LENGTH HEAD BOLT BOSS TO DECK. REPORTED MEMBER # 23565 09-08-2005 MC					
MERCEDES BENZ	4.2	256		420SEL	86-93	116.965
New Height:	2.3544-2.3622" (59.802-60. MM) *			Min Height:	2.3445" (59.55 MM) *	
Intake Hgt:	2.100-2.110" (53.34-53.594 MM)			Exhaust Hgt:	2.100-2.110" (53.34-53.594 MM)	
Casting Numbers:	Head #:R11601639011, R11601640013, R11601640017					
Notes:	EFI, 420SEL, 116.965 ENGINE					
Comments:	* MEASURED AT THE EXHAUST SIDE HEAD BOLT AREA					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
MERCEDES BENZ				8 Cylinders (cont.)		
MERCEDES BENZ	4.5	276		450SEL	76-80	M117
New Height:	2.4000" (60.96 MM) *			Min Height:	2.3542" (59.795 MM)	
Intake Hgt:	2.120-2.150" (53.850-54.610 MM)			Exhaust Hgt:	2.120-2.150" (53.850-54.610 MM)	
Casting Numbers:	Head #:R1160162601, R1160162701, R1170164301, R1170164501					
Notes:	450 SEL, OHC GAS M117.985					
Comments:	* CYL. HEAD HEIGHT MEASURED AT FRONT INTAKE SIDE HEAD BOLT BOSS					
MERCEDES BENZ	5.0	303		500SEL	84-91	M117.963
Intake Hgt:	2.120-2.150" (53.848-54.61 MM)			Exhaust Hgt:	2.120-2.150" (53.848-54.61 MM)	
Casting Numbers:	Head #:1170164001, 1170164109 Block #: 1170111401					
Notes:	M117.963, GAS, 500SEL&SEC					
MERCEDES BENZ	5.0	305	E500	500SEL	92-99	119.974
New Height:	** 5.141-5.145" (130.6-130.7 MM) *** SEE COMM			Min Height:	** 5.133" (130.4 MM) *** 5.736" (145.7 MM)	
Intake Hgt:	.9083" (23.070 MM)					
Notes:	E500 SL500 & SEL500					
Comments:	* BOLT & WASHER ASSEMBLIES (3 PER HEAD) 18 FT/LBS ** MEASURED FROM THE CENTER LINE OF SHORT SIDE CAMSHAFT TO HEAD GASKET SURFACE. *** MEASURED FROM THE CENTER LINE OF TALL SIDE CAMSHAFT TO HEAD GASKET SURFACE 5.744"-5.748 (145.91-146.00 MM).					
MERCEDES BENZ	5.6	338	117	560	86-89	
New Height:	2.3544-2.3622** (59.802-60. MM)			Min Height:	2.3445** (59.55 MM)	
Intake Hgt:	2.080-2.095" (52.832-53.213 MM)					
Exhaust Hgt:	2.080-2.095" (52.832-53.213 MM)					
Notes:	560 CAR SMALL ROD JOURNAL					
Comments:	*MEASURED AT THE EXHAUST SIDE HEAD BOLT AREA.					
MERCEDES BENZ	5.6	338	M117	560	88-91	
New Height:	2.3544-2.3622" (59.802-60. MM) *			Min Height:	2.3445" (59.55 MM) *	
Intake Hgt:	2.080-2.095" (52.832-53.213 MM)					
Exhaust Hgt:	2.080-2.095" (52.832-53.213 MM)					
Casting Numbers:	Head #:R1170164501					
Notes:	560 CAR LARGE ROD THROW					
Comments:	*MEASURED AT THE EXHAUST SIDE HEAD BOLT AREA.					
MERCEDES BENZ	6.8	417		450SEL	77-79	M100
Min Height:	4.291" (108.991 MM)					
Notes:	M100, EFI, SOHC, 450 SEL					
MERCruiser				4 Cylinders		
MERCruiser	2.5	153	IND		62-80	110 HP
New Height:	3.3000" (83.82 MM)					
Intake Hgt:	1.9700-2.0000" (50.038-50.8 MM)			Exhaust Hgt:	1.9700-2.0000" (50.038-50.8 MM)	
Casting Numbers:	Head #:2767031, 2776952, 3788519, 382433, 3824433, 383433, 3864888, 3905998, 3915198 Block #: 2769040, 2849449, 3738514, 3788514, 3792857, 3833056, 3915983, 3937746					
Notes:	110 HP & 120 HP, GM					
MERCruiser	3.0	181			94-04	140 HP
New Height:	2.812" (71.424 MM)					
Intake Hgt:	2.000-2.0100" (50.800-51.054 MM)			Exhaust Hgt:	2.000-2.0100" (50.800-51.054 MM)	
Notes:	2 BBL CARB					
MERCruiser	3.0	181	IND		74-93	130 HP
Intake Hgt:	1.9380-1.9680" (49.225-49.987 MM)			Exhaust Hgt:	1.9380-1.9680" (49.225-49.987 MM)	
Casting Numbers:	Head #:2176954, 277087, 2774531, 2776852, 2776954, 2777770, 2778964, 3937748, 3937758 Block #: 14096613, 14097080, 27678, 27700104, 2770087					
Notes:	MERCruiser, MARINE & INDUSTRIAL, GM					
MERCruiser	3.7	224	MIE	MIE 470	165 HP	
Intake Hgt:	2.1100-2.1400" (53.594-54.356 MM) **			Exhaust Hgt:	2.1100-2.1400" (53.594-54.356 MM) **	
Casting Numbers:	Head #:4MA, D3VE-A2A					
Notes:	MARINE,470,MERCruiser 165,170,180,190,488					
Comments:	* 5 DIFFERENT LENGTH PUSH RODS AVAILABLE SEE PARTS, CAST IRON CYL HEAD FROM 460 CID FORD V-8.					
MERCruiser				6 Cylinders		
MERCruiser	4.1	250	MIE		66-75	160 HP
Intake Hgt:	1.9700-2.0000" (50.038-50.8 MM)			Exhaust Hgt:	1.9700-2.0000" (50.038-50.8 MM)	
Casting Numbers:	Head #:3895052, 3927763, 3962084 Block #: 328572, 328575, 328576, 348675, 358825, 366855, 37127, 377127, 3777178, 3850817, 3854036, 386855, 3877178, 3890011, 3890013, 3921968, 3955977, 828575, 9790043, 9795066, 9890043					
Notes:	MIE = INBOARD INLINE SIX CYL, 160 HP, 165 HP, GM					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
MERCURISER				8 Cylinders		
MERCURISER	5.0	305	ZA,MH		99-02	220 & 230 HP
Intake Hgt:		1.9700-2.0000" (50.038-50.800 MM)		Exhaust Hgt:		1.9700-2.0000" (50.038-50.800 MM)
Notes: MPI, MCM,ALPHA BRAVO,220HP ZA, & EFI 230HP MH						
Comments: ROCKER ARM RATIO 1.50:1						
MERCURISER	5.7	350	MH,MK		99-02	250,260,300 HP
Intake Hgt:		1.970-2.000" (50.038-50.800 MM)		Exhaust Hgt:		1.970-2.000" (50.038-50.800 MM)
Casting Numbers: Head #:10239906						
Notes: MCM, ALPHA BRAVO,250HP,&EFI 260HP,& MAG MPI 300HP						
Comments: ROCKER ARM RATIO 1.5:1						
MERCURISER	6.2	377	MHA		00-03	340 HP
Intake Hgt:		1.970-2.000" (50.038-50.800 MM)		Exhaust Hgt:		1.970-2.000" (50.038-50.800 MM)
Casting Numbers: Head #:10239906						
Notes: MX, MXMPI, BLACK SCORPION #OL68003 AND ABOVE						
MERCURISER	7.4	454	UA		-93	450 HP
Intake Hgt:		2.3250-2.3550" (59.055-59.817 MM)		Exhaust Hgt:		2.3250-2.3550" (59.055-59.817 MM)
Notes: GEN V, MCM 425 & 450 HP, HI-PERFORMANCE						
Comments: CAST IRON HEAD, RECTANGULAR PORT. ROCKER ARM RATIO 1.7:1. *NOTE: TEST VALVE SPRING AS A COMPLETE ASSEMBLY WITH RETAINER.						
MERCURISER	8.2	502	HJ	500 BULLDOG		470 HP
Intake Hgt:		2.040-2.070" (51.816-52.578 MM)		Exhaust Hgt:		2.040-2.070" (51.816-52.578 MM)
Casting Numbers: Head #:12562934, 14097088						
Block #: 14096859						
Notes: MCM = STERNDRIVE, 470 HP, EFI, GM, GEN V						
Comments: * COAT THREADS WITH QUICKSILVER PERFECT SEAL						
MG				4 Cylinders		
MG	0.9	58	C	MK I, MK II, MIDGE	52-62	9CG
New Height:		2.750" (69.850 MM)		Min Height:		2.734" (69.444 MM)
Notes: 948CC, TYPE 9CG, MK I, MK II, MG MIDGET MK I						
MG	1.1	67		SPRITE II, MK I, M	62-62	10CG & 10CC
New Height:		2.750" (69.850 MM)		Min Height:		2.734" (69.444 MM)
Notes: 1098CC, MG MK I, SPRITE II, MG MK II, SPRITE III						
MG	1.3	76	TD	MIDGET	66-70	XPAG/TD
				Exhaust Hgt:		1.580" REPORTED
Notes: XPAG/TD UP-ENG #9407, XPAG/TD/2 FROM ENG #9408						
Comments: * ENGINES UP TO #XPAG/TD2/24115 LISTED ABOVE, ENGINES FROM #XPAG/TD2/24116 AND AFTER: VALVE LASH .012 HOT INTAKE & EXHAUST.						
MG	1.5	91	C		54-59	
Intake Hgt:		NOT SUPPLIED BY OEM		Exhaust Hgt:		NOT SUPPLIED BY OEM
Casting Numbers: Head #:1H967, 1H967AF1						
Notes: MGA 1500						
MG	1.8	110	C		65-72	
New Height:		3.1400" (79.756 MM)				
Casting Numbers: Head #:12H1326, 12H2389, 12H906						
Notes: EARLY- 3 MAIN USE CORRECT OIL PUMP AND PAN GASKETS						
MG	1.8	110	C		65-72	
New Height:		3.1400" (79.756 MM)				
Casting Numbers: Head #:12H2923, 12H4743						
Notes: LATE - 5 MAIN USE CORRECT OIL PUMP AND PAN GASKETS						
MG	1.8	110	H		77-80	
Intake Hgt:		1.880" REPORTED		Exhaust Hgt:		1.880" REPORTED
Casting Numbers: Head #:12H2389, 566394						
Notes: 1BC						
MG	1.8	110	H(2)		73-76	
New Height:		3.140" (79.756 MM)				
Casting Numbers: Head #:12H4743						
Notes: 1BC						
MG	1.8	112			65-75	
New Height:		3.1400" (79.756 MM)				
Casting Numbers: Head #:12H4743						
Notes: 1800						

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
MINI				4 Cylinders		
MINI	0.0	0				W10
New Height: 3.820" (97.028") Casting Numbers: Head #:163 Notes: MINI COOPER Comments: MINI COOPER						
MINN MOLINE				4 Cylinders		
MINN MOLINE	4.6	284		UB	38-57	D283-4A
Intake Pro / Rec: .015-.025" V/REC (.381-.635 MM) Exhaust Pro / Rec: .015-.025" V/REC (.381-.635 MM) Notes: DIESEL, D283-4A, UB SERIES						
MINN MOLINE	5.5	336			57-67	336A-4A
Intake Pro / Rec: .033" MIN V/REC (.838 MM) Exhaust Pro / Rec: .033" MIN V/REC (.838 MM) Casting Numbers: Head #:10A 4206, 10A 4212, 10A 421D, 10A 4232, 10A4242 Notes: 336A-4A GAS Comments: 5 STAR DIESEL						
MINN MOLINE	5.5	336	D			D336
Intake Pro / Rec: .033" MIN V/REC (.838 MM) Exhaust Pro / Rec: .033" MIN V/REC (.838 MM) Casting Numbers: Head #:10A4222, 10A-4242 Notes: D336, 5 STAR DIESEL						
MINN MOLINE				6 Cylinders		
MINN MOLINE	7.0	425	D	GB	54-61	D425
Intake Pro / Rec: .015-.025" V/REC (.381-.635 MM) Exhaust Pro / Rec: .015-.025" V/REC (.381-.635 MM) Casting Numbers: Head #:10A 4214, 10A23134, 10A29559, 10A31129, 10A4214, 10A42222 Block #: 10A3006 Notes: D425, GBD DIESEL						
MINN MOLINE	7.4	451		D451		D451
Intake Pro / Rec: .015" MIN V/REC (.381 MM) Exhaust Pro / Rec: .015" MIN V/REC (.381 MM) Casting Numbers: Head #:10A23134, 10A29559, 10A31129, 10A4214, 10A42222 Block #: 10A3006 Notes: D451 DIESEL						
MINN MOLINE	8.3	504		540B-6	61-67	504B-6
Intake Pro / Rec: .015" MIN V/REC (.381 MM) Exhaust Pro / Rec: .015" MIN V/REC (.381 MM) Casting Numbers: Head #:10A23134, 10A-23134, 10A29559, 10A31129, 10A-31139, 10A4206, 10A4209, 10A4210, 10A4214, 10A-4214, 10A42222, 10A4232 Notes: 504B-6						
MINN MOLINE	9.6	585	D	D585-6		D585-6
Intake Pro / Rec: .015-.030" V/REC (.381-.762 MM) Exhaust Pro / Rec: .033-.045" V/REC (.838-1.143 MM) Casting Numbers: Head #:10A30490, 10A3049D Notes: D585-6 DIESEL						
MITSUBISHI				3 Cylinders		
MITSUBISHI	0.7	42		L3A		L3A
Intake Pro / Rec: .020" V/REC (.500 MM) * Exhaust Pro / Rec: .020" V/REC (.500 MM) * Notes: DIESEL, OHV, L3A-61TG Comments: * MAX V/REC INTAKE & EXHAUST: .060" (1.500 MM)						
MITSUBISHI	0.9	52		K3B		K3B
Intake Pro / Rec: .095" MAX V/REC (2.413 MM) Exhaust Pro / Rec: .095" MAX V/REC (2.413 MM) Casting Numbers: Head #:7X Notes: CASE MODEL 235, 235H, DIESEL						
MITSUBISHI	0.9	58		L3E		L3E
New Height: 2.363" * (60.020 MM) CHECK COMPRESSION R Min Height: MITSUBISHI DEALER SUPPLYS A .004" S Intake Pro / Rec: .020" V/REC (.500 MM) Exhaust Pro / Rec: .020" V.REC (.500 MM) Notes: DIESEL, OHV, L3E-61TG Comments: * REPORTED MEMBER #6830 06-07-02 MC						
MITSUBISHI	1.0	60		K3D		MT210
Intake Pro / Rec: .095" MAX V/REC (2.413 MM) Exhaust Pro / Rec: .095" MAX V/REC (2.413 MM) Casting Numbers: Head #:7206N Block #: 7218N Notes: MT210, MT210D, CASE MODEL 244 245, DIESEL						

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
MITSUBISHI				3 Cylinders (cont.)		
MITSUBISHI	1.1	65		K3E		K3E
Intake Pro / Rec: .095" MAX V/REC (2.413 MM)				Exhaust Pro / Rec: .095" MAX V/REC (2.413 MM)		
Notes: CASE 255, INT 254 DIESEL						
MITSUBISHI	1.3	79		K3H		MT250
Intake Pro / Rec: .095" MAX V/REC (2.413 MM)				Exhaust Pro / Rec: .095" MAX V/REC (2.413 MM)		
Notes: MT250, MT250D, CASE MODEL 265, DIESEL						
MITSUBISHI	1.5	91		K3M		MT300
Intake Pro / Rec: .095" MAX V/REC (2.413 MM)				Exhaust Pro / Rec: .095" MAX V/REC (2.413 MM)		
Notes: MT300, MT300D, CASE MODEL 275, DIESEL						
MITSUBISHI				4 Cylinders		
MITSUBISHI	1.1	69		K4B		K4B
Intake Pro / Rec: .039" V/REC (1.000 MM)				Exhaust Pro / Rec: .039" V/REC (1.000 MM)		
Notes: DIESEL, 13A TRACTOR, WATER-COOL, 4 CYCLE, VERTICAL						
MITSUBISHI	1.2	73		K4C		K4C
Intake Pro / Rec: .039" V/REC (1.000 MM)				Exhaust Pro / Rec: .039" V/REC (1.000 MM)		
Notes: DIESEL, WATER-COOLED, 4-CYCLE, VERTICAL						
MITSUBISHI	1.3	80		K4D		K4D
Intake Pro / Rec: .039" V/REC (1.000 MM)				Exhaust Pro / Rec: .039" V/REC (1.000 MM)		
Notes: DIESEL, WATER-COOLED, 4-CYCLE, VERTICAL						
MITSUBISHI	1.4	86		K4E		K4E
Intake Pro / Rec: .039" MAX V/REC (1.000 MM)				Exhaust Pro / Rec: .039" MAX V/REC (1.000 MM)		
Notes: DIESEL, 13A TRACTOR, 31DS, 31HM, & 31HS BACK HOE						
MITSUBISHI	1.4	86			77-84	
New Height: 4.216" (107.086 MM)				Min Height: 4.200" (106.68 MM)		
Casting Numbers: Block #:G12B						
Notes: SOHC						
MITSUBISHI	1.5	90	J	PRECIS	87-89	
New Height: 4.2086-4.2165" (106.898-107.099 MM)				Min Height: 4.2006" (106.695 MM)		
Intake Hgt: 1.6100-1.6500" (40.894-41.91 MM)				Exhaust Hgt: 1.6100-1.6500" (40.894-41.91 MM)		
Casting Numbers: Head #:15, 2D, 549922, 9, M14						
Notes: CARBURATED, PRECIS						
Comments: AUX VALVE SPG TEST PRESSURE: 6# @ .846						
MITSUBISHI	1.5	90	K	MIRAGE	85-88	G15B
New Height: 4.2086-4.2165" (106.898-107.099 MM)				Min Height: 4.2006" (106.695 MM)		
Intake Hgt: 1.6100-1.6500" (40.894-41.91 MM)				Exhaust Hgt: 1.6100-1.6500" (40.894-41.91 MM)		
Casting Numbers: Head #:14, 15, 17, 2D, 549922, 7, 9, M16						
Block #: 4G15, G15B						
Notes: CARB, MIRAGE, PRECIS						
Comments: *1985 STEM DIAM: INT .3110-.3150, EX .3090-.3150 AUX VALVE SPRING 6# @ .846						
MITSUBISHI	1.5	90	X	MIRAGE	89-90	
New Height: 4.2086-4.2165" (106.898-107.099 MM)				Min Height: 4.2006" (106.695 MM)		
Intake Hgt: 1.6100-1.6500" (40.894-41.91 MM)				Exhaust Hgt: 1.6100-1.6500" (40.894-41.91 MM)		
Casting Numbers: Head #:15, 2D, 549922, 9						
Block #: 4G15, G15B						
Notes: MFI, MIRAGE						
Comments: AUX VLV SPRNG 6# @ .846						
MITSUBISHI	1.5	91		KE150		KE150
Intake Pro / Rec: .039" V/REC (1.000 MM)				Exhaust Pro / Rec: .039" V/REC (1.000 MM)		
Notes: DIESEL, & KE150-T, TYPE 31A, F, FA, SS, TS, & SS, 61A & WM						
MITSUBISHI	1.5	91	J		90-94	
New Height: 4.2086-4.2165" (106.898-107.099 MM)				Min Height: 4.2006" (106.695 MM)		
Intake Hgt: 1.6100-1.6500" (40.894-41.91 MM) *				Exhaust Hgt: 1.6100-1.6500" (40.894-41.91 MM) *		
Casting Numbers: Head #:15, 2D, 549922, 9, G13V						
Notes: MPFI						
Comments: * ALSO REPORTS OF 1.700-1.710 GUIDE BORE DIAM .4724-.4731						
				AUX VALVE SPG TEST PRESSURE: 6# @ .0846		VALVE

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
MITSUBISHI				4 Cylinders (cont.)		
MITSUBISHI	1.5	92	A	MIRAGE	90-99	4G15
New Height:	4.2086-4.2165" (106.898-107.099 MM)			Min Height:	4.2006" (106.695 MM)	
Intake Hgt:	1.700-1.740" (43.180-44.196 MM)			Exhaust Hgt:	1.700-1.740" (43.180-44.196 MM)	
Castings Numbers:	Head #:15, 2D, 549922, 9, G13B, G13V, M19, M7 Block #: 4G15, G15B					
Notes:	MPFI, MIRAGE, PRECIS, 12 VALVE HEAD					
Comments:	2 INTAKE VLVS: P=PRIMARY, S=SECONDARY VLV GUIDE BORE DIA: .4724-.4731					
MITSUBISHI	1.6	98	A		83-84	
New Height:	3.480-3.488" (88.392-88.595 MM)			Min Height:	3.472" (88.189 MM)	
Intake Hgt:	1.610-1.650" (40.894-41.91 MM)			Exhaust Hgt:	1.610-1.650" (40.894-41.91 MM)	
Notes:	2BC, SOHC					
MITSUBISHI	1.6	98	A		83-86	
New Height:	3.480-3.488" (88.392-88.595 MM)			Min Height:	3.472" (88.189 MM)	
Intake Hgt:	1.610-1.650" (40.894-41.91 MM)			Exhaust Hgt:	1.610-1.650" (40.894-41.91 MM)	
Notes:	2BC					
MITSUBISHI	1.6	98	F	MIRAGE	85-86	G32B
New Height:	3.480-3.488" (88.392-88.595 MM)			Min Height:	3.472" (88.189 MM)	
Intake Hgt:	1.610-1.650" (40.894-41.91 MM)			Exhaust Hgt:	1.610-1.650" (40.894-41.91 MM)	
Castings Numbers:	Block #:4G32, G32B					
Notes:	EFI, TURBO, MIRAGE					
MITSUBISHI	1.6	98	F	MIRAGE	87-88	G32B
New Height:	3.480-3.488" (88.400-88.600 MM)			Min Height:	4.2006" (106.695 MM)	
Intake Hgt:	1.610-1.650" (40.894-41.91 MM)			Exhaust Hgt:	1.610-1.650" (40.894-41.91 MM)	
Castings Numbers:	Block #:4G32, G32B					
Notes:	EFI, TURBO, MIRAGE					
MITSUBISHI	1.6	98	IND		80-95	4G32
New Height:	3.4843" (88.501 MM)			Exhaust Hgt:	1.610-1.650" (40.894-41.91 MM)	
Intake Hgt:	1.610-1.650" (40.894-41.91 MM)					
Castings Numbers:	Head #:26					
Notes:	SOHC, INDUSTRIAL, FORKLIFT ENGINE					
Comments:	*1.510 - 1.550" INT AND EX BOB CAT 87-89'					
MITSUBISHI	1.6	98	Y	MIRAGE	90-92	4G61
New Height:	5.200" (132.08 MM)			Min Height:	5.1929" (131.9 MM)	
Intake Hgt:	1.610-1.650" (40.894-41.91 MM)			Exhaust Hgt:	1.610-1.650" (40.894-41.91 MM)	
Castings Numbers:	Block #:4G61					
Notes:	MFI, MIRAGE					
MITSUBISHI	1.6	98	Z	MIRAGE	89-90	4G61
New Height:	5.2000" (132.08 MM)			Min Height:	5.1929" (131.9 MM)	
Intake Hgt:	1.9000-1.9400" (48.26-49.276 MM)			Exhaust Hgt:	1.9000-1.9400" (48.26-49.276 MM)	
Castings Numbers:	Block #:4G61					
Notes:	DOHC, MFI, TURBO, MIRAGE					
MITSUBISHI	1.8	107	B	ECLIPSE	93-94	4G37
New Height:	3.4840" (88.494 MM)			Min Height:	3.4760" (88.29 MM)	
Intake Hgt:	1.645-1.660" (41.783-42.164 MM)			Exhaust Hgt:	1.645-1.660" (41.783-42.164 MM)	
Castings Numbers:	Head #:M39 Block #: 4G37					
Notes:	SOHC, ECLIPSE					
MITSUBISHI	1.8	107	T	ECLIPSE	90-92	4G37
New Height:	3.484" (88.494 MM)			Min Height:	3.476" (88.29 MM)	
Intake Hgt:	1.545-1.560" (39.243-39.624 MM)			Exhaust Hgt:	1.545-1.560" (39.243-39.624 MM)	
Castings Numbers:	Head #:M37, M38					
Notes:	SOHC, ECLIPSE					
MITSUBISHI	1.8	107	T		89-92	4G37
New Height:	3.484" (88.494 MM)			Min Height:	3.476" (88.29 MM)	
Notes:	89-90 DODGE, 89-92 PLYM					
MITSUBISHI	1.8	109	4	CORDIA	82-83	G62B
Intake Hgt:	1.645-1.660" (41.783-42.164 MM)			Exhaust Hgt:	1.645-1.660" (41.783-42.164 MM)	
Notes:	2BC, CORDIA, TREDIA					
MITSUBISHI	1.8	109	G	CORDIA	84-88	G62B
Intake Hgt:	1.645-1.660" (41.783-42.164 MM)			Exhaust Hgt:	1.645-1.660" (41.783-42.164 MM)	
Castings Numbers:	Block #:G62B					
Notes:	EFI, TURBO, CORDIA, TREDIA					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
MITSUBISHI				4 Cylinders (cont.)		
MITSUBISHI	1.8	110	D		92-94	G37B
New Height: 4.720" (119.888 MM)				Min Height: 4.712" (119.685 MM)		
Notes: MFI						
MITSUBISHI	1.8	111	C	MIRAGE	92-00	4G93
New Height: 4.720-4.728" (119.888-120.912 MM)				Min Height: REMOVE NO MORE THAN .008" OFF HE		
Intake Hgt: 1.9409" (49.298 MM) MAX 1.9609"				Exhaust Hgt: 1.9426" (49.342 MM) MAX 1.9526"		
Casting Numbers: Head #:G94, G94 Block #: 4G93						
Notes: SOHC, MFI, MIRAGE, 16 VALVE, EXPO LRV						
MITSUBISHI	2.0	122		4G52		4G52
New Height: 3.543-3.548" (89.992-90.119 MM)				Min Height: 3.535" (89.789 MM)		
Intake Hgt: 1.6450-1.6580 ** (41.783-42.113 MM)				Exhaust Hgt: 1.6450-1.6580 ** (41.783-42.113 MM)		
Casting Numbers: Head #:G63B Block #: 4G52, 52A, G52A, G52B, G62, G63, G63B						
Notes: SOHC, GAS FORKLIFT						
Comments: * MEASURED WITH SPRING CUP IN PLACE.						
MITSUBISHI	2.0	122		4G63		4G63
New Height: 3.5430-3.5480" (89.992-90.119 MM)				Min Height: 3.5230" (89.484 MM)		
Intake Hgt: 1.645-1.660" (41.783-42.164 MM)				Exhaust Hgt: 1.645-1.660" (41.783-42.164 MM)		
Notes: SOHC, GAS, INDUSTRIAL FORKLIFT						
MITSUBISHI	2.0	122		LANCER	02-05	4G94
New Height: 4.7205-4.7283" (119.900-120.100 MM)				Exhaust Hgt: 1.9429-1.9626" (49.350-49.850 MM)		
Intake Hgt: 1.9409-1.9606" (49.300-49.800 MM)						
Notes: SOHC, MFI, 120HP NON-TURBO, LANCER ES, LS & O-Z RALLY						
Comments: * REPLACE IF BOLT IS LONGER THAN 3.7952".						
MITSUBISHI	2.0	122		LANCER EVO	-04	4G63
New Height: 5.193-5.201" (131.900-132.100 MM)				Exhaust Hgt: 1.9055-1.9252" (48.400-48.900 MM)		
Intake Hgt: 1.9370-1.9567" (49.200-49.700 MM)						
Notes: DOHC, TURBO, AWD EVOLUTION, SPECIAL PERFORMANCE						
MITSUBISHI	2.0	122			74-82	4G52
New Height: 3.5430-3.5480" (89.992-90.119 MM)				Min Height: 3.5350" (89.789 MM)		
Intake Hgt: 1.6450-1.658" (41.783-42.113 MM) *				Exhaust Hgt: 1.6450-1.6580" (41.783-42.113 MM) *		
Casting Numbers: Head #:15M, 4G52, G63B Block #: 4G52, 52A, G52A, G52B, G62, G63, G63B						
Notes: SOHC, INDUSTRIAL, 8 VALVE						
Comments: * MEASURED WITH THE SPRING CUP IN PLACE						
MITSUBISHI	2.0	122	5	CORDIA	83	G63B
New Height: 3.539-3.547" (89.900-90.100 MM)						
Notes: 2BC, TREDIA, P/UP, CORDIA						
MITSUBISHI	2.0	122	D	CORDIA	84-86	G63B
New Height: 3.539-3.547" (89.900-90.100 MM)				Min Height: 3.5230" (89.484 MM)		
Intake Hgt: 1.6450-1.6600" (41.783-42.164 MM)				Exhaust Hgt: 1.6450-1.6600" (41.783-42.164 MM)		
Casting Numbers: Block #:4G63, G63B						
Notes: 2BC, CORDIA, TREDIA, P/UP						
MITSUBISHI	2.0	122	D	CORDIA	87	G63B
New Height: 3.539-3.547" (89.900-90.100 MM)				Min Height: 3.5230" (89.484 MM)		
Intake Hgt: 1.6450-1.6600" (41.783-42.164 MM) *				Exhaust Hgt: 1.6450-1.6600" (41.783-42.164 MM) *		
Casting Numbers: Block #:4G63, G63B						
Notes: 2BC, CORDIA, TREDIA, P/UP						
Comments: *AUX VLV: SPG TEST PRESSURE 7.7# @ .0846, AUX.SPG INSTALLED HGT .8465						
MITSUBISHI	2.0	122	D	CORDIA	88-89	G63B
New Height: 3.539-3.547" (89.900-90.100 MM)				Min Height: 3.5230" (89.484 MM)		
Intake Hgt: 1.6450-1.6600" (41.783-42.164 MM)				Exhaust Hgt: 1.6450-1.6600" (41.783-42.164 MM)		
Casting Numbers: Block #:4G63, G63B						
Notes: 2BC, CORDIA, TREDIA, P/UP, GALANT						
Comments: *AUX VLV SPRING TEST PRESSURE: 7.7# @ .8460"						

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
MITSUBISHI				4 Cylinders (cont.)		
MITSUBISHI	2.0	122	E	ECLIPSE	93-94	4G63
New Height:	5.1968-5.2010" (131.999-132.105 MM)			Min Height:	5.1880" (131.775 MM)	
Intake Hgt:	1.9200-1.9500" (48.768-49.53 MM)			Exhaust Hgt:	1.9200-1.9500" (48.768-49.53 MM)	
Casting Numbers:	Head #:4G63, 9M Block #: 4G63					
Notes:	DOHC, MFI, ECLIPSE					
Comments:	** PRESS GUIDE OUT TOWARDS CHAMBER					
MITSUBISHI	2.0	122	F	ECLIPSE	95-99	4G63
New Height:	5.1968" (131.999 MM)			Min Height:	5.1850" (131.699 MM)	
Intake Hgt:	1.9200-1.9600" (48.768-49.784 MM)			Exhaust Hgt:	1.9200-1.9500" (48.768-49.53 MM)	
Casting Numbers:	Head #:4G63, 9M Block #: 4G63					
Notes:	DOHC, MFI, TURBO, ECLIPSE					
Comments:	** PRESS GUIDE OUT TOWARDS CHAMBER					
MITSUBISHI	2.0	122	R	ECLIPSE	90-92	4G63
New Height:	5.1930-5.2010" (131.902-132.105 MM)			Min Height:	5.1850" (131.699 MM)	
Intake Hgt:	1.910-1.950" (48.514-49.530 MM)			Exhaust Hgt:	1.910-1.950" (48.514-49.530 MM)	
Casting Numbers:	Head #:4G63, 5M, 9M, M7 Block #: 4G63					
Notes:	DOHC, NON-TURBO, GALANT, ECLIPSE					
Comments:	** PRESS GUIDE OUT TOWARDS CHAMBER					
MITSUBISHI	2.0	122	U		90-92	4G63
New Height:	5.1968" (131.999 MM)			Min Height:	5.1850" (131.699 MM)	
Intake Hgt:	1.9200-1.9500" (48.768-49.53 MM)			Exhaust Hgt:	1.9200-1.9500" (48.768-49.53 MM)	
Casting Numbers:	Head #:4G63, 9M Block #: 4G63					
Notes:	DOHC, TURBO					
Comments:	** PRESS GUIDE OUT TOWARDS CHAMBER					
MITSUBISHI	2.0	122	V	GALANT	89-92	4G63
New Height:	3.5430-3.5480" (89.992-90.119 MM)			Min Height:	3.5230" (89.484 MM)	
Intake Hgt:	1.645-1.660" (41.783-42.164 MM)			Exhaust Hgt:	1.645-1.660" (41.783-42.164 MM)	
Casting Numbers:	Head #:13M, 15M, M34					
Notes:	SOHC, MFI, GALANT, 8 VALVE					
MITSUBISHI	2.0	122	Y	ECLIPSE	95-99	420A
New Height:	5.4115-5.4193" (137.452-137.65 MM)			Min Height:	5.4035" (137.249 MM)	
Intake Hgt:	1.8813-1.8903" (47.785-48.014 MM)			Exhaust Hgt:	1.8950-1.900" (48.133-48.026 MM)	
Casting Numbers:	Head #:4667867 Block #: 4667642, 4667768					
Notes:	CHRY 420A DOHC ENG, NON/TURBO, 16 VALVE, ECLIPSE					
Comments:	HEAD TORQUE INCLUDES ABOVE THEN REPEAT STEP #2, STEP #4 IS TURN ALL BOLTS AN ADDITIONAL 90° *96=BOLTS 1-6=25#;BOLTS 7-10=20#;1-6 50#;7-10=20#;1-6=50#;7-10=20# + 90°. ** TOTAL DRY LIFTER PLUNGER TRAVEL .1670" (4.241 MM)					
MITSUBISHI	2.1	127	D		74-89	
Intake Pro / Rec:	.039-.051" (1.295 MM)			Exhaust Pro / Rec:	.039-.051" (1.295 MM)	
Notes:	DIESEL					
MITSUBISHI	2.3	140		4DQ7	-95	4DQ7
Intake Pro / Rec:	.023-.039" V/REC (.584-.991 MM) *			Exhaust Pro / Rec:	.023-.039" V/REC (.584-.991 MM) *	
Notes:	DIESEL, 450-D & 4500D TORO REELMASTER					
Comments:	* MAX V/REC INT & EXH=.051" (1.300 MM)					
MITSUBISHI	2.3	143	J	4D55	83-87	4D55
New Height:	3.7000-3.7050" (93.98-94.107 MM)			Min Height:	3.6960" (93.878 MM)	
Intake Pro / Rec:	.040-.050" V/PRO (1.016-1.27 MM)			Exhaust Pro / Rec:	.040-.050" V/PRO (1.016-1.27 MM)	
Casting Numbers:	Head #:H-1332, H-1332 Block #: AE7488, AE7498					
Notes:	TURBO DIESEL					
MITSUBISHI	2.4	143	G	GALANT	93-04	4G64
New Height:	4.720-4.730" (119.888-120.100 MM)			Min Height:	4.712" (119.685 MM)	
Intake Hgt:	1.950-1.960" (49.53-49.784 MM)			Exhaust Hgt:	1.950-1.960" (49.53-49.784 MM)	
Casting Numbers:	Head #:G6, G6K2, G6K4, G6K5, G6K6, K4 Block #: 4G64, G64B					
Notes:	SOHC, GALANT 16 VALVES, 6/92 UP, OUTLANDER					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
MITSUBISHI				4 Cylinders (cont.)		
MITSUBISHI	2.4	143	IND	4G64	94-97	4G64
New Height:	3.543" (89.992 MM)			Min Height:	3.523" (89.484 MM)	
Intake Hgt:	1.6400-1.6600" (41.656-42.164 MM)			Exhaust Hgt:	1.6400-1.6600" (41.656-42.164 MM)	
Notes:	SOHC, ENGINE, LPG, 8 VALVE					
Comments:	* REPORTED MEMBER # 39975 11-15-02 MC CATERPILLER FORKLIFT SERIAL # XQ1031 INTAKE VALVE STEM .313" X 1.812" AND EXHAUST VALVE STEM .312" X 1.494" HEAD CASTING # 64 M					
MITSUBISHI	2.4	143	L	GALANT	94-95	4G64
New Height:	5.193-5.201" (131.902-132.105 MM)					
Casting Numbers:	Block #:4G64, G64B					
Notes:	DOHC, GALANT, MFI					
MITSUBISHI	2.4	143	L		85-86	G64B
New Height:	3.543" (89.992 MM)			Min Height:	3.523" (89.484 MM)	
Casting Numbers:	Block #:4G64, G64B					
Notes:	SOHC, EFI					
MITSUBISHI	2.4	143	L	VAN	87-88	G64B
New Height:	3.5430" (89.992 MM)			Min Height:	3.5230" (89.484 MM)	
Intake Hgt:	1.6400-1.6600" (41.656-42.164 MM)			Exhaust Hgt:	1.6400-1.6600" (41.656-42.164 MM)	
Casting Numbers:	Head #:64-M Block #: 4G64, G64B					
Notes:	SOHC, MFI, VAN					
MITSUBISHI	2.4	143	W		89-92	4G64
New Height:	3.543-3.544" (89.992-90.018 MM)			Min Height:	3.5230" (89.484 MM)	
Intake Hgt:	1.6400-1.6600" (41.656-42.164 MM)			Exhaust Hgt:	1.6400-1.6600" (41.656-42.164 MM)	
Casting Numbers:	Head #:64-M Block #: 4G64, G64B, L-1111					
Notes:	SOHC, MFI, GALANT, EXPO, TRUCK, 8 VALVE					
Comments:	* REPORTS OF 1.690" ALSO					
MITSUBISHI	2.4	146		GALANT	05-06	
New Height:	4.7244" (120.000 MM)					
Intake Hgt:	1.9028-1.9224" (48.330-48.830 MM)			Exhaust Hgt:	1.9031-1.9228" (448.340-48.840 MM)	
Notes:	SOHC, MITEC					
MITSUBISHI	2.5	151				4D56
New Height:	3.7047" (94.100 MM)			Min Height:	3.7008" (94.000 MM)	
Notes:	NON-TURBO, DIESEL					
MITSUBISHI	2.6	156	7		83-89	4G54
New Height:	3.539-3.547" (89.900-90.100 MM)			Min Height:	3.523" (89.484 MM)	
Intake Hgt:	1.690-1.710" (42.926-43.434 MM)			Exhaust Hgt:	1.680-1.700" (42.672-43.18 MM)	
Casting Numbers:	Head #:4JC, M29 Block #: 4G54, 4G54B, G54, G54B					
Notes:	SOHC, EFI OR 2BC, INDUSTRIAL					
Comments:	* AUX VALVE ASSEMBLY PART #MD009440					
MITSUBISHI	2.6	156	E	MONTERO	83-85	4G54
New Height:	3.539-3.547" (89.900-90.100 MM)			Min Height:	3.5230" (89.484 MM)	
Intake Hgt:	1.690-1.710" (42.926-43.434 MM)			Exhaust Hgt:	1.680-1.700" (42.672-43.18 MM)	
Casting Numbers:	Head #:4JC Block #: 4G54, 4G54B, G54, G54B					
Notes:	SOHC, 2BC, MONTERO, P/UP, MECH CAM					
Comments:	* 5/84-90= 1.961 **AUX VLV:LGTH3.6429,ST DIAM .169SPG TST PRESS 8#S @ .846, SPG HGT .8460. AUX. JET VALVE= HOT: .010, COLD: .007					
MITSUBISHI	2.6	156	E	MONTERO	86-90	4G54
New Height:	3.539-3.547" (89.900-90.100 MM)			Min Height:	3.5230" (89.484 MM)	
Intake Hgt:	1.690-1.710" (42.926-43.434 MM)			Exhaust Hgt:	1.680-1.700" (42.672-43.18 MM)	
Casting Numbers:	Head #:4JC Block #: 4G54, 4G54B, G54, G54B					
Notes:	SOHC, 2BC, MONTERO, P/UP, HYD LIFTER					
Comments:	* 5/84-90= 1.961 **AUX VLV: LGTH 3.6429, ST DIAM .169, SPG TST PRESS 8# @ .846, SPG HGT .8460 AUX. JET VALVE= HOT: .010, COLD: .007					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
MITSUBISHI				4 Cylinders (cont.)		
MITSUBISHI	2.6	156	H	STARION	84-85	
New Height:	3.5430" (89.992 MM)			Min Height:	3.5230" (89.484 MM)	
Intake Hgt:	1.690-1.710" ** (42.926-43.434 MM)			Exhaust Hgt:	1.680-1.700" ** (42.672-43.18 MM)	
Casting Numbers:	Head #:4JC Block #: 4G54, 4G54B, G54, G54B					
Notes:	SOHC, MFI, TURBO, STARION, MECH CAM					
Comments:	**AUX VLV:LENGTH 3.6429, STEM DIAMETER .169, SPG TST PRESS 8# @.846, SPG HGT .846 * JET VALVE = .010" HOT					
MITSUBISHI	2.6	156	H	STARION	86-87	
New Height:	3.5430" (89.992 MM)			Min Height:	3.5230" (89.484 MM)	
Intake Hgt:	1.690-1.710" ** (42.926-43.434 MM) **			Exhaust Hgt:	1.680-1.700" (42.672-43.18 MM) **	
Casting Numbers:	Head #:4JC, 4JC Block #: 4G54, 4G54B, G54, G54B					
Notes:	SOHC, MFI, TURBO, STARION, HYD LIFTER					
Comments:	**AUX VLV:LENGTH 3.6429, STEM DIAMETER .169, SPG TST PRESS 8# @.846, SPG HGT .846 * JET VALVE = .010" HOT					
MITSUBISHI	2.6	156	N		83-85	
New Height:	3.5430" (89.992 MM)			Min Height:	3.5230" (89.484 MM)	
Intake Hgt:	1.690-1.710" (42.926-43.434 MM)			Exhaust Hgt:	1.680-1.700" (42.672-43.18 MM)	
Casting Numbers:	Head #:4JC Block #: 4G54, 4G54B, G54, G54B					
Notes:	SOHC, EFI, TURBO, MECH CAM					
Comments:	AUX VLV: LNGTH3.6429,ST DIAM.169,SPG TEST 8# @.846**AUX VLV:SPG TST PRESS 8# @.846,SPG INST HGT.846 *** JET VALVE = .010" HOT					
MITSUBISHI	2.6	156	N		86-89	
New Height:	3.5430" (89.992 MM)			Min Height:	3.5230" (89.484 MM)	
Intake Hgt:	1.690-1.710" (42.926-43.434 MM)			Exhaust Hgt:	1.680-1.700" (42.672-43.18 MM)	
Casting Numbers:	Head #:4JC Block #: 4G54, 4G54B, G54, G54B					
Notes:	SOHC, EFI, TURBO, HYD LIFTER					
Comments:	* 5/84-90: 1.961 **AUX VLV:LNTH3.6429,ST DIAM.169**AUX VLV:SPG TST PRESS 8# @.846,SPG INST HGT.846 *** JET VALVE = .010" HOT					
MITSUBISHI	2.8	173		4M40	97-00	4M40
Intake Pro / Rec:	.030" V/REC (.760 MM) *			Exhaust Pro / Rec:	.037" V/REC (.940 MM) *	
Notes:	TURBO DIESEL					
Comments:	* MAX V/REC: INTAKE=.049", EXHAUST=.057"					
MITSUBISHI	3.3	201		4D31T	87-92	4D31T
New Height:	3.736-3.744" (94.894-95.098 MM)			Min Height:	3.724" (94.59 MM)	
Intake Pro / Rec:	.003-.049" V/REC (.076-1.245 MM)			Exhaust Pro / Rec:	.003-.049" V/REC (.076-1.245 MM)	
Notes:	FE TURBO DIESEL TRUCK					
MITSUBISHI	3.3	203		S4S		S4S
Intake Pro / Rec:	.008-.024" V/REC (.200-.600 MM)			Exhaust Pro / Rec:	.012-.028" V/REC (.300-.800 MM)	
Notes:	DIESEL,CAT FORKLIFT DP30 D,TORO MOWER, SWIRL CHMBR					
MITSUBISHI	3.3	203		S4S-D		S4S-D & S4S-D
Intake Pro / Rec:	.008-.024" V/REC (.200-.600 MM) *			Exhaust Pro / Rec:	.012-.028" V/REC (.300-.700 MM) *	
Notes:	DIESEL, DIR INJ, H2O COOLED, S4S-DT, TORO MOWER					
Comments:	* MAX V/REC .039" (1.000 MM)					
MITSUBISHI	3.9	238		4D34T	92-94	4D34T
New Height:	3.736-3.744" (94.894-95.098 MM)			Min Height:	3.724" (94.59 MM)	
Intake Pro / Rec:	.003-.049" V/REC (.076-1.245 MM)			Exhaust Pro / Rec:	.003-.049" V/REC (.076-1.245 MM)	
Casting Numbers:	Block #:4D34, 973535					
Notes:	TURBO DIESEL					
MITSUBISHI	4.3	259		S4K		S4K & S4K-T
Intake Pro / Rec:	.016" V/REC (.406 MM)			Exhaust Pro / Rec:	.020" V/REC (.508 MM)	
Casting Numbers:	Block #:S4K					
Notes:	DIESEL, DIR INJ, OHV, WATER COOLED, USED BY CAT					
MITSUBISHI				6 Cylinders		
MITSUBISHI	2.5	152	6G73	GALANT	95-95	6G73
New Height:	4.720-4.730" (119.888-120.142 MM)			Exhaust Hgt:	1.9450-1.9550" (49.403-49.657 MM)	
Intake Hgt:	1.9450-1.9550" (49.403-49.657 MM)					
Notes:	SOHC, GALANT					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
MITSUBISHI				6 Cylinders (cont.)		
MITSUBISHI	3.0	181	3		87-91	
New Height:	3.3030-3.3110" (83.896-84.099 MM)			Min Height:	3.2950" (83.693 MM)	
Intake Hgt:	1.6350-1.6500" (41.529-41.91 MM)			Exhaust Hgt:	1.6350-1.6500" (41.529-41.91 MM)	
Casting Numbers:	Head #: 16, 24, 42, 5, 6, A, B Block #: 41, 42, 42, 8713N3, 9107D2					
Notes:	SOHC					
Comments:	* SPRING LENGTH 90-91: 1.921-1.960					
MITSUBISHI	3.0	181	B	3000GT	91-94	
New Height:	5.200" (132.08 MM)			Exhaust Hgt:	1.850-1.860" (46.99-47.244 MM)	
Intake Hgt:	1.850-1.860" (46.99-47.244 MM)					
Casting Numbers:	Block #: 6G72					
Notes:	DOHC, MFI, 3000GT, DIAMANTE					
Comments:	* 15 FT LBS. FRONT AND REAR 97 IN LBS. 2,3+4					
MITSUBISHI	3.0	181	C	3000GT	91-92	
New Height:	5.2000-5.2100" (132.08-132.334 MM)			Exhaust Hgt:	1.8500-1.8600" (46.99-47.244 MM)	
Intake Hgt:	1.8500-1.8600" (46.99-47.244 MM)					
Casting Numbers:	Head #: 16, 24 Block #: 6G72, 8713N3					
Notes:	DOHC, MFI, TWIN TURBO, 3000GT					
Comments:	*15 FT LBS. FRONT AND REAR 97 IN LBS. 2,3+4					
MITSUBISHI	3.0	181	H	DIMANTE	93-96	6G72
New Height:	3.3030-3.3110" (83.896-84.099 MM)			Min Height:	3.2950" (83.693 MM)	
Intake Hgt:	1.591-1.630" (40.411-41.402 MM)			Exhaust Hgt:	1.591-1.630" (40.411-41.402 MM)	
Casting Numbers:	Head #: 42, 5, 6, A, B Block #: 41, 42, 6G72, 8713N3, 9107D2					
Notes:	SOHC, MFI, 12 VALVE, DIMANTE, MONTERO					
MITSUBISHI	3.0	181	H	MONTERO	89-94	6G72
New Height:	3.3030-3.3110" (83.896-84.099 MM)			Min Height:	3.2950" (83.693 MM)	
Intake Hgt:	1.9410" (49.300 MM) * 1.960" MAX			Exhaust Hgt:	1.9410" (49.300 MM) * 1.960" MAX	
Notes:	SOHC, 12 VALVE, MONTERO & SPORT					
MITSUBISHI	3.0	181	H	MONTERO	95-03	6G72
New Height:	4.7244" (120 MM)			Min Height:	NONE SUPPLIED BY OEM	
Intake Hgt:	1.941-1.960" (49.301-49.784 MM)			Exhaust Hgt:	1.941-1.960" (49.301-49.784 MM)	
Casting Numbers:	Head #: G7S4FR					
Notes:	SOHC 24 V ECLIPSE 95-03 MONTERO 1997 VIN P 1997&8					
MITSUBISHI	3.0	181	J	3000GT	93-98	
New Height:	5.1968" (131.999 MM)			Min Height:	5.1888" (131.796 MM)	
Intake Hgt:	1.850-1.870" ** (47.498 MM)			Exhaust Hgt:	1.850-1.870" ** (47.244 MM)	
Casting Numbers:	Block #: 6G72					
Notes:	DOHC, 60°V6, NON TURBO, 3000 GT, DIMANTE					
Comments:	* 1995 = 53# @ 1.492 ** 1.790 - 1.800" REPORTED					
MITSUBISHI	3.0	181	K	3000GT	93-98	
New Height:	5.1968" (131.999 MM)			Min Height:	5.1888" (131.796 MM)	
Intake Hgt:	1.870" REPORTED (47.498 MM)			Exhaust Hgt:	1.860" REPORTED (47.244 MM)	
Casting Numbers:	Block #: 6G72					
Notes:	DOHC, MFI, TWIN TURBO, 3000 GT					
MITSUBISHI	3.0	181	S	GALANT	88-92	
New Height:	3.3030-3.3110" (83.896-84.099 MM)			Min Height:	3.2950" (83.693 MM)	
Intake Hgt:	1.6350-1.6500" (41.529-41.91 MM)			Exhaust Hgt:	1.6350-1.6500" (41.529-41.91 MM)	
Casting Numbers:	Head #: 16, 24, 3136973, 3138396, 3144092, 42, 5, 5, 6, 6, A, A, B, B Block #: 6G72, 8713N3					
Notes:	SOHC, MFI, RWD, MONTERO, P/UP, GALANT					
Comments:	* SPRING LENGTH 1990-91 = 1.921-1.960					
MITSUBISHI	3.5	213			94-97	
New Height:	5.1968" (132.000 MM)					
Notes:	DOHC, 60r V-6					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
MITSUBISHI				6 Cylinders (cont.)		
MITSUBISHI	3.5	213	M	MONTERO	94-96	6G74DN
New Height:	5.200" (132.08 MM)			Min Height:	5.1888" (131.796 MM)	
Intake Hgt:	1.845-1.855" **			Exhaust Hgt:	1.855-1.865" *	
Castings Numbers:	Head #:G7S4FR Block #: 6G74					
Notes:	DOHC, MFI, 24 VALVE, MONTERO SR					
Comments:	* 1.835" REPORTED 8-7-01 MC VALVE HEADS GOT SMALLER IN 1997			** REPORTED 4-18-02		
	MEMBER 38447 INTAKE 1.817-1.825" EXHUAUST 1.800-1.817"					
MITSUBISHI	3.5	213	R	MONTERO	97-04	6G74
New Height:	4.7244" (120.000 MM)			Min Height:	4.7160" (119.800 MM)	
Intake Hgt:	1.9409-1.9606" (49.300-49.800 MM)			Exhaust Hgt:	1.9409-1.9606" (49.300-49.800 MM)	
Castings Numbers:	Head #:G7S4FF Block #: M4					
Notes:	SOHC, 24 VALVE, MONTERO XLS, MONTERO SPORT					
MITSUBISHI	3.9	239		S6E		S6E
Intake Pro / Rec:	.020-.036" V/REC (.508-.914 MM)			Exhaust Pro / Rec:	.020-.036" V/REC (.508-.914 MM)	
Castings Numbers:	Block #:S6EK2-231004					
Notes:	DIESEL, OHV					
MITSUBISHI	4.0	243		6DR51A		6DR51A
Intake Pro / Rec:	.043-.059" V/REC (1.092-1.499 MM)			Exhaust Pro / Rec:	.043-.059" V/REC (1.092-1.499 MM)	
Notes:	DIESEL					
MITSUBISHI	4.4	271		S6E2		S6E2
Intake Pro / Rec:	.020-.036" V/REC (.508-.914 MM)			Exhaust Pro / Rec:	.020-.036" V/REC (.508-.914 MM)	
Castings Numbers:	Block #:S6EK2-231004					
Notes:	DIESEL, OHV					
MITSUBISHI	4.9	300		6D310AT	90-92	6D310AT
Intake Pro / Rec:	.003-.049" V/REC (.076-1.245 MM)			Exhaust Pro / Rec:	.003-.049" V/REC (.076-1.245 MM)	
Notes:	6D310AT TURBO					
MITSUBISHI	4.9	301		6D31T	89-93	6D31T
New Height:	3.736-3.744" (94.894-95.098 MM)			Min Height:	3.724" (94.59 MM)	
Intake Pro / Rec:	.003-.049" REC (.076-1.245 MM) *			Exhaust Pro / Rec:	.003-.049" REC (.076-1.245 MM) *	
Castings Numbers:	Head #:6D3					
Notes:	TURBO DIESEL					
Comments:	* MAX V/REC .059 I & E					
MITSUBISHI	5.0	305		S6S		S6S
New Height:	3.3410-3.3430" (84.861-84.912 MM) *					
Intake Pro / Rec:	.008-.024" V/REC (.200-.600 MM)			Exhaust Pro / Rec:	.012-.028" V/REC (.300-.800 MM)	
Notes:	DIESEL, USED IN CATERPILLAR & TORO, SWIRL CHMBR					
Comments:	* REPORTED					
MITSUBISHI	5.0	305		S6S-D		S6S-D & S6S-D
Intake Pro / Rec:	.008-.024" V/REC (.200-.600 MM) *			Exhaust Pro / Rec:	.012-.028" V.REC (.300-.700 MM) *	
Notes:	DIESEL,DIR INJ,H2O COOLED,TORO MOWER,S6S-DT					
Comments:	* MAX V/REC .039" (1.000 MM)					
MITSUBISHI	5.4	331		6DS7		6DS7
New Height:	3.7205" (94.500 MM)					
Intake Pro / Rec:	.043" V/REC (1.092 MM)			Exhaust Pro / Rec:	.043" V/REC (1.092 MM)	
Notes:	DIESEL					
MITSUBISHI	5.9	357		6D34T	95-00	6D34T
New Height:	3.7361-3.7439" (94.900-95.100 MM)			Min Height:	3.7244" (94.600 MM)	
Intake Pro / Rec:	.030-.049" V/REC (.750-1.250 MM) *			Exhaust Pro / Rec:	.030-.049" V/REC (.750-1.250 MM) *	
Notes:	DIESEL, FH TRUCK, 211 TURBO					
Comments:	* MAX V/REC: INTAKE=.059", EXHAUST=.067"					
MITSUBISHI	6.6	400		6D14		6D14
New Height:	3.736-3.744" (94.894-95.098 MM)			Min Height:	3.724" (94.59 MM)	
Intake Pro / Rec:	.030-.049" REC (.762-1.245 MM) *			Exhaust Pro / Rec:	.030-.049" REC (.762-1.245 MM) *	
Notes:	DIESEL					
Comments:	* MAX V/REC .059 I & E					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
MITSUBISHI				6 Cylinders (cont.)		
MITSUBISHI	6.7	406		6D142A	75-89	6D142A
New Height: 3.7362-3.7441" (94.899-95.1 MM)				Min Height: 3.7205" (94.501 MM)		
Intake Pro / Rec: .044-.059" V/REC (1.118-1.499 MM)				Exhaust Pro / Rec: .044-.059" V/REC (1.118-1.499 MM)		
Notes: FK-415 FUSO TRUCK						
Comments: HEAD HAS INJECTOR TUBES						
MITSUBISHI	6.9	422		6D15	74-86	6D15
New Height: 3.7362-3.7441" (94.899-95.1 MM)				Min Height: 3.7205" (94.501 MM)		
Intake Pro / Rec: .044-.059" V/REC (1.118-1.499 MM)				Exhaust Pro / Rec: .044-.059" V/REC (1.118-1.499 MM)		
Notes: DIESEL INDUSTRIAL CRANE, KOBELCO						
Comments: HEAD HAS INJECTOR TUBES						
MITSUBISHI	7.5	460		6D16	87-88	6D16
New Height: 3.736-3.744" (94.894-95.098 MM)				Min Height: 3.724" (94.59 MM)		
Intake Pro / Rec: .043-.059" V/REC (1.100-1.500 MM)				Exhaust Pro / Rec: .051-.067" V/REC (1.300-1.700 MM) *		
Notes: DIESEL						
Comments: * MAX V/REC .079" INTAKE & EXHAUST. ** M14 BOLTS MAY BE USED 3 TIMES BEFORE REPLACEMENT.						
MITSUBISHI	11.2	680		6D22	92-95	6D22
New Height: 5.118" (129.997 MM)				Min Height: 5.110" (129.794 MM)		
Intake Pro / Rec: .010-.030" V/REC (.254-.762 MM)				Exhaust Pro / Rec: .000-.018" V/REC (-.457 MM)		
Casting Numbers: Head #:9530N, 9605N, 9616 Block #: 96282						
Notes: 6D22 & 6D22T, 6 HEADS, DIRECT INJ, DIESEL						
MURPHY				1 Cylinder		
MURPHY	0.8	46		D302-1		D302-1
Intake Pro / Rec: .040-.057" V/REC (1.016-1.448 MM)				Exhaust Pro / Rec: .040-.057" V/REC (1.016-1.448 MM)		
Notes: DIESEL, 4-STROKE, DIRECT INJ, AIR COOLED						
MURPHY				2 Cylinders		
MURPHY	1.5	91		D202-2		D202-2, D302-2
Intake Pro / Rec: .040-.057" V/REC (1.016-1.448 MM)				Exhaust Pro / Rec: .040-.057" V/REC (1.016-1.448 MM)		
Notes: DIESEL, 4-STROKE, D/I, LIQUID COOL, D302-2 IS AIR COOL						
MURPHY	1.9	115		D327-2		D327-2 SM CRA
Intake Pro / Rec: .040-.055" V/REC (1.016-1.397 MM)				Exhaust Pro / Rec: .040-.055" V/REC (1.016-1.397 MM)		
Notes: DIESEL, SMALL CRANK, D/I, AIR COOLED, 9 DIGIT ENGINE						
MURPHY	1.9	115	2	D327-2		D327-2 LG CRA
Intake Pro / Rec: .040-.055" V/REC (1.016-1.397 MM)				Exhaust Pro / Rec: .040-.055" V/REC (1.016-1.397 MM)		
Notes: DIESEL, LARGE CRANK, D/I, AIR COOLED, 10 DIGIT ENGINE						
MURPHY	2.1	127		D226-2		D226-2 SM CRA
Intake Pro / Rec: .040-.055" V/REC (1.016-1.397 MM)				Exhaust Pro / Rec: .040-.055" V/REC (1.016-1.397 MM)		
Notes: DIESEL, SMALL CRANK, D/I, LIQUID COOLED, 9 DIGIT ENG						
MURPHY	2.1	127	2	D226-2		D226-2 LG CRA
Intake Pro / Rec: .040-.055" V/REC (1.016-1.397 MM)				Exhaust Pro / Rec: .040-.055" V/REC (1.016-1.397 MM)		
Notes: DIESEL, LARGE CRANK, D/I, LIQUID COOLED, 10 DIGIT ENG						
MURPHY				3 Cylinders		
MURPHY	2.2	136		D202-3		D202-3, D302-3
Intake Pro / Rec: .040-.057" V/REC (1.016-1.448 MM)				Exhaust Pro / Rec: .040-.057" V/REC (1.016-1.448 MM)		
Notes: DIESEL, 4-STROKE, D/I, LIQUID COOL, & D302-3 AIR COOL						
MWM				3 Cylinders		
MWM	2.9	177		D229-3	00-05	D229-3
New Height: 3.7756-3.7835" (95.900-96.100 MM)				Min Height: DO NOT GRIND PER MFGR		
Intake Pro / Rec: .053-.061" V/REC (1.350-1.550 MM) *				Exhaust Pro / Rec: .053-.061" V/REC (1.350-1.550 MM) *		
Notes: DIESEL, 4 STROKE, DIR INJ, VERTICAL, MADE IN BRAZIL						
Comments: * MAX V/REC .071" (1.800 MM) INTAKE & EXHAUST. ** 22MM (CONT.): RUN ENG 30 MIN, COOL, LOOSEN 1ST CPSCRW 1/4 TURN, TIGHTEN IN 1 STEP 145-152#, REPEAT W/CPSCRW #2, 3 & 4. NEVER LOOSEN ALL CPSCRWS AT THE SAME TIME. HEAD GASKET THICKNESS .0433-.0559".						

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
MWM				4 Cylinders		
MWM	2.8	171		SPRINT	00-05	4.07T & 4.07TC
New Height: 4.250-4.254" (107.950-108.050 MM)						
Intake Pro / Rec: -.004" TO +.004" (-.100 TO +.100 MM)			Exhaust Pro / Rec: -.004 TO +.004" (-.100 TO +.100 MM)			
Notes: DIESEL,4 STROKE,TURBO & AFTERCOOLER,MADE IN BRAZIL						
MWM	3.9	239		D229-4	00-05	D229-4
New Height: 3.7756-3.7835" (95.900-96.100 MM)						
Intake Pro / Rec: .053-.061" V/REC (1.350-1.550 MM) *			Exhaust Pro / Rec: .053-.061" V/REC (1.350-1.550 MM) *			
Notes: DIESEL,4 STROKE,DIR INJ,MADE IN BRAZIL						
Comments: * MAX V/REC I&E=.071" (1.800 MM). ** 22MM (CONT) RUN ENG 30 MIN, COOL, LOOSEN #1 CPSCRW 1/4 TRN, TIGHTEN IN 1 STEP 145-152#, REPEAT W/CPSCRW #2,3&4. NEVER LOOSEN ALL CPSCRWS AT THE SAME TIME. HEAD GASKET THICKNESS .043-.056"						
MWM	3.9	239		TD229-4	00-05	TD229-4
New Height: 3.7756-3.7835" (95.900-96.100 MM)				Min Height: DO NOT GRIND PER MANUFACTURER		
Intake Pro / Rec: .053-.061" V/REC (1.350-1.550 MM)			Exhaust Pro / Rec: .053-.061" V/REC (1.350-1.550 MM)			
Notes: DIESEL, TURBO, DIRECT INJ, MADE IN BRAZIL						
Comments: * 22MM TORQUE (CONTINUED): RUN ENG 30 MIN, COOL, LOOSEN #1 CPSCRW 1/4 TURN, & RETORQUE IN 1 STEP TO 145-152 FT/LBS. REPEAT WITH #2,3&4 CPSCRWS. NEVER LOOSEN ALL CPSCRWS AT THE SAME TIME.						
MWM	4.3	262		10 SERIES	00-05	10 SERIES
Intake Pro / Rec: .031-.043" V/REC (.800-1.100 MM) *			Exhaust Pro / Rec: .051-.063" V/REC (1.300-1.600 MM) *			
Notes: DIESEL,NAT'L ASPIRATED & TURBO, MADE IN BRAZIL						
Comments: * MAX V/REC: INTAKE=.053" (1.350 MM), EXHAUST=.073" (1.850 MM)						
MWM				6 Cylinders		
MWM	4.2	256		SPRINT	00-05	6.07T & 6.07TC
New Height: 4.250-4.254" (107.950-108.050 MM)						
Intake Pro / Rec: -.004 TO +.004" (-.100 TO +.100 MM)			Exhaust Pro / Rec: -.004 TO +.004" (-.100 TO +.100 MM)			
Notes: DIESEL,4 STROKE,TURBO & AFTERCOOLER,MADE IN BRAZIL						
MWM	5.9	359		D229-6	00-05	D229-6
New Height: 3.7756-3.7835" (95.900-96.100 MM)						
Intake Pro / Rec: .053-.061" V/REC (1.350-1.550 MM)			Exhaust Pro / Rec: .053-.061" V/REC (1.350-1.550 MM)			
Notes: DIESEL, DIR INJ, 4 STROKE, MADE IN BRAZIL						
Comments: * 22MM (CONT): RUN ENG 30 MIN, COOL, LOOSEN #1 CPSCRW 1/4 TURN, TIGHTEN IN 1 STEP 145-152 FT/LBS. REPEAT W/CPSCRW #2,3&4. NEVER LOOSEN ALL CAPSCREWS AT THE SAME TIME.						
MWM	5.9	359		TD229-6	00-05	TD229-6
New Height: 3.7756-3.7835" (95.900-96.100 MM)				Min Height: DO NOT GRIND PER MANUFACTURER		
Intake Pro / Rec: .053-.061" V/REC (1.350-1.550 MM)			Exhaust Pro / Rec: .053-.061" V/REC (1.350-1.550 MM)			
Notes: DIESEL,TURBO,& TBD229-6 AFTERCOOLER,MADE IN BRAZIL						
Comments: * 22MM (CONT): RUN ENGINE 30 MIN, COOL, LOOSEN #1 CPSCRW 1/4 TURN, TIGHTEN IN 1 STEP 145-152 FT/LBS. REPEAT W/CPSCRW #2,3&4. NEVER LOOSEN ALL CAPSCREWS AT THE SAME TIME.						
MWM	6.4	394		10 SERIES	00-05	
Intake Pro / Rec: .031-.043" V/REC (.800-1.100 MM) *			Exhaust Pro / Rec: .051-.063" V/REC (1.300-1.600 MM) *			
Notes: DIESEL, NATURALLY ASPIRATED & TURBO,MADE IN BRAZIL						
Comments: * MAX V/REC: INTAKE=.053" (1.350 MM), EXHAUST=.073" (1.850 MM)						
NAVISTAR				3 Cylinders		
NAVISTAR	0.8	52		234		234
New Height: 2.990-2.994" (75.950-76.050 MM)				Min Height: 2.986" (75.850 MM)		
Intake Pro / Rec: .018" MIN V/REC, .106" MAX V/REC			Exhaust Pro / Rec: .018" MIN V/REC, .106" MAX V/REC			
Notes: DIESEL, 234 TRACTOR, 18 HP						
NAVISTAR	1.0	60		244		244
New Height: 2.990-2.994" (75.950-76.050 MM)				Min Height: 2.986" (75.860 MM)		
Intake Pro / Rec: .018" MIN V/REC, .106" MAX V/REC			Exhaust Pro / Rec: .018" MIN V/REC, .106" MAX V/REC			
Notes: DIESEL, 244 TRACTOR, 21 HP						
NAVISTAR	1.1	65		254		254
New Height: 2.990-2.994" (75.950-76.050 MM)				Min Height: 2.986" (75.850 MM)		
Intake Pro / Rec: .018" MIN V/REC, .106" MAX V/REC			Exhaust Pro / Rec: .018" MIN V/REC, .106" MAX V/REC			
Notes: DIESEL, 254 TRACTOR, 24 HP						
NAVISTAR	1.6	99		274		SD-16
New Height: 3.5433" (90. MM)				Min Height: 3.5313" (89.695 MM)		
Intake Pro / Rec: .030" V/REC (.762 MM)			Exhaust Pro / Rec: .030" V/REC (.762 MM)			
Notes: 274, 284 DIESEL, NISSAN SD-16 ENGINE						

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
NAVISTAR			3 Cylinders (cont.)			
NAVISTAR	2.5	155	D155	385		D155
New Height:	3.890-3.910" (98.806-99.314 MM)			Min Height:	3.8795" (98.539 MM)	
Intake Pro / Rec:	.039-.055" V/REC (.991-1.397 MM)			Exhaust Pro / Rec:	.047-.063" V/REC (1.194-1.6 MM)	
 Casting Numbers:	Head #:3055048R2, 3055048R4, D48R2, D48R4 Block #: 3055003R3, J05500R3					
Notes:	385 TRACTORS					
NAVISTAR	2.9	179		454		D179
New Height:	3.8945-3.9000" (98.92-99.06 MM)			Min Height:	3.8795" (98.539 MM)	
Intake Pro / Rec:	.039-.055" V/REC (.991-1.397 MM)			Exhaust Pro / Rec:	.047-.063" V/REC (1.194-1.6 MM)	
 Casting Numbers:	Head #:1329135C1, 3055048R3, 3055048R3, 398065R1, D48R4 Block #: 3055001R, 305500R3					
Notes:	DIESEL, D179, 454, 464, 484, 485 TRACTORS					
NAVISTAR			4 Cylinders			
NAVISTAR	1.2	71		284		M471G
New Height:	2.992" (75.997 MM)			Min Height:	2.984" (75.794 MM)	
Intake Pro / Rec:	1.575" V/REC (40.005 MM) *			Exhaust Pro / Rec:	1.575" V/REC (40.005 MM) *	
Notes:	284 GAS, TOYO-KOGYO M471G ENGINE					
Comments:	* 1.654 MAX ALLOWABLE V/REC					
NAVISTAR	2.3	144	D	B275		B414
New Height:	4.5900" (116.586 MM)			Min Height:	4.5400" (115.316 MM)	
Intake Pro / Rec:	.013-.027" V/REC (.33-.686 MM)			Exhaust Pro / Rec:	.013-.027" V/REC (.33-.686 MM)	
 Casting Numbers:	Head #:3043824, 3043824R, 3043824R1, 3049606P2, 703873, 703873R, 703873R3					
Notes:	B275 BRITISH DIESEL TRACTOR, B414					
NAVISTAR	2.5	152			61-68	
New Height:	3.7500-3.7600" (95.25-95.504 MM)			Min Height:	3.4340" (87.224 MM)	
Intake Pro / Rec:	.000-.030" V/REC (.000-.762 MM)			Exhaust Pro / Rec:	.000-.030" V/REC (.000-.762 MM)	
 Casting Numbers:	Head #:215591R91, 216358R1, 216368, 326392C91, 337185C91, 361665, 361665C, 863712 Block #: 862714R1, 863712R, 863712R1, 863712R2, 863714, 863714R, 863714R1					
Notes:	SCOUT					
NAVISTAR	2.5	154	D	2424		BD154
New Height:	3.7500-3.7600" (95.25-95.504 MM)			Min Height:	3.4340" (87.224 MM)	
Intake Pro / Rec:	.000-.030" V/REC (-.762 MM)			Exhaust Pro / Rec:	.000-.030" V/REC (-.762 MM)	
 Casting Numbers:	Head #:3043824R, 3043824R1, 304585R4 Block #: 3040912R, 3040912R4, 3042069R2					
Notes:	DIESEL, 444, 2424 TRACTORS, BD154					
NAVISTAR	2.6	157	C(1)	454		454
New Height:	3.4740" (88.24 MM)			Min Height:	3.4440" (87.478 MM)	
 Casting Numbers:	Head #:3055048R3, 398065R1, 398065R2 Block #: 405856R1					
Notes:	GAS, 454 TRACTOR					
NAVISTAR	2.7	166	D	340		340
New Height:	4.2500" (107.95 MM)			Min Height:	4.2300" (107.442 MM)	
Intake Pro / Rec:	.003-.046" V/REC (.076-1.168 MM)			Exhaust Pro / Rec:	.003-.046" V/REC (.076-1.168 MM)	
 Casting Numbers:	Head #:308378R, 308378R4, 308378R5					
Notes:	DIESEL, 340 TRACTOR					
NAVISTAR	3.0	188	D	504		504
New Height:	4.2500" (107.95 MM)			Min Height:	4.2300" (107.442 MM)	
Intake Pro / Rec:	.003-.046" V/REC (.076-1.168 MM)			Exhaust Pro / Rec:	.003-.046" V/REC (.076-1.168 MM)	
 Casting Numbers:	Head #:308378R4, 308378R5, 375775R1					
Notes:	DIESEL, 504 FARMALL & 2504 TRACTORS					
NAVISTAR	3.1	193	D	540		540
New Height:	4.2500" (107.95 MM)			Min Height:	4.2300" (107.442 MM)	
 Casting Numbers:	Head #:308378R4					
Notes:	DIESEL, 350 FARMALL & 540 TRACTOR					
Comments:	540 DIESEL TRACTOR, 350 FARMALL					
NAVISTAR	3.2	196	1/2V8		80-83	
New Height:	3.4440-3.4480" (87.478-87.579 MM)			Min Height:	3.4340" (87.224 MM)	
Intake Hgt:	2.0950-2.1250" (53.213-53.975 MM)			Exhaust Hgt:	2.6100-2.6400" (66.294-67.056 MM)	
 Casting Numbers:	Head #:433010, 433011-C2, 433012, 434513, 434513C1, 434514, 434514C1, 434515, 439513C1, 444663 Block #: 317226C1, 317227C1, 317228C1, 434512C2					
Notes:	GAS, SCOUT					
Comments:	CONTOURED PISTON					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
NAVISTAR				4 Cylinders (cont.)		
NAVISTAR	3.4	206	D206	584		D206
New Height:	3.890-3.910" (98.806-99.314 MM)			Min Height:	3.8795" (98.539 MM)	
Intake Pro / Rec:	.039-.055" V/REC (.991-1.397 MM)			Exhaust Pro / Rec:	.047-.063" V/REC (1.194-1.6 MM)	
Casting Numbers:	Head #:3055049R3, 3055367R97					
Notes:	584, 585 TRACTORS					
Comments:	14 6 4 12 HEAD -> 18 10 1 8 16 TORQUE SEQ. 15 7 2 9 17 11 3 5 13					
NAVISTAR	3.8	239	D239	544		D239
Intake Pro / Rec:	.040-.050" V/REC (1.016-1.27 MM)			Exhaust Pro / Rec:	.047-.060" V/REC (1.194-1.524 MM)	
Notes:	DIESEL, 544, 574, 674, 685 TRACTORS					
NAVISTAR	3.9	239	D239	544		D239
New Height:	3.890-3.910" (98.806-99.314 MM)			Min Height:	3.8795" (98.539 MM)	
Intake Pro / Rec:	.039-.055" V/REC (.991-1.397 MM)			Exhaust Pro / Rec:	.047-.063" V/REC (1.194-1.6 MM)	
Casting Numbers:	Head #:3055049, 3055049R2, 3055049R3, 3055367R95, 3055367R97, 398065R1, 685313C1 Block #: 3055003R3, 3136316R1					
Notes:	DIESEL, 544, 574, 674, 685 TRACTORS					
NAVISTAR	4.0	246	D-246	784		D246
New Height:	3.8945-3.9000" (98.92-99.06 MM)			Min Height:	3.8795" (98.539 MM)	
Intake Pro / Rec:	.039-.055" V/REC (.991-1.397 MM)			Exhaust Pro / Rec:	.047-.063" V/REC (1.194-1.6 MM)	
Casting Numbers:	Head #:3055049R2, 3055049R3, 3055049R4, 3055367R95, 3055367R97, 323770R1, 323770R4 Block #: 3055003R3					
Notes:	NEUSS DIESEL, 784 TRACTORS					
Comments:	MAX. VALVE RECESSON IS .120"					
NAVISTAR	4.3	264	C	T4, T6, T9, 656, S	50-62	
New Height:	3.464-3.474" (87.986-88.24 MM)			Min Height:	3.449" (87.605 MM)	
Intake Hgt:	2.313-2.343" (58.75-59.512 MM)			Exhaust Hgt:	2.261-2.291" (57.429-58.191 MM)	
Casting Numbers:	Head #:362174-R1, 367188R1, 6347D, 8060-DB, 8228, 8694, 8704DA, 8704DB					
Notes:	GAS,T4,T6,T9,656,SUPER M-ML-MV-MVL-W6-W6L TRACTORS					
Comments:	* ROTATORS EXH ONLY ** SPRG FREE LNGTH 2.578" & 102-110# @ 1.546 FOR MODEL M TRACT.					
NAVISTAR	4.4	268	D	510B	75-85	
New Height:	3.8902-3.9098" (98.811-99.309 MM)			Min Height:	3.8795" (98.539 MM)	
Intake Pro / Rec:	.040-.120" V/REC (1.016-3.048 MM)			Exhaust Pro / Rec:	.047-.120" V/REC (1.194-3.048 MM)	
Casting Numbers:	Head #:0283J, 3055049R4 Block #: 3144694R1, 3144694R4					
Notes:	510B LOADER, NEUSS DIESEL, GERMAN BUILT					
NAVISTAR	4.6	281	D281	450		D281
Intake Pro / Rec:	REC -.100" *			Exhaust Pro / Rec:	REC -.100" *	
Casting Numbers:	Head #:277098R, 362920R1, 364586R1					
Notes:	DIESEL, 450, 450HC, W450					
Comments:	* REPORTED MEMBER # 17591 05-28-03 MC					
NAVISTAR	5.5	335		TD-9A		TD-9A
Intake Hgt:	2.501-2.531" (63.525-64.287 MM)			Exhaust Hgt:	2.438-2.468" (61.925-62.687 MM)	
Casting Numbers:	Head #:260692, 260692R, 278292, 278292R, 278293, 278293R, 278368R, 323773R, 8101D					
Notes:	RD, GAS, TD-9A					
Comments:	* TOP OF GUIDE-SPG SEAT C/BORE IN TOP OF HEAD: HIGH COMP=1.219, MED & LOW COMP=1.188					
NAVISTAR	5.5	335	D	WD9, WDR9		WD9, WDR9
Intake Hgt:	2.501-2.531" (63.525-64.287 MM)			Exhaust Hgt:	2.438-2.468" (61.925-62.687 MM)	
Casting Numbers:	Head #:260692, 260692R, 278292, 278292R, 278293, 8101					
Notes:	DIESEL WD9, WDR9					
NAVISTAR	5.5	335	G	W9, TD-9A, T-9		W9, TD-9A, T-9
Intake Hgt:	2.501-2.531" (63.525-64.287 MM)			Min Height:	5.975" (151.765 MM) REPORTED	
Casting Numbers:	Head #:260692, 260692R, 278292, 278292R, 278293, 278293R, 278368R, 323773R, 8101D, 8320, 8320D, 9195, 9195D, A280038			Exhaust Hgt:	2.438-2.468" (61.925-62.687 MM)	
Notes:	GAS, W9, TD-9A, T-9					
Comments:	* TOP OF GUIDE-SPG SEAT C/BORE IN TOP OF HEAD: HIGH COMP=1.219, MED & LOW COMP=1.188					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
NAVISTAR				4 Cylinders (cont.)		
NAVISTAR	5.7	350	D	TD-9, 600, 650, S		TD-9
New Height:	6.000" (152.4 MM)			Min Height:	5.960" (151.384 MM)	
Intake Pro / Rec:	.075-.095" V/REC (1.905-2.413 MM)			Exhaust Pro / Rec:	.075-.095" V/REC (1.905-2.413 MM)	
CASTING NUMBERS:	Head #:260692, 260692R, 260692R-4, 278292, 278292R, 278368R, 278368R, 323773R, 8101 Block #: 8124-D8					
Notes:	DIESEL, TD-9, 600, 650 TRACTOR, SUPER WD9, WDR9					
Comments:	* STARTING VALVE GUIDE HEIGHT .3750" (9.525 MM) ** STARTING VALVE STEM CLEARANCE .002-.004"					
NAVISTAR	5.7	350	G			
Intake Hgt:	2.501-2.531" (63.525-64.287 MM)			Exhaust Hgt:	2.438-2.468" (61.925-62.687 MM)	
CASTING NUMBERS:	Head #:8320D, 8320DB, 9195, 9195D, A28003					
Notes:	GAS, W9, 600, 650 TRACTOR					
NAVISTAR	6.1	370	G	W9, TD9		UD370
Intake Hgt:	2.501-2.531" (63.525-64.287 MM)			Exhaust Hgt:	2.438-2.468" (61.925-62.687 MM)	
CASTING NUMBERS:	Head #:260692, 278292, 278293, 8320, 9195, A280038					
Notes:	W9, TD9, UD370					
NAVISTAR	6.6	402	D	DT402	75-85	DT402
New Height:	3.8902-3.9098" (98.811-99.309 MM)			Min Height:	3.8795" (98.539 MM)	
Intake Pro / Rec:	.040-.120" V/REC (1.016-3.048 MM)			Exhaust Pro / Rec:	.047-.120" V/REC (1.194-3.048 MM)	
Notes:	DT-402 NEUSS DIESEL, GERMAN BUILT					
NAVISTAR	7.5	461		TD-14		TD14
New Height:	5.6250" (142.875 MM)			Min Height:	5.5950" (142.113 MM)	
Intake Pro / Rec:	.020-.032" V/PRO (.508-.813 MM)			Exhaust Pro / Rec:	.020-.032" V/PRO (.508-.813 MM)	
CASTING NUMBERS:	Head #:251062, 251062R, 277293R, 277297, 306224R3, 3066224, 349369R, 349369R1, 5054D, 8064, 8064D, 8064DA					
Notes:	TD-14 DIESEL					
Comments:	** STARTING VALVE STEM DIAMETER--GUIDE CLEARANCE =.002-.004"					
NAVISTAR				6 Cylinders		
NAVISTAR	3.2	199				64-67
New Height:	3.4440-3.4480" (87.478-87.579 MM)			Min Height:	3.4340" (87.224 MM)	
Intake Hgt:	2.0950-2.1250" (53.213-53.975 MM)			Exhaust Hgt:	2.6100-2.6400" (66.294-67.056 MM)	
CASTING NUMBERS:	Head #:216365, 218365R, 3170717, 379295, 379295C Block #: 3172261, 317267C1, 317268C1, 434512C2, 817267C1					
NAVISTAR	3.5	214		GRD214A	50-55	GRD214A
New Height:	3.4640-3.4740" (87.986-88.24 MM)			Min Height:	3.4490" (87.605 MM)	
CASTING NUMBERS:	Head #:104042H, 12445, 12445R, 12447, 124474 Block #: 61963, 61963H					
Notes:	GAS, GRD214A, FLATHEAD, TRUCK					
Comments:	TRUCK					
NAVISTAR	3.6	220				50-62
New Height:	3.4640-3.4740" (87.986-88.24 MM)			Min Height:	3.4490" (87.605 MM)	
Intake Hgt:	2.3130-2.3430" (58.75-59.512 MM)			Exhaust Hgt:	2.2610-2.2910" (57.429-58.191 MM)	
CASTING NUMBERS:	Head #:164415R, 164415R3, 31923C-2, 319723, 319723C-2, 69717, 69717R, 69717R/R1 Block #: 214520R, 214520R1, 224520, 236191R, 316275, 316275R, 532880R1, 68489, 68498, 68499, 69499R, 69499R1					
NAVISTAR	3.6	220	BD			55-63
Notes:	GAS TRUCK					
NAVISTAR	3.6	220	U	560	50-68	560,660,656,70
New Height:	3.4640-3.4740" (87.986-88.24 MM)			Min Height:	3.4490" (87.605 MM)	
Intake Hgt:	2.4150-2.4450" (61.341-62.103 MM)			Exhaust Hgt:	2.3500-2.3800" (59.69-60.452 MM)	
CASTING NUMBERS:	Head #:382099R, 387972R, 390938E					
Notes:	GAS, 560, 660, 656, 706 TRACTORS					
Comments:	* THROUGH SERIAL #95245, .920-.080" AFTER SERIAL #					
NAVISTAR	3.6	221	C	460		460, 560, 606
New Height:	3.4640-3.4740" (87.986-88.24 MM)			Min Height:	3.4490" (87.605 MM)	
Intake Hgt:	2.313-2.343" (58.75-59.512 MM)			Exhaust Hgt:	2.261-2.2910" (57.429-58.191 MM)	
CASTING NUMBERS:	Head #:367188, 367188R1, 373423, 378240R1, 380812R93, 387718R2 Block #: 367511R					
Notes:	GAS, 460, 560, 606 TRACTORS					
Comments:	* ROTATORS EXH ONLY					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
NAVISTAR				6 Cylinders		(cont.)
NAVISTAR	3.8	232			68-74	HD232C
Min Height:				*		
Casting Numbers:	Head #:3189886, 3211040, 3222652 Block #: 3181884					
Notes:	GAS, AMC/JEEP					
Comments:	* GRINDING NOT RECOMMENDED WITH ROCKER SHAFT					
NAVISTAR	3.8	233	GRD		41-58	GRD233
New Height:	3.4640-3.4740" (87.986-88.24 MM)		Min Height:		3.4490" (87.605 MM)	
Casting Numbers:	Head #:104042H, 12445, 12445R, 12447, 12447A, 76769R-1, 79089 Block #: 61963, 61963H					
Notes:	GAS, GRD233, FLATHEAD, TRUCK					
Comments:	TRUCK					
NAVISTAR	3.8	236	D	460		TD9
New Height:	4.2400-4.2600" (107.696-108.204 MM)		Min Height:		4.2300" (107.442 MM)	
Intake Pro / Rec:	.003-.046" V/REC (.076-1.168 MM)		Exhaust Pro / Rec:		.003-.046" V/REC (.076-1.168 MM)	
Casting Numbers:	Head #:304324R, 304324R1, 304324R2, 308378R4, 328770, 329778R					
Notes:	460 TD9 DIESEL TRACTOR, 3616					
Comments:	** LATE STYLE INT USES ROTATOR SAME AS EXH. AFTER SERIAL #10984					
NAVISTAR	3.8	236	UD			
New Height:	4.2400-4.2600" (107.696-108.204 MM)		Min Height:		4.2300" (107.442 MM)	
Intake Pro / Rec:	.003-.046" V/REC (.076-1.168 MM)		Exhaust Pro / Rec:		.003-.046" V/REC (.076-1.168 MM)	
Casting Numbers:	Head #:304324R1, 308378R4, 328770					
Notes:	OFF ROAD APPLICATIONS					
NAVISTAR	3.9	240		BLACK DIAMON	63-69	BD240
New Height:	3.4640-3.4740" (87.986-88.24 MM)		Min Height:		3.4490" (87.605 MM)	
Intake Hgt:	2.3130-2.3430" (58.75-59.512 MM)		Exhaust Hgt:		2.2610-2.2910" (57.429-58.191 MM)	
Casting Numbers:	Head #:12445, 12447, 12447A, 124475, 164414R, 16444R, 254544C, 31922C2, 319722C-2, 69717, 69717R Block #: 214520R, 214520R1, 236191R, 236191R1, 316275, 316275R, 316276R, 68489, 68498, 68499, 69499R, 69499R1					
Notes:	BLACK DIAMOND, BD240					
NAVISTAR	4.3	263	C(1)	560		
New Height:	3.4640-3.4740" (87.986-88.24 MM)		Min Height:		3.4490" (87.605 MM)	
Intake Hgt:	2.4150-2.4450" (61.341-62.103 MM)		Exhaust Hgt:		2.3500-2.3800" (59.69-60.452 MM)	
Casting Numbers:	Head #:367188R1, 373423, 382099R1, 387718R1, 387718R2, 387972R, 390938E Block #: 367511R, 367511R4, 372544R4					
Notes:	560, 660, 656, 706 GAS TRACTOR					
Comments:	* AFTER SERIAL #95245 INTAKE GUIDE HGT=.920-.980					
NAVISTAR	4.3	264		400	63-74	BD254
New Height:	3.4640-3.4740" (87.986-88.24 MM)		Min Height:		3.4490" (87.605 MM)	
Intake Hgt:	2.3130-2.3430" (58.75-59.512 MM)		Exhaust Hgt:		2.2610-2.2910" (57.429-58.191 MM)	
Casting Numbers:	Head #:124475R, 164414R, 216363R, 216368, 216368R, 254544C, 31922C-2, 319722C, 319722C-2, 337125, 362174D, 362174R-1, 382099R1, 383666R2, 387718R1, 387718R2, 387972R, 390938E, 69717R/R1 Block #: 141776, 141776R, 141776R1, 214522R, 214522R1, 236193R, 236193R1, 316277R, 316277R1					
Notes:	EARLY GAS 706, 400 TRACTOR & TRUCK, UB TOO					
NAVISTAR	4.4	269		U, B, BD	40-69	
New Height:	3.4440-3.4480" (87.478-87.579 MM)		Min Height:		3.4340" (87.224 MM)	
Intake Hgt:	2.0950-2.1250" (53.213-53.975 MM)		Exhaust Hgt:		2.6100-2.6400" (66.294-67.056 MM)	
Casting Numbers:	Head #:216364, 216364R, 22495HD, 64167, 641678H, 64167H, 6716DB, 9052DA Block #: 116415H, 116415HA, 117712H, 117712HB, 217145					
Notes:	U, B, BD, GAS TRUCK					
Comments:	TRUCK					
NAVISTAR	4.5	275		V-275	05-06	V-275
New Height:	3.710" (95.000 MM)					
Intake Pro / Rec:	.013-.027" V/REC (.330-.686 MM)		Exhaust Pro / Rec:		.013-.027" V/REC (.330-.686 MM)	
Casting Numbers:	Head #:1843030C1 Block #: 1838258C2					
Notes:	TURBO DIESEL					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
NAVISTAR						6 Cylinders (cont.)
NAVISTAR	4.6	282	D	560		D282
New Height:	4.2400-4.2500" (107.696-107.95 MM)			Min Height:	4.2300" (107.442 MM)	
Intake Hgt:	2.240-2.250" REPORTED			Exhaust Hgt:	2.240-2.250" REPORTED	
Intake Pro / Rec:	.003-.046" V/REC (.076-1.168 MM)			Exhaust Pro / Rec:	.003-.046" V/REC (.076-1.168 MM)	
Casting Numbers:	Head #:268368R, 278368, 278368-R4, 323771, 323771R, 323771R31, 323773, 323773R1 Block #: 278262R, 278262R5, 607488C					
Notes:	DIESEL, 560, 656, 660, 706, UD-282 ALSO					
Comments:	* SERIAL # TO 10984 ROTATERS ON EXHAUST ONLY, FROM SERIAL # 10984 ROTATORS ON BOTH VALVES.					
NAVISTAR	4.6	282	G	UTD282	53-70	UTD282
New Height:	4.8590-4.8690" (123.419-123.673 MM)			Min Height:	4.8440" (123.038 MM)	
Intake Hgt:	2.01640-2.0460" (51.217-51.968 MM) *			Exhaust Hgt:	2.0630-2.0930" (52.4-53.162 MM)	
Casting Numbers:	Head #:125917R Block #: 110644R, 110644R1, 110645R, 110645R1, 1106542					
Notes:	GAS, UTD282					
Comments:	*INTAKE INSTALLED STEM HGT=2.1870 WITH LASH CAPS.					
NAVISTAR	4.8	291	C	666, 706, 766		666, 706, 766
New Height:	3.4640-3.4740" (87.986-88.24 MM)			Min Height:	3.4490" (87.605 MM)	
Intake Hgt:	2.3130-2.3430" (58.75-59.512 MM)			Exhaust Hgt:	2.2610-2.2910" (57.429-58.191 MM)	
Casting Numbers:	Head #:278368, 382099R1, 383666R2, 387718R2, 387972R, 390938E Block #: 3951R1, 395983R, 395983R2					
Notes:	GAS, 666, 706, 766 TRACTOR					
NAVISTAR	4.9	301	C	806		806, 2806, 856
New Height:	3.4640-3.4740" (87.986-88.24 MM)			Min Height:	3.4490" (87.605 MM)	
Intake Hgt:	2.3130-2.3430" (58.75-59.512 MM)			Exhaust Hgt:	2.2610-2.2910" (57.429-58.191 MM)	
Casting Numbers:	Head #:383666R, 383666R1, 383666R-1, 383666R-2, 387972R, 390938E Block #: 382096R					
Notes:	GAS, 806, 2806, 856, 2856 TRACTORS					
NAVISTAR	4.9	301	D			
New Height:	4.2400-4.2600" (107.696-108.204 MM)			Min Height:	4.2300" (107.442 MM)	
Intake Pro / Rec:	.003-.046" V/REC (.076-1.168 MM)			Exhaust Pro / Rec:	.003-.046" V/REC (.076-1.168 MM)	
Casting Numbers:	Head #:278368R1, 323771R1, 323771R31, 323773					
Notes:	HOUGH LOADERS					
NAVISTAR	5.0	308	BD	BD308	55-57	BD308
New Height:	4.8590-4.8690" (123.419-123.673 MM)			Min Height:	4.8440" (123.038 MM)	
Intake Hgt:	2.01640-2.0460" (51.217-51.968 MM)			Exhaust Hgt:	2.0630-2.0930" (52.4-53.162 MM)	
Casting Numbers:	Head #:125917R, 278363, 278368, 323771, 323773 Block #: 110644R, 110645R					
Notes:	GAS, BD308					
Comments:	* LEFT FRONT HEAD BOLT IS HOLLOW FOR OIL PASSAGE.					
NAVISTAR	5.0	308	G			
New Height:	4.8590-4.8690" (123.419-123.673 MM)			Min Height:	4.8440" (123.038 MM)	
Intake Hgt:	2.0160-2.0460" (51.206-51.968 MM)			Exhaust Hgt:	2.0630-2.0930" (52.4-53.162 MM)	
Casting Numbers:	Head #:278363, 278368, 323771, 323773, 378368					
Notes:	GAS					
NAVISTAR	5.0	308	U			
New Height:	4.8590-4.8690" (123.419-123.673 MM)			Min Height:	4.8440" (123.038 MM)	
Intake Hgt:	2.0160-2.0460" (51.206-51.968 MM)			Exhaust Hgt:	2.0630-2.0930" (52.4-53.162 MM)	
Casting Numbers:	Head #:278363, 278368, 323771, 323773, 378368					
Notes:	GAS					
NAVISTAR	5.1	310	D-310	706		D310
New Height:	3.8945-3.9000" (98.92-99.06 MM)			Min Height:	3.8795" (98.539 MM)	
Intake Pro / Rec:	.039-.055" V/REC (.991-1.397 MM)			Exhaust Pro / Rec:	.047-.063" V/REC (1.194-1.6 MM)	
Casting Numbers:	Head #:3055, 3055656R1, 3055R1, 31326054R4, 3132605R5, R10616M Block #: 3055004R2					
Notes:	NEUSS DIESEL, 706, 756 TRACTORS					
Comments:	MAX VALVE RECESSON IS .120					
NAVISTAR	5.1	312		HYDRO 70		666, HYDRO 70
New Height:	4.1980-4.2020" (106.629-106.731 MM)			Min Height:	4.1880" (106.375 MM)	
Intake Pro / Rec:	.000-.014" V/REC (-.356 MM)			Exhaust Pro / Rec:	.000-.014" V/REC (-.356 MM)	
Casting Numbers:	Head #:278368, 675542C-2					
Notes:	666, HYDRO 70 & 86 DIESEL TRACTORS					
Comments:	*AFTER SER #SN2504 INTAKE VALVE LASH IS .016 COLD.					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
NAVISTAR				6 Cylinders (cont.)		
NAVISTAR	5.2	318		RED-318		RED-318
New Height:	4.8590-4.8690" (123.419-123.673 MM)			Min Height:	4.8440" (123.038 MM)	
Intake Hgt:	2.501-2.531" (63.525-64.287 MM)			Exhaust Hgt:	2.438-2.468" (61.925-62.687 MM)	
Castings Numbers:	Head #:215726C-1, 215726C-1, 258414C-1, 258414C-1					
Notes:	RED-318, GAS					
NAVISTAR	5.8	354				
New Height:	3.7350-3.7650" (94.869-95.631 MM)			Min Height:	3.7230" (94.564 MM)	
Intake Pro / Rec:	.040-.050" V/REC (1.016-1.27 MM)			Exhaust Pro / Rec:	.040-.050" V/REC (1.016-1.27 MM)	
Castings Numbers:	Head #:3716690-6, 377110740 Block #: 37711404A					
Notes:	PERKINS DIESEL					
Comments:	* SHORT SPRING SPECS: OUTER- I & E:40-44# @1.41", INNER- I & E:20-23# @1.34".					
NAVISTAR	5.8	358	D	826		D358
New Height:	3.8900-3.8910" (98.806-98.831 MM)			Min Height:	3.8800" (98.552 MM)	
Intake Pro / Rec:	.039-.055" V/REC (.991-1.397 MM)			Exhaust Pro / Rec:	.047-.063" V/REC (1.194-1.6 MM)	
Castings Numbers:	Head #:3055655R93, 3055656R1					
Notes:	D/DT 358, NEUSS DIESEL, 826 TRACTOR, TURBO					
NAVISTAR	5.9	360	D(1)	766		D360
New Height:	4.1980-4.2020" (106.629-106.731 MM)			Min Height:	4.1880" (106.375 MM)	
Intake Pro / Rec:	.000-.014" V/REC (.000-.356 MM)			Exhaust Pro / Rec:	.000-.014" V/REC (.000-.356 MM)	
Castings Numbers:	Head #:1810075C-2B16UD, 675544C2 Block #: 675353C2					
Notes:	DIESEL, D360, 766, 866 TRACTOR					
NAVISTAR	5.9	360	DT	DT360	87-94	DT360
New Height:	4.1980-4.2020" (106.629-106.731 MM)			Min Height:	4.1880" (106.375 MM)	
Intake Pro / Rec:	.000-.014" V/REC (.000-.356 MM)			Exhaust Pro / Rec:	.000-.014" V/REC (.000-.356 MM)	
Castings Numbers:	Head #:18097502, 1809954C1, 1810075C2, 675542C-1 SM UD, 675542C1SMUD Block #: 1809929C3					
Notes:	DT/DTA-360 DIESEL TRUCK					
NAVISTAR	5.9	361			49-69	
Intake Hgt:	2.5010-2.5310" (63.525-64.287 MM)			Exhaust Hgt:	2.4380-2.4680" (61.925-62.687 MM)	
Castings Numbers:	Head #:131893R, 215726, 215726R, 82916, 82916R Block #: 215720, 53363R					
Notes:	RD, GAS					
Comments:	WD-9					
NAVISTAR	5.9	361	D	806	60-72	D361
New Height:	5.0980-5.1020" (129.489-129.591 MM)			Min Height:	5.0880" (129.235 MM)	
Intake Pro / Rec:	.000-.023" V/REC (.000-.584 MM)			Exhaust Pro / Rec:	.065-.095" V/PRO (1.651-2.413 MM)	
Castings Numbers:	Head #:345149R, 345149R1, 345149R2, 345149R31					
Notes:	DIESEL 806, 856 TRACTORS, D361, DT361					
NAVISTAR	6.1	372		WD-9	49-69	RD372
Intake Hgt:	2.5010-2.5310" (63.525-64.287 MM)			Min Height:	4.8440" (123.038 MM)	
Exhaust Hgt:				2.4380-2.4680" (61.925-62.687 MM)		
Castings Numbers:	Head #:131892R, 131893R, 215726, 215726C-1, 215726R, 258414C-1, 82916, 82916R Block #: 215720, 53363R					
Notes:	RD372, GAS, WD-9					
NAVISTAR	6.6	401		WD-9	49-69	
New Height:	4.8590-4.8690" (123.419-123.673 MM)			Min Height:	4.8440" (123.038 MM)	
Intake Hgt:	2.5010-2.5310" (63.525-64.287 MM)			Exhaust Hgt:	2.4380-2.4680" (61.925-62.687 MM)	
Castings Numbers:	Head #:131893R, 215726, 215726R, 82916, 82916R Block #: 215720, 53363R					
Notes:	RD, GAS, WD-9					
Comments:	* OIL SUPPLY BOLT = 75-85 FT/LBS					
NAVISTAR	6.7	406		WD-9	49-69	
New Height:	4.8590-4.8690" (123.419-123.673 MM)			Min Height:	4.8440" (123.038 MM)	
Intake Hgt:	2.5010-2.5310" (63.525-64.287 MM)			Exhaust Hgt:	2.4380-2.4680" (61.925-62.687 MM)	
Castings Numbers:	Head #:131893R, 131893R1, 215726, 215726R, 258412C, 82916, 82916R Block #: 215720, 53363R					
Notes:	RD, GAS, WD-9					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
NAVISTAR				6 Cylinders (cont.)		
NAVISTAR	6.7	407	D	856		D407
New Height:	5.0980-5.1020" (129.489-129.591 MM)			Min Height:	5.0880" (129.235 MM)	
Intake Pro / Rec:	-.023 TO +.006" (-.584 TO +.152 MM)			Exhaust Pro / Rec:	.065-.094" V/PRO (1.651-2.388 MM)	
Casting Numbers:	Head #:332024R2, 345149R, 345149R1, 345149R2, 345149R3, 345149R31, 670719C1, 670719C-1					
Notes:	DIESEL, D407, 856 TRACTORS, HOUGH LOADERS					
NAVISTAR	6.7	407	DT	1256		DT407
New Height:	5.0980-5.1020" (129.489-129.591 MM)			Min Height:	5.0880" (129.235 MM)	
Intake Pro / Rec:	-.023 TO +.006" (-.584 TO +.152 MM)			Exhaust Pro / Rec:	.065-.094" V/PRO (1.651-2.388 MM)	
Casting Numbers:	Head #:332024R2, 345149R, 345149R1, 345149R2, 345149R3, 345149R31					
Notes:	DT407, 1256, 1456 & 21456 DIESEL TRACTORS					
NAVISTAR	6.7	408	408	DT408	93-96	DT408
New Height:	4.190-4.210" (106.426-106.934 MM)			Min Height:	4.180" (106.172 MM)	
Intake Pro / Rec:	.000-.014" V/REC (-.356 MM)			Exhaust Pro / Rec:	.000-.014" V/REC (-.356 MM)	
Casting Numbers:	Head #:1818504C4					
Notes:	DT408 DIESEL					
NAVISTAR	6.8	414	D	1066		DT414
New Height:	4.1980-4.2020" (106.629-106.731 MM)			Min Height:	4.1880" (106.375 MM)	
Intake Pro / Rec:	.000-.014" V/REC (.000-.356 MM)			Exhaust Pro / Rec:	.000-.014" V/REC (.000-.356 MM)	
Casting Numbers:	Head #:680426C, 680427C1, 680427C2, 680428C1, A677500C1 Block #: 675500C1, 675500C2, 687264C1					
Notes:	1066, DT414 TURBO/NON					
NAVISTAR	7.0	429	DT	TD20		DT-429
New Height:	5.0980-5.1020" (129.489-129.591 MM)			Min Height:	5.0880" (129.235 MM)	
Intake Pro / Rec:	.065-.081" V/PRO (1.651-2.057 MM)			Exhaust Pro / Rec:	.045-.061" V/PRO (1.143-1.549 MM)	
Casting Numbers:	Head #:323939R1, 323939R-1, 323939R11, 345129R94 Block #: 323885R2					
Notes:	DIESEL, TD20 DOZER					
NAVISTAR	7.1	436	D	1486		
New Height:	4.2020" (106.731 MM)			Min Height:	4.1880" (106.375 MM)	
Intake Pro / Rec:	.000-.014" V/REC (.000-.356 MM)			Exhaust Pro / Rec:	.000-.014" V/REC (.000-.356 MM)	
Casting Numbers:	Head #:680426-C1 Block #: 675500C1, 675500C2, 687264C1					
Notes:	TURBO DIESEL,1486, 1586, 3688 TRACTOR, HYDRO 100					
Comments:	* 75-83# @ 2.007, 207-214# @ 1.497 SBI 160-1190					
NAVISTAR	7.4	450		WD-9	49-69	
New Height:	4.8590-4.8690" (123.419-123.673 MM)			Min Height:	4.8440" (123.038 MM)	
Intake Hgt:	2.5010-2.5310" (63.525-64.287 MM)			Exhaust Hgt:	2.4380-2.4680" (61.925-62.687 MM)	
Casting Numbers:	Head #:131893R, 215726, 215726C-1, 215726R, 258412C, 2588414C-1, 82916, 82916R Block #: 215720, 53363R					
Notes:	RD, GAS, DRY SLEEVE BLOCK, WD-9					
NAVISTAR	7.6	466		DT466	94-96	DT466
New Height:	4.190-4.210" (106.426-106.934 MM)			Min Height:	4.180" (106.172 MM)	
Intake Pro / Rec:	.000-.014" V/REC (.000-.356 MM)			Exhaust Pro / Rec:	.000-.014" V/REC (.000-.356 MM)	
Casting Numbers:	Head #:1822363C1, 1822363C10					
Notes:	DT466 DIESEL, MECHANICAL INJECTION					
NAVISTAR	7.6	466		DT466E	00-04	DT466E
New Height:	5.0500-5.070" (128.270-128.778 MM)			Min Height:	5.040" (128.016 MM)	
Intake Pro / Rec:	.000-.014" V/REC (.000-.356 MM)			Exhaust Pro / Rec:	.000-.014" V/REC (.000-.356 MM)	
Casting Numbers:	Head #:1823914 C2, 182394C1, 184224203					
Notes:	DT466E ELECTRONIC DIESEL					
Comments:	** USE 15W-40 OIL ON BOLTS AND WASHERS, NOTE DO NOT USE CHLORINATED SOLVENTS ON BOLTS OR CRANKCASE TAPPED HOLES. PARTS SHOULD BE CLEAN AND DRY FROM ANY CHEMICAL RESIDUALS OTHER THAN ENGINE OIL.					
NAVISTAR	7.6	466	1990	DT466C	90-93	DT466C
New Height:	4.190-4.210" (106.426-106.934 MM)			Min Height:	4.180" (106.172 MM)	
Intake Pro / Rec:	.000-.014" V/REC (.000-.356 MM)			Exhaust Pro / Rec:	.000-.014" V/REC (.000-.356 MM)	
Casting Numbers:	Block #:1814042C1					
Notes:	DT466C SERIAL #594839 & ABOVE					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
NAVISTAR				6 Cylinders (cont.)		
NAVISTAR	7.6	466	B	DT466B & C	80-90	DT466B
New Height:	4.2020" (106.731 MM)			Min Height:	4.1880" (106.375 MM)	
Intake Pro / Rec:	.000-.014" V/REC (.000-.356 MM)			Exhaust Pro / Rec:	.000-.014" V/REC (.000-.356 MM)	
Castings Numbers:	Head #:680426, 680426C1, 680426C2, 680427C1, 680427C2, 688833, 688833202-A, 688833C1, 688833C2 Block #: 1810739C1					
Notes:	DT466B & C SERIAL #S400001 & ABOVE					
Comments:	FLAT TAPPET CAM.					
NAVISTAR	7.6	466	C	DT466C	88-90	DT466C
New Height:	4.2020" (106.731 MM)			Min Height:	4.1880" (106.375 MM)	
Intake Pro / Rec:	.000-.014" V/REC (.000-.356 MM)			Exhaust Pro / Rec:	.000-.014" V/REC (.000-.356 MM)	
Castings Numbers:	Head #:680426, 680426C1, 680426C2, 680427C1, 680427C2, 688833, 688833202-A, 688833C1, 688833C2 Block #: 1810739C1					
Notes:	DT466C SERIAL # 439618 & ABOVE					
Comments:	FLAT TAPPET CAM.					
NAVISTAR	7.6	466	DT	DT466B	49-76	DT466B
New Height:	4.2020" (106.731 MM)			Min Height:	4.1880" (106.375 MM)	
Intake Pro / Rec:	.000-.014" V/REC (.000-.356 MM)			Exhaust Pro / Rec:	.000-.014" V/REC (.000-.356 MM)	
Castings Numbers:	Head #:680426, 680427C2, 688833, 688833202-A Block #: 1802330C1, 1802330C2, 675500C3, 675500C4					
Notes:	DT466B SERIAL #400000 & BELOW					
Comments:	FLAT TAPPET CAM.					
NAVISTAR	7.6	466	E	DT466E	97-99	DT466E
New Height:	5.050-5.070" (128.27-128.778 MM)			Min Height:	5.040" (128.016 MM)	
Intake Pro / Rec:	.000-.014" V/REC (.000-.356 MM)			Exhaust Pro / Rec:	.000-.014" V/REC (.000-.356 MM)	
Castings Numbers:	Head #:1823914 C2, 1827113-C1 Block #: 1820494C1					
Notes:	DT466E DIESEL, ELECTRONIC FUEL INJ					
Comments:	** 1ST 100 FT/LBS, 2ND STEP 130 FT/LBS, 4TH 130 FT/LBS +90°, USE 15W-40 OIL ON BOLTS AND WASHERS, NOTE DO NOT USE CHLORINATED SOLVENTS ON BOLTS OR CRANKCASE TAPPED HOLES. PARTS SHOULD BE CLEAN AND DRY FROM ANY CHEMICAL RESIDUALS OTHER THAN ENGINE OIL.					
NAVISTAR	8.2	501			49-69	
New Height:	4.8590-4.8690" (123.419-123.673 MM)			Min Height:	4.8440" (123.038 MM)	
Intake Hgt:	2.5010-2.5310" (63.525-64.287 MM)			Exhaust Hgt:	2.4380-2.4680" (61.925-62.687 MM)	
Castings Numbers:	Head #:131893R, 215726, 215726C-1, 215726R, 258412C, 258414V-1, 82916, 82916R Block #: 131884R, 215721R					
Notes:	RD, GAS					
Comments:	WD-9					
NAVISTAR	8.2	502	DT		49-69	
New Height:	4.9980-5.0020" (126.949-127.051 MM)			Min Height:	4.9680" (126.187 MM)	
Intake Pro / Rec:	.023-.055" V/REC (.584-1.397 MM)			Exhaust Pro / Rec:	.023-.055" V/REC (.584-1.397 MM)	
Castings Numbers:	Head #:252571, 252572, 318141, 318142					
Notes:	DIESEL TRUCK					
Comments:	TRUCK					
NAVISTAR	8.7	530		530	93-96	530
New Height:	4.190-4.210" (106.426-106.934 MM)			Min Height:	4.180" (106.172 MM)	
Intake Pro / Rec:	.000-.014" V/REC (.000-.356 MM)			Exhaust Pro / Rec:	.000-.014" V/REC (.000-.356 MM)	
Notes:	530 DIESEL					
NAVISTAR	8.7	530	E	530	97-04	530
New Height:	5.050-5.070" (128.27-128.778 MM)			Min Height:	5.0400" (128.016 MM)	
Intake Pro / Rec:	.000-.014" V/REC (.000-.356 MM)			Exhaust Pro / Rec:	.000-.014" V/REC (.000-.356 MM)	
Castings Numbers:	Head #:1823914C1, 1823914C2					
Notes:	530 ELECTRONIC DIESEL					
NAVISTAR	9.1	554		TD18		TD18
New Height:	4.9980-5.0020" * (126.949-127.051 MM)			Min Height:	4.9680" (126.187 MM)	
Intake Pro / Rec:	.023-.055" V/REC (.584-1.397 MM)			Exhaust Pro / Rec:	.023-.055" V/REC (.584-1.397 MM)	
Castings Numbers:	Head #:259890, 259891, 3233939					
Notes:	TD18 SERIES					
Comments:	TD-18A REAR HEAD * REPORTED THICKNESS 5.577" VALVE REC. INTAKE .096-.113" INTAKE VALVE # 42747 DD AND EXHAUST REC. 065-076" VALVE # 32482 DH WITH CONVEX HEAD.					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
NAVISTAR						6 Cylinders (cont.)
NAVISTAR	9.6	585		TD20		TD20
New Height:	4.9980-5.0020" (126.949-127.051 MM) *			Min Height:	4.9680" (126.187 MM)	
Intake Pro / Rec:	.023-.055" V/REC (.584-1.397 MM)			Exhaust Pro / Rec:	.023-.055" V/REC (.584-1.397 MM)	
Casting Numbers:	Head #:251137, 251137R, 251138, 251138R, 259890, 259891, 316306, 316307, 323939, 332443, 332444, 345129, 345149, 5938DA, 5967DA, 5968DZ					
Notes:	TD SERIES, TD-20					
Comments:	* REPORTED THICKNESS 5.577" VALVE REC. INTAKE .096-.113" INTAKE VALVE # 42747 DD AND EXHAUST REC. 065-076" VALVE # 32482 DH WITH CONVEX HEAD.					
NAVISTAR	11.3	691				
New Height:	4.9980-5.0020" * (126.949-127.051 MM)			Min Height:	4.9680" (126.187 MM)	
Intake Pro / Rec:	.022-.055" V/REC (.559-1.397 MM)			Exhaust Pro / Rec:	.022-.055" V/REC (.559-1.397 MM)	
Casting Numbers:	Head #:259890, 259891, 5967DA, 5968DA, 682926, 682927, 682927C1 Block #: 254475R2					
Notes:	TD SERIES					
Comments:	TD18 * REPORTED THICKNESS 5.577" VALVE REC. INTAKE .096-.113" INTAKE VALVE # 42747 DD AND EXHAUST REC. 065-076" VALVE # 32482 DH WITH CONVEX HEAD.					
NAVISTAR	13.4	817		A SERIES		D817 A SERIE
New Height:	4.9980-5.0020" (126.949-127.051 MM)			Min Height:	4.9680" (126.187 MM)	
Intake Pro / Rec:	.023-.038" V/REC (.584-.965 MM)			Exhaust Pro / Rec:	.023-.038" V/REC (.584-.965 MM)	
Casting Numbers:	Head #:250523R, 258936R, 258937R, 260227, 260228, 277139, 277140, 341275, 341275R22, 341276, 341276R22, 341661R, 341662R, 670351C1, 670352C1 Block #: 687102C1					
Notes:	D & DT-817 A SERIES					
Comments:	* USE .115-.121 FOR INTAKES W/OUT INSERT					
NAVISTAR	13.4	817	817-B	B SERIES		D817 B SERIE
New Height:	4.9980-5.0020" (126.949-127.051 MM)			Min Height:	4.9680" (126.187 MM)	
Intake Pro / Rec:	.023-.038" V/REC (.584-.965 MM)			Exhaust Pro / Rec:	.023-.038" V/REC (.584-.965 MM)	
Casting Numbers:	Head #:250523R, 258936R, 258937R, 260227, 260228, 277139, 277140, 341275, 341276, 341661R, 341662R, 670351C1, 670352C1 Block #: 687102C1					
Notes:	D & DT-817 B SERIES					
Comments:	* USE .115-.121 FOR INTAKES W/OUT INSERT					
NAVISTAR	13.4	817	817-C	C SERIES		D817 C SERIE
New Height:	4.9980-5.0020" (126.949-127.051 MM)			Min Height:	4.9680" (126.187 MM)	
Intake Pro / Rec:	.020-.032" V/PRO (.508-.813 MM)			Exhaust Pro / Rec:	.020-.032" V/PRO (.508-.813 MM)	
Casting Numbers:	Head #:250523R, 258936R, 258937R, 260227, 260228, 277139, 277140, 341275, 341276, 341661R, 341662R, 670351C1, 670352C1, 682925C1, 682927C-1, A68296-C1 Block #: 687102C1					
Notes:	D & DT-817 C SERIES & 818 SERIES					
Comments:	* USE .115-.121 FOR INTAKES W/OUT INSERT					
NAVISTAR	17.9	1,091		TD24		TD24
New Height:	4.9980-5.0020" (126.949-127.051 MM)			Min Height:	4.9680" (126.187 MM)	
Intake Pro / Rec:	.023-.055" V/REC (.584-1.397 MM)			Exhaust Pro / Rec:	.023-.055" V/REC (.584-1.397 MM)	
Casting Numbers:	Head #:308368R1, 308369R1					
Notes:	TD24, TD1091					
NAVISTAR						8 Cylinders
NAVISTAR	3.7	226				62-69
New Height:	3.4640-3.4740" (87.986-88.24 MM)			Min Height:	3.4490" (87.605 MM)	
Intake Hgt:	2.3130-2.3430" (58.75-59.512 MM)			Exhaust Hgt:	2.2610-2.2910" (57.429-58.191 MM)	
Casting Numbers:	Head #:319772C-2					
Comments:	ANGLED VALVES			TRUCK		
NAVISTAR	4.3	266	266		66-71	266 GAS
New Height:	3.444-3.448" (87.478-87.579 MM)			Min Height:	3.434" (87.224 MM)	
Intake Hgt:	2.095-2.125" (53.213-53.975 MM)			Exhaust Hgt:	2.610-2.640" (66.294-67.056 MM)	
Casting Numbers:	Head #:216364, 337125 Block #: 217145R2					
Notes:	266, GAS					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
NAVISTAR						8 Cylinders (cont.)
NAVISTAR	5.0	304		304A	58-80	304A
New Height:	3.4440-3.4480" (87.478-87.579 MM)			Min Height:	3.4340" (87.224 MM)	
Intake Hgt:	2.0950-2.125" (53.213-53.975 MM)			Exhaust Hgt:	2.6100-2.640" (66.294-67.056 MM)	
Castings Numbers:	Head #:215591R, 215591R1, 215591R91, 215592R91, 216368, 216368R, 337126, 361665, 361665C, 361665C-1, 387126, 391933, 391933C1, 433056C1, 433056R, 483066C Block #: 217144, 217144R, 217144R4					
Notes:	304A GAS					
NAVISTAR	5.7	345			76-81	
New Height:	3.4440-3.4480" (87.478-87.579 MM)			Min Height:	3.4340" (87.224 MM)	
Intake Hgt:	2.0950-2.125" (53.213-53.975 MM)			Exhaust Hgt:	2.6100-2.640" (66.294-67.056 MM)	
Castings Numbers:	Head #:1700306, 1700317C91, 1700376, 216363, 216363R, 359489, 359489C, 359489C1, 359489C2, 359489C3, 432089, 432089C, 432089C2, 432090C92, 432091, 443212 Block #: 141023, 151023, 151023R, 151023R5, 309507					
Notes:	H/D GAS					
Comments:	* INSTALLED SPRING HEIGHT NOT SUPPLIED FROM INTERNATIONAL USING SBI SPRINGS REPORTED ID 2605 4-12-02 MC				85 LBS @ 1.800-1.810"	
NAVISTAR	6.0	365		V365	03-05	V-365
New Height:	3.740" (95.000 MM)					
Intake Pro / Rec:	.013-.027" V/REC (.330-.686 MM)			Exhaust Pro / Rec:	.013-.027" VREC (.330-.686 MM)	
Castings Numbers:	Head #:1843030C1, 1843080C1 Block #: 1838258C2					
Notes:	TURBO DIESEL					
NAVISTAR	6.4	392			56-83	
New Height:	3.4440-3.4480" (87.478-87.579 MM)			Min Height:	3.4340" (87.224 MM)	
Intake Hgt:	2.0950-2.125" (53.213-53.975 MM)			Exhaust Hgt:	2.6100-2.640" (66.294-67.056 MM)	
Castings Numbers:	Head #:1700320C91, 216365, 218365R, 361667, 379295, 379295C, 4052839R91, 4052839R92, 405283R92, 433010, 433010C2, 433011-C2, 433011C92, 433012, 434513, 434513C, 434513C1, 434514, 434514C, 434514C1, 434514C2, 434515, 434515C92, 439513C1, 444663, 444663C1, 48410C1 Block #: 151339, 151339R, 343507C1, 343507C2, 343782C91, 434507, 434507C2, 436782C91, 51339R					
Notes:	GAS					
Comments:	CONTOURED PISTON, TRUCK * REPORTED .025-.040" OVER MAX INSTALLED HEIGHT ON PERFECT LOW MILAGE HEADS INTERNATIONAL ** INSTALLED SPRING HEIGHT NOT SUPPLIED BY					
NAVISTAR	6.5	401	UV			
Min Height:	4.362" (110.795 MM)					
Notes:	HD, GAS					
NAVISTAR	6.5	401	V		62-74	
New Height:	4.3720-4.3780" (111.049-111.201 MM)			Min Height:	4.3620" (110.795 MM)	
Intake Hgt:	2.7350-2.7650" (69.469-70.231 MM)			Exhaust Hgt:	2.7040-2.7340" (68.682-69.444 MM)	
Castings Numbers:	Head #:133503, 286527C1, 286545C1, 286545R1					
Notes:	GAS					
NAVISTAR	6.6	401	AMC		75-84	
New Height:	3.2720-3.2920** (83.109-83.617 MM)			Min Height:	3.2670" (82.982 MM)	
Intake Hgt:	2.3750-2.4100" (60.325-61.214 MM)			Exhaust Hgt:	2.3750-2.4100" (60.325-61.214 MM)	
Castings Numbers:	Head #:3196291, 3212993, 3216090 Block #: 3195529					
Notes:	AMC/JEEP SCOUT					
Comments:	* HEAD THICKNESS MEASURED AT EXHAUST SIDE OF HEAD BOLT HOLE.					
NAVISTAR	6.6	404	MV		80-86	
New Height:	3.2720-3.2920" (83.109-83.617 MM) *			Exhaust Hgt:	2.3750-2.4100" (60.325-61.214 MM) **	
Intake Hgt:	2.3750-2.4100" (60.325-61.214 MM) **					
Castings Numbers:	Head #:446846, 446899, 846899 Block #: 446402C1					
Notes:	GAS, TRUCK					
Comments:	* HEAD THICK MEAS @ EXHAUST SIDE HD/BOLT BOS EPORTED:INT=2.345-2.350" EXH=2.455-2.475" S/PADS MAY VARY HEIGHT. MEMBER #19369 08-31-2004 MC				** R	
NAVISTAR	6.9	420	D		83-88	
New Height:	4.7950-4.8050" (121.793-122.047 MM)			Min Height:	4.7950" (121.793 MM)	
Intake Hgt:	5.7250-5.7350" (145.415-145.669 MM) *			Exhaust Hgt:	5.7250-5.7350" (145.415-145.669 MM) *	
Intake Pro / Rec:	.042-.054" V/REC (1.067-1.372 MM)			Exhaust Pro / Rec:	.046-.058" V/REC (1.168-1.473 MM)	
Castings Numbers:	Head #:1805296, 1805296C1, 1805296C4, 1805420C1, 1805855, 1805855C1, 1805855C2, 1809199, 1809199C1, 1809215, 1809215C1 Block #: 1805440C1, 1807996C1					
Notes:	DIESEL, FORD TRUCK					
Comments:	* INSTALLED VALVE STEM HEIGHT MEASURED FROM HEAD DECK SURFACE TO THE TIP OF VALVE					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
NAVISTAR						8 Cylinders (cont.)
NAVISTAR	7.3	444	D		88-94	
New Height:	4.795-4.805" (121.793-122.047 MM)			Min Height:	4.795" (121.793 MM)	
Intake Hgt:	5.725-5.735" * (145.415-145.669 MM)			Exhaust Hgt:	5.725-5.735" * (145.415-145.669 MM)	
Intake Pro / Rec:	.042-.054" V/REC (1.067-1.372 MM)			Exhaust Pro / Rec:	.051-.063" V/REC (1.295-1.6 MM)	
Castings Numbers:	Head #: 1808030-C1, 1809030, 1809030C1, 1809030C3, 1809032C93 Block #: 1809000 C-3, 1809000C1, 18092223C94					
Notes:	DIESEL, FORD TRUCK					
Comments:	* INSTALLED VALVE STEM HEIGHT MEASURED FROM HEAD DECK SURFACE TO THE TIP OF VALVE HAVE RECEIVED REPORT OF 5.300-5.305" 09/25/01 MEMBER # 22975 MC ** NEW VALVE GUIDE ID: .374-.375					
NAVISTAR	7.3	444	T444E	T444E	94-04	A160,175&190F
New Height:	5.0950-5.1050" (129.413-129.667 MM)			Min Height:	5.0950" (129.413 MM)	
Intake Hgt:	2.2750-2.2850" (57.785-58.039 MM) **			Exhaust Hgt:	2.2300-2.2400" (56.642-56.896 MM)	
Intake Pro / Rec:	.046-.058" V/REC (1.168-1.473 MM)			Exhaust Pro / Rec:	.052-.064" V/REC (1.321-1.626 MM)	
Castings Numbers:	Head #: 1818303C2 Block #: 1818270C2					
Notes:	T444E, TURBO DIESEL, ELECTRONIC, DI					
Comments:	** 2.230" REPORTED 6-01					
NAVISTAR	7.3	446	MV		74-82	
New Height:	3.2720-3.2920" (83.109-83.617 MM) *			Exhaust Hgt:	2.3750-2.4100" (60.325-61.214 MM) **	
Intake Hgt:	2.3750-2.4100" (60.325-61.214 MM) **					
Castings Numbers:	Head #: 446846, 446899, 846899 Block #: 446402C1					
Notes:	GAS, TRUCK					
Comments:	*HEAD THICK MEAS @ EXH SIDE HD/BOLT BOSS READINGS MADE W/NEW HEAD & VALVES.			**SPRING PAD HEIGHTS MAY VARY, AVERAGE MEASURED 2.350" ON INTAKE & 2.455" ON EXHAUST		
NAVISTAR	7.5	461	UV		56-68	
New Height:	4.3720-4.3780" (111.049-111.201 MM)			Min Height:	4.3620" (110.795 MM)	
Intake Hgt:	2.7350-2.7650" (69.469-70.231 MM)			Exhaust Hgt:	2.7040-2.7340" (68.682-69.444 MM)	
Castings Numbers:	Head #: 133446R, 133466R					
Notes:	HD GAS					
Comments:	HD TRUCK SODIUM VALVES					
NAVISTAR	7.6	462	DV		56-68	
New Height:	4.6220-4.6280" (117.399-117.551 MM)			Min Height:	*	
Intake Pro / Rec:	.047-.077" V/REC (1.194-1.956 MM)			Exhaust Pro / Rec:	.018-.038" V/REC (.457-.965 MM)	
Castings Numbers:	Block #: 133467					
Notes:	V8 DIESEL					
Comments:	* GRINDING NOT RECOMMENDED					
NAVISTAR	7.8	478			56-78	
New Height:	4.3720-4.3780" (111.049-111.201 MM)			Min Height:	4.3620" (110.795 MM)	
Intake Hgt:	2.7350-2.7650" (69.469-70.231 MM)			Exhaust Hgt:	2.7040-2.7340" (68.682-69.444 MM)	
Castings Numbers:	Head #: 286527C1, 286545C1, 312579C1, 312580C1, 312587C1 Block #: 133440R, 133460R, 133466, 133466R, 163466					
Notes:	HD, GAS					
NAVISTAR	8.8	537			75-82	
New Height:	4.6250" (117.475 MM)			Min Height:	4.5750" (116.205 MM)	
Intake Hgt:	2.5100-2.5400" (63.754-64.516 MM)			Exhaust Hgt:	2.5100-2.5400" (63.754-64.516 MM)	
Castings Numbers:	Head #: 448239C1 Block #: 448342C1					
Notes:	HD, GAS					
NAVISTAR	9.0	549	G		60-78	
New Height:	4.3720-4.3780" (111.049-111.201 MM)			Min Height:	4.3620" (110.795 MM)	
Intake Hgt:	2.7350-2.7650" (69.469-70.231 MM)			Exhaust Hgt:	2.7040-2.7340" (68.682-69.444 MM)	
Castings Numbers:	Head #: 133446, 133446R, 133446R1, 133466R, 134466R, 260869, 286527, 286527C1, 286527C-1, 286545C1, 353933C1, 386545C-1, 448239C1 Block #: 133460R, 133466, 133466R					
Notes:	HD, GAS					
Comments:	HD TRUCK SODIUM VALVES					
NAVISTAR	9.0	550	DV	1468		D170
New Height:	4.6220-4.6280" (117.399-117.551 MM)			Min Height:	4.6170" (117.272 MM) *	
Intake Pro / Rec:	.047-.077" V/REC (1.194-1.956 MM)			Exhaust Pro / Rec:	.018-.038" V/REC (.457-.965 MM)	
Castings Numbers:	Head #: 353933C, 353933C1, 353933C2 Block #: 279032C5					
Notes:	DIESEL D170, 1468 TRACTOR					
Comments:	* HEAD GASKET PN1811990C1					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
NAVISTAR				8 Cylinders (cont.)		
NAVISTAR	9.0	551	D		78-85	
New Height:	4.6230-4.6280" (117.424-117.551 MM)			Min Height:	4.6170" (117.272 MM) *	
Intake Pro / Rec:	.047-.067" V/REC (1.194-1.702 MM)**			Exhaust Pro / Rec:	.018-.038" V/REC (.457-.965 MM)**	
Casting Numbers:	Head #: 489035C3, 489035C-3, 489095, 489095C3, 489095C-3 Block #: 489082C1, 489083C1					
Notes:	LATE MODEL DIESEL TRUCK					
Comments:	BALL END TIP ON VALVE * HEAD GASKET PN 1811990C1 ** MEASURE TO THE CLOSEST POINT OF VALVE HEAD TO DECK.					
NAVISTAR	9.4	573	D	TD20		TD20
New Height:	5.0980-5.1020" * (129.489-129.591 MM)			Min Height:	5.0880" (129.235 MM)	
Intake Pro / Rec:	.065-.081" V/PRO (1.651-2.057 MM)			Exhaust Pro / Rec:	.045-.061" V/PRO (1.143-1.549 MM)	
Casting Numbers:	Head #: 332222, 371300C-3, 632222R1, 6731300C2, 673132					
Notes:	OLD TD20 TRACTOR					
Comments:	* REPORTED THICKNESS 5.577" VALVE REC. INTAKE .096-.113" INTAKE VALVE # 42747 DD AND EXHAUST REC. 065-076" VALVE # 32482 DH WITH CONVEX HEAD.					
NAVISTAR	9.4	573	DVT			
New Height:	5.0980-5.1020" (129.489-129.591 MM)			Min Height:	5.0880" (129.235 MM)	
Intake Pro / Rec:	.065-.081" V/PRO (1.651-2.057 MM)			Exhaust Pro / Rec:	.045-.061" V/PRO (1.143-1.549 MM)	
Casting Numbers:	Head #: 371300C-3, 632222R1, 671300C3, 673132					
Notes:	DIESEL					
NAVISTAR	9.4	574	UDT			
New Height:	5.0980-5.1020" (129.489-129.591 MM)			Min Height:	5.0880" (129.235 MM)	
Intake Pro / Rec:	.065-.081" V/PRO (1.651-2.057 MM)			Exhaust Pro / Rec:	.045-.061" V/PRO (1.143-1.549 MM)	
Casting Numbers:	Head #: 332222R1, 632222R1, 671300C-3					
Notes:	DIESEL					
NAVISTAR	9.9	605				
New Height:	4.6250" (117.475 MM)			Min Height:	4.5750" (116.205 MM)	
Intake Hgt:	2.3750-2.4050" (60.325-61.087 MM)			Exhaust Hgt:	2.4070-2.4370" (61.138-61.9 MM)	
Casting Numbers:	Head #: 443008, 448008					
Notes:	HD, GAS					
NAVISTAR	13.1	800	DVT	4586		
New Height:	5.098-5.102" (129.489-129.591 MM)			Min Height:	5.088" (129.235 MM)	
Intake Pro / Rec:	.047-.057" V/REC (1.194-1.448 MM)			Exhaust Pro / Rec:	.060-.070" V/REC (1.524-1.778 MM)	
Casting Numbers:	Head #: 676300C-2, 676848, 685313C1, 685313C-1					
Notes:	DIESEL, 4586 TRACTOR					
NISSAN				3 Cylinders		
NISSAN	1.6	99		SD-16		SD-16
New Height:	3.5433" (90. MM)			Min Height:	3.5313" (89.695 MM)	
Intake Pro / Rec:	.030" V/REC (.762 MM)			Exhaust Pro / Rec:	.030" V/REC (.762 MM)	
Notes:	DIESEL, SD-16					
NISSAN				4 Cylinders		
NISSAN	1.2	72	A12		72	A12
New Height:	2.8250-2.8300" (71.755-71.882 MM)					
Casting Numbers:	Head #: 132, 259, 460 Block #: 20029541, 21126-A30, H10, M08					
Notes:	2BC					
Comments:	STEM END REFACE LIMIT .020 I & E					
NISSAN	1.2	72	A12		73	A12
New Height:	2.8250-2.8300" (71.755-71.882 MM)					
Casting Numbers:	Head #: 132, 259, 460 Block #: 20029541, 21126-A30, H10, M08					
Notes:	2BC					
Comments:	STEM END REFACE LIMIT .020 I & E					
NISSAN	1.2	76	A12A		80	A12A
New Height:	2.913" (73.99 MM)					
Notes:	2BC					
Comments:	STEM END REFACE LIMIT .020 I & E					
NISSAN	1.2	76	A12A		81-82	A12A
New Height:	2.913" (73.99 MM)					
Notes:	2BC					
Comments:	STEM END REFACE LIMIT .020 I & E					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
NISSAN				4 Cylinders		(cont.)
NISSAN	1.3	79	A13		74	A13
New Height: 2.913" (73.99 MM)						
Casting Numbers: Head #:259, 7319K Block #: H62						
Notes: 2BC						
Comments: STEM END REFACE LIMIT .020 I & E						
NISSAN	1.4	85	A14	210	79-80	A14
New Height: 2.9190-2.9250" (74.143-74.295 MM)						
Casting Numbers: Head #:990458, H7240, H-95 Block #: H72						
Notes: 2BC, 210						
Comments: STEM END REFACE LIMIT .020 I & E						
NISSAN	1.4	85	A14	210	81-82	A14
New Height: 2.9190-2.9250" (74.143-74.295 MM)						
Casting Numbers: Head #:855, 990458, H7240, H-95 Block #: H72						
Notes: 2BC, 210						
Comments: STEM END REFACE LIMIT .020 I & E						
NISSAN	1.4	85	A14	B210	75-77	A14
New Height: 2.913" (73.99 MM)						
Casting Numbers: Head #:990458, H72, H7240 Block #: H72						
Notes: 2BC, B210, F10						
Comments: STEM END REFACE LIMIT .020 I & E						
NISSAN	1.4	85	A14	B210	78	A14
New Height: 2.9190-2.9250" (74.143-74.295 MM)						
Casting Numbers: Head #:990458, H7240, H-95 Block #: H72						
Notes: 2BC, B210, F10						
Comments: STEM END REFACE LIMIT .020 I & E						
NISSAN	1.5	91	A15	210	79-80	A15
New Height: 2.9190" (74.143 MM)						
Casting Numbers: Head #:H-95						
Notes: 2BC, 210, 310						
Comments: STEM END REFACE LIMIT .020 I & E						
NISSAN	1.5	91	A15	210	81-82	A15
New Height: 2.9190" (74.143 MM)						
Casting Numbers: Head #:H-95						
Notes: 2BC, 210, 310						
Comments: STEM END REFACE LIMIT .020 I & E						
NISSAN	1.5	91	E15	PULSAR	82-83	E15
New Height: 4.7240" (119.99 MM)						
Casting Numbers: Head #:11M-14 Block #: E15S						
Notes: 2BC, PULSAR, SENTRA, 310						
Comments: STEM END REFACE LIMIT .008 I & E						
NISSAN	1.6	97	A	SENTRA	91-98	GA16DE
New Height: 4.6380-4.6460" (117.805-118.008 MM)						
Intake Hgt: 1.430-1.440" (36.322-36.576 MM) *						
Casting Numbers: Head #:57Y, 603A Block #: GA16DE						
Notes: DOHC, SENTRA, EFI						
Comments: VALVE STEM END REFACE LIMIT .020" * REPORTED						
NISSAN	1.6	97	CA16D		87	CA16DE
New Height: 4.957-4.965" (125.908-126.111 MM) *						
Intake Hgt: 1.5450-1.5650" (39.243-39.751 MM)						
Casting Numbers: Head #:3R, 51E, 51MIR, 55M, 51E Block #: CA16DE						
Notes: DOHC, NON-FREE WHEELING, 16 VALVE						
Comments: * HEAD THICKNESS MEASURED FROM CENTER OF CAM TO DECK.						

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
NISSAN				4 Cylinders (cont.)		
NISSAN	1.6	97	E16	PULSAR	83-86	E16
New Height:	4.7200-4.7240" (119.888-119.99 MM)			Min Height:	4.7120" (119.685 MM)	
Intake Hgt:	1.7650-1.7950" (44.831-45.593 MM)			Exhaust Hgt:	1.6600-1.6900" (42.164-42.926 MM)	
Casting Numbers:	Head #:11M, 11M6R, 31M, 33M Block #: 11M, E16S					
Notes:	SOHC, 2BC, SENTRA, PULSAR					
Comments:	* STEM END REFACE LIMIT .008 I & E					
NISSAN	1.6	97	E16I		86-88	E16I
New Height:	4.7200-4.7240" (119.888-119.99 MM)			Min Height:	4.7120" (119.685 MM)	
Intake Hgt:	1.7650-1.7950" (44.831-45.593 MM)			Exhaust Hgt:	1.6600-1.6900" (42.164-42.926 MM)	
Casting Numbers:	Head #:11M, 11M6R, 31M, 33M Block #: E16, E16I					
Notes:	SOHC, SPI					
Comments:	STEM END REFACE LIMIT .008 I & E					
NISSAN	1.6	97	E16S		86-88	E16S
New Height:	4.7200-4.7240" (119.888-119.99 MM)			Min Height:	4.7120" (119.685 MM)	
Intake Hgt:	1.7650-1.7950" (44.831-45.593 MM)			Exhaust Hgt:	1.6600-1.6900" (42.164-42.926 MM)	
Casting Numbers:	Head #:11M, 11M6R, 31M, 33M Block #: E16S					
Notes:	SOHC, 2BC					
Comments:	STEM END REFACE LIMIT .008 I & E					
NISSAN	1.6	97	GA16I	SENTRA	89-90	GA16I
New Height:	4.7480-4.7560" (120.599-120.802 MM)			Min Height:	4.7400" (120.396 MM)	
Intake Hgt:	1.8050-1.8350" (45.847-46.609 MM)			Exhaust Hgt:	1.8700-1.8900" (47.498-48.006 MM)	
Casting Numbers:	Head #:84A, 84A-1006P Block #: GA16I					
Notes:	SOHC, EFI, SENTRA, 12 VALVE HEAD					
NISSAN	1.6	97	L16		72	L16
New Height:	4.248" (107.899 MM)					
Notes:	2BC					
Comments:	STEM END REFACE LIMIT .020 I & E ** ROCKER RATIO 1.50:1					
NISSAN	1.6	97	L16		73	L16
New Height:	4.248" (107.899 MM)					
Notes:	2BC					
Comments:	STEM END REFACE LIMIT .020 I & E					
NISSAN	1.7	102	CD17	SENTRA	83-87	CD17
New Height:	5.4350-5.4450" (138.049-138.303 MM)					
Intake Pro / Rec:	.050-.060" V/REC (1.27-1.524 MM)			Exhaust Pro / Rec:	.050-.060" V/REC (1.27-1.524 MM)	
Casting Numbers:	Head #:16A					
Notes:	DIESEL, SENTRA					
Comments:	STEM END REFACE LIMIT .020 I & E					
NISSAN	1.8	108	A	SENTRA	00-04	QG18D
New Height:	4.638-4.646" (117.800-118.000 MM)					
Intake Hgt:	1.4154-1.4390" (35.950-36.550 MM)			Exhaust Hgt:	1.4142-1.4378" (35.920-36.520 MM)	
Notes:	MFI, DOHC, SENTRA					
Comments:	* HEAD TORQUE: BOLTS #1-10: 22,43 FT/LBS, LOOSEN, THEN 22 FT/LBS, +50-55r. BOLTS #11-14: 56-74 INCH/LBS.					
NISSAN	1.8	108	L18		73-74	L18
New Height:	4.248" (107.899 MM)					
Casting Numbers:	Head #:A87					
Notes:	OHC, 2BC					
Comments:	STEM END REFACE LIMIT .020 I & E ** ROCKER RATIO 1.50:1					
NISSAN	1.8	110	CA18D	PULSAR	88-89	CA18DE
New Height:	4.9570-4.9650" (125.908-126.111 MM) *			Min Height:	4.9490" (125.705 MM) *	
Intake Hgt:	1.545-1.565" (39.243-39.751 MM)			Exhaust Hgt:	1.535-1.550" (38.989-39.37 MM)	
Casting Numbers:	Head #:51E Block #: CA18D					
Notes:	DOHC, EFI, PULSAR, 16 VALVE					
Comments:	* MEASURED FROM CAM CENTERLINE-DECK			STEM END REFACE LIMIT .008 I & E		

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
NISSAN				4 Cylinders (cont.)		
NISSAN	1.8	110	CA18E		84-86	CA18ET
New Height:	4.598" (116.789 MM)					
Intake Hgt:	1.3350" (33.909 MM)			Exhaust Hgt:	1.3350" (33.909 MM)	
Casting Numbers:	Block #:57097, CA18ET					
Notes:	SOHC, TURBO, EFI					
Comments:	STEM END REFACE LIMIT .008 I & E					
NISSAN	1.8	110	CA18E		87-88	CA18ET
New Height:	4.598" (116.789 MM)			Min Height:	4.587" (116.51 MM)	
Intake Hgt:	1.8350-1.8650" (46.609-47.371 MM)			Exhaust Hgt:	1.8350-1.8650" (46.609-47.371 MM)	
Notes:	VIN CA18ET, TURBO, EFI					
Comments:	STEM END REFACE LIMIT .008 I & E					
NISSAN	2.0	119	L20B	510	74-79	L20B
New Height:	4.260" (108.204 MM)			Min Height:	4.245" (107.823 MM)	
Casting Numbers:	Head #:N58, U67, W57					
Notes:	2BC, 510, 610, 710, 720 P/UP, 200SX					
Comments:	STEM END REFACE LIMIT .020 I & E ** ROCKER RATIO 1.50:1					
NISSAN	2.0	119	L20B		80-80	L20B
New Height:	4.260" (108.204 MM)					
Casting Numbers:	Head #:W57, W-58					
Notes:	2BC					
Comments:	VALVE STEM END REFACE LIMIT .020					
NISSAN	2.0	119	Z20		84-86	Z20
New Height:	3.886-3.902" (98.704-99.111 MM)			Min Height:	3.878" (98.501 MM)	
Intake Hgt:	1.750" (44.45 MM)			Exhaust Hgt:	1.750" (44.45 MM)	
Casting Numbers:	Head #:10W					
Notes:	2BC, PICKUP					
Comments:	STEM END REFACE LIMIT .020 I & E					
NISSAN	2.0	119	Z20E	200SX	80	Z20E
New Height:	3.886-3.902" (98.704-99.111 MM)			Min Height:	3.878" (98.501 MM)	
Intake Hgt:	1.750" (44.45 MM)			Exhaust Hgt:	1.750" (44.45 MM)	
Notes:	EFI, 200SX					
Comments:	STEM END REFACE LIMIT .020 I & E					
NISSAN	2.0	119	Z20E	200SX	81	Z20E
New Height:	3.886-3.902" (98.704-99.111 MM)			Min Height:	3.878" (98.501 MM)	
Intake Hgt:	1.750" (44.45 MM)			Exhaust Hgt:	1.750" (44.45 MM)	
Notes:	EFI, 200SX					
Comments:	STEM END REFACE LIMIT .020 I & E					
NISSAN	2.0	119	Z20S	510	80	Z20S
New Height:	3.886-3.892" (98.704-98.857 MM)			Min Height:	3.878" (98.501 MM)	
Notes:	2BC, 510 P/UP					
Comments:	STEM END REFACE LIMIT .020 I & E					
NISSAN	2.0	119	Z20S	510	81	Z20S
New Height:	3.886-3.8920" (98.704-98.857 MM)			Min Height:	3.8780" (98.501 MM)	
Casting Numbers:	Head #:10W, N856					
Notes:	2BC, 510 P/UP					
Comments:	STEM END REFACE LIMIT .020 I & E					
NISSAN	2.0	120	CA20S		82-83	CA20S
New Height:	4.595-4.610" (116.713-117.094 MM)			Min Height:	4.587" (116.51 MM)	
Intake Hgt:	1.815-1.845" (46.101-46.863 MM)			Exhaust Hgt:	1.815-1.845" (46.101-46.863 MM)	
Casting Numbers:	Head #:D17 Block #: CA20S					
Notes:	2BC					
Comments:	STEM END REFACE LIMIT .020 I & E					
NISSAN	2.0	120	H	200SX	84-86	CA20E
New Height:	4.595-4.600" (116.713-116.84 MM)			Min Height:	4.587" (116.51 MM)	
Intake Hgt:	1.715-1.745" (43.561-44.323 MM)			Exhaust Hgt:	1.715-1.745" (43.561-44.323 MM)	
Casting Numbers:	Head #:02F, 17-F, D-17 Block #: 59292, CA20E-S					
Notes:	EFI, STANZA, 200SX					
Comments:	STEM END REFACE LIMIT .020 I & E					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
NISSAN				4 Cylinders (cont.)		
NISSAN	2.0	120	H	200SX	87-89	CA20E
New Height:	4.595-4.610" (116.713-117.094 MM)			Min Height:	4.587" (116.51 MM)	
Intake Hgt:	1.835-1.865" (46.609-47.371 MM)			Exhaust Hgt:	1.835-1.865" (46.609-47.371 MM)	
Casting Numbers:	Head #:02E Block #: CA20E, CA20E-S					
Notes:	EFI, STANZA, 200SX					
Comments:	STEM END REFACE LIMIT .008 I & E					
NISSAN	2.0	121		H20	77-92	H20
Intake Hgt:	1.705-1.725" (43.307-43.815 MM) *			Exhaust Hgt:	1.715-1.725" (43.561-43.815 MM) *	
Casting Numbers:	Head #:3114-E, 77721-A, 782, 93144, 9Y128 Block #: 77057					
Notes:	GAS/LPG FORKLIFT					
Comments:	* REPORTED USING NEW VALVES W/ SEALS INSTALLED					
NISSAN	2.0	121		U20	67-70	U20
New Height:	4.5280" (115.011 MM)					
Casting Numbers:	Head #:222, 77721-A Block #: 77057					
Notes:	OHC, U-20 GAS/LPG FORKLIFT					
NISSAN	2.0	122	B	200SX	95-99	SR20DE
New Height:	5.390-5.398" (136.910-137.110 MM)					
Casting Numbers:	Block #:SR20DE					
Notes:	DOHC,SFI, 200SX, SENTRA					
NISSAN	2.0	122	SR20	SENTRA	91-96	SR20DE
New Height:	5.390-5.398" (136.906-137.109 MM)			Min Height:	5.380" (136.652 MM)	
Intake Hgt:	1.690-1.695"			Exhaust Hgt:	1.690-1.695"	
Casting Numbers:	Head #:53J, 57Y Block #: SR20DE					
Notes:	DOHC, VIN G, SR20DE, EFI, NX, SENTRA					
Comments:	STEM END REFACE LIMIT .008" I & E					
NISSAN	2.2	132	SD22	SD22	81-83	SD22
New Height:	3.546" (90.068 MM)			Min Height:	3.531" (89.687 MM)	
Intake Pro / Rec:	.020-.035" V/REC (.508-.889 MM)			Exhaust Pro / Rec:	.020-.035" V/REC (.508-.889 MM)	
Casting Numbers:	Head #:1129, NF21, NF22					
Notes:	OHV, DIESEL					
Comments:	STEM END REFACE LIMIT .008 I & E					
NISSAN	2.2	133	Z22	720 PICKUP	81	Z22
New Height:	3.896" (98.958 MM)			Min Height:	3.888" (98.755 MM)	
Intake Hgt:	1.835-1.865" (46.609-47.371 MM)			Exhaust Hgt:	1.835-1.865" (46.609-47.371 MM)	
Casting Numbers:	Block #:Z22					
Notes:	2BC, 720 P/UP					
NISSAN	2.2	133	Z22	720 PICKUP	82	Z22
New Height:	3.896" (98.958 MM)			Exhaust Hgt:	1.835-1.865" (46.609-47.371 MM)	
Intake Hgt:	1.835-1.865" (46.609-47.371 MM)					
Casting Numbers:	Block #:Z22					
Notes:	2BC, 720 P/UP					
Comments:	STEM END REFACE LIMIT .020 I & E					
NISSAN	2.2	133	Z22E		82-83	Z22E
New Height:	3.896" (98.958 MM)					
Casting Numbers:	Head #:07W Block #: Z22E					
Notes:	EFI					
Comments:	STEM END REFACE LIMIT .020 I & E					
NISSAN	2.3	140	SD23		82-87	SD23
New Height:	3.545" (90.043 MM)			Min Height:	3.531" (89.687 MM)	
Intake Pro / Rec:	.011-.027" V/REC (.279-.686 MM)			Exhaust Pro / Rec:	.012-.027" V/REC (.305-.686 MM)	
Casting Numbers:	Head #:NF21					
Notes:	DIESEL					
Comments:	STEM END REFACE LIMIT .008 I & E					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
NISSAN				4 Cylinders (cont.)		
NISSAN	2.4	146	A	240SX	95-01	KA24DE
New Height:	4.972-4.980" (126.289-126.492 MM)			Min Height:	4.964" (126.086 MM)	
Intake Hgt:	1.654-1.674" (42.012-42.520 MM) *			Exhaust Hgt:	1.654-1.674" (42.012-42.520 MM) *	
Casting Numbers:	Head #:53F					
Notes:	FRONTIER DOHC, EFI, VIN D 1998-01					
Comments:	* 1.654-1.674" REPORTED INSTALLED HEIGHT. STEM END REFACE LIMIT .008 I & E					
NISSAN	2.4	146	B	ALTIMA	91-97	KA24DE
New Height:	4.972-4.980" (126.289-126.492 MM)			Min Height:	4.964" (126.086 MM)	
Intake Hgt:	2.140-2.160" * (54.356-54.864 MM)			Exhaust Hgt:	2.000-2.020" * (50.8-51.308 MM)	
Casting Numbers:	Block #:KA24DE					
Notes:	DOHC, SFI, ALTIMA, 240SX, SENTRA					
Comments:	* 1.654-1.674" REPORTED INSTALLED HEIGHT. STEM END REFACE LIMIT .008 I & E					
NISSAN	2.4	146	H	240SX	89-90	KA24E
New Height:	3.8898-3.8976" (98.801-98.999 MM)			Min Height:	3.8818" (98.598 MM)	
Intake Hgt:	2.140-2.160" (54.356-54.864 MM)			Exhaust Hgt:	2.000-2.020" (50.8-51.308 MM)	
Casting Numbers:	Head #:40F					
Notes:	SOHC, 240SX					
Comments:	* COLD INTAKE LASH .0138" EXHAUST .0146"					
NISSAN	2.4	146	H	240SX	92-94	KA24E
New Height:	3.8900-3.8980" (98.806-99.009 MM)			Min Height:	3.8818" (98.598 MM)	
Intake Hgt:	2.140-2.160" (54.356-54.864 MM)			Exhaust Hgt:	2.000-2.010" (50.800-51.054 MM)	
Notes:	SOHC, KA24E, 240SX					
Comments:	* COLD INTAKE LASH .0138" EXHAUST .0146"			** INTAKE OA GUIDE LENGTH 2.070" EXHAUST OA GUIDE LENGTH 2.200"		
NISSAN	2.4	146	H	AXXESS	90	KA24E
New Height:	3.8900-3.8980" (98.806-99.009 MM)			Min Height:	3.8818" (98.598 MM)	
Intake Hgt:	2.140-2.160" (54.356-54.864 MM)			Exhaust Hgt:	2.000-2.010" (50.8-51.054 MM)	
Casting Numbers:	Block #:KA24-202624X, KA24E					
Notes:	SOHC, EFI, AXXESS					
NISSAN	2.4	146	M	240SX	89-91	KA24E
New Height:	3.8898-3.8976" (98.801-98.999 MM)			Min Height:	3.8818" (98.598 MM)	
Intake Hgt:	2.140-2.160" (54.356-54.864 MM)			Exhaust Hgt:	2.000-2.020" (50.8-51.308 MM)	
Casting Numbers:	Head #:40F, 40FOR					
Notes:	SOHC, 240SX					
NISSAN	2.4	146	S	STANZA	91-98	KA24E
New Height:	3.890-3.898" (98.806-99.009 MM)			Min Height:	3.882" (98.603 MM)	
Intake Hgt:	2.140-2.160" (54.356-54.864 MM)			Exhaust Hgt:	2.000-2.010" (50.800-51.054 MM)	
Casting Numbers:	Head #:A-M40F1R Block #: KA24-020624X, KA24E					
Notes:	SOHC, KA24E, EFI, 102 LINK TIMING CHAIN, 720 PU					
Comments:	** 1995-98 22#, 58#, LOOSEN, 22#, TURN ADDITIONAL +80-85°. * STEM END REFACE LIMIT .008 I & E					
NISSAN	2.4	146	Z24	720 PICKUP	83-89	Z24
New Height:	3.8860-3.9020" (98.704-99.111 MM)			Min Height:	3.8780" (98.501 MM)	
Intake Hgt:	1.840-1.860" * (46.736-47.244 MM)			Exhaust Hgt:	1.840-1.860" * (46.736-47.244 MM)	
Casting Numbers:	Head #:10W, 30W					
Notes:	EFI, SOHC, 106 LINK TIMING CHAIN, 720 P/UP					
Comments:	* INTAKE 2.150" AND EXHAUST 2.090" REPORTED, STEM END REFACE LIMIT .008 I & E					
NISSAN	2.4	146	Z24I	PATHFINDER	86-90	Z24I
New Height:	3.886-3.902" (98.704-99.111 MM)			Min Height:	3.878" (98.501 MM)	
Intake Hgt:	1.840-1.860" (46.736-47.244 MM)			Exhaust Hgt:	1.840-1.860" (46.736-47.244 MM)	
Casting Numbers:	Head #:40F, 6R Block #: Z24I					
Notes:	SOHC, EFI, PATHFINDER, CARGOVAN, 720 P/UP, D21 P/UP					
Comments:	STEM END REFACE LIMIT .008 I & E					
NISSAN	2.5	152		TD25	88-92	TD25
New Height:	3.5472" (90.100 MM)			Min Height:	3.5394" (89.900 MM)	
Intake Pro / Rec:	.011" V/PRO (.270 MM) *			Exhaust Pro / Rec:	.012" V/PRO (.300 MM) *	
Notes:	DIESEL					
Comments:	* MAX VALVE PROTRUSION: INT & EXH=.049" (1.250 MM)					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
NISSAN				4 Cylinders (cont.)		
NISSAN	2.5	152	SD25		83-87	SD25
New Height:	3.545" (90.043 MM)			Min Height:	3.531" (89.687 MM)	
Intake Pro / Rec:	.011-.027" V/REC (.279-.686 MM)			Exhaust Pro / Rec:	.012-.027" V/REC (.305-.686 MM)	
Casting Numbers:	Head #:NF21					
Notes:	DIESEL					
Comments:	STEM END REFACE LIMIT .008 I & E					
NISSAN	2.5	153		ALTIMA	02-04	QR25DE
New Height:	5.095-5.100" (129.413-129.540 MM)			Exhaust Hgt:	1.520-1.534" (38.608-38.963 MM) *	
Intake Hgt:	1.520-1.534" (38.608-38.963 MM) *					
Casting Numbers:	Head #:8H3 6R					
Notes:	MFI, DOHC, ALTIMA					
Comments:	* REPORTED MEMBER # 41345 08-22-2004 MC					
NISSAN	2.7	163		TD27	88-92	TD27
New Height:	3.547" (90.094 MM)			Min Height:	3.539" (89.891 MM)	
Intake Pro / Rec:	.011-.049" V/PRO (.279-1.245 MM)			Exhaust Pro / Rec:	.012-.049" V/PRO (.305-1.245 MM)	
Notes:	DIESEL					
NISSAN	3.5	211		FD35T	86-90	FD35T
New Height:	3.500-3.580" (88.9-90.932 MM)			Exhaust Pro / Rec:	.014-.030" V/REC (.356-.762 MM)	
Intake Pro / Rec:	.014-.030" V/REC (.356-.762 MM)					
Notes:	TURBO DIESEL, 1100 SERIES UD TRUCK					
NISSAN	4.6	282		FD46T	99-04	FD46TA
New Height:	3.539-3.547" (89.900-90.100 MM)			Min Height:	3.531" (89.700 MM)	
Intake Pro / Rec:	.074-.094" V/REC (1.880-2.380 MM) *			Exhaust Pro / Rec:	.037-.056" V/REC (.9300-1.430 MM) *	
Notes:	DIESEL, DIR INJ, OHV, UD1200, UD1400, UD1800CS					
Comments:	* MAX V/REC: INTAKE=.130" (3.300 MM), EXHAUST=.091" (2.300 MM). VALVE ROCKER INSIDE SPRING: FREE LENGTH 2.445" (62.100 MM) CLOSED 2.6-3.2# @ 1.319".					
NISSAN	4.7	288		J05D-TA	05-06	J05D-TA
Intake Pro / Rec:	.022-.033" V/REC (.550-.850 MM) *			Exhaust Pro / Rec:	.051-.063" V/REC (1.300-1.600 MM) *	
Notes:	DIESEL, TURBO, VERTICAL, WATER COOLED, DIR INJ					
Comments:	* MAX V/REC: INTAKE=.047" (1.200 MM), EXHAUST=.071" (1.800 MM) . ** 4 STEP HEAD TORQUE FOR M12 BOLTS: 1) ALL M12 BOLTS 43 FT/LBS, +90r, 2) BOLTS #1-2, #7-10, #15-17 +90r TURN, 3) BOLTS #4-5, #12-13 +135r TURN, 4) BOLTS #3,5,11,14,18 +180r TURN.					
NISSAN				6 Cylinders		
NISSAN	2.4	146	L24	240Z	70-73	L24
New Height:	4.248" (107.899 MM)			Min Height:	4.235" (107.569 MM)	
Casting Numbers:	Head #:E88 Block #: 1303E					
Notes:	2BC					
Comments:	STEM END REFACE LIMIT .020 I & E ** ROCKER RATIO 1.50:1					
NISSAN	2.4	146	L24E	MAXIMA	81-84	L24E
New Height:	4.252" (108.001 MM)					
Notes:	EFI, MAXIMA					
Comments:	STEM END REFACE LIMIT .020 I & E					
NISSAN	2.4	146	L24E		77-80	L24E
New Height:	4.248" (107.899 MM)					
Notes:	EFI					
Comments:	STEM END REFACE LIMIT .020 I & E					
NISSAN	2.6	156	L26	260Z	74	L26
New Height:	4.2520-4.2600" (108.001-108.204 MM)			Min Height:	4.232" (107.493 MM)	
Casting Numbers:	Head #:E31-E88, E88					
Notes:	2BC, 260Z					
Comments:	STEM END REFACE LIMIT .020 I & E ** ROCKER RATIO 1.50:1					
NISSAN	2.8	168	L28E	280ZX	75-80	L28E
New Height:	4.252" (108.001 MM)			Min Height:	4.232" (107.493 MM)	
Intake Hgt:	1.735-1.765" (44.069-44.831 MM)			Exhaust Hgt:	1.735-1.765" (44.069-44.831 MM)	
Casting Numbers:	Head #:47, N47, P79, P90					
Notes:	EFI, 280Z, 280ZX					
Comments:	STEM END REFACE LIMIT .020 I & E ** ROCKER RATIO 1.50:1					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
NISSAN				6 Cylinders (cont.)		
NISSAN	2.8	168	L28E	280ZX	81-83	L28E
New Height:	4.252-4.260" (108.001-108.204 MM)			Min Height:	4.2320" (107.493 MM)	
Intake Hgt:	1.735-1.765" (44.069-44.831 MM)			Exhaust Hgt:	1.735-1.765" (44.069-44.831 MM)	
Casting Numbers:	Head #:79, N47, P79, P90					
Notes:	EFI, 280ZX					
Comments:	STEM END REFACE LIMIT .020 I & E					
NISSAN	2.8	168	L28ET	280ZX	81-83	L28ET
New Height:	4.252-4.260" (108.001-108.204 MM)			Min Height:	4.232" (107.493 MM)	
Intake Hgt:	1.735-1.765" (44.069-44.831 MM)			Exhaust Hgt:	1.735-1.765" (44.069-44.831 MM)	
Casting Numbers:	Head #:P90					
Notes:	EFI, TURBO, 280ZX					
Comments:	STEM END REFACE LIMIT .020 I & E					
NISSAN	2.8	170	LD28		81-84	LD28
New Height:	3.524" (89.51 MM)					
Notes:	DIESEL					
Comments:	STEM END REFACE LIMIT .020 I & E					
NISSAN	2.8	172		RD28		RD28
New Height:	5.5120" (140.005 MM)					
Intake Hgt:	1.760" (44.704 MM) VLV TIP TO SPG SEAT			Exhaust Hgt:	1.760" (44.704 MM) VLV TIP TO SPG SEA	
Intake Pro / Rec:	.004-.006" V/REC (.110-.150 MM)			Exhaust Pro / Rec:	.005-.007" V/REC (.130-.170 MM)	
Notes:	DIESEL					
NISSAN	3.0	181	C		90-96	VG30DETT
New Height:	5.429-5.437" (137.897-138.1 MM)			Min Height:	5.421" (137.693 MM)	
Intake Hgt:	1.780-1.790" (45.212-45.466 MM) *			Exhaust Hgt:	1.770-1.780" (44.958-45.212 MM) *	
Casting Numbers:	Head #:VG30 Block #: VG30DTT					
Notes:	DOHC, TURBO, PFI, VG30DETT, 300 ZX TWIN TURBO					
Comments:	* REPORTED VALVE INSTALLED HEIGHT 1.594-1.600" (40.500-40.640 MM) MEMBER #40748 02-20-2004 MC ** STEM END REFACE LIMIT .008 I & E					
NISSAN	3.0	181	E	MAXIMA	92-94	VE30DE
New Height:	5.429-5.437" (137.900-138.100 MM)					
Notes:	DOHC, PSI, VE30DE, MAXIMA					
NISSAN	3.0	181	R	300ZX	90-94	
New Height:	5.429-5.437" (137.897-138.1 MM) **					
Intake Hgt:	1.527" (38.786 MM)			Exhaust Hgt:	1.527" (38.786 MM)	
Casting Numbers:	Head #:R12V					
Notes:	DOHC, EFI, 300ZX, 3 STD PISTONS					
Comments:	* 1990 VLV SPG PRESS (OPEN): 121# @ 1.043 ** 1990 SEE TB 905 FOR CORRECT PROCEDURE. *** 1990 ST-GUIDE CLEAR - EXHAUST .0008-.0021					
NISSAN	3.0	181	VG30	200SX	84-86	VG30ET
New Height:	4.2047-4.2057" (106.799-106.825 MM)			Min Height:	4.1967" (106.596 MM)	
Intake Hgt:	*1.780-1.790" (45.212-45.466 MM)			Exhaust Hgt:	*1.770-1.780" (44.958-45.212 MM)	
Casting Numbers:	Head #:L52, R21V, R52, R-V52, VG30 Block #: VG30ET					
Notes:	SOHC, EFI, TURBO, 200SX, 300ZX, MAXIMA, P/UP					
Comments:	* MEASURE WITH SPRING CUP INSTALLED, STEM END REFACE LIMIT .008 I & E					
NISSAN	3.0	181	VG30	300ZX	90-96	VG30DE
New Height:	5.4290-5.4370" (137.897-138.1 MM) *			Min Height:	5.4210" (137.693 MM) *	
Intake Hgt:	1.5170- 1.5370" (38.532-39.04 MM)			Exhaust Hgt:	1.5170-1.5370" (38.532-39.04 MM)	
Casting Numbers:	Head #:VG30 Block #: VG30DE					
Notes:	DOHC, EFI, 300ZX, NON TURBO					
Comments:	STEM END REFACE LIMIT .008 I & E * SEE TB 905-MEASURE CORRECTLY					
NISSAN	3.0	181	VG30	MAXIMA	84-87	VG30
New Height:	4.2047-4.2057" (106.799-106.825 MM)			Min Height:	4.1967" (106.596 MM)	
Intake Hgt:	1.780-1.790" (45.212-45.466 MM)			Exhaust Hgt:	1.770-1.780" (44.958-45.212 MM)	
Casting Numbers:	Head #:L52, L-V52, R52, R-V52, VG30 Block #: VG30I, VG30-V52					
Notes:	SOHC, EFI, 200SX, 300ZX, MAXIMA, P/UP					
Comments:	STEM END REFACE LIMIT .008 I & E					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
NISSAN				6 Cylinders (cont.)		
NISSAN	3.0	181	VG30	MAXIMA	87-95	VG30E
New Height:	4.215-4.220" (107.061-107.188 MM)			Min Height:	4.198" (106.629 MM)	
Intake Hgt:	1.780-1.790" (45.212-45.466 MM) *			Exhaust Hgt:	1.770-1.780" (44.958-45.212 MM) *	
Casting Numbers:	Head #:R-V52, RV-52, VG30 Block #: VG30ET					
Notes:	SOHC, EFI,TURBO, VG30ET, MAXMA, 200SX300ZX, PTHFDR					
Comments:	* REPORTED INSTALLED HEIGHT DURING DISASSEMBLY 1.765" ON ALL MEMBER # 40205 1-29-2004 MC, STEM REFACE LIMIT .008 I & E					
NISSAN	3.0	181	VG30E	MAXIMA	87-97	VG30E
New Height:	4.2047-4.2057" (106.799-106.825 MM)			Min Height:	4.1967" (106.596 MM)	
Intake Hgt:	1.7800-1.7900" (45.212-45.466 MM)			Exhaust Hgt:	1.7700-1.7800" (44.958-45.212 MM)	
Casting Numbers:	Head #:L85, R85, R85E, R-V52, VG30 Block #: VG30E					
Notes:	SOHC, EFI, MAXIMA					
Comments:	* 1988-92 = 1) 1.8898-1.8904", 5) 1.6732-1.6742", CENTER 3) 1.8504-1.8514"					
NISSAN	3.0	181	VG30I	PATHFINDER	86-89	VG30I
New Height:	4.2047-4.2205: (106.800-107.200 MM)					
Notes:	SOHC, PATHFINDER					
NISSAN	3.0	182	C		95-00	VQ30DE
New Height:	4.9724-4.9803" (126.299-126.5 MM)			Min Height:	4.9644"	
Intake Hgt:	1.6169-1.6405" (41.07-41.67 MM)			Exhaust Hgt:	1.6142-1.6378" (41.00-41.60 MM)	
Casting Numbers:	Head #:R38U Block #: VQ30DE					
Notes:	DOHC, SFI, MAXIMA					
NISSAN	3.3	199	SD33		81-83	SD33
New Height:	3.5460" (90.068 MM)			Min Height:	3.5310" (89.687 MM)	
Intake Pro / Rec:	.014-.030" V/REC (.356-.762 MM)			Exhaust Pro / Rec:	.014-.030" V/REC (.356-.762 MM)	
Casting Numbers:	Head #:11042-61508, 11042-6504					
Notes:	OHV, DIESEL					
Comments:	STEM END REFACE LIMIT .008 I & E					
NISSAN	3.3	201	T	PATHFINDER	96-04	VG33E
New Height:	4.205-4.220" (106.807-107.188 MM)			Exhaust Hgt:	1.787-1.795" (45.390-45.593 MM)	
Intake Hgt:	1.760-1.768" (44.704-44.907 MM)					
Casting Numbers:	Head #:ROWO Block #: VG33E					
Notes:	SOHC, PATHFINDER, ENG. CODE A, FRONTIER, XTERRA					
NISSAN	3.5	213	VQ35D	PATHFINDER	01-05	VQ35DE
New Height:	4.972-4.980" (126.300-126.500 MM)			Exhaust Hgt:	1.6142-1.6378" (41.000-41.600 MM)	
Intake Hgt:	1.6169-1.6405" (41.070-41.670 MM)					
Notes:	DOHC, MPI, 24 VALVE, PATHFINDER XE					
NISSAN	4.0	243	DIESEL			
Intake Pro / Rec:	.039" V/REC (.991 MM)			Exhaust Pro / Rec:	.039" V/REC (.991 MM)	
Notes:	OHV, DIESEL, USED BY JEEP					
NISSAN	4.2	254		TB42	90-97	TB42
New Height:	4.6138-4.6295" (117.191-117.589 MM)					
Notes:	OHV, ALUMNIUM HEAD, GAS, FORKLIFT					
NISSAN	4.2	254		TD42T	90-99	TD42T
New Height:	3.504-3.583" (89.002-91.008 MM)			Min Height:	3.492" (88.697 MM)	
Intake Pro / Rec:	.011-.027" V/REC (.279-.686 MM)			Exhaust Pro / Rec:	.012-.027" V/REC (.305-.686 MM)	
Casting Numbers:	Head #:TD42 Block #: 31224K2					
Notes:	OHV, UD 1400 D, WC, 4-STROKE, 1995 + UP TD42TI					
NISSAN	5.7	345		FD6		FD6
Intake Pro / Rec:	.002-.003" V/REC (.051-.076 MM)			Exhaust Pro / Rec:	.001-.002" V/REC (.025-.051 MM)	
Notes:	DIESEL					
NISSAN	6.9	423		FE6	80-90	FE6
New Height:	3.5394-3.5472" * (89.901-90.099 MM)			Min Height:	3.5315" (89.7 MM)	
Intake Pro / Rec:	.052-.072" V/REC (1.321-1.829 MM)			Exhaust Pro / Rec:	.041-.060" V/REC (1.041-1.524 MM)	
Casting Numbers:	Head #:61029, 70216					
Notes:	TURBO AND NON-TURBO					
Comments:	* REPORTED HEIGHT 3.753" # 13341 3-12-03 MC					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
NISSAN				6 Cylinders (cont.)		
NISSAN	6.9	423		FE6T	88-91	FE6T
New Height: 3.5394-3.5472" (89.901-90.099 MM)				Min Height: 3.5315" (89.7 MM)		
Intake Pro / Rec: .052-.072" V/REC (1.321-1.829 MM)				Exhaust Pro / Rec: .041-.060" V/REC (1.041-1.524 MM)		
Casting Numbers: Head #:61029, 70216						
Notes: TURBO 1800 TRUCK						
NISSAN	6.9	423		FE6TA	92-97	FE6TA
New Height: 3.5394-3.5472" (89.901-90.099 MM)				Min Height: 3.5315" (89.7 MM)		
Intake Pro / Rec: .052-.072" V/REC (1.321-1.829 MM)				Exhaust Pro / Rec: .041-.060" V/REC (1.041-1.524 MM)		
Casting Numbers: Head #:61029, 70216						
Notes: TURBO INTERCOOLED 1800 TRUCK						
NISSAN	6.9	423		UD	98-04	FE6TA
New Height: 3.539-3.547" (89.900-90.100 MM)				Min Height: 3.531" (89.700 MM)		
Intake Pro / Rec: .031-.052" V/REC (.780-1.320 MM)				Exhaust Pro / Rec: .032-.045" V/REC (.800-1.150 MM)		
Notes: DIESEL,OHV,UD1800HD,2000,2300DH/LP,2600,3000,3300						
Comments: VLV RCKR INSIDE SPRING: FREE LENGTH 1.122", TENSION 5-7# @ .7280"						
NISSAN	7.4	452		NE6	85-94	NE6
New Height: 3.5394-3.5472" (89.901-90.099 MM)				Min Height: 3.5315" (89.7 MM)		
Intake Pro / Rec: .052-.072" V/REC (1.321-1.829 MM)				Exhaust Pro / Rec: .041-.060" V/REC (1.041-1.524 MM)		
Notes: TURBO AND NON-TURBO DIESEL ENGINES						
Comments: * TURBO: 30° INTAKE, .075 INTAKE						
NISSAN	10.3	629		PD6T		PD6T
New Height: 4.331" (110.007 MM)				Min Height: 4.311" (109.499 MM)		
Intake Pro / Rec: .031-.049" V/REC (.787-1.245 MM) *				Exhaust Pro / Rec: .012-.030" V/REC (.305-.762 MM)		
Notes: DIESEL PD6 & PD6T						
Comments: * PE6T INTAKE V/REC: -.006+-.008 **PE6T SPRG PRESSURE: OUTER 65-72# @ 1.811 INNER 35-39# @ 1.732						
NISSAN	11.7	712		PE6T		PE6T
New Height: 4.331" (110.007 MM)				Min Height: 4.311" (109.499 MM)		
Intake Pro / Rec: .031-.049" V/REC (.787-1.245 MM) *				Exhaust Pro / Rec: .012-.030" V/REC (.305-.762 MM)		
Notes: DIESEL PE6, PE6T,PE6T04,KEBELCO LK900 WHEEL LOADER						
Comments: * PE6T INTAKE V/REC: -.006+-.008 **PE6T SPRG PRESSURE: OUTER 65-72# @ 1.811 INNER 35-39# @ 1.732						
NISSAN				9 Cylinders		
NISSAN	5.6	339	VK56	PATHFINDER	04-05	VK56
New Height: 4.9724" (126.300 MM)						
Notes: DOHC, ARMADA, TITAN						
OLIVER				4 Cylinders		
OLIVER	3.1	191		1355		
Intake Pro / Rec: .030-.040" V/REC (.762-1.016 MM)				Min Height: .020" MAX REMOVE (.508 MM)		
Exhaust Pro / Rec: .030-.040" V/REC (.762-1.016 MM)						
Casting Numbers: Head #:8817866 Block #: 983528						
Notes: DIESEL FIAT						
OLIVER	3.4	210		1365		
Intake Pro / Rec: .030-.040" V/REC (.762-1.016 MM)				Min Height: .020" MAX REMOVE (.508 MM)		
Exhaust Pro / Rec: .030-.040" V/REC (1.016 MM)						
Casting Numbers: Head #:4653285, 8817866						
Notes: DIESEL G450, FIAT						
OLIVER	4.6	278		B10		B10
Intake Pro / Rec: .0039-.0196" V/REC (.100-.500 MM) *				Exhaust Pro / Rec: .0039-.0196" V/REC (.100-.500 MM) *		
Notes: DIESEL, FIAT ENGINE						
Comments: * MAX V/REC=.0275" (.700 MM)						
OLIVER				6 Cylinders		
OLIVER	3.5	216		77KD	55-67	
Intake Pro / Rec: .033-.049" V/REC (.838-1.245 MM)				Exhaust Pro / Rec: .988-1.02" V/REC (25.095-25.908 MM)		
Casting Numbers: Head #:185402, 186302B, 186402, 186402B, M180A, M180C						
Notes: 77KD DIESEL TRACTOR						

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
OLIVER						6 Cylinders (cont.)
OLIVER	3.5	216	G	770	55-67	
Intake Pro / Rec:		.033-.049" V/REC (.838-1.245 MM)		Exhaust Pro / Rec:		.988-1.02" V/REC (25.095-25.908 MM)
Casting Numbers: Head #:185502A, 186402, IM180D						
Notes: 770 GAS TRACTOR						
Comments: IT IS RECOMMENDED THAT THE 12 COIL SPRING BE REPLACED WITH THE 10.5 COIL SPRING.						
OLIVER	3.8	232	D	1550		
Intake Pro / Rec:		.033-.069" V/REC (.838-1.753 MM)		Min Height:		-.040" FROM STD (-1.016 MM)
Exhaust Pro / Rec:		.988-1.02" V/REC (25.095-25.908 MM)				
Casting Numbers: Head #:162122AS, 186402K, 191202, 192002, 192002A, 192002B, IK180, IK180G, K180A Block #: 160918A						
Notes: 88D, 1550, 1555, DIESEL TRACTOR						
Comments: * ENGINES W/ROTATORS: 2.313 FREE LENGTH, TEST PRESSURE IS 44-47# @ 1.734						
OLIVER	4.3	265		1650	47-67	880
Intake Pro / Rec:		.033-.049" V/REC (.838-1.245 MM)		Exhaust Pro / Rec:		.988-1.02" V/REC (25.095-25.908 MM)
Casting Numbers: Head #:157399AS, 192002, 192002B, 192002G, 192202, AK180902E, IK180 Block #: 190320-Y						
Notes: 880 OLIVER DIESEL, 1650 TRACTOR						
Comments: * IT IS RECOMMENDED THAT THE 12 COIL SPRING BE REPLACED WITH THE 10.5 COIL SPRING.						
OLIVER	4.6	283		1650		
New Height: 4.3420" (110.287 MM)						
Casting Numbers: Head #:157163ASA, 157399AS, 158792A, 221902, 22202 Block #: 22132D						
Notes: 1650 DIESEL, SEE WAUKESHA SECTION, 1800 B SERIES						
OLIVER	5.1	310		VRD310		VRD SERIES
New Height:		4.5000-4.5050" (114.3-114.427 MM) **		Min Height:		4.4700" (113.538 MM) **
Intake Pro / Rec:		.014-.029" V/PRO (.356-.737 MM)		Exhaust Pro / Rec:		.026-.041" V/PRO (.66-1.041 MM)
Casting Numbers: Head #:158792, 22102, 221902, 223202, 228202, AE221902H Block #: 221520B						
Notes: VRD SERIES DIESEL, 1755, 1800, 1900, 1955T						
Comments: ** LAVONIA HEAD THICKNESS IS 4.625" MIN 4.605" *** EXHAUST VALVE POSITION FOR LAVONIA HEAD IS BELOW DECK .850" * .020-.049"INTAKE PRO + .988-1.002" EXHAUST						
OLIVER	5.8	354		1850		
New Height:		3.2350-3.2650" (82.169-82.931 MM)		Min Height:		3.2230" (81.864 MM)
Intake Pro / Rec:		.029-.050" V/REC (.737-1.27 MM)		Exhaust Pro / Rec:		.029-.050" V/REC (.737-1.27 MM)
Casting Numbers: Head #:37116660, 37116680, 3716690-6, 377110740 Block #: 37711404A, 377114670						
Notes: 6.354 PERKINS, DIESEL NON-TURBO						
Comments: * LONG SPRING SPECS - SHORT SPRING SPECS: OUTER - I & E;40-44# @ 1.410, INNER - I & E;20-23# @ 1.340						
OLIVER	7.4	451		D451		
Intake Pro / Rec:		.044" MIN V/REC (1.118 MM)		Exhaust Pro / Rec:		1.292-1.299" (32.817-32.995 MM) *
Notes: DIESEL						
Comments: *-BOTTOM INSERT BORE						
OLIVER	7.8	478	D	478		
Intake Pro / Rec:		.019-.032" V/REC (.483-.813 MM)		Exhaust Pro / Rec:		.019-.032" V/REC (.483-.813 MM)
Casting Numbers: Head #:11610699						
Notes: 2055, 2150 DIESEL TRACTORS						
OLIVER	8.3	504		504B		
Intake Pro / Rec:		.015" MIN V/REC (.381 MM)		Exhaust Pro / Rec:		.015" MIN V/REC (.381 MM)
Notes: LP GAS MINI-MOLINE ENGINE						
OLIVER	9.6	585		D585		
Intake Pro / Rec:		.044" MIN V/REC (1.118 MM)		Exhaust Pro / Rec:		1.292-1.299" (32.817-32.995 MM) *
Notes: DIESEL						
Comments: *-BOTTOM INSERT BORE						
ONAN						3 Cylinders
ONAN	1.7	105		L317		L317
Intake Pro / Rec:		.019-.044" V/REC (.483-1.118 MM) *		Min Height:		.010" MAX REMOVE (.254 MM)
Exhaust Pro / Rec:		.026-.052" V/REC (.66-1.321 MM) *				
Notes: DIESEL, 4 STROKE, LIQUID COOLED						
Comments: * MAX V/REC: INTAKE .084, EXHAUST .092 ** SPEC C ENG W/VALVE ROTATORS OR SPG WEAR PLATES:GUIDE HGT .878-.909						

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
ONAN 4 Cylinders						
ONAN	2.3	140		L423		L423
				Min Height:	.010" MAX REMOVE (.254 MM)	
Intake Pro / Rec:				.019-.044" V/REC (.483-1.118 MM) *		
Exhaust Pro / Rec:				.026-.052" V/REC (.66-1.321 MM) *		
Notes: DIESEL, 4 STROKE, LIQUID COOLED						
Comments: * MAX V/REC: INTAKE .084, EXHAUST .092 ** SPEC C ENG W/VALVE ROTATORS OR SPG WEAR PLATES:GUIDE HGT .878-.909						
ONAN	2.3	140	L	L SERIES		L SERIES
New Height:				3.5470" (90.094 MM)		
Min Height:				3.530" (89.662 MM)		
Intake Pro / Rec:				.019-.084" V/REC (.483-2.134 MM)		
Exhaust Pro / Rec:				.026-.092" V/REC (.66-2.337 MM)		
Notes: ONAN L SERIES DIESEL						
Comments: * TURBO INTAKE VALVE STEM DIA. = .3126-.3138						
ONAN 6 Cylinders						
ONAN	3.4	210		L SERIES		L SERIES
New Height:				3.5470" (90.094 MM)		
Min Height:				3.530" (89.662 MM)		
Intake Pro / Rec:				.019-.084" V/REC (.483-2.134 MM)		
Exhaust Pro / Rec:				.026-.092" V/REC (.660-2.337 MM)		
Notes: DIESEL						
ONAN	3.4	210	TURBO	L SERIES		L SERIES
New Height:				3.5470" (90.094 MM)		
Min Height:				3.530" (89.662 MM)		
Intake Pro / Rec:				.019-.084" V/REC (.483-2.134 MM)		
Exhaust Pro / Rec:				.026-.092" V/REC (.660-2.337 MM)		
Notes: TURBO DIESEL						
OPEL 4 Cylinders						
OPEL	1.8	111	B			76-79
				Min Height:	.016" MAX REMOVE (.406 MM)	
Notes: 2BC						
OPEL	1.9	116	N			67-75
New Height:				4.0500" (102.87 MM)		
Intake Hgt:				1.800" (45.72 MM)		
Exhaust Hgt:				1.980" (50.292 MM)		
Notes: 2BC, 1897CC						
PERKINS 2 Cylinders						
PERKINS	0.4	25		102.04		102.04
Intake Pro / Rec:				.028-.035" V/REC (.700-.900 MM) *		
Exhaust Pro / Rec:				.028-.035" V/REC (.700-.900 MM) *		
Notes: DIESEL, 100 SERIES, USED IN TORO LAWNMOWERS						
Comments: * MAX V/REC INT & EXH=.071" (1.800 MM)						
PERKINS	0.5	28		102.05	86-00	102.05
Intake Pro / Rec:				.028-.035" V/REC (.700-.900 MM) *		
Exhaust Pro / Rec:				.028-.035" V/REC (.700-.900 MM) *		
Notes: 100 SERIES DIESEL						
Comments: * MAX V/REC INT & EXH=.071" (1.800 MM)						
PERKINS 3 Cylinders						
PERKINS	0.0	0		3.09		3.09
Intake Pro / Rec:				.034-.045" V/REC (.864-1.143 MM)		
Exhaust Pro / Rec:				.034-.045" V/REC (.864-1.143 MM)		
PERKINS	0.0	0		3.10		3.10
Intake Pro / Rec:				.034-.045" V/REC (.864-1.143 MM)		
Exhaust Pro / Rec:				.034-.045" V/REC (.864-1.143 MM)		
PERKINS	0.6	38		103.06		103.06
Intake Pro / Rec:				.028-.035" V/REC (.711-.889 MM) *		
Exhaust Pro / Rec:				.028-.035" V/REC (.711-.889 MM) *		
Notes: 100 SERIES DIESEL, ALSO M20						
Comments: *MAXIMUM VALVE RECESSON: .071"						
PERKINS	0.7	41		103.07		103.07
Intake Pro / Rec:				.028-.035" V/REC (.700-.900 MM) *		
Exhaust Pro / Rec:				.028-.035" V/REC (.700-.900 MM) *		
Notes: 100 SERIES DIESEL						
Comments: * MAX V/REC .071" (1.800 MM)						
PERKINS	0.9	53		103.09		103.09
Intake Pro / Rec:				.034-.045" V/REC (.864-1.143 MM)		
Exhaust Pro / Rec:				.034-.045" V/REC (.864-1.143 MM)		
Notes: 100 SERIES DIESEL, ALSO M25						

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
PERKINS				3 Cylinders (cont.)		
PERKINS	1.0	59		103.10	98-00	103.10
Intake Pro / Rec: .034-.045" V/REC (.864-1.143 MM)			Exhaust Pro / Rec: .034-.045" V/REC (.864-1.143 MM)			
Notes: 100 SERIES DIESEL, ALSO M30						
PERKINS	1.3	81		103.13		103.13
Intake Pro / Rec: .034-.046" V/REC (.850-1.150 MM)			Exhaust Pro / Rec: .034-.046" V/REC (.850-1.150 MM)			
Notes: 100 SERIES DIESEL						
PERKINS	1.5	91		103.15	99-00	103.15
Intake Pro / Rec: .034-.045" V/REC (.850-1.150 MM)			Exhaust Pro / Rec: .034-.045" V/REC (.850-1.150 MM)			
Casting Numbers: Block #:R785						
Notes: 100 SERIES DIESEL						
PERKINS	2.4	144		144		144
Intake Pro / Rec: .059-.087" V/REC (1.499-2.21 MM)			Exhaust Pro / Rec: .059-.087" V/REC (1.499-2.21 MM)			
Notes: P3.144 DIESEL						
PERKINS	2.5	152		152		152
New Height: 2.9850-3.0150" (75.819-76.581 MM)						
Intake Pro / Rec: .066-.080" REC (1.676-2.032 MM) *			Min Height: 2.9800" (75.692 MM)			
Exhaust Pro / Rec: .066-.080" REC (1.676-2.032 MM) *			Notes: 3.152 DIESEL, CAST IRON LINERS, INDIRECT INJ			
Comments: * MAX V/REC: .140 I & E						
PERKINS	2.5	152	1	152		152
New Height: 2.9850-3.0150" (75.819-76.581 MM)			Min Height: 2.9800" (75.692 MM)			
Intake Pro / Rec: .066-.080" REC (1.676-2.032 MM) *			Exhaust Pro / Rec: .066-.080" REC (1.676-2.032 MM) *			
Notes: 3.152 DIESEL, CHROMIUM LINERS, INDIRECT INJ						
Comments: * MAX V/REC: .140 I & E						
PERKINS	2.5	152	D	152		152
New Height: 2.9850-3.0150" (75.819-76.581 MM)			Min Height: 2.9730" (75.514 MM)			
Intake Pro / Rec: .059-.074" REC (1.499-1.88 MM) *			Exhaust Pro / Rec: .058-.073" REC (1.473-1.854 MM) *			
Casting Numbers: Head #:37116140, 37116180, 3711618A/5, 3711618A/S, 371161901S, 3711640, 371168, 37116800						
Block #: 37111530						
Notes: D3.152 DIESEL, CHROMIUM LNR, ALLIS 160 TRCTR, DIR INJ						
Comments: * SERIAL # BREAK U584638F: FACE & SEAT ANGLE 35°, V/REC INTAKE=.052-.064, EXHAUST=.063-.076						
PERKINS	2.5	152	D(2)	152		152
New Height: 2.9850-3.0150" (75.819-76.581 MM)			Min Height: 2.9730" (75.514 MM)			
Intake Pro / Rec: .059-.074" REC (1.499-1.88 MM) *			Exhaust Pro / Rec: .058-.073" REC (1.473-1.854 MM) *			
Casting Numbers: Head #:37116140, 37116180, 3711618A/5, 3711618A/S, 3711640, 371168, 37116800						
Notes: D3.152 DIESEL, CAST IRON LINER, DIR INJ						
Comments: * SERIAL # BREAK U584638F: 35° FACE & SEAT ANGLE AND V/REC INTAKE=.052-.064, EXHAUST=.063-.076						
PERKINS	2.5	152	D(3)	152		152
New Height: 2.9850-3.0150" (75.819-76.581 MM)			Min Height: 2.9730" (75.514 MM)			
Intake Pro / Rec: .052-.064" V/REC (1.321-1.626 MM)			Exhaust Pro / Rec: .063-.076" V/REC (1.6-1.93 MM)			
Casting Numbers: Head #:37116140, 37116180, 3711618A/5, 3711618A/S, 371161901S, 3711640, 371168, 37116800						
Notes: 3.1522 DIESEL, CAST IRON LINER, DIR INJ						
PERKINS	2.5	152	D(4)	152		152
New Height: 2.9850-3.0150" (75.819-76.581 MM)			Min Height: 2.9730" (75.514 MM)			
Intake Pro / Rec: .052-.064" REC (1.321-1.626 MM) *			Exhaust Pro / Rec: .063-.076" REC (1.6-1.93 MM) *			
Casting Numbers: Head #:37116140, 37116180, 3711618A/S, 371161901S, 371168, 37116800						
Notes: 3.1522 DIESEL, CHROMIUM LINERS, DIR INJ						
Comments: * MAX V/REC: .084 INTAKE, .094 EXHAUST						
PERKINS	2.5	152	D(5)	152		152
New Height: 2.985-3.015" (75.819-76.581 MM)			Min Height: 2.973" (75.514 MM)			
Intake Pro / Rec: .052-.064" REC (1.321-1.626 MM) *			Exhaust Pro / Rec: .063-.076" REC (1.6-1.93 MM) *			
Notes: T3.1524 DIESEL, TURBO, CAST IRON LINERS, DIR INJ						
Comments: * MAX V/REC: .084 INTAKE, .094 EXHAUST ** ANGLE IS VARIABLE WITH APPLICATION						
PERKINS	2.5	152	D(6)	152		152
New Height: 2.9850-3.0150" (75.819-76.581 MM)			Min Height: 2.9730" (75.514 MM)			
Intake Pro / Rec: .052-.064" REC (1.321-1.626 MM) *			Exhaust Pro / Rec: .063-.076" REC (1.6-1.93 MM) *			
Notes: T3.1524 DIESEL, TURBO, CHROMIUM LINERS, DIR INJ						
Comments: * MAX V/REC: .084 INTAKE, .094 EXHAUST ** ANGLE IS VARIABLE WITH APPLICATION						

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
PERKINS				3 Cylinders (cont.)		
PERKINS	2.5	152	D(7)	152		152
New Height:	2.9850-3.0150" (75.819-76.581 MM)			Min Height:	2.9730" (75.514 MM)	
Intake Pro / Rec:	.052-.064" REC (1.321-1.626 MM) *			Exhaust Pro / Rec:	.063-.076" REC (1.6-1.93 MM) *	
Notes:	3.1524 DIESEL, CAST IRON LINER, DIR INJ					
Comments:	* MAX V/REC: .084 INTAKE, .094 EXHAUST					
PERKINS	2.5	152	D(8)	152		152
New Height:	2.9850-3.0150" (75.819-76.581 MM)			Min Height:	2.9730" (75.514 MM)	
Intake Pro / Rec:	.052-.064" REC (1.321-1.626 MM) *			Exhaust Pro / Rec:	.063-.076" REC (1.6-1.93 MM) *	
Notes:	3.1524 DIESEL, CHROMIUM LINER, DIR INJ					
Comments:	* MAX V/REC: .084 INTAKE, .094 EXHAUST					
PERKINS	2.5	152	G	152		152
New Height:	2.9850-3.0150" (75.819-76.581 MM)			Min Height:	2.9730" (75.514 MM)	
Intake Pro / Rec:	.057-.080" V/REC (1.448-2.032 MM)			Exhaust Pro / Rec:	.056-.076" V/PRO (1.422-1.93 MM)	
Castling Numbers:	Head #:37116140, 37116180, 3711618A/S, 37116190, 371168, 37116800, 371191601S Block #: 37111500					
Notes:	AG3.152 GAS, USED BY MASSEY FERGUSON 150					
PERKINS	2.7	164		309		309
New Height:	4.1299-4.1377" (104.899-105.098 MM)			Min Height:	4.1220" (104.699 MM)	
Intake Pro / Rec:	.039-.051" V/REC (.991-1.295 MM)			Exhaust Pro / Rec:	.039-.051" V/REC (.991-1.295 MM)	
Notes:	VALMET D SERIES, 309 D/DS					
PERKINS	2.7	165		900 SERIES		900 SERIES
New Height:	3.4488-3.4803" (87.600-88.400 MM)			Exhaust Pro / Rec:	.044-.055" V/REC (1.110-1.390 MM) *	
Intake Pro / Rec:	.063-.075" V/REC (1.600-1.900 MM) *			Notes: DIESEL, TURBO, NATURALLY ASPRTD, DIR INJ, 4-STROKE		
Comments:	* ENGINE TYPES CP & CR. MAX V/REC: INTAKE & EXHAUST=.065" (1.64 MM). ** ROCKER COVER TORQUE: ALUMINUM COVER=22 FT/LBS, PLASTIC COVER=15 FT/LBS.					
PERKINS	3.3	201		311		311
New Height:	4.1299-4.1377" (104.899-105.098 MM)			Min Height:	4.1220" (104.699 MM)	
Intake Pro / Rec:	.039-.051" V/REC (.991-1.295 MM)			Exhaust Pro / Rec:	.039-.051" V/REC (.991-1.295 MM)	
Notes:	VALMET D SERIES, 311D/DS					
PERKINS				4 Cylinders		
PERKINS	1.6	99	D	.99		.99
New Height:	2.6170-2.6330" (66.472-66.878 MM)			Min Height:	2.6170" (66.472 MM)	
Intake Pro / Rec:	.028-.039" V/REC (.711-.991 MM)			Exhaust Pro / Rec:	.021-.032" V/REC (.533-.813 MM)	
Castling Numbers:	Head #:37116500/3					
Notes:	4.99 DIESEL					
PERKINS	1.8	107	D	107		107
New Height:	2.6170-2.6330" (66.472-66.878 MM)			Min Height:	2.6170" (66.472 MM)	
Intake Pro / Rec:	.028-.039" V/REC (.711-.991 MM)			Exhaust Pro / Rec:	.021-.032" V/REC (.533-.813 MM)	
Castling Numbers:	Head #:37116500, 37116590, 37116590-6					
Notes:	4.107 DIESEL, MASSEY FERGUSON 130					
PERKINS	1.8	107	D	108		108
New Height:	2.6170-2.6330" (66.472-66.878 MM)			Min Height:	2.6170" (66.472 MM)	
Intake Pro / Rec:	.028-.039" V/REC (.711-.991 MM)			Exhaust Pro / Rec:	.021-.032" V/REC (.533-.813 MM)	
Castling Numbers:	Head #:3711640019, 37116500, 37116500/3, 37116590, 3711859A/9 Block #: 37112940/5					
Notes:	4.108 DIESEL					
PERKINS	2.0	121		PRIMA		PRIMA
New Height:	4.724-4.728" (119.99-120.091 MM)			Min Height:	4.718" (119.837 MM)	
Intake Pro / Rec:	.035-.049" V/REC (.889-1.245 MM)			Exhaust Pro / Rec:	.051-.065" V/REC (1.295-1.651 MM)	
Notes:	500, 504, M50, M60, M80T, 5000 SERIES DIESEL ALUM HEAD					
PERKINS	2.0	122		104.19		104.19
Intake Pro / Rec:	.026-.037" V/REC (.650-.950 MM)			Exhaust Pro / Rec:	.026-.037" V/REC (.650-.950 MM)	
Notes:	100 SERIES DIESEL, GEHL SKIDSTER					
PERKINS	2.2	135		104.22		104.22
Intake Pro / Rec:	.026-.037" V/REC (.650-.950 MM)			Exhaust Pro / Rec:	.026-.037" V/REC (.650-.950 MM)	
Notes:	100 SERIES DIESEL					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
PERKINS				4 Cylinders		(cont.)
PERKINS	2.5	154	D	154		154
New Height: 3.2480-3.2520" (82.499-82.601 MM)						
Intake Pro / Rec: .029-.041" V/REC (.737-1.041 MM)			Exhaust Pro / Rec: .027-.040" V/REC (.686-1.016 MM)			
Casting Numbers: Head #:4-154, XA154						
Notes: 4.154, 200 SERIES, YALE FORK LIFTS, MAZDA XA						
Comments: OE: NO RESURF DUE-CHAMBERS SPRGS:INNER 1.40" @ 28#; OUTER 2.0" @ 40#						
PERKINS	2.6	159		704		700 SERIES
New Height: 3.1480-3.1510" (79.950-80.050 MM)			Min Height: DO NOT MACHINE UB HEAD			
Intake Pro / Rec: .012-.026" V/REC (.308-.671 MM) *			Exhaust Pro / Rec: .016-.030" V/REC (.408-.771 MM) *			
Notes: DIESEL, UB ENGINE, 700 SERIES, INDIRECT INJECTION						
Comments: * MAX V/REC: INTAKE=.037" (.930 MM), EXHAUST=.041" (1.030 MM)						
PERKINS	3.0	182	D	182	94-99	182
New Height: 3.465" (88.011 mm)						
Intake Hgt: 1.885-1.900" (47.879-48.260 MM) *			Exhaust Hgt: 1.885-1.900" (47.879-48.260 MM) *			
Intake Pro / Rec: .045-.060" V/Rec (1.143-1.524 MM)			Exhaust Pro / Rec: .045-.060" V/Rec (1.143-1.524 MM)			
Notes: 4.182,204.30 SERIES (HA),DIESEL,INDIRECT INJ,MAZDA						
Comments: * REPORTED MEMBER # 26791 + 2805						
PERKINS	3.0	183		704		700 SERIES
New Height: 3.1480-3.1510" (79.950-80.050 MM)			Min Height: 3.142" (79.800 MM)			
Intake Pro / Rec: .015-.029" V/REC (.376-.730 MM) *			Exhaust Pro / Rec: .021-.035" V/REC (.521-.887 MM) *			
Notes: DIESEL, UA ENGINE, 700 SERIES, DIRECT INJECTION						
Comments: * MAX V/REC: INTAKE=.039" (.980 MM), EXHAUST=.045" (1.140 MM)						
PERKINS	3.0	183		704		700 SERIES
New Height: 3.1480-3.1510" (79.950-80.050 MM)			Min Height: 3.142" (79.800 MM)			
Intake Pro / Rec: .015-.029" V/REC (.376-.730 MM) *			Exhaust Pro / Rec: .021-.035" V/REC (.521-.887 MM) *			
Notes: TURBO DIESEL, UC ENGINE, 700 SERIES, DIRECT INJ.						
Comments: * MAX V/REC: INTAKE=.039" (.980 MM), EXHAUST=.045" (1.140 MM)						
PERKINS	3.2	192	D	192		192
New Height: 3.0020" (76.251 MM)						
Intake Pro / Rec: .066-.144" V/REC (1.676-3.658 MM)			Min Height: 2.9800" (75.692 MM)			
Exhaust Pro / Rec: .066-.144" V/REC (1.676-3.658 MM)						
Casting Numbers: Head #:3711627A-1, 3711627A-2X, 37116360						
Notes: 4.192 DIESEL						
PERKINS	3.3	203	D	203		203
New Height: 3.0020" (76.251 MM)						
Intake Pro / Rec: .058-.084" V/REC (1.473-2.134 MM)			Min Height: 2.9850" (75.819 MM)			
Exhaust Pro / Rec: .058-.084" V/REC (1.473-2.134 MM)						
Casting Numbers: Head #:3711627A-1, 3711627A-2, 3711627A-2X, 37116360, 37116410 Block #: 0280095V, 3711205A/1BB, 37112210, 371122501						
Notes: 4.203 DIESEL, DIRECT & INDIRECT INJ. 165 MASSEY						
PERKINS	3.3	203	G	203		203
New Height: 2.9850-3.0150" (75.819-76.581 MM)						
Intake Pro / Rec: .062-.075" V/REC (1.575-1.905 MM)			Min Height: 2.9730" (75.514 MM)			
Exhaust Pro / Rec: .069-.082" V/PRO (1.753-2.083 MM)						
Casting Numbers: Head #:37116230, 37116410 Block #: 37112210, 37112250/2, 37112320						
Notes: 4.203 GAS						
PERKINS	3.5	212		212		212
Intake Pro / Rec: .036-.045" V/REC			Exhaust Pro / Rec: .062-.081" V/PRO			
Casting Numbers: Head #:37116210						
Notes: GAS, MF165 MASSEY FERGUSON						
PERKINS	3.5	212	D	212		212
New Height: 4.0475-4.0775" (102.807-103.569 MM)			Min Height: 4.0355" (102.502 MM)			
Intake Pro / Rec: .035-.045" REC (.889-1.143 MM) *			Exhaust Pro / Rec: .029-.039" REC (.737-.991 MM) *			
Notes: 4.212 DIESEL, FLANGELESS CAST IRON LINER, DIR INJ						
Comments: * EXHAUST V/REC EARLY, EXH V/REC LATER: .047-.057 MAX V/REC:.061 INT, .055 EXH EARLY & .073 EXH LATER						
PERKINS	3.5	212	D(2)	212		212
New Height: 4.0475-4.0775" (102.807-103.569 MM)			Min Height: 4.0355" (102.502 MM)			
Intake Pro / Rec: .035-.045" REC (.889-1.143 MM) *			Exhaust Pro / Rec: .029-.039" REC (.737-.991 MM) *			
Notes: 4.212 DIESEL, FLANGED CAST IRON LINER, DIR INJ						
Comments: * EXH V/REC EARLY, FOR EXH V/REC LATER: .047-.057 MAX REC: .061 INT, .055 EXH EARLY & .073 EXH LATER						

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
PERKINS				4 Cylinders (cont.)		
PERKINS	3.9	236	A	236		236
New Height:	4.0575-4.0675" (103.061-103.315 MM)			Min Height:	4.0335" (102.451 MM)	
Intake Pro / Rec:	.035-.045" V/REC (.889-1.143 MM)			Exhaust Pro / Rec:	.029-.039" (.737-.990 MM)	
Casting Numbers:	Head #:3711604A, 37116440, 37116440/4, 37116820-1, 3711683-A, 3711696A-1, 37116990/1, 3711804A1, 3711804A-1, 86586 Block #: 37113010, 3711340A1					
Notes:	A4.236 DIESEL, MASSEY 175 & 180					
Comments:	INJ. NOZZLE NOT-EXCEED .175 ABOVE DECK					
PERKINS	3.9	236	D	236		236
New Height:	4.0475-4.0775" (102.807-103.569 MM)			Min Height:	4.0335" (102.451 MM)	
Intake Pro / Rec:	.035-.045" REC (.889-1.143 MM) *			Exhaust Pro / Rec:	.047-.057" REC (1.194-1.448 MM) *	
Casting Numbers:	Head #:3711604A, 3711604-A, 37116440, 37116440/4, 37116820-1, 3711683-A, 3711696A-1, 37116990, 37116990/1, 3711804A1, 3711804A-1, 86586 Block #: 37113010, 3711328A-1, 3711333A-1, 3711340A1					
Notes:	4.236 DIESEL, FLANGELESS CAST IRON LINER, DIR INJ					
Comments:	* EXH V/REC EARLY 4.236 ENG=.029-.039, MAX V/REC: INT=.061, EXH=.073 LATE & .055 EARLY. ** EARLY 4.236 ENG WITH 7/16" NUTS=60#.					
PERKINS	3.9	236	D(1)	236		236
New Height:	4.0475-4.0775" (102.807-103.569 MM)			Min Height:	4.0335" (102.451 MM)	
Intake Pro / Rec:	.035-.045" V/REC (.889-1.143 MM)			Exhaust Pro / Rec:	.042-.052" V/REC (1.067-1.321 MM)	
Casting Numbers:	Head #:3711604A, 3711604-A, 37116440, 37116440/4, 37116820-1, 3711683-A, 3711696A-1, 37116990, 37116990/1, 3711804A1, 3711804A-1, 86586 Block #: 3711333A-1					
Notes:	4.236 TURBO DIESEL					
PERKINS	3.9	236	D(2)	236		236
New Height:	4.0475-4.0775" (102.807-103.569 MM)			Min Height:	4.0335" (102.451 MM)	
Intake Pro / Rec:	.035-.045" REC (.889-1.143 MM) *			Exhaust Pro / Rec:	.047-.057" REC (1.194-1.448 MM) *	
Notes:	4.236 DIESEL, FLANGED CAST IRON LINER, DIR INJ					
Comments:	* EXH V/REC EARLY 4.236 ENGINES: .029-.039 MAX V/REC: INTAKE=.061, EXH=.073 LATE & .055 EARLY**EARLY 4.236 ENGINES WITH 7/16" NUTS: 60 FT/LBS					
PERKINS	3.9	236	D(3)	236		236
New Height:	4.0475-4.0775" (102.807-103.569 MM)			Min Height:	4.0335" (102.451 MM)	
Intake Pro / Rec:	.035-.045" REC (.889-1.143 MM) *			Exhaust Pro / Rec:	.047-.057" REC (1.194-1.448 MM) *	
Notes:	4.236 DIESEL, CHROME LINER-THIN WALL, DIR INJ					
Comments:	* EXH V/REC EARLY 4.236 ENG: .029-.039 MAX V/REC: INT=.061, EXH=.073 LATE & .055 EARLY. ** EARLY 4.236 ENG WITH 7/16" NUTS: 60#.					
PERKINS	3.9	236	D(4)	236		236
New Height:	4.0475-4.0775" (102.807-103.569 MM)			Min Height:	4.0335" (102.451 MM)	
Intake Pro / Rec:	.035-.045" REC (.889-1.143 MM) *			Exhaust Pro / Rec:	.047-.057" REC (1.194-1.448 MM) *	
Notes:	4.236 DIESEL, CHROME LINER-THICK WALL, DIR INJ					
Comments:	* EXH V/REC EARLY 4.236 ENG: .029-.039, MAX V/REC: INT=.061, EXH=.073 LATE & .055 EARLY. ** EARLY 4.236 ENG WITH 7/16" NUTS: 60 FT/LBS					
PERKINS	3.9	236	G	236		236
New Height:	4.0475 - 4.0775" (102.806 -103.568 MM)			Min Height:	4.0475" (102.451 MM)	
Intake Pro / Rec:	.036-.045" V/REC (.914-1.143 MM)			Exhaust Pro / Rec:	.062-.082" V/PRO (1.575-2.083 MM)	
Casting Numbers:	Head #:3711604-A, 37116300-3, 37116440, 37116481, 37116820-1, 3711683-A, 3711683-A1, 3711696A-1, 37116990, 3711804A-1 Block #: 37112480-2					
Notes:	GAS, FORKLIFT, LATE MASSEY FERGUSON 180 TRACTOR					
PERKINS	4.0	243		1000	88-96	1000
New Height:	4.047-4.078" (102.794-103.581 MM)			Min Height:	4.035" (102.489 MM)	
Intake Hgt:	1.903" (48.336 MM)			Exhaust Hgt:	1.903" (48.336 MM)	
Intake Pro / Rec:	.050-.063" V/REC (1.27-1.6 MM)			Exhaust Pro / Rec:	.050-.063" V/REC (1.27-1.6 MM)	
Casting Numbers:	Head #:3712H04A/1, 3712H04A/9 Block #: 3711E02A18					
Notes:	DIESEL, PHASER ENGINE					
PERKINS	4.0	243		1004.42	99-03	1004.42
New Height:	4.047-4.078" (102.790-103.590 MM)			Min Height:	4.035" (102.480 MM)	
Intake Pro / Rec:	.055-.067" V/REC (1.400-1.700 MM) *			Exhaust Pro / Rec:	.059-.071" V/REC (1.500-1.800 MM) *	
Notes:	1000 SERIES, AR, AK, AM, AP, AS, AY, YG, YH, YK					
Comments:	* ENG TYPES AR & AS: HEAD DIAM INT=1.776-1.767" & EX=1.649-1.658", VALVE LENGTH INT & EX=4.872-4.897", V/REC INT & EX=.016-.024", SEAT INSERT BORE DIAM INT=1.8911-1.8921" & EX=1.7336-1.7346", VALVE SPRING CLOSED INT & EX=31-34# @ 1.540".					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
PERKINS				4 Cylinders (cont.)		
PERKINS	4.0	243		243		243
New Height:	4.047-4.078" (102.794-103.581 MM)			Min Height:	4.035" (102.489 MM)	
Intake Pro / Rec:	.050-.073" (1.27-1.854 MM)			Exhaust Pro / Rec:	.050-.073" (1.27-1.854 MM)	
Notes:	1000 SERIES, AA, AB, AC, AD, AE, AG, AH					
PERKINS	4.0	243	TURBO	1000	88-96	1000
New Height:	4.047-4.078" (102.794-103.581 MM)			Min Height:	4.035" (102.489 MM)	
Intake Hgt:	1.903" (48.336 MM)			Exhaust Hgt:	1.903" (48.336 MM)	
Intake Pro / Rec:	.050-.063" V/REC (1.27-1.60 MM)			Exhaust Pro / Rec:	.050-.072" V/REC (1.27-1.82 MM)	
Castings Numbers:	Head #:3711694/5, 3712H04A/1					
Notes:	DIESEL, TURBO, PHASER ENGINE					
Comments:	SEE TB 1756					
PERKINS	4.1	248		4.41		4.41
New Height:	4.0470-4.0780" (102.794-103.581 MM)			Min Height:	4.0350" (102.489 MM)	
Intake Pro / Rec:	.050-.063" REC (1.27-1.6 MM) *			Exhaust Pro / Rec:	.050-.063" REC (1.27-1.6 MM) *	
Notes:	DIESEL,4 STROKE,NATL ASP,DIR INJ,& MASSEY FERGUSON					
Comments:	* MAX V/REC .073 INTAKE & EXHAUST					
PERKINS	4.1	248	D	248		248
New Height:	4.0475-4.0775" (102.807 TO 103.569 MM)			Min Height:	4.0335" (102.451 MM)	
Intake Pro / Rec:	.035-.045" REC (.889 TO 1.143 MM) *			Exhaust Pro / Rec:	.047-.057" REC (1.194 TO 1.448 MM) *	
Castings Numbers:	Head #:3711604-A, 37116440, 37116820-1, 3711683-A, 3711696A-1, 37116990, 37116990/1, 3711804A-1, 371180A1					
	Block #: 37113010, 3711343A.3					
Notes:	4.248 DIESEL, 4 STROKE, DIR INJ					
Comments:	* EXHAUST V/REC EARLY 4.248 ENGINES: .029-.039 MAX V/REC: INTAKE=.061, EXH=.073 LATE & .055 EARLY					
PERKINS	4.1	248	D(2)	248		248
New Height:	4.0475-4.0775" (102.807-103.569 MM)			Min Height:	4.0335" (102.451 MM)	
Intake Pro / Rec:	.035-.045" REC (.889-1.143 MM) *			Exhaust Pro / Rec:	.047-.057" REC (1.194-1.448 MM) *	
Castings Numbers:	Head #:3711604-A, 37116440, 37116820-1, 3711683-A, 3711696A-1, 37116990, 37116990/1, 3711804A-1					
	Block #: 37113010					
Notes:	4.2482 DIESEL, 4 STROKE, DIR INJ					
Comments:	* EXHAUST V/REC EARLY ENGINES=.029-.039 MAX V/REC INTAKE=.061, EXH=.073 LATE & .055 EARLY					
PERKINS	4.4	268		411		411
New Height:	4.1299-4.1377" (104.899-105.098 MM)			Min Height:	4.1220" (104.699 MM)	
Intake Pro / Rec:	.039-.051" V/REC (.991-1.295 MM)			Exhaust Pro / Rec:	.039-.051" V/REC (.991-1.295 MM)	
Notes:	VALMET D SERIES, 411D					
PERKINS	4.4	270	D	270		270
Intake Pro / Rec:	.057-.070" V/REC (1.448-1.778 MM)			Exhaust Pro / Rec:	.053-.065" V/REC (1.346-1.651 MM)	
Notes:	4.270 DIESEL					
PERKINS	5.0	302		302		302
Intake Pro / Rec:	.061-.100" V/REC (1.549-2.54 MM)			Exhaust Pro / Rec:	.056-.100" V/REC (1.422-2.54 MM)	
Castings Numbers:	Head #:0290012, 0290012M1, 37116200, 37116350, 37116360					
Notes:	MASSEY FERGUSON, SUPER 90 (A4.300)					
PERKINS	5.2	318		318		318
New Height:	3.2500" (82.55 MM)			Min Height:	3.2300" (82.042 MM)	
Intake Pro / Rec:	.057-.071" V/REC (1.448-1.803 MM)			Exhaust Pro / Rec:	.052-.065" V/REC (1.321-1.651 MM)	
Castings Numbers:	Head #:3711620, 37116200, 37116204, 37116240, 37116240-1					
	Block #: 37112800					
Notes:	285, 1080, 1085 MASSEY FERGUSON 4.318 DIESEL					
PERKINS				6 Cylinders		
PERKINS	5.8	354		354		354
New Height:	3.2350-3.2650" (82.169-82.931 MM)			Min Height:	3.2230" (81.864 MM)	
Intake Pro / Rec:	.029-.050" V/REC (.737-1.270 MM)			Exhaust Pro / Rec:	.029-.050" V/REC (.737-1.270 MM)	
Castings Numbers:	Head #:37116580, 37116660, 37116669-8, 37116680, 37116690-6, 377110740					
	Block #: 37711404A					
Notes:	6.354, 2-105 WHITE, NON-TURBO					
Comments:	* LONG SPRING SPECS ON PREVIOUS PAGE. SHORT SPRING SPECS I & E - OUTER: 40-44# @ 1.410, INNER: 20-23# @ 1.340					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
PERKINS				6 Cylinders (cont.)		
PERKINS	5.8	354		354.1		354.1
New Height:	3.2350-3.2650" (82.169-82.931 MM)			Min Height:	3.2230" (81.864 MM)	
Intake Pro / Rec:	.029-.050" V/REC (.737-1.27 MM)			Exhaust Pro / Rec:	.029-.050" V/REC (.737-1.27 MM)	
 Casting Numbers:	Head #:37116580, 37116660, 37116660-8, 37116669-8, 37116680, 37116680-8, 37116690-6, 37116740, 3716690-6, 377110740, 377116740 Block #: 37711404A					
Notes:	6.3541, TURBO, 1105 & 1135 MASSEY FERGUSON					
Comments:	* ENGINES AFTER SERIAL NUMBER 3543U10342TL V/REC=.040-.050" FOR BOTH VALVES.					
PERKINS	5.8	354		354.2		354.2
New Height:	3.2350-3.2650" (82.169-82.931 MM)			Min Height:	3.2230" (81.864 MM)	
Intake Pro / Rec:	.029-.050" V/REC (.737-1.27 MM)			Exhaust Pro / Rec:	.029-.050" V/REC (.737-1.27 MM)	
 Casting Numbers:	Head #:37116580, 37116660, 37116660-8, 37116669-8, 37116680, 37116680-8, 37116690-6, 3716690-6, 377110740, 377116740 Block #: 37711404A					
Notes:	6.3542, TURBO					
Comments:	* ENGINES AFTER SERIAL NUMBER 3543U10342TL V/REC=.040-.050" FOR BOTH VALVES.					
PERKINS	5.8	354		3543		3543
New Height:	3.2350-3.2650" (82.169-82.931 MM)			Min Height:	3.2230" (81.864 MM)	
Intake Pro / Rec:	.029-.050" * V/REC (.737-1.27 MM)			Exhaust Pro / Rec:	.029-.050" * V/REC (.737-1.27 MM)	
 Casting Numbers:	Head #:37116660-8, 37116680-8, 3716690-6, 377110740, 377116740 Block #: 37711404A					
Notes:	T6.3543, TURBO, THERE IS A SERIAL # BREAK @ 10342TL					
Comments:	** LONG SPG, SHORT SPG SPECS - OUTER: I & E=40-44# @ 1.41, INNER: I & E=20-23# @ 1.34 * AT SERIAL # BREAK V/REC=.040-.050 & LASH=.008 I & .018 E					
PERKINS	5.8	354		3544		3544
New Height:	3.2350-3.2650" (82.169-82.931 MM)			Min Height:	3.2230" (81.864 MM)	
Intake Pro / Rec:	.029-.050" V/REC (.737-1.27 MM)			Exhaust Pro / Rec:	.029-.050" V/REC (.737-1.27 MM)	
 Casting Numbers:	Head #:37116580, 37116660, 37116660-8, 37116669-8, 37116680, 37116680-8, 37116690-6, 3716690-6, 377110740, 377116740 Block #: 37711404A, 37711404A					
Notes:	T6.3544, TURBO					
Comments:	* LONG SPRING SPECS ON PREVIOUS PAGE. SHORT SPRING SPECS I & E: OUTER 40-44# @ 1.410, INNER 20-23# @ 1.340					
PERKINS	5.8	354	1	3544		3544
New Height:	3.7350-3.7650" (94.869-95.631 MM)			Min Height:	3.7230" (94.564 MM)	
Intake Pro / Rec:	.040-.050" V/REC (1.016-1.27 MM)			Exhaust Pro / Rec:	.040-.050" V/REC (1.016-1.27 MM)	
 Casting Numbers:	Head #:37116660-8, 37116680-8, 3711690A/5, 3716690-6, 377110740, 377116740 Block #: 37711404A					
Notes:	6.3544, NON-TURBO					
Comments:	* LONG SPRING SPECS ON PREVIOUS PAGE, SHORT SPRING SPECS: OUTER I & E: 40-44# @ 1.410, INNER I & E: 20-23# @ 1.340					
PERKINS	6.0	365		365		365
New Height:	4.047-4.078" (102.794-103.581 MM)			Min Height:	4.035" (102.489 MM)	
Intake Pro / Rec:	.050-.073" (1.27-1.854 MM)			Exhaust Pro / Rec:	.050-.073" (1.27-1.854 MM)	
Notes:	1000 SERIES, YA, YB, YC, YD, YE					
PERKINS	6.1	372	D	372		372
New Height:	3.7350-3.7650" (94.869-95.631 MM)			Min Height:	3.7230" (94.564 MM)	
Intake Pro / Rec:	.035-.045" V/REC (.889-1.143 MM)			Exhaust Pro / Rec:	.042-.052" V/REC (1.067-1.321 MM)	
 Casting Numbers:	Head #:3711690A/3					
Notes:	6.372 DIESEL					
Comments:	4.236 & 4.248 ENGINES INJ NOZZLE NOT-EXCEED .175 ABOVE DECK					
PERKINS	6.6	402		611		611
New Height:	4.1299-4.1377" (104.899-105.098 MM)			Min Height:	4.1220" (104.699 MM)	
Intake Pro / Rec:	.039-.051" V/REC (.991-1.295 MM)			Exhaust Pro / Rec:	.039-.051" V/REC (.991-1.295 MM)	
Notes:	VALMET D SERIES, 611DS/DSB					
PERKINS	7.4	450		612		612
New Height:	4.1299-4.1377" (104.899-105.098 MM)			Min Height:	4.1220" (104.699 MM)	
Intake Pro / Rec:	.039-.051" V/REC (.991-1.295 MM)			Exhaust Pro / Rec:	.039-.051" V/REC (.991-1.295 MM)	
Notes:	VALMET D SERIES, 612DS					
PERKINS	12.2	743		2000 SERIES		2000 SERIES
Intake Pro / Rec:	.001-.013" V/REC (.025-.330 MM) *			Exhaust Pro / Rec:	.001-.013" V/REC (.025-.330 MM) *	
Notes:	TURBO DIESEL, TG1 & 1A, TG2 & 2A, TAG&G2, TWG&G2, TTAG					
Comments:	* MAX VALVE RECESSON .025" (.633 MM) INTAKE & EXHAUST.					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
PERKINS				8 Cylinders		
PERKINS	8.3	504		504		504
New Height:	3.9850-4.0150" (101.219-101.981 MM)			Min Height:	3.9700" (100.838 MM)	
Intake Pro / Rec:	.048-.058" V/PRO (1.219-1.473 MM)			Exhaust Pro / Rec:	.048-.058" V/PRO (1.219-1.473 MM)	
Castings Numbers:	Head #:31337290, 37117840-1					
Notes:	DIESEL					
PERKINS	8.4	510		510		510
New Height:	3.9850-4.0150" (101.219-101.981 MM)			Min Height:	3.9700" (100.838 MM)	
Intake Pro / Rec:	.042-.052" V/PRO (1.067-1.321 MM)			Exhaust Pro / Rec:	.049-.059" V/PRO (1.245-1.499 MM)	
Castings Numbers:	Head #:37117840-1					
Notes:	8.510					
Comments:	* STD NON-ROTATOR OUTER SPG: 69-76# @ 1.833 * STD NON-ROTATOR INNER SPG: 30-33# @ 1.553					
PERKINS	8.9	540		540		540
New Height:	3.9850-4.0150" (101.219-101.981 MM)			Min Height:	3.9700" (100.838 MM)	
Intake Pro / Rec:	.042-.052" V/PRO (1.067-1.321 MM)			Exhaust Pro / Rec:	.048-.058" V/PRO (1.219-1.473 MM)	
Castings Numbers:	Head #:371177702, 37117840-1					
Notes:	DIESEL, V8.540					
PERKINS	8.9	540	TURBO	540		540
New Height:	3.9850-4.0150" (101.219-101.981 MM)			Min Height:	3.9700" (100.838 MM)	
Intake Pro / Rec:	.042-.052" V/PRO (1.067-1.321 MM)			Exhaust Pro / Rec:	.048-.058" V/PRO (1.219-1.473 MM)	
Castings Numbers:	Head #:371177702, 37117840-1					
Notes:	TURBO DIESEL, TV8.540					
PERKINS	10.5	640		640		640
New Height:	3.985-4.015" (101.219-101.981 MM)			Min Height:	3.970" (100.838 MM)	
Intake Pro / Rec:	.051-.067" REC (1.295-1.702 MM) *			Exhaust Pro / Rec:	.041-.057" REC (1.041-1.448 MM) *	
Castings Numbers:	Head #:37117840					
Notes:	V8.640 & TV8.640					
Comments:	* MAX V/REC: INTAKE .102, EXHAUST .097 ** LARGE SIZE: ROCKER SHAFT DIAMETER .8722-.8734, ROCKER BORE DIAMETER .8750-.8772, CLR .0016-.0050					
PEUGEOT				3 Cylinders		
PEUGEOT	0.0	0		TUD5		TUD5
New Height:	5.3661-5.3740" (136.300-136.500 MM)			Exhaust Pro / Rec:	.040-.055" V/REC (1.050-1.390 MM)	
Intake Pro / Rec:	.033-.047" V/REC (.850-1.190 MM)					
Notes:	DIESEL					
PEUGEOT				4 Cylinders		
PEUGEOT	1.6	97	A			83-86
New Height:	3.5180" (89.357 MM)			Min Height:	3.4940" (88.748 MM)	
Intake Hgt:	1.7100-1.7300" (43.434-43.942 MM)			Exhaust Hgt:	1.7100-1.7300" (43.434-43.942 MM)	
Castings Numbers:	Head #:405949					
Notes:	OMNI, OHV, ALSO USED IN CHRYSLER					
PEUGEOT	1.9	116				88-91
New Height:	6.2572" (158.933 MM) *			Min Height:	6.2492" (158.73 MM) *	
Castings Numbers:	Head #:4588					
Notes:	SOHC, 405S					
Comments:	* MEASURED FROM TOP OF CAM-DECK WITH CAM LAYING IN BORES. .012" THICKER GASKET AVAILABLE					
PEUGEOT	1.9	116		XUD9	95-96	XUD9
New Height:	6.197-6.210" (157.400-157.750 MM) W/CAMSHAF			Exhaust Pro / Rec:	.035-.057" V/REC (.900-1.450 MM)	
Intake Pro / Rec:	.020-.041" V/REC (.500-1.050 MM)					
Notes:	DIESEL, MELROE BOBCAT 751 BICS, LIQUID COOLED					
Comments:	* MEASURED FROM HEAD GASKET SURFACE TO VALVE GUIDE.					
PEUGEOT	1.9	116	DOHC			88-91
New Height:	5.1909-5.2027" (131.849-132.149 MM)			Min Height:	5.1831" (131.651 MM)	
Notes:	DOHC, 405S					
Comments:	* MEASURED FROM TOP OF CAM-DECK WITH CAM LAYING IN BORES. .012" THICKER GASKET AVAILABLE					
PEUGEOT	2.0	119	D	XD88		XD88
New Height:	3.5374-3.5492" (89.85-90.15 MM)			Min Height:	3.518" (89.357 MM)	
Intake Pro / Rec:	.033-.049" V/REC (.838-1.245 MM)			Exhaust Pro / Rec:	.033-.049" V/REC (.838-1.245 MM)	
Notes:	MARINE DIESEL, XDP4.88					
Comments:	* MEASURED FROM HEAD GASKET SURFACE					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
PEUGEOT				4 Cylinders (cont.)		
PEUGEOT	2.0	120	XN		71-79	XN1P
New Height:	3.6360-3.6480" (92.354-92.659 MM)			Min Height:	3.6160" (91.846 MM)	
Intake Hgt:	1.7000-1.7300" (43.180-43.942 MM)			Exhaust Hgt:	1.7000-1.7300" (43.180-43.942 MM)	
Casting Numbers:	Head #:02821					
Notes:	XN1P, OHV, GAS, 504					
PEUGEOT	2.0	120	XN6		80-87	
New Height:	3.6360-3.6480" (92.354-92.659 MM)			Min Height:	3.6160" (91.846 MM)	
Intake Hgt:	1.700-1.730" (43.18-43.942 MM)			Exhaust Hgt:	1.700-1.730" (43.18-43.942 MM)	
Casting Numbers:	Head #:9430004021, XN6					
Notes:	OHV, GAS, 505					
Comments:	USE NEW SPARK PLUG TUBES; INSTALL-HEIGHT ABOVE HEAD OF 2.835" RETORQUE H/BOLT AFTER 1500 MILES					
PEUGEOT	2.2	132			85-90	
New Height:	6.0000" (152.4 MM)			Min Height:	5.9920" (152.197 MM)	
Casting Numbers:	Head #:3UU3727, 9430003221, N9T Block #: 519, N9T					
Notes:	N9T 505 TURBO GAS					
PEUGEOT	2.2	132	1		87-90	
New Height:	6.0000" (152.4 MM)			Min Height:	5.9920" (152.197 MM)	
Notes:	505 GAS ZDJL					
PEUGEOT	2.2	132	ZDJL		85-86	
New Height:	4.3937" (111.6 MM)			Min Height:	4.3858" (111.399 MM)	
Notes:	505 NON/TURBO GAS					
PEUGEOT	2.3	141			77-81	XD2, XD2P4.94
New Height:	3.5440" (90.018 MM)			Min Height:	3.518" (89.357 MM)	
Intake Pro / Rec:	.030-.045" V/REC (.762-1.143 MM)			Exhaust Pro / Rec:	.030-.045" V/REC (.762-1.143 MM)	
Casting Numbers:	Head #:7940103012					
Notes:	DIESEL, XD2, XD2P4.94, 4-STROKE, LIQUID COOLED					
Comments:	* MEASURED FROM HEAD GASKET SURFACE			2.312" WATER PUMP HOLE		
PEUGEOT	2.3	141	XD		85-88	XD2S, XD2PS
New Height:	3.5420-3.5460" (89.967-90.068 MM)			Min Height:	3.518" (89.357 MM)	
Intake Pro / Rec:	.041-.047" V/REC (1.041-1.194 MM)			Exhaust Pro / Rec:	.033-.047" V/REC (.838-1.194 MM)	
Casting Numbers:	Head #:7940101701, 7940102662, 7940102663, 7940103012					
Notes:	TURBO DIESEL, XD2S, XD2PS, XD2PT, 4-STROKE, LIQUID COOL					
Comments:	* MEASURED FROM HEAD GASKET SURFACE					
PEUGEOT	2.5	152	D		85-88	XD3PT
New Height:	3.5450-3.5500" (90.043-90.17 MM)			Exhaust Pro / Rec:	.035-.060" V/REC (.889-1.524 MM)	
Intake Pro / Rec:	.035-.060" V/REC (.889-1.524 MM)					
Casting Numbers:	Head #:7940102641					
Notes:	XD3PT TURBO DIESEL, 505 SEDAN					
Comments:	XD3PT DIESEL ENGINE			505 TURBO SEDAN		
PORSCHE				4 Cylinders		
PORSCHE	2.0	121	M3	924	80-82	
New Height:	5.5120" (140.005 MM) *			Min Height:	5.4940" (139.548 MM) *	
Casting Numbers:	Head #:060103373B, 47103373, 9311043013R Block #: 04610302A					
Notes:	TURBO 924, EFI, OHC, 1984 CC					
Comments:	* MEASURED FROM LOCATING HOLES-DECK OF HEAD **THEN LOOSEN 30° & TGHTN AS BEFORE. RUN ENG-176°F, LET COOL, THEN LOOSEN 30° & TGHTN AS BEFORE.					
PORSCHE	2.0	121	VC	924	80-82	
New Height:	5.5120" (140.005 MM) *			Min Height:	5.4940" (139.548 MM) *	
Casting Numbers:	Head #:060103373B, 47103373					
Notes:	EFI, OHC, 924, 1984 CC					
Comments:	* MEASURED FROM LOCATING HOLES-DECK OF HEAD					
PORSCHE	2.0	121	XE	924	77-79	
New Height:	5.5120" (140.005 MM) *			Min Height:	5.4940" (139.548 MM) *	
Casting Numbers:	Head #:047103373, 060103373B, 47103373					
Notes:	EFI, OHC, 924, 1984 CC					
Comments:	* MEASURED FROM LOCATING HOLES-DECK OF HEAD					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
PORSCHE				4 Cylinders (cont.)		
PORSCHE	2.0	121	XF	924	77	
New Height: 5.5120" (140.005 MM) *				Min Height: 5.4940" (139.548 MM) *		
Castings Numbers: Head #:060103373B, 47103373						
Notes: EFI, OHC, 924, 1984 CC						
Comments: * MEASURED FROM LOCATING HOLES-DECK OF HEAD						
PORSCHE	2.0	121	XG	924	76-79	
New Height: 5.5120" (140.005 MM) *				Min Height: 5.4940" (139.548 MM) *		
Castings Numbers: Head #:060103373B, 47103373						
Notes: EFI, OHC, 924, 1984CC						
Comments: * MEASURED FROM LOCATING HOLES-DECK OF HEAD						
PORSCHE	2.0	121	XH	924	76-77	
New Height: 5.5120" (140.005 MM) *				Min Height: 5.4940" (139.548 MM) *		
Castings Numbers: Head #:060103373B, 47103373						
Notes: EFI, OHC, 924, 1984 CC						
Comments: * MEASURED FROM LOCATING HOLES-DECK OF HEAD						
PORSCHE	2.5	151	42	924S	87-88	
New Height: .9410-.9490" (23.901-24.105 MM) *				Min Height: .937", .929" WITH THICKER GASKET *		
Intake Hgt: .519-.554" (13.183-14.072 MM) **				Exhaust Hgt: .519-.554" (13.183-14.072 MM) **		
Castings Numbers: Head #:944-1043036R, 944-1043038R, 944-1044133R						
Notes: 924S, 944, SOHC, MFI						
Comments: * MEASURED FROM PAD THRU HEAD-DECK.					** MEASURED FROM CAM	
CARRIER MOUNT SURFACE-V/TIP			*** WASHERS MUST NOT TURN WHEN TORQUING		HEAD BOLTS.	
PORSCHE	2.5	151	43D	944	82-88	
New Height: .9410-.9490" (23.901-24.105 MM)				Min Height: .937 * MIN .929 WITH A THICKER HEAD		
Intake Hgt: .519-.554" (13.183-14.072 MM) **				Exhaust Hgt: .519-.554" (13.183-14.072 MM) **		
Castings Numbers: Head #:944-1043036R, 944-1043037R, 944-1043038R, 944-1044133R						
Notes: 944, SOHC, MFI						
Comments: ** MEASURED FROM CAM CARRIER MOUNT SURFACE-V/TIP					* MEASURE FROM THE	
SHORT HEAD BOLT BOSS DOWN TO THE DECK						
PORSCHE	2.5	151	45H	944	86-91	
New Height: .9410-.9490" (23.901-24.105 MM) *				Min Height: .937 * .929 WITH THICKER GASKET		
Intake Hgt: .519-.554" (13.183-14.072 MM) **				Exhaust Hgt: .519-.554" (13.183-14.072 MM) **		
Castings Numbers: Head #:9441043036R, 9511043031R						
Notes: 944 TURBO, SOHC, MFI						
Comments: * MEASURED FROM PAD THRU HEAD-DECK. ** MEASURED FROM CAM CARRIER MOUNT SURFACE-V/TIP						
PORSCHE	2.5	151	45J	944S	87-88	
New Height: 5.7874-5.7913" (147.-147.099 MM)				Min Height: 5.7795", 5.7720" *		
Intake Hgt: 1.6929" (43. MM) **				Exhaust Hgt: 1.6575" (42.101 MM) **		
Castings Numbers: Head #:944104413ER						
Notes: 944S DOHC, M44.40						
Comments: * 5.772 W / THICKER GASKET ** MEASURE W / SHIM INCLUDED, BUT NOT THE SPRING CUP ***						
WASHERS MUST NOT TURN WHEN TORQUING HEAD BOLTS.						
PORSCHE	2.5	151	46	944	88	
New Height: .9410-.9490" (23.901-24.105 MM) *				Min Height: .937", .929" WITH THICKER GASKET *		
Intake Hgt: .519-.554" (13.183-14.072 MM) **				Exhaust Hgt: .519-.554" (13.183-14.072 MM) **		
Castings Numbers: Head #:9511043031R						
Notes: 944, SOHC, MFI						
Comments: * MEASURED FROM PAD THRU HEAD-DECK. ** MEASURED FROM CAM CARRIER MOUNT SURFACE-V/TIP.					*** WASHERS MUST NOT TURN WHEN TORQUING HEAD BOLTS.	
PORSCHE	2.5	151	47	944	89	
New Height: .9410-.9490" (23.901-24.105 MM) *				Min Height: .937", .929" WITH THICKER GASKET *		
Intake Hgt: .519-.554" (13.183-14.072 MM) **				Exhaust Hgt: .519-.554" (13.183-14.072 MM) **		
Castings Numbers: Head #:9511043031R						
Notes: 944 TURBO, SOHC, MFI						
Comments: * MEASURED FROM PAD THRU HEAD-DECK. ** MEASURED FROM CAM CARRIER MOUNT SURFACE-V/TIP						
PORSCHE				6 Cylinders		
PORSCHE	2.5	153		BOXSTER	97-05	M96/20
New Height: 5.5827" (141.800 MM)						
Notes: DOHC, BOXSTER						

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
PORSCHE						6 Cylinders (cont.)
PORSCHE	2.7	165		BOXSTER	97-05	M96/22
New Height: 5.5827" (141.800 MM)						
Notes: DOHC, BOXSTER						
PORSCHE	3.2	193		911 CARRERA	84-89	
Intake Hgt: 1.925-1.933" (48.900-49.100 MM)			Exhaust Hgt: 1.629-1.637" (41.400-41.600 MM)			
Notes: MFI, 911 CARRERA						
PORSCHE	3.2	195		BOXSTER S	00-05	M96/21
New Height: 5.5827" (141.800 MM)						
Notes: DOHC, BOXSTER S						
PORSCHE	3.3	201	67	911	81-86	
Intake Hgt: 1.7990-1.8230" (45.695-46.304 MM)			Exhaust Hgt: 1.7990-1.8230" (45.695-46.304 MM)			
Notes: 911 TURBO, EFI(81-83), MPI(84-86)						
PORSCHE	3.3	201	68	911	86-89	
Intake Hgt: 1.7990-1.8230" (45.695-46.304 MM)			Exhaust Hgt: 1.7990-1.8230" (45.695-46.304 MM)			
Casting Numbers: Head #:930102						
Notes: 911 TURBO, MFI						
Comments: * GUIDE PRESS FIT PRODUCTION .0012-.0023" (.031-.060 MM), REPLACEMENT GUIDE PRESS FIT .0024-.0035" (.060-.090 MM)						
PORSCHE	3.3	201	68(2)	911	78-86	
Intake Hgt: 1.7990-1.8230" (45.695-46.304 MM)			Exhaust Hgt: 1.7990-1.8230" (45.695-46.304 MM)			
Notes: 911 TURBO, EFI, 930 TURBO						
PORSCHE	3.6	220	M64	911 CARRERA	89-96	
Intake Hgt: 1.7800-1.8030" (45.212-45.796 MM)			Exhaust Hgt: 1.7800-1.8030" (45.212-45.796 MM)			
Notes: CARRERA 2 & 4, 911						
Comments: * SIDE TO SIDE PLAY MEASURED WITH A DIAL INDICATOR NO OTHER INFORMATION IS OFFERED FROM PORSCHE						
PORSCHE						8 Cylinders
PORSCHE	4.5	273	81	928	80-82	
Intake Hgt: 1.6300-1.6500" (41.402-41.91 MM)			Exhaust Hgt: 1.6700-1.6900" (42.418-42.926 MM)			
Notes: EFI, 928						
PORSCHE	4.5	273	82	928	78-79	
Intake Hgt: 1.6300-1.6500" (41.402-41.91 MM)			Exhaust Hgt: 1.6700-1.6900" (42.418-42.926 MM)			
Notes: EFI, 928						
PORSCHE	4.7	285	83	928S	83-84	
Intake Hgt: 1.6300-1.6500" (41.402-41.91 MM)			Exhaust Hgt: 1.6700-1.6900" (42.418-42.926 MM)			
Notes: MPI, 928S						
Comments: * PHOSPHATED HEAD BOLTS ARE GRAYISH BLACK , ZINC COATED BOLTS ARE YELLOWISH GOLD. **3 DIFF SPRG ASSMBL USED-DO NOT MIX: 1 WHITE LINE I=1.634 E=1.594, 2-3 WHITE LINE I=1.614 E=1.575						
PORSCHE	5.0	302	81	928	86-92	
New Height: 5.7874-5.7913" (147.-147.099 MM) *			Min Height: 5.7795" (146.799 MM)			
Intake Hgt: 1.5630-1.5830" (39.7-40.208 MM)			Exhaust Hgt: 1.5240-1.5430" (38.71-39.192 MM)			
Notes: MFI, 928, DOHC						
Comments: * 5.896-5.899" REPORTED 8-15-01 MC						
PORSCHE	5.0	302	85	928	89-92	
New Height: 5.7874-5.7913" (147.-147.099 MM)			Min Height: 5.7795" (146.799 MM)			
Notes: MFI, 928, DOHC						
PORSCHE	5.0	302	V	928	85-86	
New Height: 5.7874-5.7913" (147.-147.099 MM)			Min Height: 5.7795" (146.799 MM)			
Intake Hgt: 1.6929" (43. MM)			Exhaust Hgt: 1.6575" (42.101 MM)			
Casting Numbers: Head #:9281044112R, 9281044131R						
Notes: MPI, 928, DOHC						
RENAULT						1 Cylinder
RENAULT	0.3	16	RC8D			
Intake Pro / Rec: .018-.028" V/REC (.457-.711 MM)			Exhaust Pro / Rec: .018-.028" V/REC (.457-.711 MM)			
Notes: MARINE DIESEL, 4 STROKE						

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
RENAULT				4 Cylinders		
RENAULT	1.1	67	R688			R688
New Height: 2.8170" (71.552 MM)				Min Height: 2.8050" (71.247 MM)		
Casting Numbers: Head #:2563536, 770053018						
Notes: USED BY TORO & CASE,SOLD & DISTRBTD BY CONTINENTAL						
RENAULT	1.3	79		LE CAR 810	76-79	R1228
New Height: 2.8346" (71.999 MM)				Min Height: 2.8149" (71.498 MM)		
Notes: R1228, 810 LECAR						
RENAULT	1.4	85		LE CAR	80-84	R1229, R1399
New Height: 2.8661" (72.799 MM)				Min Height: 2.8464" (72.299 MM)		
Casting Numbers: Head #:8096, 9608						
Notes: R1229, R1399, 847 LECAR						
RENAULT	1.6	95	821	R16	68-72	R16
New Height: 3.2066" (81.448 MM)				Min Height: 3.1948" (81.148 MM)		
Notes: R 16, 1565 CC						
RENAULT	1.6	101		18l	81-84	R1348, R1358
New Height: 3.6900" (93.726 MM)				Min Height: 3.6700" (93.218 MM)		
Casting Numbers: Head #:7700597415						
Notes: 18l, R1348, R1358, 843						
RENAULT	1.7	105	A		85-87	
New Height: 6.6660-6.7800" (169.316-172.212 MM)				Min Height: 6.6660" (169.316 MM)		
Intake Pro / Rec: .031-.043" V/REC (.787-1.092 MM)				Exhaust Pro / Rec: .031-.043" V/REC (.787-1.092 MM)		
Casting Numbers: Head #:3700						
Notes: USED BY CHRYSLER ALSO						
Comments: * SEE TB654 FOR HEAD TORQUING SEQUENCE						
RENAULT	2.0	120	V		87	
New Height: 6.666-6.680" (169.316-169.672 MM)				Min Height: 6.660" (169.164 MM)		
Intake Pro / Rec: .031-.043" V/REC (.787-1.092 MM)				Exhaust Pro / Rec: .031-.043" V/REC (.787-1.092 MM)		
Notes: GTA, EFI						
Comments: * SEE TB654 FOR TORQUING SEQUENCE						
RENAULT	2.1	126	D	J8S232	83-86	J8S232, J8S23
New Height: 4.1125-4.1155" (104.458-104.534 MM)				Min Height: DO NOT SURFACE		
Intake Pro / Rec: .032-.045" V/REC (.813-1.143 MM)				Exhaust Pro / Rec: .032-.045" V/REC (.813-1.143 MM)		
Casting Numbers: Head #:549C06, 597972						
Notes: J8S232 DIESEL, J8S234 TURBO INTERCOOLED DIESEL						
RENAULT	2.2	132			86-91	
New Height: 4.4000" (111.76 MM)				Exhaust Hgt: 1.7200-1.7400" (43.688-44.196 MM)		
Intake Hgt: 1.7300-1.7500" (43.942-44.45 MM)						
Casting Numbers: Head #:8451						
Notes: OHC, MEDALLION, FUEGO, SPORTWAGON						
Comments: LATE MODEL, CAM GOES THRU HEAD						
RENAULT	2.2	132	1		84-85	
New Height: 4.4000" (111.76 MM)				Exhaust Hgt: 1.7200-1.7400" (43.688-44.196 MM)		
Intake Hgt: 1.7300-1.7500" (43.942-44.45 MM)						
Notes: OHC, FUEGO, SPORTWAGON						
ROLLS ROYCE				8 Cylinders		
ROLLS ROYCE	0.0	0			70-72	
Intake Hgt: 2.0450" (51.943 MM)				Exhaust Hgt: 2.1450" (54.483 MM)		
Casting Numbers: Head #:UE37352, UE9626						
Notes: CORNICHE						
ROVER				4 Cylinders		
ROVER	2.0	122				
New Height: 5.315-5.619" (135.000-135.100 MM)						
Notes: TURBO DIESEL, LAND ROVER						
ROVER				6 Cylinders		
ROVER	2.5	152		FREELANDER	02-05	KV6
New Height: 4.683-4.687" (118.950-119.050 MM)				Exhaust Hgt: 1.533-1.569" (38.930-39.840 MM)		
Intake Hgt: 1.533-1.569" (38.930-39.840 MM)						
Notes: LAND ROVER FREELANDER, DIR INJ PETROL, 24 VALVE						

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
ROVER						8 Cylinders
ROVER	3.5	217			79-87	
Intake Hgt:	1.7500" (44.45 MM) *			Exhaust Hgt:	1.7500" (44.45 MM) *	
Casting Numbers:	Head #:1193741, 1358219, 577746, 581829, 588534, 741 Block #: 1193724, 63724					
Notes:	BUICK, LANDROVER					
Comments:	ALUMINUM HEAD * 1.9250-1.955" MEASURED FROM ROCKER COVER-TIP. **HEAD TORQUE FOR ENGINE NUMBERS WITH SUFFIX "B": 15 FT/LBS, +90r, +90r.					
ROVER	3.9	241			89-96	
Notes:	RANGE ROVER, OHV					
Comments:	* WHEN REPLACING THE OEM STEEL SHIM HEAD GASKET					
ROVER	3.9	241	2		89-96	
Intake Hgt:	1.7410-1.802" (44.163-45.288 MM) *			Min Height:	** .8930" USING COMPOSITION GASKET	
Exhaust Hgt:	1.7410-1.802" (44.163-45.288 MM) *					
Casting Numbers:	Head #:1193741, 1358219, 577746, 581829, 588534, 741, 7E652, ERC0216 Block #: 1193724, 63724					
Notes:	RANGE ROVER, OHV					
Comments:	ALUMINUM HEAD * 1.9250-1.955" MEASURED FROM ROCKER COVER-TIP ** WHEN REPLACING OEM STEEL SHIM HEAD GASKET. *** HEAD TORQUE FOR ENGINE NUMBERS WITH SUFFIX "B": 15 FT/LBS, +90r, +90r.					
ROVER	4.0	241			89-96	
Intake Hgt:	1.875" (47.63 MM)			Min Height:	* .8930" USING COMPOSITION GASKET	
Exhaust Hgt:	1.875" (47.63 MM) **					
Notes:	RANGE ROVER, OHV					
Comments:	* WHEN REPLACING OEM STEEL SHIM HEAD GASKET ** TWO DIFFERENT EXHAUST VALVES USED ONE IS STANDARD STEM TYPE AND ONE HAS AN UNDER CUT ON THE STEM-BREAK CARBON ON THE CHAMBER SIDE OF THE VALVE.					
ROVER	4.0	241	97		97-00	
Intake Hgt:	1.750" * (44.45 MM)			Min Height:	** .8930" USING COMPOSITION GASKET	
Exhaust Hgt:	1.750" * (44.45 MM)					
Casting Numbers:	Head #:1193741, 1358219, 577746, 581829, 588534, 7E652, ERC0216, HRC2479 Block #: 1193724, 63724					
Notes:	RANGE ROVER, DISCOVERY II OHV					
Comments:	* 1.925-1.955 MEASURED FROM ROCKER COVER TO THE TIP OF THE VALVE ** WHEN REPLACING OEM STEEL SHIM HEAD GASKET					
ROVER	4.2	256				
Intake Hgt:	1.8752" (48.630 MM) MAX			Exhaust Hgt:	1.8752" (47.630 MM) MAX	
Notes:	RANGE ROVER, OHV					
Comments:	* HEAD TORQUE FOR ENGINE NUMBERS WITH SUFFIX "B": 15 FT/LBS, +90r, +90r.					
ROVER	4.6	278			96-04	
Intake Hgt:	1.875" (47.630 MM) MAX			Min Height:	* .8930" USING COMPOSITION GASKET	
Exhaust Hgt:	1.875" (47.630 MM) MAX					
Notes:	SFI, RANGE ROVER, OHV					
Comments:	* WHEN REPLACING OEM STEEL SHIM HEAD GASKET					
SAAB						4 Cylinders
SAAB	2.0	121	B201		78-89	B201
New Height:	3.6520-3.6540" (92.761-92.812 MM)			Min Height:	3.6339" (92.301 MM)	
Intake Hgt:	1.6250" (41.275 MM) **					
Exhaust Hgt:	1.6250" (41.275 MM) **					
Casting Numbers:	Head #:26L81K, 536271, 8366270, 8388270, 930970					
Notes:	SOHC, TURBO & NON-TURBO					
Comments:	*1986:900 TURBO .002" FOR INTAKE & EXHAUST **MEASURE WITH SHIM.					
SAAB	2.0	121	B201E		73-75	B201E
New Height:	3.6520-3.6540" (92.761-92.812 MM)			Min Height:	3.6360" (92.354 MM)	
Intake Hgt:	1.6250" (41.275 MM)					
Exhaust Hgt:	1.6250" (41.275 MM)					
Notes:	2BC OR EFI					
SAAB	2.0	121	B202		86-94	B202
New Height:	5.5200-5.5400" (140.513-140.716 MM)			Min Height:	5.5200" (140.208 MM)	
Intake Hgt:	1.6750-1.6850" (42.545-42.799 MM) *					
Exhaust Hgt:	1.6750-1.6850" (42.545-42.799 MM) *					
Casting Numbers:	Head #:7144, 7145, 911535					
Notes:	TURBO, DOHC, 900, 900S, 9000					
Comments:	*MEASURE WITH THE SHIM					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
SAAB				4 Cylinders (cont.)		
SAAB	2.0	121	L		84-92	
New Height:	3.6520-3.6540" (92.761-92.812 MM)			Min Height:	3.6360" (92.354 MM)	
Intake Hgt:	1.6250" (41.275 MM)			Exhaust Hgt:	1.6250" (41.275 MM)	
Casting Numbers:	Head #:26L81K, 7144					
Notes:	MFI, DOHC, TURBO, 900, 9000					
SAAB	2.0	121	N	9-3	99-02	B205
New Height:	5.4882-5.4961" (139.400-139.600 MM)			Min Height:	5.4724" (139.000 MM)	
Notes:	SFI, DOHC, TURBO, 1985 CC					
SAAB	2.0	121	T		94-99	B205
New Height:	5.496" (139.598 MM)			Min Height:	5.480" (139.192 MM) MIN - 1999 5.472" (139.598 MM)	
Notes:	MFI, DOHC, TURBO, 900, ALSO VIN N&P, NON TURBO VIN J					
SAAB	2.1	129	E		91-93	
Intake Hgt:	1.6250" (41.275 MM)			Min Height:	5.520" (139.954 MM)	
Exhaust Hgt:	1.6250" (41.275 MM)					
Casting Numbers:	Head #:26L81K, 911535					
Notes:	MFI, 900, 9000 DOHC					
SAAB	2.3	140	B		96-99	
New Height:	5.496" (139.598 MM)			Min Height:	5.488" (139.395 MM)	
Notes:	SFI, NON-TURBO, 900, 9000, ALSO TURBO VINS M, R, U					
SAAB	2.3	140	E	AERO	98-03	B235
New Height:	5.4882-5.4961" (139.400-139.600 MM)			Min Height:	5.4724" (139.000 MM)	
Notes:	SFI, NON-TURBO, 9-5 AERO					
SAAB	2.3	140	E	AERO	98-03	B235
New Height:	5.4882-5.4961" (139.400-139.600 MM)			Min Height:	5.4724" (139.000 MM)	
Notes:	SFI, TURBO, 9-5 AERO					
Comments:	* STEM TO GUIDE CLEARANCE IS MEASURED AT THE DISC WITH THE VALVE PULLED OUT 3MM FROM THE SEAT.					
SAAB	2.3	140	M		90-95	
New Height:	5.550" (140.97 MM)			Min Height:	5.510" (139.954 MM)	
Intake Hgt:	1.6350-1.6550" (41.529-42.037 MM) *			Exhaust Hgt:	1.6350-1.6550" (41.529-42.037 MM) *	
Casting Numbers:	Head #:758614					
Notes:	MFI, TURBO, 900, 9000					
Comments:	* SHIM INSTALLED-MEASURE.					
SAAB				6 Cylinders		
SAAB	2.5	152	V		94-98	
New Height:	5.275" (133.985 MM)			Min Height:	5.2690" (133.833 MM)	
Intake Hgt:	1.5550" (39.497 MM)			Exhaust Hgt:	1.5650" (39.751 MM)	
Casting Numbers:	Head #:90412231					
Notes:	DOHC, 900 SERIES					
SAAB	3.0	181	B308	ARC SPORT WA	98-03	B308
New Height:	5.2756" (134.000 MM)					
Notes:	DOHC, TURBO, 9-5 ARC SPORT WAGON					
SAAB	3.0	230	W		95-98	
New Height:	5.272-5.280" (133.909-134.212 MM)			Min Height:	5.2756" (134. MM)	
Notes:	SFI, DOHC, 900 & 9000 SERIES					
SATOH				2 Cylinders		
SATOH	0.5	33		KE55		KE55
Intake Pro / Rec:	.039" V/REC (1.000 MM)			Exhaust Pro / Rec:	.039" V/REC (1.000 MM)	
Notes:	DIESEL, S-370 BEAVER TRACTOR, MFG BY MITSUBISHI					
SATOH	0.7	41		KE70		KE70
Intake Pro / Rec:	.039" V/REC (1.000 MM)			Exhaust Pro / Rec:	.039" V/REC (1.000 MM)	
Notes:	DIESEL, S-370 BEAVER TRACTOR, MFG BY MITSUBISHI					
SATOH	0.8	47		KE75		KE75
Intake Pro / Rec:	.039" V/REC (1.000 MM)			Exhaust Pro / Rec:	.039" V/REC (1.000 MM)	
Notes:	DIESEL, S-370 BEAVER TRACTOR, MFG BY MITSUBISHI					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
SCANIA						
6 Cylinders						
SCANIA	0.0	0		475		475
New Height:	4.920-4.930" (124.968-125.222 MM)			Min Height:	4.900" (124.46 MM)	
Intake Pro / Rec:	.028-.040" V/REC (.711-1.016 MM)			Exhaust Pro / Rec:	.028-.040" V/REC (.711-1.016 MM)	
Casting Numbers:	Head #:8183153540					
Comments:	RING GROOVE DEPTH .008" X .039" WIDE					
SCANIA	0.0	0		477		477
New Height:	4.530-4.540" (115.062-115.316 MM)			Min Height:	4.504" (114.402 MM)	
Intake Pro / Rec:	.029-.039" V/REC (.737-.991 MM)			Exhaust Pro / Rec:	.029-.039" V/REC (.737-.991 MM)	
Casting Numbers:	Head #:1213155, 1213555, 153542, 21353, 293633					
Comments:	* RING GROOVE DEPTH .008" X .039" WIDE					
SCANIA	7.8	475	D	475		475
Intake Pro / Rec:	.030-.070" V/REC (.762-1.778 MM)			Min Height:	4.5039" (114.399 MM)	
Exhaust Pro / Rec:				.030-.070" V/REC (.762-1.778 MM)		
Notes:	DIESEL, DS801, DIR INJECT, 4 STROKE, LIQUID COOLED					
SCANIA	9.0	547		547		DS9
Min Height:	4.5039-4.5118" (114.400-114.600 MM)					
Notes:	DIESEL, 4 STROKE, DIR INJ					
SCANIA	11.0	672		1103		1103
New Height:	4.9120" (124.765 MM)			Min Height:	4.898" (124.409 MM)	
Intake Pro / Rec:	.030-.069" V/REC (.762-1.753 MM)			Exhaust Pro / Rec:	.030-.069" V/REC (.762-1.753 MM)	
Notes:	DN, DS, DSC TURBO/NON-TURBO, ALSO 1106 DN, DS, DSC					
Comments:	* HEAD BOLTS MUST NOT BE USED MORE THAN 3X. BOLTS MARKED W/3 CENTER PUNCH MARKS MUST BE REPLACED. IF ANY DOUBT,INSTALL NEW BOLTS.					
SCANIA	11.1	674	D	674		674
New Height:	4.9120" (124.765 MM)			Min Height:	4.8980" (124.409 MM)	
Intake Pro / Rec:	.030-.069" V/REC (.762-1.753 MM)			Exhaust Pro / Rec:	.030-.069" V/REC (.762-1.753 MM)	
Casting Numbers:	Head #:253757, 289162					
Notes:	2870, 4890 & 4894 CASE TRACTOR					
Comments:	.008" DEEP BY .035" WIDE GROOVE IN THE HEAD.					
SHIBAURA						
2 Cylinders						
SHIBAURA	0.7	43		1100		1100
Intake Pro / Rec:	.047-.059" V/REC (1.194-1.499 MM)			Exhaust Pro / Rec:	.047-.059" V/REC (1.194-1.499 MM)	
Notes:	DIESEL, USED IN FORD TRACTORS					
Comments:	*MAX .100					
SLANZI						
2 Cylinders						
SLANZI	1.8	107		DVA1500		DVA1500
Intake Pro / Rec:	.035-.049" V/PRO (.889-1.245 MM)			Exhaust Pro / Rec:	.035-.049" V/PRO (.889-1.245 MM)	
Notes:	DIESEL, 4 STROKE, AIR COOLED, DIR INJ					
STERLING						
6 Cylinders						
STERLING	2.5	153				87-88
New Height:	5.2352" (132.974 MM)			Min Height:	5.2282" (132.796 MM)	
Intake Hgt:	1.9690-1.9980" (50.013-50.749 MM)			Exhaust Hgt:	1.8700-1.9000" (47.498-48.26 MM)	
Notes:	FUEL INJ, 825					
STERLING	2.7	163	C27A1			87-92
New Height:	5.2362" (132.999 MM)			Min Height:	5.2282" (132.796 MM)	
Intake Hgt:	1.9690-1.9820" (50.013-50.343 MM)			Exhaust Hgt:	1.8700-1.8840" (47.498-47.854 MM)	
Notes:	MFI, SOHC, 827					
Comments:	* VALVE LENGTH 1987: INT=4.100-4.124 EXH=4.183-4.207					
SUBARU						
3 Cylinders						
SUBARU	1.2	72	7	JUSTY	87-94	EF12
New Height:	4.3989" (111.732 MM)			Min Height:	4.3820" (111.303 MM)	
Notes:	SOHC, 2BC & MFI, JUSTY					
Comments:	REPLACEMENT GUIDES ARE OVERSIZE, USE .0012-.0022" INTERFERENCE FIT. * LOOSEN ALL BOLTS IN REVERSE SEQUENCE 90°, THEN TORQUE-57#, HEAT ENGINE, ALLOW-COOL, 57#.					
SUBARU	1.2	72	8	JUSTY	90-94	EF12
New Height:	4.3989" (111.732 MM)			Min Height:	4.3820" (111.303 MM)	
Notes:	SOHC, MFI, JUSTY					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
SUBARU				4 Cylinders		
SUBARU	1.6	97	1600		76-77	EA71
New Height:	3.5300" (89.662 MM)			Min Height:	3.5100" (89.154 MM)	
Notes:	OHV, 2BC, 1600					
SUBARU	1.6	97	2		78-86	EA71
New Height:	3.5300" (89.662 MM)			Min Height:	3.5100" (89.154 MM)	
Casting Numbers:	Block #:EA71					
Notes:	OHV, 2BC, 1600					
Comments:	*VALVE LENGTH INTAKE (84-86):4.310					
SUBARU	1.8	109	4,5,7		80-89	EA81
New Height:	3.5760-3.5810" (90.83-90.957 MM)			Min Height:	3.5560" (90.322 MM)	
Intake Hgt:	1.7520-1.7720" (44.501-45.009 MM)			Exhaust Hgt:	1.7520-1.7720" (44.501-45.009 MM)	
Casting Numbers:	Head #:EA81 Block #: EAB-1					
Notes:	OHV, EA81					
Comments:	* W/HYD LIFTERS: INNER- FREE LENGTH 2.087, VALVE CLOSED 20-23# @ 1.516, VALVE OPEN 45-52# @ 1.122 OUTER- FREE LENGTH 1.909, VALVE CLOSED 46-54# @ 1.630, VALVE OPEN 117-135# @ 1.260					
SUBARU	1.8	109	4,5,7		85-88	EA82
New Height:	3.5655" (90.564 MM)			Min Height:	3.5450" (90.043 MM)	
Intake Hgt:	1.8430-1.8620" (46.812-47.295 MM)			Exhaust Hgt:	1.8430-1.8620" (46.812-47.295 MM)	
Casting Numbers:	Head #:EA82					
Notes:	SOHC, ALL MODELS EXCEPT 2 DR (GL, STD) & BRAT					
Comments:	*VALVE LENGTHS 1986 NON TURBO: 4.235", TURBO: INT=4.235" & EX=4.256"					
SUBARU	1.8	109	4,5,7		89-94	EA82
New Height:	3.565-3.567" (90.551-90.602 MM)			Min Height:	3.5450" (90.043 MM)	
Intake Hgt:	1.8430-1.8620" (46.812-47.295 MM)			Exhaust Hgt:	1.8430-1.8620" (46.812-47.295 MM)	
Notes:	SOHC, ALL MODELS EXCEPT 2 DR(GL, STD) & BRAT					
SUBARU	1.8	111	2	IMPREZA	93-96	EJ18E
New Height:	3.870" (98.298 MM)					
Notes:	SOHC, IMPREZA, LEGACY					
SUBARU	2.0	122		IMPREZA WRX	02-05	EJ20T
New Height:	5.0197" (127.500 MM)			Min Height:	5.0079" (127.300 MM)	
Intake Hgt:	1.5500-1.5600" (39.370-39.624 MM)			Exhaust Hgt:	1.5500-1.5600" (39.370-39.624 MM)	
Notes:	DOHC, TURBO, MPI, WAGON & SEDAN					
SUBARU	2.2	135	4	AWD	95-01	EJ22E
New Height:	3.870" (98.298 MM)					
Notes:	SOHC,SFI, IMPREZA, LEGACY, OUTBACK & OUTBACK SPORT					
Comments:	** CAMSHAFT HOUSING BOLTS 1ST I THRU N 12-15 FT/LBS, 2ND O THRU V 71-106 IN/LBS, 3RD W & X 71-106 IN/LBS.					
SUBARU	2.2	135	6,3	IMPREZA	95-01	EJ22E
New Height:	3.870" (98.298 MM)					
Notes:	SOHC, SFI, IMPREZA, NON TURBO					
SUBARU	2.2	135	6,7	LEGACY	91-94	EJ22
New Height:	3.870" (98.298 MM)			Min Height:	3.860" (98.044 MM) *	
Intake Hgt:	1.520-1.540" (38.608-39.116 MM)			Exhaust Hgt:	1.520-1.540" (38.608-39.116 MM)	
Casting Numbers:	Head #:723930, 981529					
Notes:	SOHC, MFI, TURBO EJ22T & NON/TURBO, LEGACY					
Comments:	*HAVE SEEN .010 REMOVED FROM HEAD					
SUBARU	2.2	135	6,7,8	LEGACY	90-00	EJ22
New Height:	3.870" (98.298 MM)					
Intake Hgt:	1.520-1.540" (38.608-39.116 MM)			Min Height:	NOT SUPPLIED BY OEM	
Notes:	SOHC, MFI, TURBO EJ22T & NON/TURBO, LEGACY					
Comments:	* 1ST 51 FT/LBS, LOOSEN ALL BOLTS, 3RD BOLTS 1-2 25 FT/LBS, 3-6 14 FT/LBS, 5TH ALL BOLTS IN SEQUENCE 80-90°, 6TH AGAIN ALL BOLTS IN SEQUENCE 80-90°. CAUTION DO NOT EXCEED 180° TOTAL					
SUBARU	2.5	150	6	IMPREZA	99-04	EJ25
New Height:	3.838" (97.500 MM)			Min Height:	3.826" (97.993 mm)	
Intake Hgt:	1.890-1.900" (48.006-48.260 MM) *			Exhaust Hgt:	1.890-1.900" (48.006-48.260 MM) *	
Notes:	SOHC,MFI,IMPREZA TS WAGON,LEGACY OUTBACK,FORESTER					
Comments:	* REPORTED MEMBER #29127 06-02-04 MC					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
SUBARU				4 Cylinders (cont.)		
SUBARU	2.5	150	6	LEGACY	96-05	EJ25D
New Height:	5.020" (127.508 MM)			Min Height:	5.008" (127.203 MM)	
Intake Hgt:	1.815 - 1.830" **			Exhaust Hgt:	1.815 - 1.830" **	
Notes:	DOHC, AWD, LEGACY, FORESTER, IMPREZA					
Comments:	* 1ST 22FT/LBS, 2ND 51 FT/LBS, 3RD LOOSEN ALL BOLTS, 4TH TORQUE BOLT #1&2 25 FT/LBS, 5TH BOLTS #3-6 11 FT/LBS, 6TH +90r, 7TH +90r AGAIN. ** REPORTED ON A 1996 INTAKES 1.450-1.460", EXHAUST 1.375" #17576 05-14-03 MC					
SUBARU				6 Cylinders		
SUBARU	2.7	164	8	XT-6	88-91	ER27
New Height:	3.5670" (90.602 MM)			Min Height:	3.5550" (90.297 MM)	
Intake Hgt:	1.8300-1.8600" (46.482-47.244 MM)			Exhaust Hgt:	1.8300-1.8600" (46.482-47.244 MM)	
Notes:	SOHC, XT-6, ER27, W/O AIR SUSPENSION					
SUBARU	2.7	164	9	XT-6	88-91	ER27
New Height:	3.5670" (90.602 MM)			Min Height:	3.5550" (90.297 MM)	
Intake Hgt:	1.8300-1.8600" (46.482-47.244 MM)			Exhaust Hgt:	1.8300-1.8600" (46.482-47.244 MM)	
Notes:	SOHC, XT-6, ER27, WITH AIR SUSPENSION					
SUBARU	3.0	183	EZ	OUTBACK	01-05	EZ30D
New Height:	4.8819" (124.000 MM)			Min Height:	4.8780" (123.901 MM)	
Notes:	DOHC, OUTBACK VDC SEDAN					
SUBARU	3.3	202	3	SVX	92-95	EG33D
New Height:	5.0200" (127.508 MM)			Min Height:	5.0080" (127.203 MM)	
Notes:	DOHC, SVX, MFI					
SUBARU	3.3	202	8	SVX	96-97	EG33D
New Height:	5.0200" (127.508 MM)			Min Height:	5.0080" (127.203 MM)	
Notes:	DOHC, SVX, SFI					
SUZUKI				4 Cylinders		
SUZUKI	1.3	79	3	SAMURAI	85-95	G13A
New Height:	3.7500-3.7550" (95.25-95.377 MM)			Min Height:	3.7400" (94.996 MM)	
Intake Hgt:	1.9350-1.9650" (49.149-49.911 MM)			Exhaust Hgt:	1.9500-1.9800" (49.53-50.292 MM)	
Notes:	SOHC, SAMURAI, GEO TRACKER IN 1992					
Comments:	VALVE STEM END REFACE LIMIT .019					
SUZUKI	1.3	79	3	SIDEKICK	92-94	G13K
New Height:	5.1968" (132.000 MM)			Min Height:	5.1750" (131.445 MM)	
Notes:	DOHC, G13K, TBI AND/OR MFI, SIDEKICK					
SUZUKI	1.6	97	O		89-95	O
New Height:	3.750" (95.25 MM)			Min Height:	3.740" (94.996 MM)	
Intake Hgt:	1.935-1.965" (49.149-49.911 MM)			Exhaust Hgt:	1.950-1.980" (49.53-50.292 MM)	
Notes:	SOHC, TBI, 8 VALVE					
Comments:	* HOT LASH INTAKE .009-.011" EXHAUST .0102-.0108" LIMIT .019			** VALVE STEM END REFACE		
SUZUKI	1.6	97	O	SIDEKICK	92-93	O
New Height:	4.725" (120.015 MM)			Min Height:	4.715" (119.761 MM)	
Notes:	DOHC, 16 VALVE, SIDEKICK					
SUZUKI	1.6	97	O	SIDEKICK	94-98	O
New Height:	4.7244" (120.000 MM)			Min Height:	4.7150" (119.761 MM)	
Notes:	DOHC, PFI, 16 VALVE, SIDEKICK					
Comments:	* VALVE LASH HOT: .006-.008 INTAKE & EXHAUST					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
SUZUKI				4 Cylinders (cont.)		
SUZUKI	1.8	110	2	SIDEKICK	96-02	J18
New Height:	4.805" REPORTED (122.047 MM)			Min Height:	NOT PROVIDED	
Intake Hgt:	NOT SUPPLIED BY OEM			Exhaust Hgt:	NOT SUPPLIED BY OEM	
Casting Numbers:	Head #: S3 Block #: G18					
Notes:	DOHC, SFI, SIDEKICK SPORT					
SUZUKI				6 Cylinders		
SUZUKI	2.5	152		TRUCK	99-02	H25
New Height:	4.802" (121.971 MM)					
Intake Hgt:	1.410-1.420"					
Exhaust Hgt:	1.410-1.420"					
Notes:	DOHC, MFI, GRAND VITARA JLX PLUS					
TOYOTA				4 Cylinders		
TOYOTA	1.2	71	3K-C	COROLLA	70-79	3K-C
New Height:	3.386 OR 3.186					
Casting Numbers:	Block #: 0105737, 3K-C					
Notes:	2BC, COROLLA					
Comments:	VALVE STEM END REFACE LIMIT .020					
TOYOTA	1.5	89	1A-C	TERCEL	80-80	1A-C
New Height:	3.4400" (87.376 MM)					
Intake Hgt:	1.725-1.755" (43.815-44.577 MM)			Exhaust Hgt:	1.725-1.755" (43.815-44.577 MM)	
Casting Numbers:	Head #: 3-6					
Notes:	2BC, TERCEL					
Comments:	VALVE STEM END REFACE LIMIT .020					
TOYOTA	1.5	89	3A	TERCEL	80-86	3A
New Height:	3.4000" (86.36 MM)					
Intake Hgt:	1.725-1.755" (43.815-44.577 MM)			Min Height:	3.385" (85.979 MM)	
Exhaust Hgt:	1.725-1.755" (43.815-44.577 MM)					
Casting Numbers:	Head #: 12-24, 14-27, 27-54, 38-75, 41-82					
Notes:	OHC, 2BC, TERCEL					
Comments:	VALVE STEM END REFACE LIMIT .020					
TOYOTA	1.5	89	3A-C	TERCEL	81-88	3A-C
New Height:	3.4400" (87.376 MM)					
Intake Hgt:	1.725-1.755" (43.815-44.577 MM)			Min Height:	3.425" (86.995 MM)	
Exhaust Hgt:	1.725-1.755" (43.815-44.577 MM)					
Casting Numbers:	Head #: 12-24, 14-27, 27-54, 41-82 Block #: 3A-C					
Notes:	OHC, 2BC, TERCEL					
Comments:	VALVE STEM END REFACE LIMIT .020					
TOYOTA	1.5	89	3E	TERCEL	87-90	3E
New Height:	5.0120-5.0150" (127.305-127.381 MM)					
Intake Hgt:	1.5900-1.6150" (40.386-41.021 MM)			Min Height:	5.000" (127. MM)	
Exhaust Hgt:	1.5900-1.6250" (40.386-41.275 MM)					
Casting Numbers:	Head #: 3E Block #: 3E					
Notes:	2BC, TERCEL, 12 VALVE HEAD					
TOYOTA	1.5	89	3E-E	TERCEL	90-94	3E-E
New Height:	5.002-5.005" (127.051-127.127 MM) * SEE COMM					
Intake Hgt:	1.590-1.625" (40.386-41.275 MM)			Exhaust Hgt:	1.590-1.625" (40.386-41.275 MM)	
Casting Numbers:	Head #: 3E, 3EE Block #: 3E, 3E-E					
Notes:	EFI, 3E-FE, TERCEL, 12 VALVE HEAD					
Comments:	* 1990-91 HEAD USES A 8 3/4" FUEL RAIL MOUNTING BOLT, 1992-94 HEAD USES A 8 1/2" FUEL RAIL MOUNTING BOLT. #1966 12-06-02 MC					
TOYOTA	1.5	89	5E-FE	COROLLA	91-99	5EFE
New Height:	4.220" @ INTAKE (107.188 MM) , 5.550" @ EXH					
Intake Hgt:	1.3500-1.3600" (34.290-34.544 MM)			Exhaust Hgt:	1.3500-1.3600" (34.29- 34.544 MM)	
Casting Numbers:	Head #: 22 Block #: 5E-FE					
Notes:	DOHC, 1497 CC, 16 VALVE, EFI, PASEO, TERCEL					
Comments:	* 5.550" ON EXHAUST SIDE					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
TOYOTA				4 Cylinders (cont.)		
TOYOTA	1.6	97	2T-C	COROLLA	71-79	2T-C
New Height:	3.346" REPORTED (84.988 MM)			Min Height:	3.325" REPORTED (84.455 MM)	
Casting Numbers:	Head #:134 Block #: 11411-26010, 11411-260108, 26012, 26016, 2T					
Notes:	2BC, OHV, COROLLA					
Comments:	VALVE STEM END REFACE LIMIT .020					
TOYOTA	1.6	97	4A-C	COROLLA	83-87	4A-C
New Height:	3.4000-3.4100" (86.36-86.614 MM)			Min Height:	3.385" (85.979 MM)	
Intake Hgt:	1.7250-1.7550" (43.815-44.577 MM)			Exhaust Hgt:	1.7250-1.7550" (43.815-44.577 MM)	
Casting Numbers:	Head #:34-67, 34-68, 4A, A-3 Block #: 4A-C, 5636031					
Notes:	2BC, COROLLA, 8 VALVE					
Comments:	VALVE STEM END REFACE LIMIT .020					
TOYOTA	1.6	97	4A-F	COROLLA	88-89	4A-F
New Height:	4.570" (116.078 MM)			Min Height:	4.560" REPORTED (115.824 MM)	
Intake Hgt:	1.4750-1.5050" (37.465-38.227 MM)			Exhaust Hgt:	1.4750-1.5050" (37.465-38.227 MM)	
Casting Numbers:	Block #:4AF					
Notes:	DOHC, 2BC, COROLLA					
TOYOTA	1.6	97	4A-FE	CELICA	88-96	4A-FE
New Height:	4.570" (116.078 MM)			Min Height:	4.560" REPORTED (115.824 MM)	
Intake Hgt:	1.4700-1.5000" (37.338-38.1 MM)			Exhaust Hgt:	1.4700-1.5000" (37.338-38.1 MM)	
Casting Numbers:	Head #:S54, S55 Block #: 4AFE					
Notes:	DOHC, MPFI, COROLLA, CELICA, 16 VALVE					
Comments:	* INTAKE .008-.012 HOT, EXHAUST .010-.014 HOT					
TOYOTA	1.6	97	4A-GE	MR2	88-89	4A-GE
New Height:	4.5680" (116.027 MM)			Exhaust Hgt:	1.5300-1.5500" (38.862-39.37 MM)	
Intake Hgt:	1.5300-1.5500" (38.862-39.37 MM)					
Casting Numbers:	Head #:S11 Block #: 4AGE					
Notes:	DOHC, MPFI, MR2, 16 VALVE					
Comments:	VALVE STEM END REFACE LIMIT .020					
TOYOTA	1.6	97	4AGEC	COROLLA	85-87	4AGEC
New Height:	4.5680" (116.027 MM)			Min Height:	4.555" (115.697 MM)	
Intake Hgt:	1.5300-1.5500" (38.862-39.37 MM)			Exhaust Hgt:	1.5300-1.5500" (38.862-39.37 MM)	
Casting Numbers:	Head #:S55 Block #: 1833198, 4AGEC					
Notes:	MFI, DOHC, COROLLA GTS, MR2					
Comments:	VALVE STEM END REFACE LIMIT .020					
TOYOTA	1.6	97	4AGEL	MR2	85-89	4A-GELC
New Height:	4.5680" (116.027 MM)			Min Height:	4.5550" REPORTED (115.697 MM)	
Intake Hgt:	1.5300-1.5500" (38.862-39.37 MM)			Exhaust Hgt:	1.5300-1.5500" (38.862-39.37 MM)	
Casting Numbers:	Head #:S11 Block #: 4AGELC					
Notes:	SUPER CHARGED MR2, VIN 4A-GELC, MFI,					
Comments:	VALVE STEM END REFACE LIMIT .020					
TOYOTA	1.6	97	4A-LC	COROLLA	87-88	4A-LC
New Height:	3.4000-3.4100" (86.36-86.614 MM)			Min Height:	3.385" (85.979 MM)	
Intake Hgt:	1.7250-1.7550" (43.815-44.577 MM)			Exhaust Hgt:	1.7250-1.7550" (43.815-44.577 MM)	
Casting Numbers:	Head #:18M Block #: 4A-LC					
Notes:	2BC, COROLLA FX, 8 VALVE					
Comments:	VALVE STEM END REFACE LIMIT .020					
TOYOTA	1.8	108	1ZZFE	COROLLA	98-06	1ZZFE
New Height:	4.520" (114.808 MM)			Exhaust Hgt:	1.325" (33.655 MM)	
Intake Hgt:	1.345" (34.163 MM)					
Notes:	SFI,COROLLA, CELICA, 79MM/91.5MM B/S, SMALLER ROD					
TOYOTA	1.8	108	3T-C	COROLLA	80-82	3T-C
New Height:	3.3570" (85.268 MM)			Min Height:	3.3370" (84.76 MM)	
Intake Hgt:	1.680-1.710" (42.672-43.434 MM)			Exhaust Hgt:	1.680-1.710" (42.672-43.434 MM)	
Casting Numbers:	Head #:116, 137, 601 Block #: 11411-280101, 11411-28101					
Notes:	OHV, 2BC, COROLLA					
Comments:	VALVE STEM END REFACE LIMIT .020					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
TOYOTA				4 Cylinders (cont.)		
TOYOTA	1.8	109	7AFE	COROLLA	93-97	7AFE
New Height:	4.5670" (116.002 MM)			Min Height:	NOT SUPPLIED BY OEM --- MOST SHOP	
Intake Hgt:	1.360-1.380" (34.544-35.052 MM)			Exhaust Hgt:	1.360-1.380" (34.544-35.052 MM)	
Castings Numbers:	Head #: S53, S61, S65 Block #: 7AFE					
Notes:	DOHC, MPFI, COROLLA, HIGH RAIL INTAKE RUNNERS					
Comments:	* CELICA OVERALL LENGTH: 3.4386 MIN **CELICA IS 1.370					
TOYOTA	1.8	110	2ZZGE	CELICA	00-03	2ZZGE
Intake Hgt:	1.775-1.795" (45.085-45.593 MM)			Exhaust Hgt:	1.775-1.795" (45.085-45.593 MM)	
Notes:	MFI, DOHC, CELICA, 82MM BORE, 85MM STROKE, LARGER ROD					
TOYOTA	1.8	112	1C-LC	COROLLA	84-85	1C-LC
New Height:	5.2270-5.2300" (132.766-132.842 MM)					
Intake Pro / Rec:	.045-.050" V/REC (1.143-1.27 MM)			Exhaust Pro / Rec:	.050-.055" V/REC (1.27-1.397 MM)	
Castings Numbers:	Head #: 12-52N, 2-8T, 61					
Notes:	DIESEL, COROLLA					
Comments:	* 1985=.063-.079 SEAT WIDTH VALVE STEM END REFACE LIMIT .020					
TOYOTA	1.8	112	1CTLC	CAMRY	84-85	1CTLC
New Height:	5.2270-5.3000" (132.766-134.62 MM)					
Intake Pro / Rec:	.045-.050" V/REC (1.143-1.27 MM)			Exhaust Pro / Rec:	.050-.055" V/REC (1.27-1.397 MM)	
Castings Numbers:	Head #: 12-25N, 2-8T, 61					
Notes:	TURBO DIESEL, CAMRY					
Comments:	* 1985=.063-.079 SEAT WIDTH VALVE STEM END REFACE LIMIT .020					
TOYOTA	1.9	113			69-71	8R
New Height:	3.6728" (93.29 MM)					
Castings Numbers:	Block #: 11411-33010, 11411-33011, 11411-40011, 11411-40012					
Notes:	OHC, 8R, 8RC, 18RC, 1897CC					
TOYOTA	2.0	120	18R-C	CELICA	71-74	18R-C
New Height:	3.6744" (93.33 MM)					
Intake Hgt:	1.9100-1.9400" (48.514-49.276 MM)			Exhaust Hgt:	1.9100-1.9400" (48.514-49.276 MM)	
Castings Numbers:	Head #: 34040, 34040, 34054, 34054, 3X18 Block #: 11411-34020, 11411-34020, 11411-36040, 11411-36040, 18R-C, 18R-C					
Notes:	2BC, OHC, CELICA, CORONA					
Comments:	VALVE STEM END REFACE LIMIT .020					
TOYOTA	2.0	120	2CTLC	CAMRY	86	2CTLC
New Height:	5.2270-5.2300" (132.766-132.842 MM)					
Intake Pro / Rec:	.045-.050" V/REC (1.143-1.27 MM)			Exhaust Pro / Rec:	.050-.055" V/REC (1.27-1.397 MM)	
Castings Numbers:	Head #: 61					
Notes:	TURBO DIESEL					
Comments:	VALVE STEM END REFACE LIMIT .020					
TOYOTA	2.0	122		5R		5R
New Height:	3.4646" (88.000 MM)					
Castings Numbers:	Head #: 44030, 44063 Block #: 11411-40010, 44020, 44022, 44023					
Notes:	ROUND PORT CYL HEAD LATE					
TOYOTA	2.0	122		5R		5R
New Height:	3.4646" (88.000 MM)					
Intake Pro / Rec:	.040" V/REC (1.016 MM)			Exhaust Pro / Rec:	.040" V/REC (1.016 MM)	
Castings Numbers:	Block #: 11411-40010, 11411-40010					
Notes:	SQUARE PORT CYL HEAD EARLY					
TOYOTA	2.0	122	1AZFE	RAV4	01-03	1AZFE
New Height:	5.0850" (129.159 MM)					
Intake Hgt:	1.3550" (34.417 mm)			Exhaust Hgt:	1.3550" (34.417 mm)	
Notes:	DOHC, MPI, RAV4					
TOYOTA	2.0	122	2SELC	CAMRY	83-86	2SELC
New Height:	3.9750-3.9800" (100.965-101.092 MM)					
Intake Hgt:	1.9100-1.9400" (48.514-49.276 MM)			Min Height:	3.9650" (100.711 MM)	
Exhaust Hgt:	1.9100-1.9400" (48.514-49.276 MM)					
Castings Numbers:	Head #: 10-19, 4-7, 5-9, SU Block #: 2SELC					
Notes:	SOHC, EFI, CAMRY, CELICA					
Comments:	VALVE STEM END REFACE LIMIT .020					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
TOYOTA				4 Cylinders (cont.)		
TOYOTA	2.0	122	3SFE	CAMRY	86-91	3SFE
New Height:	4.9650" (126.111 MM) *			Min Height:	4.950" (125.73 MM)	
Intake Hgt:	1.4800-1.5000" (37.592-38.1 MM)			Exhaust Hgt:	1.4800-1.5000" (37.592-38.1 MM)	
Casting Numbers:	Head #: 18, 29, 34 Block #: 11411-74010, 3SFE					
Notes:	DOHC, MPFI, CELICA, CAMRY					
Comments:	*HAVE HAD REPORTS OF 4.965 ON NEW HEAD					
TOYOTA	2.0	122	3S-FE	RAV4	96-00	3S-FE
New Height:	NOT SUPPLIED BY OEM			Min Height:	NOT SUPPLIED BY OEM	
Intake Hgt:	NOT SUPPLIED BY OEM			Exhaust Hgt:	NOT SUPPLIED BY OEM	
Notes:	DOHC, SFI, RAV4					
TOYOTA	2.0	122	3SGEL	CELICA	86-89	3S-GELC
New Height:	4.6950-4.6990" (119.253-119.355 MM)					
Intake Hgt:	1.4600-1.4850"			Exhaust Hgt:	1.4700-1.4950" (50.038-50.673 MM)	
Casting Numbers:	Block #: 3S, 3SGELC					
Notes:	DOHC, VIN 3S-GELC, MPFI, CELICA					
Comments:	STEM END REFACE LIMIT .020					
TOYOTA	2.0	122	3SGEL	CELICA	87-89	3S-GELC
New Height:	4.6950-4.6990" (119.253-119.355 MM)					
Intake Hgt:	1.4600-1.4850" (37.084-37.719 MM)			Exhaust Hgt:	1.4700-1.4950" (37.338-37.973 MM)	
Notes:	DOHC, 3S-GELC, MPFI, CELICA					
TOYOTA	2.0	122	3SGTE	CELICA	90-95	3SGTE
New Height:	4.6950-4.6990" (119.253-119.355 MM)					
Intake Hgt:	1.4600-1.4850"			Exhaust Hgt:	1.4700-1.4950"	
Casting Numbers:	Block #: 3SGTE					
Notes:	MFI, TURBO, CELICA ALL TRAC (4WD), MR2					
TOYOTA	2.0	122	3SGTE		87-89	3SGTE
New Height:	4.695-4.699" (119.253-119.355 MM)					
Intake Hgt:	1.960-1.985" (49.784-50.419 MM)			Exhaust Hgt:	1.970-1.995" (50.038-50.673 MM)	
Casting Numbers:	Block #: 3SGTE					
Notes:	DOHC, 3S-GTE, MPFI, TURBO					
TOYOTA	2.0	122	3Y-EC	VAN	84-85	3Y-EC
New Height:	4.3900-4.4100" (111.506-112.014 MM)			Min Height:	4.3750" (111.125 MM)	
Intake Hgt:	1.890-1.910" (48.006-48.514 MM)			Exhaust Hgt:	1.890-1.910" (48.006-48.514 MM)	
Casting Numbers:	Head #: 14 Block #: 3YEC					
Notes:	EFI, OHV, VAN					
TOYOTA	2.2	134	20R	CELICA	75-77	20R
New Height:	3.9600" (100.584 MM) *					
Intake Hgt:	1.7500-1.7800" (44.45-45.212 MM)			Exhaust Hgt:	1.7500-1.7800" (44.45-45.212 MM)	
Casting Numbers:	Head #: 24, 39, 9-17 Block #: 11411-38010, 11411-38020, 11411-38030, 11411-38031					
Notes:	2BC, OHC, CELICA, CORONA					
Comments:	STEM END REFACE LIMIT .020 * HEAD GASKET SHIM AVAILABLE					
TOYOTA	2.2	134	20R	CELICA	78-80	20R
New Height:	3.9600" (100.584 MM) *					
Intake Hgt:	1.7500-1.7800" (44.45-45.212 MM)			Exhaust Hgt:	1.7500-1.7800" (44.45-45.212 MM)	
Casting Numbers:	Head #: 24, 39, 9-17 Block #: 11411-38010, 11411-38020, 11411-38030, 11411-38031					
Notes:	2BC, CELICA, P/UP, CORONA					
Comments:	VALVE STEM END REFACE LIMIT .020 * SHIM AVAILABLE FOR THE HEAD GASKET ** ROCKER RATIO 1.45:1					
TOYOTA	2.2	134	5SFE	CAMRY	90-00	5SFE
New Height:	4.9630-4.9670" (126.06-126.162 MM)			Min Height:	4.953" (125.806 MM)	
Intake Hgt:	1.5100-1.5200" (38.354-38.608 MM) *			Exhaust Hgt:	1.5100-1.5200" (38.354-38.608 MM) *	
Casting Numbers:	Head #: 11, 15, 56 Block #: 5SFE					
Notes:	DOHC, MPFI, MR2, CAMRY, CELICA					
Comments:	* 1.475" REPORTED					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
TOYOTA				4 Cylinders (cont.)		
TOYOTA	2.2	134	L		81-83	
New Height: 4.0150" (101.981 MM)						
Intake Pro / Rec: .035" MIN V/REC (.889 MM)				Exhaust Pro / Rec: .045" MIN V/REC (1.143 MM)		
Casting Numbers: Head #:02, 423, 825						
Notes: OHC DIESEL						
Comments: VALVE STEM END REFACE LIMIT .020 CAST IRON						
TOYOTA	2.2	137		4Y	89-95	4Y
New Height: 4.3900-4.4100" (111.506-112.014 MM)				Min Height: 4.3800" (111.252 MM)		
Intake Hgt: 1.890-1.910" (48.006-48.514 MM)				Exhaust Hgt: 1.890-1.910" (48.006-48.514 MM)		
Notes: OHV, GAS, FORKLIFT						
Comments: * REPORTED VALVE SPRING INSTALLED HEIGHT 1.660" AND INSTALLED VALVE HEIGHT 1.950" MEMBER 23069 11-13-03 MC						
TOYOTA	2.2	137	4Y-EC	VAN	84-89	4Y-EC
New Height: 4.3900-4.4100" (111.506-112.014 MM)						
Intake Hgt: 1.890-1.910" (48.006-48.514 MM)				Exhaust Hgt: 1.890-1.910" (48.006-48.514 MM)		
Casting Numbers: Head #:14, 4Y Block #: 0058330, 4YEC						
Notes: OHV, MPFI, VAN						
TOYOTA	2.4	144	22R		81-84	22R
New Height: 3.9500-3.9600" (100.33-100.584 MM)				Min Height: 3.9400" (100.076 MM)		
Intake Hgt: 1.7450-1.7750" * (44.323-45.085 MM)				Exhaust Hgt: 1.7450-1.7750" * (44.323-45.085 MM)		
Casting Numbers: Head #:10-20, 10-20, 22A Block #: 11411320, 11411350, 11411380, 22R						
Notes: 2BC TALL DECK						
Comments: * VALVE STEM END REFACE LIMIT: .020, MEASURE WITH SHIM INSTALLED. ** ROCKER RATIO 1.45:1						
TOYOTA	2.4	144	22R-E	4-RUNNER	89-95	22R-E
New Height: 3.7900-3.8000" (96.266-96.52 MM)				Min Height: 3.7800" (96.012 MM) -- HEAD SAVER SH		
Intake Hgt: 1.810-1.825" *				Exhaust Hgt: 1.810-1.825" *		
Casting Numbers: Head #:02, 1.3, 1.8						
Notes: MFI, EFI, P/UP, 4-RUNNER						
Comments: * MEASURE WITHOUT SHIM INSTALLED.						
TOYOTA	2.4	144	22REC		85-88	22REC
New Height: 3.7900-3.8000" (96.266-96.52 MM)						
Intake Hgt: 1.7450-1.7750" (44.323-45.085 MM)				Exhaust Hgt: 1.7450-1.7750" (44.323-45.085 MM)		
Casting Numbers: Head #:1.3, 1.8 Block #: 22REC						
Notes: MFI, SHORT DECK						
Comments: VALVE STEM END REFACE LIMIT .020						
TOYOTA	2.4	144	22R-T	4-RUNNER	85-87	22R-TEC
New Height: 3.7660-3.8000" (95.656-96.520 MM)				Min Height: NOT SUPPLIED BY OEM		
Intake Hgt: 1.7450-1.7750" (44.323-45.085 MM)				Exhaust Hgt: 1.7450-1.7750" (44.323-45.085 MM)		
Casting Numbers: Head #:1.3, Q2 Block #: 1237486, 1433210, 1460182, 1487436, 1498472, 1905236, 1953922, 2129717, 22RTEC						
Notes: 22R-TEC, EFI, TURBO P/UP, 4-RUNNER						
Comments: * HEAD HAS EXTRA MOUNTING BOLT LOCATIONS FOR THE TURBO ** VALVE STEM END REFACE LIMIT .020						
TOYOTA	2.4	144	2AZFE	CAMRY	02-06	2AZ-FE
				Min Height: NOT SUPPLIED BY OEM		
Notes: MFI, DOHC, CAMRY LE, SEDAN						
Comments: * HEAD BOLT LENGTH 6.3500-6.4060" MAX 6.4650" (161.3-162.7 MM) (MIN 154.2 MM). CAUTION USE HEAD BOLT REMOVAL SEQUENCE. CYLINDER HEAD CRACKING IS POSSIBLE BY NOT USING THE REMOVAL SEQUENCE.						
TOYOTA	2.4	146	2TZFE	PREVIA	91-97	2TZ-FE
New Height: 5.316" 135.026 MM) **						
Intake Hgt: 1.550" REPORTED (39.37 MM)				Exhaust Hgt: 1.550" REPORTED (39.37 MM)		
Casting Numbers: Head #:2.4 Block #: 2TZFE						
Notes: SUPERCHARGED, MFI & 2TZ-FZE, PREVIA VAN						
Comments: * EXHAUST VALVE LENGTH 4.0709 MIN #40922 11-01-04 MC				** REPORTEDBY MEMBER		

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
TOYOTA				4 Cylinders (cont.)		
TOYOTA	2.4	148	L	TACOMA	96-04	2RZ-FE
Intake Hgt: 1.560" *				Min Height: Replace head if warpage exceeds .004"		
Casting Numbers: Block #:2RZFE				Exhaust Hgt: 1.560" *		
Notes: DOHC, MPI, TACOMA, 2 WHEEL DRIVE						
Comments: * REPORTED 6-23-03 CAMSHAFT BEARING CAPS 15 FT/LBS ** HEAD GASKET THICKNESS COMPRESSED .0472" (1.20 MM)						
TOYOTA	2.4	150	2L	PICKUP	84-87	2L
Intake Pro / Rec: .045-.055" V/REC (1.143-1.397 MM)				Exhaust Pro / Rec: .045-.055" V/REC (1.143-1.397 MM)		
Casting Numbers: Head #:119						
Notes: DIESEL, P/UP						
Comments: VALVE STEM END REFACE LIMIT .020						
TOYOTA	2.4	150	2LT	PICKUP	85-87	2LT
Intake Pro / Rec: .045-.059" V/REC (1.143-1.499 MM)				Exhaust Pro / Rec: .045-.059" V/REC (1.143-1.499 MM)		
Notes: TURBO DIESEL P/UP						
Comments: VALVE STEM END REFACE LIMIT .020						
TOYOTA	2.5	151	2J	2J	69-72	2J
New Height: 3.468" @ BOLT HOLE (88.087 MM)						
Intake Pro / Rec: NOT SUPPLIED BY OEM				Exhaust Pro / Rec: NOT SUPPLIED BY OEM		
Notes: DIESEL FORKLIFT						
Comments: MAX STM REMOVAL .020; **GUIDE LNGTH I=2.20 E=2.36 PRE COMBUST CHAMBER 0-.004 ABOVE DECK						
TOYOTA	2.7	165	M	T100	94-00	3RZFE
New Height: 5.315"						
Intake Hgt: 1.560" **				Exhaust Hgt: 1.560" **		
Casting Numbers: Block #:3RZFE						
Notes: T100 PICKUP, 4 RUNNER						
Comments: * GUIDE R&R GRADUALLY HEAT THE HEAD TO 176-212° F (80-100° C) ** REPORTED 1.560" MEMBER 41201 6-23-03 MC						
TOYOTA	2.9	176		B	72-84	B
New Height: 3.7402" (95.001 MM)				Min Height: NOT SUPPLIED BY OEM		
Casting Numbers: Head #:11111-56020						
Notes: DIESEL						
TOYOTA	2.9	180	5FD25	1Z		5FD25
Intake Pro / Rec: .025-.030" REC * REPORTED				Exhaust Pro / Rec: .030-.035" REC * REPORTED		
Notes: OHV, DIESEL FORKLIFT, DIR INJ						
TOYOTA	3.0	182		5L	97-04	5L
Intake Pro / Rec: .005" V/REC (.127 MM)				Exhaust Pro / Rec: .005" V/REC (.127 MM)		
Notes: DIESEL						
TOYOTA	3.4	209		3B	81-90	3B
New Height: 3.7020" (95.001 MM)				Min Height: NOT SUPPLIED BY OEM		
Intake Pro / Rec: .0551"				Exhaust Pro / Rec: .0709"		
Casting Numbers: Head #:11111-56020						
Notes: DIESEL						
TOYOTA	3.8	223		14B		14B
New Height: NOT SUPPLIED BY TOYOTA				Min Height: NOT SUPPLIED BY TOYOTA		
Intake Pro / Rec: NOT SUPPLIED BY TOYOTA				Exhaust Pro / Rec: NOT SUPPLIED BY TOYOTA		
Notes: DIESEL						
TOYOTA	4.1	250		15B-F	94-95	15B-F
Intake Pro / Rec: .035-.050" V/REC (.890-1.270 MM)				Exhaust Pro / Rec: .040-.060" V/REC (1.020-1.520 MM)		
Notes: NON TURBO DIESEL						
TOYOTA				6 Cylinders		
TOYOTA	2.3	137	2M	CROWN	68-72	2M
New Height: 4.060" (103.124 MM)						
Casting Numbers: Head #:11111-41030 Block #: 11411-41011						
Notes: SOHC, CROWN						

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
TOYOTA				6 Cylinders (cont.)		
TOYOTA	2.5	153	2VZFE	CAMRY	88-92	2VZFE
New Height:	4.8050-4.8100" (122.047-122.174 MM)			Min Height:	4.7950" (121.793 MM)	
Intake Hgt:	1.4650-1.4850" (37.211-37.719 MM)			Exhaust Hgt:	1.4650-1.4850" (37.211-37.719 MM)	
Casting Numbers:	Block #:2VZFE					
Notes:	DOHC, MPI, CAMRY					
TOYOTA	2.6	156	4M		73-79	4M
New Height:	3.7650" (95.631 MM)			Min Height:	3.7400" (94.996 MM)	
Intake Hgt:	1.8050-1.8350" (45.847-46.609 MM)			Exhaust Hgt:	1.8050-1.8350" (45.847-46.609 MM)	
Casting Numbers:	Head #:17A					
Notes:	SOHC, 2BBL					
Comments:	VALVE STEM END REFACE LIMIT .020					
TOYOTA	2.6	156	4M-E	CRESSIDA	79-80	4M-E
New Height:	3.7650" (95.631 MM)			Min Height:	3.7400" (94.996 MM)	
Intake Hgt:	1.8050-1.8350" (45.847-46.609 MM)			Exhaust Hgt:	1.8050-1.8350" (45.847-46.609 MM)	
Casting Numbers:	Head #:17A					
Notes:	SOHC, EFI, SUPRA, CRESSIDA					
Comments:	VALVE STEM END REFACE LIMIT .020					
TOYOTA	2.8	168	5M-E	CRESSIDA	81-82	5M-E
New Height:	3.7650" (95.631 MM)			Min Height:	3.7500" (95.25 MM)	
Intake Hgt:	1.8300-1.8400" (46.482-46.736 MM)			Exhaust Hgt:	1.9600-1.9800" (49.784-50.292 MM)	
Casting Numbers:	Head #:5ME					
Notes:	SOHC, EFI, SUPRA, CRESSIDA					
Comments:	VALVE STEM END REFACE LIMIT .020					
TOYOTA	2.8	168	5MGE	CELICA	82-88	5MGE
New Height:	2.7900" (70.866 MM)			Min Height:	2.7750"	
Intake Hgt:	1.8150-1.8400" (46.101-46.736 MM)			Exhaust Hgt:	1.9450-1.9800" (49.403-50.292 MM)	
Casting Numbers:	Head #:10A, B11A, B2A, B9A Block #: 5M3685317, 5M3725443, 5MGE					
Notes:	DOHC, CELICA, CRESSIDA					
Comments:	VALVE STEM END REFACE LIMIT .020					
TOYOTA	3.0	180	3V-ZE	4-RUNNER	88-95	3V-ZE
New Height:	5.3120-5.3150" (134.925-135.001 MM)			Min Height:	5.3020" (134.671 MM)	
Intake Hgt:	1.7300-1.7450" (43.942-44.323 MM)			Exhaust Hgt:	1.7300-1.7450" (43.942-44.323 MM)	
Casting Numbers:	Head #:4, 6 Block #: 3VZE					
Notes:	SOHC, MFI, 4-RUNNER					
Comments:	CYL HEAD TORQUE SEQUENCE: 8 2 4 6			FRONT<---	5 3 1 7	
TOYOTA	3.0	180	3VZFE	CAMRY	92-93	3VZ-FE
New Height:	4.800" (121.92 MM)					
Casting Numbers:	Block #:3VZFE					
Notes:	DOHC, MFI, CAMRY					
TOYOTA	3.0	180	7M-GE	CRESSIDA	86-92	7M-GE
New Height:	4.5700" (116.078 MM)			Min Height:	4.5600" (115.824 MM)	
Intake Hgt:	1.4900-1.5000" (37.846-38.1 MM)			Exhaust Hgt:	1.4900-1.5000" (37.846-38.1 MM)	
Casting Numbers:	Head #:14 Block #: 7MGE					
Notes:	DOHC, MFI, SUPRA/CRESSIDA, 24 VALVE					
Comments:	TORQUE SEQUENCE FOR THE HEAD			12 8 4 2 5 9 13	FRONT <-----	
	14 10 6 1 3 7 11					
TOYOTA	3.0	180	7MGTE	CRESSIDA	87-92	7MGTE
New Height:	4.5700-4.5750" (116.078-116.205 MM)			Min Height:	4.5600" (115.824 MM)	
Intake Hgt:	1.4900-1.5000" (37.846-38.1 MM)			Exhaust Hgt:	1.4900-1.5000" (37.846-38.1 MM)	
Casting Numbers:	Head #:15					
Notes:	DOHC, TURBO, MPFI, SUPRA/CRESSIDA, 24 VALVE					
Comments:	* PASSENGER SIDE IS EXHAUST CAMSHAFT					
TOYOTA	3.0	183	1MZFE	AVALON	94-02	1MZFE
New Height:	4.905-4.909"					
Intake Hgt:	1.4550-1.4750"			Exhaust Hgt:	1.4550-1.4750"	
Casting Numbers:	Block #:1MZFE					
Notes:	DOHC, CAMRY, AVALON, SIENNA					
Comments:	* MAX .0031" ** MAX .0039" *** MIN 3.7382" **** MIN 3.7362"					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
TOYOTA				6 Cylinders (cont.)		
TOYOTA	3.0	183	2JZGE	SUPRA	93-98	2JZ-GE
New Height: 4.570" (116.078 MM)				Min Height: 4.560" (115.824 MM) *		
Notes: DOHC, SUPRA, 2JZ-GTE TURBO & 2JZ-GE NON TURBO						
Comments: *REPORTED						
TOYOTA	3.4	207	V	5VZFE	95-99	5VZFE
New Height: 4.805-4.808" (122.047-122.123 MM) SEE NOTE				Exhaust Hgt: 1.465-1.478" (37.211-37.541 MM) *		
Intake Hgt: 1.475-1.485" (37.465-37.719 MM)						
Casting Numbers: Block #:5VZFE						
Notes: DOHC, MPI, PICK UP						
Comments: * 1.4800-1.4930" (37.592-37.992 MM) REPORTED MEMBER #41218 11-30-2005 MC						
TOYOTA	3.4	207	N	TACOMA	95-04	5VZFE
New Height: 4.805-4.808" (122.047-122.123 MM) SEE NOTE				Exhaust Hgt: 1.465-1.478" (37.211-37.541 MM)		
Intake Hgt: 1.475-1.485" (37.465-37.719 MM)						
Casting Numbers: Block #:5VZFE						
Notes: TACOMA, SFI,						
TOYOTA	3.9	237	F	LANDCRUISER	65-74	F
New Height: 3.7500" (95.25 MM)						
Casting Numbers: Head #:60031 Block #: 11411-60020, 11411-60031, 11411-60032, 11411-60033, 11414-60030, 600031, 600032						
Notes: LANDCRUISER						
Comments: VALVE STEM END REFACE LIMIT .020 ** ROCKER RATIO 1.50:1						
TOYOTA	4.0	241	3F-E	LANDCRUISER	88-92	3F-E
Intake Hgt: 1.920" REPORTED				Exhaust Hgt: 2.045" REPORTED		
Notes: LANDCRUISER, MFI						
TOYOTA	4.0	243		2H	82-92	2H
New Height: 3.465" (88.0 MM)				Exhaust Pro / Rec: .044-.060"		
Intake Pro / Rec: .044-.060"						
Casting Numbers: Head #:28010						
Notes: DIESEL FORKLIFT						
TOYOTA	4.2	258	2F	LANDCRUISER	81-87	2F
Intake Hgt: 1.940-1.960" (49.276-49.784 MM)				Exhaust Hgt: 1.940-1.960" (49.276-49.784 MM)		
Casting Numbers: Head #:61040						
Notes: LANDCRUISER, 2BBL						
Comments: VALVE STEM END REFACE LIMIT .020 ** ROCKER RATIO 1.50:1						
TOYOTA	4.5	274	1FZFE	LANDCRUISER	93-97	1FZ-FE
New Height: 5.312" (134.925 MM)				Exhaust Hgt: 1.590" (40.386 MM)		
Intake Hgt: 1.590" (40.386 MM)						
Notes: LANDCRUISER, EFI, LEXUS LX 450 1996 & 1997						
Comments: SPARK PLUG TUBE PROTRUSION 1.7910" (45.500 MM)						
TOYOTA				8 Cylinders		
TOYOTA	4.7	287	2UZFE	TUNDRA	00-06	2UZ-FE
New Height: 4.880" (123.952 MM)				Exhaust Hgt: 2.430-2.453" * REPORTED		
Intake Hgt: 2.430-2.471" * REPORTED						
Notes: PICKUP, EFI, 32 VALVE LANDCRUISER						
TRIUMPH				4 Cylinders		
TRIUMPH	1.1	70			62-64	
New Height: 2.9980-3.0020" (76.149-76.251 MM)						
Casting Numbers: Head #:304955, 307170 Block #: 305380						
Notes: 1147 CC, 63 HP HERALD, SPITFIRE MK, 1, 2						
TRIUMPH	2.0	122	CL		75-81	CL
New Height: 4.4370" (112.7 MM) *						
Casting Numbers: Head #:V3339, V3441						
Notes: 2-1BC, TR-7						
Comments: *2.670 MEASURED @ EXH HEAD BOLT BOSS/ALSO 2.860						
TRIUMPH	2.0	122	CV		75-81	CV
New Height: 4.4370" (112.7 MM) *						
Casting Numbers: Head #:V3339						
Notes: EFI, TR-7						
Comments: * 2.670 @ EXH HEAD BOLT BOSS/ ALSO 2.860 REPORTED						

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
UNIVERSAL				1 Cylinder		
UNIVERSAL	0.3	16		DS, WPD3		DS, WPD3
Intake Pro / Rec:		.039-.057 REC ** (.991-1.448 MM)		Exhaust Pro / Rec:		.039-.057 REC ** (.991-1.448 MM)
Notes: DIESEL, WESTERBEKE, VERTICAL, INDIR INJ, WATER COOLED						
Comments: * MAX V/REC .076						
UNIVERSAL	0.3	18		W7, WPD4		W7, WPD4
Intake Pro / Rec:		.039-.057 REC ** (.991-1.448 MM)		Exhaust Pro / Rec:		.039-.057 REC ** (.991-1.448 MM)
Notes: DIESEL, WESTERBEKE, VERTICAL, INDIRECT INJ, WATER COOL						
Comments: * MAX V/REC .076						
UNIVERSAL				2 Cylinders		
UNIVERSAL	0.5	28		10TWO		10TWO
Intake Pro / Rec:		.040 V/REC* (1.016 MM)		Exhaust Pro / Rec:		.040 V/REC* (1.016 MM)
Notes: DIESEL, WESTERBEKE, 4-STROKE, WATER COOL, INDIRECT INJ						
Comments: BOLT TORQUE SEQUENCE:			8 6 1 4 9			2
	10 3 5 7					
UNIVERSAL	0.6	37		W13		W13
Intake Pro / Rec:		.040 MAX V/REC* (1.016 MM)		Exhaust Pro / Rec:		.040 MAX V/REC* (1.016 MM)
Notes: DIESEL, WESTERBEKE, 4-STROKE, WATER COOLED, D/I, 4.4 KW						
Comments: HEAD BOLT TORQUE SEQUENCE:			<-- FRONT 5 2 4			3 1 6
UNIVERSAL				3 Cylinders		
UNIVERSAL	0.8	47		W18		W18
Intake Pro / Rec:		.040 MAX V/REC* (1.016 MM)		Exhaust Pro / Rec:		.040 MAX V/REC* (1.016 MM)
Notes: DIESEL, WESTERBEKE, 4-STROKE, WATER COOLED, D/I, 6 KW						
Comments: HEAD BOLT TORQUE SEQUENCE:			<-- FRONT 9 7 5 11			10 4 6 8
	2 1 3					
UNIVERSAL	1.0	60		W21		W21
Intake Pro / Rec:		.040 MAX V/REC* (1.016 MM)		Exhaust Pro / Rec:		.040 MAX V/REC* (1.016 MM)
Notes: DIESEL, WESTERBEKE, 4-STROKE, WATER COOLED, D/I, 8 KW						
Comments: HEAD BOLT TORQUE SEQUENCE:			<-- FRONT 9 7 5 11			10 4 6 8
	2 1 3					
UNIVERSAL	1.1	68		M30		M30
Intake Pro / Rec:		.043-.051" V/REC (1.092-1.295 MM)		Exhaust Pro / Rec:		.043-.051" V/REC (1.092-1.295 MM)
Notes: DIESEL, WESTERBEKE, 24 HORSEPOWER						
UNIVERSAL				4 Cylinders		
UNIVERSAL	1.3	80		W27		W27
Intake Pro / Rec:		.040" MAX V/REC (1.016 MM)		Exhaust Pro / Rec:		.040" MAX V/REC (1.016 MM)
Notes: DIESEL, WESTERBEKE, 4-STROKE, WATER COOLED, D/I, 11 KW						
Comments: HEAD BOLT TORQUE SEQUENCE:			<-- FRONT 12 6 1 5 11			14 8 2 7
	13	10 4 3 9				
UNIVERSAL	1.5	91		M40		M40
Intake Pro / Rec:		.043-.051" V/REC (1.092-1.295 MM)		Exhaust Pro / Rec:		.043-.051" V/REC (1.092-1.295 MM)
Notes: DIESEL, WESTERBEKE, 32 HORSEPOWER						
UNIVERSAL	1.5	91		W33		W33
Intake Pro / Rec:		.040" MAX V/REC (1.016 MM)		Exhaust Pro / Rec:		.040" MAX V/REC (1.016 MM)
Notes: DIESEL, WESTERBEKE, 4-STROKE, WATER COOL, D/I, 12.5 KW						
Comments: HEAD BOLT TORQUE SEQUENCE:			<-- FRONT 12 6 1 5 11			14 8 2 7
	13	10 4 3 9				
UNIVERSAL	1.9	115		M50		M50
Intake Pro / Rec:		.043-.051" V/REC (1.092-1.295 MM)		Exhaust Pro / Rec:		.043-.051" V/REC (1.092-1.295 MM)
Notes: DIESEL, WESTERBEKE, 44 HORSEPOWER						
VOLKSWAGEN				4 Cylinders		
VOLKSWAGEN	1.5	89	EH	RABBIT	78-79	EH
New Height:		5.238" (133.045 MM)		Min Height:		5.215" (132.461 MM)
Notes: EFI, WATER COOLED, RABBIT						
VOLKSWAGEN	1.5	89	FC	RABBIT	73-75	FC
New Height:		5.238" (133.045 MM)		Min Height:		5.215" (132.461 MM)
Casting Numbers: Block #:021A, 056103021, 056103021A						
Notes: WATER COOLED, RABBIT						

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
VOLKSWAGEN				4 Cylinders (cont.)		
VOLKSWAGEN	1.5	89	FX		78-80	FX
New Height: 5.238" (133.045 MM)				Min Height: 5.215" (132.461 MM)		
Intake Pro / Rec: .040-.060" V/REC (1.016-1.524 MM)				Exhaust Pro / Rec: .040-.060" V/REC (1.016-1.524 MM)		
Castings Numbers: Block #:021A, 056103021, 056103021A						
Notes: 1BC						
VOLKSWAGEN	1.5	90	CK		77-81	CK
New Height: 5.238" (133.045 MM)				Min Height: 5.215" (132.461 MM)		
Intake Pro / Rec: .040-.060" V/REC (1.016-1.524 MM)				Exhaust Pro / Rec: .040-.060" V/REC (1.016-1.524 MM)		
Castings Numbers: Head #:068103373WWO Block #: 068103021						
Notes: DIESEL, 4-STROKE, LIQUID COOLED, OHC, MODEL 068.2						
Comments: BOLT TIGHTENING SEQUENCE: 10 4 2 6 8 (-> FLYWHEEL END) 7 5 1 3 9 (-> FLYWHEEL END)						
VOLKSWAGEN	1.6	97	AD		73-73	AD
				Min Height: 5.215" (132.461 MM)		
Notes: 2BC						
VOLKSWAGEN	1.6	97	AE		73-73	AE
				Min Height: 5.215" (132.461 MM)		
Notes: 2BC						
VOLKSWAGEN	1.6	97	AF		73-74	AF
				Min Height: 5.215" (132.461 MM)		
Notes: 1BC						
VOLKSWAGEN	1.6	97	AF		75-81	AF
				Min Height: 5.215" (132.461 MM)		
Castings Numbers: Head #:0441013755 Block #: 026202109						
Notes: 1BC, WATER COOLED						
VOLKSWAGEN	1.6	97	AG		73-74	AG
				Min Height: 5.215" (132.461 MM)		
Notes: 2BC						
VOLKSWAGEN	1.6	97	AG		75-75	AG
				Min Height: 5.215" (132.461 MM)		
Notes: 2BC						
VOLKSWAGEN	1.6	97	AH		73-74	AH
				Min Height: 5.215" (132.461 MM)		
Notes: 2BC						
VOLKSWAGEN	1.6	97	AJ		75-80	AJ
				Min Height: 5.215" (132.461 MM)		
Castings Numbers: Head #:049103373						
Notes: FI, WATER COOLED						
VOLKSWAGEN	1.6	97	AK		73-74	AK
				Min Height: 5.215" (132.461 MM)		
Intake Pro / Rec: .040-.060" V/REC (1.016-1.524 MM)				Exhaust Pro / Rec: .040-.060" V/REC (1.016-1.524 MM)		
Notes: 2BC, AIR COOLED						
VOLKSWAGEN	1.6	97	AL		59-74	AL
New Height: .540-.560" (13.716-14.224 MM) C/BORE						
Notes: 1BC, AIR COOLED						
VOLKSWAGEN	1.6	97	AL		75-78	AL
				Min Height: 5.215" (132.461 MM)		
Notes: 1BC						
Comments: USE THE ROCK METHOD OF DETERMINING GUIDE CLEARANCE						
VOLKSWAGEN	1.6	97	AM		73-74	AM
				Min Height: 5.215" (132.461 MM)		
Notes: 2BC						
VOLKSWAGEN	1.6	97	AS		75-79	AS
				Min Height: 5.215" (132.461 MM)		
Notes: 1BC						

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
VOLKSWAGEN				4 Cylinders (cont.)		
VOLKSWAGEN	1.6	97	CR		81-84	CR
New Height:	5.2380" (133.045 MM)			Min Height:	5.2150" (132.461 MM)	
Intake Pro / Rec:	.040-.060" V/REC (1.016-1.524 MM)			Exhaust Pro / Rec:	.040-.060" V/REC (1.016-1.524 MM)	
 Casting Numbers:	Head #:068101022273WWC, 068103373-F Block #: 0S3103021					
Notes:	DIESEL, 4-STROKE, LIQUID COOLED, OHC, MODEL 068.5					
Comments:	* 1987 & LATER HYD NON-ADJUSTABLE HEAD TORQUE SEQUENCE: 10 4 2 6 8 (-> FLY) 7 5 1 3 9 (-> FLY)					
VOLKSWAGEN	1.6	97	CS		82-84	CS
New Height:	5.2380" (133.045 MM)			Min Height:	5.2150" (132.461 MM)	
Intake Pro / Rec:	.040-.060" V/REC (1.016-1.524 MM)			Exhaust Pro / Rec:	.040-.060" V/REC (1.016-1.524 MM)	
 Casting Numbers:	Head #:068101022273WWC, 068103373-F Block #: 0S3103021					
Notes:	DIESEL, 4-STROKE, LIQUID COOLED, OHC, MODEL 068.5					
Comments:	HEAD TORQUE SEQUENCE: 0 4 2 6 8 (->FLY) 7 5 1 3 9 (-> FLY)					
VOLKSWAGEN	1.6	97	CY		82-84	CY
New Height:	5.238" (133.045 MM)			Min Height:	5.215" (132.461 MM)	
Intake Pro / Rec:	.040-.060" V/REC (1.016-1.524 MM)			Exhaust Pro / Rec:	.040-.060" V/REC (1.016-1.524 MM)	
 Casting Numbers:	Head #:068101022273WWC, 068103373-F Block #: 0S3103021					
Notes:	TURBO DIESEL, 4-STROKE, LIQUID COOL, OHC, MODEL 068.A					
Comments:	HEAD TORQUE SEQUENCE: 10 4 2 6 8 (-> FLY) 7 5 1 3 9 (-> FLY)					
VOLKSWAGEN	1.6	97	EE		76-77	EE
				Min Height:	5.2185" (132.55 MM)	
Notes:	FI					
VOLKSWAGEN	1.6	97	EJ		79-80	EJ
				Min Height:	5.2185" (132.55 MM)	
Notes:	FI					
VOLKSWAGEN	1.6	97	FN		76-76	FN
				Min Height:	5.2185" (132.55 MM)	
Notes:	2BC					
VOLKSWAGEN	1.6	97	JD		85-85	JD
New Height:	5.2380" (133.045 MM)			Min Height:	5.2150" (132.461 MM)	
Intake Pro / Rec:	.040-.060" V/REC (1.016-1.524 MM)			Exhaust Pro / Rec:	.040-.060" V/REC (1.016-1.524 MM)	
 Casting Numbers:	Head #:068101022273WWC, 068103373-F Block #: 0S3103021					
Notes:	TURBO DIESEL					
VOLKSWAGEN	1.6	97	JK		83-84	JK
New Height:	5.2380" (133.045 MM)			Min Height:	5.2150" (132.461 MM)	
Intake Pro / Rec:	.040-.060" V/REC (1.016-1.524 MM)			Exhaust Pro / Rec:	.040-.060" V/REC (1.016-1.524 MM)	
 Casting Numbers:	Head #:068101022273WWC, 068101022373WWC, 068103373-F Block #: 0S3103021					
Notes:	DIESEL					
VOLKSWAGEN	1.6	97	JR		85-85	JR
New Height:	5.2380" (133.045 MM)			Min Height:	5.2150" (132.461 MM)	
Intake Pro / Rec:	.040-.060" V/REC (1.016-1.524 MM)			Exhaust Pro / Rec:	.040-.060" V/REC (1.016-1.524 MM)	
 Casting Numbers:	Head #:068101022273WWC, 068101022373WWC, 068103373-F Block #: 0S3103021					
Notes:	TURBO DIESEL					
VOLKSWAGEN	1.6	97	MD		85-85	MD
New Height:	5.2380" (133.045 MM)			Min Height:	5.2150" (132.461 MM)	
Intake Pro / Rec:	.040-.060" V/REC (1.016-1.524 MM)			Exhaust Pro / Rec:	.040-.060" V/REC (1.016-1.524 MM)	
 Casting Numbers:	Head #:068101022273WWC, 068101022373WWC, 068103373-F, 068103373-N Block #: 0S3103021					
Notes:	TURBO DIESEL					
VOLKSWAGEN	1.6	97	ME	GOLF	86-92	ME
New Height:	5.2380" (133.045 MM)			Min Height:	5.2150" (132.461 MM)	
Intake Pro / Rec:	.040-.060" V/REC (1.016-1.524 MM)			Exhaust Pro / Rec:	.040-.060" V/REC (1.016-1.524 MM)	
 Casting Numbers:	Head #:068101022273WWC, 068101022373WWC, 068103373-B, 068103373-F, 068103373-M, 068103373-T Block #: 0S3103021					
Notes:	DIESEL, JETTA, GOLF, RABBIT					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
VOLKSWAGEN				4 Cylinders (cont.)		
VOLKSWAGEN	1.6	97	ME		85-85	ME
New Height:	5.2380" (133.045 MM)			Min Height:	5.2150" (132.461 MM)	
Intake Pro / Rec:	.040-.060" V/REC (1.016-1.524 MM)			Exhaust Pro / Rec:	.040-.060" V/REC (1.016-1.524 MM)	
 Casting Numbers:	Head #:068101022273WWC, 068101022373WWC, 068103373-F Block #: 0S3103021					
Notes:	DIESEL					
VOLKSWAGEN	1.6	97	MF		85-85	MF
New Height:	5.2380" (133.045 MM)			Min Height:	5.2150" (132.461 MM)	
Intake Pro / Rec:	.040-.060" V/REC (1.016-1.524 MM)			Exhaust Pro / Rec:	.040-.060" V/REC (1.016-1.524 MM)	
 Casting Numbers:	Head #:068101022273WWC, 068101022373WWC, 068103373-F Block #: 0S3103021					
Notes:	TURBO DIESEL					
VOLKSWAGEN	1.6	97	MF		86-92	MF
New Height:	5.2380" (133.045 MM)			Min Height:	5.2150" (132.461 MM)	
Intake Pro / Rec:	.040-.060" V/REC (1.016-1.524 MM)			Exhaust Pro / Rec:	.040-.060" V/REC (1.016-1.524 MM)	
 Casting Numbers:	Head #:068101022273WWC, 068101022373WWC, 068103373-F Block #: 0S3103021					
Notes:	TURBO DIESEL					
VOLKSWAGEN	1.6	97	YG		76-80	YG
New Height:	5.238" (133.045 MM)			Min Height:	5.215" (132.461 MM)	
Notes:	EFI, WATER COOLED					
VOLKSWAGEN	1.6	97	YH		76-81	YH
New Height:	5.238" (133.045 MM)			Min Height:	5.215" (132.461 MM)	
Notes:	EFI, WATER COOLED					
VOLKSWAGEN	1.6	97	YK		76-76	YK
New Height:	5.238" (133.045 MM)			Min Height:	5.215" (132.461 MM)	
Notes:	EFI, WATER COOLED					
VOLKSWAGEN	1.7	102	CA		73-73	CA
				Min Height:	5.215" (132.461 MM)	
Notes:	FI					
VOLKSWAGEN	1.7	102	CB		73-74	CB
				Min Height:	5.215" (132.461 MM)	
Notes:	FI					
VOLKSWAGEN	1.7	102	CD		73-73	CD
				Min Height:	5.215" (132.461 MM)	
Notes:	FI					
VOLKSWAGEN	1.7	102	CE		73-73	CE
				Min Height:	5.215" (132.461 MM)	
Notes:	FI					
VOLKSWAGEN	1.7	102	EA		73-74	EA
				Min Height:	5.215" (132.461 MM)	
Notes:	2BC					
VOLKSWAGEN	1.7	104	EN		81-84	EN
New Height:	5.2150-5.2300" (132.461-132.842 MM)			Min Height:	5.2050" (132.207 MM)	
Intake Hgt:	1.4750-1.4950" (37.465-37.973 MM)			Exhaust Hgt:	1.4750-1.4950" (37.465-37.973 MM)	
 Casting Numbers:	Head #:049103373, 055103373, 5240402, 5240403, 5240476, 5240835, 5249835 Block #: 049103210, 4910321D, 4910321H					
Notes:	MFI					
VOLKSWAGEN	1.7	104	JF		81-84	JF
New Height:	5.2150-5.2300" (132.461-132.842 MM)			Min Height:	5.2050" (132.207 MM)	
Intake Hgt:	1.4750-1.4950" (37.465-37.973 MM)			Exhaust Hgt:	1.4750-1.4950" (37.465-37.973 MM)	
 Casting Numbers:	Head #:049103373, 055103373, 5240402, 5240403, 5240476, 5240835, 5249835 Block #: 049103210, 4910321D, 4910321H					
Notes:	1BC					
VOLKSWAGEN	1.7	104	WT		82-83	WT
New Height:	5.2150-5.2300" (132.461-132.842 MM)			Min Height:	5.2050" (132.207 MM)	
Intake Hgt:	1.4750-1.4950" (37.465-37.973 MM)			Exhaust Hgt:	1.4750-1.4950" (37.465-37.973 MM)	
 Casting Numbers:	Head #:049103373, 055103373, 5240402, 5240403, 5240476, 5240835, 5249835 Block #: 049103210, 4910321D, 4910321H					
Notes:	MFI					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
VOLKSWAGEN				4 Cylinders (cont.)		
VOLKSWAGEN	1.8	109	2H	CABRIOLET	90-94	2H
New Height:	5.2380" (133.045 MM)			Min Height:	5.2150" (132.461 MM)	
Intake Hgt:	1.4800-1.4900" (37.592-37.846 MM)			Exhaust Hgt:	1.4800-1.4900" (37.592-37.846 MM)	
Intake Pro / Rec:	3 INTAKES PER CYLINDER			Exhaust Pro / Rec:	2 EXHAUST PER CYLINDER	
Casting Numbers:	Head #:026103373G					
Notes:	MFI, CABRIOLET, FOX, GOLF, GTI, JETTA, SOHC					
VOLKSWAGEN	1.8	109	ABG		91-93	ABG
New Height:	5.238" (133.045 MM)			Min Height:	5.215" (132.461 MM)	
Intake Hgt:	1.4800-1.4900" (37.592-37.846 MM)			Exhaust Hgt:	1.4800-1.4900" (37.592-37.846 MM)	
Casting Numbers:	Head #:026103373G					
Notes:	MFI, WATER COOLED					
VOLKSWAGEN	1.8	109	GX	GOLF	85-90	GX
New Height:	5.238" (133.045 MM)			Min Height:	5.215" (132.461 MM)	
Intake Hgt:	1.4800-1.4900" (37.592-37.846 MM)			Exhaust Hgt:	1.4800-1.4900" (37.592-37.846 MM)	
Casting Numbers:	Head #:026103373AA, 026103373G					
Notes:	MFI, WATER COOLED, GOLF, JETTA					
VOLKSWAGEN	1.8	109	JH	FOX	83-89	JH
New Height:	5.238" (133.045 MM)			Min Height:	5.215" (132.461 MM)	
Intake Hgt:	1.4400-1.4600" (36.576-37.084 MM) *			Exhaust Hgt:	1.4400-1.4600" (36.576-37.084 MM) *	
Casting Numbers:	Head #:026103373AA, 026103373G, 026103373H, 037103373 M					
Notes:	MFI, WATER COOLED, GTI, SCIROCCO, FOX					
Comments:	* MEASURED FROM CAM COVER-TIP OF VALVE, INTAKE MIN. 1.330" AND 1.340" MIN. FOR EXHAUST					
VOLKSWAGEN	1.8	109	JN		85-90	JN
New Height:	5.238" (133.045 MM)			Min Height:	5.215" (132.461 MM)	
Intake Hgt:	1.4400-1.4600" (36.576-37.084 MM)			Exhaust Hgt:	1.4400-1.4600" (36.576-37.084 MM)	
Casting Numbers:	Head #:026103373AA, 026103373G					
Notes:	MFI, WATER COOLED					
Comments:	* HYD LIFTER TRAVEL .130" (3.302 MM)					
VOLKSWAGEN	1.8	109	LM		85-92	LM
New Height:	5.238" (133.045 MM)			Min Height:	5.215" (132.461 MM)	
Intake Hgt:	1.4800-1.4900" (37.592-37.846 MM)			Exhaust Hgt:	1.4800-1.4900" (37.592-37.846 MM)	
Casting Numbers:	Head #:026103373G					
Notes:	MFI, WATER COOLED					
VOLKSWAGEN	1.8	109	MZ		85-86	MZ
New Height:	5.238" (133.045 MM)			Min Height:	5.215" (132.461 MM)	
Intake Hgt:	1.4800-1.4900" (37.592-37.846 MM)			Exhaust Hgt:	1.4800-1.4900" (37.592-37.846 MM)	
Casting Numbers:	Head #:026103373G					
Notes:	MFI, WATER COOLED					
VOLKSWAGEN	1.8	109	PF		88-92	PF
New Height:	5.238" (133.045 MM)			Min Height:	5.215" (132.461 MM)	
Intake Hgt:	1.4800-1.4900" (37.592-37.846 MM)			Exhaust Hgt:	1.4800-1.4900" (37.592-37.846 MM)	
Casting Numbers:	Head #:026103373G					
Notes:	MFI, WATER COOLED					
VOLKSWAGEN	1.8	109	PG		89-93	PG
New Height:	5.238" (133.045 MM)			Min Height:	5.215" (132.461 MM)	
Intake Hgt:	1.330-1.358" (33.8-34.493 MM)			Exhaust Hgt:	1.342-1.358" (34.1-34.493 MM)	
Casting Numbers:	Head #:026103373G, 037103373P					
Notes:	MFI, WATER COOLED, CORRADO SUPERCHARGED					
Comments:	* REPORTED VALVE GUIDES WITH .004" (0.101 MM) CLEARANCE AT THE TOP AND BOTTOM , WILL CHECK ROCK METHOD APPROX. .025" (25.430 MM) MEMBER #937 9-24-03 MC					
VOLKSWAGEN	1.8	109	PL	GOLF	86-89	PL
New Height:	4.6600" (118.364 MM) *			Min Height:	4.650** (118.11 MM) *	
Intake Hgt:	1.5130-1.5430" (38.43-39.192 MM)			Exhaust Hgt:	1.5130-1.5430" (38.43-39.192 MM)	
Casting Numbers:	Head #:027103373E					
Notes:	MFI, DOHC, GOLF GTI, JETTA, SCIROCCO					
Comments:	* MEASURED FROM DECK-HEAD BOLT BOSS					
VOLKSWAGEN	1.8	109	RD	GOLF	85-87	RD
New Height:	5.238" (133.045 MM)			Min Height:	5.215" (132.461 MM)	
Intake Hgt:	1.4800-1.4900" (37.592-37.846 MM)			Exhaust Hgt:	1.4800-1.4900" (37.592-37.846 MM)	
Casting Numbers:	Head #:026103373G					
Notes:	MFI, GOLF GTI					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
VOLKSWAGEN				4 Cylinders (cont.)		
VOLKSWAGEN	1.8	109	RV	JETTA	88-92	RV
New Height:	5.238" (133.045 MM)			Min Height:	5.215" (132.461 MM)	
Intake Hgt:	1.4800-1.4900" (37.592-37.846 MM)			Exhaust Hgt:	1.4800-1.4900" (37.592-37.846 MM)	
Intake Pro / Rec:	.041-.050" V/REC (1.041-1.27 MM)			Exhaust Pro / Rec:	.041-.050" V/REC (1.041-1.27 MM)	
Notes:	MFI, JETTA					
VOLKSWAGEN	1.8	110	AEB	PASSAT	98-01	AEB
New Height:	NOT SUPPLIED BY OEM			Min Height:	5.480" (139.192 MM) ***	
Intake Hgt:	OUTER 1.322-1.338", * CENTER 1.311-1.326"			Exhaust Hgt:	1.338-1.354" **	
Intake Pro / Rec:	3 INTAKES PER CYLINDER			Exhaust Pro / Rec:	2 EXHAUST PER CYLINDER	
Notes:	DOHC, TURBO, 5 VALVE PER CHAMBER					
Comments:	* VALVE TIP TO SPRING SEAT 1.620- 1.635" REPORTED ** VALVE TIP TO SPRING SEAT 1.475" (37.465 MM) REPORTED *** DO NOT START ENGINE FOR 30 MINUTES AND ROTATE ENGINE BY HAND BEFORE STARTING. SEE OTHER NOTES.					
VOLKSWAGEN	1.8	112	AN		73-74	AN
Intake Hgt:	1.4800-1.4900" (37.592-37.846 MM)			Min Height:	5.215" (132.461 MM)	
Notes:	2BC					
VOLKSWAGEN	1.8	112	AP		74-75	AP
Intake Hgt:	1.4800-1.4900" (37.592-37.846 MM)			Min Height:	5.215" (132.461 MM)	
Notes:	2BC					
VOLKSWAGEN	1.8	112	AT		73-74	AT
Intake Hgt:	1.4800-1.4900" (37.592-37.846 MM)			Min Height:	5.215" (132.461 MM)	
Notes:	2BC					
VOLKSWAGEN	1.8	112	AW		74-74	AW
Intake Hgt:	1.4800-1.4900" (37.592-37.846 MM)			Min Height:	5.215" (132.461 MM)	
Notes:	2BC					
VOLKSWAGEN	1.8	112	EC		73-75	EC
Intake Hgt:	1.4800-1.4900" (37.592-37.846 MM)			Min Height:	5.215" (132.461 MM)	
Notes:	2BC					
VOLKSWAGEN	1.8	112	ED		73-75	ED
Intake Hgt:	1.4800-1.4900" (37.592-37.846 MM)			Min Height:	5.215" (132.461 MM)	
Notes:	2BC					
VOLKSWAGEN	1.9	116	ALH	BEETLE	00-04	ALH
Notes:	TURBO DIESEL, ALSO GOLF & JETTA					
Comments:	DO NOT RESURFACE					
VOLKSWAGEN	1.9	116	TDI	PASSAT	95-99	AHH
New Height:	5.239"			Min Height:	NO MIN FROM VW	
Intake Hgt:	1.410" MIN (35.814 MM) *			Exhaust Hgt:	1.420" MIN (36.068 MM) *	
Intake Pro / Rec:	.037" V/REC			Exhaust Pro / Rec:	.037" V/REC	
Notes:	TURBO DIESEL, PASSAT					
Comments:	* MEASURED FROM CAM COVER RAILDOWN TO THE VALVE TIP.					
VOLKSWAGEN	1.9	116	Z	JETTA	93-98	AAZ
New Height:	* SEE COMMENTS					
Intake Hgt:	1.4094" (35.799 MM) **			Exhaust Hgt:	1.4213" (36.101 MM) **	
Notes:	TURBO DIESEL, PASSAT, JETTA					
Comments:	* REPLACE HEAD IF SWIRL CHAMBER PROJECT IS MORE THAN .003. DO NOT RESURF CYL HEAD, USE DIFF HEAD GASKET THKNS DEPENDING ON PISTON PROTRUSION. ** INSTALLED/STEM/HEIGHT IS MEASURED FROM VALVE COVER RAIL-TIP OF VALVE					
VOLKSWAGEN	1.9	117	DH	VANAGON	83-85	DH
New Height:	.312-.315" (7.925-8.001 MM) *					
Notes:	MFI, VANAGON					
Comments:	* COUNTER BORE DEPTH					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
VOLKSWAGEN				4 Cylinders (cont.)		
VOLKSWAGEN	2.0	121	9A	JETTA	90-93	9A
New Height:	4.6800" (118.364 MM) *			Min Height:	4.6495" (118.097 MM) *	
Intake Hgt:	1.4956-1.5200" (38.43-39.192 MM) **			Exhaust Hgt:	1.4956-1.5200" (37.989-38.151 MM)	
Casting Numbers:	Head #:027103373E, 051103373, 0511033730					
Notes:	DOHC, MPI, PASSAT, JETTA GLI					
Comments:	* MEASURED FROM DECK-HEAD BOLT BOSS --- INTAKE VALVES MUST BE REMOVED TO MILL HEAD.					
VOLKSWAGEN	2.0	121	ABA	GOLF	93-99	ABA
New Height:	5.2310" (132.867 MM)			Min Height:	5.2204" (132.6 MM)	
Intake Hgt:	1.330-1.360" MIN (33.782 MM) *			Exhaust Hgt:	1.343-1.373" MIN (34.112 MM) *	
Casting Numbers:	Head #:037103373S, 037103373T					
Notes:	SOHC, MFI, 8 VALVE, GOLF III, JETTA III, GTI					
Comments:	* MEASURED FROM VALVE COVER RAIL DOWN TO THE TIP OF VALVE. THIS IS VW'S INSTALLED MIN. HEIGHT. WE HAVE RECORDED INTAKE 1.409" EXHAUST 1.422" AND ALL WAYS CHECK DRY LASH. REPORTED MEMBER #37194 03-30-05 MC					
VOLKSWAGEN	2.0	121	ABA	GOLF	99-02	ABA
Intake Hgt:	1.330" MIN (33.800 MM)			Min Height:	5.220" (132.600 MM)	
Notes:	CIS-E MOTRONIC SFI, CABRIO, GOLF, GTI & JETTA			Exhaust Hgt:	1.340" MIN (34.100 MM)	
VOLKSWAGEN	2.0	121	AEG	BEETLE	98-03	AEG
New Height:	5.242" (133.146 MM) REPORTED			Min Height:	5.220" (132.600 MM)	
Intake Hgt:	1.330-1.3700" MIN (33.800-34.798 MM)			Exhaust Hgt:	1.340-1.3818" MIN (34.100-35.097 MM)	
Casting Numbers:	Head #:037-103-373AD Block #: 06A021F					
Notes:	SOHC, SFI, BEETLE					
Comments:	* PER MANUFACTURER - DO NOT MACHINE VALVES, HAND LAP ONLY.					
VOLKSWAGEN	2.0	121	AEG	GOLF	99-03	AEG
Intake Hgt:	1.330" (33.800 MM)			Min Height:	5.2205" (132.600 MM)	
Notes:	SOHC, GOLF, GTI, JETTA			Exhaust Hgt:	1.340" (34.100 MM)	
VOLKSWAGEN	2.1	129	MV	VANAGON	86-91	MV
New Height:	.312-.315" (7.925-8.001 MM) *			Exhaust Hgt:	1.500" REPORTED	
Intake Hgt:	1.500" REPORTED					
Casting Numbers:	Head #:025101375					
Notes:	MFI, WATERBOXER, VANAGON					
Comments:	* COUNTER BORE DEPTH **VALVE FACE-TIP					
VOLKSWAGEN				5 Cylinders		
VOLKSWAGEN	2.1	131	KM	QUANTUM	84-84	KM
New Height:	5.2360" (132.994 MM)			Min Height:	5.2260" (132.74 MM)	
Intake Hgt:	1.3346-1.3746" (33.899-34.915 MM) *			Exhaust Hgt:	1.3425-1.3725" (34.1-34.862 MM) *	
Casting Numbers:	Head #:035103373-AB					
Notes:	MFI, QUANTUM					
Comments:	* MEASURED FROM CAM COVER RAIL-VALVE TIP					
VOLKSWAGEN	2.2	136	JT	QUANTUM	85-88	JT
New Height:	5.2360" (132.994 MM)			Min Height:	5.2260" (132.74 MM)	
Intake Hgt:	1.3310" MIN (33.807 MM) *			Exhaust Hgt:	1.3430" MIN (34.112 MM) *	
Casting Numbers:	Head #:095103373AB					
Notes:	MFI, QUANTUM, (4WD)					
Comments:	* MEASURED FROM CAM COVER RAIL-VALVE TIP TIP OF VALVE					
VOLKSWAGEN	2.3	140	JT	QUANTUM	87-87	JT
New Height:	5.2360" (132.994 MM)			Min Height:	5.2260" (132.74 MM)	
Intake Hgt:	1.3310" MIN (33.807 MM) *			Exhaust Hgt:	1.3430" MIN (34.112 MM) *	
Casting Numbers:	Head #:095103373AB					
Notes:	MFI, QUANTUM, QUANTUM SYNCRO, (4WD)					
Comments:	* MEASURED FROM CAM COVER RAIL-VALVE TIP					
VOLKSWAGEN	2.5	153	AAF	EUROVAN	92-95	AAF
Intake Hgt:	1.330" MIN (33.782 MM) *			Min Height:	5.220" (132.600 MM)	
Casting Numbers:	Head #:074103373353			Exhaust Hgt:	1.340" MIN (34.036 MM) *	
Notes:	SOHC, 10 VALVE, EUROVAN					
Comments:	* MEASURED FROM VALVE COVER RAIL-TIP OF VALVE					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
VOLKSWAGEN				6 Cylinders		
VOLKSWAGEN	2.8	169	AHA	PASSAT	98-00	AHA
Intake Hgt:		OUTER 1.322-1.338", CENTER 1.311-1.326"		Exhaust Hgt:		1.338-1.354" (33.982-34.391 MM) **
Notes: DOHC, PASSAT SEDAN, 30 VALVE						
Comments: * VALVE TIP TO SPRING SEAT 1.635" (40.894 MM) REPORTED ** VALVE TIP TO SPRING SEAT 1.475" (37.465 MM) REPORTED *** DO NOT START ENGINE FOR 30 MINUTES AND ROTATE ENGINE BY HAND BEFORE STARTING. SEE OTHER NOTES						
VOLKSWAGEN	2.8	169	ATQ	PASSAT	01-02	ATQ
New Height:		5.480" (139.192 MM)		Min Height:		***
Intake Hgt:		OUTER 1.322-1.338", * CENTER 1.311-1.326"		Exhaust Hgt:		1.338-1.354" (33.982-34.391 MM) **
Casting Numbers: Head #:078103373AH						
Notes: DOHC, PASSAT GLS, 30 VALVE						
Comments: * VALVE TIP TO SPRING SEAT 1.635" (40.894 MM) REPORTED ** VALVE TIP TO SPRING SEAT 1.475" (37.465 MM) REPORTED *** DO NOT START ENGINE FOR 30 MINUTES AND ROTATE ENGINE BY HAND BEFORE STARTING. SEE OTHER NOTES.						
VOLKSWAGEN	2.8	170	AAA	CORRADO	92-99	AAA
New Height:		5.492-5.515" (139.497-140.081 MM)		Min Height:		5.4920" (139.5 MM)
Intake Hgt:		1.330-1.360" MIN (33.782 MM) *		Exhaust Hgt:		1.340-1.370" MIN (34.036 MM) *
Casting Numbers: Head #:02113373B						
Notes: DOHC, VR-6 12 VALVE, 15° VEE BLOCK, PASSAT, GOLF						
Comments: * MEASURED FROM CAM COVER RAIL TO VALVE TIP.						
VOLKSWAGEN	2.8	170	AXK	EUROVAN	02-03	AXK
New Height:		5.5130" (140.030 MM)		Min Height:		5.5071" (139.900 MM)
Intake Hgt:		1.792-1.799" (45.517-45.695 MM)		Exhaust Hgt:		1.792-1.799" (45.517-45.695 MM)
Casting Numbers: Head #:022103373A						
Notes: DOHC						
VOLVO				1 Cylinder		
VOLVO	0.4	27		D1 & MD1		D1
				Exhaust Pro / Rec:		.020" V/REC (.500 MM) MAX
Notes: DIESEL, 4 STROKE, 5, 6 & 7 HP						
VOLVO				2 Cylinders		
VOLVO	0.9	54		D2 & MD2		D2
				Exhaust Pro / Rec:		.020" V/REC (.500 MM) MAX
Notes: DIESEL, 890CC, 15.5 HP, 4 STROKE, OHV						
VOLVO				4 Cylinders		
VOLVO	2.0	121		AQ105A		AQ105A
New Height:		3.4134" (86.7 MM)				
Notes: GAS, ALSO AQ115A, AQ130A, AQ130B, AQ130C MARINE						
VOLVO	2.0	121	B20E		71-73	B20E
New Height:		3.4134" (86.700 MM)				
Casting Numbers: Head #:419305						
Block #: 419303						
Notes: EFI						
Comments: B-20 ENGINE						
VOLVO	2.0	121	B20F		74-75	B20F
New Height:		3.4134" (86.700 MM)				
Casting Numbers: Head #:824						
Block #: 1000214, 419303						
Notes: EFI						
Comments: B-20 ENGINE						
VOLVO	2.1	130		AQ125	81-83	AQ125
New Height:		5.7550" (146.177 MM)				
Casting Numbers: Head #:1000160, 1000398, 100039E						
Notes: SINGLE CARB, 120 HP						
VOLVO	2.1	130		AQ125A	83-85	AQ125A
New Height:		5.7550" (146.177 MM)				
Casting Numbers: Head #:1000160, 1000398, 100039E						
Notes: SINGLE CARB, 117 HP						

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
VOLVO				4 Cylinders (cont.)		
VOLVO	2.1	130	45	B-21	76-80	B21
New Height: 5.7550" (146.177 MM)				Min Height: 5.7450"		
Casting Numbers: Head #:1000160, 1000398, 100039E						
Notes: B-21, EFI						
VOLVO	2.1	130	47	B-21	81-85	B21
New Height: 5.7550" (146.177 MM)						
Casting Numbers: Head #:1000160, 1000398, 100039E						
Notes: B-21, TURBO, EFI						
VOLVO	2.1	130	48	B-21	82-82	B21
New Height: 5.7550" (146.177 MM)						
Casting Numbers: Head #:1000160, 1000398, 100039E, 1000898						
Notes: B-21, EFI						
VOLVO	2.1	130	49	B-21	81-81	B21
New Height: 5.7550" (146.177 MM)						
Casting Numbers: Head #:1000160, 1000398, 100039E						
Notes: B-21, EFI						
Comments: *REPORTED						
VOLVO	2.3	141		131A	85-85	131A
New Height: 5.7530" (146.126 MM)						
Intake Hgt: 1.700-1.725" (43.18-43.815 MM)				Exhaust Hgt: 1.700-1.725" (43.18-43.815 MM)		
Casting Numbers: Head #:1000530						
Block #: 880422, 881214						
Notes: GAS, MARINE, 131B, 131C, 131D						
VOLVO	2.3	141	(1)	B23	82-84	B23
New Height: 5.7530" (146.126 MM)				Min Height: 5.7320" (145.593 MM)		
Casting Numbers: Head #:1000530						
Block #: 880422						
Notes: B23, SOHC						
VOLVO	2.3	141	87	740	85-87	B230FT
New Height: 5.7530" (146.126 MM)				Min Height: 5.7320" (145.593 MM)		
Intake Hgt: 1.700-1.725" (43.18-43.815 MM)				Exhaust Hgt: 1.700-1.725" (43.18-43.815 MM)		
Casting Numbers: Head #:1000530						
Block #: 880422, 881214						
Notes: MFI, B230FT, TURBO, SOHC, 740						
VOLVO	2.3	141	87	740	88-94	B230FT
New Height: 5.7530" (146.126 MM)				Min Height: 5.7320" (145.593 MM)		
Intake Hgt: 1.7000-1.7250" (43.18-43.815 MM)				Exhaust Hgt: 1.7000-1.7250" (43.18-43.815 MM)		
Casting Numbers: Head #:1000530						
Block #: 880422, 881214						
Notes: MFI, B230FT, 740, 940, SOHC TURBO						
VOLVO	2.3	141	87	760	84-84	B23FT
New Height: 5.757" (146.228 MM)				Min Height: 5.732" (145.593 MM)		
Notes: EFI, TURBO 760						
VOLVO	2.3	141	88	740	86-94	B230F
New Height: 5.7530" (146.126 MM)				Min Height: 5.7320 (145.593 MM)		
Intake Hgt: 1.7000-1.7250" (43.18-43.815 MM)				Exhaust Hgt: 1.7000-1.7250" (43.18-43.815 MM)		
Casting Numbers: Head #:1000530						
Block #: 880422, 881214						
Notes: B230F, 740, 760, 240, 940						
Comments: * REPLACEMENT LARGER DIAMETER VALVE SPRINGS, RETAINERS AND SPRING SEATS. VOLVO TB 1332139-9 DATED DEC 1992 REPORTED MEMBER #2715 6-23-05						
VOLVO	2.3	141	89	740	89-92	B234F
New Height: 4.058"- 4.078" (103.07 MM - 104.08 MM)				Min Height: MAXIMUM LIMIT OF MACHINING .0118" (
Intake Hgt: 1.929-1.966" (49.000-49.940 MM) *				Exhaust Hgt: 1.929-1.966" (49.000-49.940 MM) *		
Casting Numbers: Head #:1001262						
Notes: DOHC, B234F, 740 GLE						
Comments: * ALWAYS USE VALVE SPRING SHIM WHEN MAKING THESE MEASUREMENTS.						
VOLVO	2.3	141	AQ	AQ131	74-74	AQ131
New Height: 3.4010" (86.385 MM)				Min Height: 3.3910" (86.131 MM)		
Casting Numbers: Head #:1000160, 827068						
Notes: AQ 131 OHC MARINE						
Comments: * TORQUE SEQUENCE <--- FRONT 7 3 1 5 9, <--- FRONT 8 4 2 6 10						

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
VOLVO				4 Cylinders (cont.)		
VOLVO	2.4	146		MD31		MD31
New Height: 3.4213-3.4291" (86.900-87.100 MM)						
Intake Pro / Rec: .002-.018" V/REC (.051-.457 MM)			Exhaust Pro / Rec: .002-.018" V/REC (.051-.457 MM)			
Notes: DIESEL, MARINE, 31 SERIES						
Comments: * 31 SERIES AFTER ENGINE #2203115306: FREE LENGTH=1.744" (41.000 MM), OPEN=125-138# @ 1.169", CLOSED=31-36# @ 1.598"						
VOLVO	2.4	146		TMD31		TMD31
New Height: 3.4213-3.4291" (86.900-87.100 MM)						
Intake Pro / Rec: .002-.018" V/REC (.051-.457 MM)			Exhaust Pro / Rec: .002-.018" V/REC (.051-.457 MM)			
Notes: TURBO DIESEL, MARINE						
Comments: * 31 SERIES AFTER ENGINE #2203115306: FREE LENGTH=1.744", CLOSED=31-36# @ 1.598", OPEN=125-138# @ 1.169"						
VOLVO	2.5	152		151A	85-85	151A
Intake Hgt: 2.000-2.010" **						
Exhaust Hgt: 2.000-2.010" **						
Notes: GAS, MARINE, 151B, 151C, 171A, 171C						
Comments: * STEM DIAM MODELS 171A, 171C: INTAKE .2738-.2744 EXHAUST .2734-.2740 ** REPORTED INSTALLED HEIGHTS #33000 4-23-02 MC						
VOLVO	4.2	257	D	D42		D42
New Height: 4.2913" (108.999 MM)						
Intake Pro / Rec: .028-.078" V/REC (.711-1.981 MM)			Exhaust Pro / Rec: .028-.078" V/REC (.711-1.981 MM)			
Notes: D42, D42T DIESEL						
VOLVO	4.5	273	D	D45		D45
New Height: 4.291" (108.991 MM)						
Intake Pro / Rec: .035-.059" V/REC (.889-1.499 MM) **			Exhaust Pro / Rec: .035-.059" V/REC (.889-1.499 MM) **			
Casting Numbers: Head #:851206						
Notes: D45, TD45, D45 B, TD45 B DIESEL						
Comments: * USE RTV THE CYLINDER LINER SEAT, ALSO USE A SMALL STRING OF RTV AROUND WATER HOLES ON BOTH SIDES OF THE HEAD GASKET. ROCKER ARM TO SHAFT CLEARANCE .0059" (0.149 MM) ** V/REC MIN .035" / MAX .094"						
VOLVO				5 Cylinders		
VOLVO	2.3	141	58	850	94-95	B5234T5
New Height: 5.0768-5.0807" (128.950-129.050 MM)						
Intake Hgt: 1.909" * (48.500 MM)			Exhaust Hgt: 1.909" * (48.500 MM)			
Notes: TURBO, 850						
Comments: * MEASURED USING A BAR LAYING IN THE CAM BEARINGS THE SAME SIZE AS THE CAMSHAFT, WITH A HOLE DRILLED THROUGH IT SO YOU CAN MEASURE DOWN TO THE TIP OF THE VALVE. ** MAX TIP REMOVAL .0157" (0.400 MM)						
VOLVO	2.4	149	57		91-98	B5254S
New Height: 5.076-5.080" (128.93-129.032 MM)						
Intake Hgt: 1.540-1.550"			Exhaust Hgt: 1.545-1.550"			
Casting Numbers: Head #:1001525						
Notes: NON-TURBO, 850 ENGINE & VIN 55						
Comments: * MID 1999 AND UP VALVE STEMS ARE 6MM						
VOLVO	2.5	152	55		93-93	B5254S
New Height: 5.076-5.080" (128.93-129.032 MM)						
Intake Hgt: 1.545-1.550" (39.37 MM)			Exhaust Hgt: 1.545-1.550" (39.37 MM)			
Casting Numbers: Head #:1001008, 1001632, 1001716						
Notes: MFI						
VOLVO	2.5	153	56	S70	98-04	B5254T
New Height: 5.0768-5.0807" (128.950-129.050 MM)						
Intake Hgt: 1.8937-1.9252" (48.100-48.900 MM)			Exhaust Hgt: 1.8937-1.9252" (48.100-48.900 MM)			
Notes: S70, V70 XC, TURBO, AWD, 20V						
VOLVO				6 Cylinders		
VOLVO	2.4	145	76	D-24	83-86	D24
New Height: 5.2380" (133.045 MM)						
Intake Pro / Rec: .040-.060" V/REC (1.016-1.524 MM)			Exhaust Pro / Rec: .040-.060" V/REC (1.016-1.524 MM)			
Casting Numbers: Head #:072103373A, 072103373B, 072103373C, 075103373, 075103373H WWO						
Notes: D-24, OHC, TURBO, DIESEL						
Comments: D-24 OHC DIESEL ENGINE						

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
VOLVO				6 Cylinders (cont.)		
VOLVO	2.4	145	77	D-24	81-84	D24
New Height:	5.2380" (133.045 MM) *			Min Height:	5.2150" (132.461 MM)	
Intake Pro / Rec:	.040-.060" V/REC (1.016-1.524 MM)			Exhaust Pro / Rec:	.040-.060" V/REC (1.016-1.524 MM)	
Casting Numbers:	Head #:072103373A, 072103373C, 075103373, 075103373H WWO					
Notes:	D-24 DIESEL, NON TURBO					
Comments:	* MEASURE FROM ROCKER COVER RAIL-DECK SURFACE.					
VOLVO	2.7	163	65	B27F	76-79	B27F
New Height:	4.3700-4.3800" (110.998-111.252 MM)					
Intake Hgt:	1.7100-1.7300" (43.434-43.942 MM)			Exhaust Hgt:	1.7100-1.7300" (43.434-43.942 MM)	
Casting Numbers:	Head #:7940101551, 7940102521					
Notes:	EFI, B27F					
VOLVO	2.8	170	90	S80	99-01	B6284T
New Height:	5.0768-5.0807" (128.950-129.050 MM)			Min Height:	5.0669" (128.700 MM)	
Intake Hgt:	1.8937-1.9252" (48.100-48.900 MM)			Exhaust Hgt:	1.8937-1.9252" (48.100-48.900 MM)	
Notes:	TURBO, 24V					
Comments:	* TAPERED STEM, .2735-.2740" TOWARD VALVE HEAD.					
VOLVO	2.8	173	69	760	80-91	B280F
New Height:	4.3700-4.3800" (110.998-111.252 MM)			Min Height:	4.3600" (110.744 MM)	
Intake Hgt:	1.7100-1.7300" (43.434-43.942 MM)			Exhaust Hgt:	1.7100-1.7300" (43.434-43.942 MM)	
Casting Numbers:	Head #:7940103110, 7940103111, 7940103120, 7940103121					
Notes:	B280F, EFI, 760					
Comments:	760GL, LEFT & RIGHT HEADS ARE DIFF					
VOLVO	2.9	178	91	S80	02-05	B6294S
New Height:	5.077-5.081" (128.950-129.050 MM)			Min Height:	5.065" (128.650 MM)	
Intake Hgt:	1.8858-1.9252" (47.900-48.900 MM)			Exhaust Hgt:	1.8858-1.9252" (47.900-48.900 MM)	
Notes:	TURBO, 24V, S80					
Comments:	* TAPERED VALVE STEM					
VOLVO	2.9	178	98	960	92-98	B6304S
New Height:	5.076-5.080" (128.93-129.032 MM)			Min Height:	5.064" (128.625 MM)	
Intake Hgt:	1.544-1.580" ** (39.217-40.132 MM)			Exhaust Hgt:	1.544-1.580" ** (39.217-40.132 MM)	
Notes:	SOHC, MFI, 960					
Comments:	* .015" VALVE STEM END RESURFACE LIMIT MAX. ** REPORTED BY MEMBER # 22431 USING A ROUND BAR W/ A HOLE DRILLED IN THE CENTER MOUNTED IN THE CAM BORES, MEASURING DOWN TO THE TIP OF THE VALVE APPROX 1.9094 = 1.560 08-01-02 MC					
VOLVO	3.0	178	95	960	92-99	B6304F DOHC
New Height:	5.076-5.080" (128.93-129.032 MM)			Min Height:	5.0630" (128.6 MM)	
Intake Hgt:	1.535" (38.989 MM)			Exhaust Hgt:	1.535" (38.989 MM)	
Casting Numbers:	Head #:1001008					
Notes:	DOHC, MFI, 960					
VOLVO	3.0	182		AQ165A		AQ165A
New Height:	3.4134" (86.7 MM)					
Notes:	GAS, ALSO AQ170A MARINE					
VOLVO	3.0	182	B30E		72-73	B30E
New Height:	3.4252" (87.000 MM)					
Casting Numbers:	Head #:1430105					
Notes:	FUEL INJECTION					
VOLVO	3.0	182	B30F		74-75	B30F
New Height:	3.4252" (87.000 MM)					
Notes:	FUEL INJECTION					
VOLVO	3.6	219		MD40A		TMD40
New Height:	3.421-3.429" (86.893-87.097 MM)					
Intake Pro / Rec:	.043-.063" V/REC (1.092-1.6 MM) *			Exhaust Pro / Rec:	.033-.053" V/REC (.838-1.346 MM) *	
Casting Numbers:	Head #:1000290					
Notes:	MARINE, & TMD40A, TAMD40A, TAMD40B					
Comments:	* MAX V/REC: INTAKE .071, EXHAUST .061					
VOLVO	3.6	219		MD41		MD41
New Height:	3.4213-3.4291" (86.900-87.100 MM)					
Intake Pro / Rec:	.002-.018" V/REC (.051-.457 MM)			Exhaust Pro / Rec:	.002-.018" V/REC (.051-.457 MM)	
Notes:	DIESEL, MARINE					
Comments:	* 41 SERIES AFTER ENGINE #2204137475: FREE LENGTH=1.744", CLOSED=31-36# @ 1.598", OPEN=125-138# @ 1.169"					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
VOLVO				6 Cylinders (cont.)		
VOLVO	3.6	219		TMD41		TMD41
New Height: 3.4213-3.4291" (86.900-87.100 MM)						
Intake Pro / Rec: .002-.018" V/REC (.051-.457 MM)				Exhaust Pro / Rec: .002-.018" V/REC (.051-.457 MM)		
Notes: TURBO DIESEL MARINE, 41 SERIES						
VOLVO	5.5	334		TD63		TD63
New Height: 3.976" (101.000 MM)						
Intake Pro / Rec: .000-.016" V/REC (.000-.400 MM)				Min Height: DO NOT RESURFACE *		
Exhaust Pro / Rec: .000-.016" V/REC (.000-.400 MM)						
Notes: TD63 SERIES						
Comments: * THIS IS AN EMISSIONS ENGINE THE VALVE RECESSON SPECS MUST BE RESTORED AFTER MILLING. 11-03-04						
VOLVO	5.5	334	TD	TD61	80-92	TD61
New Height: 3.976" (101.00 MM)						
Intake Pro / Rec: .028-.043" V/REC (.711-1.092 MM)				Min Height: 3.963" (100.65 MM)		
Exhaust Pro / Rec: .028-.043" V/REC (.711-1.092 MM)						
Notes: TD61 SERIES						
VOLVO	5.5	334	TD-B	TD60B	83-86	TD60B
New Height: 3.9764" (101.001 MM)						
Intake Pro / Rec: .022-.044" V/REC (.559-1.118 MM)				Min Height: 3.9625" (100.648 MM)		
Exhaust Pro / Rec: .022-.044" V/REC (.559-1.118 MM)						
Casting Numbers: Head #:465440, 465728						
Notes: TD60B TURBO DIESEL						
VOLVO	6.7	409		TD73		TD73
New Height: 4.2913" (108.999 MM)						
Intake Pro / Rec: .000-.016" V/REC (.000-.400 MM)				Min Height: DO NOT RESURFACE *		
Exhaust Pro / Rec: .000-.016" V/REC (.000-.400 MM)						
Notes: TURBO DIESEL						
Comments: * THIS IS AN EMISSIONS ENGINE THE VALVE RECESSON SPECS MUST BE RESTORED AFTER MILLING. 11-03-04						
VOLVO	6.7	409		VED7		VED7
Intake Pro / Rec: .035-.055" V/ PROTRUSION						
Exhaust Pro / Rec: .047-.067" V/ PROTRUSION						
Notes: DIESEL, DIR INJ						
VOLVO	6.7	409	TD	TD71	88-92	TD71
New Height: 4.2913" (108.999 MM)						
Intake Pro / Rec: .079-.094" V/REC (2.007-2.388 MM)				Min Height: 4.278" (108.650 MM)		
Exhaust Pro / Rec: .039-.055" V/REC (.991-1.397 MM)						
Casting Numbers: Head #:1001181						
Notes: TD71FA DIESEL, 71 SERIES						
VOLVO	6.7	409	TD70F	TD70F		TD70F
New Height: 4.2913" (108.999 MM)						
Intake Pro / Rec: .079-.094" V/REC (2.007-2.388 MM)				Exhaust Pro / Rec: .039-.055" V/REC (.991-1.397 MM)		
Casting Numbers: Head #:1001181						
Notes: TD70F, TD70FC DIESEL						
VOLVO	9.6	586		TD102		TD102
New Height: 4.528" (115.011 MM)						
Intake Pro / Rec: .047-.067" V/REC (1.194-1.702 MM)				Min Height: 4.514" (114.656 MM)		
Exhaust Pro / Rec: .047-.067" V/REC (1.194-1.702 MM)						
Notes: TURBO DIESEL GB						
Comments: * SPRING FULLY COMPRESSED (COIL-COIL), MAX.						
VOLVO	9.6	586	TD	100		TD100
New Height: 4.5275" (114.999 MM)						
Intake Pro / Rec: .060" MAX V/REC (1.524 MM)				Exhaust Pro / Rec: .060" MAX V/REC (1.524 MM)		
Casting Numbers: Head #:1001092						
Notes: TD100C, TD101GB DIESEL, DIRECT INJ						
VOLVO	12.0	732		TD122		TD122
Intake Pro / Rec: .008-.047" V/REC (.203-1.194 MM) *						
Exhaust Pro / Rec: .008-.047" V/REC (.203-1.194 MM) *						
Notes: TURBO DIESEL						
Comments: * MAX V/REC .059 I & E						
VOLVO	12.1	740		VED12		VED12
New Height: 5.3150" (135.001 MM)						
Intake Pro / Rec: .035-.055" V/REC (.900-1.400 MM)				Exhaust Pro / Rec: .047-.067" V/REC (1.200-1.702 MM)		
Notes: DIESEL, DIR INJ						

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
VOLVO				6 Cylinders (cont.)		
VOLVO	16.1	983		TD162		TD162
New Height:	5.320" (135.000 MM)			Min Height:	5.299" (134.600 MM)	
Intake Pro / Rec:	.058-.075" (1.470-1.900 MM) *			Exhaust Pro / Rec:	.056-.073" (1.430-1.850 MM) *	
Notes:	TURBO DIESEL, TD162KA					
Comments:	* INTAKE & EXHAUST MAX: .100" (2.500 MM). BRIDGE PIN HEIGHT: 1.326-1.350" (33.700-34.300 MM)					
VOLVO	16.1	983		TD164		TD164
New Height:	5.320" (135.000 MM)			Min Height:	5.299" (134.600 MM)	
Intake Pro / Rec:	.000-.016" (.000-.400 MM) *			Exhaust Pro / Rec:	.000-.016" (.000-.400 MM) *	
Notes:	TURBO DIESEL, TD164KAE					
Comments:	* INTAKE & EXHAUST MAX: .039" (1.000 MM). BRIDGE PIN HEIGHT: 1.326-1.350" (33.700-34.300 MM)					
WAUKESHA				4 Cylinders		
WAUKESHA	2.4	144		180DLC		180DLC
Intake Pro / Rec:	V/PRO			Exhaust Pro / Rec:	V/PRO	
Notes:	DIESEL					
WAUKESHA	2.5	155		155		VRD155D
Intake Pro / Rec:	.030-.050 V/REC" (.762-1.27 MM)			Exhaust Pro / Rec:	.960-.990 V/REC" (24.384-25.146 MM)	
Casting Numbers:	Head #:181502 BA6					
Notes:	VRD155D, DIESEL, CLARK FORKLIFTS, MILLERS WELDERS					
WAUKESHA	2.5	155		VRD155		VRD155
New Height:	4.500" (114.3 MM)			Min Height:	4.4700" (113.538 MM)	
Intake Pro / Rec:	.014-.029 V/PRO" (.356-.737 MM)			Exhaust Pro / Rec:	.026-.041 V/PRO" (.66-1.041 MM)	
Notes:	DIESEL, VR SERIES					
WAUKESHA	2.5	155		VRG155		VRG155
Intake Pro / Rec:	.014-.029 V/PRO" (.356-.737 MM)			Exhaust Pro / Rec:	.026-.041 V/PRO" (.66-1.041 MM)	
Casting Numbers:	Head #:220002A Block #: 2202E					
Notes:	GAS, CLARK FORKLIFTS, SAME AS 180 EXCEPT RMB SEAL					
WAUKESHA	2.5	155	G	155		D-155G
New Height:	4.500" (114.3 MM)			Min Height:	4.470" (113.538 MM)	
Casting Numbers:	Head #:102379A, 180602, 220002A Block #: 220020, 2202E, 235635					
Notes:	D-155G GAS, CLARK FORKLIFTS					
WAUKESHA	3.6	220		VRD220		VRD220
New Height:	4.500"			Min Height:	4.470"	
Notes:	DIESEL					
WAUKESHA	3.6	220	VR	220		VR-220
New Height:	4.5000" (114.3 MM)			Min Height:	4.4700" (113.538 MM)	
Intake Pro / Rec:	.014-.029" V/PRO (.356-.737 MM)			Exhaust Pro / Rec:	.026-.041" V/PRO (.66-1.041 MM)	
Casting Numbers:	Head #:216002 Block #: 216020					
Notes:	VR-220 DIESEL, OHV					
Comments:	OHV VALVE SPEC. IS ABOVE THE DECK OF HEAD					
WAUKESHA	3.6	220	VR(1)	220		VR-220
New Height:	4.5000" (114.3 MM)			Min Height:	4.4700" (113.538 MM)	
Intake Pro / Rec:	.014-.029" V/PRO (.356-.737 MM)			Exhaust Pro / Rec:	.026-.041" V/PRO (.66-1.041 MM)	
Casting Numbers:	Head #:216102 Block #: 216020					
Notes:	VR-220 GAS, OHV					
Comments:	VALVE SPEC. IS ABOVE THE DECK OF HEAD					
WAUKESHA				6 Cylinders		
WAUKESHA	0.0	0		VHP		VHP SERIES
New Height:	4.500" (114.3 MM)			Min Height:	4.470" (113.538 MM)	
Intake Pro / Rec:	.034-.054 V/REC" (.864-1.372 MM)			Exhaust Pro / Rec:	.034-.054 V/REC" (.864-1.372 MM)	
Notes:	DIESEL 155, 220(S), 232, 265, 383, 310, 330(S)					
WAUKESHA	0.0	0		VRD		VRD
New Height:	4.500" (114.3 MM)			Min Height:	4.4700" (113.538 MM)	
Intake Pro / Rec:	.014-.029 V/PRO" (.356-.737 MM)			Exhaust Pro / Rec:	.026-.041 V/PRO" (.66-1.041 MM)	
Casting Numbers:	Block #:221620					
Notes:	155, 220(S), 232, 265, 283, 310, 330(S)					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
WAUKESHA				6 Cylinders (cont.)		
WAUKESHA	3.8	232		VRD232		VRD232
New Height:	4.500" (114.3 MM)			Min Height:	4.4700" (113.538 MM)	
Intake Pro / Rec:	.014-.029 V/PRO" (.356-.737 MM)			Exhaust Pro / Rec:	.026-.041 V/PRO" (.66-1.041 MM)	
Casting Numbers:	Head #:185502B, 190002C					
Notes:	DIESEL, VR SERIES					
WAUKESHA	4.3	265		VRD	62-64	VRD
Intake Pro / Rec:	.020-.040 V/REC" (.508-1.016 MM) *			Exhaust Pro / Rec:	1.006" V/REC" (25.552 MM) *	
Casting Numbers:	Head #:191002, 192202B					
Notes:	VRD, DIESEL, 1600 OLIVER TRACTOR					
Comments:	* REPORTED #39975 11-21-02 MC					
WAUKESHA	4.3	265		VRG265	53-64	VRG265
New Height:	4.500" (114.3 MM)			Min Height:	4.470" (113.538 MM)	
Notes:	GAS, VR SERIES, 880, 1600, 1650 OLIVER TRACTORS					
Comments:	* ENGINES W/OUT ROTATORS HAVE SAME SPG PRESS I & E					
WAUKESHA	4.6	283		VRD283		VRD283
New Height:	4.500" (114.3 MM)			Min Height:	4.4700" (113.538 MM)	
Intake Pro / Rec:	.014-.029 V/PRO" (.356-.737 MM)			Exhaust Pro / Rec:	.026-.041 V/PRO" (.66-1.041 MM)	
Casting Numbers:	Head #:223202, 228202 Block #: 22132D, 221620, 228202					
Notes:	DIESEL, VR SERIES, OLIVER 1600, 1650 & 1655					
WAUKESHA	4.6	283		VRG283		VRG283
New Height:	4.3420" (110.287 MM)			Exhaust Pro / Rec:	.026-.041 V/PRO" (.66-1.041 MM)	
Intake Pro / Rec:	.014-.029 V/PRO" (.356-.737 MM)					
Notes:	GAS, VR SERIES					
WAUKESHA	5.1	310		VRD310		VRD310
New Height:	4.5000-4.5050" (114.3-114.427 MM)			Min Height:	4.4700" (113.538 MM)	
Intake Pro / Rec:	.014-.029 V/PRO" (.356-.737 MM)			Exhaust Pro / Rec:	.026-.041 V/PRO" (.66-1.041 MM)	
Casting Numbers:	Head #:223202, 228202, AA223202 Block #: 221520B					
Notes:	VR SERIES DIESEL, 1755, 1855 OLIVER					
WAUKESHA	5.1	310		VRG310		VRG310
New Height:	4.5000-4.5050" (114.3-114.427 MM)			Min Height:	4.4700" (113.538 MM)	
Casting Numbers:	Head #:223202, 228202, AA223202 Block #: 221520B					
Notes:	GAS, VR SERIES, 1850 OLIVER					
Comments:	** ENGINES WITH ROTATORS HAVE SIMILAR PRESSURES AT 1.350 & 1.750", SPRING FREE LENGTH 2.378-2.500"					
WAUKESHA	16.5	1,012				
New Height:	5.6250" (142.875 MM)			Exhaust Hgt:	V/PRO .140 MAX" (3.556 MM)	
Intake Hgt:	V/PRO .140 MAX" (3.556 MM)			Exhaust Pro / Rec:	.140 MAX V/PRO" (3.556 MM)	
Intake Pro / Rec:	.140 MAX V/PRO" (3.556 MM)					
Casting Numbers:	Head #:123402					
Notes:	DIESEL					
Comments:	WAUKESHA DIESEL ENGINE					
WAUKESHA	18.0	1,096		F18GL		F18GL
Intake Pro / Rec:	.041-.059" V/REC (1.040-1.500 MM)			Exhaust Pro / Rec:	.041-.059" V/REC (1.040-1.500 MM)	
Notes:	GAS, TURBOCHARGED & INTERCOOLED, VGF SERIES ENGINE					
WAUKESHA	19.6	1,197		1197		1197
New Height:	5.6250" (142.875 MM)			Exhaust Pro / Rec:	.140" MAX V/PRO (3.556 MM)	
Intake Pro / Rec:	.140" MAX V/PRO (3.556 MM)					
Notes:	NAT'L GAS, MODEL 6WAKB,F1197,6WALH,6WAKH,6WAL,6WAK					
WAUKESHA	19.6	1,197	D	1197		1197
New Height:	5.6250" (142.875 MM)			Exhaust Pro / Rec:	.140" MAX V/PRO (3.556 MM)	
Intake Pro / Rec:	.140" MAX V/PRO (3.556 MM)					
Casting Numbers:	Head #:123402, 125002					
Notes:	DIESEL, MODEL 6WAKB, 6WALH, 6WAKH, 1197					
WAUKESHA	47.4	2,894	EARLY	VHP DIESEL		VHP DIESEL
Intake Pro / Rec:	.034-.054 V/REC" (.864-1.372 MM)			Exhaust Pro / Rec:	.034-.054 V/REC" (.864-1.372 MM)	
Casting Numbers:	Head #:204102					
Notes:	8 1/2 BORE DIESEL					
Comments:	* W/SOLID LIFTERS: I .004-.006", E .020-.022" COLDGUIDES ARE NOT WATER COOLED.					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
WAUKESHA						6 Cylinders (cont.)
WAUKESHA	47.4	2,894	LATE	VHP		VHP
New Height:	8.4580-8.4780" (214.833-215.341 MM)			Min Height:	8.4380" (214.325 MM)	
Intake Pro / Rec:	.034-.054 V/REC" (.864-1.372 MM)			Exhaust Pro / Rec:	.034-.054 V/REC" (.864-1.372 MM)	
Notes:	GAS, VHP SERIES, MODELS F2895G, F2895GSI, F3521					
WHITE						3 Cylinders
WHITE	2.3	143		2-50		
Intake Pro / Rec:	.030-.040 V/REC" (.762-1.016 MM)			Exhaust Pro / Rec:	.030-.040 V/REC" (.762-1.016 MM)	
Notes:	FIAT DIESEL, TRACTOR					
WHITE						6 Cylinders
WHITE	4.6	283		2-70		2-70 DIESEL
New Height:	4.0000-4.5050" (101.6-114.427 MM)			Min Height:	4.4700" (113.538 MM)	
Intake Pro / Rec:	.014-.029 V/PRO" (.356-.737 MM)			Exhaust Pro / Rec:	.026-.040 V/PRO" (.66-1.016 MM)	
Notes:	2-70 DIESEL TRACTOR					
Comments:	2-70 WHITE TRACTOR		<-- FRONT OF HEAD		10-8-4- 1-3- 7 -9	
	14-12-6-2-5-11-13					
WHITE	5.8	354		2-85		
Intake Pro / Rec:	.029-.050 V/REC" (.737-1.27 MM)			Exhaust Pro / Rec:	.029-.050 V/REC" (.737-1.27 MM)	
Notes:	PERKINS DIESEL, 2-85, 2-105					
Comments:	* RCKR SHAFT 4 LONG SPRGS FREE LENGTH=3.000", TEST@ 9-10# WHEN COMPRESSED-2.156" 2 SHORT SPRGS FREE LENGTH=1.094", TEST @ 7-8# WHEN COMPRESSED-.828"					
WHITE	7.8	478	D	478		
Intake Pro / Rec:	.019-.032 V/REC" (.483-.813 MM)			Exhaust Pro / Rec:	.019-.032 V/REC" (.483-.813 MM)	
Notes:	2-135, 2-155 DIESEL TRACTORS					
Comments:	HEAD TORQUE IS A 4 STEP PROCEDURE.					
WISCONSIN						1 Cylinder
WISCONSIN	0.3	21		WD1-340		WD1-340
Intake Pro / Rec:	.024-.037 V/REC" (.61-.94 MM)			Exhaust Pro / Rec:	.024-.037 V/REC" (.61-.94 MM)	
Notes:	DIESEL, 4-STROKE, AIR-COOL, ALSO MODEL WD1-350					
WISCONSIN	0.4	23		TRD1-375		TRD1-375
Intake Pro / Rec:	.035-.043 REC ** (.889-1.092 MM)			Exhaust Pro / Rec:	.035-.043 REC ** (.889-1.092 MM)	
Notes:	DIESEL, 4-STROKE, VERTICAL, AIR-COOL, DIR INJ, TRD1-380					
Comments:	* MAX V/REC .070					
WISCONSIN	0.4	26		WD1-430		WD1-430
Intake Pro / Rec:	.024-.037 V/REC" (.61-.94 MM)			Exhaust Pro / Rec:	.024-.037 V/REC" (.61-.94 MM)	
Notes:	DIESEL, 4-STROKE, AIR-COOLED					
WISCONSIN	0.5	29		TRD1-480		TRD1-480
Intake Pro / Rec:	.035-.043 REC ** (.889-1.092 MM)			Exhaust Pro / Rec:	.035-.043 REC ** (.889-1.092 MM)	
Notes:	DIESEL, 4-STROKE, VERTICAL, AIR-COOLED, DIR INJ					
Comments:	* MAX V/REC .070					
WISCONSIN	0.5	33		TRD1-540		TRD1-540
Intake Pro / Rec:	.035-.043 REC ** (.889-1.092 MM)			Exhaust Pro / Rec:	.035-.043 REC ** (.889-1.092 MM)	
Notes:	DIESEL, 4-STROKE, VERTICAL, AIR-COOLED, DIR INJ					
Comments:	* MAX V/REC .070					
WISCONSIN	0.6	37		TRD1-605		TRD1-605
Intake Pro / Rec:	.035-.043 REC ** (.889-1.092 MM)			Exhaust Pro / Rec:	.035-.043 REC ** (.889-1.092 MM)	
Notes:	DIESEL, 4-STROKE, VERTICAL, AIR-COOLED, DIR INJ					
Comments:	* MAX V/REC .070					
WISCONSIN	0.7	41		WD1-660		WD1-660
Intake Pro / Rec:	.024-.037 V/REC" (.61-.94 MM)			Exhaust Pro / Rec:	.024-.037 V/REC" (.61-.94 MM)	
Notes:	DIESEL, 4-STROKE, AIR-COOLED, ALSO MODEL WD1-670					
WISCONSIN	0.8	46		WD1-750		WD1-750
Intake Pro / Rec:	.024-.037 V/REC" (.61-.94 MM)			Exhaust Pro / Rec:	.024-.037 V/REC" (.61-.94 MM)	
Notes:	DIESEL, 4-STROKE, AIR-COOLED					

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
WISCONSIN				2 Cylinders		
WISCONSIN	0.8	46		TRD2-755		TRD2-755
Intake Pro / Rec:		.035-.043 REC*** (.889-1.092 MM)		Exhaust Pro / Rec:		.035-.043 REC*** (.889-1.092 MM)
Notes: DIESEL, 4-STROKE, VERTICAL, AIR-COOLED, DIRECT INJ						
Comments: * TYPE "C" INJECTOR PROTRUSION: .088-.108 ** MAX V/REC .070						
WISCONSIN	0.9	52		TRD2-850		TRD2-850
Intake Pro / Rec:		.035-.043 REC*** (.889-1.092 MM)		Exhaust Pro / Rec:		.035-.043 REC*** (.889-1.092 MM)
Notes: DIESEL, 4-STROKE, VERTICAL, AIR-COOLED, DIRECT INJ						
Comments: * TYPE "C" INJECTOR PROTRUSION: .088-.108 ** MAX V/REC .070						
WISCONSIN	0.9	53		WD2-860		WD2-860
Intake Pro / Rec:		.024-.037 V/REC" (.61-.94 MM)		Exhaust Pro / Rec:		.024-.037 V/REC" (.61-.94 MM)
Notes: DIESEL, 4-STROKE, AIR-COOLED						
WISCONSIN	1.0	58		TRD2-955		TRD2-955
Intake Pro / Rec:		.035-.043 REC*** (.889-1.092 MM)		Exhaust Pro / Rec:		.035-.043 REC*** (.889-1.092 MM)
Notes: DIESEL, 4-STROKE, VERTICAL, AIR-COOLED, DIRECT INJ						
Comments: * TYPE "C" INJECTOR PROTRUSION: .088-.108 ** MAX V/REC .070						
WISCONSIN	1.0	61		WD2-1000		WD2-1000
Intake Pro / Rec:		.024-.037 V/REC" (.61-.94 MM)		Exhaust Pro / Rec:		.024-.037 V/REC" (.61-.94 MM)
Notes: DIESEL, 4-STROKE, AIR-COOLED						
WISCONSIN	1.1	69		TRD2-1130		TRD2-1130
Intake Pro / Rec:		.035-.043 REC*** (.889-1.092 MM)		Exhaust Pro / Rec:		.035-.043 REC*** (.889-1.092 MM)
Notes: DIESEL, 4-STROKE, VERTICAL, AIR-COOLED, DIRECT INJ						
Comments: * TYPE "C" INJECTOR PROTRUSION: .088-.108 ** MAX V/REC .070						
WISCONSIN	1.2	74		TRD2-1205		TRD2-1205
Intake Pro / Rec:		.035-.043 REC*** (.889-1.092 MM)		Exhaust Pro / Rec:		.035-.043 REC*** (.889-1.092 MM)
Notes: DIESEL, 4-STROKE, VERTICAL, AIR-COOLED, DIRECT INJ						
Comments: * TYPE "C" INJECTOR PROTRUSION: .088-.108 ** MAX V/REC .070						
WISCONSIN				4 Cylinders		
WISCONSIN	2.5	177	465			V460, 461, 465,
Intake Hgt:		1.800"		Exhaust Hgt:		1.860"
Notes: V460, 461, 465, GAS AIR COOLED ENGINE						
Comments: * WHEN CLR. IS .006" REPLACE GUIDES						
YANMAR				1 Cylinder		
YANMAR	0.2	12		L40AE		L40AE
Intake Pro / Rec:		.012-.028" V/REC (.300-.700 MM) *		Exhaust Pro / Rec:		.012-.028" (.300-.700 MM) *
Notes: DIESEL, DIR INJ, AIR COOLED						
Comments: * MAX V/REC .043" (1.100 MM)						
YANMAR	0.2	13		L48AE		L48AE
Intake Pro / Rec:		.012-.028" V/REC (.300-.700 MM) *		Exhaust Pro / Rec:		.012-.028" V/REC (.300-.700 MM) *
Notes: DIESEL, DIR INJ, AIR COOLED						
Comments: * MAX V/REC .043" (1.100 MM)						
YANMAR	0.3	17		L60AE		L60AE
Intake Pro / Rec:		.012-.028" V/REC (.300-.700 MM) *		Exhaust Pro / Rec:		.012-.028" V/REC (.300-.700 MM) *
Notes: DIESEL, DIR INJ, AIR COOLED						
Comments: * MAX V/REC .043" (1.100 MM)						
YANMAR	0.3	18		L70AE		L70AE
Intake Pro / Rec:		.012-.028" V/REC (.300-.700 MM) *		Exhaust Pro / Rec:		.012-.028" V/REC (.300-.700 MM) *
Notes: DIESEL, DIR INJ, AIR COOLED						
Comments: * MAX V/REC .043" (1.100 MM)						
YANMAR	0.3	19		TF50		
Intake Pro / Rec:		.014-.024 V/REC" (.356-.61 MM)		Exhaust Pro / Rec:		.030-.040 V/REC" (.762-1.016 MM)
Notes: DIESEL, 4-STROKE, D/I, LIQUID COOLED, HORIZONTAL CYL						
YANMAR	0.3	21		L75AE		L75AE
Intake Pro / Rec:		.012-.028" V/REC (.300-.700 MM) *		Exhaust Pro / Rec:		.012-.028" V/REC (.300-.700 MM) *
Notes: DIESEL, DIR INJ, AIR COOLED						
Comments: * MAX V/REC .043" (1.100 MM)						

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
YANMAR				1 Cylinder (cont.)		
YANMAR	0.4	22		TF60		
Intake Pro / Rec:		.014-.024 V/REC" (.356-.61 MM)		Exhaust Pro / Rec:		.030-.040 V/REC" (.762-1.016 MM)
Notes: DIESEL, 4-STROKE, D/I, LIQUID COOLED, HORIZONTAL CYL						
YANMAR	0.4	23		TF70		
Intake Pro / Rec:		.014-.024 V/REC" (.356-.61 MM)		Exhaust Pro / Rec:		.030-.040 V/REC" (.762-1.016 MM)
Notes: DIESEL, 4-STROKE, D/I, LIQUID COOLED, HORIZONTAL CYL						
YANMAR	0.4	24		L90AE		L90AE
Intake Pro / Rec:		.012-.028" V/REC (.300-.700 MM) *		Exhaust Pro / Rec:		.012-.028" V/REC (.300-.700 MM) *
Notes: DIESEL, DIR INJ, AIR COOLED						
Comments: * MAX V/REC .043" (1.100 MM)						
YANMAR	0.4	25		L100AE		L100AE
Intake Pro / Rec:		.012-.028" V/REC (.300-.700 MM) *		Exhaust Pro / Rec:		.012-.028" V/REC (.300-.700 MM) *
Notes: DIESEL, DIR INJ, AIR COOLED						
Comments: * MAX V/REC .043" (1.100 MM)						
YANMAR	0.4	27		TF80		
Intake Pro / Rec:		.012-.024 V/REC" (.305-.61 MM)		Exhaust Pro / Rec:		.030-.040 V/REC" (.762-1.016 MM)
Notes: DIESEL, 4-STROKE, D/I, LIQUID COOLED, HORIZONTAL CYL						
YANMAR	0.5	30		TF90		
Intake Pro / Rec:		.012-.024 V/REC" (.305-.61 MM)		Exhaust Pro / Rec:		.030-.040 V/REC" (.762-1.016 MM)
Notes: DIESEL, 4-STROKE, D/I, LIQUID COOLED, HORIZONTAL CYL						
YANMAR	0.6	36		TF110		
Intake Pro / Rec:		.028-.040 V/REC" (.711-1.016 MM)		Exhaust Pro / Rec:		.031-.043 V/REC" (.787-1.092 MM)
Notes: DIESEL, 4-STROKE, D/I, LIQUID COOLED, HORIZONTAL CYL						
YANMAR	0.7	42		TF120		
Intake Pro / Rec:		.028-.040 V/REC" (.711-1.016 MM)		Exhaust Pro / Rec:		.031-.043 V/REC" (.787-1.092 MM)
Notes: DIESEL, 4-STROKE, D/I, LIQUID COOLED, HORIZONTAL CYL						
YANMAR	0.8	46		TF140		
Intake Pro / Rec:		.014-.028 V/REC" (.356-.711 MM)		Exhaust Pro / Rec:		.040-.047 V/REC" (1.016-1.194 MM)
Notes: DIESEL, 4-STROKE, D/I, LIQUID COOLED, HORIZONTAL CYL						
YANMAR	0.9	52		TF160		
Intake Pro / Rec:		.014-.028 V/REC" (.356-.711 MM)		Exhaust Pro / Rec:		.040-.047 V/REC" (1.016-1.194 MM)
Notes: DIESEL, 4-STROKE, D/I, LIQUID COOLED, HORIZONTAL CYL						
YANMAR				2 Cylinders		
YANMAR	0.6	38		2T73A		2T73A
Intake Pro / Rec:		.020" MAX V/REC (.508 MM)		Exhaust Pro / Rec:		.020" MAX V/REC (.508 MM)
Notes: DIESEL, YM135, YM135D						
Comments: * VALVE GUIDE DIAMETER: INTAKE .2756-.2762, EXHAUST .2764-.2776						
YANMAR	0.7	40		2TR13A		2TR13A
Intake Pro / Rec:		.020" MAX V/REC (.508 MM)		Exhaust Pro / Rec:		.020" MAX V/REC (.508 MM)
Notes: DIESEL, YM155, YM155D						
Comments: * VALVE GUIDE DIAMETER: INTAKE .2756-.2762, EXHAUST .2764-.2776						
YANMAR	0.9	52		2T80UJ		2T80UJ
Intake Pro / Rec:		.050" V/REC (1.27 MM)		Exhaust Pro / Rec:		.050" V/REC (1.27 MM)
Notes: DIESEL, 650 JOHN DEERE						
YANMAR	1.0	61		2T84A		
Intake Pro / Rec:		.020" MAX V/REC (.508 MM)		Exhaust Pro / Rec:		.020" MAX V/REC (.508 MM)
Notes: DIESEL, YM195, YM195D						
Comments: * VALVE GUIDE DIAMETER: INTAKE .2756-.2762, EXHAUST .2764-.2776						
YANMAR	1.2	70		2TR20A-X		YM240, YM240
Intake Pro / Rec:		.020" MAX V/REC (.508 MM)		Exhaust Pro / Rec:		.020" MAX V/REC (.508 MM)
Notes: DIESEL, YM240, YM240D						
Comments: * VALVE GUIDE DIAMETER: INTAKE .2756-.2762, EXHAUST .2764-.2776						

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
YANMAR				3 Cylinders		
YANMAR	0.0	0		3TG66		3TG66
Intake Pro / Rec: .020" MAX V/REC (.508 MM)				Min Height: .008" MAX RESURF (.203 MM)		
Notes: GAS, JOHN DEERE, MOWER F912, GARDEN TRACTOR 322				Exhaust Pro / Rec: .020" MAX V/REC (.508 MM)		
YANMAR	0.0	0		3TG72		3TG72
Intake Pro / Rec: .024" MAX V/REC (.61 MM)				Min Height: .008" MAX (.203 MM)		
Notes: GAS, JOHN DEERE MOWER F932				Exhaust Pro / Rec: .024" MAX V/REC (.61 MM)		
YANMAR	0.7	40		3TN66E		3.66
Intake Pro / Rec: .012-.020" V/REC (.300-.500 MM)				Exhaust Pro / Rec: .030-.037" V/REC (.750-.950 MM)		
Notes: DIESEL,4-STROKE,VERTICAL,WATER COOLED,INDIRECT INJ						
Comments: TORQUE SEQUENCE: 7 1 10 13 3 6 12 11 5 4 14 9 2 8 FRONT ->						
YANMAR	0.8	48		3TNE68		3TNE68
Intake Pro / Rec: .012-.020" V/REC (.300-.500 MM)				Exhaust Pro / Rec: .012-.020" V/REC (.300-.500 MM)		
Notes: DIESEL, JOHN DEERE						
YANMAR	0.9	54		3TNA72		3.88
Intake Pro / Rec: .020" V/REC (.508 MM)				Min Height: .008" MAX (.203 MM)		
Casting Numbers: Block #:2B8304				Exhaust Pro / Rec: .033" V/REC (.838 MM)		
Notes: DIESEL, 4-STROKE, H2O COOLED, INDIRECT INJ						
Comments: TORQUE SEQUENCE: 7 1 10 13 3 6 12 11 5 4 14 9 2 8 FRONT ->						
YANMAR	1.0	61		3TN75		
New Height: NOT SUPPLIED BY OEM				Min Height: .008" MAX REMOVE (.203 MM)		
Intake Pro / Rec: .012-.020 V/REC" (.305-.508 MM)				Exhaust Pro / Rec: .012-.020 V/REC" (.305-.508 MM)		
Notes: DIESEL,JOHN DEERE,4-STROKE,VERTICAL,,H2O COOLED,D/I						
Comments: TORQUE SEQUENCE: 7 1 10 13 3 6 12 FRONT -> 11 5 4 14 9 2 8						
YANMAR	1.0	61		3TNE74	81-88	3TNE74
Intake Pro / Rec: .016-.024" V/REC (.400-.600 MM)				Exhaust Pro / Rec: * SEE COMMENTS		
Notes: DIESEL, JOHN DEERE, INDIRECT INJECTION						
Comments: * EXH VALVE RECESSON: VM=.030-.037", CH=.016-.024", VH=.016-.024"						
YANMAR	1.2	70		3TNC78		3TNC78
Intake Pro / Rec: .012-.020" V/REC (.305-.508 MM)				Min Height: .008" MAX REMOVE (.203 MM)		
Notes: DIESEL, JOHN DEERE, ALSO 3TNC78E, DIRECT INJECTION				Exhaust Pro / Rec: .012-.020" V/REC (.305-.508 MM)		
YANMAR	1.2	75		3TN78		3TN78
Intake Pro / Rec: .012-.020" V/REC (.305-.508 MM)				Min Height: .008" MAX REMOVE (.203 MM)		
Notes: DIESEL, JOHN DEERE, DIRECT INJECTION				Exhaust Pro / Rec: .012-.020" V/REC (.305-.508 MM)		
YANMAR	1.3	78		3T80UJ		3T80UJ
Intake Pro / Rec: .050" V/REC (1.27 MM)				Exhaust Pro / Rec: .050" V/REC (1.27 MM)		
Notes: DIESEL						
YANMAR	1.4	83		3TN82		3TN82
New Height: 2.955" (75.057 MM)				Min Height: .008" MAX REMOVE (.203 MM)		
Intake Pro / Rec: .012-.020" V/REC (.305-.508 MM)				Exhaust Pro / Rec: .012-.020" V/REC (.305-.508 MM)		
Notes: DIESEL, 3TNA82, JOHN DEERE, 4-STROKE, VERTICAL,D/I						
Comments: TORQUE SEQUENCE: 7 1 10 13 3 6 12 FRONT -> 11 5 4 14 9 2 8						
YANMAR	1.4	87		3TN84		3TN84
Intake Pro / Rec: .012-.020" V/REC (.305-.508 MM)				Min Height: .008" MAX REMOVE (.203 MM)		
Casting Numbers: Head #:3T90T-J				Exhaust Pro / Rec: .012-.020" V/REC (.305-.508 MM)		
Notes: DIESEL,JOHN DEERE,4-STROKE,VERTICAL,,H2O COOLED,D/I						
YANMAR	1.5	91		3T84A		3T84A
Intake Pro / Rec: .049-.072" V/REC (1.245-1.829 MM)				Exhaust Pro / Rec: .049-.072" V/REC (1.245-1.829 MM)		
Notes: DIESEL, YM330, YM330D						
Comments: * VALVE GUIDE DIAMETER: INTAKE .2756-.2762, EXAUST .2764-.2776						

Cylinder Head and Block Application Section

Make	Liter	CID	Vin	Model	Year	Engine Model
YANMAR				3 Cylinders		(cont.)
YANMAR	1.6	100		3TNE88		3TNE88
Intake Pro / Rec:		.012-.020" V/REC (.306-.506 MM)		Exhaust Pro / Rec:		.012-.020" V/REC (.300-.500 MM)
Notes: DIESEL, JOHN DEERE, DIRECT INJECTION						
YANMAR				4 Cylinders		
YANMAR	1.6	100		4JHE		4JHE
Intake Pro / Rec:		.016-.024" REC (.406-.61 MM) *		Exhaust Pro / Rec:		.016-.024" REC (.406-.61 MM) *
Notes: DIESEL, 4JH-TE TURBO, 4JH-HTE TURBO, 4JH-DTE TURBO						
Comments: * MAX V/REC .060						
YANMAR	1.8	111		4TN82		
New Height:		2.955" (75.057 MM)		Min Height:		.008" MAX REMOVE (.203 MM)
Intake Pro / Rec:		.012-.020" V/REC (.305-.508 MM)		Exhaust Pro / Rec:		.012-.020" V/REC (.305-.508 MM)
Notes: DIESEL, JOHN DEERE SKID LOADER, 4TN82E, D/I, H20 COOLD						
YANMAR	1.9	116		4TN84		4TN84
Intake Pro / Rec:		.012-.020 V/REC" (.305-.508 MM)		Min Height:		.008 MAX REMOVE" (.203 MM)
Notes:		DIESEL, JOHN DEERE, TURBO & NON-TURBO, DIR INJ				
YANMAR	1.9	116	TK482	TK482		TK482
Intake Pro / Rec:		.012-.020" V/REC (.306-.505 MM) *		Exhaust Pro / Rec:		.012-.020" V/REC (.300-.500 MM) *
Notes: DIESEL, 4 STROKE, WATER COOLED						
Comments: * MAX VALVE RECESSON IS .039" (1.000 MM) INTAKE & EXHAUST.						
YANMAR	2.1	128	TK486	TK486		TK486
Intake Pro / Rec:		.012-.020" V/REC (.306-.505 MM) *		Exhaust Pro / Rec:		.012-.020" V/REC (.300-.500 MM) *
Notes: DIESEL, 4 STROKE, WATER COOLED						
Comments: * MAX VALVE RECESSON INT & EXH .039" (1.000 MM)						
YANMAR	2.2	134		4TNE88		4TNE88
Intake Pro / Rec:		.012-.020" V/REC (.306-.506 MM)		Exhaust Pro / Rec:		.012-.020" V/REC (.300-.500 MM)
Notes: DIESEL, JOHN DEERE, DIRECT INJECTION						
YANMAR	3.3	202		4TNE98		4TNE98
Intake Pro / Rec:		.019-.028" REC (.500-.700 MM), .039" MAX		Exhaust Pro / Rec:		.024-.031" REC (.600-.800 MM), .043" M
Notes: DIESEL						
YANMAR	3.5	211		4LH SERIES	88-01	4LH SERIES
Intake Pro / Rec:		.0079-.0157" V/REC (.200-.400 MM)		Exhaust Pro / Rec:		.0079-.0157" V/REC (.200-.400 MM)
Notes: DIESEL, 4LH-TE, 4LH-HTE, 4LH-DTE, 4LH-STE						
Comments: * VALVE LENGTH 4LH-DTE & STE=INT 4.780" (121.500 MM), EXH 4.800" (122.000 MM). ** HEAD DIAM 4LH-DTE & STE= INT 2.560" (46.000 MM), EXH 1.560" (39.500 MM). *** SEAT OD 4LH-DTE & STE=INT 1.790" (45.500 MM), EXH 1.540" (39.000 MM).						
YANMAR	3.5	211		4TN100		4TN100
Intake Pro / Rec:		.008-.016" V/REC (.200-.400 MM) *		Min Height:		.008" MAX REMOVE
Exhaust Pro / Rec:		.008-.016" V/REC (.200-.400 MM) *				
Notes: DIESEL, JOHN DEERE, DIR INJ						
Comments: * MAX V/REC .071" (1.800 MM)						
YANMAR				6 Cylinders		
YANMAR	7.1	435		6CX-ETYE	-93	6CX-ETYE
New Height:		4.490" (114.046 MM)		Exhaust Hgt:		1.930" (49.022 MM)
Intake Hgt:		1.950" (49.530 MM)		Exhaust Pro / Rec:		.004-.012" V/REC (.100-.300 MM) *
Intake Pro / Rec:		.004-.012" VREC (.100-.300 MM) *				
Notes: TURBO DIESEL, DIRECT INJECTION, VERTICAL						
Comments: * MAX V/REC INT & EXH=.035" (.900 MM). NOTE: INT & EXH VALVES HAVE A SIMILAR SHAPE. DO NOT MISTAKE ONE FOR THE OTHER: INT VALVE HAS "S" MARK, EXH VALVE HAS "E" MARK.						

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
# 10	HYUNDAI	2.4	SONATA	S	143	L 4	99-05
0	CHRYSLER	2.4	CIRRUS	X	148	L 4	95-05
0	CHRYSLER	7.0	HEMI	H J R	426	V 8	66-71
0	CHRYSLER	7.0	HEMI	H J R	426	V 8	66-71
0	CUMMINS	9.1	TRIPLE NICKEL		555	V 8	
0	FORD	3.7	No Model		226	L 6	47-52
0	FORD	3.7	No Model		226	L 6	47-52
0	FORD	3.7	No Model		226	L 6	47-52
0	FORD	3.7	No Model		226	L 6	47-52
0	FORD	3.7	No Model		226	L 6	47-52
0	FORD	3.7	No Model		226	L 6	47-52
0	FORD	3.7	No Model		226	L 6	47-52
0	FORD	3.7	No Model		226	L 6	47-52
0	FORD	3.7	No Model		226	L 6	47-52
0	FORD	3.7	No Model		226	L 6	47-52
0	FORD	4.6	No Model	6	281	V 8	96-01
0	FORD	4.6	No Model	6	281	V 8	96-01
0	GM	5.0	No Model	9	307	V 8	87-90
0	GM	5.0	No Model	9	307	V 8	87-90
0	HONDA	2.4	ACCORD	K24A4	144	L 4	03-05
0	JOHN DEERE	5.3	A		321	L 2	34-52
0	MINN MOLINE	3.4	335		206	L 4	
0	MINN MOLINE	3.9	No Model		236	L 4	
0	MINN MOLINE	3.9	No Model		236	L 4	
00000	CHRYSLER	4.8	No Model	A/J	290	V 8	66-69
000000	CHRYSLER	7.2	No Model		440	V 8	76-76
01	GM	4.9	No Model	P	301	V 8	77-81
01	GM	4.9	No Model	T	301	V 8	77-81
01	GM	4.9	No Model	W	301	V 8	79-81
01	GM	4.9	No Model	Y	301	V 8	77-79
0142	GM	5.0	No Model	9	307	V 8	87-90
0142	GM	5.0	No Model	Y	307	V 8	81-88
0142	GM	5.0	No Model	Y	307	V 8	81-88
0187	GM	6.6	FIREBIRD	S	400	V 8	67-79
0187	GM	6.9	BONNEVILLE	P	421	V 8	61-66
0187	GM	7.0	No Model	P	428	V 8	67-69
02	TOYOTA	2.2	No Model	L	134	L 4	81-83
02	TOYOTA	2.4	4-RUNNER	22R-E	144	L 4	89-95
02113373B	VOLKSWAGEN	2.8	CORRADO	AAA	170	V 6	92-99
022103373A	VOLKSWAGEN	2.8	EUROVAN	AXK	170	V 6	02-03
025101375	VOLKSWAGEN	1.9	VANAGON	DH	117	H 4	83-85
025101375	VOLKSWAGEN	2.1	VANAGON	MV	129	H 4	86-91
026103373AA	VOLKSWAGEN	1.8	FOX	JH	109	L 4	83-89
026103373AA	VOLKSWAGEN	1.8	GOLF	GX	109	L 4	85-90
026103373AA	VOLKSWAGEN	1.8	No Model	JN	109	L 4	85-90
026103373G	AUDI	1.8	No Model		112	L 4	84-87
026103373G	VOLKSWAGEN	1.8	CABRIOLET	2H	109	L 4	90-94
026103373G	VOLKSWAGEN	1.8	FOX	JH	109	L 4	83-89
026103373G	VOLKSWAGEN	1.8	GOLF	GX	109	L 4	85-90
026103373G	VOLKSWAGEN	1.8	GOLF	RD	109	L 4	85-87
026103373G	VOLKSWAGEN	1.8	JETTA	RV	109	L 4	88-92
026103373G	VOLKSWAGEN	1.8	No Model	ABG	109	L 4	91-93
026103373G	VOLKSWAGEN	1.8	No Model	JN	109	L 4	85-90
026103373G	VOLKSWAGEN	1.8	No Model	LM	109	L 4	85-92
026103373G	VOLKSWAGEN	1.8	No Model	MZ	109	L 4	85-86
026103373G	VOLKSWAGEN	1.8	No Model	PF	109	L 4	88-92

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
026103373G	VOLKSWAGEN	1.8	No Model	PG	109	L 4	89-93
026103373H	VOLKSWAGEN	1.8	FOX	JH	109	L 4	83-89
027103373E	AUDI	1.8	No Model	DOHC	112	L 4	86-88
027103373E	VOLKSWAGEN	1.8	GOLF	PL	109	L 4	86-89
027103373E	VOLKSWAGEN	2.0	JETTA	9A	121	L 4	90-93
02821	PEUGEOT	2.0	No Model	XN	120	L 4	71-79
0283J	NAVISTAR	4.4	510B	D	268	L 4	75-85
0290012	PERKINS	5.0	302		302	L 4	
0290012M1	PERKINS	5.0	302		302	L 4	
02E	NISSAN	2.0	200SX	H	120	L 4	87-89
02F	NISSAN	2.0	200SX	H	120	L 4	84-86
0304	FORD	1.8	COURIER	A	110	L 4	72-78
0304	FORD	2.0	COURIER	C	122	L 4	79-80
0304	FORD	2.0	No Model	1	122	L 4	81-82
0304	MAZDA	1.8	No Model		112	L 4	75-84
032	GM	7.1	No Model	V6	432	V 6	70-73
032	GM	7.8	No Model		478	V 6	65-77
034103373	AUDI	2.1	5000 SERIES	KH	131	L 5	84-86
034103373	AUDI	2.1	5000 SERIES	WD	131	L 5	78-83
034103373WWO	AUDI	2.2	5000 SERIES	KX	136	L 5	83-87
035103373AB	AUDI	2.1	5000 SERIES	KH	131	L 5	84-86
035103373AB	AUDI	2.1	5000 SERIES	WD	131	L 5	78-83
035103373-AB	VOLKSWAGEN	2.1	QUANTUM	KM	131	L 5	84-84
035103373H	AUDI	2.1	5000 SERIES	KH	131	L 5	84-86
035103373H	AUDI	2.1	5000 SERIES	WD	131	L 5	78-83
037103373 M	VOLKSWAGEN	1.8	FOX	JH	109	L 4	83-89
037-103-373AD	VOLKSWAGEN	2.0	BEETLE	AEG	121	L 4	98-03
037103373P	VOLKSWAGEN	1.8	No Model	PG	109	L 4	89-93
037103373S	VOLKSWAGEN	2.0	GOLF	ABA	121	L 4	93-99
037103373T	VOLKSWAGEN	2.0	GOLF	ABA	121	L 4	93-99
038103373E	VOLKSWAGEN	1.9	BEETLE	ALH	116	L 4	00-04
039	CHRYSLER	2.8	BARRACUDA		170	L 6	60-71
0441013755	VOLKSWAGEN	1.6	No Model	AF	97	L 4	75-81
0459A	MAZDA	1.6	No Model	C	97	L 4	70-81
04694688AA	CHRYSLER	3.3	CARAVAN	G	201	V 6	98-01
047101173	AUDI	2.0	No Model	A/J	121	L 4	77-79
047101173	CHRYSLER	2.0	No Model	A/J	121	L 4	77-79
047103373	AUDI	2.0	No Model	A/J	121	L 4	77-79
047103373	CHRYSLER	2.0	No Model	A/J	121	L 4	77-79
047103373	PORSCHE	2.0	924	XE	121	L 4	77-79
049103373	AUDI	1.7	No Model		105	L 4	81-83
049103373	CHRYSLER	1.7	No Model	B	105	L 4	78-83
049103373	VOLKSWAGEN	1.6	No Model	AJ	97	H 4	75-80
049103373	VOLKSWAGEN	1.7	No Model	EN	104	L 4	81-84
049103373	VOLKSWAGEN	1.7	No Model	JF	104	L 4	81-84
049103373	VOLKSWAGEN	1.7	No Model	WT	104	L 4	82-83
0503	CHRYSLER	5.9	GRAND WAGONEER	7	360	V 8	89-91
051	CHRYSLER	5.9	No Model	F	360	V 8	77-79
051	CHRYSLER	5.9	No Model	F	360	V 8	80
051	CHRYSLER	5.9	No Model	I	360	V 8	83-87
051	CHRYSLER	5.9	No Model	L	360	V 8	80
051103373	VOLKSWAGEN	2.0	JETTA	9A	121	L 4	90-93
0511033730	VOLKSWAGEN	2.0	JETTA	9A	121	L 4	90-93
055103373	AUDI	1.7	No Model		105	L 4	81-83
055103373	CHRYSLER	1.7	No Model	B	105	L 4	78-83
055103373	VOLKSWAGEN	1.7	No Model	EN	104	L 4	81-84
055103373	VOLKSWAGEN	1.7	No Model	JF	104	L 4	81-84

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
055103373	VOLKSWAGEN	1.7	No Model	WT	104	L 4	82-83
058103373A	VOLKSWAGEN	1.8	PASSAT	AEB	110	L 4	98-01
058-103373-A	VOLKSWAGEN	1.8	PASSAT	AEB	110	L 4	98-01
060103373B	PORSCHE	2.0	924	M3	121	L 4	80-82
060103373B	PORSCHE	2.0	924	VC	121	L 4	80-82
060103373B	PORSCHE	2.0	924	XE	121	L 4	77-79
060103373B	PORSCHE	2.0	924	XF	121	L 4	77
060103373B	PORSCHE	2.0	924	XG	121	L 4	76-79
060103373B	PORSCHE	2.0	924	XH	121	L 4	76-77
061	GM	6.6	FIREBIRD	S	400	V 8	67-79
061	GM	6.6	No Model	P	400	V 8	72-75
061	GM	6.6	No Model	R	400	V 8	74-75
061	GM	6.6	No Model	S	400	V 8	75-75
061	GM	6.6	No Model	T	400	V 8	72-77
061	GM	6.6	No Model	Z	400	V 8	77-79
0619	GM	3.3	No Model	N	204	V 6	89-93
0619	GM	3.8	No Model	1	231	V 6	92-94
0619	GM	3.8	No Model	C	231	V 6	88-91
0619	GM	3.8	No Model	L	231	V 6	91-94
062	GM	6.6	FIREBIRD	S	400	V 8	67-79
062	GM	6.6	No Model	P	400	V 8	72-75
062	GM	6.6	No Model	R	400	V 8	74-75
062	GM	6.6	No Model	Z	400	V 8	77-79
06215	GM	6.6	FIREBIRD	S	400	V 8	67-79
0630	CHRYSLER	4.0	No Model	S	242	L 6	91-97
0630	CHRYSLER	4.0	No Model	S	242	L 6	98-05
065	GM	4.3	No Model	(1)	265	V 8	55-57
068101022273WW	VOLKSWAGEN	1.6	GOLF	ME	97	L 4	86-92
068101022273WW	VOLKSWAGEN	1.6	No Model	CR	97	L 4	81-84
068101022273WW	VOLKSWAGEN	1.6	No Model	CS	97	L 4	82-84
068101022273WW	VOLKSWAGEN	1.6	No Model	CY	97	L 4	82-84
068101022273WW	VOLKSWAGEN	1.6	No Model	JD	97	L 4	85-85
068101022273WW	VOLKSWAGEN	1.6	No Model	JK	97	L 4	83-84
068101022273WW	VOLKSWAGEN	1.6	No Model	JR	97	L 4	85-85
068101022273WW	VOLKSWAGEN	1.6	No Model	MD	97	L 4	85-85
068101022273WW	VOLKSWAGEN	1.6	No Model	ME	97	L 4	85-85
068101022273WW	VOLKSWAGEN	1.6	No Model	MF	97	L 4	85-85
068101022273WW	VOLKSWAGEN	1.6	No Model	MF	97	L 4	86-92
068101022373WW	VOLKSWAGEN	1.6	GOLF	ME	97	L 4	86-92
068101022373WW	VOLKSWAGEN	1.6	No Model	JK	97	L 4	83-84
068101022373WW	VOLKSWAGEN	1.6	No Model	JR	97	L 4	85-85
068101022373WW	VOLKSWAGEN	1.6	No Model	MD	97	L 4	85-85
068101022373WW	VOLKSWAGEN	1.6	No Model	ME	97	L 4	85-85
068101022373WW	VOLKSWAGEN	1.6	No Model	MF	97	L 4	85-85
068101022373WW	VOLKSWAGEN	1.6	No Model	MF	97	L 4	86-92
068103373-B	VOLKSWAGEN	1.6	GOLF	ME	97	L 4	86-92
068103373-F	VOLKSWAGEN	1.6	GOLF	ME	97	L 4	86-92
068103373-F	VOLKSWAGEN	1.6	No Model	CR	97	L 4	81-84
068103373-F	VOLKSWAGEN	1.6	No Model	CS	97	L 4	82-84
068103373-F	VOLKSWAGEN	1.6	No Model	CY	97	L 4	82-84
068103373-F	VOLKSWAGEN	1.6	No Model	JD	97	L 4	85-85
068103373-F	VOLKSWAGEN	1.6	No Model	JK	97	L 4	83-84
068103373-F	VOLKSWAGEN	1.6	No Model	JR	97	L 4	85-85
068103373-F	VOLKSWAGEN	1.6	No Model	MD	97	L 4	85-85
068103373-F	VOLKSWAGEN	1.6	No Model	ME	97	L 4	85-85
068103373-F	VOLKSWAGEN	1.6	No Model	MF	97	L 4	85-85
068103373-F	VOLKSWAGEN	1.6	No Model	MF	97	L 4	86-92

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
068103373-M	VOLKSWAGEN	1.6	GOLF	ME	97	L 4	86-92
068103373-N	VOLKSWAGEN	1.6	No Model	MD	97	L 4	85-85
068103373-T	VOLKSWAGEN	1.6	GOLF	ME	97	L 4	86-92
068103373WWO	VOLKSWAGEN	1.5	No Model	CK	90	L 4	77-81
069103333	AUDI	2.0	5000 SERIES	D	121	L 5	80-83
0691033730	AUDI	2.0	5000 SERIES	D	121	L 5	80-83
069103393	AUDI	2.0	5000 SERIES	D	121	L 5	80-83
072103373A	VOLVO	2.4	D-24	76	145	L 6	83-86
072103373A	VOLVO	2.4	D-24	77	145	L 6	81-84
072103373B	VOLVO	2.4	D-24	76	145	L 6	83-86
072103373C	VOLVO	2.4	D-24	76	145	L 6	83-86
072103373C	VOLVO	2.4	D-24	77	145	L 6	81-84
074103373353	VOLKSWAGEN	2.5	EUROVAN	AAF	153	L 5	92-95
075103373	VOLVO	2.4	D-24	76	145	L 6	83-86
075103373	VOLVO	2.4	D-24	77	145	L 6	81-84
075103373H WWO	VOLVO	2.4	D-24	76	145	L 6	83-86
075103373H WWO	VOLVO	2.4	D-24	77	145	L 6	81-84
077103373L	AUDI	4.2	No Model	ABH	256	V 8	92-94
078103373AH	AUDI	2.8	QUATTRO	AHA	169	V 6	98-01
078103373AH	VOLKSWAGEN	2.8	PASSAT	ATQ	169	V 6	01-02
078103373F	AUDI	2.8	No Model	AAH	169	V 6	92-94
07W	NISSAN	2.2	No Model	Z22E	133	L 4	82-83
091	GM	6.4	No Model	389	389	V 8	59-66
091	GM	6.9	BONNEVILLE	P	421	V 8	61-66
091	GM	6.9	BONNEVILLE	P	421	V 8	61-66
092	GM	6.4	No Model	389	389	V 8	59-66
092	GM	6.9	BONNEVILLE	P	421	V 8	61-66
092	GM	6.9	BONNEVILLE	P	421	V 8	61-66
0928415	CASE	3.0	990		185	L 4	
093	GM	6.4	No Model	389	389	V 8	59-66
093	GM	6.9	BONNEVILLE	P	421	V 8	61-66
093	GM	6.9	BONNEVILLE	P	421	V 8	61-66
094	GM	5.3	No Model	P	326	V 8	63-67
095	GM	5.3	No Model	P	326	V 8	63-67
095103373AB	AUDI	2.2	5000 SERIES	KX	136	L 5	83-87
095103373AB	VOLKSWAGEN	2.2	QUANTUM	JT	136	L 5	85-88
095103373AB	VOLKSWAGEN	2.3	QUANTUM	JT	140	L 5	87-87
0J11B190	GM	1.0	SPRINT	5	61	L 3	86-88
1 or 9	GM	1.5	SPECTRUM	7	92	L 4	87-89
1 or 9	GM	1.5	SPECTRUM	9	90	L 4	86-88
1 or 9	GM	1.5	SPECTRUM	K	92	L 4	85-87
1 or 9	ISUZU	1.5	I-MARK	K	90	L 4	85-88
1 or 9	ISUZU	1.5	No Model	7	90	L 4	85-89
1 or 9	ISUZU	1.5	No Model	9	90	L 4	87-89
1.3	TOYOTA	2.4	4-RUNNER	22R-E	144	L 4	89-95
1.3	TOYOTA	2.4	4-RUNNER	22R-T	144	L 4	85-87
1.3	TOYOTA	2.4	No Model	22REC	144	L 4	85-88
1.8	TOYOTA	2.4	4-RUNNER	22R-E	144	L 4	89-95
1.8	TOYOTA	2.4	No Model	22REC	144	L 4	85-88
10000702	CHRYSLER	2.5	No Model	B	151	L 4	81-83
10000702	CHRYSLER	2.5	No Model	M	151	L 4	81-83
10000702	GM	2.5	No Model	5	151	L 4	79-83
10000702	GM	2.5	No Model	9	151	L 4	79-79
10000702	GM	2.5	No Model	V	151	L 4	78-80
1000160	VOLVO	2.1	AQ125		130	L 4	81-83
1000160	VOLVO	2.1	AQ125A		130	L 4	83-85
1000160	VOLVO	2.1	B-21	45	130	L 4	76-80

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
1000160	VOLVO	2.1	B-21	47	130	L 4	81-85
1000160	VOLVO	2.1	B-21	48	130	L 4	82-82
1000160	VOLVO	2.1	B-21	49	130	L 4	81-81
1000160	VOLVO	2.3	AQ131	AQ	141	L 4	74-74
1000290	VOLVO	3.6	MD40A		219	L 6	
10002E	WAUKESHA	47.4	LRO		2894	L 6	
10002E	WAUKESHA	57.7	LRZ		3520	L 6	
1000398	VOLVO	2.1	AQ125		130	L 4	81-83
1000398	VOLVO	2.1	AQ125A		130	L 4	83-85
1000398	VOLVO	2.1	B-21	45	130	L 4	76-80
1000398	VOLVO	2.1	B-21	47	130	L 4	81-85
1000398	VOLVO	2.1	B-21	48	130	L 4	82-82
1000398	VOLVO	2.1	B-21	49	130	L 4	81-81
100039E	VOLVO	2.1	AQ125		130	L 4	81-83
100039E	VOLVO	2.1	AQ125A		130	L 4	83-85
100039E	VOLVO	2.1	B-21	45	130	L 4	76-80
100039E	VOLVO	2.1	B-21	47	130	L 4	81-85
100039E	VOLVO	2.1	B-21	48	130	L 4	82-82
100039E	VOLVO	2.1	B-21	49	130	L 4	81-81
1000530	VOLVO	2.3	131A		141	L 4	85-85
1000530	VOLVO	2.3	740	87	141	L 4	85-87
1000530	VOLVO	2.3	740	87	141	L 4	88-94
1000530	VOLVO	2.3	740	88	141	L 4	86-94
1000530	VOLVO	2.3	B23	(1)	141	L 4	82-84
10007203	GM	4.3	No Model	S	265	V 8	80-81
1000898	VOLVO	2.1	B-21	48	130	L 4	82-82
1001008	VOLVO	2.5	No Model	55	152	L 5	93-93
1001008	VOLVO	3.0	960	95	178	L 6	92-99
1001092	VOLVO	9.6	100	TD	586	L 6	
1001181	VOLVO	6.7	TD70F	TD70F	409	L 6	
1001181	VOLVO	6.7	TD71	TD	409	L 6	88-92
1001262	VOLVO	2.3	740	89	141	L 4	89-92
10014006	GM	4.9	No Model	P	301	V 8	77-81
10014006	GM	4.9	No Model	T	301	V 8	77-81
10014006	GM	4.9	No Model	W	301	V 8	79-81
10014006	GM	4.9	No Model	Y	301	V 8	77-79
10014552	CHRYSLER	2.5	No Model	B	151	L 4	81-83
10014552	CHRYSLER	2.5	No Model	M	151	L 4	81-83
10014552	GM	2.5	No Model	2	151	L 4	82-86
10014552	GM	2.5	No Model	5	151	L 4	79-83
10014552	GM	2.5	No Model	R	151	L 4	82-83
1001525	VOLVO	2.4	No Model	57	149	L 5	91-98
1001632	VOLVO	2.5	No Model	55	152	L 5	93-93
1001716	VOLVO	2.5	No Model	55	152	L 5	93-93
10017504	GM	4.9	No Model	P	301	V 8	77-81
10017504	GM	4.9	No Model	T	301	V 8	77-81
10017504	GM	4.9	No Model	W	301	V 8	79-81
10017504	GM	4.9	No Model	Y	301	V 8	77-79
10022373	GM	2.5	FIERO	R	151	L 4	83-86
10022373	GM	2.5	No Model	2	151	L 4	82-86
10022373	GM	2.5	No Model	E	151	L 4	85-87
10022373	GM	2.5	No Model	U	151	L 4	85-86
10027767	GM	2.5	FIERO	R	151	L 4	83-86
10027767	GM	2.5	No Model	2	151	L 4	82-86
10027767	GM	2.5	No Model	E	151	L 4	85-87
10027767	GM	2.5	No Model	U	151	L 4	85-86
10038806	GM	2.5	No Model	R	151	L 4	87-88

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
10038808	GM	2.5	No Model	R	151	L 4	87-88
10038808	GM	2.5	No Model	R	151	L 4	89
10038808	GM	2.5	No Model	R	151	L 4	90-92
10038808	GM	2.5	No Model	U	151	L 4	87-88
10038808	GM	2.5	S-10	E	151	L 4	87-91
1004187	GM	4.9	No Model	P	301	V 8	77-81
1004187	GM	4.9	No Model	T	301	V 8	77-81
1004187	GM	4.9	No Model	W	301	V 8	79-81
1004187	GM	4.9	No Model	Y	301	V 8	77-79
10044485	GM	2.5	No Model	R	151	L 4	87-88
10044485	GM	2.5	No Model	R	151	L 4	89
10044485	GM	2.5	No Model	R	151	L 4	90-92
10044485	GM	2.5	No Model	U	151	L 4	89-91
10044485	GM	2.5	S-10	A	151	L 4	91-93
10044642	GM	2.5	No Model	R	151	L 4	87-88
10044642	GM	2.5	No Model	R	151	L 4	89
10044642	GM	2.5	No Model	R	151	L 4	90-92
10044642	GM	2.5	No Model	U	151	L 4	87-88
10044642	GM	2.5	No Model	U	151	L 4	89-91
10044642	GM	2.5	S-10	E	151	L 4	87-91
10044655	GM	2.5	No Model	R	151	L 4	87-88
10044655	GM	2.5	No Model	U	151	L 4	87-88
10044655	GM	2.5	S-10	E	151	L 4	87-91
1004485	GM	2.5	No Model	R	151	L 4	89
1004485	GM	2.5	No Model	R	151	L 4	90-92
1004485	GM	2.5	No Model	U	151	L 4	89-91
10045049	GM	2.0	No Model	1	122	L 4	87-88
10045049	GM	2.0	No Model	1	122	L 4	87-89
10045049	GM	2.2	CAVALIER	4	134	L 4	91-94
10045049	GM	2.2	No Model	G	134	L 4	90-91
10048649	GM	2.8	No Model	W	173	V 6	87-89
10048649	GM	3.1	FIREBIRD	T	191	V 6	89-94
10048651	GM	2.8	No Model	W	173	V 6	87-89
10048651	GM	3.1	FIREBIRD	T	191	V 6	89-94
10048651	GM	3.1	GRAND PRIX	V	191	V 6	89-90
10048651	GM	3.1	LUMINA	D	191	V 6	90-95
10048696	GM	2.8	No Model	W	173	V 6	87-89
10048696	GM	3.1	FIREBIRD	T	191	V 6	89-94
10048696	GM	3.1	GRAND PRIX	V	191	V 6	89-90
10048696	GM	3.1	LUMINA	D	191	V 6	90-95
10051128	GM	6.5	No Model		396	V 8	65-72
10052901	GM	7.0	No Model	L	427	V 8	66-90
10052902	GM	6.0	No Model	B	366	V 8	68-90
10052902	GM	7.0	No Model	L	427	V 8	66-90
10052902	GM	7.4	No Model	N	454	V 8	87-90
10052902	GM	7.4	No Model	W	454	V 8	87-90
100590	HERCULES	2.7	G1600	F	163	L 4	
10065206	GM	5.7	CAMARO, CORVETTE	8	350	V 8	85-92
10065206	GM	5.7	No Model	6	350	V 8	80-88
10065206	GM	5.7	No Model	K	350	V 8	86-96
10065206	GM	5.7	No Model	L	350	V 8	89-92
10065206	GM	5.7	No Model	M	350	V 8	79-88
10077626	GM	4.3	No Model	W	262	V 6	92-04
10077626	GM	4.3	No Model	Z	262	V 6	86-97
10087511	GM	2.8	No Model	W	173	V 6	87-89
10087511	GM	3.1	FIREBIRD	T	191	V 6	89-94
10087511	GM	3.1	GRAND PRIX	V	191	V 6	89-90

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
10087511	GM	3.1	LUMINA	D	191	V 6	90-95
10088113	GM	5.7	CAMARO, CORVETTE	8	350	V 8	85-92
10088113	GM	5.7	No Model	M	350	V 8	79-88
10100810	GM	5.7	CAMARO, CORVETTE	8	350	V 8	85-92
10100810	GM	5.7	No Model	7	350	V 8	89-95
10101137	GM	7.0	No Model	M	427	V 8	91-96
10101140	GM	6.0	No Model	B	366	V 8	68-90
10101140	GM	6.0	No Model	P	366	V 8	89-90
10101140	GM	6.0	No Model	P	366	V 8	91-98
10101140	GM	7.0	No Model	M	427	V 8	91-96
10101496	GM	2.5	No Model	E	151	L 4	85-87
10101496	GM	2.5	No Model	R	151	L 4	87-88
10101496	GM	2.5	No Model	U	151	L 4	87-88
10106178U	GM	5.7	CORVETTE	J	350	V 8	89-95
10106179U	GM	5.7	CORVETTE	J	350	V 8	89-95
10110810	GM	5.7	CAMARO, CORVETTE	8	350	V 8	85-92
10110810	GM	5.7	No Model	6	350	V 8	80-88
10110810	GM	5.7	No Model	7	350	V 8	89-95
10110810	GM	5.7	No Model	K	350	V 8	86-96
10110810	GM	5.7	No Model	K	350	V 8	86-96
10110810	GM	5.7	No Model	M	350	V 8	79-88
10112391	GM	2.2	CAVALIER	4	134	L 4	91-94
10112391	GM	2.2	CAVALIER	4	134	L 4	94-97
10112391	GM	2.2	CAVALIER	4	134	L 4	98-02
10112391	GM	2.2	No Model	G	134	L 4	90-91
10112391	ISUZU	2.2	HOMBRE	4	134	L 4	96-98
101123915	GM	2.2	CAVALIER	4	134	L 4	91-94
10112391S	GM	2.2	CAVALIER	4	134	L 4	91-94
10112391S	GM	2.2	CAVALIER	4	134	L 4	94-97
10112391S	GM	2.2	CAVALIER	4	134	L 4	98-02
10112391S	GM	2.2	No Model	G	134	L 4	90-91
10112391-S	GM	2.2	CAVALIER	4	134	L 4	94-97
10112392	GM	2.2	CAVALIER	4	134	L 4	91-94
10112392	GM	2.2	CAVALIER	4	134	L 4	94-97
10112392	ISUZU	2.2	HOMBRE	4	134	L 4	96-98
10112514	GM	2.5	No Model	R	151	L 4	89
10112514	GM	2.5	No Model	R	151	L 4	90-92
10112514	GM	2.5	No Model	U	151	L 4	89-91
10112514	GM	2.5	S-10	A	151	L 4	91-93
10112514	GM	2.5	S-10	E	151	L 4	87-91
10114156	GM	7.4	No Model	J	454	V 8	96-00
10114156	GM	7.4	No Model	L	454	V 8	75-76
10114156	GM	7.4	No Model	N	454	V 8	87-90
10114156	GM	7.4	No Model	N	454	V 8	91-97
10114156	GM	7.4	No Model	S	454	V 8	76-79
10125320	GM	5.7	CAMARO	P	350	V 8	92-97
101271274	GM	3.4	CUTLASS	X	207	V 6	95-97
101271274	GM	3.4	GRAND AM	E	204	V 6	96-04
101271274	GM	3.4	No Model	X	207	V 6	91-95
10127472	GM	3.4	No Model	X	207	V 6	91-95
10128374	GM	5.7	CAMARO	P	350	V 8	92-97
10128374	GM	5.7	CAMARO, CORVETTE	8	350	V 8	85-92
10137567	GM	6.2	No Model	C	379	V 8	82-86
10137567	GM	6.2	No Model	C	379	V 8	87-93
10137567	GM	6.2	No Model	J	379	V 8	87-93
10137567	GM	6.5	No Model	7	397	V 8	98-99
10137567	GM	6.5	No Model	F	397	V 8	92-00

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
10137567	GM	6.5	No Model	P	397	V 8	94-95
10137567	GM	6.5	No Model	S	397	V 8	94-00
10137567	GM	6.5	No Model	Y	397	V 8	94-99
10141279	GM	7.4	No Model	J	454	V 8	96-00
10144103	GM	4.3	No Model	B	262	V 6	90-91
10144103	GM	4.3	No Model	R	262	V 6	92-95
10144103	GM	4.3	No Model	W	262	V 6	92-04
10144103	GM	4.3	No Model	Z	262	V 6	86-97
10144103	ISUZU	4.3	HOMBRE	W	262	V 6	98
10144115	GM	4.3	No Model	Z	262	V 6	86-97
10147898	GM	5.7	No Model	6	350	V 8	80-88
10147898	GM	5.7	No Model	L	350	V 8	77-82
10147898	GM	5.7	No Model	L	350	V 8	83-86
10147898	GM	5.7	No Model	M	350	V 8	79-88
10147898	GM	5.7	No Model	P	350	V 8	80-83
10147898	GM	5.7	No Model	V	350	V 8	74-76
10147898	GM	5.7	No Model	Y	350	V 8	68-75
10154743	GM	3.1	No Model	J	191	V 6	00-03
10154743	GM	3.1	No Model	M	191	V 6	93-99
10154743	GM	3.4	CAMARO	S	207	V 6	93-95
10184922	GM	2.2	CAVALIER	4	134	L 4	91-94
10184922	GM	2.2	CAVALIER	4	134	L 4	94-97
10184922	ISUZU	2.2	HOMBRE	4	134	L 4	96-98
10187922	GM	2.2	CAVALIER	4	134	L 4	91-94
10-19	TOYOTA	2.0	CAMRY	2SELC	122	L 4	83-86
10198852	GM	2.2	CAVALIER	4	134	L 4	91-94
10198852	GM	2.2	CAVALIER	4	134	L 4	94-97
10198852	ISUZU	2.2	HOMBRE	4	134	L 4	96-98
10198853	GM	2.2	CAVALIER	4	134	L 4	91-94
10198853	GM	2.2	CAVALIER	4	134	L 4	94-97
10198853	ISUZU	2.2	HOMBRE	4	134	L 4	96-98
10-20	TOYOTA	2.4	No Model	22R	144	L 4	81-84
10-20	TOYOTA	2.4	No Model	22R	144	L 4	81-84
1020165001	MERCEDES BENZ	2.3	190E	DOHC	140	L 4	86-90
10207643	GM	5.7	CAMARO	P	350	V 8	92-97
10208890	GM	4.3	CAPRICE	W	265	V 8	94-96
10208890	GM	4.3	No Model	W	262	V 6	92-04
10218170	GM	3.1	No Model	J	191	V 6	00-03
10218170	GM	3.1	No Model	J	191	V 6	00-03
10218170	GM	3.4	GRAND AM	E	204	V 6	96-04
10235769	GM	4.3	No Model	W	262	V 6	92-04
10235770	GM	4.3	CAPRICE	W	265	V 8	94-96
10235770	GM	4.3	No Model	X	262	V 6	96-00
10235770	ISUZU	4.3	HOMBRE	X	262	V 6	97-99
10235772	GM	4.3	No Model	W	262	V 6	92-04
10235772	GM	4.3	No Model	X	262	V 6	96-00
10235772	ISUZU	4.3	HOMBRE	W	262	V 6	98
10235772	ISUZU	4.3	HOMBRE	X	262	V 6	97-99
102379A	WAUKESHA	2.5	155	G	155	L 4	
102379A	WAUKESHA	2.9	176	G	176	L 4	
10238181	GM	4.3	No Model	R	262	V 6	92-95
10238181	GM	4.3	No Model	W	262	V 6	92-04
10238181	GM	4.3	No Model	Z	262	V 6	86-97
10238181	ISUZU	4.3	HOMBRE	W	262	V 6	98
10239906	GM	5.7	No Model	R	350	V 8	96-02
10239906	MERCUISER	5.7	No Model	MH,MK	350	V 8	99-02
10239906	MERCUISER	6.2	No Model	MHA	377	V 8	00-03

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
10240209	GM	4.3	No Model	R	262	V 6	92-95
10240209	GM	4.3	No Model	W	262	V 6	92-04
10240209	GM	4.3	No Model	Z	262	V 6	86-97
10240209	ISUZU	4.3	HOMBRE	W	262	V 6	98
10265770	GM	4.3	No Model	X	262	V 6	96-00
10352047	DDC	2.1	D703L		127	L 3	
10352047	DDC	2.8	D704L		169	L 4	
10352047	DDC	4.2	D706LT		254	L 6	
10389-1	CUMMINS	12.2	NH 220 SERIES	NH	743	L 6	
10389-1	CUMMINS	14.0	NH230	NH	855	L 6	
10389-1	CUMMINS	14.0	NT855	NT	855	L 6	
1040160701	MERCEDES BENZ	3.2	300E	300E	195	L 6	92-95
104042H	NAVISTAR	3.5	GRD214A		214	L 6	50-55
104042H	NAVISTAR	3.8	No Model	GRD	233	L 6	41-58
1043844	CATERPILLAR	10.3	3176		629	L 6	89-96
10481052	GM	6.0	No Model	B	366	V 8	68-90
10487052	GM	6.0	No Model	B	366	V 8	68-90
10487052	GM	6.0	No Model	P	366	V 8	89-90
10614	CUMMINS	24.4	VT1486		1486	V 12	60-70
1075885	BMW	2.5	325I		152	L 6	87-90
108850	CUMMINS	12.2	NH 220 SERIES	NH	743	L 6	
10A	TOYOTA	2.8	CELICA	5MGE	168	L 6	82-88
10A 4206	MINN MOLINE	5.5	No Model		336	L 4	57-67
10A 4212	MINN MOLINE	5.5	No Model		336	L 4	57-67
10A 4214	MINN MOLINE	7.0	GB	D	425	L 6	54-61
10A 421D	MINN MOLINE	5.5	No Model		336	L 4	57-67
10A 4232	MINN MOLINE	5.5	No Model		336	L 4	57-67
10A23134	MINN MOLINE	7.0	GB	D	425	L 6	54-61
10A23134	MINN MOLINE	7.4	D451		451	L 6	
10A23134	MINN MOLINE	8.3	540B-6		504	L 6	61-67
10A-23134	MINN MOLINE	8.3	540B-6		504	L 6	61-67
10A23529	MINN MOLINE	3.3	335		165	L 4	
10A23529	MINN MOLINE	3.4	335		206	L 4	
10A23529	MINN MOLINE	3.4	445	G	206	L 4	
10A29559	MINN MOLINE	7.0	GB	D	425	L 6	54-61
10A29559	MINN MOLINE	7.4	D451		451	L 6	
10A29559	MINN MOLINE	8.3	540B-6		504	L 6	61-67
10A30490	MINN MOLINE	9.6	D585-6	D	585	L 6	
10A30490	WHITE	9.6	2-150	D	585	L 6	
10A3049D	MINN MOLINE	9.6	D585-6	D	585	L 6	
10A31129	MINN MOLINE	7.0	GB	D	425	L 6	54-61
10A31129	MINN MOLINE	7.4	D451		451	L 6	
10A31129	MINN MOLINE	8.3	540B-6		504	L 6	61-67
10A-31139	MINN MOLINE	8.3	540B-6		504	L 6	61-67
10A4206	MINN MOLINE	8.3	540B-6		504	L 6	61-67
10A4209	MINN MOLINE	8.3	540B-6		504	L 6	61-67
10A4210	MINN MOLINE	8.3	540B-6		504	L 6	61-67
10A4214	MINN MOLINE	7.0	GB	D	425	L 6	54-61
10A4214	MINN MOLINE	7.4	D451		451	L 6	
10A4214	MINN MOLINE	8.3	540B-6		504	L 6	61-67
10A-4214	MINN MOLINE	8.3	540B-6		504	L 6	61-67
10A4222	MINN MOLINE	5.5	No Model	D	336	L 4	
10A42222	MINN MOLINE	7.0	GB	D	425	L 6	54-61
10A42222	MINN MOLINE	7.4	D451		451	L 6	
10A42222	MINN MOLINE	8.3	540B-6		504	L 6	61-67
10A4227	MINN MOLINE	13.1	HD800		800	L 6	
10A4228	MINN MOLINE	13.1	HD800		800	L 6	

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
10A4229	MINN MOLINE	13.1	HD800		800	L 6	
10A4232	MINN MOLINE	8.3	540B-6		504	L 6	61-67
10A4242	MINN MOLINE	5.5	No Model		336	L 4	57-67
10A-4242	MINN MOLINE	5.5	No Model	D	336	L 4	
10A5801	MINN MOLINE	3.3	335		165	L 4	
10A5801	MINN MOLINE	3.4	335		206	L 4	
10A5801	MINN MOLINE	3.4	445	G	206	L 4	
10A-5801	MINN MOLINE	3.3	335		165	L 4	
10A5850	MINN MOLINE	3.3	335		165	L 4	
10A5850	MINN MOLINE	3.4	335		206	L 4	
10A5850	MINN MOLINE	3.9	No Model		236	L 4	
10A5851	MINN MOLINE	3.3	335		165	L 4	
10A5851	MINN MOLINE	3.4	445	G	206	L 4	
10A5851A	MINN MOLINE	3.3	335		165	L 4	
10A5851A	MINN MOLINE	3.4	445	G	206	L 4	
10A5852	MINN MOLINE	3.3	335		165	L 4	
10A5852	MINN MOLINE	3.4	445	G	206	L 4	
10A5852	MINN MOLINE	3.9	No Model		236	L 4	
10A5856	MINN MOLINE	3.3	335		165	L 4	
10A5856	MINN MOLINE	3.4	445	G	206	L 4	
10A5856	MINN MOLINE	3.9	No Model		236	L 4	
10A5856A	MINN MOLINE	3.3	335		165	L 4	
10A5856A	MINN MOLINE	3.4	445	G	206	L 4	
10A5856A	MINN MOLINE	3.9	No Model		236	L 4	
10A-5856A	MINN MOLINE	3.4	445	G	206	L 4	
10A-5856A	MINN MOLINE	3.9	No Model		236	L 4	
10A5857	MINN MOLINE	3.3	335		165	L 4	
10A5857	MINN MOLINE	3.4	445	G	206	L 4	
10A5857	MINN MOLINE	3.9	No Model		236	L 4	
10A-5857	MINN MOLINE	3.4	445	G	206	L 4	
10A-5857	MINN MOLINE	3.9	No Model		236	L 4	
10A5858	MINN MOLINE	0.0	302		0	L 4	
10A5858	MINN MOLINE	0.0	No Model	BF	0	L 4	
10A5858	MINN MOLINE	3.3	335		165	L 4	
10A5858	MINN MOLINE	3.4	335		206	L 4	
10A5858	MINN MOLINE	3.4	445	G	206	L 4	
10W	NISSAN	2.0	510	Z20S	119	L 4	81
10W	NISSAN	2.0	No Model	Z20	119	L 4	84-86
10W	NISSAN	2.4	720 PICKUP	Z24	146	L 4	83-89
11	TOYOTA	2.2	CAMRY	5SFE	134	L 4	90-00
1100161201	MERCEDES BENZ	2.8	No Model	M110	170	L 6	74-81
1100161905	MERCEDES BENZ	2.8	No Model	M110	170	L 6	74-81
11042-61508	NISSAN	3.3	No Model	SD33	199	L 6	81-83
11042-6504	NISSAN	3.3	No Model	SD33	199	L 6	81-83
11111-41030	TOYOTA	2.3	CROWN	2M	137	L 6	68-72
11111-56020	TOYOTA	2.9	B		176	L 4	72-84
11111-56020	TOYOTA	3.4	3B		209	L 4	81-90
1112	KOMATSU	8.5	130		518	L 4	
1120803	CHRYSLER	3.5	No Model		218	L 6	33-56
1120805	CHRYSLER	4.1	No Model		251	L 6	42-68
1120805	CHRYSLER	4.3	No Model		265	L 6	52-68
1120806	CHRYSLER	4.1	No Model		251	L 6	42-68
1120806	CHRYSLER	4.3	No Model		265	L 6	52-68
1120903	CHRYSLER	4.1	No Model		251	L 6	42-68
1120903	CHRYSLER	4.3	No Model		265	L 6	52-68
1129	NISSAN	2.2	SD22	SD22	132	L 4	81-83
113	FORD	4.4	No Model		272	V 8	56-66

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
113	FORD	4.8	No Model		292	V 8	55-66
114002A	WAUKESHA	4.6	No Model	BZ	282	L 6	
11448682	FORD	1.7	BOBCAT ,IND, MARINE		104	V 4	63-75
11448682	SAAB	1.7	No Model	V-4	104	V 4	68-73
114625	CUMMINS	6.6	J SERIES	J	401	L 6	
114625	CUMMINS	6.6	J160		401	L 6	
114625	CUMMINS	7.6	C 180		464	L 6	
114639	CUMMINS	6.6	J SERIES	J	401	L 6	
114639	CUMMINS	6.6	J160		401	L 6	
114639	CUMMINS	7.6	C 180		464	L 6	
115	AUSTIN	0.9	No Model		57	L 4	59-67
115901	CUMMINS	6.6	JT SERIES	JT	401	L 6	
116	TOYOTA	1.8	COROLLA	3T-C	108	L 4	80-82
11610699	HERCULES	7.8	D-4800		478	L 6	
11610699	HERCULES	7.8	D-4800T		478	L 6	
11610699	HERCULES	7.8	D5000		478	L 6	
11610699	OLIVER	7.8	478	D	478	L 6	
11610699	WHITE	7.8	478	D	478	L 6	
1165549	GM	4.3	No Model	B	264	V 8	53-56
1165549	GM	5.3	No Model	B	322	V 8	53-56
1166349	GM	4.3	No Model	B	264	V 8	53-56
1166349	GM	5.3	No Model	B	322	V 8	53-56
1168930	GM	4.3	No Model	B	264	V 8	53-56
1168930	GM	5.3	No Model	B	322	V 8	53-56
1169349	GM	4.3	No Model	B	264	V 8	53-56
1169349	GM	5.3	No Model	B	322	V 8	53-56
117	CHRYSLER	2.5	DAKOTA	P	150	L 4	91-02
117	CHRYSLER	2.5	No Model	E	150	L 4	89-93
117	CHRYSLER	2.5	No Model	H	150	L 4	86-88
117	FORD	5.4	No Model		332	V 8	58-59
117	FORD	5.4	No Model	CAR	332	V 8	58-59
1170164001	MERCEDES BENZ	5.0	500SEL		303	V 8	84-91
1170164109	MERCEDES BENZ	5.0	500SEL		303	V 8	84-91
117058	SUBARU	3.3	SVX	3	202	H 6	92-95
117256	WAUKESHA	5.0	195GL		302	L 6	
117256	WAUKESHA	5.0	195GLC		302	L 6	
117256	WAUKESHA	5.2	195GK		320	L 6	
117256	WAUKESHA	5.2	195GKA		320	L 6	
1172889	GM	6.0	No Model	B	364	V 8	57-61
1185485	GM	6.6	No Model	B.	401	V 8	59-66
1185485	GM	6.9	BONNEVILLE	P	421	V 8	61-66
1185485	GM	7.0	No Model	B	425	V 8	63-66
119	FORD	5.4	No Model		332	V 8	58-59
119	FORD	5.4	No Model	CAR	332	V 8	58-59
119	TOYOTA	2.4	PICKUP	2L	150	L 4	84-87
1190415	GM	6.0	No Model	B	364	V 8	57-61
1190415	GM	6.6	No Model	B.	401	V 8	59-66
1190415	GM	6.9	BONNEVILLE	P	421	V 8	61-66
1190415	GM	7.0	No Model	B	425	V 8	63-66
1193741	GM	3.5	No Model		215	V 8	61-63
1193741	ROVER	3.5	No Model		217	V 8	79-87
1193741	ROVER	3.9	No Model	2	241	V 8	89-96
1193741	ROVER	4.0	No Model	97	241	V 8	97-00
1196914	GM	6.0	No Model	B	364	V 8	57-61
1196914	GM	6.6	No Model	B.	401	V 8	59-66
1196914	GM	6.9	BONNEVILLE	P	421	V 8	61-66
1196914	GM	7.0	No Model	B	425	V 8	63-66

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
11M	NISSAN	1.6	No Model	E16I	97	L 4	86-88
11M	NISSAN	1.6	No Model	E16S	97	L 4	86-88
11M	NISSAN	1.6	PULSAR	E16	97	L 4	83-86
11M-14	NISSAN	1.5	PULSAR	E15	91	L 4	82-83
11M6R	NISSAN	1.6	No Model	E16I	97	L 4	86-88
11M6R	NISSAN	1.6	No Model	E16S	97	L 4	86-88
11M6R	NISSAN	1.6	PULSAR	E16	97	L 4	83-86
12	GM	6.6	FIREBIRD	S	400	V 8	67-79
1204	KUBOTA	1.4	D1402-B		85	L 3	
1210103820	MERCEDES BENZ	1.9	190SL		116	L 4	59-62
1211810	CHRYSLER	3.5	No Model		218	L 6	33-56
121202	WAUKESHA	0.0	ICKB		0	L 4	
121202	WAUKESHA	1.0	ICK		61	L 4	
1213155	MACK	7.8	477		477	L 6	
1213155	SCANIA	0.0	477		0	L 6	
1213555	MACK	7.8	477		477	L 6	
1213555	SCANIA	0.0	477		0	L 6	
12-24	TOYOTA	1.5	TERCEL	3A	89	L 4	80-86
12-24	TOYOTA	1.5	TERCEL	3A-C	89	L 4	81-88
12-25N	TOYOTA	1.8	CAMRY	1CTL	112	L 4	84-85
1226	CHRYSLER	3.0	No Model	B	181	V 6	91-92
1226	CHRYSLER	3.0	No Model	C	181	V 6	91-92
123002F	WAUKESHA	8.2	145GK		501	L 6	
1231109	GM	7.0	No Model	B	430	V 8	67-69
1231786	GM	7.5	No Model	B	455	V 8	70-76
1233472	CHRYSLER	5.7	No Model		350	V 8	68-71
1233472	GM	5.7	No Model	H	350	V 8	68-74
1233472	GM	5.7	No Model	H	350	V 8	68-74
1233472	GM	7.0	No Model	B	430	V 8	67-69
123402	WAUKESHA	16.5	No Model		1012	6	
123402	WAUKESHA	19.6	1197	D	1197	L 6	
12360424	GM	2.2	CAVALIER	4	134	L 4	91-94
12360424	GM	2.2	CAVALIER	4	134	L 4	94-97
12360424	ISUZU	2.2	HOMBRE	4	134	L 4	96-98
12363390	GM	8.2	ZZ ENGINE 502-502		502	V8	00-06
12363391	GM	7.4	No Model	J	454	V 8	96-00
1237650	GM	5.7	No Model	H	350	V 8	68-74
1237661	GM	7.5	No Model	B	455	V 8	70-76
1238145	GM	5.7	No Model	H	350	V 8	68-74
1238145	GM	7.5	No Model	B	455	V 8	70-76
1238148	GM	7.5	No Model	B	455	V 8	70-76
1240149	GM	7.5	No Model	B	455	V 8	70-76
1240150	GM	7.5	No Model	B	455	V 8	70-76
1241860	GM	7.5	No Model	B	455	V 8	70-76
1241861	GM	5.7	No Model	H	350	V 8	68-74
1241861	GM	5.7	No Model	H	350	V 8	73-77
1241861	GM	5.7	No Model	J	350	V 8	75-77
1241861	GM	5.7	No Model	X	350	V 8	77-80
1242445	GM	7.5	No Model	B	455	V 8	70-76
1242556	GM	5.7	No Model	H	350	V 8	68-74
1242556	GM	5.7	No Model	H	350	V 8	73-77
1242556	GM	5.7	No Model	J	350	V 8	75-77
1243452	GM	5.7	No Model	H	350	V 8	68-74
1243452	GM	5.7	No Model	H	350	V 8	73-77
1243452	GM	5.7	No Model	J	350	V 8	75-77
1243452	GM	5.7	No Model	X	350	V 8	77-80
12445	NAVISTAR	3.5	GRD214A		214	L 6	50-55

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
12445	NAVISTAR	3.8	No Model	GRD	233	L 6	41-58
12445	NAVISTAR	3.9	BLACK DIAMOND		240	L 6	63-69
12445R	NAVISTAR	3.5	GRD214A		214	L 6	50-55
12445R	NAVISTAR	3.8	No Model	GRD	233	L 6	41-58
12447	NAVISTAR	3.5	GRD214A		214	L 6	50-55
12447	NAVISTAR	3.8	No Model	GRD	233	L 6	41-58
12447	NAVISTAR	3.9	BLACK DIAMOND		240	L 6	63-69
124474	NAVISTAR	3.5	GRD214A		214	L 6	50-55
124474	NAVISTAR	3.8	No Model	GRD	233	L 6	41-58
124474	NAVISTAR	3.9	BLACK DIAMOND		240	L 6	63-69
124475	NAVISTAR	3.9	BLACK DIAMOND		240	L 6	63-69
124475R	NAVISTAR	4.3	400		264	L 6	63-74
1246332	GM	7.5	No Model	B	455	V 8	70-76
1247716	GM	5.7	No Model	H	350	V 8	73-77
1247716	GM	5.7	No Model	J	350	V 8	75-77
1247716	GM	5.7	No Model	X	350	V 8	77-80
12480005	GM	5.7	CAMARO	G	346	V 8	97-04
1249175	GM	3.8	No Model	C	231	V 6	75-77
12500199	BMW	2.8	528i	M30	170	L 6	79-81
12500199	BMW	3.0	530i	M30	182	L 6	75-78
12500199	BMW	3.0	530i	M30	182	L 6	77-78
125002	WAUKESHA	19.6	1197	D	1197	L 6	
125009	BMW	2.8	528i	M30	170	L 6	79-81
125009	BMW	3.2	528i	M69	196	L 6	78-80
12509859	GM	5.0	CAMARO	E	305	V 8	88-92
12509859	GM	5.0	No Model	F	305	V 8	88-92
12509859	GM	5.0	No Model	G	305	V 8	84-88
12509859	GM	5.0	No Model	H	305	V 8	78-88
12509859	GM	5.0	No Model	H	305	V 8	89-95
12512256	GM	4.3	CAPRICE	W	265	V 8	94-96
12512256	GM	4.3	No Model	W	262	V 6	92-04
12516852	GM	5.7	CAMARO	P	350	V 8	92-97
12516852	GM	5.7	CAMARO, CORVETTE	8	350	V 8	85-92
12516852	GM	5.7	CORVETTE	J	350	V 8	89-95
12516852	GM	5.7	No Model	6	350	V 8	80-88
12516852	GM	5.7	No Model	7	350	V 8	89-95
12516852	GM	5.7	No Model	K	350	V 8	86-96
12516852	GM	5.7	No Model	L	350	V 8	89-92
12516852	GM	5.7	No Model	M	350	V 8	79-88
12529742	GM	4.3	CAPRICE	W	265	V 8	94-96
12529742	GM	4.3	No Model	W	262	V 6	92-04
12-52N	TOYOTA	1.8	COROLLA	1C-LC	112	L 4	84-85
12533134	GM	4.3	CAPRICE	W	265	V 8	94-96
12533134	GM	4.3	No Model	X	262	V 6	96-00
12533134	ISUZU	4.3	HOMBRE	X	262	V 6	97-99
1254170	GM	3.2	No Model	C	196	V 6	78-79
1254170	GM	3.8	No Model	2	231	V 6	78
1254170	GM	3.8	No Model	2	231	V 6	79
1254170	GM	3.8	No Model	A	231	V 6	78-81
1254170	GM	3.8	No Model	C	231	V 6	75-77
1254170	GM	5.7	No Model	X	350	V 8	77-80
12550313	GM	7.4	No Model	J	454	V 8	96-00
12550313	GM	7.4	No Model	N	454	V 8	91-97
12550592	GM	5.7	CAMARO	G	346	V 8	97-04
12551561	GM	5.7	CAMARO	P	350	V 8	92-97
12552520	GM	5.0	No Model	M	305	V 8	96-99
12553050	GM	4.3	No Model	W	262	V 6	92-04

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
12554290	GM	5.7	CAMARO	P	350	V 8	92-97
12554291	GM	4.3	CAPRICE	W	265	V 8	94-96
12554607	GM	4.6	NORTHSTAR	9	279	V 8	93-03
12554607	KIA	3.5	SEDONA		213	V 6	02-04
12555402	GM	4.6	NORTHSTAR	Y	279	V 8	93-03
12555403	GM	4.6	NORTHSTAR	Y	279	V 8	93-03
12555689	GM	5.7	CORVETTE	5	350	V 8	96-96
12555690	GM	5.7	CORVETTE	5	350	V 8	96-96
12556140	GM	4.3	No Model	X	262	V 6	96-00
12556140	ISUZU	4.3	HOMBRE	X	262	V 6	97-99
12557113	GM	4.3	No Model	W	262	V 6	92-04
12557113	GM	4.3	No Model	X	262	V 6	96-00
12557113	GM	4.3	No Model	Z	262	V 6	86-97
12557113	GM	5.0	No Model	M	305	V 8	96-99
12558059	GM	5.0	No Model	M	305	V 8	96-99
12558062	GM	5.7	No Model	R	350	V 8	96-02
12558114	GM	4.3	No Model	Z	262	V 6	86-97
12558162	GM	8.1	SAVANA	G	496	V 8	01-04
12558806	GM	5.7	CAMARO	G	346	V 8	97-04
12559378	GM	5.7	CORVETTE	S	346	V 8	01-04
12559852	GM	4.8	No Model	V	293	V 8	99-02
12559852	GM	5.3	No Model	T	325	V 8	99-05
12559853	GM	5.7	CAMARO	G	346	V 8	97-04
12560241	GM	7.4	No Model	B	454	V 8	99-01
12560241	GM	7.4	No Model	D	454	V 8	99-01
12560241	GM	7.4	No Model	J	454	V 8	96-00
12560241	GM	7.4	No Model	S	454	V 8	98-00
12561166	GM	5.7	CORVETTE	S	346	V 8	01-04
12561168	GM	5.7	CORVETTE	S	346	V 8	01-04
12561706	GM	4.8	No Model	V	293	V 8	99-02
12561706	GM	5.3	No Model	T	325	V 8	99-05
12561873	GM	6.0	ESCALADE	N	364	V 8	02-03
12561873	GM	6.0	No Model	U	364	V 8	99-04
12562512	GM	3.5	No Model	H	212	V 6	98-03
12562512	GM	5.7	CAMARO	G	346	V 8	97-04
12562513	GM	3.5	No Model	H	212	V 6	98-03
12562513	GM	5.7	CAMARO	G	346	V 8	97-04
12562934	GM	8.2	ENGINE 502		502	V 8	96-01
12562934	MERCUISER	8.2	500 BULLDOG	HJ	502	V 8	
12564241	GM	5.7	CAMARO	G	346	V 8	97-04
12564243	GM	5.7	CORVETTE	S	346	V 8	01-04
1257051	GM	3.2	No Model	C	196	V 6	78-79
1257051	GM	3.8	No Model	2	231	V 6	78
1257051	GM	3.8	No Model	2	231	V 6	79
1257051	GM	3.8	No Model	A	231	V 6	78-81
1257051	GM	3.8	No Model	C	231	V 6	75-77
1257125	GM	3.2	No Model	C	196	V 6	78-79
12572035	GM	6.0	ESCALADE	N	364	V 8	02-03
1257222	GM	3.8	No Model	A	231	V 6	78-81
1257222	GM	3.8	No Model	C	231	V 6	75-77
1257661	GM	3.8	No Model	3	231	V 6	78-81
1257661	GM	3.8	No Model	A	231	V 6	78-81
1257661	GM	3.8	No Model	C	231	V 6	75-77
1257722	GM	3.2	No Model	C	196	V 6	78-79
1257722	GM	3.8	No Model	2	231	V 6	78
1257722	GM	3.8	No Model	2	231	V 6	79
1257722	GM	3.8	No Model	C	231	V 6	75-77

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
12580234	GM	3.4	GRAND AM	E	204	V 6	96-04
125917R	NAVISTAR	4.6	UTD282	G	282	L 6	53-70
125917R	NAVISTAR	5.0	BD308	BD	308	L 6	55-57
125C0199	BMW	2.8	528I	M30	170	L 6	79-81
1261316	ALFA ROMEO	2.0	SPIDER	116	119	L 4	85-88
1261316	MG	1.3	No Model	E	78	L 4	66-74
1261377	GM	3.2	No Model	C	196	V 6	78-79
1261377	GM	3.8	No Model	A	231	V 6	78-81
1261377	GM	3.8	No Model	A	231	V 6	82
1261377	GM	3.8	No Model	A	231	V 6	83-87
1262098	GM	3.2	No Model	C	196	V 6	78-79
1262098	GM	3.8	No Model	A	231	V 6	78-81
1262098	GM	3.8	No Model	A	231	V 6	82
126420	BMW	2.7	325E		164	L 6	82-89
1264200	BMW	2.7	325E		164	L 6	82-89
1268721	BMW	1.8	318I	M10B	108	L 4	84-85
1268721	BMW	1.8	320I	M10B	108	L 4	80-83
1268721	BMW	2.0	2002	M10	121	L 4	73-76
1268721	BMW	2.0	320I	M10	121	L 4	77-79
1270104220	MERCEDES BENZ	2.3	230SL		141	L 6	63-67
1275551	BMW	2.4	524	M21D	149	L 6	85-86
1275551K-4	FORD	2.4	No Model	L	149	L 6	84-85
1275551K-8	FORD	2.4	No Model	L	149	L 6	84-85
1277358	BMW	2.8	528I	M30	170	L 6	79-81
1277358	BMW	3.2	528I	M69	196	L 6	78-80
128A000	FIAT	1.1	No Model		66	L 4	80-87
1290160301	MERCEDES BENZ	2.5	250SE		152	L 6	65-68
12C	HYUNDAI	2.0	SONATA	F	122	L 4	92-03
12C	HYUNDAI	2.0	TIBURON		121	L 4	99-05
12G1316	MG	1.3	No Model	E	78	L 4	66-74
12H1326	MG	1.8	No Model	C	110	L 4	65-72
12H2389	MG	1.8	No Model	C	110	L 4	65-72
12H2389	MG	1.8	No Model	H	110	L 4	77-80
12H2923	MG	1.8	No Model	C	110	L 4	65-72
12H4743	MG	1.8	No Model		112	L 4	65-75
12H4743	MG	1.8	No Model	C	110	L 4	65-72
12H4743	MG	1.8	No Model	H(2)	110	L 4	73-76
12H4743	MG	1.8	No Model	H(3)	110	L 4	72-74
12H906	MG	1.8	No Model	C	110	L 4	65-72
13	GM	6.6	FIREBIRD	S	400	V 8	67-79
13	GM	6.6	No Model	Z	400	V 8	77-79
1300160001	MERCEDES BENZ	2.7	280SE		167	L 6	75-81
1300160801	MERCEDES BENZ	2.8	280SE		170	L 6	67-72
1300160901	MERCEDES BENZ	2.5	250SE		152	L 6	65-68
1300162001	MERCEDES BENZ	2.5	250SE		152	L 6	65-68
1300162601	MERCEDES BENZ	2.8	280SE		170	L 6	67-72
1300163201	MERCEDES BENZ	2.8	280SE		170	L 6	67-72
1300163301	MERCEDES BENZ	2.8	280SE		170	L 6	67-72
1304473	BMW	3.2	No Model	M30B	196	L 6	81-84
1309231200	MERCEDES BENZ	2.8	280SE		170	L 6	67-72
1311810	CHRYSLER	3.5	No Model		218	L 6	33-56
1313766	GM	4.3	No Model	263	263	L 8	50-53
1313826	CHRYSLER	4.1	No Model		251	L 6	42-68
131700	CUMMINS	11.0	H672	H	672	L 6	40-68
131720	CUMMINS	11.0	H672	H	672	L 6	40-68
1318766	GM	4.3	No Model	263	263	L 8	50-53
131892R	NAVISTAR	6.1	WD-9		372	L 6	49-69

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
131893R	NAVISTAR	5.9	No Model		361	L 6	49-69
131893R	NAVISTAR	6.1	WD-9		372	L 6	49-69
131893R	NAVISTAR	6.6	WD-9		401	L 6	49-69
131893R	NAVISTAR	6.7	WD-9		406	L 6	49-69
131893R	NAVISTAR	7.4	WD-9		450	L 6	49-69
131893R	NAVISTAR	8.2	No Model		501	L 6	49-69
131893R1	NAVISTAR	6.7	WD-9		406	L 6	49-69
132	NISSAN	1.2	No Model	A12	72	L 4	72
132	NISSAN	1.2	No Model	A12	72	L 4	73
1323333	CHRYSLER	5.4	No Model	331	331	V 8	54-56
1323333	CHRYSLER	5.4	No Model	CAR	331	V 8	51-54
1323333	CHRYSLER	5.4	RAMBLER	A/J	327	V 8	57-67
1323336	CHRYSLER	5.4	No Model	CAR	331	V 8	51-54
1326304	CHRYSLER	3.5	No Model		218	L 6	33-56
1326306	CHRYSLER	3.5	No Model		218	L 6	33-56
1326804	CHRYSLER	3.5	No Model		218	L 6	33-56
1326855	CHRYSLER	4.1	No Model		251	L 6	42-68
1327373	CHRYSLER	4.5	BELVEDERE		277	V 8	56-57
1328304	CHRYSLER	3.5	No Model		218	L 6	33-56
1328362	CHRYSLER	3.9	No Model	F	237	L 6	42-56
1329135C1	NAVISTAR	2.9	454		179	L 3	
1333724	CATERPILLAR	7.2	3126B		439	L 6	
133-3724	CATERPILLAR	7.2	3126B		439	L 6	
133446	CHRYSLER	7.8	No Model		478	V 8	69-77
133446	CHRYSLER	9.0	No Model		549	V 8	70-74
133446	NAVISTAR	9.0	No Model	G	549	V 8	60-78
133446R	CHRYSLER	7.8	No Model		478	V 8	69-77
133446R	CHRYSLER	9.0	No Model		549	V 8	70-74
133446R	NAVISTAR	7.5	No Model	UV	461	V 8	56-68
133446R	NAVISTAR	9.0	No Model	G	549	V 8	60-78
133446R1	NAVISTAR	9.0	No Model	G	549	V 8	60-78
133466R	NAVISTAR	7.5	No Model	UV	461	V 8	56-68
133466R	NAVISTAR	9.0	No Model	G	549	V 8	60-78
133470	CUMMINS	11.0	H672	H	672	L 6	40-68
133503	NAVISTAR	6.5	No Model	V	401	V 8	62-74
133570	CUMMINS	12.2	NH 220 SERIES	NH	743	L 6	
133570	CUMMINS	14.0	88NT	FFC	855	L 6	87-89
133570	CUMMINS	14.0	NH230	NH	855	L 6	
133570	CUMMINS	14.0	NT SERIES		855	L 6	88-91
133570	CUMMINS	14.0	NT855	NT	855	L 6	
133570	CUMMINS	28.0	V1710	V12	1710	V 12	
133573	CUMMINS	24.4	VT1486		1486	V 12	60-70
133573	CUMMINS	28.0	V1710	V12	1710	V 12	
133573	CUMMINS	28.0	VT1710	VTA	1710	V 12	
134	TOYOTA	1.6	COROLLA	2T-C	97	L 4	71-79
1342-A6	FIAT	1.1	No Model		66	L 4	80-87
1343840	GM	5.3	No Model	B	322	V 8	53-56
134466R	NAVISTAR	9.0	No Model	G	549	V 8	60-78
135102	WAUKESHA	7.0	135DK		426	L 6	
135102	WAUKESHA	7.0	135GK		426	L 6	
135102	WAUKESHA	8.7	6SRLR		525	L 6	
135202	WAUKESHA	7.0	135DK		426	L 6	
135202	WAUKESHA	7.0	135GK		426	L 6	
135411	GM	3.3	No Model	M	200	V 6	78-79
1354391	GM	3.2	No Model	198	198	V 6	62-65
135541	CUMMINS	14.0	NH230	NH	855	L 6	
135541	CUMMINS	14.0	NT855	NT	855	L 6	

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
135640	CUMMINS	12.2	NH 220 SERIES	NH	743	L 6	
135640	CUMMINS	14.0	88NT	FFC	855	L 6	87-89
135640	CUMMINS	14.0	NH230	NH	855	L 6	
135640	CUMMINS	14.0	NT SERIES		855	L 6	88-91
135640	CUMMINS	14.0	NT855	NT	855	L 6	
1358219	GM	3.5	No Model		215	V 8	61-63
1358219	ROVER	3.5	No Model		217	V 8	79-87
1358219	ROVER	3.9	No Model	2	241	V 8	89-96
1358219	ROVER	4.0	No Model	97	241	V 8	97-00
1358676	GM	3.7	No Model	B	225	V 6	64-67
1358766	GM	3.7	No Model	B	225	V 6	64-67
1358767	GM	3.7	No Model	B	225	V 6	64-67
1359	HERCULES	3.7	D	DT	226	L 4	
1359	HERCULES	3.7	D	DT(2)	226	L 4	
136002	WAUKESHA	7.0	135DK		426	L 6	
136002	WAUKESHA	7.0	135GK		426	L 6	
136202	WAUKESHA	7.0	135DK		426	L 6	
136202	WAUKESHA	7.0	135GK		426	L 6	
136302A	WAUKESHA	7.0	135DK		426	L 6	
136302A	WAUKESHA	7.0	135GK		426	L 6	
1364391	CHRYSLER	3.7	No Model		225	L 6	76-87
1364391	GM	3.2	No Model	198	198	V 6	62-65
1364391	GM	3.7	No Model	B	225	V 6	64-67
1368767	GM	3.7	No Model	B	225	V 6	64-67
137	TOYOTA	1.8	COROLLA	3T-C	108	L 4	80-82
1374603	GM	6.6	No Model	B.	401	V 8	59-66
1374603	GM	7.0	No Model	B	425	V 8	63-66
1374870	GM	5.6	No Model	B	340	V 8	64-67
1376329	GM	5.6	No Model	B	340	V 8	64-67
1376330	GM	5.6	No Model	B	340	V 8	64-67
1376346	GM	3.7	No Model	B	225	V 6	64-67
1376912	GM	6.6	No Model	B.	401	V 8	59-66
1376912	GM	7.0	No Model	B	425	V 8	63-66
1377979	GM	6.6	No Model	B	400	V 8	67-69
1377980	GM	6.6	No Model	B	400	V 8	67-69
13780	CUMMINS	11.0	H672	H	672	L 6	40-68
13780	CUMMINS	12.2	NH 220 SERIES	NH	743	L 6	
1378348	GM	3.7	No Model	B	225	V 6	64-67
1382091	GM	7.0	No Model	B	430	V 8	67-69
1382546	GM	5.7	No Model	H	350	V 8	68-74
1382983	GM	7.0	No Model	B	430	V 8	67-69
1382985	GM	7.0	No Model	B	430	V 8	67-69
1382986	GM	7.0	No Model	B	430	V 8	67-69
1384720	GM	7.0	No Model	B	430	V 8	67-69
1386767	GM	3.7	No Model	B	225	V 6	64-67
1-394548	GM	7.5	No Model	R	455	V 8	68-76
13M	GM	1.6	NOVA	4	97	L 4	85-88
13M	MITSUBISHI	2.0	GALANT	V	122	L 4	89-92
14	GM	6.6	FIREBIRD	S	400	V 8	67-79
14	GM	6.6	No Model	P	400	V 8	72-75
14	GM	6.6	No Model	R	400	V 8	74-75
14	GM	6.6	No Model	S	400	V 8	75-75
14	GM	6.6	No Model	T	400	V 8	72-77
14	GM	6.6	No Model	Z	400	V 8	77-79
14	MITSUBISHI	1.5	MIRAGE	K	90	L 4	85-88
14	TOYOTA	2.0	VAN	3Y-EC	122	L 4	84-85
14	TOYOTA	2.2	VAN	4Y-EC	137	L 4	84-89

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
14	TOYOTA	3.0	CRESSIDA	7M-GE	180	L 6	86-92
140	GM	5.3	No Model	P	326	V 8	63-67
140002L	WAUKESHA	8.6	140		525	L 6	
140002L	WAUKESHA	8.6	140GK		525	L 6	
14002	WAUKESHA	8.6	140		525	L 6	
14002	WAUKESHA	8.6	140GK		525	L 6	
14002012	GM	4.1	No Model	D	250	L 6	77-78
14002012	GM	4.1	No Model	D	250	L 6	78-80
14002012	GM	4.1	No Model	D	250	L 6	81-85
14008145	GM	7.4	No Model	L	454	V 8	75-76
140102D	WAUKESHA	8.6	140		525	L 6	
140102D	WAUKESHA	8.6	140GK		525	L 6	
14011034	GM	5.7	No Model	4	350	V 8	78-79
14011034	GM	5.7	No Model	6	350	V 8	80-88
14011034	GM	5.7	No Model	L	350	V 8	77-82
14011034	GM	5.7	No Model	L	350	V 8	83-86
14011049	GM	5.7	No Model	4	350	V 8	78-79
14011049	GM	5.7	No Model	6	350	V 8	80-88
14011049	GM	5.7	No Model	L	350	V 8	77-82
14011049	GM	5.7	No Model	L	350	V 8	83-86
14011077	GM	6.5	No Model		396	V 8	65-72
14014415	GM	4.4	No Model	J	267	V 8	79-82
14014416	GM	5.0	No Model	7	305	V 8	82
14014416	GM	5.0	No Model	F	305	V 8	81-87
14014416	GM	5.0	No Model	G	305	V 8	76-79
14014416	GM	5.0	No Model	G	305	V 8	80-81
14014416	GM	5.0	No Model	G	305	V 8	84-88
14014416	GM	5.0	No Model	H	305	V 8	78-88
14014416	GM	5.0	No Model	S	305	V 8	83
14014416	GM	5.0	No Model	U	305	V 8	77-79
14015499	GM	4.1	No Model	D	250	L 6	77-78
14015499	GM	4.1	No Model	D	250	L 6	78-80
14015499	GM	4.1	No Model	D	250	L 6	81-85
14019923	GM	2.3	VEGA	V	140	L 4	71-76
14020509	GM	1.8	No Model	G	112	L 4	81-85
14020509	GM	2.0	No Model	B	122	L 4	82-86
14020509	GM	2.0	No Model	P	121	L 4	82-86
14020509	GM	2.0	S-10	Y	121	L 4	82-84
14020553	GM	3.3	No Model	M	200	V 6	78-79
14020553	GM	3.8	No Model	9	229	V 6	83-84
14020553	GM	3.8	No Model	K	229	V 6	80-82
14020555	GM	5.0	No Model	7	305	V 8	82
14020555	GM	5.0	No Model	F	305	V 8	81-87
14020555	GM	5.0	No Model	G	305	V 8	76-79
14020555	GM	5.0	No Model	G	305	V 8	80-81
14020555	GM	5.0	No Model	G	305	V 8	84-88
14020555	GM	5.0	No Model	H	305	V 8	78-88
14020555	GM	5.0	No Model	S	305	V 8	83
14020556	GM	5.7	No Model	6	350	V 8	80-88
14020556	GM	5.7	No Model	L	350	V 8	89-92
14020556	GM	5.7	No Model	M	350	V 8	79-88
14022056	GM	5.7	No Model	6	350	V 8	80-88
14022056	GM	5.7	No Model	L	350	V 8	89-92
14022056	GM	5.7	No Model	M	350	V 8	79-88
14022292	CHRYSLER	2.8	No Model	W	173	V 6	84-87
14022301	GM	5.0	No Model	7	305	V 8	82
14022301	GM	5.0	No Model	F	305	V 8	81-87

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
14022301	GM	5.0	No Model	G	305	V 8	76-79
14022301	GM	5.0	No Model	G	305	V 8	80-81
14022301	GM	5.0	No Model	G	305	V 8	84-88
14022301	GM	5.0	No Model	H	305	V 8	78-88
14022301	GM	5.0	No Model	S	305	V 8	83
14022601	GM	4.4	No Model	J	267	V 8	79-82
14022601	GM	5.0	No Model	7	305	V 8	82
14022601	GM	5.0	No Model	F	305	V 8	81-87
14022601	GM	5.0	No Model	G	305	V 8	76-79
14022601	GM	5.0	No Model	G	305	V 8	80-81
14022601	GM	5.0	No Model	G	305	V 8	84-88
14022601	GM	5.0	No Model	H	305	V 8	78-88
14022601	GM	5.0	No Model	S	305	V 8	83
14022601	GM	5.0	No Model	U	305	V 8	77-79
14022801	GM	5.0	No Model	7	305	V 8	82
14022801	GM	5.0	No Model	G	305	V 8	76-79
14022801	GM	5.0	No Model	G	305	V 8	80-81
14022801	GM	5.0	No Model	G	305	V 8	84-88
14022801	GM	5.0	No Model	H	305	V 8	78-88
14022801	GM	5.0	No Model	S	305	V 8	83
14024258	CHRYSLER	2.8	No Model	W	173	V 6	84-87
14024258	GM	2.8	No Model	1	173	V 6	82-85
14024258	GM	2.8	No Model	7	173	V 6	79-80
14024258	GM	2.8	No Model	B	173	V 6	82-85
14024258	GM	2.8	No Model	X	173	V 6	80-86
14024258	GM	2.8	No Model	Z	173	V 6	82-84
14024527	GM	2.8	FIERO	9	173	V 6	85-88
14024527	GM	2.8	No Model	S	173	V 6	85-92
14024527	GM	2.8	No Model	W	173	V 6	85-86
14024527	GM	2.8	SONOMA	R	173	V 6	86-93
14025175	GM	7.4	No Model	N	454	V 8	87-90
14025175	GM	7.4	No Model	S	454	V 8	76-79
14025175	GM	7.4	No Model	S	454	V 8	80-81
14025175	GM	7.4	No Model	W	454	V 8	80-86
14025175	GM	7.4	No Model	W	454	V 8	87-90
14025175	GM	7.4	No Model	Y	454	V 8	76-78
14025175	GM	7.4	No Model	Z	454	V 8	70-75
14028901	GM	6.2	No Model	C	379	V 8	82-86
14028901	GM	6.2	No Model	C	379	V 8	87-93
14028901	GM	6.2	No Model	J	379	V 8	82-86
14028901	GM	6.2	No Model	J	379	V 8	87-93
14028901	GM	6.5	No Model	7	397	V 8	98-99
14028901	GM	6.5	No Model	F	397	V 8	92-00
14028901	GM	6.5	No Model	P	397	V 8	94-95
14028901	GM	6.5	No Model	S	397	V 8	94-00
14028901	GM	6.5	No Model	Y	397	V 8	94-99
14029007	GM	3.3	No Model	M	200	V 6	78-79
14031327	GM	2.8	FIERO	9	173	V 6	85-88
14031327	GM	2.8	No Model	S	173	V 6	85-92
14031327	GM	2.8	No Model	W	173	V 6	85-86
14031327	GM	2.8	No Model	Z	173	V 6	82-84
14031327	GM	2.8	SONOMA	R	173	V 6	86-93
14031327	GM	3.1	FIREBIRD	T	191	V 6	89-94
14031327	GM	3.1	LUMINA	D	191	V 6	90-95
14031327	ISUZU	2.8	TROOPER II	R	173	V 6	89-91
14031327	ISUZU	3.1	TROOPER II	Z	189	V 6	91-94
14032343	GM	1.4	CHEVETTE	I	85	L 4	76-77

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
14032343	GM	1.6	CHEVETTE	0	98	L 4	79-80
14032343	GM	1.6	CHEVETTE	9	98	L 4	80-82
14032343	GM	1.6	CHEVETTE	C	98	L 4	82-87
14032343	GM	1.6	CHEVETTE	E	98	L 4	76-77
14032343	GM	1.6	CHEVETTE	E	98	L 4	78-79
14032363	GM	1.6	CHEVETTE	C	98	L 4	82-87
1403263	GM	1.6	CHEVETTE	C	98	L 4	82-87
14033265	GM	2.0	No Model	B	122	L 4	82-86
14033265	GM	2.0	No Model	P	121	L 4	82-86
14033265	GM	2.0	S-10	Y	121	L 4	82-84
14033282	CHRYSLER	2.8	No Model	W	173	V 6	84-87
14033282	GM	2.8	No Model	1	173	V 6	82-85
14033282	GM	2.8	No Model	7	173	V 6	79-80
14033282	GM	2.8	No Model	B	173	V 6	82-85
14033282	GM	2.8	No Model	X	173	V 6	80-86
14033282	GM	2.8	No Model	Z	173	V 6	82-84
14033292	CHRYSLER	2.8	No Model	W	173	V 6	84-87
14033292	GM	2.8	No Model	1	173	V 6	82-85
14033292	GM	2.8	No Model	7	173	V 6	79-80
14033292	GM	2.8	No Model	B	173	V 6	82-85
14033292	GM	2.8	No Model	X	173	V 6	80-86
1-403686	GM	7.5	No Model	R	455	V 8	68-76
14044861	GM	6.5	No Model		396	V 8	65-72
14044884	GM	2.8	FIERO	9	173	V 6	85-88
14044884	GM	2.8	No Model	S	173	V 6	85-92
14044884	GM	2.8	No Model	W	173	V 6	85-86
14044884	GM	2.8	SONOMA	R	173	V 6	86-93
14044884	GM	3.1	FIREBIRD	T	191	V 6	89-94
14044884	GM	3.1	LUMINA	D	191	V 6	90-95
140502	WAUKESHA	8.6	140		525	L 6	
140502	WAUKESHA	8.6	140GK		525	L 6	
14051299	GM	6.2	No Model	C	379	V 8	82-86
14051299	GM	6.2	No Model	J	379	V 8	82-86
14051299	GM	6.2	No Model	J	379	V 8	87-93
14054484	GM	2.8	SONOMA	R	173	V 6	86-93
14054877	CHRYSLER	2.8	No Model	W	173	V 6	84-87
14054877	GM	2.8	No Model	1	173	V 6	82-85
14054877	GM	2.8	No Model	7	173	V 6	79-80
14054877	GM	2.8	No Model	B	173	V 6	82-85
14054877	GM	2.8	No Model	X	173	V 6	80-86
14054877	GM	2.8	No Model	Z	173	V 6	82-84
14054879	GM	2.8	FIERO	9	173	V 6	85-88
14054879	GM	2.8	No Model	S	173	V 6	85-92
14054879	GM	2.8	No Model	W	173	V 6	85-86
14054879	GM	2.8	No Model	Z	173	V 6	82-84
14054879	GM	2.8	SONOMA	R	173	V 6	86-93
14054879	GM	3.1	FIREBIRD	T	191	V 6	89-94
14054879	GM	3.1	LUMINA	D	191	V 6	90-95
14054879	ISUZU	2.8	TROOPER II	R	173	V 6	89-91
14054879	ISUZU	3.1	TROOPER II	Z	189	V 6	91-94
14054882	CHRYSLER	2.8	No Model	W	173	V 6	84-87
14054882	GM	2.8	No Model	1	173	V 6	82-85
14054882	GM	2.8	No Model	7	173	V 6	79-80
14054882	GM	2.8	No Model	B	173	V 6	82-85
14054882	GM	2.8	No Model	X	173	V 6	80-86
14054882	GM	2.8	No Model	Z	173	V 6	82-84
14054884	GM	2.8	FIERO	9	173	V 6	85-88

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
14054884	GM	2.8	No Model	S	173	V 6	85-92
14054884	GM	2.8	No Model	W	173	V 6	85-86
14054884	GM	2.8	No Model	Z	173	V 6	82-84
14054884	GM	2.8	SONOMA	R	173	V 6	86-93
14054884	GM	3.1	FIREBIRD	T	191	V 6	89-94
14054884	GM	3.1	LUMINA	D	191	V 6	90-95
14054884	GM	3.4	CAMARO	S	207	V 6	93-95
14054884	ISUZU	2.8	TROOPER II	R	173	V 6	89-91
14054884	ISUZU	3.1	TROOPER II	Z	189	V 6	91-94
14057299	GM	6.2	No Model	C	379	V 8	82-86
14057299	GM	6.2	No Model	C	379	V 8	87-93
14057299	GM	6.2	No Model	J	379	V 8	82-86
14057299	GM	6.2	No Model	J	379	V 8	87-93
14057299	GM	6.5	No Model	7	397	V 8	98-99
14057299	GM	6.5	No Model	F	397	V 8	92-00
14057299	GM	6.5	No Model	P	397	V 8	94-95
14057299	GM	6.5	No Model	S	397	V 8	94-00
14057299	GM	6.5	No Model	Y	397	V 8	94-99
14057877	CHRYSLER	2.8	No Model	W	173	V 6	84-87
14057877	GM	2.8	No Model	B	173	V 6	82-85
14057877	GM	2.8	No Model	X	173	V 6	80-86
14057879	CHRYSLER	2.8	No Model	W	173	V 6	84-87
1406516	CHRYSLER	5.9	No Model		361	V 8	80-81
1406740	CHRYSLER	5.9	No Model		361	V 8	80-81
1406740	CHRYSLER	5.9	No Model	TRK	361	V 8	57-78
14071110	GM	1.6	CHEVETTE	9	98	L 4	80-82
14071110	GM	1.6	CHEVETTE	C	98	L 4	82-87
14071114	GM	5.7	No Model	4	350	V 8	78-79
14071114	GM	5.7	No Model	6	350	V 8	80-88
14071114	GM	5.7	No Model	L	350	V 8	77-82
14071114	GM	5.7	No Model	L	350	V 8	83-86
14071114	GM	5.7	No Model	M	350	V 8	79-88
14071114	GM	5.7	No Model	P	350	V 8	80-83
14071114	GM	6.6	No Model	L	400	V 8	70-78
14071114	GM	6.6	No Model	R	400	V 8	77-80
14077162	GM	6.2	No Model	C	379	V 8	82-86
14077162	GM	6.2	No Model	C	379	V 8	87-93
14077162	GM	6.2	No Model	J	379	V 8	82-86
14077162	GM	6.2	No Model	J	379	V 8	87-93
14077162	GM	6.5	No Model	7	397	V 8	98-99
14077162	GM	6.5	No Model	F	397	V 8	92-00
14077162	GM	6.5	No Model	P	397	V 8	94-95
14077162	GM	6.5	No Model	S	397	V 8	94-00
14077162	GM	6.5	No Model	Y	397	V 8	94-99
14079245	GM	4.3	No Model	B	262	V 6	90-91
14079245	GM	4.3	No Model	N	262	V 6	85-86
14079245	GM	4.3	No Model	Z	262	V 6	86-97
14079248	GM	2.8	No Model	W	173	V 6	87-89
14079248	GM	3.1	FIREBIRD	T	191	V 6	89-94
14079248	GM	4.3	No Model	B	262	V 6	90-91
14079248	GM	4.3	No Model	N	262	V 6	85-86
14079248	GM	4.3	No Model	Z	262	V 6	85-86
14079248	GM	4.3	No Model	Z	262	V 6	86-97
14079261	GM	5.7	CAMARO, CORVETTE	8	350	V 8	85-92
14079261	GM	5.7	No Model	6	350	V 8	80-88
14079261	GM	5.7	No Model	L	350	V 8	89-92
14079261	GM	5.7	No Model	M	350	V 8	79-88

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
14079267	GM	5.7	No Model	4	350	V 8	78-79
14079267	GM	5.7	No Model	6	350	V 8	80-88
14079267	GM	5.7	No Model	L	350	V 8	76
14079267	GM	5.7	No Model	L	350	V 8	77-82
14079267	GM	5.7	No Model	L	350	V 8	83-86
14079267	GM	5.7	No Model	L	350	V 8	89-92
14079267	GM	5.7	No Model	M	350	V 8	79-88
14079267	GM	5.7	No Model	M	350	V 8	79-88
14079267	GM	5.7	No Model	P	350	V 8	80-83
14079267	GM	5.7	No Model	V	350	V 8	74-76
14079267	GM	5.7	No Model	Y	350	V 8	68-75
14079268	GM	4.3	No Model	B	262	V 6	90-91
14079268	GM	4.3	No Model	N	262	V 6	85-86
14079268	GM	4.3	No Model	Z	262	V 6	86-97
14079269	GM	4.3	No Model	Z	262	V 6	86-97
14079287	GM	5.7	No Model	6	350	V 8	80-88
14079287	GM	5.7	No Model	K	350	V 8	86-96
14079287	GM	5.7	No Model	L	350	V 8	89-92
14079287	GM	5.7	No Model	M	350	V 8	79-88
14081045	GM	7.4	No Model	N	454	V 8	87-90
14081045	GM	7.4	No Model	S	454	V 8	76-79
14081045	GM	7.4	No Model	S	454	V 8	80-81
14081045	GM	7.4	No Model	W	454	V 8	80-86
14081045	GM	7.4	No Model	W	454	V 8	87-90
14081045	GM	7.4	No Model	Y	454	V 8	76-78
14081045	GM	7.4	No Model	Z	454	V 8	70-75
14081052	GM	6.0	No Model	B	366	V 8	68-90
14081052	GM	6.0	No Model	P	366	V 8	89-90
14081052	GM	7.0	No Model	L	427	V 8	66-90
1408145	GM	7.4	No Model	L	454	V 8	75-76
1408145	GM	7.4	No Model	N	454	V 8	87-90
1408145	GM	7.4	No Model	S	454	V 8	76-79
1408145	GM	7.4	No Model	S	454	V 8	80-81
1408145	GM	7.4	No Model	W	454	V 8	80-86
1408145	GM	7.4	No Model	W	454	V 8	87-90
1408145	GM	7.4	No Model	Y	454	V 8	76-78
1408145	GM	7.4	No Model	Z	454	V 8	70-75
14081738	GM	2.0	No Model	1	122	L 4	87-88
14081738	GM	2.0	No Model	1	122	L 4	87-89
14081738	GM	2.2	CAVALIER	4	134	L 4	91-94
14081738	GM	2.2	No Model	G	134	L 4	90-91
14081798	GM	2.0	No Model	B	122	L 4	82-86
14081798	GM	2.0	No Model	P	121	L 4	82-86
14081798	GM	2.0	S-10	Y	121	L 4	82-84
14084768	GM	4.3	No Model	Z	262	V 6	86-97
14084882	CHRYSLER	2.8	No Model	W	173	V 6	84-87
14084882	GM	2.8	FIERO	9	173	V 6	85-88
14084882	GM	2.8	No Model	B	173	V 6	82-85
14084882	GM	2.8	No Model	X	173	V 6	80-86
14085963	GM	5.7	No Model	6	350	V 8	80-88
14085963	GM	5.7	No Model	K	350	V 8	86-96
14085963	GM	5.7	No Model	L	350	V 8	89-92
14085963	GM	5.7	No Model	M	350	V 8	79-88
14086041	GM	2.0	No Model	B	122	L 4	82-86
14086041	GM	2.0	No Model	P	121	L 4	82-86
14086041	GM	2.0	S-10	Y	121	L 4	82-84
14087052	GM	6.0	No Model	B	366	V 8	68-90

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
14087052	GM	6.0	No Model	P	366	V 8	89-90
14087052	GM	7.0	No Model	L	427	V 8	66-90
14087879	GM	2.8	FIERO	9	173	V 6	85-88
14087879	GM	2.8	No Model	S	173	V 6	85-92
14087879	GM	2.8	No Model	W	173	V 6	85-86
14087879	GM	2.8	No Model	Z	173	V 6	82-84
14087879	GM	2.8	SONOMA	R	173	V 6	86-93
14089119	GM	5.7	No Model	6	350	V 8	80-88
14089119	GM	5.7	No Model	K	350	V 8	86-96
14089119	GM	5.7	No Model	L	350	V 8	89-92
14089119	GM	5.7	No Model	M	350	V 8	79-88
14089275	GM	3.1	LUMINA	D	191	V 6	90-95
14089834	GM	2.8	No Model	W	173	V 6	87-89
14089834	GM	3.1	FIREBIRD	T	191	V 6	89-94
1-409100	GM	7.5	No Model	R	455	V 8	68-76
1-409100	GM	7.5	No Model	R	455	V 8	68-76
1-409100	GM	7.5	No Model	R	455	V 8	68-76
14092359	GM	6.0	No Model	B	366	V 8	68-90
14092359	GM	6.0	No Model	P	366	V 8	89-90
14092359	GM	7.0	No Model	L	427	V 8	66-90
14092360	GM	7.4	No Model	L	454	V 8	75-76
14092360	GM	7.4	No Model	N	454	V 8	87-90
14092360	GM	7.4	No Model	S	454	V 8	76-79
14092360	GM	7.4	No Model	S	454	V 8	80-81
14092360	GM	7.4	No Model	W	454	V 8	80-86
14092360	GM	7.4	No Model	W	454	V 8	87-90
14092360	GM	7.4	No Model	Y	454	V 8	76-78
14093683	GM	4.3	No Model	B	262	V 6	90-91
14093683	GM	4.3	No Model	Z	262	V 6	86-97
14093914	GM	5.0	No Model	G	305	V 8	76-79
14093914	GM	5.0	No Model	H	305	V 8	78-88
14094066	GM	4.3	No Model	Z	262	V 6	86-97
14094093	GM	5.7	CAMARO, CORVETTE	8	350	V 8	85-92
14094093	GM	5.7	No Model	6	350	V 8	80-88
14094093	GM	5.7	No Model	L	350	V 8	89-92
14094093	GM	5.7	No Model	M	350	V 8	79-88
14094098	GM	5.7	No Model	K	350	V 8	86-96
14094098	GM	5.7	No Model	L	350	V 8	89-92
14094098	GM	5.7	No Model	M	350	V 8	79-88
14094768	GM	4.3	No Model	B	262	V 6	90-91
14094768	GM	4.3	No Model	N	262	V 6	85-86
14094768	GM	4.3	No Model	Z	262	V 6	86-97
14096188	GM	7.4	No Model	N	454	V 8	87-90
14096217	GM	5.7	CAMARO, CORVETTE	8	350	V 8	85-92
14096217	GM	5.7	No Model	6	350	V 8	80-88
14096217	GM	5.7	No Model	7	350	V 8	89-95
14096217	GM	5.7	No Model	K	350	V 8	86-96
14096217	GM	5.7	No Model	L	350	V 8	89-92
14096217	GM	5.7	No Model	M	350	V 8	79-88
14096217	OMC	5.7	No Model		350	V 8	
14096620	GM	3.0	No Model	IND	181	L 4	74-93
14097088	GM	8.2	ENGINE 502		502	V 8	96-01
14097088	MERCUISER	8.2	500 BULLDOG	HJ	502	V 8	
14099064	GM	4.3	No Model	R	262	V 6	92-95
14099064	GM	4.3	No Model	W	262	V 6	92-04
14099064	GM	4.3	No Model	Z	262	V 6	86-97
14099064	ISUZU	4.3	HOMBRE	W	262	V 6	98

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
14099067	GM	4.3	No Model	Z	262	V 6	86-97
14099070	GM	4.3	No Model	R	262	V 6	92-95
14099070	GM	4.3	No Model	Z	262	V 6	86-97
141	GM	5.3	No Model	P	326	V 8	63-67
14101081	GM	5.0	No Model	F	305	V 8	88-92
14101081	GM	5.0	No Model	G	305	V 8	76-79
14101081	GM	5.0	No Model	G	305	V 8	84-88
14101081	GM	5.0	No Model	H	305	V 8	78-88
14101081	GM	5.0	No Model	H	305	V 8	89-95
14101083	GM	5.7	CAMARO, CORVETTE	8	350	V 8	85-92
14101083	GM	5.7	No Model	6	350	V 8	80-88
14101083	GM	5.7	No Model	7	350	V 8	89-95
14101083	GM	5.7	No Model	K	350	V 8	86-96
14101083	GM	5.7	No Model	L	350	V 8	89-92
14101083	GM	5.7	No Model	M	350	V 8	79-88
14101128	GM	5.7	CAMARO, CORVETTE	8	350	V 8	85-92
14101128	GM	5.7	No Model	6	350	V 8	80-88
14101128	GM	5.7	No Model	L	350	V 8	89-92
14101128	GM	5.7	No Model	M	350	V 8	79-88
14101187	GM	5.0	No Model	H	305	V 8	89-95
14102183	GM	5.7	CAMARO, CORVETTE	8	350	V 8	85-92
14102183	GM	5.7	No Model	7	350	V 8	89-95
14102183	GM	5.7	No Model	K	350	V 8	86-96
14102183	GM	5.7	No Model	L	350	V 8	89-92
14102187	GM	5.0	CAMARO	E	305	V 8	88-92
14102187	GM	5.0	No Model	F	305	V 8	88-92
14102187	GM	5.0	No Model	G	305	V 8	76-79
14102187	GM	5.0	No Model	G	305	V 8	84-88
14102187	GM	5.0	No Model	H	305	V 8	78-88
14102187	GM	5.0	No Model	H	305	V 8	89-95
14102191	GM	5.7	CAMARO, CORVETTE	8	350	V 8	85-92
14102191	GM	5.7	No Model	6	350	V 8	80-88
14102191	GM	5.7	No Model	7	350	V 8	89-95
14102191	GM	5.7	No Model	K	350	V 8	86-96
14102191	GM	5.7	No Model	L	350	V 8	89-92
14102191	GM	5.7	No Model	M	350	V 8	79-88
14102193	GM	5.7	CAMARO, CORVETTE	8	350	V 8	85-92
14102193	GM	5.7	No Model	6	350	V 8	80-88
14102193	GM	5.7	No Model	7	350	V 8	89-95
14102193	GM	5.7	No Model	K	350	V 8	86-96
14102193	GM	5.7	No Model	L	350	V 8	89-92
14102193	GM	5.7	No Model	M	350	V 8	79-88
1-411783	GM	7.5	No Model	R	455	V 8	68-76
1-413191	GM	7.5	No Model	R	455	V 8	68-76
14131996	GM	4.3	No Model	B	262	V 6	90-91
14131996	GM	4.3	No Model	Z	262	V 6	86-97
142020	CUMMINS	11.0	H672	H	672	L 6	40-68
142020	CUMMINS	12.2	NH 220 SERIES	NH	743	L 6	
142023	CUMMINS	12.2	NH 220 SERIES	NH	743	L 6	
142030	CUMMINS	24.4	VT1486		1486	V 12	60-70
142030	CUMMINS	28.0	V1710	V12	1710	V 12	
142030	CUMMINS	28.0	VT1710	VTA	1710	V 12	
142650	CUMMINS	12.2	NH 220 SERIES	NH	743	L 6	
14-27	TOYOTA	1.5	TERCEL	3A	89	L 4	80-86
14-27	TOYOTA	1.5	TERCEL	3A-C	89	L 4	81-88
143, 061	GM	6.6	FIREBIRD	S	400	V 8	67-79
1430105	VOLVO	3.0	No Model	B30E	182	L 6	72-73

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
143361	CUMMINS	7.6	C 180		464	L 6	
143361W	CUMMINS	7.6	C 160		464	L 6	
143551	CUMMINS	6.6	J SERIES	J	401	L 6	
143551	CUMMINS	6.6	J SERIES	J	401	L 6	
143551	CUMMINS	6.6	J160		401	L 6	
143551	CUMMINS	7.6	C 180		464	L 6	
143553	CUMMINS	6.6	J SERIES	J	401	L 6	
143553	CUMMINS	6.6	J160		401	L 6	
143561	CUMMINS	6.6	J SERIES	J	401	L 6	
143561	CUMMINS	6.6	J160		401	L 6	
143561	CUMMINS	7.6	C 180		464	L 6	
143561	CUMMINS	7.6	C 180		464	L 6	
143561	CUMMINS	7.6	C 190		464	L 6	
143561	CUMMINS	7.6	C 200		464	L 6	
143561W	CUMMINS	7.6	C 160		464	L 6	
145002	WAUKESHA	12.8	145GK		779	L 6	
145002	WAUKESHA	13.4	145GZ		817	L 6	
145002	WAUKESHA	13.4	F817G		817	L 6	
145002D	WAUKESHA	12.8	145GK		779	L 6	
145202D	WAUKESHA	13.4	145GZ		817	L 6	
145202D	WAUKESHA	13.4	F817G		817	L 6	
145402A	WAUKESHA	12.8	145GK		779	L 6	
145402A	WAUKESHA	13.4	145GZ		817	L 6	
145402A	WAUKESHA	13.4	F817G		817	L 6	
145402D	WAUKESHA	12.8	145GK		779	L 6	
1456439	GM	6.0	No Model		365	V 8	56-58
1461727	GM	5.4	No Model	CAD	331	V 8	49-55
1462611	GM	5.4	No Model	CAD	331	V 8	49-55
1462983	GM	6.0	No Model		365	V 8	56-58
1462983	GM	6.0	No Model		365	V 8	58-62
1465406	GM	6.0	No Model		365	V 8	56-58
1465431	GM	6.0	No Model		365	V 8	56-58
1465431	GM	6.0	No Model		365	V 8	58-62
1465436	GM	6.0	No Model		365	V 8	56-58
1468025	GM	6.4	No Model		390	V 8	59-62
1472449	GM	6.0	No Model		365	V 8	58-62
1473449	GM	6.4	No Model		390	V 8	59-62
1475	CHRYSLER	5.9	GRAND WAGONEER	7	360	V 8	89-91
1479831	GM	6.4	No Model		390	V 8	59-62
1479831	GM	6.4	No Model		390	V 8	63
1479831	GM	7.0	No Model	CAD	429	V 8	63-67
1479831	GM	7.0	No Model	L	427	V 8	66-90
1481395	GM	7.0	No Model	CAD	429	V 8	63-67
1484240	GM	7.0	No Model	CAD	429	V 8	63-67
1485240	GM	6.4	No Model		390	V 8	63
1485240	GM	7.0	No Model	CAD	429	V 8	63-67
1486250	GM	7.0	No Model	CAD	429	V 8	63-67
1486250	GM	7.7	No Model	R	472	V 8	68-74
1486250	GM	8.2	No Model		500	V 8	70-73
1486250	GM	8.2	No Model	S	500	V 8	70-76
1486833	CHRYSLER	5.4	No Model	331	331	V 8	54-56
1486833	CHRYSLER	5.4	No Model	CAR	331	V 8	51-54
1486833	CHRYSLER	5.4	RAMBLER	A/J	327	V 8	57-67
1488280	GM	7.7	No Model	R	472	V 8	68-74
149440	CUMMINS	5.8	V352		352	V 6	
149440	CUMMINS	6.2	V378	V6	378	V 6	
1495950	GM	7.7	No Model	R	472	V 8	68-74

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
1497902	GM	7.7	No Model	R	472	V 8	68-74
1497902	GM	8.2	No Model		500	V 8	70-73
1497902	GM	8.2	No Model	S	500	V 8	70-76
149930	CUMMINS	6.2	V378	V6	378	V 6	
15	CHRYSLER	1.5	COLT	A	91	L 4	90-96
15	CHRYSLER	1.5	COLT	K	91	L 4	85-88
15	CHRYSLER	1.5	COLT	X	91	L 4	89-90
15	GM	6.6	No Model	P	400	V 8	72-75
15	GM	6.6	No Model	R	400	V 8	74-75
15	GM	6.6	No Model	S	400	V 8	75-75
15	GM	6.6	No Model	T	400	V 8	72-77
15	GM	6.6	No Model	Z	400	V 8	77-79
15	GM	7.5	No Model	P	455	V 8	70-76
15	GM	7.5	No Model	W	455	V 8	71-76
15	GM	7.5	No Model	X & Y	455	V 8	71-76
15	GM	7.5	No Model	X & Y	455	V 8	71-76
15	MITSUBISHI	1.5	MIRAGE	A	92	L 4	90-99
15	MITSUBISHI	1.5	MIRAGE	K	90	L 4	85-88
15	MITSUBISHI	1.5	MIRAGE	X	90	L 4	89-90
15	MITSUBISHI	1.5	No Model	J	91	L 4	90-94
15	MITSUBISHI	1.5	PRECIS	J	90	L 4	87-89
15	TOYOTA	2.2	CAMRY	5SFE	134	L 4	90-00
15	TOYOTA	3.0	CRESSIDA	7MGTE	180	L 6	87-92
1-5	GM	7.5	No Model	R	455	V 8	68-76
15, 215	GM	6.6	FIREBIRD	S	400	V 8	67-79
15054882	GM	2.8	No Model	Z	173	V 6	82-84
152143	CUMMINS	5.8	V352		352	V 6	
152143	CUMMINS	6.2	V378	V6	378	V 6	
152437	CASE	8.3	1370	BDT	504	L 6	
152437	CASE	8.3	2090	D	504	L 6	
152437	CASE	8.3	2290	BDT(2)	504	L 6	
152650	CUMMINS	14.0	NT SERIES		855	L 6	88-91
1532825	CHRYSLER	4.4	BELVEDERE		270	V 8	55-56
153542	MACK	7.8	477		477	L 6	
153542	SCANIA	0.0	477		0	L 6	
1544748	STUDEBAKER	2.8	No Model		170	L 6	55-60
1547738	STUDEBAKER	2.8	No Model		170	L 6	55-60
1549278	STUDEBAKER	2.8	No Model		170	L 6	55-60
1549471	STUDEBAKER	2.8	No Model		170	L 6	55-60
1550582	STUDEBAKER	2.8	No Model		170	L 6	55-60
1552948	CHRYSLER	4.0	HEMI	HEMI	241	V 8	53-55
1552948	CHRYSLER	4.3	No Model		265	L 6	52-68
1552948	CHRYSLER	4.4	BELVEDERE		270	V 8	55-56
1552948	CHRYSLER	4.5	BELVEDERE		277	V 8	56-57
1554132	CHRYSLER	4.0	HEMI	HEMI	241	V 8	53-55
1554132	CHRYSLER	4.3	No Model		265	L 6	52-68
1554132	CHRYSLER	4.4	BELVEDERE		270	V 8	55-56
1554132	CHRYSLER	4.5	BELVEDERE		277	V 8	56-57
1555758	CHRYSLER	5.4	No Model	331	331	V 8	54-56
1555758	CHRYSLER	5.4	No Model	CAR	331	V 8	51-54
1555758	CHRYSLER	5.4	RAMBLER	A/J	327	V 8	57-67
1556157	CHRYSLER	5.4	No Model	331	331	V 8	54-56
1556157	CHRYSLER	5.4	No Model	CAR	331	V 8	51-54
1556157	CHRYSLER	5.4	RAMBLER	A/J	327	V 8	57-67
1560959	STUDEBAKER	2.8	No Model		170	L 6	55-60
157163ASA	OLIVER	4.6	1650		283	L 6	
157399AS	OLIVER	4.3	1650		265	L 6	47-67

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
157399AS	OLIVER	4.6	1650		283	L 6	
157782	CUMMINS	7.7	PHASE 3	V8	470	V 8	
157782	CUMMINS	7.7	PHASE 4&5		470	V 8	
157782	CUMMINS	8.3	V-504	504	504	V 8	
158	GM	7.8	No Model		478	V 6	65-77
158792	OLIVER	5.1	VRD310		310	L 6	
158792A	OLIVER	4.6	1650		283	L 6	
15M	CHRYSLER	2.0	COLT	MMC	122	L 4	75-88
15M	MITSUBISHI	2.0	GALANT	V	122	L 4	89-92
15M	MITSUBISHI	2.0	No Model		122	L 4	74-82
16	CHRYSLER	3.0	No Model	3	181	V 6	87-95
16	GM	6.6	No Model	P	400	V 8	72-75
16	GM	6.6	No Model	R	400	V 8	74-75
16	GM	6.6	No Model	S	400	V 8	75-75
16	GM	6.6	No Model	T	400	V 8	72-77
16	GM	6.6	No Model	Z	400	V 8	77-79
16	GM	6.9	BONNEVILLE	P	421	V 8	61-66
16	GM	7.0	No Model	P	428	V 8	67-69
16	MITSUBISHI	3.0	3000GT	C	181	V 6	91-92
16	MITSUBISHI	3.0	GALANT	S	181	V 6	88-92
16	MITSUBISHI	3.0	No Model	3	181	V 6	87-91
16, 62, 48, 216	GM	6.6	FIREBIRD	S	400	V 8	67-79
1600593	REO	2.8	OH170		170	L 6	
1600593	REO	5.4	OH170	OH170	331	L 6	57-67
1601624	REO	3.2	No Model		195	6	
1602493	GM	7.8	No Model		478	V 6	65-77
1602493	GM	8.2	No Model		500	V 8	70-73
1602493	GM	8.2	No Model	S	500	V 8	70-76
1602571	REO	3.0	No Model		186	L 6	
1609112	GM	7.0	No Model	S	425	V 8	77-79
1609112	GM	7.0	No Model	T	425	V 8	77-79
1609423	GM	7.0	No Model	S	425	V 8	77-79
1609423	GM	7.0	No Model	T	425	V 8	77-79
1609552	GM	8.2	No Model	S	500	V 8	70-76
1611	HYUNDAI	1.6	ELANTRA	R	97	L 4	92-95
1613608	CHRYSLER	4.5	BELVEDERE		277	V 8	56-57
1615158	GM	6.0	No Model	6	368	V 8	80-84
1615158	GM	6.0	No Model	9	368	V 8	80-84
1615188	GM	6.0	No Model	6	368	V 8	80-84
1616608	CHRYSLER	4.5	BELVEDERE		277	V 8	56-57
1618721	CHRYSLER	4.5	BELVEDERE		277	V 8	56-57
1618910	GM	4.1	No Model	8	252	V 8	82-86
1619823	CHRYSLER	5.8	CHRYSLER 300B	1	354	V 8	56-56
162122AS	OLIVER	3.8	1550	D	232	L 6	
1626191	GM	4.1	ELDORADO	8	252	V 8	87
1626191	GM	4.1	No Model	7	252	V 8	87-88
1626191	GM	4.1	No Model	8	252	V 8	82-86
1626694	GM	4.1	No Model	8	252	V 8	82-86
1626918	GM	4.5	No Model	5	272	V 8	88
1626918	GM	4.5	No Model	8	272	V 8	88-89
1628556	GM	4.1	ELDORADO	8	252	V 8	87
1628556	GM	4.1	No Model	7	252	V 8	87-88
1628556	GM	4.1	No Model	8	252	V 8	82-86
1628558	GM	4.1	ELDORADO	8	252	V 8	87
1628558	GM	4.1	No Model	7	252	V 8	87-88
1628558	GM	4.1	No Model	8	252	V 8	82-86
1629091	GM	4.5	No Model	8	272	V 8	88-89

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
163	MINI	0.0	No Model		0	4	
1630029	CHRYSLER	5.2	No Model	315	315	V 8	55-57
1631	HINO	6.5	HO6		396	L 6	85-96
1632099	CHRYSLER	5.3	No Model	325	325	V 8	55-57
1632099-2	CHRYSLER	5.2	No Model	315	315	V 8	55-57
1632099-4	CHRYSLER	5.2	No Model	315	315	V 8	55-57
1632430	CHRYSLER	4.1	No Model		251	L 6	42-68
1632430	CHRYSLER	4.3	No Model		265	L 6	52-68
1632693	GM	4.1	No Model	8	252	V 8	82-86
1632693	GM	4.5	No Model	5	272	V 8	88
1632693	GM	4.5	No Model	8	272	V 8	88-89
1634864	CHRYSLER	5.4	No Model	331	331	V 8	54-56
1634864	CHRYSLER	5.4	No Model	CAR	331	V 8	51-54
1634864	CHRYSLER	5.4	RAMBLER	A/J	327	V 8	57-67
1635779	CHRYSLER	5.4	DESOTO	330	330	V 8	56
1635779	CHRYSLER	5.4	RAMBLER	A/J	327	V 8	57-67
1635779	CHRYSLER	5.6	DESOTO	A/J 2	341	V 8	56-57
1635779	CHRYSLER	5.6	No Model		340	V 8	68-73
1635779	CHRYSLER	5.7	DESOTO		345	V 8	-57
16423F	TOYOTA	4.4	11Z		267	L 6	88-94
164414R	NAVISTAR	3.9	BLACK DIAMOND		240	L 6	63-69
164414R	NAVISTAR	3.9	No Model	BG	241	L 6	57-67
164414R	NAVISTAR	4.3	400		264	L 6	63-74
164415R	NAVISTAR	3.6	No Model		220	L 6	50-62
164415R3	NAVISTAR	3.6	No Model		220	L 6	50-62
16444R	NAVISTAR	3.9	BLACK DIAMOND		240	L 6	63-69
1644614	GM	4.5	No Model	5	272	V 8	88
1645820	GM	4.5	No Model	3	272	V 8	90
1645820	GM	4.5	No Model	8	272	V 8	88-89
1645820	GM	4.9	No Model	B	300	V 8	91-95
1645820	GM	4.9	No Model	B	300	V 8	91-95
1647489	GM	4.6	NORTHSTAR	9	279	V 8	93-03
16A	NISSAN	1.7	SENTRA	CD17	102	L 4	83-87
16X	GM	7.5	No Model	P	455	V 8	70-76
16X	GM	7.5	No Model	W	455	V 8	71-76
17	GM	5.7	No Model	P	350	V 8	68-77
17	MITSUBISHI	1.5	MIRAGE	K	90	L 4	85-88
1700306	NAVISTAR	5.7	No Model		345	V 8	76-81
1700317C91	NAVISTAR	5.7	No Model		345	V 8	76-81
1700320C91	NAVISTAR	6.4	No Model		392	V 8	56-83
1700376	NAVISTAR	5.7	No Model		345	V 8	76-81
17029334	BMW	3.0	530I	M60	183	V 8	94-95
1704013	CUMMINS	1.7	A SERIES	A	105	L 3	
1704013	CUMMINS	2.3	A SERIES	A	140	L 4	
1704013	CUMMINS	2.3	L SERIES	L	140	L 4	
1704013	CUMMINS	3.4	No Model	A	210	L 6	
1704013	CUMMINS	3.4	No Model	A	210	L 6	
1704013	CUMMINS	3.4	No Model	T	210	L 6	
1704013	ONAN	2.3	L SERIES	L	140	L 4	
1704013	ONAN	3.4	L SERIES		210	L 6	
1704013	ONAN	3.4	L SERIES	TURBO	210	L 6	
1704395	CUMMINS	3.4	No Model	A	210	L 6	
1704395	ONAN	3.4	L SERIES		210	L 6	
1705885	BMW	2.5	325I		152	L 6	87-90
1708843	BMW	3.4	535I	M30B	209	L 6	87-93
17127889	BMW	5.0	750	M70	304	V 12	88-92
1721464	BMW	1.8	318I		110	L 4	91-95

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
1729311	BMW	4.0	540I	M60	242	V 8	94-95
1729314	BMW	4.0	540I	M60	242	V 8	94-95
1729903	REO	6.6	OH200		400	L 6	66-70
1729903	REO	6.6	OH200	OH200	400	L 6	61-67
1730438	CHRYSLER	6.4	HEMI		392	V 8	57-58
1731523	CHRYSLER	6.4	HEMI		392	V 8	57-58
1731528	CHRYSLER	6.4	HEMI		392	V 8	57-58
1731528-2	CHRYSLER	6.4	HEMI		392	V 8	57-58
1732610	CHRYSLER	5.4	RAMBLER	A/J	327	V 8	57-67
1733463	CHRYSLER	5.8	CHRYSLER 300B	1	354	V 8	56-56
1733463	CHRYSLER	5.8	No Model		354	V 8	56-58
1733843	CHRYSLER	5.8	CHRYSLER 300B	1	354	V 8	56-56
1733843	CHRYSLER	5.8	No Model		354	V 8	56-58
1735282	CHRYSLER	5.8	CHRYSLER 300B	1	354	V 8	56-56
1735282	CHRYSLER	5.8	No Model		354	V 8	56-58
1735282	CHRYSLER	6.4	HEMI		392	V 8	57-58
1737622	CHRYSLER	5.9	No Model	TRK	361	V 8	57-78
1737622	CHRYSLER	6.3	No Model		383	V 8	59-71
1737625	CHRYSLER	5.9	No Model	TRK	361	V 8	57-78
1737625	CHRYSLER	6.3	No Model		383	V 8	59-71
1737635	CHRYSLER	5.7	No Model		350	V 8	68-71
1737635	CHRYSLER	5.9	No Model		361	V 8	80-81
1737635	CHRYSLER	5.9	No Model	TRK	361	V 8	57-78
1737635	CHRYSLER	6.3	No Model		383	V 8	59-71
1737637	CHRYSLER	5.9	No Model		361	V 8	80-81
1738400	BMW	2.5	325I	M50	152	L 6	91-95
1739429	CHRYSLER	5.3	No Model	325	325	V 8	55-57
1742449	GM	6.4	No Model		390	V 8	59-62
17A	TOYOTA	2.6	No Model	4M	156	L 6	73-79
17-F	NISSAN	2.0	200SX	H	120	L 4	84-86
18	TOYOTA	2.0	CAMRY	3SFE	122	L 4	86-91
1800106020	MERCEDES BENZ	2.2	220	180	140	L 6	64-69
1800162901	MERCEDES BENZ	2.2	220	180	140	L 6	64-69
1800162901	MERCEDES BENZ	2.3	230	180	140	L 6	64-69
180100	CUMMINS	14.8	V903		903	V 8	
180102	CUMMINS	14.8	V903		903	V 8	
180502A	WAUKESHA	4.3	190GL		265	L 6	
180502B	WAUKESHA	4.3	190GL		265	L 6	
1805296	FORD	6.9	No Model	1	420	V 8	83-88
1805296	NAVISTAR	6.9	No Model	D	420	V 8	83-88
1805296C	FORD	6.9	No Model	1	420	V 8	83-88
1805296C1	FORD	6.9	No Model	1	420	V 8	83-88
1805296C1	NAVISTAR	6.9	No Model	D	420	V 8	83-88
1805296C4	FORD	6.9	No Model	1	420	V 8	83-88
1805296C4	NAVISTAR	6.9	No Model	D	420	V 8	83-88
1805420C1	FORD	6.9	No Model	1	420	V 8	83-88
1805420C1	NAVISTAR	6.9	No Model	D	420	V 8	83-88
1805855	FORD	6.9	No Model	1	420	V 8	83-88
1805855	NAVISTAR	6.9	No Model	D	420	V 8	83-88
1805855C1	FORD	6.9	No Model	1	420	V 8	83-88
1805855C1	NAVISTAR	6.9	No Model	D	420	V 8	83-88
1805855C2	FORD	6.9	No Model	1	420	V 8	83-88
1805855C2	NAVISTAR	6.9	No Model	D	420	V 8	83-88
180602	WAUKESHA	2.5	155	G	155	L 4	
180602	WAUKESHA	2.9	176	G	176	L 4	
1808030-C1	NAVISTAR	7.3	No Model	D	444	V 8	88-94
1809030	FORD	7.3	No Model	K	444	V 8	94-95

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
1809030	FORD	7.3	No Model	M	444	V 8	88-94
1809030	NAVISTAR	7.3	No Model	D	444	V 8	88-94
1809030C1	FORD	7.3	No Model	K	444	V 8	94-95
1809030C1	FORD	7.3	No Model	M	444	V 8	88-94
1809030C1	NAVISTAR	7.3	No Model	D	444	V 8	88-94
1809030C3	FORD	7.3	No Model	M	444	V 8	88-94
1809030C3	NAVISTAR	7.3	No Model	D	444	V 8	88-94
1809032C93	FORD	7.3	No Model	M	444	V 8	88-94
1809032C93	NAVISTAR	7.3	No Model	D	444	V 8	88-94
1809199	FORD	6.9	No Model	1	420	V 8	83-88
1809199	NAVISTAR	6.9	No Model	D	420	V 8	83-88
1809199C1	FORD	6.9	No Model	1	420	V 8	83-88
1809199C1	NAVISTAR	6.9	No Model	D	420	V 8	83-88
1809215	FORD	6.9	No Model	1	420	V 8	83-88
1809215	NAVISTAR	6.9	No Model	D	420	V 8	83-88
1809215C1	FORD	6.9	No Model	1	420	V 8	83-88
1809215C1	NAVISTAR	6.9	No Model	D	420	V 8	83-88
18097502	NAVISTAR	5.9	DT360	DT	360	L 6	87-94
1809954C1	NAVISTAR	5.9	DT360	DT	360	L 6	87-94
1810075C2	NAVISTAR	5.9	DT360	DT	360	L 6	87-94
1810075C-2B16UD	NAVISTAR	5.9	766	D(1)	360	L 6	
181502 BA6	WAUKESHA	2.5	155		155	L 4	
1818303C2	FORD	7.3	No Model	F	444	V 8	95-05
1818303C2	NAVISTAR	7.3	T444E	T444E	444	V 8	94-04
1818504C4	NAVISTAR	6.7	DT408	408	408	L 6	93-96
1819609C91	FORD	7.3	No Model	K	444	V 8	94-95
1821727C92	FORD	7.3	No Model	F	444	V 8	95-05
1822363C1	NAVISTAR	7.6	DT466		466	L 6	94-96
1822363C10	NAVISTAR	7.6	DT466		466	L 6	94-96
1823914 C2	NAVISTAR	7.6	DT466E		466	L 6	00-04
1823914 C2	NAVISTAR	7.6	DT466E	E	466	L 6	97-99
182391402	GM	3.8	No Model	K	231	V 6	95-04
1823914C1	DDC	8.7	40 SERIES		530	L 6	98-02
1823914C1	NAVISTAR	8.7	530	E	530	L 6	97-04
1823914C2	NAVISTAR	8.7	530	E	530	L 6	97-04
182394C1	NAVISTAR	7.6	DT466E		466	L 6	00-04
1825113C1	FORD	7.3	No Model	F	444	V 8	95-05
1826000	GM	4.8	No Model	T	292	L 6	63-73
1826000	GM	4.8	No Model	T	292	L 6	74-77
1826000	GM	4.8	No Model	T	292	L 6	78-90
1827113-C1	NAVISTAR	7.6	DT466E	E	466	L 6	97-99
1827711	CHRYSLER	5.2	No Model	315	315	V 8	55-57
1827711	CHRYSLER	5.3	No Model	325	325	V 8	55-57
1828129	CHRYSLER	5.2	No Model	315	315	V 8	55-57
1833450	GM	3.8	No Model	L	230	L 6	63-70
1833450	GM	4.8	No Model	T	292	L 6	63-73
184224203	NAVISTAR	7.6	DT466E		466	L 6	00-04
1843030C1	FORD	6.0	TRUCK	P	365	V 8	02-05
1843030C1	NAVISTAR	4.5	V-275		275	V 6	05-06
1843030C1	NAVISTAR	6.0	V365		365	V 8	03-05
1843080C1	FORD	6.0	TRUCK	P	365	V 8	02-05
1843080C1	NAVISTAR	6.0	V365		365	V 8	03-05
1844705	CHRYSLER	5.7	No Model		350	V 8	68-71
1844705	CHRYSLER	5.9	No Model		361	V 8	80-81
1844705	CHRYSLER	5.9	No Model	TRK	361	V 8	57-78
185	AUSTIN	0.9	No Model		57	L 4	59-67
185	JOHN DEERE	5.0	630		303	L 2	56-60

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
1851509	CHRYSLER	5.9	No Model		361	V 8	80-81
1851509	CHRYSLER	5.9	No Model	TRK	361	V 8	57-78
1851509	CHRYSLER	6.3	No Model		383	V 8	59-71
1851509	CHRYSLER	6.8	No Model		413	V 8	59-77
1851524	CHRYSLER	5.9	No Model		361	V 8	80-81
1851524	CHRYSLER	5.9	No Model	TRK	361	V 8	57-78
1851524	CHRYSLER	6.3	No Model		383	V 8	59-71
1851524	CHRYSLER	6.8	No Model		413	V 8	59-76
1851524	CHRYSLER	6.8	No Model		413	V 8	59-77
185402	OLIVER	3.5	77KD		216	L 6	55-67
185502A	OLIVER	3.5	770	G	216	L 6	55-67
185502B	WAUKESHA	3.8	VRD232		232	L 6	
185502-B	WAUKESHA	3.8	VRG232		232	L 6	
186302	WAUKESHA	10.5	145HS		638	L 6	
186302B	OLIVER	3.5	77KD		216	L 6	55-67
186402	OLIVER	3.5	770	G	216	L 6	55-67
186402	OLIVER	3.5	77KD		216	L 6	55-67
186402B	OLIVER	3.5	77KD		216	L 6	55-67
186402K	OLIVER	3.8	1550	D	232	L 6	
187	GM	6.6	FIREBIRD	S	400	V 8	67-79
187	GM	6.6	No Model	Z	400	V 8	77-79
187	GM	6.9	BONNEVILLE	P	421	V 8	61-66
187	GM	7.0	No Model	P	428	V 8	67-69
18M	TOYOTA	1.6	COROLLA	4A-LC	97	L 4	87-88
190002C	WAUKESHA	3.8	VRD232		232	L 6	
1900-072	OPEL	1.9	No Model	N	116	L 4	67-75
190302E	WAUKESHA	4.3	190GLC		265	L 6	
191	GM	7.5	No Model	P	455	V 8	70-76
191	GM	7.5	No Model	W	455	V 8	71-76
191	GM	7.5	No Model	X & Y	455	V 8	71-76
191	GM	7.5	No Model	X & Y	455	V 8	71-76
191002	WAUKESHA	4.3	VRD		265	L 6	62-64
1911861	CHRYSLER	1.7	No Model	C	105	L 4	66-70
191202	OLIVER	3.8	1550	D	232	L 6	
19122	WAUKESHA	4.3	190DLC		265	L 6	
192002	OLIVER	3.8	1550	D	232	L 6	
192002	OLIVER	4.3	1650		265	L 6	47-67
192002A	OLIVER	3.8	1550	D	232	L 6	
192002B	OLIVER	3.8	1550	D	232	L 6	
192002B	OLIVER	4.3	1650		265	L 6	47-67
192002G	OLIVER	4.3	1650		265	L 6	47-67
192202	OLIVER	4.3	1650		265	L 6	47-67
192202B	WAUKESHA	4.3	VRD		265	L 6	62-64
1944705	CHRYSLER	5.9	No Model		361	V 8	80-81
1944705	CHRYSLER	5.9	No Model	TRK	361	V 8	57-78
1944705	CHRYSLER	6.8	No Model		413	V 8	59-77
195002	WAUKESHA	5.2	195GK		320	L 6	
195002	WAUKESHA	5.2	195GKA		320	L 6	
19502L	WAUKESHA	5.2	195GKU		320	L 6	
195102	WAUKESHA	5.2	195GK		320	L 6	
195102	WAUKESHA	5.2	195GKA		320	L 6	
1951506	CHRYSLER	6.8	No Model		413	V 8	59-76
195202	WAUKESHA	5.0	195GL		302	L 6	
195202	WAUKESHA	5.0	195GLC		302	L 6	
195202	WAUKESHA	5.2	195GK		320	L 6	
195202	WAUKESHA	5.2	195GKA		320	L 6	
196063927	HINO	6.4	EH700		393	L 6	

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
196063927	HINO	6.7	HO7		411	L 6	84-90
196502	WAUKESHA	5.2	195GK		320	L 6	
196502	WAUKESHA	5.2	195GKA		320	L 6	
196502A	WAUKESHA	5.0	195DLC		302	L 6	
196502A	WAUKESHA	5.2	195GK		320	L 6	
196502A	WAUKESHA	5.2	195GKA		320	L 6	
197202	WAUKESHA	5.0	195GL		302	L 6	
197202	WAUKESHA	5.0	195GLC		302	L 6	
198	GM	6.5	No Model		396	V 8	65-72
1981161	CHRYSLER	1.7	No Model	C	105	L 4	66-70
199697	STUDEBAKER	2.8	No Model		170	L 6	55-60
19N	CHRYSLER	3.0	No Model	3	181	V 6	87-95
19N	CHRYSLER	3.0	No Model	3	181	V 6	96-99
1BA	FORD	3.9	No Model		239	V 8	46-53
1F2910	CATERPILLAR	13.6	7000		831	L 4	
1F6972	CATERPILLAR	13.6	7700		831	L 4	
1F7196	CATERPILLAR	20.4	13000		1246	L 6	
1F7196	CATERPILLAR	20.4	D342	3	1246	L 6	
1F7196	CATERPILLAR	20.4	D8	1	1246	L 6	
1F7196	CATERPILLAR	20.4	D8	2	1246	L 6	
1F7196	CATERPILLAR	20.4	D8	4	1246	L 6	
1F7206	CATERPILLAR	20.4	13000		1246	L 6	
1F7206	CATERPILLAR	20.4	D342	3	1246	L 6	
1F7206	CATERPILLAR	20.4	D8	1	1246	L 6	
1F7206	CATERPILLAR	20.4	D8	2	1246	L 6	
1F7206	CATERPILLAR	20.4	D8	4	1246	L 6	
1F9672	CATERPILLAR	13.6	7700		831	L 4	
1F9672	CATERPILLAR	13.6	D339	1	831	L 4	
1F9672	CATERPILLAR	13.6	D339	2	831	L 4	
1F9672	CATERPILLAR	13.6	D339	3	831	L 4	
1F9672	CATERPILLAR	13.6	D339	4	831	L 4	
1F9672	CATERPILLAR	13.6	D339	5	831	L 4	
1F9672	CATERPILLAR	13.6	D7	1	831	L 4	
1F9672	CATERPILLAR	13.6	D7	2	831	L 4	
1H967	MG	1.5	No Model	C	91	L 4	54-59
1H967	MG	1.6	MARK I		99	L 4	60-61
1H967AF1	MG	1.5	No Model	C	91	L 4	54-59
1HA	FORD	3.7	No Model		226	L 6	47-52
1HA	FORD	3.7	No Model	1	226	L 6	41-47
1L2E-D22D	FORD	4.6	No Model	W, X	281	V 8	91-05
1M2960	CATERPILLAR	13.6	7700		831	L 4	
1M2960	CATERPILLAR	13.6	D339	1	831	L 4	
1M2960	CATERPILLAR	13.6	D339	2	831	L 4	
1M2960	CATERPILLAR	13.6	D339	3	831	L 4	
1M2960	CATERPILLAR	13.6	D339	4	831	L 4	
1M2960	CATERPILLAR	13.6	D339	5	831	L 4	
1M2960	CATERPILLAR	13.6	D7	1	831	L 4	
1M2960	CATERPILLAR	13.6	D7	2	831	L 4	
1M2967	CATERPILLAR	5.7	D330	CB	350	L 4	
1M2967	CATERPILLAR	5.7	D330	D4	350	L 4	
1M2967	CATERPILLAR	7.0	D330C	CB	425	L 4	
1M2967	CATERPILLAR	7.0	D330C	SP	425	L 4	
1M30	CATERPILLAR	8.6	D333	CB	525	L 6	
1M30	CATERPILLAR	10.5	1673C	CB	638	L 6	
1M838	CATERPILLAR	12.2	D326		744	L 6	
1M838	CATERPILLAR	12.2	D337		744	L 6	
1N8479	CATERPILLAR	39.0	D349		2382	V 16	

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
1P4302	CATERPILLAR	10.5	1673C	CB	638	L 6	
1P4303	CATERPILLAR	10.5	1673C	CB	638	L 6	
1P6368	CATERPILLAR	10.5	1673C	CB	638	L 6	
1P6369	CATERPILLAR	10.5	1673C	CB	638	L 6	
1P6370	CATERPILLAR	10.5	1673C	CB	638	L 6	
1S1600	CATERPILLAR	10.5	1673C	CB	638	L 6	
1W1506	CATERPILLAR	14.6	3406		893	L 6	
1W1506	CATERPILLAR	14.6	3406	B	893	L 6	
1W1506	CATERPILLAR	14.6	3406	SP	893	L 6	
1W1587	CATERPILLAR	5.2	3204	PC	318	L 4	
1W1587	CATERPILLAR	8.6	1140		522	V 8	
1W1587	CATERPILLAR	8.6	1145		522	V 8	
1W1587	CATERPILLAR	8.6	3140		522	V 8	
1W1587	CATERPILLAR	8.6	3145		522	V 8	
1W1587	CATERPILLAR	9.4	1150		573	V 8	
1W1587	CATERPILLAR	10.4	1160		636	V 8	
1W1587	CATERPILLAR	10.4	3150		636	V 8	
1W1587	CATERPILLAR	10.4	3160		636	V 8	
1W1587	CATERPILLAR	10.4	3208	1	636	V 8	
1W1587	CATERPILLAR	10.4	3208	2	636	V 8	
1W1587	CATERPILLAR	10.4	3208	TURBO	636	V 8	87-92
1W5320	CATERPILLAR	10.5	3306	SP	638	L 6	
1W556	CATERPILLAR	10.5	3306	DI	638	L 6	
1W556	CATERPILLAR	10.5	3306	SP	638	L 6	
1W5560	CATERPILLAR	10.5	3306	SP	638	L 6	
2.0/2.4	HYUNDAI	2.4	SONATA	S	143	L 4	99-05
2.4	TOYOTA	2.4	PREVIA	2TZFE	146	L 4	91-97
200	CHRYSLER	5.9	No Model		361	V 8	80-81
200	CHRYSLER	5.9	No Model	TRK	361	V 8	57-78
200	CHRYSLER	6.3	No Model		383	V 8	59-71
200	CHRYSLER	6.8	No Model		413	V 8	59-77
200002	WAUKESHA	94.9	VLRD		5788	V 12	
200602	WAUKESHA	47.4	LRO		2894	L 6	
20205	HERCULES	2.7	G1600	F	163	L 4	
20265	HERCULES	2.7	G1600	F	163	L 4	
2027594	CHRYSLER	5.9	No Model		361	V 8	80-81
2027596	CHRYSLER	5.9	No Model		361	V 8	80-81
2027596	CHRYSLER	5.9	No Model	F	360	V 8	77-79
2027596	CHRYSLER	5.9	No Model	F	360	V 8	80
204102	WAUKESHA	47.4	VHP DIESEL	EARLY	2894	L 6	
204502A	WAUKESHA	83.6	L-5100-G		5100	V 12	
204502A	WAUKESHA	94.9	L5790		5788	V 12	
204502A	WAUKESHA	115.4	L7042		7041	V 12	
205015	CUMMINS	12.2	NH 220 SERIES	NH	743	L 6	
205015	CUMMINS	14.0	88NT	FFC	855	L 6	87-89
205015	CUMMINS	14.0	NH230	NH	855	L 6	
205015	CUMMINS	14.0	NT SERIES		855	L 6	88-91
205015	CUMMINS	14.0	NT855	NT	855	L 6	
205015	CUMMINS	18.8	K SERIES		1150	L 6	
205015	CUMMINS	18.8	KTA	KTA	1150	L 6	
205015	CUMMINS	38.0	KT SERIES		2300	V 12	
206	GM	6.0	No Model	B	366	V 8	68-90
206	GM	6.5	No Model		396	V 8	65-72
206	GM	7.0	No Model	L	427	V 8	66-90
208	GM	6.0	No Model	B	366	V 8	68-90
208	GM	6.5	No Model		396	V 8	65-72
208	GM	7.0	No Model	L	427	V 8	66-90

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
2084	CASE	3.1	530	G	188	L 4	
208730	CHRYSLER	2.2	No Model	A/J	134	L 4	42-71
208730	HENRY	2.2	No Model		134	L 4	51-53
208730	HENRY	2.2	No Model		134	L 4	53-71
208730	JEEP	2.2	No Model		134	L 4	53-71
20909	CATERPILLAR	6.4	3066		390	L 6	
2092	GM	5.3	No Model	P	326	V 8	63-67
2093	GM	5.3	No Model	P	326	V 8	63-67
2094	GM	5.3	No Model	P	326	V 8	63-67
21000713	GM	1.9	SATURN	8	116	L 4	93-02
21000713	GM	1.9	SATURN	9	116	L 4	90-94
21006469	GM	1.9	SATURN	7	116	L 4	90-02
21006649	GM	1.9	SATURN	8	116	L 4	93-02
21006649	GM	1.9	SATURN	9	116	L 4	90-94
21006937	GM	1.9	SATURN	7	116	L 4	90-02
2121476	CHRYSLER	2.8	BARRACUDA		170	L 6	60-71
2121476	CHRYSLER	3.7	No Model		225	L 6	76-87
212476	CHRYSLER	3.7	No Model		225	L 6	76-87
2128513	CHRYSLER	6.8	No Model		413	V 8	59-77
2128521	CHRYSLER	5.9	No Model		361	V 8	80-81
2128521	CHRYSLER	5.9	No Model	TRK	361	V 8	57-78
2128521	CHRYSLER	6.3	No Model		383	V 8	59-71
2128521	CHRYSLER	6.8	No Model		413	V 8	59-76
2128521	CHRYSLER	6.8	No Model		413	V 8	59-77
2128522	CHRYSLER	5.9	No Model		361	V 8	80-81
2128522	CHRYSLER	5.9	No Model	TRK	361	V 8	57-78
2128522	CHRYSLER	6.3	No Model		383	V 8	59-71
2128522	CHRYSLER	6.8	No Model		413	V 8	59-77
2128654	CHRYSLER	2.8	BARRACUDA		170	L 6	60-71
2128654	CHRYSLER	3.2	No Model	B	198	L 6	74-74
2128654	CHRYSLER	3.7	No Model		225	L 6	76-87
2128654	CHRYSLER	3.7	No Model	B	225	L 6	69-80
2128654	CHRYSLER	3.7	No Model	C	225	L 6	60-80
213153	MACK	7.8	475		475	L 6	
21353	MACK	7.8	477		477	L 6	
21353	SCANIA	0.0	477		0	L 6	
2135412	GM	4.4	No Model		270	L 6	45-62
2136	GM	3.3	No Model	N	204	V 6	89-93
2136	GM	3.8	No Model	1	231	V 6	92-94
2136	GM	3.8	No Model	1	231	V 6	95-05
2136	GM	3.8	No Model	K	231	V 6	95-04
2136	GM	3.8	No Model	L	231	V 6	91-94
2136	GM	3.8	No Model	L	231	V 6	95-01
2136477	GM	3.7	TRUCK		228	L 6	39-51
2136477	GM	3.9	No Model		235	L 6	49-62
2136477	GM	4.0	No Model		248	L 8	37-55
2136477	GM	4.1	No Model		256	L 6	54-56
2136477	GM	4.4	No Model		270	L 6	45-62
214816R91	NAVISTAR	0.8	No Model		55	L 4	
215	GM	6.0	No Model	B	366	V 8	68-90
215	GM	6.5	No Model		396	V 8	65-72
215	GM	6.6	No Model	M	400	V 8	75-76
215	GM	6.6	No Model	R	400	V 8	77-80
215	GM	6.6	No Model	X	400	V 8	79-80
215	GM	7.0	No Model	L	427	V 8	66-90
215	GM	7.4	No Model	Z	454	V 8	70-75
215591R	NAVISTAR	5.0	304A		304	V 8	58-80

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
215591R1	NAVISTAR	5.0	304A		304	V 8	58-80
215591R91	NAVISTAR	2.5	No Model		152	L 4	61-68
215591R91	NAVISTAR	5.0	304A		304	V 8	58-80
215592R91	NAVISTAR	5.0	304A		304	V 8	58-80
215726	NAVISTAR	5.9	No Model		361	L 6	49-69
215726	NAVISTAR	6.1	WD-9		372	L 6	49-69
215726	NAVISTAR	6.6	WD-9		401	L 6	49-69
215726	NAVISTAR	6.7	WD-9		406	L 6	49-69
215726	NAVISTAR	7.4	WD-9		450	L 6	49-69
215726	NAVISTAR	8.2	No Model		501	L 6	49-69
215726C-1	NAVISTAR	5.2	RED-318		318	L 6	
215726C-1	NAVISTAR	5.2	RED-318		318	L 6	
215726C-1	NAVISTAR	6.1	WD-9		372	L 6	49-69
215726C-1	NAVISTAR	7.4	WD-9		450	L 6	49-69
215726C-1	NAVISTAR	8.2	No Model		501	L 6	49-69
215726R	NAVISTAR	5.9	No Model		361	L 6	49-69
215726R	NAVISTAR	6.1	WD-9		372	L 6	49-69
215726R	NAVISTAR	6.6	WD-9		401	L 6	49-69
215726R	NAVISTAR	6.7	WD-9		406	L 6	49-69
215726R	NAVISTAR	7.4	WD-9		450	L 6	49-69
215726R	NAVISTAR	8.2	No Model		501	L 6	49-69
216	AUSTIN	0.9	No Model		57	L 4	59-67
216002	WAUKESHA	3.6	220	VR	220	L 4	
216102	WAUKESHA	3.6	220	VR(1)	220	L 4	
216358R1	NAVISTAR	2.5	No Model		152	L 4	61-68
216363	NAVISTAR	5.7	No Model		345	V 8	76-81
216363R	NAVISTAR	4.3	400		264	L 6	63-74
216363R	NAVISTAR	5.7	No Model		345	V 8	76-81
216364	NAVISTAR	4.3	No Model	266	266	V 8	66-71
216364	NAVISTAR	4.4	U, B, BD		269	L 6	40-69
216364R	NAVISTAR	4.4	U, B, BD		269	L 6	40-69
216365	NAVISTAR	3.2	No Model		199	L 6	64-67
216365	NAVISTAR	6.4	No Model		392	V 8	56-83
216368	NAVISTAR	2.5	No Model		152	L 4	61-68
216368	NAVISTAR	4.3	400		264	L 6	63-74
216368	NAVISTAR	5.0	304A		304	V 8	58-80
216368R	NAVISTAR	4.3	400		264	L 6	63-74
216368R	NAVISTAR	5.0	304A		304	V 8	58-80
217102	WAUKESHA	5.4	VRG330		330	L 6	
2176954	GM	3.0	No Model	IND	181	L 4	74-93
2176954	MERCURISER	3.0	No Model	IND	181	L 4	74-93
218365R	NAVISTAR	3.2	No Model		199	L 6	64-67
218365R	NAVISTAR	6.4	No Model		392	V 8	56-83
218399	CUMMINS	14.8	V903		903	V 8	
2193417	GM	4.4	No Model		270	L 6	45-62
2193983	GM	5.0	No Model	GMC	302	L 6	50-57
2194819	GM	3.7	TRUCK		228	L 6	39-51
2194819	GM	4.0	No Model		248	L 8	37-55
2194819	GM	4.1	No Model		256	L 6	54-56
2194819	GM	4.4	No Model		270	L 6	45-62
22	GM	5.3	No Model	P	326	V 8	63-67
22	TOYOTA	1.5	COROLLA	5E-FE	89	L 4	91-99
220002A	WAUKESHA	2.5	155	G	155	L 4	
220002A	WAUKESHA	2.5	155	GA	155	L 4	
220002A	WAUKESHA	2.5	VRG155		155	L 4	
220002A	WAUKESHA	2.9	176	G	176	L 4	
2202594	CHRYSLER	5.9	No Model		361	V 8	80-81

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
2202594	CHRYSLER	5.9	No Model	U	360	V 8	81-82
2202952	CHRYSLER	2.8	BARRACUDA		170	L 6	60-71
2202952	CHRYSLER	3.2	No Model	B	198	L 6	74-74
2202952	CHRYSLER	3.7	No Model		225	L 6	76-87
2202952	CHRYSLER	3.7	No Model	B	225	L 6	69-80
2202952	CHRYSLER	3.7	No Model	C	225	L 6	60-80
2205035	CHRYSLER	2.8	BARRACUDA		170	L 6	60-71
2205035	CHRYSLER	3.7	No Model		225	L 6	76-87
2205594	CHRYSLER	6.8	No Model		413	V 8	59-77
2205700	CHRYSLER	5.4	RAMBLER	A/J	327	V 8	57-67
2206035	CHRYSLER	2.8	BARRACUDA		170	L 6	60-71
2206035	CHRYSLER	3.2	No Model	B	198	L 6	74-74
2206035	CHRYSLER	3.7	No Model		225	L 6	76-87
2206035	CHRYSLER	3.7	No Model	B	225	L 6	69-80
2206035	CHRYSLER	3.7	No Model	C	225	L 6	60-80
2206324	CHRYSLER	5.9	No Model		361	V 8	80-81
2206324	CHRYSLER	5.9	No Model	TRK	361	V 8	57-78
2206324	CHRYSLER	6.3	No Model		383	V 8	59-71
2206324	CHRYSLER	6.6	No Model	N	400	V 8	72-78
2206324	CHRYSLER	6.8	No Model		413	V 8	59-76
2206324	CHRYSLER	6.8	No Model		413	V 8	59-77
2206924	CHRYSLER	5.9	No Model	TRK	361	V 8	57-78
2206924	CHRYSLER	6.3	No Model		383	V 8	59-71
2206924	CHRYSLER	6.8	No Model		413	V 8	59-76
22102	OLIVER	5.1	VRD310		310	L 6	
221902	OLIVER	4.6	1650		283	L 6	
221902	OLIVER	5.1	VRD310		310	L 6	
222	NISSAN	2.0	U20		121	L 4	67-70
22202	OLIVER	4.6	1650		283	L 6	
2228	GM	4.3	No Model	T	260	V 6	82-85
2228	GM	4.3	No Model	V	260	V 6	82-85
223202	OLIVER	5.1	VRD310		310	L 6	
223202	WAUKESHA	4.6	VRD283		283	L 6	
223202	WAUKESHA	5.1	VRD310		310	L 6	
223202	WAUKESHA	5.1	VRG310		310	L 6	
223202	WHITE	4.6	2-70		283	L 6	
223A5001	MASSEY FERGUSON	4.0	MF85		242	L 4	
224	TOYOTA	2.4	No Model	22R	144	L 4	81-84
224547	CHRYSLER	6.8	No Model		413	V 8	59-76
22495HD	NAVISTAR	4.4	U, B, BD		269	L 6	40-69
22505236	GM	5.7	No Model	X	350	V 8	77-80
22505238	GM	5.7	No Model	H	350	V 8	68-74
22505238	GM	5.7	No Model	H	350	V 8	73-77
22505238	GM	5.7	No Model	J	350	V 8	75-77
2251172R2	NAVISTAR	2.0	SUPER C		123	L 4	
22512007	GM	4.3	No Model	V	260	V 6	82-85
225123201	GM	4.3	No Model	V	260	V 6	82-85
22519898	GM	4.3	No Model	T	260	V 6	82-85
22519898	GM	4.3	No Model	V	260	V 6	82-85
22520039	GM	4.3	No Model	T	260	V 6	82-85
22520039	GM	4.3	No Model	V	260	V 6	82-85
22521754	GM	4.3	No Model	8	260	V 8	75-76
22521754	GM	4.3	No Model	T	260	V 6	82-85
22521754	GM	4.3	No Model	V	260	V 6	82-85
22523201	GM	4.3	No Model	T	260	V 6	82-85
22527579	GM	4.3	No Model	T	260	V 6	82-85
22527579	GM	4.3	No Model	V	260	V 6	82-85

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
22530955	GM	2.3	No Model	A	138	L 4	88-95
22530955	GM	2.3	No Model	D	138	L 4	88
22530955	GM	2.3	No Model	D	138	L 4	89-94
22538433	GM	2.3	No Model	A	138	L 4	88-95
22538433	GM	2.3	No Model	D	138	L 4	88
22538433	GM	2.3	No Model	D	138	L 4	89-94
22539068	GM	2.3	No Model	A	138	L 4	88-95
22539068	GM	2.3	No Model	D	138	L 4	89-94
22539086	GM	2.3	No Model	A	138	L 4	88-95
22539086	GM	2.3	No Model	D	138	L 4	88
22539086	GM	2.3	No Model	D	138	L 4	89-94
2258920	CHRYSLER	6.8	No Model		413	V 8	59-77
2261	GM	3.8	No Model	K	231	V 6	95-04
2264095	CHRYSLER	5.2	No Model	V	318	V 8	62-67
2264478	CHRYSLER	2.8	BARRACUDA		170	L 6	60-71
2264547	CHRYSLER	5.9	No Model		361	V 8	80-81
2264547	CHRYSLER	5.9	No Model	TRK	361	V 8	57-78
2264547	CHRYSLER	6.8	No Model		413	V 8	59-76
2264547	CHRYSLER	7.2	No Model		440	V 8	76-76
2268341	CHRYSLER	5.2	No Model	V	318	V 8	62-67
228202	OLIVER	5.1	VRD310		310	L 6	
228202	WAUKESHA	4.6	VRD283		283	L 6	
228202	WAUKESHA	5.1	VRD310		310	L 6	
228202	WAUKESHA	5.1	VRG310		310	L 6	
23010	TOYOTA	1.5	3P		89	L 4	
23020	TOYOTA	1.5	3P		89	L 4	
23020	TOYOTA	1.5	4P		91	L 4	
23021	TOYOTA	1.5	4P		91	L 4	
23022	TOYOTA	1.5	4P		91	L 4	
230342	GM	6.6	No Model	RO	400	V 8	68-69
230342	GM	7.0	No Model	O	425	V 8	65-67
230342	GM	7.5	No Model	S	455	V 8	74-76
230342	GM	7.5	No Model	T	455	V 8	74-76
230342	GM	7.5	No Model	U	455	V 8	74-74
230342	GM	7.5	No Model	V	455	V 8	74-74
230342	GM	7.5	No Model	W	455	V 8	72-75
230343	GM	6.6	No Model	RO	400	V 8	68-69
230369	GM	6.6	No Model	RO	400	V 8	68-69
231882	GM	4.3	No Model	8	260	V 8	75-76
231882	GM	4.3	No Model	F	260	V 8	75-76
232-42	FORD	2.0	PROBE	A	122	L 4	93-97
232-42	MAZDA	2.0	626,MR2	FS	122	L 4	93-02
2336645	GM	5.0	No Model	A	305	V 6	60-75
234	JOHN DEERE	3.6	2030	G	219	L 4	
234	JOHN DEERE	3.6	454	D	219	L 4	
23500471	DDC	8.2	FUEL PINCHER		500	V 8	
23500471	DDC	8.2	FUEL PINCHER	D	500	V 8	80-89
23500471	GM	8.2	No Model	F	500	V 8	80-91
23500471	GM	8.2	No Model	G	500	V 8	80-91
23511352	DDC	8.5	50 SERIES		518	L 4	92-05
2355707	GM	6.1	No Model	370	370	V 8	57-58
2366811	GM	5.8	No Model	C	351	V 6	65-72
2366811	GM	6.6	No Model	M	401	V 6	73-77
2366811	GM	7.8	No Model		478	V 6	65-77
2367198	GM	5.0	No Model	A	305	V 6	60-75
2367298	GM	5.0	No Model	A	305	V 6	60-75
2367299	GM	5.0	No Model	A	305	V 6	60-75

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
23774-190	MACK	5.5	MIDR 06.02.12		335	L 6	84-89
23M	GM	1.6	NOVA	4	97	L 4	85-88
24	CHRYSLER	3.0	No Model	3	181	V 6	87-95
24	HONDA	1.5	CIVIC	EW1	91	L 4	84-87
24	HONDA	1.5	CIVIC	EW3	91	L 4	85-86
24	HONDA	1.5	CIVIC	EW4	91	L 4	84-87
24	MITSUBISHI	3.0	3000GT	C	181	V 6	91-92
24	MITSUBISHI	3.0	GALANT	S	181	V 6	88-92
24	MITSUBISHI	3.0	No Model	3	181	V 6	87-91
24	TOYOTA	2.2	CELICA	20R	134	L 4	75-77
24	TOYOTA	2.2	CELICA	20R	134	L 4	78-80
2402286	CHRYSLER	5.9	No Model		361	V 8	80-81
2402286	CHRYSLER	5.9	No Model	TRK	361	V 8	57-78
2402286	CHRYSLER	6.3	No Model		383	V 8	59-71
2402286	CHRYSLER	6.8	No Model		413	V 8	59-76
2402286	CHRYSLER	6.8	No Model		413	V 8	59-77
2402286	CHRYSLER	7.2	No Model		440	V 8	76-76
2403	CHRYSLER	2.5	DAKOTA	P	150	L 4	91-02
2403	CHRYSLER	2.5	No Model	E	150	L 4	89-93
2403	CHRYSLER	2.5	No Model	H	150	L 4	86-88
2403	CHRYSLER	2.5	No Model	U	150	L 4	84-86
2405	CHRYSLER	2.5	No Model	U	150	L 4	84-86
2406158	CHRYSLER	7.2	No Model	T	440	V 8	66-73
2406209	CHRYSLER	7.0	WEDGE		426	V 8	65-66
2406314	CHRYSLER	6.8	No Model		413	V 8	59-77
2406324	CHRYSLER	6.8	No Model		413	V 8	59-77
2406516	CHRYSLER	5.9	No Model	TRK	361	V 8	57-78
2406516	CHRYSLER	6.3	No Model		383	V 8	59-71
2406516	CHRYSLER	6.8	No Model		413	V 8	59-76
2406516	CHRYSLER	6.8	No Model		413	V 8	59-77
2406516	CHRYSLER	7.0	HEMI	H J R	426	V 8	66-71
2406518	CHRYSLER	7.0	WEDGE		426	V 8	65-66
2406704	CHRYSLER	5.9	No Model		361	V 8	80-81
2406732	CHRYSLER	7.0	HEMI	H J R	426	V 8	66-71
2406736	CHRYSLER	7.0	HEMI	H J R	426	V 8	66-71
2406740	CHRYSLER	5.9	No Model		361	V 8	80-81
2406740	CHRYSLER	5.9	No Model	TRK	361	V 8	57-78
2406740	CHRYSLER	5.9	No Model	U	360	V 8	81-82
2406740	CHRYSLER	6.3	No Model		383	V 8	59-71
2406740	CHRYSLER	6.8	No Model		413	V 8	59-76
2406740	CHRYSLER	6.8	No Model		413	V 8	59-77
2406740	CHRYSLER	7.2	No Model		440	V 8	76-76
2406780	CHRYSLER	5.9	No Model	TRK	361	V 8	57-78
2406780	CHRYSLER	6.3	No Model		383	V 8	59-71
242	CHRYSLER	5.9	No Model	A/J	360	V 8	70-79
242	CHRYSLER	5.9	No Model	F	360	V 8	77-79
242	CHRYSLER	5.9	No Model	F	360	V 8	80
242	CHRYSLER	5.9	No Model	I	360	V 8	83-87
2421158	GM	5.8	No Model	C	351	V 6	65-72
2421158	GM	6.6	No Model	M	401	V 6	73-77
2421158	GM	7.8	No Model		478	V 6	65-77
243664	GM	5.8	No Model	C	351	V 6	65-72
2436645	GM	5.0	No Model	A	305	V 6	60-75
2436646	GM	5.8	No Model	C	351	V 6	65-72
2436646	GM	6.6	No Model	M	401	V 6	73-77
2436646	GM	7.8	No Model		478	V 6	65-77
2436647	GM	5.8	No Model	C	351	V 6	65-72

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
2436647	GM	6.6	No Model	M	401	V 6	73-77
2436647	GM	7.8	No Model		478	V 6	65-77
2436656	GM	6.6	No Model	M	401	V 6	73-77
2436656	GM	7.8	No Model		478	V 6	65-77
24454329	GM	2.2	CAVALIER	F	134	L 4	00-05
24454329	GM	2.2	SATURN	D	134	L 4	02-03
24500619	GM	3.3	No Model	N	204	V 6	89-93
24500619	GM	3.8	No Model	1	231	V 6	92-94
24500619	GM	3.8	No Model	C	231	V 6	88-91
24500619	GM	3.8	No Model	L	231	V 6	91-94
245-030	CATERPILLAR	12.5	C13		763	L 6	04-05
24503315	GM	2.2	CAVALIER	4	134	L 4	94-97
24503315	GM	2.2	CAVALIER	4	134	L 4	98-02
24503315	GM	3.4	CUTLASS	X	207	V 6	95-97
24503769	GM	3.1	No Model	J	191	V 6	00-03
24503769	GM	3.1	No Model	M	191	V 6	93-99
24503769	GM	3.4	CAMARO	S	207	V 6	93-95
24507487	GM	3.4	ALERO	M	207	V 6	99-00
24507487	GM	3.4	GRAND AM	E	204	V 6	96-04
2453482	GM	7.8	No Model		478	V 6	65-77
24570753	GM	2.3	No Model	A	138	L 4	88-95
24570753	GM	2.3	No Model	D	138	L 4	89-94
24573087	GM	2.3	ACHIEVA	3	138	L 4	92-95
24573302	GM	2.3	ACHIEVA	3	138	L 4	92-95
24573303	GM	2.3	No Model	A	138	L 4	88-95
24574468	GM	2.3	ACHIEVA	3	138	L 4	92-95
24574683-18	GM	2.4	ACHIEVA	T	146	L 4	96-02
24575456	GM	2.3	No Model	A	138	L 4	88-95
24575456	GM	2.3	No Model	D	138	L 4	94-95
24575507	GM	2.2	CAVALIER	4	134	L 4	94-97
24575507	GM	2.2	CAVALIER	4	134	L 4	98-02
24575779	GM	2.4	ACHIEVA	T	146	L 4	96-02
24576146	GM	2.2	CAVALIER	4	134	L 4	98-02
2463200	CHRYSLER	5.9	No Model		361	V 8	80-81
2463200	CHRYSLER	5.9	No Model	TRK	361	V 8	57-78
2463200	CHRYSLER	6.3	No Model		383	V 8	59-71
2463200	CHRYSLER	6.8	No Model		413	V 8	59-76
2463200	CHRYSLER	6.8	No Model		413	V 8	59-77
2463200	CHRYSLER	7.0	HEMI	H J R	426	V 8	66-71
2463209	CHRYSLER	7.0	HEMI	H J R	426	V 8	66-71
2463209	CHRYSLER	7.0	WEDGE		426	V 8	65-66
2465315	CHRYSLER	4.5	No Model	273	273	V 8	62-69
2465315	CHRYSLER	5.2	No Model	V	318	V 8	62-67
2466676	CHRYSLER	5.9	No Model		361	V 8	80-81
2466676	CHRYSLER	5.9	No Model	TRK	361	V 8	57-78
2466676	CHRYSLER	6.8	No Model		413	V 8	59-76
2466676	CHRYSLER	6.8	No Model		413	V 8	59-77
2466676	CHRYSLER	7.0	HEMI	H J R	426	V 8	66-71
2468016	CHRYSLER	7.0	HEMI	H J R	426	V 8	66-71
2468252	CHRYSLER	3.7	No Model		225	L 6	76-87
2468253	CHRYSLER	2.8	BARRACUDA		170	L 6	60-71
2468676	CHRYSLER	5.9	No Model		361	V 8	80-81
2468676	CHRYSLER	5.9	No Model	U	360	V 8	81-82
2468676	CHRYSLER	7.2	No Model		440	V 8	76-76
247	JOHN DEERE	2.5	820, 830 & 1020	D	152	L 3	
247	JOHN DEERE	2.7	360 DOZER	D	164	L 3	
247	JOHN DEERE	3.3	2020 & 2510	D	202	L 4	

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
2475795	GM	5.0	No Model	A	305	V 6	60-75
247T	JOHN DEERE	2.5	820, 830 & 1020	D	152	L 3	
2487297	GM	5.0	No Model	A	305	V 6	60-75
25 E	CHRYSLER	3.0	No Model	B	181	V 6	91-92
25-04-004	MERCEDES BENZ	5.7	OM352	352	346	L 6	
250523R	NAVISTAR	13.4	A SERIES		817	L 6	
250523R	NAVISTAR	13.4	B SERIES	817-B	817	L 6	
250523R	NAVISTAR	13.4	C SERIES	817-C	817	L 6	
251062	NAVISTAR	7.5	TD-14		461	L 4	
251062R	NAVISTAR	7.5	TD-14		461	L 4	
251137	NAVISTAR	9.6	TD20		585	L 6	
251137R	NAVISTAR	9.6	TD20		585	L 6	
251138	NAVISTAR	9.6	TD20		585	L 6	
251138R	NAVISTAR	9.6	TD20		585	L 6	
251172	NAVISTAR	1.9	No Model		113	L 4	37-40
251172	NAVISTAR	2.7	C & U	U	169	L 4	
251172	NAVISTAR	3.8	No Model	C	236	L 6	
251172R	NAVISTAR	1.9	No Model		113	L 4	37-40
251172R	NAVISTAR	2.7	C & U	U	169	L 4	
2525053	CHRYSLER	7.0	HEMI	H J R	426	V 8	66-71
252571	NAVISTAR	8.2	No Model	DT	502	L 6	49-69
252572	NAVISTAR	8.2	No Model	DT	502	L 6	49-69
2531110	CHRYSLER	7.0	HEMI	H J R	426	V 8	66-71
2531695	CHRYSLER	7.0	HEMI	H J R	426	V 8	66-71
2531718	CHRYSLER	7.0	HEMI	H J R	426	V 8	66-71
2531884	CHRYSLER	5.6	No Model		340	V 8	68-73
2531894	CHRYSLER	5.6	No Model		340	V 8	68-73
2531894	CHRYSLER	5.9	No Model	F	360	V 8	77-79
2531894	CHRYSLER	5.9	No Model	F	360	V 8	80
2531894	CHRYSLER	5.9	No Model	J	360	V 8	71-75
2531894	CHRYSLER	5.9	No Model	J	360	V 8	76-79
2531894	CHRYSLER	5.9	No Model	K	360	V 8	74-76
2531894	CHRYSLER	5.9	No Model	K	360	V 8	77-79
2531894	CHRYSLER	5.9	No Model	K	360	V 8	80
2531894	CHRYSLER	5.9	No Model	L	360	V 8	73-75
2531894	CHRYSLER	5.9	No Model	L	360	V 8	76-78
2531894	CHRYSLER	5.9	No Model	L	360	V 8	79
2531894	CHRYSLER	5.9	No Model	L	360	V 8	80
2531902	CHRYSLER	5.6	No Model		340	V 8	68-73
2536178	CHRYSLER	4.5	No Model	273	273	V 8	62-69
253757	CASE	11.1	2870	D	674	L 6	
253757	SCANIA	11.1	674	D	674	L 6	
254544C	NAVISTAR	3.9	BLACK DIAMOND		240	L 6	63-69
254544C	NAVISTAR	3.9	No Model	BG	241	L 6	57-67
254544C	NAVISTAR	4.3	400		264	L 6	63-74
25504443	GM	3.8	No Model	3	231	V 6	78-81
25504443	GM	3.8	No Model	A	231	V 6	78-81
25504443	GM	3.8	No Model	A	231	V 6	82
25504443	GM	3.8	No Model	A	231	V 6	83-87
25504443	GM	4.1	No Model	4	252	V 6	80-81
25505236	GM	5.7	No Model	H	350	V 8	68-74
25505236	GM	5.7	No Model	H	350	V 8	73-77
25505236	GM	5.7	No Model	J	350	V 8	75-77
25505236	GM	5.7	No Model	X	350	V 8	77-80
25505900	GM	3.0	No Model	E	181	V 6	82-85
25505900	GM	3.8	GRAND NATIONAL	7	231	V 6	86-88
25505900	GM	3.8	No Model	3	231	V 6	78-81

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
25505900	GM	3.8	No Model	3	231	V 6	84-86
25505900	GM	3.8	No Model	3	231	V 6	85-86
25505900	GM	3.8	No Model	8	231	V 6	83
25505900	GM	3.8	No Model	9	231	V 6	84-85
25505900	GM	3.8	No Model	A	231	V 6	78-81
25505900	GM	3.8	No Model	A	231	V 6	82
25505900	GM	3.8	No Model	A	231	V 6	83-87
25505900	GM	4.1	No Model	4	252	V 6	80-81
25505900	GM	4.1	No Model	4	252	V 6	82-84
2550628	GM	3.8	No Model	3	231	V 6	78-81
2550629	GM	3.8	No Model	A	231	V 6	78-81
25506293	GM	3.0	No Model	E	181	V 6	82-85
25506293	GM	3.2	No Model	C	196	V 6	78-79
25506293	GM	3.8	GRAND NATIONAL	7	231	V 6	86-88
25506293	GM	3.8	No Model	3	231	V 6	78-81
25506293	GM	3.8	No Model	3	231	V 6	84-86
25506293	GM	3.8	No Model	3	231	V 6	85-86
25506293	GM	3.8	No Model	8	231	V 6	83
25506293	GM	3.8	No Model	9	231	V 6	84-85
25506293	GM	3.8	No Model	A	231	V 6	78-81
25506293	GM	3.8	No Model	A	231	V 6	82
25506293	GM	3.8	No Model	A	231	V 6	83-87
25506293	GM	4.1	No Model	4	252	V 6	80-81
25506293	GM	4.1	No Model	4	252	V 6	82-84
25510191	GM	3.0	No Model	E	181	V 6	82-85
25510191	GM	3.8	GRAND NATIONAL	7	231	V 6	86-88
25510191	GM	3.8	No Model	3	231	V 6	78-81
25510191	GM	3.8	No Model	3	231	V 6	84-86
25510191	GM	3.8	No Model	3	231	V 6	85-86
25510191	GM	3.8	No Model	8	231	V 6	83
25510191	GM	3.8	No Model	9	231	V 6	84-85
25510191	GM	3.8	No Model	A	231	V 6	78-81
25510191	GM	3.8	No Model	A	231	V 6	82
25510191	GM	3.8	No Model	A	231	V 6	83-87
25510191	GM	4.1	No Model	4	252	V 6	80-81
25510191	GM	4.1	No Model	4	252	V 6	82-84
2551092	GM	3.8	GRAND NATIONAL	7	231	V 6	86-88
2551092	GM	3.8	No Model	3	231	V 6	84-86
2551092	GM	3.8	No Model	3	231	V 6	85-86
2551092	GM	3.8	No Model	3	231	V 6	87-88
2551092	GM	3.8	No Model	9	231	V 6	84-85
25518445	GM	3.0	No Model	E	181	V 6	82-85
25518445	GM	3.8	GRAND NATIONAL	7	231	V 6	86-88
25518445	GM	3.8	No Model	3	231	V 6	84-86
25518445	GM	3.8	No Model	3	231	V 6	85-86
25518445	GM	3.8	No Model	8	231	V 6	83
25518445	GM	3.8	No Model	9	231	V 6	84-85
25518445	GM	3.8	No Model	A	231	V 6	78-81
25518445	GM	3.8	No Model	A	231	V 6	82
25518445	GM	3.8	No Model	A	231	V 6	83-87
25518445	GM	4.1	No Model	4	252	V 6	82-84
25519863	GM	3.0	No Model	L	181	V 6	85-86
25519863	GM	3.0	No Model	L	181	V 6	87-88
25519863	GM	3.8	No Model	3	231	V 6	85-86
25519863	GM	3.8	No Model	3	231	V 6	87-88
25519863	GM	3.8	No Model	B	231	V 6	86-87
25523030	GM	3.0	No Model	L	181	V 6	85-86

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
25523030	GM	3.0	No Model	L	181	V 6	87-88
25523030	GM	3.8	GRAND NATIONAL	7	231	V 6	86-88
25523030	GM	3.8	No Model	3	231	V 6	85-86
25523030	GM	3.8	No Model	3	231	V 6	87-88
25523030	GM	3.8	No Model	B	231	V 6	86-87
25524248	GM	3.0	No Model	L	181	V 6	85-86
25524248	GM	3.0	No Model	L	181	V 6	87-88
25524248	GM	3.8	GRAND NATIONAL	7	231	V 6	86-88
25524248	GM	3.8	No Model	3	231	V 6	85-86
25524248	GM	3.8	No Model	3	231	V 6	87-88
25524248	GM	3.8	No Model	B	231	V 6	86-87
25524248	GM	3.8	No Model	C	231	V 6	88
2552448	GM	3.8	No Model	B	231	V 6	86-87
25527515	GM	3.0	No Model	L	181	V 6	85-86
25527515	GM	3.0	No Model	L	181	V 6	87-88
25527515	GM	3.8	GRAND NATIONAL	7	231	V 6	86-88
25527515	GM	3.8	No Model	3	231	V 6	85-86
25527515	GM	3.8	No Model	3	231	V 6	87-88
25527515	GM	3.8	No Model	B	231	V 6	86-87
25533485	GM	3.3	No Model	N	204	V 6	89-93
25533485	GM	3.8	No Model	3	231	V 6	87-88
25533485	GM	3.8	No Model	C	231	V 6	88
25533485	GM	3.8	No Model	C	231	V 6	88-91
25534250	GM	3.3	No Model	N	204	V 6	89-93
25534250	GM	3.8	No Model	1	231	V 6	92-94
25534250	GM	3.8	No Model	C	231	V 6	88
25534250	GM	3.8	No Model	C	231	V 6	88-91
25539723	GM	3.3	No Model	N	204	V 6	89-93
25539723	GM	3.8	No Model	3	231	V 6	87-88
25539723	GM	3.8	No Model	C	231	V 6	88
25539723	GM	3.8	No Model	C	231	V 6	88-91
2563536	RENAULT	1.1	No Model	R688	67	L 4	
2568920	CHRYSLER	4.5	No Model	273	273	V 8	62-69
258412C	NAVISTAR	6.7	WD-9		406	L 6	49-69
258412C	NAVISTAR	7.4	WD-9		450	L 6	49-69
258412C	NAVISTAR	8.2	No Model		501	L 6	49-69
258414C-1	NAVISTAR	5.2	RED-318		318	L 6	
258414C-1	NAVISTAR	5.2	RED-318		318	L 6	
258414C-1	NAVISTAR	6.1	WD-9		372	L 6	49-69
258414V-1	NAVISTAR	8.2	No Model		501	L 6	49-69
2588414C-1	NAVISTAR	7.4	WD-9		450	L 6	49-69
258936R	NAVISTAR	13.4	A SERIES		817	L 6	
258936R	NAVISTAR	13.4	B SERIES	817-B	817	L 6	
258936R	NAVISTAR	13.4	C SERIES	817-C	817	L 6	
258937R	NAVISTAR	13.4	A SERIES		817	L 6	
258937R	NAVISTAR	13.4	B SERIES	817-B	817	L 6	
258937R	NAVISTAR	13.4	C SERIES	817-C	817	L 6	
259	NISSAN	1.2	No Model	A12	72	L 4	72
259	NISSAN	1.2	No Model	A12	72	L 4	73
259	NISSAN	1.3	No Model	A13	79	L 4	74
259890	NAVISTAR	9.1	TD18		554	L 6	
259890	NAVISTAR	9.6	TD20		585	L 6	
259890	NAVISTAR	11.3	No Model		691	L 6	
259891	NAVISTAR	9.1	TD18		554	L 6	
259891	NAVISTAR	9.6	TD20		585	L 6	
259891	NAVISTAR	11.3	No Model		691	L 6	
26	MITSUBISHI	1.6	No Model	IND	98	L 4	80-95

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
260	GM	6.5	No Model		396	V 8	65-72
260227	NAVISTAR	13.4	A SERIES		817	L 6	
260227	NAVISTAR	13.4	B SERIES	817-B	817	L 6	
260227	NAVISTAR	13.4	C SERIES	817-C	817	L 6	
260228	NAVISTAR	13.4	A SERIES		817	L 6	
260228	NAVISTAR	13.4	B SERIES	817-B	817	L 6	
260228	NAVISTAR	13.4	C SERIES	817-C	817	L 6	
260692	NAVISTAR	5.5	TD-9A		335	L 4	
260692	NAVISTAR	5.5	W9, TD-9A, T-9	G	335	L 4	
260692	NAVISTAR	5.5	WD9, WDR9	D	335	L 4	
260692	NAVISTAR	5.7	TD-9, 600, 650, SUPER	D	350	L 4	
260692	NAVISTAR	6.1	W9, TD9	G	370	L 4	
260692R	NAVISTAR	5.5	TD-9A		335	L 4	
260692R	NAVISTAR	5.5	W9, TD-9A, T-9	G	335	L 4	
260692R	NAVISTAR	5.5	WD9, WDR9	D	335	L 4	
260692R	NAVISTAR	5.7	TD-9, 600, 650, SUPER	D	350	L 4	
260692R-4	NAVISTAR	5.7	TD-9, 600, 650, SUPER	D	350	L 4	
260869	NAVISTAR	4.1	M	D	248	L 4	
260869	NAVISTAR	4.3	No Model	D	264	L 4	50-62
260869	NAVISTAR	9.0	No Model	G	549	V 8	60-78
26201C	JAGUAR	3.4	XK140	C	210	L 6	61-65
2658146	CHRYSLER	5.2	No Model	P	318	V 8	83-91
2658146	CHRYSLER	5.2	No Model	R	318	V 8	83-87
2658234	CHRYSLER	5.2	No Model	E	318	V 8	77-80
2658234	CHRYSLER	5.2	No Model	G	318	V 8	69-76
2658234	CHRYSLER	5.2	No Model	G	318	V 8	77-79
2658234	CHRYSLER	5.2	No Model	P	318	V 8	83-91
2658234	CHRYSLER	5.2	No Model	R	318	V 8	83-87
2658284	CHRYSLER	5.2	No Model	E	318	V 8	73-76
2658290	CHRYSLER	4.5	No Model	273	273	V 8	62-69
2658416	CHRYSLER	5.2	No Model	E	318	V 8	73-76
2658416	CHRYSLER	5.2	No Model	E	318	V 8	77-80
2658416	CHRYSLER	5.2	No Model	G	318	V 8	69-76
2658416	CHRYSLER	5.2	No Model	G	318	V 8	77-79
2658416	CHRYSLER	5.2	No Model	P	318	V 8	83-91
2658416	CHRYSLER	5.2	No Model	R	318	V 8	83-87
2658920	CHRYSLER	4.5	No Model	273	273	V 8	62-69
2658920	CHRYSLER	5.2	No Model	G	318	V 8	69-76
266200E	HERCULES	3.2	D-2000		199	L 4	
266200E	HERCULES	3.3	D-2000		199	L 4	
266200E	HERCULES	3.5	D2120		212	L 4	
266200E	HERCULES	3.7	D-2300		226	L 4	
2670	GM	2.0	No Model	K	122	L 4	88-91
2670	GM	2.0	No Model	M	122	L 4	88-90
2671	GM	2.0	No Model	M	122	L 4	88-90
2671	GM	4.9	No Model	BUICK	300	V 8	64-67
268368R	NAVISTAR	4.6	560	D	282	L 6	
2685	CHRYSLER	4.2	No Model	C	258	L 6	83-89
2685	CHRYSLER	4.2	No Model	C(2	258	L 6	83-89
2685	CHRYSLER	4.2	No Model	T	258	L 6	90
2685234	CHRYSLER	5.2	No Model	P	318	V 8	83-91
2685234	CHRYSLER	5.2	No Model	R	318	V 8	83-87
2686	CHRYSLER	4.0	No Model	L	242	L 6	89-90
2686	CHRYSLER	4.0	No Model	M	242	L 6	87-88
269869	NAVISTAR	4.3	No Model	D	264	L 4	50-62
26L81K	SAAB	2.0	No Model	B201	121	L 4	78-89
26L81K	SAAB	2.0	No Model	L	121	L 4	84-92

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
26L81K	SAAB	2.1	No Model	E	129	L 4	91-93
26M	GM	1.6	NOVA	4	97	L 4	85-88
2703E	FORD	1.1	KSG 1.1		67	L 4	93-98
2703E	FORD	1.6	INDUSTRIAL		98	L 4	78-93
2703E	FORD	1.6	KSG 1.6		98	L 4	78-96
2737-E	FORD	1.1	KSG 1.1		67	L 4	93-98
2737-E	FORD	1.6	INDUSTRIAL		98	L 4	78-93
2737-E	FORD	1.6	KSG 1.6		98	L 4	78-96
2737-E	FORD	1.6	PINTO,CAPRI	W	98	L 4	70-73
2737-E	FORD	1.6	PINTO,FESTIVA		98	L 4	76-80
27-54	TOYOTA	1.5	TERCEL	3A	89	L 4	80-86
27-54	TOYOTA	1.5	TERCEL	3A-C	89	L 4	81-88
2767031	GM	2.5	No Model	IND	153	L 4	62-80
2767031	MERCUISER	2.5	No Model	IND	153	L 4	62-80
277087	GM	3.0	No Model	IND	181	L 4	74-93
277087	MERCUISER	3.0	No Model	IND	181	L 4	74-93
277098R	NAVISTAR	4.6	450	D281	281	L 4	
277098R1	NAVISTAR	4.3	No Model	D	264	L 4	50-62
277139	NAVISTAR	13.4	A SERIES		817	L 6	
277139	NAVISTAR	13.4	B SERIES	817-B	817	L 6	
277139	NAVISTAR	13.4	C SERIES	817-C	817	L 6	
277140	NAVISTAR	13.4	A SERIES		817	L 6	
277140	NAVISTAR	13.4	B SERIES	817-B	817	L 6	
277140	NAVISTAR	13.4	C SERIES	817-C	817	L 6	
277293R	NAVISTAR	7.5	TD-14		461	L 4	
277297	NAVISTAR	7.5	TD-14		461	L 4	
2773948	GM	4.8	No Model	T	292	L 6	63-73
2773948	GM	4.8	No Model	T	292	L 6	74-77
2773948	GM	4.8	No Model	T	292	L 6	78-90
277437R	NAVISTAR	4.3	No Model	D	264	L 4	50-62
2774531	GM	3.0	No Model	IND	181	L 4	74-93
2774531	MERCUISER	3.0	No Model	IND	181	L 4	74-93
2776852	GM	3.0	No Model	IND	181	L 4	74-93
2776852	MERCUISER	3.0	No Model	IND	181	L 4	74-93
2776952	GM	2.5	No Model	IND	153	L 4	62-80
2776952	MERCUISER	2.5	No Model	IND	153	L 4	62-80
2776954	GM	3.0	No Model	IND	181	L 4	74-93
2776954	MERCUISER	3.0	No Model	IND	181	L 4	74-93
2777770	GM	3.0	No Model	IND	181	L 4	74-93
2777770	MERCUISER	3.0	No Model	IND	181	L 4	74-93
2778964	GM	3.0	No Model	IND	181	L 4	74-93
2778964	MERCUISER	3.0	No Model	IND	181	L 4	74-93
2780557	CHRYSLER	7.0	HEMI	H J R	426	V 8	66-71
2780559	CHRYSLER	7.0	HEMI	H J R	426	V 8	66-71
2780915	CHRYSLER	7.2	No Model		440	V 8	76-76
2780915	CHRYSLER	7.2	No Model	T	440	V 8	66-73
278292	NAVISTAR	5.5	TD-9A		335	L 4	
278292	NAVISTAR	5.5	W9, TD-9A, T-9	G	335	L 4	
278292	NAVISTAR	5.5	WD9, WDR9	D	335	L 4	
278292	NAVISTAR	5.7	TD-9, 600, 650, SUPER	D	350	L 4	
278292	NAVISTAR	6.1	W9, TD9	G	370	L 4	
278292R	NAVISTAR	5.5	TD-9A		335	L 4	
278292R	NAVISTAR	5.5	W9, TD-9A, T-9	G	335	L 4	
278292R	NAVISTAR	5.5	WD9, WDR9	D	335	L 4	
278292R	NAVISTAR	5.7	TD-9, 600, 650, SUPER	D	350	L 4	
278293	NAVISTAR	5.5	TD-9A		335	L 4	
278293	NAVISTAR	5.5	W9, TD-9A, T-9	G	335	L 4	

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
278293	NAVISTAR	5.5	WD9, WDR9	D	335	L 4	
278293	NAVISTAR	6.1	W9, TD9	G	370	L 4	
278293R	NAVISTAR	5.5	TD-9A		335	L 4	
278293R	NAVISTAR	5.5	W9, TD-9A, T-9	G	335	L 4	
278363	NAVISTAR	5.0	BD308	BD	308	L 6	55-57
278363	NAVISTAR	5.0	No Model	G	308	L 6	
278363	NAVISTAR	5.0	No Model	U	308	L 6	
278368	NAVISTAR	4.6	560	D	282	L 6	
278368	NAVISTAR	4.8	666, 706, 766	C	291	L 6	
278368	NAVISTAR	5.0	BD308	BD	308	L 6	55-57
278368	NAVISTAR	5.0	No Model	G	308	L 6	
278368	NAVISTAR	5.0	No Model	U	308	L 6	
278368	NAVISTAR	5.1	HYDRO 70		312	L 6	
278368R	NAVISTAR	5.5	TD-9A		335	L 4	
278368R	NAVISTAR	5.5	W9, TD-9A, T-9	G	335	L 4	
278368R	NAVISTAR	5.7	TD-9, 600, 650, SUPER	D	350	L 4	
278368R	NAVISTAR	5.7	TD-9, 600, 650, SUPER	D	350	L 4	
278368R1	NAVISTAR	4.9	No Model	D	301	L 6	
278368-R4	NAVISTAR	4.6	560	D	282	L 6	
279562	ROVER	2.3	No Model		140	L 4	78
27ETA	BMW	2.7	325E		164	L 6	82-89
280	GM	6.5	No Model		396	V 8	65-72
28010	TOYOTA	3.6	H		218	L 6	69-81
28010	TOYOTA	4.0	2H		243	L 6	82-92
2806019	CHRYSLER	7.2	No Model		440	V 8	76-76
2806887	CHRYSLER	5.9	No Model		361	V 8	80-81
2806887	CHRYSLER	5.9	No Model	U	360	V 8	81-82
2806887	CHRYSLER	6.8	No Model		413	V 8	59-77
2806887	CHRYSLER	7.0	HEMI	H J R	426	V 8	66-71
2806887	CHRYSLER	7.0	HEMI	IND	426	V 8	71-77
280R	JOHN DEERE	6.8	G		413	2	38-53
280R	JOHN DEERE	8.2	D		501	L 2	
283200	HERCULES	5.5	G3400	D	339	L 6	
283200	HERCULES	5.6	D-3400		339	L 6	
2841569	CHRYSLER	3.2	No Model	B	198	L 6	74-74
2841569	CHRYSLER	3.7	No Model		225	L 6	76-87
2843092	CHRYSLER	6.6	No Model	N	400	V 8	72-78
2843096	CHRYSLER	5.9	No Model	TRK	361	V 8	57-78
2843096	CHRYSLER	6.3	No Model		383	V 8	59-71
2843096	CHRYSLER	7.2	No Model		440	V 8	76-76
2843169	CHRYSLER	2.8	BARRACUDA		170	L 6	60-71
2843169	CHRYSLER	3.2	No Model	B	198	L 6	74-74
2843169	CHRYSLER	3.7	No Model		225	L 6	76-87
2843169	CHRYSLER	3.7	No Model	B	225	L 6	69-80
2843169	CHRYSLER	3.7	No Model	C	225	L 6	60-80
2843675	CHRYSLER	4.5	No Model	273	273	V 8	62-69
2843675	CHRYSLER	5.2	No Model	G	318	V 8	69-76
2843902	CHRYSLER	6.6	No Model	N	400	V 8	72-78
2843906	CHRYSLER	6.3	No Model		383	V 8	59-71
2843906	CHRYSLER	7.2	No Model	T	440	V 8	66-73
2843917	CHRYSLER	7.2	No Model		440	V 8	76-76
2847906	CHRYSLER	5.9	No Model	TRK	361	V 8	57-78
2847906	CHRYSLER	6.3	No Model		383	V 8	59-71
2847906	CHRYSLER	7.2	No Model		440	V 8	76-76
2847906	CHRYSLER	7.2	No Model	T	440	V 8	66-73
286527	NAVISTAR	9.0	No Model	G	549	V 8	60-78
286527C1	CHRYSLER	7.8	No Model		478	V 8	69-77

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
286527C1	CHRYSLER	9.0	No Model		549	V 8	70-74
286527C1	NAVISTAR	6.5	No Model	V	401	V 8	62-74
286527C1	NAVISTAR	7.8	No Model		478	V 8	56-78
286527C1	NAVISTAR	9.0	No Model	G	549	V 8	60-78
286527C-1	NAVISTAR	9.0	No Model	G	549	V 8	60-78
286545C1	CHRYSLER	7.8	No Model		478	V 8	69-77
286545C1	CHRYSLER	9.0	No Model		549	V 8	70-74
286545C1	NAVISTAR	6.5	No Model	V	401	V 8	62-74
286545C1	NAVISTAR	7.8	No Model		478	V 8	56-78
286545C1	NAVISTAR	9.0	No Model	G	549	V 8	60-78
286545R1	NAVISTAR	6.5	No Model	V	401	V 8	62-74
288200E	HERCULES	5.5	G3400	D	339	L 6	
288200E	HERCULES	5.6	G3400		339	L 6	
289162	CASE	11.1	2870	D	674	L 6	
289162	SCANIA	11.1	674	D	674	L 6	
2899440	CHRYSLER	5.9	No Model		361	V 8	80-81
2899913	CHRYSLER	6.8	No Model		413	V 8	59-76
2899913	CHRYSLER	6.8	No Model		413	V 8	59-77
2899943	CHRYSLER	5.9	No Model		361	V 8	80-81
2899943	CHRYSLER	5.9	No Model	TRK	361	V 8	57-78
2899943	CHRYSLER	5.9	No Model	U	360	V 8	81-82
2899943	CHRYSLER	6.8	No Model		413	V 8	59-76
2899943	CHRYSLER	6.8	No Model		413	V 8	59-77
2899943	CHRYSLER	7.0	HEMI	IND	426	V 8	71-77
2-8T	TOYOTA	1.8	CAMRY	1CTLG	112	L 4	84-85
2-8T	TOYOTA	1.8	COROLLA	1C-LC	112	L 4	84-85
29	TOYOTA	2.0	CAMRY	3SFE	122	L 4	86-91
291	HEALEY	2.8	SPRITE		175	L 4	67-67
2932	HERCULES	5.5	G3400	D	339	L 6	
2932	HERCULES	5.6	D-3400		339	L 6	
293633	MACK	7.8	477		477	L 6	
293633	SCANIA	0.0	477		0	L 6	
2943169	CHRYSLER	5.9	No Model	TRK	361	V 8	57-78
2943169	CHRYSLER	6.3	No Model		383	V 8	59-71
2943169	CHRYSLER	7.2	No Model		440	V 8	76-76
2945270	CHRYSLER	7.0	HEMI	H J R	426	V 8	66-71
295	HEALEY	2.8	SPRITE		175	L 4	67-67
2951250	CHRYSLER	7.2	No Model	T	440	V 8	66-73
296032	GM	6.6	No Model	M	401	V 6	73-77
2973	GM	3.3	No Model	N	204	V 6	89-93
298	CHRYSLER	5.9	No Model		361	V 8	80-81
2986133	GM	7.0	No Model	L	427	V 8	66-90
299	GM	5.0	No Model	307	307	V 8	68-73
299	GM	5.4	No Model	L	327	V 8	68-69
2A3316	CATERPILLAR	5.1	955		312	L 4	
2A3316	CATERPILLAR	5.1	955		312	L 4	
2A3950	CATERPILLAR	13.6	7000		831	L 4	
2B	GM	1.6	AVEO	6	98	L 4	04-05
2B5673	CATERPILLAR	8.6	D318		525	L 6	
2B5673	CATERPILLAR	8.6	D318(2)		525	L 6	
2B6489	CATERPILLAR	8.6	D318		525	L 6	
2B6489	CATERPILLAR	8.6	D318(2)		525	L 6	
2B9622	CATERPILLAR	5.1	955		312	L 4	
2B9622	CATERPILLAR	5.1	955		312	L 4	
2D	ALFA ROMEO	3.0	MILANO	164	181	V 6	88-89
2D	CHRYSLER	1.5	COLT	A	91	L 4	90-96
2D	CHRYSLER	1.5	COLT	K	91	L 4	85-88

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
2D	CHRYSLER	1.5	COLT	X	91	L 4	89-90
2D	MITSUBISHI	1.5	MIRAGE	A	92	L 4	90-99
2D	MITSUBISHI	1.5	MIRAGE	K	90	L 4	85-88
2D	MITSUBISHI	1.5	MIRAGE	X	90	L 4	89-90
2D	MITSUBISHI	1.5	No Model	J	91	L 4	90-94
2D	MITSUBISHI	1.5	PRECIS	J	90	L 4	87-89
2F4690	CATERPILLAR	20.4	13000		1246	L 6	
2F4690	CATERPILLAR	20.4	D342	3	1246	L 6	
2F4690	CATERPILLAR	20.4	D8	1	1246	L 6	
2F4690	CATERPILLAR	20.4	D8	2	1246	L 6	
2F4690	CATERPILLAR	20.4	D8	4	1246	L 6	
2F5317	CATERPILLAR	13.6	7700		831	L 4	
2F5319	CATERPILLAR	13.6	7700		831	L 4	
2F5319	CATERPILLAR	13.6	D339	1	831	L 4	
2F5319	CATERPILLAR	13.6	D339	2	831	L 4	
2F5319	CATERPILLAR	13.6	D339	3	831	L 4	
2F5319	CATERPILLAR	13.6	D339	4	831	L 4	
2F5319	CATERPILLAR	13.6	D339	5	831	L 4	
2F5319	CATERPILLAR	13.6	D7	1	831	L 4	
2F5319	CATERPILLAR	13.6	D7	2	831	L 4	
2H3349	CATERPILLAR	12.2	D326		744	L 6	
2H3349	CATERPILLAR	12.2	D337		744	L 6	
2L1E6090C20B	FORD	5.4	NAVIGATOR	L	330	V 8	98-05
2M	GM	1.6	NOVA	4	97	L 4	85-88
2M5417	CATERPILLAR	8.6	1673	CB	525	L 6	
2M5417	CATERPILLAR	8.6	D333	CB	525	L 6	
2M5417	CATERPILLAR	10.5	1673C	CB	638	L 6	
2M6757	CATERPILLAR	4.1	D2		252	L 4	
2M6757	CATERPILLAR	4.1	D311H		252	L 4	
2M6757	CATERPILLAR	4.1	D320		252	L 4	
2M6757	CATERPILLAR	4.1	D320A		252	L 4	
2N9331	CATERPILLAR	32.2	379		1964	V 8	
2N9331	CATERPILLAR	32.2	D379		1964	V 8	
2N9331	CATERPILLAR	64.4	D399		3928	V 16	
2N9931	CATERPILLAR	48.3	398		2946	V 12	
2N9931	CATERPILLAR	48.8	D398		2976	V 12	
2N9932	CATERPILLAR	64.4	D399		3928	V 16	
2P0204	CATERPILLAR	7.0	3304	CB	425	L 4	
2P0204	CATERPILLAR	7.0	3304	SP	425	L 4	
2P204	CATERPILLAR	7.0	3304	CB	425	L 4	
2P5192	CATERPILLAR	10.5	1673C	CB	638	L 6	
2P5193	CATERPILLAR	10.5	1673C	CB	638	L 6	
2P648	CATERPILLAR	7.0	3304	CB	425	L 4	
2P6484	CATERPILLAR	7.0	3304	CB	425	L 4	
2P6485	CATERPILLAR	7.0	3304	CB	425	L 4	
2P6487	CATERPILLAR	10.5	3306	SP	638	L 6	
2R1020163201	MERCEDES BENZ	2.3	190E		140	L 4	84-88
2S	GM	1.3	TRACKER	9	79	L 4	92-94
2S	SUZUKI	1.3	SAMURAI	3	79	L 4	85-95
2S5185	CATERPILLAR	11.5	1676		700	V 8	
2S5185	CATERPILLAR	11.5	D336		700	V 8	
2S8990	CATERPILLAR	5.7	D330	CB	350	L 4	
2S8990	CATERPILLAR	5.7	D330	D4	350	L 4	
2S8990	CATERPILLAR	7.0	D330C	CB	425	L 4	
2S8990	CATERPILLAR	7.0	D330C	SP	425	L 4	
2S9000	CATERPILLAR	5.7	D330	CB	350	L 4	
2S9000	CATERPILLAR	5.7	D330	D4	350	L 4	

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
2S9000	CATERPILLAR	7.0	D330C	CB	425	L 4	
2S9000	CATERPILLAR	7.0	D330C	SP	425	L 4	
2S9010	CATERPILLAR	5.7	D330	CB	350	L 4	
2S9010	CATERPILLAR	5.7	D330	D4	350	L 4	
2S9010	CATERPILLAR	7.0	D330C	CB	425	L 4	
2S9010	CATERPILLAR	7.0	D330C	SP	425	L 4	
2S9780	CATERPILLAR	8.6	D333	CB	525	L 6	
2S9790	CATERPILLAR	8.6	1673	CB	525	L 6	
2S9790	CATERPILLAR	8.6	D333	CB	525	L 6	
2W5560	CATERPILLAR	10.5	3306	SP	638	L 6	
2W5800	CATERPILLAR	34.5	3508		2105	V 8	
2W5800	CATERPILLAR	51.8	3512		3158	V 12	
2W5800	CATERPILLAR	69.0	3516		4210	V 16	
2W654	CATERPILLAR	7.0	3304	CB	425	L 4	
2W656	CATERPILLAR	10.5	3306	CB	638	L 6	
2W7165	CATERPILLAR	10.4	3208		636	V 8	
2W854	CATERPILLAR	7.0	3304	CB	425	L 4	
3	CHRYSLER	2.0	AVENGER	Y	122	L 4	95-04
30	CHRYSLER	3.0	No Model	3	181	V 6	87-95
3007716	CUMMINS	12.2	NH 220 SERIES	NH	743	L 6	
3007716	CUMMINS	14.0	88NT	FFC	855	L 6	87-89
3007716	CUMMINS	14.0	NH230	NH	855	L 6	
3007716	CUMMINS	14.0	NT SERIES		855	L 6	88-91
3007716	CUMMINS	14.0	NT855	NT	855	L 6	
3007717	CUMMINS	12.2	NH 220 SERIES	NH	743	L 6	
3007717	CUMMINS	14.0	88NT	FFC	855	L 6	87-89
3007717	CUMMINS	14.0	NH230	NH	855	L 6	
3007717	CUMMINS	14.0	NT SERIES		855	L 6	88-91
3007717	CUMMINS	14.0	NT855	NT	855	L 6	
3007718	CUMMINS	12.2	NH 220 SERIES	NH	743	L 6	
3007718	CUMMINS	14.0	88NT	FFC	855	L 6	87-89
3007718	CUMMINS	14.0	NH230	NH	855	L 6	
3007718	CUMMINS	14.0	NT SERIES		855	L 6	88-91
3007718	CUMMINS	14.0	NT855	NT	855	L 6	
3008089	CUMMINS	12.2	NH 220 SERIES	NH	743	L 6	
3008089	CUMMINS	14.0	88NT	FFC	855	L 6	87-89
3008089	CUMMINS	14.0	NH230	NH	855	L 6	
3008089	CUMMINS	14.0	NT SERIES		855	L 6	88-91
3008089	CUMMINS	14.0	NT855	NT	855	L 6	
3009088	CUMMINS	24.4	VT1486		1486	V 12	60-70
3009088-01	CUMMINS	18.8	K SERIES		1150	L 6	
3009088-01	CUMMINS	18.8	KTA	KTA	1150	L 6	
3009088-01	CUMMINS	38.0	KT SERIES		2300	V 12	
301	FORD	1.3	FESTIVA	K	81	L 4	88-89
301766	HUDSON	4.3	No Model		262	L 6	48-52
302137	TRIUMPH	2.1	No Model	C	130	L 4	62-67
302508612	CUMMINS	10.0	L10		611	L 6	85-90
3031755	DDC	39.1	16V-149		2384	V 16	
303322712	CUMMINS	10.0	L10		611	L 6	85-90
303322715	CUMMINS	10.0	L10		611	L 6	85-90
3041991	CUMMINS	14.0	NH230	NH	855	L 6	
3041991	CUMMINS	14.0	NT SERIES	315	855	L 6	88-93
304324R	NAVISTAR	3.8	460	D	236	L 6	
304324R1	NAVISTAR	3.8	460	D	236	L 6	
304324R1	NAVISTAR	3.8	No Model	UD	236	L 6	
304324R2	NAVISTAR	3.8	460	D	236	L 6	
3043824	NAVISTAR	2.3	B275	D	144	L 4	

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
3043824	NAVISTAR	4.1	M	D	248	L 4	
3043824R	NAVISTAR	2.3	B275	D	144	L 4	
3043824R	NAVISTAR	2.5	2424	D	154	L 4	
3043824R1	NAVISTAR	2.3	B275	D	144	L 4	
3043824R1	NAVISTAR	2.5	2424	D	154	L 4	
3043824R1	NAVISTAR	4.1	M	D	248	L 4	
304585R4	NAVISTAR	2.5	2424	D	154	L 4	
3046670	CUMMINS	14.0	NT SERIES	315	855	L 6	88-93
3046760	CUMMINS	14.0	NT SERIES		855	L 6	88-91
3046760	CUMMINS	14.0	NT SERIES	315	855	L 6	88-93
3046780	CUMMINS	14.0	NT SERIES		855	L 6	88-91
3048780	CUMMINS	14.0	NT SERIES	315	855	L 6	88-93
30490	WHITE	9.6	2-150	D	585	L 6	
304955	TRIUMPH	1.1	No Model		70	L 4	62-64
3049606	NAVISTAR	2.3	354	G(1)	144	L 4	
3049606P2	NAVISTAR	2.3	B275	D	144	L 4	
3049606-R2	NAVISTAR	2.3	354	G(1)	144	L 4	
305103373G	AUDI	2.3	COUPE	7A	141	L 5	89-91
305103373G	AUDI	2.3	COUPE	NG	141	L 5	87-92
305103373G	AUDI	2.3	QUATTRO	NF	141	L 5	87-91
3055	NAVISTAR	5.1	706	D-310	310	L 6	
3055048R	NAVISTAR	2.9	454		179	L 3	
3055048R2	NAVISTAR	2.5	385	D155	155	L 3	
3055048R3	NAVISTAR	2.6	454	C(1)	157	L 4	
3055048R3	NAVISTAR	2.9	454		179	L 3	
3055048R4	NAVISTAR	2.5	385	D155	155	L 3	
3055049	NAVISTAR	3.9	544	D239	239	L 4	
3055049R2	NAVISTAR	3.9	544	D239	239	L 4	
3055049R2	NAVISTAR	4.0	784	D-246	246	L 4	
3055049R3	NAVISTAR	3.4	584	D206	206	L 4	
3055049R3	NAVISTAR	3.9	544	D239	239	L 4	
3055049R3	NAVISTAR	4.0	784	D-246	246	L 4	
3055049R4	NAVISTAR	4.0	784	D-246	246	L 4	
3055049R4	NAVISTAR	4.4	510B	D	268	L 4	75-85
3055367R95	NAVISTAR	3.9	544	D239	239	L 4	
3055367R95	NAVISTAR	4.0	784	D-246	246	L 4	
3055367R97	NAVISTAR	3.4	584	D206	206	L 4	
3055367R97	NAVISTAR	3.9	544	D239	239	L 4	
3055367R97	NAVISTAR	4.0	784	D-246	246	L 4	
3055655R93	NAVISTAR	5.8	826	D	358	L 6	
3055656R1	NAVISTAR	5.1	706	D-310	310	L 6	
3055656R1	NAVISTAR	5.8	826	D	358	L 6	
3055721	CUMMINS	10.0	L10		611	L 6	85-90
3055721	CUMMINS	10.0	L10	91->	611	L 6	91-96
305572103	CUMMINS	10.0	L10		611	L 6	85-90
3055R1	NAVISTAR	5.1	706	D-310	310	L 6	
306224R3	NAVISTAR	7.5	TD-14		461	L 4	
3066224	NAVISTAR	7.5	TD-14		461	L 4	
3068516	CUMMINS	14.0	88NT	FFC	855	L 6	87-89
307170	TRIUMPH	1.1	No Model		70	L 4	62-64
308016	HUDSON	5.1	No Model		308	L 6	55-56
308368R1	NAVISTAR	17.9	TD24		1091	L 6	
3083699	BMW	3.4	535I	M30B	209	L 6	87-93
308369R1	NAVISTAR	17.9	TD24		1091	L 6	
308378R	NAVISTAR	2.7	340	D	166	L 4	
308378R4	NAVISTAR	2.7	340	D	166	L 4	
308378R4	NAVISTAR	3.0	504	D	188	L 4	

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
308378R4	NAVISTAR	3.1	540	D	193	L 4	
308378R4	NAVISTAR	3.8	460	D	236	L 6	
308378R4	NAVISTAR	3.8	No Model	UD	236	L 6	
308378R5	NAVISTAR	2.7	340	D	166	L 4	
308378R5	NAVISTAR	3.0	504	D	188	L 4	
3084652	CUMMINS	11.0	M11		661	L 6	91-01
3088516	CUMMINS	14.0	N14	N14	855	L 6	91-00
3088516	CUMMINS	14.0	NT SERIES		855	L 6	88-91
309121	HUDSON	5.1	No Model		308	L 6	55-56
30W	NISSAN	2.4	720 PICKUP	Z24	146	L 4	83-89
310098	FORD	3.1	No Model	D	192	L 4	65-72
310098	FORD	3.1	No Model	G	192	L 4	64-79
310099	FORD	3.1	No Model	D	192	L 4	65-72
310099	FORD	3.1	No Model	G	192	L 4	64-79
31010	TOYOTA	1.5	No Model	2R	91	L 4	64-71
310100	FORD	2.6	2000 SERIES	D	158	L 3	61-75
310100	FORD	2.8	No Model	G	172	L 4	53-80
310100	FORD	2.9	3000	D	175	L 3	61-75
310100	FORD	3.1	No Model	G	192	L 4	64-79
310100	FORD	3.3	555	D	201	L 3	75-90
310665	FORD	2.8	No Model	D	172	L 4	55-60
3114-E	NISSAN	2.0	H20		121	L 4	77-92
31184	GM	4.8	No Model	T	292	L 6	78-90
312388	TRIUMPH	2.5	No Model	CF	152	L 6	68-76
312579C1	NAVISTAR	7.8	No Model		478	V 8	56-78
312580C1	NAVISTAR	7.8	No Model		478	V 8	56-78
312587C1	NAVISTAR	7.8	No Model		478	V 8	56-78
31326054R4	NAVISTAR	5.1	706	D-310	310	L 6	
3132605R5	NAVISTAR	5.1	706	D-310	310	L 6	
31337290	PERKINS	8.3	504		504	V 8	
3136973	CHRYSLER	3.0	No Model	S	181	V 6	90-92
3136973	MITSUBISHI	3.0	GALANT	S	181	V 6	88-92
3138396	CHRYSLER	3.0	No Model	S	181	V 6	90-92
3138396	MITSUBISHI	3.0	GALANT	S	181	V 6	88-92
3144092	CHRYSLER	3.0	No Model	S	181	V 6	90-92
3144092	MITSUBISHI	3.0	GALANT	S	181	V 6	88-92
3145596	CHRYSLER	4.1	No Model	A/J	250	V 8	56-61
3154796	CHRYSLER	3.2	No Model	A/J	196	L 6	53-65
3156602	CHRYSLER	3.2	No Model	A/J	196	L 6	53-65
3157609	CHRYSLER	3.2	No Model	A/J	196	L 6	53-65
3159522	CHRYSLER	3.2	No Model	A/J	196	L 6	53-65
3159669	CHRYSLER	3.2	No Model	A/J	196	L 6	53-65
3159908	CHRYSLER	3.2	No Model	A/J	196	L 6	53-65
3159937	CHRYSLER	3.2	No Model	A/J	196	L 6	53-65
3159938	CHRYSLER	3.2	No Model	A/J	196	L 6	53-65
3160791	CHRYSLER	3.2	No Model	A/J	196	L 6	53-65
316275R	NAVISTAR	3.9	No Model	BG	241	L 6	57-67
316276R	NAVISTAR	3.9	No Model	BG	241	L 6	57-67
316306	NAVISTAR	9.6	TD20		585	L 6	
316307	NAVISTAR	9.6	TD20		585	L 6	
3166452	CHRYSLER	3.2	No Model	A/J	196	L 6	53-65
3166452	CHRYSLER	4.1	No Model	A/J	250	V 8	56-61
3166791	CHRYSLER	3.2	No Model	A/J	196	L 6	53-65
3167298	CHRYSLER	3.2	No Model	A/J	196	L 6	53-65
316787	PACKARD	4.0	No Model		245	L 6	39-48
3167920	CHRYSLER	3.2	No Model	A/J	196	L 6	53-65
3167960	CHRYSLER	3.2	No Model	A/J	196	L 6	53-65

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
3168791	CHRYSLER	3.2	No Model	A/J	196	L 6	53-65
3169513	CHRYSLER	4.7	No Model	A/J	287	V 8	63-66
3169969	CHRYSLER	3.2	No Model	A/J	196	L 6	53-65
3169974	CHRYSLER	5.9	No Model	A/J	360	V 8	70-79
3169974	CHRYSLER	5.9	No Model	K	360	V 8	80
317	GM	6.0	No Model	U	364	V 8	99-04
3170717	CHRYSLER	3.2	No Model	A/J	196	L 6	53-65
3170717	CHRYSLER	4.2	No Model	C	258	L 6	70-83
3170717	CHRYSLER	4.2	No Model	C	258	L 6	83-89
3170717	CHRYSLER	4.2	No Model	C(2)	258	L 6	83-89
3170717	JEEP	4.2	No Model		258	L 6	71-77
3170717	NAVISTAR	3.2	No Model		199	L 6	64-67
3175453	CHRYSLER	4.8	No Model	A/J	290	V 8	66-69
3176458	CHRYSLER	3.2	No Model	A/J	196	L 6	53-65
3176459	CHRYSLER	3.2	No Model	A/J	196	L 6	53-65
317661802	CUMMINS	18.8	K SERIES		1150	L 6	
317661802	CUMMINS	18.8	KTA	KTA	1150	L 6	
317661802	CUMMINS	38.0	KT SERIES		2300	V 12	
3178453	CHRYSLER	4.8	No Model	A/J	290	V 8	66-69
3178543	CHRYSLER	4.8	No Model	A/J	290	V 8	66-69
3180915	CHRYSLER	4.7	No Model	A/J	287	V 8	63-66
3180915	CHRYSLER	5.4	RAMBLER	A/J	327	V 8	57-67
3180915-1	CHRYSLER	4.7	No Model	A/J	287	V 8	63-66
318141	NAVISTAR	8.2	No Model	DT	502	L 6	49-69
318142	NAVISTAR	8.2	No Model	DT	502	L 6	49-69
318440	CHRYSLER	1.4	No Model	D	85	L 4	81-87
3188558	CHRYSLER	5.6	No Model	A/J 1	343	V 8	67-69
3188558	CHRYSLER	5.7	No Model		350	V 8	68-71
3188558	CHRYSLER	6.4	No Model	A/J	390	V 8	68-76
3188558	CHRYSLER	6.4	No Model	A/J	390	V 8	68-76
3189886	CHRYSLER	3.2	No Model	A/J	196	L 6	53-65
3189886	CHRYSLER	3.8	No Model	A/J	232	L 6	64-79
3189886	CHRYSLER	4.2	No Model	C	258	L 6	70-83
3189886	JEEP	4.2	No Model		258	L 6	71-77
3189886	NAVISTAR	3.8	No Model		232	L 6	68-74
31898861	CHRYSLER	3.8	No Model	A/J	232	L 6	64-79
3190806	CHRYSLER	6.4	No Model	A/J	390	V 8	68-76
31922C2	NAVISTAR	3.9	BLACK DIAMOND		240	L 6	63-69
31922C-2	NAVISTAR	4.3	400		264	L 6	63-74
31923C-2	NAVISTAR	3.6	No Model		220	L 6	50-62
319529	CHRYSLER	5.0	No Model	A/J	304	V 8	70-79
3195D	NAVISTAR	1.9	No Model		113	L 4	37-40
3196291	CHRYSLER	5.9	No Model	A/J	360	V 8	70-79
3196291	CHRYSLER	6.4	No Model	A/J	390	V 8	68-76
3196291	CHRYSLER	6.6	No Model	A/J	401	V 8	71-78
3196291	JEEP	6.6	No Model		401	V 8	74-78
3196291	NAVISTAR	6.6	No Model	AMC	401	V 8	75-84
319722C	NAVISTAR	4.3	400		264	L 6	63-74
319722C-2	NAVISTAR	3.9	BLACK DIAMOND		240	L 6	63-69
319722C-2	NAVISTAR	3.9	No Model	BG	241	L 6	57-67
319722C-2	NAVISTAR	4.3	400		264	L 6	63-74
319723	NAVISTAR	3.6	No Model		220	L 6	50-62
319723C-2	NAVISTAR	3.6	No Model		220	L 6	50-62
319772C-2	NAVISTAR	3.7	No Model		226	V 8	62-69
3199517	CHRYSLER	5.0	No Model	A/J	304	V 8	70-79
31M	NISSAN	1.6	No Model	E16I	97	L 4	86-88
31M	NISSAN	1.6	No Model	E16S	97	L 4	86-88

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
31M	NISSAN	1.6	PULSAR	E16	97	L 4	83-86
320111	NAVISTAR	2.5	2504	C	153	L 4	
3205605	CHRYSLER	3.2	No Model	A/J	196	L 6	53-65
3207989	CHRYSLER	4.8	No Model	A/J	290	V 8	66-69
3209P	JAGUAR	5.3	No Model	XJS	326	V 12	72-90
321	ACURA	1.6	INTEGRA	D16A1	97	L 4	86-89
3210P	JAGUAR	5.3	No Model	XJS	326	V 12	72-90
3211040	CHRYSLER	3.8	No Model	A/J	232	L 6	64-79
3211040	CHRYSLER	4.2	No Model	C	258	L 6	70-83
3211040	JEEP	4.2	No Model		258	L 6	71-77
3211040	NAVISTAR	3.8	No Model		232	L 6	68-74
32113497	CHRYSLER	5.0	No Model	A/J	304	V 8	70-79
3212190	CHRYSLER	5.0	No Model	A/J	304	V 8	70-79
3212193	CHRYSLER	5.9	No Model	A/J	360	V 8	70-79
3212990	CHRYSLER	5.0	No Model	A/J	304	V 8	70-79
3212993	CHRYSLER	5.9	No Model	A/J	360	V 8	70-79
3212993	CHRYSLER	6.6	No Model	A/J	401	V 8	71-78
3212993	JEEP	5.9	No Model		360	V 8	71-91
3212993	JEEP	6.6	No Model		401	V 8	74-78
3212993	JEEP	6.6	No Model		401	V 8	74-78
3212993	NAVISTAR	6.6	No Model	AMC	401	V 8	75-84
32129993	CHRYSLER	5.9	No Model	F	360	V 8	77-79
32129993	CHRYSLER	5.9	No Model	F	360	V 8	80
32129993	CHRYSLER	5.9	No Model	I	360	V 8	83-87
3213809	CHRYSLER	3.8	No Model	A/J	232	L 6	64-79
3213809	CHRYSLER	4.2	No Model	C	258	L 6	70-83
3213809	CHRYSLER	4.2	No Model	C	258	L 6	83-89
3213809	CHRYSLER	4.2	No Model	C(2	258	L 6	83-89
3213943	CHRYSLER	5.9	No Model	A/J	360	V 8	70-79
3213943	CHRYSLER	5.9	No Model	N	360	V 8	83-88
3213943	CHRYSLER	6.6	No Model	A/J	401	V 8	71-78
3213947	CHRYSLER	5.0	No Model	A/J	304	V 8	70-79
3213948	CHRYSLER	5.9	GRAND WAGONEER	7	360	V 8	89-91
3213948	CHRYSLER	5.9	No Model	A/J	360	V 8	70-79
3213948	CHRYSLER	5.9	No Model	F	360	V 8	77-79
3213948	CHRYSLER	5.9	No Model	F	360	V 8	80
3213948	CHRYSLER	5.9	No Model	I	360	V 8	83-87
3213948	CHRYSLER	5.9	No Model	N	360	V 8	83-88
3216060	CHRYSLER	6.6	No Model	A/J	401	V 8	71-78
3216060	JEEP	6.6	No Model		401	V 8	74-78
3216086	CHRYSLER	5.0	No Model	A/J	304	V 8	70-79
3216086-1	CHRYSLER	5.0	No Model	A/J	304	V 8	70-79
3216086-2	CHRYSLER	5.0	No Model	A/J	304	V 8	70-79
3216090	CHRYSLER	5.9	GRAND WAGONEER	7	360	V 8	89-91
3216090	CHRYSLER	5.9	No Model	A/J	360	V 8	70-79
3216090	CHRYSLER	5.9	No Model	N	360	V 8	83-88
3216090	CHRYSLER	6.6	No Model	A/J	401	V 8	71-78
3216090	JEEP	5.9	No Model		360	V 8	71-91
3216090	NAVISTAR	6.6	No Model	AMC	401	V 8	75-84
3217259	CHRYSLER	3.8	No Model	A/J	232	L 6	64-79
3217259	CHRYSLER	4.2	No Model	C	258	L 6	70-83
3217259	CHRYSLER	4.2	No Model	C	258	L 6	83-89
3217259	CHRYSLER	4.2	No Model	C(2	258	L 6	83-89
3219993	JEEP	6.6	No Model		401	V 8	74-78
322	GM	5.3	No Model	O	324	V 8	54-56
3220502	CHRYSLER	5.9	GRAND WAGONEER	7	360	V 8	89-91
3220502	CHRYSLER	5.9	No Model	A/J	360	V 8	70-79

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
3220502	CHRYSLER	5.9	No Model	N	360	V 8	83-88
3220502	CHRYSLER	6.6	No Model	A/J	401	V 8	71-78
3220502	JEEP	6.6	No Model		401	V 8	74-78
3220503	CHRYSLER	5.9	GRAND WAGONEER	7	360	V 8	89-91
3220503	CHRYSLER	5.9	No Model	A/J	360	V 8	70-79
3220503	CHRYSLER	5.9	No Model	F	360	V 8	77-79
3220503	CHRYSLER	5.9	No Model	F	360	V 8	80
3220503	CHRYSLER	5.9	No Model	I	360	V 8	83-87
3220503	CHRYSLER	5.9	No Model	N	360	V 8	83-88
3220503	CHRYSLER	6.6	No Model	A/J	401	V 8	71-78
3220515	CHRYSLER	5.0	No Model	A/J	304	V 8	70-79
3222652	CHRYSLER	3.8	No Model	A/J	232	L 6	64-79
3222652	NAVISTAR	3.8	No Model		232	L 6	68-74
3224480	CHRYSLER	4.2	No Model	C	258	L 6	70-83
3224480	CHRYSLER	4.2	No Model	C	258	L 6	83-89
3224480	CHRYSLER	4.2	No Model	C(2)	258	L 6	83-89
3224490	CHRYSLER	3.8	No Model	A/J	232	L 6	64-79
3224490	CHRYSLER	4.2	No Model	C	258	L 6	70-83
3224490	CHRYSLER	4.2	No Model	C	258	L 6	83-89
3224490	CHRYSLER	4.2	No Model	C(2)	258	L 6	83-89
3224491	CHRYSLER	3.8	No Model	A/J	232	L 6	64-79
3224491	CHRYSLER	4.2	No Model	C	258	L 6	70-83
3224491	CHRYSLER	4.2	No Model	C	258	L 6	83-89
3224491	CHRYSLER	4.2	No Model	C(2)	258	L 6	83-89
3227258	CHRYSLER	3.8	No Model	A/J	232	L 6	64-79
3227258	CHRYSLER	4.2	No Model	C	258	L 6	70-83
3227258	CHRYSLER	4.2	No Model	C	258	L 6	83-89
3227258	CHRYSLER	4.2	No Model	C(2)	258	L 6	83-89
3227725	CHRYSLER	3.8	No Model	A/J	232	L 6	64-79
3227725	CHRYSLER	4.2	No Model	C	258	L 6	70-83
3227725	CHRYSLER	4.2	No Model	C	258	L 6	83-89
3227725	CHRYSLER	4.2	No Model	C(2)	258	L 6	83-89
3231475	CHRYSLER	5.9	GRAND WAGONEER	7	360	V 8	89-91
3231475	CHRYSLER	5.9	No Model	A/J	360	V 8	70-79
3231475	CHRYSLER	5.9	No Model	N	360	V 8	83-88
3231475	CHRYSLER	6.6	No Model	A/J	401	V 8	71-78
3231475	JEEP	6.6	No Model		401	V 8	74-78
3231480	CHRYSLER	5.0	No Model	A/J	304	V 8	70-79
3231480-2	CHRYSLER	5.0	No Model	A/J	304	V 8	70-79
3233324	CHRYSLER	5.0	No Model	A/J	304	V 8	70-79
3233344	CHRYSLER	5.9	GRAND WAGONEER	7	360	V 8	89-91
3233344	CHRYSLER	5.9	No Model	A/J	360	V 8	70-79
3233344	CHRYSLER	5.9	No Model	N	360	V 8	83-88
3233344	CHRYSLER	6.6	No Model	A/J	401	V 8	71-78
3233344	JEEP	5.9	No Model		360	V 8	71-91
3233344	JEEP	6.6	No Model		401	V 8	74-78
3233939	NAVISTAR	9.1	TD18		554	L 6	
3235480	CHRYSLER	4.2	No Model	C	258	L 6	70-83
3235480	CHRYSLER	4.2	No Model	C	258	L 6	83-89
3235480	CHRYSLER	4.2	No Model	C(2)	258	L 6	83-89
323770R1	NAVISTAR	4.0	784	D-246	246	L 4	
323770R4	NAVISTAR	4.0	784	D-246	246	L 4	
323771	NAVISTAR	4.6	560	D	282	L 6	
323771	NAVISTAR	5.0	BD308	BD	308	L 6	55-57
323771	NAVISTAR	5.0	No Model	G	308	L 6	
323771	NAVISTAR	5.0	No Model	U	308	L 6	
323771R	NAVISTAR	4.6	560	D	282	L 6	

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
323771R1	NAVISTAR	4.9	No Model	D	301	L 6	
323771R31	NAVISTAR	4.6	560	D	282	L 6	
323771R31	NAVISTAR	4.9	No Model	D	301	L 6	
323773	NAVISTAR	4.6	560	D	282	L 6	
323773	NAVISTAR	4.9	No Model	D	301	L 6	
323773	NAVISTAR	5.0	BD308	BD	308	L 6	55-57
323773	NAVISTAR	5.0	No Model	G	308	L 6	
323773	NAVISTAR	5.0	No Model	U	308	L 6	
323773R	NAVISTAR	5.5	TD-9A		335	L 4	
323773R	NAVISTAR	5.5	W9, TD-9A, T-9	G	335	L 4	
323773R	NAVISTAR	5.7	TD-9, 600, 650, SUPER	D	350	L 4	
323773R1	NAVISTAR	4.6	560	D	282	L 6	
3238882	GM	5.7	No Model	4	350	V 8	78-79
3238882	GM	5.7	No Model	L	350	V 8	76
3238882	GM	5.7	No Model	L	350	V 8	77-82
3238882	GM	5.7	No Model	L	350	V 8	83-86
3238882	GM	5.7	No Model	V	350	V 8	74-76
3238882	GM	5.7	No Model	Y	350	V 8	68-75
323939	NAVISTAR	9.6	TD20		585	L 6	
323939R1	NAVISTAR	7.0	TD20	DT	429	L 6	
323939R-1	NAVISTAR	7.0	TD20	DT	429	L 6	
323939R11	NAVISTAR	7.0	TD20	DT	429	L 6	
3241656	CHRYSLER	4.2	No Model	C	258	L 6	70-83
3241656	CHRYSLER	4.2	No Model	C	258	L 6	83-89
3241656	CHRYSLER	4.2	No Model	C(2	258	L 6	83-89
3241856	CHRYSLER	4.2	No Model	C	258	L 6	70-83
3242	CHRYSLER	2.5	No Model	E	150	L 4	89-93
3242	CHRYSLER	2.5	No Model	H	150	L 4	86-88
3242	CHRYSLER	2.5	No Model	U	150	L 4	84-86
324285	PACKARD	4.0	No Model		245	L 6	39-48
3242893	CHRYSLER	2.5	DAKOTA	P	150	L 4	91-02
3242893	CHRYSLER	2.5	No Model	E	150	L 4	89-93
3242893	CHRYSLER	2.5	No Model	H	150	L 4	86-88
3242893	CHRYSLER	2.5	No Model	U	150	L 4	84-86
3258379	GM	5.7	No Model		348	V 8	58-65
326	GM	1.5	SPECTRUM	K	92	L 4	85-87
326	ISUZU	1.5	I-MARK	K	90	L 4	85-88
326	ISUZU	1.5	No Model	7	90	L 4	85-89
326	ISUZU	1.5	No Model	9	90	L 4	87-89
326086	CHRYSLER	5.0	No Model	A/J	304	V 8	70-79
326392C91	NAVISTAR	2.5	No Model		152	L 4	61-68
327541	CUMMINS	7.7	PHASE 3	V8	470	V 8	
327541	CUMMINS	7.7	PHASE 4&5		470	V 8	
327544	CUMMINS	5.8	V352		352	V 6	
327544	CUMMINS	6.2	V378	V6	378	V 6	
3275441	CUMMINS	7.7	PHASE 3	V8	470	V 8	
3275441	CUMMINS	7.7	PHASE 4&5		470	V 8	
3275441	CUMMINS	8.3	V-504	504	504	V 8	
3275442	CUMMINS	9.1	TRIPLE NICKEL		555	V 8	
328770	NAVISTAR	3.8	460	D	236	L 6	
328770	NAVISTAR	3.8	No Model	UD	236	L 6	
329609	GM	4.8	No Model	T	292	L 6	63-73
329609	GM	4.8	No Model	T	292	L 6	74-77
329609	GM	4.8	No Model	T	292	L 6	78-90
3297185	GM	5.0	No Model	307	307	V 8	68-73
3297185	GM	5.4	No Model	L	327	V 8	68-69
329778R	NAVISTAR	3.8	460	D	236	L 6	

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
330	GM	5.6	No Model	B	340	V 8	64-67
33002686	CHRYSLER	4.0	No Model	S	242	L 6	91-97
3304570	CUMMINS	3.9	B SERIES	B	239	L 4	83-98
330545	GM	5.7	No Model	Y	350	V 8	68-75
330684	GM	6.0	No Model	B	366	V 8	68-90
330864	GM	6.0	No Model	B	366	V 8	68-90
330864	GM	7.0	No Model	L	427	V 8	66-90
330864	GM	7.4	No Model	S	454	V 8	76-79
330864	GM	7.4	No Model	W	454	V 8	80-86
330864	GM	7.4	No Model	Y	454	V 8	76-78
330864	GM	7.4	No Model	Z	454	V 8	70-75
330865	GM	5.0	No Model	G	305	V 8	76-79
330865	GM	6.0	No Model	B	366	V 8	68-90
330865	GM	6.5	No Model		396	V 8	65-72
330865	GM	7.0	No Model	L	427	V 8	66-90
330865	GM	7.4	No Model	L	454	V 8	75-76
330866	GM	6.0	No Model	B	366	V 8	68-90
330866	GM	7.0	No Model	L	427	V 8	66-90
330867	GM	7.0	No Model	L	427	V 8	66-90
331182	GM	4.8	No Model	T	292	L 6	63-73
331182	GM	4.8	No Model	T	292	L 6	74-77
331182	GM	4.8	No Model	T	292	L 6	78-90
331184	GM	4.1	No Model	D	250	L 6	77-78
331184	GM	4.1	No Model	Q	250	L 6	66-75
331184	GM	4.8	No Model	T	292	L 6	63-73
331184	GM	4.8	No Model	T	292	L 6	74-77
331184	GM	4.8	No Model	T	292	L 6	78-90
3317	GM	5.0	No Model	9	307	V 8	87-90
3317	GM	5.0	No Model	Y	307	V 8	81-88
3317	GM	5.0	No Model	Y	307	V 8	81-88
332024R2	NAVISTAR	6.7	1256	DT	407	L 6	
332024R2	NAVISTAR	6.7	856	D	407	L 6	
332222	NAVISTAR	9.4	TD20	D	573	V 8	
332222R1	NAVISTAR	9.4	No Model	UDT	574	V 8	
332443	NAVISTAR	9.6	TD20		585	L 6	
332444	NAVISTAR	9.6	TD20		585	L 6	
333862	GM	6.6	No Model	L	400	V 8	70-78
333881	GM	5.7	No Model	L	350	V 8	76
333881	GM	5.7	No Model	V	350	V 8	74-76
333881	GM	5.7	No Model	Y	350	V 8	68-75
333882	GM	5.7	No Model	4	350	V 8	78-79
333882	GM	5.7	No Model	L	350	V 8	76
333882	GM	5.7	No Model	L	350	V 8	77-82
333882	GM	5.7	No Model	L	350	V 8	83-86
333882	GM	5.7	No Model	P	350	V 8	80-83
333882	GM	5.7	No Model	V	350	V 8	74-76
333882	GM	5.7	No Model	Y	350	V 8	68-75
333882	GM	6.6	No Model	L	400	V 8	70-78
333882	GM	6.6	No Model	M	400	V 8	75-76
333882	GM	6.6	No Model	R	400	V 8	77-80
3338882	GM	6.6	No Model	L	400	V 8	70-78
3338882	GM	6.6	No Model	M	400	V 8	75-76
3338882	GM	6.6	No Model	R	400	V 8	77-80
334005	GM	2.0	VEGA	COSW	122	L 4	75-76
3341	HERCULES	2.7	G1600	F	163	L 4	
3344	CHRYSLER	5.9	GRAND WAGONEER	7	360	V 8	89-91
3363	GM	4.1	No Model	D	250	L 6	81-85

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
3364	GM	4.1	No Model	D	250	L 6	77-78
3364	GM	4.1	No Model	D	250	L 6	78-80
3364	GM	4.1	No Model	D	250	L 6	81-85
336765	GM	6.0	No Model	B	366	V 8	68-90
336765	GM	7.0	No Model	L	427	V 8	66-90
336765	GM	7.4	No Model	Z	454	V 8	70-75
336768	GM	7.0	No Model	L	427	V 8	66-90
336781	GM	7.4	No Model	L	454	V 8	75-76
336781	GM	7.4	No Model	S	454	V 8	76-79
336781	GM	7.4	No Model	S	454	V 8	80-81
336781	GM	7.4	No Model	W	454	V 8	80-86
336781	GM	7.4	No Model	Y	454	V 8	76-78
336781	GM	7.4	No Model	Z	454	V 8	70-75
337125	NAVISTAR	4.3	400		264	L 6	63-74
337125	NAVISTAR	4.3	No Model	266	266	V 8	66-71
337126	NAVISTAR	5.0	304A		304	V 8	58-80
337185C91	NAVISTAR	2.5	No Model		152	L 4	61-68
33M	NISSAN	1.6	No Model	E16I	97	L 4	86-88
33M	NISSAN	1.6	No Model	E16S	97	L 4	86-88
33M	NISSAN	1.6	PULSAR	E16	97	L 4	83-86
34	TOYOTA	2.0	CAMRY	3SFE	122	L 4	86-91
340292	GM	5.7	No Model	L	350	V 8	77-82
340292	GM	5.7	No Model	M	350	V 8	79-88
34040	TOYOTA	2.0	CELICA	18R-C	120	L 4	71-74
34040	TOYOTA	2.0	CELICA	18R-C	120	L 4	71-74
34054	TOYOTA	2.0	CELICA	18R-C	120	L 4	71-74
34054	TOYOTA	2.0	CELICA	18R-C	120	L 4	71-74
341275	NAVISTAR	13.4	A SERIES		817	L 6	
341275	NAVISTAR	13.4	B SERIES	817-B	817	L 6	
341275	NAVISTAR	13.4	C SERIES	817-C	817	L 6	
341275R22	NAVISTAR	13.4	A SERIES		817	L 6	
341276	NAVISTAR	13.4	A SERIES		817	L 6	
341276	NAVISTAR	13.4	B SERIES	817-B	817	L 6	
341276	NAVISTAR	13.4	C SERIES	817-C	817	L 6	
341276R22	NAVISTAR	13.4	A SERIES		817	L 6	
341661R	NAVISTAR	13.4	A SERIES		817	L 6	
341661R	NAVISTAR	13.4	B SERIES	817-B	817	L 6	
341661R	NAVISTAR	13.4	C SERIES	817-C	817	L 6	
341662R	NAVISTAR	13.4	A SERIES		817	L 6	
341662R	NAVISTAR	13.4	B SERIES	817-B	817	L 6	
341662R	NAVISTAR	13.4	C SERIES	817-C	817	L 6	
3418640	CHRYSLER	5.9	No Model	L	360	V 8	80
3418840-2	CHRYSLER	5.9	No Model	L	360	V 8	80
3418915	CHRYSLER	5.6	No Model		340	V 8	68-73
3418915	CHRYSLER	5.9	No Model	F	360	V 8	77-79
3418915	CHRYSLER	5.9	No Model	J	360	V 8	71-75
3418915	CHRYSLER	5.9	No Model	J	360	V 8	76-79
3418915	CHRYSLER	5.9	No Model	K	360	V 8	74-76
3418915	CHRYSLER	5.9	No Model	K	360	V 8	77-79
3418915	CHRYSLER	5.9	No Model	K	360	V 8	80
3418915	CHRYSLER	5.9	No Model	L	360	V 8	73-75
3418915	CHRYSLER	5.9	No Model	L	360	V 8	76-78
3418915	CHRYSLER	5.9	No Model	L	360	V 8	79
3418915	CHRYSLER	5.9	No Model	L	360	V 8	80
3418916	CHRYSLER	5.9	No Model	K	360	V 8	80
3418916	CHRYSLER	5.9	No Model	L	360	V 8	80
3418995	CHRYSLER	5.9	No Model	L	360	V 8	80

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
3418996	CHRYSLER	5.9	No Model	L	360	V 8	80
34286	MACK	16.3	E9		998	V 8	90-01
343771	GM	6.0	No Model	B	366	V 8	68-90
343771	GM	7.0	No Model	L	427	V 8	66-90
343771	GM	7.4	No Model	S	454	V 8	76-79
343771	GM	7.4	No Model	W	454	V 8	80-86
343771	GM	7.4	No Model	Y	454	V 8	76-78
343771	GM	7.4	No Model	Z	454	V 8	70-75
343772	GM	6.0	No Model	B	366	V 8	68-90
343772	GM	7.0	No Model	L	427	V 8	66-90
343772	GM	7.4	No Model	S	454	V 8	76-79
343772	GM	7.4	No Model	S	454	V 8	80-81
343772	GM	7.4	No Model	W	454	V 8	80-86
343772	GM	7.4	No Model	Y	454	V 8	76-78
343772	GM	7.4	No Model	Z	454	V 8	70-75
345129	NAVISTAR	9.6	TD20		585	L 6	
345129R94	NAVISTAR	7.0	TD20	DT	429	L 6	
345149	NAVISTAR	9.6	TD20		585	L 6	
345149R	NAVISTAR	5.9	806	D	361	L 6	60-72
345149R	NAVISTAR	6.7	1256	DT	407	L 6	
345149R	NAVISTAR	6.7	856	D	407	L 6	
345149R1	NAVISTAR	5.9	806	D	361	L 6	60-72
345149R1	NAVISTAR	6.7	1256	DT	407	L 6	
345149R1	NAVISTAR	6.7	856	D	407	L 6	
345149R2	NAVISTAR	5.9	806	D	361	L 6	60-72
345149R2	NAVISTAR	6.7	1256	DT	407	L 6	
345149R2	NAVISTAR	6.7	856	D	407	L 6	
345149R3	NAVISTAR	6.7	1256	DT	407	L 6	
345149R3	NAVISTAR	6.7	856	D	407	L 6	
345149R31	NAVISTAR	5.9	806	D	361	L 6	60-72
345149R31	NAVISTAR	6.7	1256	DT	407	L 6	
345149R31	NAVISTAR	6.7	856	D	407	L 6	
3462346	CHRYSLER	5.9	No Model	TRK	361	V 8	57-78
3462346	CHRYSLER	6.3	No Model		383	V 8	59-71
3462346	CHRYSLER	6.6	No Model	N	400	V 8	72-78
3462346	CHRYSLER	7.2	No Model		440	V 8	76-76
3462346	CHRYSLER	7.2	No Model	T	440	V 8	66-73
3462348	CHRYSLER	5.9	No Model	TRK	361	V 8	57-78
3462348	CHRYSLER	6.3	No Model		383	V 8	59-71
346236	GM	7.4	No Model	L	454	V 8	75-76
346236	GM	7.4	No Model	N	454	V 8	87-90
346236	GM	7.4	No Model	S	454	V 8	76-79
346236	GM	7.4	No Model	S	454	V 8	80-81
346236	GM	7.4	No Model	W	454	V 8	80-86
346236	GM	7.4	No Model	W	454	V 8	87-90
346236	GM	7.4	No Model	Y	454	V 8	76-78
346236	GM	7.4	No Model	Z	454	V 8	70-75
34-67	TOYOTA	1.6	COROLLA	4A-C	97	L 4	83-87
34-68	TOYOTA	1.6	COROLLA	4A-C	97	L 4	83-87
3472346	CHRYSLER	7.2	No Model		440	V 8	76-76
348238	GM	7.4	No Model	S	454	V 8	76-79
348238	GM	7.4	No Model	W	454	V 8	80-86
348238	GM	7.4	No Model	Y	454	V 8	76-78
3485	GM	3.3	No Model	N	204	V 6	89-93
3485	GM	3.8	No Model	3	231	V 6	87-88
3485	GM	3.8	No Model	C	231	V 6	88
3485	GM	3.8	No Model	C	231	V 6	88-91

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
3485	GM	3.8	No Model	L	231	V 6	91-94
348915A	CHRYSLER	5.9	No Model	J	360	V 8	71-75
348915A	CHRYSLER	5.9	No Model	J	360	V 8	76-79
348915A	CHRYSLER	5.9	No Model	K	360	V 8	74-76
348915A	CHRYSLER	5.9	No Model	K	360	V 8	77-79
348915A	CHRYSLER	5.9	No Model	K	360	V 8	80
348915A	CHRYSLER	5.9	No Model	L	360	V 8	73-75
348915A	CHRYSLER	5.9	No Model	L	360	V 8	76-78
348915A	CHRYSLER	5.9	No Model	L	360	V 8	79
348915A	CHRYSLER	5.9	No Model	L	360	V 8	80
348915A	CHRYSLER	5.9	No Model	S	360	V 8	80-82
348915A	CHRYSLER	5.9	No Model	T	360	V 8	77-79
348915A	CHRYSLER	5.9	No Model	T	360	V 8	80-82
348915A	CHRYSLER	5.9	No Model	U	360	V 8	81-82
348915A	CHRYSLER	5.9	No Model	V	360	V 8	81
348915A	CHRYSLER	5.9	No Model	V	360	V 8	82
348915A	CHRYSLER	5.9	No Model	W	360	V 8	83-88
348915-A	CHRYSLER	5.9	No Model	F	360	V 8	77-79
348915-A	CHRYSLER	5.9	No Model	F	360	V 8	80
348915-A	CHRYSLER	5.9	No Model	I	360	V 8	83-87
348915-A	CHRYSLER	5.9	No Model	K	360	V 8	80
348915-A	CHRYSLER	5.9	No Model	L	360	V 8	80
348916	CHRYSLER	5.9	No Model	F	360	V 8	77-79
348916	CHRYSLER	5.9	No Model	F	360	V 8	80
348916	CHRYSLER	5.9	No Model	I	360	V 8	83-87
348916	CHRYSLER	5.9	No Model	K	360	V 8	80
348916	CHRYSLER	5.9	No Model	L	360	V 8	80
349369R	NAVISTAR	7.5	TD-14		461	L 4	
349369R1	NAVISTAR	7.5	TD-14		461	L 4	
3512015X	CHRYSLER	7.0	HEMI	H J R	426	V 8	66-71
351649R	NAVISTAR	2.0	SUPER C		123	L 4	
351649R1	NAVISTAR	2.0	SUPER C		123	L 4	
3520(6)2801	MERCEDES BENZ	5.7	OM352	352	346	L 6	
3521036	GM	4.5	No Model	3	272	V 8	90
352625	GM	7.4	No Model	Z	454	V 8	70-75
353049	GM	6.5	No Model		396	V 8	65-72
353049	GM	7.4	No Model	L	454	V 8	75-76
353049	GM	7.4	No Model	S	454	V 8	76-79
353049	GM	7.4	No Model	S	454	V 8	80-81
353049	GM	7.4	No Model	W	454	V 8	80-86
353049	GM	7.4	No Model	Y	454	V 8	76-78
353049	GM	7.4	No Model	Z	454	V 8	70-75
3533990	GM	4.6	NORTHSTAR	9	279	V 8	93-03
353933C	NAVISTAR	9.0	1468	DV	550	V 8	
353933C1	NAVISTAR	9.0	1468	DV	550	V 8	
353933C1	NAVISTAR	9.0	No Model	G	549	V 8	60-78
353933C2	NAVISTAR	9.0	1468	DV	550	V 8	
354434	GM	4.3	No Model	G	262	V 8	75-76
354434	GM	5.0	No Model	307	307	V 8	68-73
354434	GM	5.0	No Model	7	305	V 8	82
354434	GM	5.0	No Model	G	305	V 8	76-79
354434	GM	5.0	No Model	H	305	V 8	78-88
354434	GM	5.0	No Model	Q	305	V 8	76
354434	GM	5.0	No Model	U	305	V 8	77-79
35502E	WAUKESHA	6.6	MZA		404	L 6	
355046R	NAVISTAR	2.0	SUPER C		123	L 4	
355434	GM	5.0	No Model	G	305	V 8	76-79

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
355434	GM	5.0	No Model	H	305	V 8	78-88
355719	GM	2.3	No Model	B	140	L 4	74-75
355719	GM	2.3	VEGA	A	140	L 4	74-75
355719	GM	2.3	VEGA	A	140	L 4	76-77
355719	GM	2.3	VEGA	B	140	L 6	76-77
355719	GM	2.3	VEGA	V	140	L 4	71-76
355795	GM	4.1	No Model	D	250	L 6	77-78
355795	GM	4.1	No Model	D	250	L 6	78-80
355795	GM	4.1	No Model	D	250	L 6	81-85
357151	GM	1.4	CHEVETTE	I	85	L 4	76-77
357151	GM	1.6	CHEVETTE	9	98	L 4	80-82
357151	GM	1.6	CHEVETTE	C	98	L 4	82-87
357151	GM	1.6	CHEVETTE	E	98	L 4	76-77
357634	GM	2.3	VEGA	A	140	L 4	76-77
357634	GM	2.3	VEGA	B	140	L 6	76-77
357634	GM	2.3	VEGA	V	140	L 4	71-76
357635	GM	2.3	VEGA	A	140	L 4	76-77
357635	GM	2.3	VEGA	B	140	L 6	76-77
357635	GM	2.3	VEGA	V	140	L 4	71-76
357841	GM	5.0	No Model	U	305	V 8	77-79
358741	GM	5.0	No Model	G	305	V 8	76-79
358741	GM	5.0	No Model	H	305	V 8	78-88
358741	GM	5.0	No Model	Q	305	V 8	76
358741	GM	5.0	No Model	U	305	V 8	77-79
359489	NAVISTAR	5.7	No Model		345	V 8	76-81
359489C	NAVISTAR	5.7	No Model		345	V 8	76-81
359489C1	NAVISTAR	5.7	No Model		345	V 8	76-81
359489C2	NAVISTAR	5.7	No Model		345	V 8	76-81
359489C3	NAVISTAR	5.7	No Model		345	V 8	76-81
359981	GM	2.3	No Model	B	140	L 4	74-75
359981	GM	2.3	VEGA	A	140	L 4	74-75
359981	GM	2.3	VEGA	A	140	L 4	76-77
359981	GM	2.3	VEGA	B	140	L 6	76-77
359981	GM	2.3	VEGA	V	140	L 4	71-76
3-6	TOYOTA	1.5	TERCEL	1A-C	89	L 4	80-80
361184	GM	4.8	No Model	T	292	L 6	63-73
361184	GM	4.8	No Model	T	292	L 6	74-77
361184	GM	4.8	No Model	T	292	L 6	78-90
3614433	CHRYSLER	7.0	HEMI	H J R	426	V 8	66-71
3614476	CHRYSLER	5.9	No Model	K	360	V 8	80
3614476	CHRYSLER	6.6	No Model	N	400	V 8	72-78
3614476	CHRYSLER	7.2	No Model		440	V 8	76-76
361479R	NAVISTAR	2.7	300, 300HC	C(1)	169	L 4	
361479R1	NAVISTAR	2.7	300, 300HC	C(1)	169	L 4	
3614850	CHRYSLER	2.8	BARRACUDA		170	L 6	60-71
3614850	CHRYSLER	3.2	No Model	B	198	L 6	74-74
3614850	CHRYSLER	3.7	No Model		225	L 6	76-87
3614850	CHRYSLER	3.7	No Model	B	225	L 6	69-80
3614850	CHRYSLER	3.7	No Model	C	225	L 6	60-80
361665	NAVISTAR	2.5	No Model		152	L 4	61-68
361665	NAVISTAR	5.0	304A		304	V 8	58-80
361665C	NAVISTAR	2.5	No Model		152	L 4	61-68
361665C	NAVISTAR	5.0	304A		304	V 8	58-80
361665C-1	NAVISTAR	5.0	304A		304	V 8	58-80
361667	NAVISTAR	6.4	No Model		392	V 8	56-83
361959	GM	7.4	No Model	L	454	V 8	75-76
361959	GM	7.4	No Model	S	454	V 8	76-79

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
361959	GM	7.4	No Model	S	454	V 8	80-81
361959	GM	7.4	No Model	W	454	V 8	80-86
361959	GM	7.4	No Model	W	454	V 8	87-90
361959	GM	7.4	No Model	Y	454	V 8	76-78
361959	GM	7.4	No Model	Z	454	V 8	70-75
362174D	NAVISTAR	4.3	400		264	L 6	63-74
362174R	NAVISTAR	4.6	450	C	281	L 4	
362174-R1	NAVISTAR	4.3	T4, T6, T9, 656, SUPER M,	C	264	L 4	50-62
362174R-1	NAVISTAR	4.3	400		264	L 6	63-74
362920R	NAVISTAR	4.6	450	C	281	L 4	
362920R1	NAVISTAR	4.6	450	C	281	L 4	
362920R1	NAVISTAR	4.6	450	D281	281	L 4	
3633123	GM	7.7	No Model	R	472	V 8	68-74
3633450	GM	7.7	No Model	R	472	V 8	68-74
3633544	GM	7.7	No Model	R	472	V 8	68-74
3633544	GM	8.2	No Model		500	V 8	70-73
3633544	GM	8.2	No Model	S	500	V 8	70-76
3633964	GM	8.2	No Model		500	V 8	70-73
3633964	GM	8.2	No Model	S	500	V 8	70-76
3635300	CHRYSLER	5.2	No Model	G	318	V 8	69-76
364017	NAVISTAR	2.7	300, 300HC	C(1)	169	L 4	
364017	NAVISTAR	2.8	350, 350H, 350HC	C(1)	175	L 4	
3644850	CHRYSLER	3.7	No Model		225	L 6	76-87
364586R1	NAVISTAR	4.6	450	C	281	L 4	
364586R1	NAVISTAR	4.6	450	D281	281	L 4	
3660	HERCULES	5.6	No Model	JXLD	339	L 6	
3660161101	MERCEDES BENZ	6.0	OM366		366	L 6	87-94
3661	CHRYSLER	4.0	No Model	M	242	L 6	87-88
3661	CHRYSLER	4.2	No Model	C	258	L 6	83-89
3661	CHRYSLER	4.2	No Model	C(2)	258	L 6	83-89
3661	CHRYSLER	4.2	No Model	T	258	L 6	90
366206R	NAVISTAR	2.5	2504	C	153	L 4	
366299R	NAVISTAR	2.2	2404	C(1)	135	L 4	
366299R	NAVISTAR	2.2	2404	C(2)	135	L 4	
366765	GM	7.0	No Model	L	427	V 8	66-90
366852	GM	2.3	VEGA	A	140	L 4	76-77
366852	GM	2.3	VEGA	B	140	L 6	76-77
366852	GM	2.3	VEGA	V	140	L 4	71-76
3671476	CHRYSLER	3.2	No Model	B	198	L 6	74-74
3671487	CHRYSLER	5.9	No Model	S	360	V 8	80-82
3671585	CHRYSLER	5.2	No Model	P	318	V 8	83-91
3671585	CHRYSLER	5.2	No Model	R	318	V 8	83-87
3671587	CHRYSLER	5.2	No Model	N	318	V 8	81-85
3671587	CHRYSLER	5.6	No Model		340	V 8	68-73
3671587	CHRYSLER	5.9	No Model	F	360	V 8	77-79
3671587	CHRYSLER	5.9	No Model	F	360	V 8	80
3671587	CHRYSLER	5.9	No Model	J	360	V 8	71-75
3671587	CHRYSLER	5.9	No Model	J	360	V 8	76-79
3671587	CHRYSLER	5.9	No Model	K	360	V 8	74-76
3671587	CHRYSLER	5.9	No Model	K	360	V 8	77-79
3671587	CHRYSLER	5.9	No Model	K	360	V 8	80
3671587	CHRYSLER	5.9	No Model	L	360	V 8	73-75
3671587	CHRYSLER	5.9	No Model	L	360	V 8	76-78
3671587	CHRYSLER	5.9	No Model	L	360	V 8	79
3671587	CHRYSLER	5.9	No Model	L	360	V 8	80
3671619	CHRYSLER	3.2	No Model	B	198	L 6	74-74
3671619	CHRYSLER	3.7	No Model		225	L 6	76-87

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
3671640	CHRYSLER	6.6	No Model	N	400	V 8	72-78
3671640	CHRYSLER	7.2	No Model		440	V 8	76-76
3671857	CHRYSLER	5.9	No Model	T	360	V 8	77-79
3671857	CHRYSLER	5.9	No Model	T	360	V 8	80-82
3671857	CHRYSLER	5.9	No Model	V	360	V 8	81
3671857	CHRYSLER	5.9	No Model	V	360	V 8	82
3671857	CHRYSLER	5.9	No Model	W	360	V 8	83-88
367188	NAVISTAR	3.6	460	C	221	L 6	
367188R1	NAVISTAR	3.6	460	C	221	L 6	
367188R1	NAVISTAR	4.3	560	C(1)	263	L 6	
367188R1	NAVISTAR	4.3	T4, T6, T9, 656, SUPER M,	C	264	L 4	50-62
3673234	CHRYSLER	5.2	No Model	P	318	V 8	83-91
3673234	CHRYSLER	5.2	No Model	R	318	V 8	83-87
367450	GM	4.3	No Model	G	262	V 8	75-76
3688447	CHRYSLER	3.7	No Model		225	L 6	76-87
3688447	CHRYSLER	3.7	No Model	B	225	L 6	69-80
3688447	CHRYSLER	3.7	No Model	C	225	L 6	60-80
3695447	CHRYSLER	3.7	No Model		225	L 6	76-87
3698447	CHRYSLER	3.2	No Model	B	198	L 6	74-74
3698447	CHRYSLER	3.7	No Model		225	L 6	76-87
3698447	CHRYSLER	3.7	No Model	B	225	L 6	69-80
3698447	CHRYSLER	3.7	No Model	C	225	L 6	60-80
3698447	CHRYSLER	3.7	No Model	D	225	L 6	77-80
3698447-1	CHRYSLER	3.7	No Model		225	L 6	76-87
3698461	CHRYSLER	7.2	No Model		440	V 8	76-76
3698995	CHRYSLER	3.7	No Model		225	L 6	76-87
36998615	CHRYSLER	5.2	No Model	P	318	V 8	83-91
36998615	CHRYSLER	5.2	No Model	R	318	V 8	83-87
37	FORD	1.1	KSG 1.1		67	L 4	93-98
37	FORD	1.6	INDUSTRIAL		98	L 4	78-93
37	FORD	1.6	KSG 1.6		98	L 4	78-96
37	FORD	1.6	PINTO,CAPRI	W	98	L 4	70-73
37	FORD	1.6	PINTO,FESTIVA		98	L 4	76-80
3700	CHRYSLER	1.7	ALLIANCE	A	105	L 4	85-87
3700	RENAULT	1.7	No Model	A	105	L 4	85-87
3701886	GM	3.9	No Model		235	L 6	49-62
3701887	GM	3.9	No Model		235	L 6	49-62
3701889	GM	3.9	No Model		235	L 6	49-62
3703523	GM	4.3	No Model	(1)	265	V 8	55-57
3703570	GM	4.2	No Model		261	L 6	54-62
3703570	GM	4.3	No Model		261	L 6	59-62
3705306	GM	4.3	No Model	(1)	265	V 8	55-57
370696	GM	4.1	No Model	D	250	L 6	77-78
370696	GM	4.1	No Model	D	250	L 6	78-80
370696	GM	4.1	No Model	D	250	L 6	81-85
370696	GM	6.5	No Model		396	V 8	65-72
3708570	GM	4.2	No Model		261	L 6	54-62
3708570	GM	4.3	No Model		261	L 6	59-62
370896	GM	4.8	No Model	T	292	L 6	63-73
370896	GM	4.8	No Model	T	292	L 6	74-77
370896	GM	4.8	No Model	T	292	L 6	78-90
371	GM	6.0	ESCALADE	N	364	V 8	02-03
371	GM	6.0	No Model	U	364	V 8	99-04
3711604A	PERKINS	3.9	236	A	236	L 4	
3711604A	PERKINS	3.9	236	D	236	L 4	
3711604A	PERKINS	3.9	236	D(1)	236	L 4	
3711604-A	PERKINS	3.9	236	D	236	L 4	

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
3711604-A	PERKINS	3.9	236	D(1)	236	L 4	
3711604-A	PERKINS	3.9	236	G	236	L 4	
3711604-A	PERKINS	4.1	248	D	248	L 4	
3711604-A	PERKINS	4.1	248	D(2)	248	L 4	
37116140	ALLIS CHALMERS	2.5	160	D	152	L 3	
37116140	PERKINS	2.5	152	D	152	L 3	
37116140	PERKINS	2.5	152	D(2)	152	L 3	
37116140	PERKINS	2.5	152	D(3)	152	L 3	
37116140	PERKINS	2.5	152	D(4)	152	L 3	
37116140	PERKINS	2.5	152	G	152	L 3	
37116180	ALLIS CHALMERS	2.5	160	D	152	L 3	
37116180	PERKINS	2.5	152	D	152	L 3	
37116180	PERKINS	2.5	152	D(2)	152	L 3	
37116180	PERKINS	2.5	152	D(3)	152	L 3	
37116180	PERKINS	2.5	152	D(4)	152	L 3	
37116180	PERKINS	2.5	152	G	152	L 3	
3711618A/5	ALLIS CHALMERS	2.5	160	D	152	L 3	
3711618A/5	PERKINS	2.5	152	D	152	L 3	
3711618A/5	PERKINS	2.5	152	D(2)	152	L 3	
3711618A/5	PERKINS	2.5	152	D(3)	152	L 3	
3711618A/S	PERKINS	2.5	152	D	152	L 3	
3711618A/S	PERKINS	2.5	152	D(2)	152	L 3	
3711618A/S	PERKINS	2.5	152	D(3)	152	L 3	
3711618A/S	PERKINS	2.5	152	D(4)	152	L 3	
3711618A/S	PERKINS	2.5	152	G	152	L 3	
37116190	PERKINS	2.5	152	G	152	L 3	
371161901S	PERKINS	2.5	152	D	152	L 3	
371161901S	PERKINS	2.5	152	D(3)	152	L 3	
371161901S	PERKINS	2.5	152	D(4)	152	L 3	
3711620	PERKINS	5.2	318		318	L 4	
37116200	MASSEY FERGUSON	5.2	4.318		318	L 4	
37116200	PERKINS	5.0	302		302	L 4	
37116200	PERKINS	5.2	318		318	L 4	
37116204	PERKINS	5.2	318		318	L 4	
37116210	PERKINS	3.5	212		212	L 4	
37116230	PERKINS	3.3	203	G	203	L 4	
37116240	MASSEY FERGUSON	5.2	4.318		318	L 4	
37116240	PERKINS	5.2	318		318	L 4	
37116240-1	MASSEY FERGUSON	5.2	4.318		318	L 4	
37116240-1	PERKINS	5.2	318		318	L 4	
3711627A-1	PERKINS	3.2	192	D	192	L 4	
3711627A-1	PERKINS	3.3	203	D	203	L 4	
3711627A-2	PERKINS	3.3	203	D	203	L 4	
3711627A-2X	PERKINS	3.2	192	D	192	L 4	
3711627A-2X	PERKINS	3.3	203	D	203	L 4	
37116300-3	PERKINS	3.9	236	G	236	L 4	
37116350	PERKINS	5.0	302		302	L 4	
37116360	PERKINS	3.2	192	D	192	L 4	
37116360	PERKINS	3.3	203	D	203	L 4	
37116360	PERKINS	5.0	302		302	L 4	
3711640	ALLIS CHALMERS	2.5	160	D	152	L 3	
3711640	PERKINS	2.5	152	D	152	L 3	
3711640	PERKINS	2.5	152	D(2)	152	L 3	
3711640	PERKINS	2.5	152	D(3)	152	L 3	
3711640019	PERKINS	1.8	108	D	107	L 4	
37116410	PERKINS	3.3	203	D	203	L 4	
37116410	PERKINS	3.3	203	G	203	L 4	

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
37116440	PERKINS	3.9	236	A	236	L 4	
37116440	PERKINS	3.9	236	D	236	L 4	
37116440	PERKINS	3.9	236	D(1)	236	L 4	
37116440	PERKINS	3.9	236	G	236	L 4	
37116440	PERKINS	4.1	248	D	248	L 4	
37116440	PERKINS	4.1	248	D(2)	248	L 4	
37116440/4	PERKINS	3.9	236	A	236	L 4	
37116440/4	PERKINS	3.9	236	D	236	L 4	
37116440/4	PERKINS	3.9	236	D(1)	236	L 4	
37116481	PERKINS	3.9	236	G	236	L 4	
37116500	PERKINS	1.8	107	D	107	L 4	
37116500	PERKINS	1.8	108	D	107	L 4	
37116500/3	PERKINS	1.6	.99	D	99	L 4	
37116500/3	PERKINS	1.8	108	D	107	L 4	
37116580	PERKINS	5.8	354		354	L 6	
37116580	PERKINS	5.8	354.1		354	L 6	
37116580	PERKINS	5.8	354.2		354	L 6	
37116580	PERKINS	5.8	3544		354	L 6	
37116590	PERKINS	1.8	107	D	107	L 4	
37116590	PERKINS	1.8	108	D	107	L 4	
37116590-6	PERKINS	1.8	107	D	107	L 4	
37116660	OLIVER	5.8	1850		354	L 6	
37116660	PERKINS	5.8	354		354	L 6	
37116660	PERKINS	5.8	354.1		354	L 6	
37116660	PERKINS	5.8	354.2		354	L 6	
37116660	PERKINS	5.8	3544		354	L 6	
37116660-8	PERKINS	5.8	354.1		354	L 6	
37116660-8	PERKINS	5.8	354.2		354	L 6	
37116660-8	PERKINS	5.8	3543		354	L 6	
37116660-8	PERKINS	5.8	3544		354	L 6	
37116660-8	PERKINS	5.8	3544	1	354	L 6	
37116669-8	PERKINS	5.8	354		354	L 6	
37116669-8	PERKINS	5.8	354.1		354	L 6	
37116669-8	PERKINS	5.8	354.2		354	L 6	
37116669-8	PERKINS	5.8	3544		354	L 6	
37116680	OLIVER	5.8	1850		354	L 6	
37116680	PERKINS	5.8	354		354	L 6	
37116680	PERKINS	5.8	354.1		354	L 6	
37116680	PERKINS	5.8	354.2		354	L 6	
37116680	PERKINS	5.8	3544		354	L 6	
37116680-8	PERKINS	5.8	354.1		354	L 6	
37116680-8	PERKINS	5.8	354.2		354	L 6	
37116680-8	PERKINS	5.8	3543		354	L 6	
37116680-8	PERKINS	5.8	3544		354	L 6	
37116680-8	PERKINS	5.8	3544	1	354	L 6	
37116690-6	PERKINS	5.8	354		354	L 6	
37116690-6	PERKINS	5.8	354.1		354	L 6	
37116690-6	PERKINS	5.8	354.2		354	L 6	
37116690-6	PERKINS	5.8	3544		354	L 6	
37116740	PERKINS	5.8	354.1		354	L 6	
371168	PERKINS	2.5	152	D	152	L 3	
371168	PERKINS	2.5	152	D(2)	152	L 3	
371168	PERKINS	2.5	152	D(3)	152	L 3	
371168	PERKINS	2.5	152	D(4)	152	L 3	
371168	PERKINS	2.5	152	G	152	L 3	
3711680/3	ALLIS CHALMERS	2.5	160	D	152	L 3	
37116800	PERKINS	2.5	152	D	152	L 3	

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
37116800	PERKINS	2.5	152	D(2)	152	L 3	
37116800	PERKINS	2.5	152	D(3)	152	L 3	
37116800	PERKINS	2.5	152	D(4)	152	L 3	
37116800	PERKINS	2.5	152	G	152	L 3	
37116820-1	PERKINS	3.9	236	A	236	L 4	
37116820-1	PERKINS	3.9	236	D	236	L 4	
37116820-1	PERKINS	3.9	236	D(1)	236	L 4	
37116820-1	PERKINS	3.9	236	G	236	L 4	
37116820-1	PERKINS	4.1	248	D	248	L 4	
37116820-1	PERKINS	4.1	248	D(2)	248	L 4	
3711683-A	PERKINS	3.9	236	A	236	L 4	
3711683-A	PERKINS	3.9	236	D	236	L 4	
3711683-A	PERKINS	3.9	236	D(1)	236	L 4	
3711683-A	PERKINS	3.9	236	G	236	L 4	
3711683-A	PERKINS	4.1	248	D	248	L 4	
3711683-A	PERKINS	4.1	248	D(2)	248	L 4	
3711683-A1	PERKINS	3.9	236	G	236	L 4	
3711690A/3	PERKINS	6.1	372	D	372	L 6	
3711690A/5	PERKINS	5.8	3544	1	354	L 6	
3711690A/3	PERKINS	6.1	372		372	L 6	
3711694/5	PERKINS	4.0	1000	TURBO	243	L 4	88-96
3711696A-1	PERKINS	3.9	236	A	236	L 4	
3711696A-1	PERKINS	3.9	236	D	236	L 4	
3711696A-1	PERKINS	3.9	236	D(1)	236	L 4	
3711696A-1	PERKINS	3.9	236	G	236	L 4	
3711696A-1	PERKINS	4.1	248	D	248	L 4	
3711696A-1	PERKINS	4.1	248	D(2)	248	L 4	
37116990	PERKINS	3.9	236	A	236	L 4	
37116990	PERKINS	3.9	236	D	236	L 4	
37116990	PERKINS	3.9	236	D(1)	236	L 4	
37116990	PERKINS	3.9	236	G	236	L 4	
37116990	PERKINS	4.1	248	D	248	L 4	
37116990	PERKINS	4.1	248	D(2)	248	L 4	
37116990/1	PERKINS	3.9	236	A	236	L 4	
37116990/1	PERKINS	3.9	236	D	236	L 4	
37116990/1	PERKINS	3.9	236	D(1)	236	L 4	
37116990/1	PERKINS	4.1	248	D	248	L 4	
37116990/1	PERKINS	4.1	248	D(2)	248	L 4	
371177702	PERKINS	8.9	540		540	V 8	
371177702	PERKINS	8.9	540	TURBO	540	V 8	
37117840	PERKINS	10.5	640		640	V 8	
37117840-1	PERKINS	8.3	504		504	V 8	
37117840-1	PERKINS	8.4	510		510	V 8	
37117840-1	PERKINS	8.9	540		540	V 8	
37117840-1	PERKINS	8.9	540	TURBO	540	V 8	
3711804A1	PERKINS	3.9	236	A	236	L 4	
3711804A1	PERKINS	3.9	236	D	236	L 4	
3711804A1	PERKINS	3.9	236	D(1)	236	L 4	
3711804A-1	PERKINS	3.9	236	A	236	L 4	
3711804A-1	PERKINS	3.9	236	D	236	L 4	
3711804A-1	PERKINS	3.9	236	D(1)	236	L 4	
3711804A-1	PERKINS	3.9	236	G	236	L 4	
3711804A-1	PERKINS	4.1	248	D	248	L 4	
3711804A-1	PERKINS	4.1	248	D(2)	248	L 4	
371180A1	PERKINS	4.1	248	D	248	L 4	
3711859A/9	PERKINS	1.8	108	D	107	L 4	
371191601S	PERKINS	2.5	152	G	152	L 3	

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
3712H04A/1	PERKINS	4.0	1000		243	L 4	88-96
3712H04A/1	PERKINS	4.0	1000	TURBO	243	L 4	88-96
3712H04A/9	PERKINS	4.0	1000		243	L 4	88-96
371300C-3	NAVISTAR	9.4	No Model	DVT	573	V 8	
371300C-3	NAVISTAR	9.4	TD20	D	573	V 8	
3713358	GM	4.3	No Model	(1)	265	V 8	55-57
3713569	GM	4.3	No Model	(1)	265	V 8	55-57
3715213	CHRYSLER	6.6	No Model	N	400	V 8	72-78
3716690-6	NAVISTAR	5.8	No Model		354	L 6	
3716690-6	OLIVER	5.8	1850		354	L 6	
3716690-6	PERKINS	5.8	354.1		354	L 6	
3716690-6	PERKINS	5.8	354.2		354	L 6	
3716690-6	PERKINS	5.8	3543		354	L 6	
3716690-6	PERKINS	5.8	3544		354	L 6	
3716690-6	PERKINS	5.8	3544	1	354	L 6	
3725306	GM	4.3	No Model	(1)	265	V 8	55-57
3727185	GM	5.0	No Model	G	305	V 8	76-79
373	GM	2.5	FIERO	R	151	L 4	83-86
373	GM	2.5	No Model	2	151	L 4	82-86
373	GM	2.5	No Model	E	151	L 4	85-87
3731539	GM	4.3	No Model	(1)	265	V 8	55-57
3731539	GM	4.6	No Model		283	V 8	56-67
3731550	GM	4.6	No Model		283	V 8	56-67
3731554	GM	4.3	No Model	(1)	265	V 8	55-57
3731554	GM	4.6	No Model		283	V 8	56-67
3731556	GM	4.6	No Model		283	V 8	56-67
3732791	GM	5.7	No Model		348	V 8	58-65
373423	NAVISTAR	3.6	460	C	221	L 6	
373423	NAVISTAR	4.3	560	C(1)	263	L 6	
3735278	GM	5.7	No Model		348	V 8	58-65
373772	GM	7.0	No Model	L	427	V 8	66-90
373783	GM	7.4	No Model	Z	454	V 8	70-75
3740997	GM	4.6	No Model		283	V 8	56-67
3743056	GM	4.6	No Model		283	V 8	56-67
3743096	GM	5.4	No Model	L	327	V 8	62-67
3748056	GM	5.4	No Model	L	327	V 8	62-67
3748720	GM	4.6	No Model		283	V 8	56-67
3748770	GM	4.6	No Model		283	V 8	56-67
3748772	GM	4.6	No Model		283	V 8	56-67
3750254	GM	5.7	No Model		348	V 8	58-65
3751213	CHRYSLER	5.9	No Model	TRK	361	V 8	57-78
3751213	CHRYSLER	6.3	No Model		383	V 8	59-71
3751213	CHRYSLER	6.6	No Model	N	400	V 8	72-78
3751213	CHRYSLER	7.2	No Model		440	V 8	76-76
3751213	CHRYSLER	7.2	No Model	T	440	V 8	66-73
3751357	CHRYSLER	5.9	No Model	F	360	V 8	77-79
3751357	CHRYSLER	5.9	No Model	F	360	V 8	80
3751357	CHRYSLER	5.9	No Model	I	360	V 8	83-87
3751357	CHRYSLER	5.9	No Model	K	360	V 8	80
3751357	CHRYSLER	5.9	No Model	S	360	V 8	80-82
3751357	CHRYSLER	5.9	No Model	T	360	V 8	80-82
3751851	CHRYSLER	5.2	No Model	P	318	V 8	83-91
3751851	CHRYSLER	5.2	No Model	R	318	V 8	83-87
3751857	CHRYSLER	5.2	No Model	P	318	V 8	83-91
3751857	CHRYSLER	5.2	No Model	R	318	V 8	83-87
3751857	CHRYSLER	5.2	No Model	S	318	V 8	83-89
3751857	CHRYSLER	5.9	No Model	F	360	V 8	77-79

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
3751857	CHRYSLER	5.9	No Model	F	360	V 8	80
3751857	CHRYSLER	5.9	No Model	I	360	V 8	83-87
3751857	CHRYSLER	5.9	No Model	K	360	V 8	80
3751857	CHRYSLER	5.9	No Model	L	360	V 8	80
3751857	CHRYSLER	5.9	No Model	S	360	V 8	80-82
3751857	CHRYSLER	5.9	No Model	T	360	V 8	77-79
3751857	CHRYSLER	5.9	No Model	T	360	V 8	80-82
3751857	CHRYSLER	5.9	No Model	U	360	V 8	81-82
3751857	CHRYSLER	5.9	No Model	V	360	V 8	81
3751857	CHRYSLER	5.9	No Model	V	360	V 8	82
3751857	CHRYSLER	5.9	No Model	W	360	V 8	83-88
3752706	GM	5.7	No Model		348	V 8	58-65
3755537	GM	4.6	No Model		283	V 8	56-67
3755539	GM	4.6	No Model		283	V 8	56-67
3755549	GM	4.6	No Model		283	V 8	56-67
3755550	GM	4.6	No Model		283	V 8	56-67
3755585	GM	5.4	No Model	L	327	V 8	62-67
375602	NAVISTAR	2.5	2504	C	153	L 4	
375602R	NAVISTAR	2.5	2504	C	153	L 4	
375602R2	NAVISTAR	2.2	2404	C(1)	135	L 4	
375602R2	NAVISTAR	2.2	2404	C(2)	135	L 4	
375775R	NAVISTAR	2.2	2404	C(2)	135	L 4	
375775R	NAVISTAR	2.5	2504	C	153	L 4	
375775R1	NAVISTAR	2.2	2404	C(1)	135	L 4	
375775R1	NAVISTAR	2.2	2404	C(2)	135	L 4	
375775R1	NAVISTAR	3.0	504	D	188	L 4	
375776R	NAVISTAR	2.5	2504	C	153	L 4	
375776R1	NAVISTAR	2.5	2504	C	153	L 4	
3758021	GM	5.7	No Model		348	V 8	58-65
375802R2	NAVISTAR	2.2	2404	C(1)	135	L 4	
3758379	GM	5.7	No Model		348	V 8	58-65
3759254	GM	5.7	No Model		348	V 8	58-65
3759256	GM	5.7	No Model		348	V 8	58-65
3759322	GM	5.7	No Model		348	V 8	58-65
3759332	GM	5.7	No Model		348	V 8	58-65
3760116	GM	4.6	No Model		283	V 8	56-67
3761587	CHRYSLER	5.9	No Model	T	360	V 8	80-82
3761640	CHRYSLER	7.2	No Model		440	V 8	76-76
3761857	CHRYSLER	5.9	No Model	T	360	V 8	77-79
3761857	CHRYSLER	5.9	No Model	V	360	V 8	81
3761857	CHRYSLER	5.9	No Model	V	360	V 8	82
3761867	CHRYSLER	5.9	No Model	K	360	V 8	80
3763902	CHRYSLER	7.2	No Model		440	V 8	76-76
3764050	GM	5.0	No Model	G	305	V 8	80-81
3764050	GM	5.0	No Model	G	305	V 8	84-88
3764050	GM	5.0	No Model	U	305	V 8	77-79
376445	GM	5.7	No Model	4	350	V 8	78-79
376445	GM	5.7	No Model	K	350	V 8	86-96
376445	GM	5.7	No Model	L	350	V 8	77-82
376445	GM	5.7	No Model	L	350	V 8	83-86
376445	GM	5.7	No Model	M	350	V 8	79-88
376445	GM	5.7	No Model	P	350	V 8	80-83
376445	GM	5.7	No Model	V	350	V 8	74-76
376445	GM	5.7	No Model	Y	350	V 8	68-75
376450	GM	4.3	No Model	G	262	V 8	75-76
376450	GM	5.0	No Model	7	305	V 8	82
376450	GM	5.0	No Model	F	305	V 8	81-87

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
376450	GM	5.0	No Model	G	305	V 8	76-79
376450	GM	5.0	No Model	G	305	V 8	80-81
376450	GM	5.0	No Model	G	305	V 8	84-88
376450	GM	5.0	No Model	H	305	V 8	78-88
376450	GM	5.0	No Model	Q	305	V 8	76
376450	GM	5.0	No Model	S	305	V 8	83
376450	GM	5.0	No Model	U	305	V 8	77-79
3764702	GM	5.7	No Model		348	V 8	58-65
3767460	GM	4.3	No Model	(1)	265	V 8	55-57
3767460	GM	4.6	No Model		283	V 8	56-67
3767460	GM	5.4	No Model	L	327	V 8	62-67
3767462	GM	5.4	No Model	L	327	V 8	62-67
3767465	GM	4.6	No Model		283	V 8	56-67
3767738	GM	5.7	No Model		348	V 8	58-65
3767754	GM	4.6	No Model		283	V 8	56-67
3767792	GM	4.6	No Model		283	V 8	56-67
3769596	CHRYSLER	5.2	No Model	E	318	V 8	73-76
3769596	CHRYSLER	5.2	No Model	E	318	V 8	77-80
3769596	CHRYSLER	5.2	No Model	P	318	V 8	83-91
3769596	CHRYSLER	5.2	No Model	R	318	V 8	83-87
3769596	CHRYSLER	5.9	No Model	K	360	V 8	80
3769596	CHRYSLER	5.9	No Model	L	360	V 8	80
3769902	CHRYSLER	5.9	No Model	TRK	361	V 8	57-78
3769902	CHRYSLER	6.3	No Model		383	V 8	59-71
3769902	CHRYSLER	6.6	No Model	N	400	V 8	72-78
3769902	CHRYSLER	7.2	No Model		440	V 8	76-76
3769902	CHRYSLER	7.2	No Model	T	440	V 8	66-73
3769910	CHRYSLER	6.6	No Model	N	400	V 8	72-78
3769910	CHRYSLER	7.2	No Model		440	V 8	76-76
3769954	CHRYSLER	5.9	No Model	V	360	V 8	81
3769954	CHRYSLER	5.9	No Model	W	360	V 8	83-88
3769954	CHRYSLER	6.6	No Model	N	400	V 8	72-78
3769954	CHRYSLER	7.2	No Model		440	V 8	76-76
3769973	CHRYSLER	5.2	No Model	E	318	V 8	73-76
3769973	CHRYSLER	5.2	No Model	E	318	V 8	77-80
3769973	CHRYSLER	5.2	No Model	G	318	V 8	69-76
3769973	CHRYSLER	5.2	No Model	G	318	V 8	77-79
3769973	CHRYSLER	5.2	No Model	G	318	V 8	80
3769973	CHRYSLER	5.2	No Model	H	318	V 8	78-80
3769973	CHRYSLER	5.2	No Model	J	318	V 8	81-82
3769973	CHRYSLER	5.2	No Model	K	318	V 8	81-82
3769973	CHRYSLER	5.2	No Model	L	318	V 8	81-82
3769973	CHRYSLER	5.2	No Model	P	318	V 8	81-82
3769973	CHRYSLER	5.2	No Model	P	318	V 8	83-91
3769973	CHRYSLER	5.2	No Model	R	318	V 8	83-87
3769973	CHRYSLER	5.2	No Model	S	318	V 8	83-89
3769973	CHRYSLER	5.2	No Model	T	318	V 8	83-87
3769973TE	CHRYSLER	5.2	No Model	E	318	V 8	73-76
3769973TE	CHRYSLER	5.2	No Model	E	318	V 8	77-80
3769973TE	CHRYSLER	5.2	No Model	P	318	V 8	83-91
3769973TE	CHRYSLER	5.2	No Model	R	318	V 8	83-87
3769973TE	CHRYSLER	5.2	No Model	S	318	V 8	83-89
3769974	CHRYSLER	5.9	No Model	F	360	V 8	77-79
3769974	CHRYSLER	5.9	No Model	F	360	V 8	80
3769974	CHRYSLER	5.9	No Model	I	360	V 8	83-87
3769974	CHRYSLER	5.9	No Model	J	360	V 8	71-75
3769974	CHRYSLER	5.9	No Model	J	360	V 8	76-79

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
3769974	CHRYSLER	5.9	No Model	K	360	V 8	74-76
3769974	CHRYSLER	5.9	No Model	K	360	V 8	77-79
3769974	CHRYSLER	5.9	No Model	K	360	V 8	80
3769974	CHRYSLER	5.9	No Model	L	360	V 8	73-75
3769974	CHRYSLER	5.9	No Model	L	360	V 8	76-78
3769974	CHRYSLER	5.9	No Model	L	360	V 8	79
3769974	CHRYSLER	5.9	No Model	L	360	V 8	80
3769974	CHRYSLER	5.9	No Model	S	360	V 8	80-82
3769974	CHRYSLER	5.9	No Model	T	360	V 8	77-79
3769974	CHRYSLER	5.9	No Model	T	360	V 8	80-82
3769974	CHRYSLER	5.9	No Model	U	360	V 8	81-82
3769974	CHRYSLER	5.9	No Model	V	360	V 8	81
3769974	CHRYSLER	5.9	No Model	V	360	V 8	82
3769974	CHRYSLER	5.9	No Model	W	360	V 8	83-88
3769975	CHRYSLER	5.9	No Model	TRK	361	V 8	57-78
3769975	CHRYSLER	6.3	No Model		383	V 8	59-71
3769975	CHRYSLER	6.6	No Model	N	400	V 8	72-78
3769975	CHRYSLER	7.2	No Model		440	V 8	76-76
3769975	CHRYSLER	7.2	No Model	T	440	V 8	66-73
3769975	CHRYSLER	7.2	No Model	U	440	V 8	74-76
3769976	CHRYSLER	5.2	No Model	E	318	V 8	77-80
3769976	CHRYSLER	5.2	No Model	P	318	V 8	83-91
3769976	CHRYSLER	5.2	No Model	R	318	V 8	83-87
3769976	CHRYSLER	5.2	No Model	S	318	V 8	83-89
3770126	GM	5.0	No Model	307	307	V 8	68-73
3770126	GM	5.4	No Model	L	327	V 8	68-69
3770126	GM	5.7	No Model	Y	350	V 8	68-75
377110740	NAVISTAR	5.8	No Model		354	L 6	
377110740	OLIVER	5.8	1850		354	L 6	
377110740	PERKINS	5.8	354		354	L 6	
377110740	PERKINS	5.8	354.1		354	L 6	
377110740	PERKINS	5.8	354.2		354	L 6	
377110740	PERKINS	5.8	3543		354	L 6	
377110740	PERKINS	5.8	3544		354	L 6	
377110740	PERKINS	5.8	3544	1	354	L 6	
377116740	PERKINS	5.8	354.1		354	L 6	
377116740	PERKINS	5.8	354.2		354	L 6	
377116740	PERKINS	5.8	3543		354	L 6	
377116740	PERKINS	5.8	3544		354	L 6	
377116740	PERKINS	5.8	3544	1	354	L 6	
377131	GM	4.1	No Model	D	250	L 6	77-78
377131	GM	4.1	No Model	D	250	L 6	78-80
377131	GM	4.1	No Model	D	250	L 6	81-85
377133	GM	4.1	No Model	D	250	L 6	77-78
377133	GM	4.1	No Model	D	250	L 6	78-80
377133	GM	4.1	No Model	D	250	L 6	81-85
377170	GM	2.3	VEGA	A	140	L 4	76-77
377170	GM	2.3	VEGA	B	140	L 6	76-77
377170	GM	2.3	VEGA	V	140	L 4	71-76
3773012	GM	4.3	No Model	(1)	265	V 8	55-57
3774634	GM	5.4	No Model	L	327	V 8	62-67
3774682	GM	4.6	No Model		283	V 8	56-67
3774682	GM	5.4	No Model	L	327	V 8	62-67
3774684	GM	4.6	No Model		283	V 8	56-67
3774684	GM	5.4	No Model	L	327	V 8	62-67
3774692	GM	4.6	No Model		283	V 8	56-67
3781147	GM	5.7	No Model		348	V 8	58-65

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
3781147	GM	6.7	No Model		409	V 8	59-66
378240R1	NAVISTAR	3.6	460	C	221	L 6	
3782461	GM	5.0	Z-28	302	302	V 8	67-69
3782461	GM	5.4	No Model	L	327	V 8	62-67
3782462	GM	5.4	No Model	L	327	V 8	62-67
378368	NAVISTAR	5.0	No Model	G	308	L 6	
378368	NAVISTAR	5.0	No Model	U	308	L 6	
378450	GM	4.3	No Model	G	262	V 8	75-76
378450	GM	5.0	No Model	G	305	V 8	76-79
378450	GM	5.0	No Model	G	305	V 8	80-81
378450	GM	5.0	No Model	G	305	V 8	84-88
378450	GM	5.0	No Model	H	305	V 8	78-88
378450	GM	5.0	No Model	Q	305	V 8	76
378450	GM	5.0	No Model	U	305	V 8	77-79
3785085	GM	5.7	No Model		348	V 8	58-65
3786588	GM	2.3	CORVAIR		140	H 6	60-63
3786588	GM	2.4	CORVAIR		145	H 6	61-63
3786589	GM	2.3	CORVAIR		140	H 6	60-63
3786589	GM	2.4	CORVAIR		145	H 6	61-63
3786591	GM	2.7	CORVAIR		164	H 6	64-69
3786592	GM	2.3	CORVAIR		140	H 6	60-63
3787415	GM	3.2	No Model	L	194	L 6	62-72
3787844	GM	2.3	CORVAIR		140	H 6	60-63
3788414	GM	3.2	No Model	L	194	L 6	62-72
3788415	GM	3.2	No Model	L	194	L 6	62-72
3788519	GM	2.5	No Model	IND	153	L 4	62-80
3788519	MERCUISER	2.5	No Model	IND	153	L 4	62-80
3788555	GM	5.7	No Model		348	V 8	58-65
379238R	NAVISTAR	2.2	2404	C(2)	135	L 4	
379238R1	NAVISTAR	2.2	2404	C(1)	135	L 4	
379238R1	NAVISTAR	2.2	2404	C(2)	135	L 4	
3792563	GM	5.4	No Model	L	327	V 8	62-67
379295	NAVISTAR	3.2	No Model		199	L 6	64-67
379295	NAVISTAR	6.4	No Model		392	V 8	56-83
379295C	NAVISTAR	3.2	No Model		199	L 6	64-67
379295C	NAVISTAR	6.4	No Model		392	V 8	56-83
3794129	GM	6.7	No Model		409	V 8	59-66
3795586	GM	5.7	No Model		348	V 8	58-65
3795586	GM	6.7	No Model		409	V 8	59-66
3795893	GM	5.0	No Model	307	307	V 8	68-73
3795893	GM	5.4	No Model	L	327	V 8	62-67
3795896	GM	4.6	No Model		283	V 8	56-67
3795896	GM	5.7	No Model		348	V 8	58-65
3795960	GM	2.4	CORVAIR		145	H 6	61-63
3796896	GM	4.6	No Model		283	V 8	56-67
3797776	GM	6.7	No Model		409	V 8	59-66
379847	GM	4.6	No Model		283	V 8	56-67
3798996	GM	5.4	No Model	L	327	V 8	62-67
3799019	GM	3.8	No Model	L	230	L 6	63-70
3799019	GM	4.8	No Model	T	292	L 6	63-73
3804390	GM	7.0	No Model	L	427	V 8	66-90
3804391	GM	6.5	No Model		396	V 8	65-72
3804570	CASE	3.4	450B	D	207	L 4	
3804570	CASE	3.4	450B	DT	207	L 4	
3804570-02	CUMMINS	3.9	B SERIES	B	239	L 4	83-98
380812R93	NAVISTAR	3.6	460	C	221	L 6	
3813512	GM	2.3	CORVAIR		140	H 6	60-63

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
3813512	GM	2.4	CORVAIR		145	H 6	61-63
3813513	GM	2.3	CORVAIR		140	H 6	60-63
3813513	GM	2.4	CORVAIR		145	H 6	61-63
3813516	GM	2.4	CORVAIR		145	H 6	61-63
3813678	GM	6.7	No Model		409	V 8	59-66
3814480	GM	4.6	No Model		283	V 8	56-67
3814480	GM	5.4	No Model	L	327	V 8	62-67
3814482	GM	4.6	No Model		283	V 8	56-67
3814678	GM	6.7	No Model		409	V 8	59-66
3814690	GM	6.7	No Model		409	V 8	59-66
3814881	GM	6.7	No Model		409	V 8	59-66
3815643	GM	6.7	No Model		409	V 8	59-66
3815857	GM	5.7	No Model		348	V 8	58-65
3815857	GM	6.7	No Model		409	V 8	59-66
3817658	GM	2.4	CORVAIR		145	H 6	61-63
3817680	GM	4.6	No Model		283	V 8	56-67
3817681	GM	5.4	No Model	L	327	V 8	62-67
3817682	GM	4.6	No Model		283	V 8	56-67
381918	GM	5.4	No Model	O	330	V 8	64-67
3819333	GM	5.7	No Model		348	V 8	58-65
3819333	GM	6.7	No Model		409	V 8	59-66
3819876	GM	2.7	CORVAIR		164	H 6	64-69
3819904	GM	2.7	CORVAIR		164	H 6	64-69
3819908	GM	2.7	CORVAIR		164	H 6	64-69
382099R	NAVISTAR	3.6	560	U	220	L 6	50-68
382099R1	NAVISTAR	4.3	400		264	L 6	63-74
382099R1	NAVISTAR	4.3	560	C(1)	263	L 6	
382099R1	NAVISTAR	4.8	666, 706, 766	C	291	L 6	
3822928	GM	6.7	No Model		409	V 8	59-66
3823327	GM	3.8	No Model	L	230	L 6	63-70
382433	GM	2.5	No Model	IND	153	L 4	62-80
382433	MERCUISER	2.5	No Model	IND	153	L 4	62-80
3824335	GM	3.2	No Model	L	194	L 6	62-72
3824433	GM	2.5	No Model	IND	153	L 4	62-80
3824433	MERCUISER	2.5	No Model	IND	153	L 4	62-80
3824435	GM	3.2	No Model	L	194	L 6	62-72
3824437	GM	3.2	No Model	L	194	L 6	62-72
3824437	GM	3.8	No Model	L	230	L 6	63-70
3824437	GM	4.8	No Model	T	292	L 6	63-73
3824437	GM	4.8	No Model	T	292	L 6	74-77
3824437	GM	4.8	No Model	T	292	L 6	78-90
3824690	GM	6.7	No Model		409	V 8	59-66
3827185	GM	5.0	No Model	307	307	V 8	68-73
3827185	GM	5.4	No Model	L	327	V 8	68-69
382985	GM	5.6	No Model	B	340	V 8	64-67
383021	GM	7.4	No Model	Z	454	V 8	70-75
3830623	GM	6.7	No Model		409	V 8	59-66
3830817	GM	6.7	No Model		409	V 8	59-66
3830831	GM	6.7	No Model		409	V 8	59-66
383121	GM	6.6	No Model	RO	400	V 8	65-69
3833517	GM	3.5	No Model		216	L 6	37-52
383433	GM	2.5	No Model	IND	153	L 4	62-80
383433	MERCUISER	2.5	No Model	IND	153	L 4	62-80
383521	GM	6.6	No Model	RO	400	V 8	65-69
383521	GM	7.0	No Model	O	425	V 8	65-67
3835409	GM	3.5	No Model		216	L 6	37-52
3835499	GM	3.9	No Model		235	L 6	49-62

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
3835499	GM	4.2	No Model		261	L 6	54-62
3835517	GM	3.5	No Model		216	L 6	37-52
3835909	GM	3.9	No Model		235	L 6	49-62
3835913	GM	3.9	No Model		235	L 6	49-62
3835913	GM	4.2	No Model		261	L 6	54-62
3835913	GM	4.3	No Model		261	L 6	59-62
383665R	NAVISTAR	4.1	M	D	248	L 4	
383666R	NAVISTAR	4.9	806	C	301	L 6	
383666R1	NAVISTAR	4.9	806	C	301	L 6	
383666R-1	NAVISTAR	4.9	806	C	301	L 6	
383666R2	NAVISTAR	4.3	400		264	L 6	63-74
383666R2	NAVISTAR	4.8	666, 706, 766	C	291	L 6	
383666R-2	NAVISTAR	4.9	806	C	301	L 6	
3836839	GM	4.3	No Model	(1)	265	V 8	55-57
3836842	GM	4.6	No Model		283	V 8	56-67
3836848	GM	3.9	No Model		235	L 6	49-62
3836848	GM	4.3	No Model		261	L 6	59-62
3836850	GM	3.9	No Model		235	L 6	49-62
3836850	GM	4.2	No Model		261	L 6	54-62
3836850	GM	4.3	No Model		261	L 6	59-62
3836924	GM	4.6	No Model		283	V 8	56-67
3836942	GM	4.6	No Model		283	V 8	56-67
3837063	GM	4.6	No Model		283	V 8	56-67
3837064	GM	4.3	No Model	(1)	265	V 8	55-57
3837064	GM	4.6	No Model		283	V 8	56-67
3837065	GM	4.3	No Model	(1)	265	V 8	55-57
383773	GM	3.5	No Model	OLD	206	L 6	29-38
3837731	GM	6.7	No Model		409	V 8	59-66
3837733	GM	6.7	No Model		409	V 8	59-66
3837775	GM	4.6	No Model		283	V 8	56-67
3838021	GM	3.5	TEMPEST		215	L 6	64-65
383821	GM	5.4	No Model	O	330	V 8	64-67
383821	GM	6.6	No Model	RO	400	V 8	65-69
383821	GM	7.0	No Model	O	425	V 8	65-67
3839887	GM	2.7	CORVAIR		164	H 6	64-69
3840690	GM	6.7	No Model		409	V 8	59-66
3844463	GM	6.7	No Model		409	V 8	59-66
3844464	GM	6.7	No Model		409	V 8	59-66
3844465	GM	6.7	No Model		409	V 8	59-66
3844472	GM	6.7	No Model		409	V 8	59-66
3846206	GM	6.5	No Model		396	V 8	65-72
3847990	GM	3.8	No Model	L	230	L 6	63-70
3847990	GM	4.8	No Model	T	292	L 6	63-73
3847990	GM	4.8	No Model	T	292	L 6	74-77
3847990	GM	4.8	No Model	T	292	L 6	78-90
3848720	GM	4.6	No Model		283	V 8	56-67
3849820	GM	5.4	No Model	L	327	V 8	62-67
385101	GM	5.4	No Model	O	330	V 8	64-67
3852583	GM	6.7	No Model		409	V 8	59-66
3853875	GM	6.7	No Model		409	V 8	59-66
3854520	GM	4.6	No Model		283	V 8	56-67
3854520	GM	5.4	No Model	L	327	V 8	62-67
3856026	GM	6.5	No Model		396	V 8	65-72
3856028	GM	6.5	No Model		396	V 8	65-72
3856206	GM	6.0	No Model	B	366	V 8	68-90
3856206	GM	6.5	No Model		396	V 8	65-72
3856206	GM	7.0	No Model	L	427	V 8	66-90

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
3856206	GM	7.4	No Model	S	454	V 8	76-79
3856206	GM	7.4	No Model	W	454	V 8	80-86
3856206	GM	7.4	No Model	Y	454	V 8	76-78
3856208	GM	6.5	No Model		396	V 8	65-72
3856208	GM	7.0	No Model	L	427	V 8	66-90
3856213	GM	6.0	No Model	B	366	V 8	68-90
3856213	GM	7.0	No Model	L	427	V 8	66-90
3856223	GM	6.0	No Model	B	366	V 8	68-90
3856260	GM	6.5	No Model		396	V 8	65-72
3856295	CUMMINS	10.0	L10		611	L 6	85-90
3856295	CUMMINS	10.0	L10	91->	611	L 6	91-96
3856626	GM	2.7	CORVAIR		164	H 6	64-69
3856632	GM	2.7	CORVAIR		164	H 6	64-69
3856638	GM	2.7	CORVAIR		164	H 6	64-69
3856728	GM	2.7	CORVAIR		164	H 6	64-69
3856743	GM	2.7	CORVAIR		164	H 6	64-69
3856762	GM	2.7	CORVAIR		164	H 6	64-69
3862084	GM	3.8	No Model	L	230	L 6	63-70
3862084	GM	4.8	No Model	T	292	L 6	63-73
3864291	GM	6.5	No Model		396	V 8	65-72
3864848	GM	3.9	No Model		235	L 6	49-62
3864883	GM	3.2	No Model	L	194	L 6	62-72
3864886	GM	3.2	No Model	L	194	L 6	62-72
3864886	GM	3.8	No Model	L	230	L 6	63-70
3864886	GM	4.8	No Model	T	292	L 6	63-73
3864888	GM	2.5	No Model	IND	153	L 4	62-80
3864888	MERCUISER	2.5	No Model	IND	153	L 4	62-80
3864890	GM	3.8	No Model	L	230	L 6	63-70
3864890	GM	4.8	No Model	T	292	L 6	63-73
386527C1	CHRYSLER	7.8	No Model		478	V 8	69-77
386527C1	CHRYSLER	9.0	No Model		549	V 8	70-74
386545C-1	NAVISTAR	9.0	No Model	G	549	V 8	60-78
386781	GM	7.4	No Model	S	454	V 8	76-79
386781	GM	7.4	No Model	Y	454	V 8	76-78
386781	GM	7.4	No Model	Z	454	V 8	70-75
3870277	CHRYSLER	5.2	No Model	E	318	V 8	73-76
3870277	CHRYSLER	5.2	No Model	E	318	V 8	77-80
3870277	CHRYSLER	5.2	No Model	G	318	V 8	69-76
3870277	CHRYSLER	5.2	No Model	G	318	V 8	77-79
3870277	CHRYSLER	5.2	No Model	P	318	V 8	83-91
3870277	CHRYSLER	5.2	No Model	R	318	V 8	83-87
387126	NAVISTAR	5.0	304A		304	V 8	58-80
3872702	GM	6.5	No Model		396	V 8	65-72
3872702	GM	7.0	No Model	L	427	V 8	66-90
3872704	GM	3.2	No Model	L	194	L 6	62-72
3872708	GM	3.2	No Model	L	194	L 6	62-72
3872708	GM	3.8	No Model	L	230	L 6	63-70
3872708	GM	4.8	No Model	T	292	L 6	63-73
3872710	GM	3.8	No Model	L	230	L 6	63-70
3872710	GM	4.8	No Model	T	292	L 6	63-73
3872798	GM	3.8	No Model	L	230	L 6	63-70
3873064	GM	4.3	No Model	(1)	265	V 8	55-57
3873487	GM	5.7	No Model	L	350	V 8	76
3873487	GM	5.7	No Model	L	350	V 8	77-82
3873487	GM	5.7	No Model	L	350	V 8	83-86
3873487	GM	5.7	No Model	V	350	V 8	74-76
3873487	GM	5.7	No Model	Y	350	V 8	68-75

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
3873702	GM	6.5	No Model		396	V 8	65-72
3873855	GM	6.5	No Model		396	V 8	65-72
3873858	GM	6.5	No Model		396	V 8	65-72
3873858	GM	7.0	No Model	L	427	V 8	66-90
3874883	GM	3.2	No Model	L	194	L 6	62-72
38-75	TOYOTA	1.5	TERCEL	3A	89	L 4	80-86
3876775	GM	4.6	No Model		283	V 8	56-67
3876775	GM	5.4	No Model	L	327	V 8	62-67
3876875	GM	7.0	No Model	L	427	V 8	66-90
387718R1	NAVISTAR	4.3	400		264	L 6	63-74
387718R1	NAVISTAR	4.3	560	C(1)	263	L 6	
387718R2	NAVISTAR	3.6	460	C	221	L 6	
387718R2	NAVISTAR	4.3	400		264	L 6	63-74
387718R2	NAVISTAR	4.3	560	C(1)	263	L 6	
387718R2	NAVISTAR	4.8	666, 706, 766	C	291	L 6	
3878570	GM	2.7	CORVAIR		164	H 6	64-69
3878775	GM	5.4	No Model	L	327	V 8	62-67
387972R	NAVISTAR	3.6	560	U	220	L 6	50-68
387972R	NAVISTAR	4.3	400		264	L 6	63-74
387972R	NAVISTAR	4.3	560	C(1)	263	L 6	
387972R	NAVISTAR	4.8	666, 706, 766	C	291	L 6	
387972R	NAVISTAR	4.9	806	C	301	L 6	
3880708	GM	2.7	CORVAIR		164	H 6	64-69
3883862	GM	2.7	CORVAIR		164	H 6	64-69
3883864	GM	2.7	CORVAIR		164	H 6	64-69
3884520	GM	4.6	No Model		283	V 8	56-67
3884520	GM	5.4	No Model	L	327	V 8	62-67
3885052	GM	3.8	No Model	L	230	L 6	63-70
3885052	GM	4.8	No Model	T	292	L 6	63-73
3885336	GM	5.7	No Model	L	350	V 8	76
3885336	GM	5.7	No Model	V	350	V 8	74-76
3885336	GM	5.7	No Model	Y	350	V 8	68-75
3886336	GM	5.7	No Model	L	350	V 8	76
3886336	GM	5.7	No Model	L	350	V 8	77-82
3886336	GM	5.7	No Model	L	350	V 8	83-86
3886336	GM	5.7	No Model	V	350	V 8	74-76
3886336	GM	5.7	No Model	Y	350	V 8	68-75
3888336	GM	5.7	No Model	L	350	V 8	76
3888336	GM	5.7	No Model	L	350	V 8	77-82
3888336	GM	5.7	No Model	P	350	V 8	80-83
3888336	GM	5.7	No Model	V	350	V 8	74-76
3888336	GM	5.7	No Model	Y	350	V 8	68-75
389005R2	NAVISTAR	3.3	544	C	200	L 4	
3890462	GM	5.0	Z-28	302	302	V 8	67-69
3890462	GM	5.4	No Model	L	327	V 8	62-67
3890462	GM	5.7	No Model	Y	350	V 8	68-75
3891462	GM	5.4	No Model	L	327	V 8	62-67
3891462	GM	5.7	No Model	Y	350	V 8	68-75
3891492	GM	5.4	No Model	L	327	V 8	62-67
389385201	CUMMINS	10.0	L10		611	L 6	85-90
389385201	CUMMINS	10.0	L10	91->	611	L 6	91-96
3893852B	CUMMINS	10.0	L10	91->	611	L 6	91-96
389394	GM	5.4	No Model	O	330	V 8	64-67
389394	GM	5.7	No Model	R	350	V 8	69-76
389395	GM	6.6	No Model	RO	400	V 8	65-69
389395	GM	7.0	No Model	O	425	V 8	65-67
389395	GM	7.4	No Model	Z	454	V 8	70-75

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
389401	GM	3.5	No Model		216	L 6	37-52
389447	CHRYSLER	3.7	No Model		225	L 6	76-87
3895034	GM	4.8	No Model	T	292	L 6	63-73
3895052	GM	3.8	No Model	L	230	L 6	63-70
3895052	GM	4.1	No Model	Q	250	L 6	66-75
3895052	GM	4.8	No Model	T	292	L 6	63-73
3895052	GM	4.8	No Model	T	292	L 6	74-77
3895052	GM	4.8	No Model	T	292	L 6	78-90
3895052	MERCUISER	4.1	No Model	MIE	250	L 6	66-75
3895054	GM	3.8	No Model	L	230	L 6	63-70
3895054	GM	4.1	No Model	Q	250	L 6	66-75
3895054	GM	4.8	No Model	T	292	L 6	63-73
3895056	GM	3.2	No Model	L	194	L 6	62-72
3895060	GM	3.2	No Model	L	194	L 6	62-72
38954	GM	3.0	CATERA	R	181	V 6	97-04
38964	GM	3.0	CATERA	R	181	V 6	97-04
3898447	CHRYSLER	3.7	No Model		225	L 6	76-87
389BEI	GM	4.2	TRAILBLAZER	S	256	L 6	02-05
39	TOYOTA	2.2	CELICA	20R	134	L 4	75-77
39	TOYOTA	2.2	CELICA	20R	134	L 4	78-80
3902521	CASE	3.9	850	B	239	L 4	85-93
3902521	CUMMINS	3.9	B SERIES	B	239	L 4	83-98
3904390	GM	6.5	No Model		396	V 8	65-72
3904390	GM	7.0	No Model	L	427	V 8	66-90
3904391	GM	6.5	No Model		396	V 8	65-72
3904391	GM	7.0	No Model	L	427	V 8	66-90
3904392	GM	7.0	No Model	L	427	V 8	66-90
3904393	GM	6.0	No Model	B	366	V 8	68-90
3904393	GM	7.0	No Model	L	427	V 8	66-90
3904570	CUMMINS	3.9	B SERIES	B	239	L 4	83-98
3904573	CASE	5.9	2096	B	359	L 6	85-93
3904573	CUMMINS	5.9	B SERIES	B	359	L 6	83-98
3904573	FORD	5.9	FD-1060		359	L 6	95-00
3904688	CASE	8.3	6T830	C	505	L 6	85-98
3904688	CUMMINS	8.3	C SERIES	C	505	L 6	85-90
3904688	CUMMINS	8.3	C SERIES	C(2)	505	L 6	91-00
3904688REV	CUMMINS	8.3	C SERIES	C(2)	505	L 6	91-00
3904689	CUMMINS	8.3	C SERIES	C	505	L 6	85-90
3904689	CUMMINS	8.3	C SERIES	C(2)	505	L 6	91-00
3905470	CUMMINS	5.9	B SERIES	B	359	L 6	83-98
3905998	GM	2.5	No Model	IND	153	L 4	62-80
3905998	MERCUISER	2.5	No Model	IND	153	L 4	62-80
3906	FORD	1.8	COURIER	A	110	L 4	72-78
3906	MAZDA	1.8	No Model		112	L 4	75-84
3908852	GM	5.4	No Model	L	327	V 8	62-67
390938E	NAVISTAR	3.6	560	U	220	L 6	50-68
390938E	NAVISTAR	4.3	400		264	L 6	63-74
390938E	NAVISTAR	4.3	560	C(1)	263	L 6	
390938E	NAVISTAR	4.8	666, 706, 766	C	291	L 6	
390938E	NAVISTAR	4.9	806	C	301	L 6	
3909802	GM	6.5	No Model		396	V 8	65-72
3909802	GM	7.0	No Model	L	427	V 8	66-90
3909973	CUMMINS	3.9	B SERIES	B	239	L 4	83-98
3910276	CUMMINS	5.9	B SERIES	B	359	L 6	83-98
3911011	GM	5.0	No Model	307	307	V 8	68-73
3911011	GM	5.4	No Model	L	327	V 8	68-69
3911032	GM	4.6	No Model		283	V 8	56-67

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
3911032	GM	5.0	No Model	307	307	V 8	68-73
3911032	GM	5.4	No Model	L	327	V 8	68-69
3911273	CASE	5.9	2096	B	359	L 6	85-93
3911273	CHRYSLER	5.9	No Model	8	359	L 6	89-97
3911273	CHRYSLER	5.9	No Model	C	359	L 6	94-96
3911273	CHRYSLER	5.9	No Model	D	359	L 6	97-98
3911273	CUMMINS	5.9	B SERIES	B	359	L 6	83-98
3911273	FORD	5.9	FD-1060		359	L 6	95-00
391184	GM	4.8	No Model	T	292	L 6	63-73
391184	GM	4.8	No Model	T	292	L 6	74-77
391184	GM	4.8	No Model	T	292	L 6	78-90
3912264	GM	4.6	No Model		283	V 8	56-67
3912265	GM	4.6	No Model		283	V 8	56-67
3912291	GM	5.0	Z-28	302	302	V 8	67-69
3912291	GM	5.4	No Model	L	327	V 8	62-67
3912291	GM	5.4	No Model	L	327	V 8	68-69
3912291	GM	5.7	No Model	Y	350	V 8	68-75
3912313	GM	5.4	No Model	L	327	V 8	62-67
3912313	GM	5.4	No Model	L	327	V 8	68-69
3915198	GM	2.5	No Model	IND	153	L 4	62-80
3915198	MERCUISER	2.5	No Model	IND	153	L 4	62-80
3917215	GM	6.5	No Model		396	V 8	65-72
3917215	GM	7.0	No Model	L	427	V 8	66-90
3917218	GM	7.0	No Model	L	427	V 8	66-90
3917219	GM	6.0	No Model	B	366	V 8	68-90
3917219	GM	6.5	No Model		396	V 8	65-72
3917219	GM	7.0	No Model	L	427	V 8	66-90
3917264	GM	5.0	Z-28	302	302	V 8	67-69
3917290	GM	4.6	No Model		283	V 8	56-67
3917290	GM	5.0	No Model	307	307	V 8	68-73
3917290	GM	5.4	No Model	L	327	V 8	68-69
3917291	GM	4.6	No Model		283	V 8	56-67
3917291	GM	5.4	No Model	L	327	V 8	62-67
3917291	GM	5.7	No Model	Y	350	V 8	68-75
3917292	GM	5.0	No Model	307	307	V 8	68-73
3917292	GM	5.0	Z-28	302	302	V 8	67-69
3917292	GM	5.4	No Model	L	327	V 8	68-69
3917293	GM	5.0	No Model	307	307	V 8	68-73
3917293	GM	5.4	No Model	L	327	V 8	62-67
3917293	GM	5.4	No Model	L	327	V 8	68-69
3917293	GM	5.7	No Model	Y	350	V 8	68-75
3919328	GM	7.0	No Model	L	427	V 8	66-90
391933	NAVISTAR	5.0	304A		304	V 8	58-80
391933C1	NAVISTAR	5.0	304A		304	V 8	58-80
3919391	GM	7.0	No Model	L	427	V 8	66-90
391976	CASE	8.3	6T830	C	505	L 6	85-98
391976	CUMMINS	8.3	C SERIES	C(2)	505	L 6	91-00
3919764	CUMMINS	8.3	C SERIES	C	505	L 6	85-90
3919764	CUMMINS	8.3	C SERIES	C(2)	505	L 6	91-00
3919838	GM	7.0	No Model	L	427	V 8	66-90
3919839	GM	6.5	No Model		396	V 8	65-72
3919839	GM	7.0	No Model	L	427	V 8	66-90
3919840	GM	6.5	No Model		396	V 8	65-72
3919840	GM	7.0	No Model	L	427	V 8	66-90
3919842	GM	6.5	No Model		396	V 8	65-72
3919842	GM	7.0	No Model	L	427	V 8	66-90
3919916	CASE	5.9	2096	B	359	L 6	85-93

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
3919916	CHRYSLER	5.9	No Model	8	359	L 6	89-97
3919916	CHRYSLER	5.9	No Model	C	359	L 6	94-96
3919916	CHRYSLER	5.9	No Model	D	359	L 6	97-98
3919916	CUMMINS	5.9	B SERIES	B	359	L 6	83-98
3919916	FORD	5.9	FD-1060		359	L 6	95-00
3920028	CUMMINS	8.3	C SERIES	C	505	L 6	85-90
3920028	CUMMINS	8.3	C SERIES	C(2)	505	L 6	91-00
3921175	GM	5.4	No Model	L	327	V 8	62-67
3921247	CUMMINS	8.3	C SERIES	C	505	L 6	85-90
3921247	CUMMINS	8.3	C SERIES	C(2)	505	L 6	91-00
3923441	GM	5.0	No Model	307	307	V 8	68-73
3923441	GM	5.4	No Model	L	327	V 8	68-69
3923441	GM	5.7	No Model	4	350	V 8	78-79
3923441	GM	5.7	No Model	L	350	V 8	76
3923441	GM	5.7	No Model	L	350	V 8	77-82
3923441	GM	5.7	No Model	V	350	V 8	74-76
3923441	GM	5.7	No Model	Y	350	V 8	68-75
3925400	CHRYSLER	5.9	No Model	C	359	L 6	94-96
3925400	CHRYSLER	5.9	No Model	D	359	L 6	97-98
3925400	CUMMINS	5.9	B SERIES	B	359	L 6	83-98
3927185	GM	4.6	No Model		283	V 8	56-67
3927185	GM	5.0	No Model	307	307	V 8	68-73
3927185	GM	5.4	No Model	L	327	V 8	68-69
3927185	GM	5.7	No Model	Y	350	V 8	68-75
3927186	GM	5.0	No Model	307	307	V 8	68-73
3927186	GM	5.4	No Model	L	327	V 8	62-67
3927186	GM	5.4	No Model	L	327	V 8	68-69
3927186	GM	5.7	No Model	Y	350	V 8	68-75
3927187	GM	5.7	No Model	Y	350	V 8	68-75
3927188	GM	5.0	No Model	307	307	V 8	68-73
3927188	GM	5.4	No Model	L	327	V 8	68-69
3927188	GM	5.7	No Model	Y	350	V 8	68-75
3927763	GM	3.8	No Model	L	230	L 6	63-70
3927763	GM	4.1	No Model	Q	250	L 6	66-75
3927763	GM	4.8	No Model	T	292	L 6	63-73
3927763	GM	4.8	No Model	T	292	L 6	74-77
3927763	GM	4.8	No Model	T	292	L 6	78-90
3927763	MERCUISER	4.1	No Model	MIE	250	L 6	66-75
3928455	GM	5.0	Z-28	302	302	V 8	67-69
3928455	GM	5.4	No Model	L	327	V 8	68-69
3928494	GM	5.4	No Model	L	327	V 8	68-69
3928494	GM	5.7	No Model	Y	350	V 8	68-75
3928495	GM	5.4	No Model	L	327	V 8	68-69
393021	GM	7.5	No Model	W	455	V 8	72-75
3931063	GM	6.5	No Model		396	V 8	65-72
3931063	GM	7.0	No Model	L	427	V 8	66-90
3931068	GM	7.0	No Model	L	427	V 8	66-90
3931637	GM	5.4	No Model	L	327	V 8	68-69
3931638	GM	5.4	No Model	L	327	V 8	68-69
3931639	GM	5.0	Z-28	302	302	V 8	67-69
3932441	GM	5.0	No Model	307	307	V 8	68-73
3932441	GM	5.4	No Model	L	327	V 8	62-67
3932441	GM	5.4	No Model	L	327	V 8	68-69
3932441	GM	5.7	No Model	V	350	V 8	74-76
3932441	GM	5.7	No Model	Y	350	V 8	68-75
3932454	GM	5.0	No Model	307	307	V 8	68-73
3932454	GM	5.4	No Model	L	327	V 8	68-69

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
3932454	GM	5.7	No Model	4	350	V 8	78-79
3932454	GM	5.7	No Model	L	350	V 8	76
3932454	GM	5.7	No Model	L	350	V 8	77-82
3932454	GM	5.7	No Model	L	350	V 8	83-86
3932454	GM	5.7	No Model	V	350	V 8	74-76
3932454	GM	5.7	No Model	Y	350	V 8	68-75
3932454	GM	5.7	No Model	Y	350	V 8	68-75
3933000	CHRYSLER	4.2	No Model	C	258	L 6	70-83
3933000	CHRYSLER	4.2	No Model	C	258	L 6	83-89
3933000	CHRYSLER	4.2	No Model	C(2)	258	L 6	83-89
3933002	CHRYSLER	4.2	No Model	C	258	L 6	70-83
3933002	CHRYSLER	4.2	No Model	C	258	L 6	83-89
3933002	CHRYSLER	4.2	No Model	C(2)	258	L 6	83-89
3933002	CHRYSLER	4.2	No Model	T	258	L 6	90
3933148	GM	5.7	No Model	Y	350	V 8	68-75
3933148	GM	6.0	No Model	B	366	V 8	68-90
3933148	GM	6.5	No Model		396	V 8	65-72
3933148	GM	7.0	No Model	L	427	V 8	66-90
3933149	GM	7.0	No Model	L	427	V 8	66-90
3933352	CUMMINS	3.9	B SERIES	B	239	L 4	83-98
3935400	CHRYSLER	5.9	No Model	C	359	L 6	94-96
3935400	CHRYSLER	5.9	No Model	D	359	L 6	97-98
3935400	CUMMINS	5.9	B SERIES	B	359	L 6	83-98
3935401	GM	7.0	No Model	L	427	V 8	66-90
3937734	GM	6.5	No Model		396	V 8	65-72
3937748	MERCUISER	3.0	No Model	IND	181	L 4	74-93
3937758	GM	3.0	No Model	IND	181	L 4	74-93
3937758	MERCUISER	3.0	No Model	IND	181	L 4	74-93
394189	GM	5.4	No Model	O	330	V 8	64-67
394190	GM	7.0	No Model	O	425	V 8	65-67
394356600	CUMMINS	8.3	ISC/QSC		505	L 6	98-06
3943627	CHRYSLER	3.0	No Model	C	181	V 6	91-92
3943627	CHRYSLER	5.9	No Model	7	359	L 6	00-01
3943627	CHRYSLER	5.9	No Model	C	359	L 6	98-05
3943627-03	CHRYSLER	5.9	No Model	6	359	L 6	98-05
3943627-03	CUMMINS	5.9	B SERIES		359	L 6	98-03
394497	GM	5.4	No Model	O	330	V 8	64-67
394548	GM	6.6	No Model	RO	400	V 8	65-69
394548	GM	7.0	No Model	O	425	V 8	65-67
394548	GM	7.4	No Model	Z	454	V 8	70-75
394548	GM	7.5	No Model	R	455	V 8	68-76
394548	GM	7.5	No Model	W	455	V 8	72-75
3945813	GM	5.7	No Model	4	350	V 8	78-79
3945813	GM	5.7	No Model	L	350	V 8	76
3945813	GM	5.7	No Model	L	350	V 8	77-82
3945813	GM	5.7	No Model	L	350	V 8	83-86
3945813	GM	5.7	No Model	V	350	V 8	74-76
3945813	GM	5.7	No Model	Y	350	V 8	68-75
3946074	GM	6.5	No Model		396	V 8	65-72
3946074	GM	7.0	No Model	L	427	V 8	66-90
3946074	GM	7.4	No Model	Z	454	V 8	70-75
3946812	GM	5.7	No Model	Y	350	V 8	68-75
3946813	GM	5.0	No Model	307	307	V 8	68-73
3946813	GM	5.4	No Model	L	327	V 8	68-69
3946813	GM	5.7	No Model	4	350	V 8	78-79
3946813	GM	5.7	No Model	L	350	V 8	76
3946813	GM	5.7	No Model	L	350	V 8	77-82

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
3946813	GM	5.7	No Model	L	350	V 8	83-86
3946813	GM	5.7	No Model	V	350	V 8	74-76
3946813	GM	5.7	No Model	Y	350	V 8	68-75
3947041	GM	5.0	No Model	307	307	V 8	68-73
3947041	GM	5.4	No Model	L	327	V 8	62-67
3947041	GM	5.4	No Model	L	327	V 8	68-69
3947041	GM	5.7	No Model	L	350	V 8	76
3947041	GM	5.7	No Model	L	350	V 8	77-82
3947041	GM	5.7	No Model	V	350	V 8	74-76
3947041	GM	5.7	No Model	Y	350	V 8	68-75
3948	GM	5.7	No Model	N	350	V 8	78-80
3948	GM	5.7	No Model	N	350	V 8	81-85
3948	GM	5.7	No Model	Z	350	V 8	80
3948	GM	5.7	No Model	Z	350	V 8	80-81
3951598	GM	5.0	No Model	307	307	V 8	68-73
3951598	GM	5.0	Z-28	302	302	V 8	67-69
3951598	GM	5.4	No Model	L	327	V 8	68-69
3951598	GM	5.7	No Model	L	350	V 8	76
3951598	GM	5.7	No Model	V	350	V 8	74-76
3951598	GM	5.7	No Model	Y	350	V 8	68-75
3951598	GM	6.6	No Model	L	400	V 8	70-78
3951598	GM	6.6	No Model	M	400	V 8	75-76
3951598	GM	6.6	No Model	R	400	V 8	77-80
395458	GM	7.4	No Model	Z	454	V 8	70-75
395458	GM	7.5	No Model	S	455	V 8	74-76
395458	GM	7.5	No Model	T	455	V 8	74-76
395458	GM	7.5	No Model	U	455	V 8	74-74
395458	GM	7.5	No Model	V	455	V 8	74-74
395458	GM	7.5	No Model	W	455	V 8	72-75
396055	GM	7.0	No Model	O	425	V 8	65-67
3961598	GM	6.6	No Model	L	400	V 8	70-78
3962056	GM	4.8	No Model	T	292	L 6	63-73
3962084	GM	3.8	No Model	L	230	L 6	63-70
3962084	GM	4.1	No Model	D	250	L 6	77-78
3962084	GM	4.1	No Model	Q	250	L 6	66-75
3962084	GM	4.8	No Model	T	292	L 6	63-73
3962084	GM	4.8	No Model	T	292	L 6	74-77
3962084	GM	4.8	No Model	T	292	L 6	78-90
3962084	MERCUISER	4.1	No Model	MIE	250	L 6	66-75
3962086	GM	4.8	No Model	T	292	L 6	63-73
3962086	GM	4.8	No Model	T	292	L 6	74-77
3962086	GM	4.8	No Model	T	292	L 6	78-90
39622084	GM	4.1	No Model	Q	250	L 6	66-75
39622084	GM	4.8	No Model	T	292	L 6	63-73
39622084	GM	4.8	No Model	T	292	L 6	74-77
39622084	GM	4.8	No Model	T	292	L 6	78-90
3962480	GM	6.5	No Model		396	V 8	65-72
3964280	GM	7.0	No Model	L	427	V 8	66-90
3964280	GM	7.4	No Model	Z	454	V 8	70-75
3964286	GM	5.7	No Model	4	350	V 8	78-79
3964286	GM	5.7	No Model	L	350	V 8	76
3964286	GM	5.7	No Model	V	350	V 8	74-76
3964286	GM	5.7	No Model	Y	350	V 8	68-75
3964290	GM	6.5	No Model		396	V 8	65-72
3964290	GM	7.0	No Model	L	427	V 8	66-90
3964290	GM	7.4	No Model	L	454	V 8	75-76
3964290	GM	7.4	No Model	S	454	V 8	76-79

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
3964290	GM	7.4	No Model	Z	454	V 8	70-75
3964291	GM	6.5	No Model		396	V 8	65-72
3964291	GM	7.0	No Model	L	427	V 8	66-90
3964291	GM	7.4	No Model	Z	454	V 8	70-75
3964292	GM	7.4	No Model	Z	454	V 8	70-75
3964380	GM	6.5	No Model		396	V 8	65-72
3965198	GM	6.5	No Model		396	V 8	65-72
3967096	GM	2.3	VEGA	V	140	L 4	71-76
3967105	GM	2.3	VEGA	V	140	L 4	71-76
3967802	GM	4.6	No Model		283	V 8	56-67
3969722C-1	CUMMINS	8.3	ISC/QSC		505	L 6	98-06
3969854	GM	6.5	No Model		396	V 8	65-72
3970126	GM	5.0	No Model	307	307	V 8	68-73
3970126	GM	5.4	No Model	L	327	V 8	68-69
3970126	GM	5.7	No Model	L	350	V 8	76
3970126	GM	5.7	No Model	L	350	V 8	77-82
3970126	GM	5.7	No Model	V	350	V 8	74-76
3970126	GM	5.7	No Model	Y	350	V 8	68-75
3973195	GM	6.6	No Model	L	400	V 8	70-78
3973195	GM	6.6	No Model	M	400	V 8	75-76
3973195	GM	6.6	No Model	R	400	V 8	77-80
3973370	GM	5.0	No Model	307	307	V 8	68-73
3973370	GM	5.4	No Model	L	327	V 8	68-69
3973414	GM	5.0	No Model	307	307	V 8	68-73
3973414	GM	5.4	No Model	L	327	V 8	62-67
3973414	GM	5.4	No Model	L	327	V 8	68-69
3973414	GM	5.7	No Model	Y	350	V 8	68-75
3973487	GM	5.7	No Model	L	350	V 8	76
3973487	GM	5.7	No Model	L	350	V 8	77-82
3973487	GM	5.7	No Model	L	350	V 8	83-86
3973487	GM	5.7	No Model	P	350	V 8	80-83
3973487	GM	5.7	No Model	V	350	V 8	74-76
3973487	GM	5.7	No Model	Y	350	V 8	68-75
3973493	GM	5.7	No Model	4	350	V 8	78-79
3973493	GM	5.7	No Model	L	350	V 8	76
3973493	GM	5.7	No Model	L	350	V 8	77-82
3973493	GM	5.7	No Model	L	350	V 8	83-86
3973493	GM	5.7	No Model	P	350	V 8	80-83
3973493	GM	5.7	No Model	V	350	V 8	74-76
3973493	GM	5.7	No Model	Y	350	V 8	68-75
3973493	GM	6.6	No Model	L	400	V 8	70-78
3973493	GM	6.6	No Model	M	400	V 8	75-76
3974393	GM	5.7	No Model	L	350	V 8	76
3974393	GM	5.7	No Model	V	350	V 8	74-76
3974393	GM	5.7	No Model	Y	350	V 8	68-75
397497	GM	5.4	No Model	O	330	V 8	64-67
3975950	GM	6.0	No Model	B	366	V 8	68-90
3975950	GM	6.5	No Model		396	V 8	65-72
3975950	GM	6.6	No Model	M	400	V 8	75-76
3975950	GM	7.0	No Model	L	427	V 8	66-90
397742	GM	5.4	No Model	O	330	V 8	64-67
397742	GM	5.7	No Model	R	350	V 8	69-76
398065R	NAVISTAR	2.8	464	C	175	L 4	
398065R	NAVISTAR	3.3	544	C	200	L 4	
398065R1	NAVISTAR	2.6	454	C(1)	157	L 4	
398065R1	NAVISTAR	2.9	454		179	L 3	
398065R1	NAVISTAR	3.3	544	C	200	L 4	

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
398065R1	NAVISTAR	3.9	544	D239	239	L 4	
398065R2	NAVISTAR	2.6	454	C(1)	157	L 4	
398065R-2	NAVISTAR	2.8	464	C	175	L 4	
3983852B	CUMMINS	10.0	L10	91->	611	L 6	91-96
3986133	GM	6.0	No Model	B	366	V 8	68-90
3986133	GM	7.0	No Model	L	427	V 8	66-90
3986133	GM	7.4	No Model	S	454	V 8	76-79
3986133	GM	7.4	No Model	W	454	V 8	80-86
3986133	GM	7.4	No Model	Y	454	V 8	76-78
3986133	GM	7.4	No Model	Z	454	V 8	70-75
3986135	GM	7.0	No Model	L	427	V 8	66-90
3986136	GM	6.0	No Model	B	366	V 8	68-90
3986136	GM	6.5	No Model		396	V 8	65-72
3986136	GM	7.0	No Model	L	427	V 8	66-90
3986136	GM	7.4	No Model	L	454	V 8	75-76
3986136	GM	7.4	No Model	S	454	V 8	76-79
3986136	GM	7.4	No Model	W	454	V 8	80-86
3986136	GM	7.4	No Model	Y	454	V 8	76-78
3986136	GM	7.4	No Model	Z	454	V 8	70-75
3986139	GM	7.0	No Model	L	427	V 8	66-90
3986316	GM	5.7	No Model	Y	350	V 8	68-75
3986330	GM	5.7	No Model	L	350	V 8	76
3986330	GM	5.7	No Model	V	350	V 8	74-76
3986330	GM	5.7	No Model	Y	350	V 8	68-75
3986336	GM	5.7	No Model	L	350	V 8	77-82
3986336	GM	5.7	No Model	V	350	V 8	74-76
3986336	GM	5.7	No Model	Y	350	V 8	68-75
3986339	GM	5.0	No Model	307	307	V 8	68-73
3986339	GM	5.7	No Model	4	350	V 8	78-79
3986339	GM	5.7	No Model	L	350	V 8	76
3986339	GM	5.7	No Model	L	350	V 8	77-82
3986339	GM	5.7	No Model	L	350	V 8	83-86
3986339	GM	5.7	No Model	P	350	V 8	80-83
3986339	GM	5.7	No Model	V	350	V 8	74-76
3986339	GM	5.7	No Model	Y	350	V 8	68-75
3986388	GM	5.4	No Model	L	327	V 8	68-69
3986388	GM	5.7	No Model	4	350	V 8	78-79
3986388	GM	5.7	No Model	L	350	V 8	76
3986388	GM	5.7	No Model	L	350	V 8	77-82
3986388	GM	5.7	No Model	L	350	V 8	83-86
3986388	GM	5.7	No Model	L	350	V 8	83-86
3986388	GM	5.7	No Model	M	350	V 8	79-88
3986388	GM	5.7	No Model	P	350	V 8	80-83
3986388	GM	5.7	No Model	V	350	V 8	74-76
3986388	GM	5.7	No Model	Y	350	V 8	68-75
3991492	GM	5.0	No Model	307	307	V 8	68-73
3991492	GM	5.0	Z-28	302	302	V 8	67-69
3991492	GM	5.4	No Model	L	327	V 8	68-69
3991492	GM	5.7	No Model	Y	350	V 8	68-75
3993820	GM	6.5	No Model		396	V 8	65-72
3993820	GM	7.4	No Model	L	454	V 8	75-76
3993820	GM	7.4	No Model	S	454	V 8	76-79
3993820	GM	7.4	No Model	W	454	V 8	80-86
3993820	GM	7.4	No Model	Y	454	V 8	76-78
3993820	GM	7.4	No Model	Z	454	V 8	70-75
39938241	GM	7.4	No Model	L	454	V 8	75-76
39938241	GM	7.4	No Model	Z	454	V 8	70-75

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
3994025	GM	7.4	No Model	Z	454	V 8	70-75
3994026	GM	7.4	No Model	Z	454	V 8	70-75
3996074	GM	7.4	No Model	Z	454	V 8	70-75
3998916	GM	5.7	No Model	Y	350	V 8	68-75
3998916	GM	6.6	No Model	L	400	V 8	70-78
3998916	GM	6.6	No Model	M	400	V 8	75-76
3998920	GM	5.7	No Model	L	350	V 8	76
3998920	GM	5.7	No Model	L	350	V 8	77-82
3998920	GM	5.7	No Model	L	350	V 8	83-86
3998920	GM	5.7	No Model	P	350	V 8	80-83
3998920	GM	5.7	No Model	V	350	V 8	74-76
3998920	GM	5.7	No Model	Y	350	V 8	68-75
3998991	GM	5.0	No Model	307	307	V 8	68-73
3998991	GM	5.4	No Model	L	327	V 8	68-69
3998991	GM	5.7	No Model	4	350	V 8	78-79
3998991	GM	5.7	No Model	L	350	V 8	76
3998991	GM	5.7	No Model	L	350	V 8	77-82
3998991	GM	5.7	No Model	L	350	V 8	83-86
3998991	GM	5.7	No Model	M	350	V 8	79-88
3998991	GM	5.7	No Model	P	350	V 8	80-83
3998991	GM	5.7	No Model	V	350	V 8	74-76
3998991	GM	5.7	No Model	Y	350	V 8	68-75
3998993	GM	5.7	No Model	4	350	V 8	78-79
3998993	GM	5.7	No Model	L	350	V 8	76
3998993	GM	5.7	No Model	L	350	V 8	77-82
3998993	GM	5.7	No Model	L	350	V 8	83-86
3998993	GM	5.7	No Model	P	350	V 8	80-83
3998993	GM	5.7	No Model	V	350	V 8	74-76
3998993	GM	5.7	No Model	Y	350	V 8	68-75
3998997	GM	5.7	No Model	L	350	V 8	76
3998997	GM	5.7	No Model	L	350	V 8	77-82
3998997	GM	5.7	No Model	L	350	V 8	83-86
3998997	GM	5.7	No Model	P	350	V 8	80-83
3998997	GM	5.7	No Model	V	350	V 8	74-76
3998997	GM	5.7	No Model	Y	350	V 8	68-75
3998997	GM	6.6	No Model	L	400	V 8	70-78
3998997	GM	6.6	No Model	M	400	V 8	75-76
3998997	GM	6.6	No Model	R	400	V 8	77-80
3998997	GM	6.6	No Model	X	400	V 8	79-80
3999241	GM	6.5	No Model		396	V 8	65-72
3999241	GM	7.4	No Model	L	454	V 8	75-76
3999241	GM	7.4	No Model	Z	454	V 8	70-75
3AH-25976	CHRYSLER	2.2	SHELBY	A	135	L 4	86-90
3B3184	CATERPILLAR	20.4	13000		1246	L 6	
3B3184	CATERPILLAR	20.4	D342	3	1246	L 6	
3B3184	CATERPILLAR	20.4	D8	1	1246	L 6	
3B3184	CATERPILLAR	20.4	D8	2	1246	L 6	
3B3184	CATERPILLAR	20.4	D8	4	1246	L 6	
3B3187	CATERPILLAR	13.6	7700		831	L 4	
3B9422	CATERPILLAR	5.1	955		312	L 4	
3B9422	CATERPILLAR	5.1	955		312	L 4	
3C	HYUNDAI	1.8	ELANTRA	M	112	L 4	93-99
3E	TOYOTA	1.5	TERCEL	3E	89	L 4	87-90
3E	TOYOTA	1.5	TERCEL	3E-E	89	L 4	90-94
3EE	TOYOTA	1.5	TERCEL	3E-E	89	L 4	90-94
3F9903	CATERPILLAR	8.6	D318		525	L 6	
3F9903	CATERPILLAR	8.6	D318(2)		525	L 6	

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
3H5553	CATERPILLAR	12.2	D326		744	L 6	
3H5553	CATERPILLAR	12.2	D337		744	L 6	
3M	GM	1.6	NOVA	4	97	L 4	85-88
3N3991	CATERPILLAR	7.0	3304	CB	425	L 4	
3R	NISSAN	1.6	No Model	CA16D	97	L 4	87
3R1009	CATERPILLAR	5.7	D330	CB	350	L 4	
3S7666	CATERPILLAR	29.3	348		1786	V 12	
3S7666	CATERPILLAR	29.3	D348		1786	V 12	
3S7707	CATERPILLAR	10.5	1673C	CB	638	L 6	
3S7707	CATERPILLAR	10.5	1673C	CB	638	L 6	
3S7707	CATERPILLAR	10.5	1674	1	638	L 6	
3S7707	CATERPILLAR	10.5	1674	2	638	L 6	
3S7707	CATERPILLAR	10.5	1674	3	638	L 6	
3S7707	CATERPILLAR	10.5	334		638	L 6	
3S7707	CATERPILLAR	10.5	D334	1	638	L 6	
3S7707	CATERPILLAR	10.5	D334	2	638	L 6	
3S7707	CATERPILLAR	10.5	D334	3	638	L 6	
3S8455	CATERPILLAR	20.4	13000		1246	L 6	
3S8455	CATERPILLAR	20.4	D342	3	1246	L 6	
3S8455	CATERPILLAR	20.4	D8	1	1246	L 6	
3S8455	CATERPILLAR	20.4	D8	2	1246	L 6	
3S8455	CATERPILLAR	20.4	D8	4	1246	L 6	
3T84	JOHN DEERE	1.7	3T90J		105	L 3	
3T84	JOHN DEERE	1.7	3T90TJ		105	L 3	
3T90T-J	YANMAR	1.4	3TN84		87	L 3	
3UU3727	PEUGEOT	2.2	No Model		132	L 4	85-90
3X18	TOYOTA	2.0	CELICA	18R-C	120	L 4	71-74
4	FORD	2.0	ESCORT	H	122	L 4	84-87
4	TOYOTA	3.0	4-RUNNER	3V-ZE	180	V 6	88-95
40	CHRYSLER	2.5	DAKOTA	P	150	L 4	91-02
400109	GM	7.5	No Model	S	455	V 8	74-76
400109	GM	7.5	No Model	T	455	V 8	74-76
400109	GM	7.5	No Model	U	455	V 8	74-74
400109	GM	7.5	No Model	V	455	V 8	74-74
400109	GM	7.5	No Model	W	455	V 8	72-75
400370	GM	6.6	No Model	RO	400	V 8	68-69
400370	GM	7.5	No Model	R	455	V 8	68-76
400370	GM	7.5	No Model	S	455	V 8	74-76
400370	GM	7.5	No Model	T	455	V 8	74-76
400370	GM	7.5	No Model	U	455	V 8	74-74
400370	GM	7.5	No Model	V	455	V 8	74-74
4006452	CHRYSLER	5.9	No Model	TRK	361	V 8	57-78
4006452	CHRYSLER	6.3	No Model		383	V 8	59-71
4006452	CHRYSLER	6.6	No Model	N	400	V 8	72-78
4006452	CHRYSLER	7.2	No Model		440	V 8	76-76
4006452	CHRYSLER	7.2	No Model	T	440	V 8	66-73
4006452	CHRYSLER	7.2	No Model	U	440	V 8	74-76
4006933	ALLIS CHALMERS	4.9	180	D	301	L 6	
4006933	ALLIS CHALMERS	4.9	200	D	301	L 6	
4006933	ALLIS CHALMERS	4.9	7010	D	301	L 6	
4006938	ALLIS CHALMERS	4.9	180	D	301	L 6	
4006938	ALLIS CHALMERS	4.9	200	D	301	L 6	
4008086	ALLIS CHALMERS	4.9	180	D	301	L 6	
4008086	ALLIS CHALMERS	4.9	200	D	301	L 6	
4008087	ALLIS CHALMERS	4.9	180	D	301	L 6	
4008087	ALLIS CHALMERS	4.9	200	D	301	L 6	
4008087	ALLIS CHALMERS	4.9	7010	D	301	L 6	

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
4012854	ALLIS CHALMERS	4.9	180	D	301	L 6	
4012854	ALLIS CHALMERS	4.9	200	D	301	L 6	
4013469	ALLIS CHALMERS	4.9	200	D	301	L 6	
4020083	ALLIS CHALMERS	3.3	443		200	L 4	
4020083	ALLIS CHALMERS	4.9	180	D	301	L 6	
4020083	ALLIS CHALMERS	4.9	200	D	301	L 6	
4020157	ALLIS CHALMERS	4.9	190XT	G	301	L 6	
4020158	ALLIS CHALMERS	4.9	190XT	G	301	L 6	
4020168	ALLIS CHALMERS	3.3	443		200	L 4	
4020168	ALLIS CHALMERS	4.3	D19		262	L 6	
4020180	ALLIS CHALMERS	4.3	2500	G	265	L 6	
4020180	ALLIS CHALMERS	4.9	180	D	301	L 6	
4020205	HERCULES	2.7	G1600	F	163	L 4	
40-20205	HERCULES	2.7	G1600	F	163	L 4	
4020417	ALLIS CHALMERS	4.9	190XT	G	301	L 6	
4020683	ALLIS CHALMERS	4.9	180	D	301	L 6	
4020728	ALLIS CHALMERS	4.9	180	D	301	L 6	
4020728	ALLIS CHALMERS	4.9	200	D	301	L 6	
4021051	CHRYSLER	5.2	No Model	P	318	V 8	83-91
4021051	CHRYSLER	5.2	No Model	R	318	V 8	83-87
4021051	CHRYSLER	5.2	No Model	S	318	V 8	83-89
402154	ALLIS CHALMERS	4.9	190XT	G	301	L 6	
402185	ALLIS CHALMERS	4.9	180	D	301	L 6	
4021854	ALLIS CHALMERS	4.9	180	D	301	L 6	
4021854	ALLIS CHALMERS	4.9	200	D	301	L 6	
4021855	ALLIS CHALMERS	4.9	180	D	301	L 6	
4021855	ALLIS CHALMERS	4.9	190XT	G	301	L 6	
4021857	ALLIS CHALMERS	4.9	190XT	G	301	L 6	
4021858	ALLIS CHALMERS	4.3	2500	G	265	L 6	
4023469	ALLIS CHALMERS	4.9	200	D	301	L 6	
4023469	ALLIS CHALMERS	4.9	7010	D	301	L 6	
4023884	ALLIS CHALMERS	4.9	180	D	301	L 6	
402389	ALLIS CHALMERS	4.9	180	D	301	L 6	
4023894	ALLIS CHALMERS	4.9	180	D	301	L 6	
4023894	ALLIS CHALMERS	4.9	190XT	G	301	L 6	
4023894	ALLIS CHALMERS	4.9	200	D	301	L 6	
4025531	ALLIS CHALMERS	7.0	3400		426	L 6	70-85
4025531	ALLIS CHALMERS	7.0	3400	D	426	L 6	70-85
4026227	ALLIS CHALMERS	7.0	3400		426	L 6	70-85
4026227	ALLIS CHALMERS	7.0	3400	D	426	L 6	70-85
4026227	ALLIS CHALMERS	7.0	D21	D-21	426	L 6	70-70
4026277	ALLIS CHALMERS	7.0	3400		426	L 6	70-85
4026277	ALLIS CHALMERS	7.0	D21	D-21	426	L 6	70-70
4027163	CHRYSLER	5.2	No Model	E	318	V 8	73-76
4027163	CHRYSLER	5.2	No Model	E	318	V 8	77-80
4027163	CHRYSLER	5.2	No Model	G	318	V 8	77-79
4027163	CHRYSLER	5.2	No Model	G	318	V 8	80
4027163	CHRYSLER	5.2	No Model	H	318	V 8	78-80
4027163	CHRYSLER	5.2	No Model	J	318	V 8	81-82
4027163	CHRYSLER	5.2	No Model	K	318	V 8	81-82
4027163	CHRYSLER	5.2	No Model	L	318	V 8	81-82
4027163	CHRYSLER	5.2	No Model	P	318	V 8	81-82
4027163	CHRYSLER	5.2	No Model	P	318	V 8	83-91
4027163	CHRYSLER	5.2	No Model	R	318	V 8	83-87
4027163	CHRYSLER	5.2	No Model	S	318	V 8	83-89
4027163	CHRYSLER	5.2	No Model	T	318	V 8	83-87
402759	CHRYSLER	5.2	No Model	L	318	V 8	81-82

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
402759	CHRYSLER	5.2	No Model	P	318	V 8	83-91
4027593	CHRYSLER	5.2	No Model	E	318	V 8	73-76
4027593	CHRYSLER	5.2	No Model	E	318	V 8	77-80
4027593	CHRYSLER	5.2	No Model	G	318	V 8	77-79
4027593	CHRYSLER	5.2	No Model	G	318	V 8	80
4027593	CHRYSLER	5.2	No Model	H	318	V 8	78-80
4027593	CHRYSLER	5.2	No Model	J	318	V 8	81-82
4027593	CHRYSLER	5.2	No Model	K	318	V 8	81-82
4027593	CHRYSLER	5.2	No Model	P	318	V 8	81-82
4027593	CHRYSLER	5.2	No Model	P	318	V 8	83-91
4027593	CHRYSLER	5.2	No Model	R	318	V 8	83-87
4027593	CHRYSLER	5.2	No Model	S	318	V 8	83-89
4027593	CHRYSLER	5.2	No Model	T	318	V 8	83-87
4027596	CHRYSLER	5.2	No Model	E	318	V 8	73-76
4027596	CHRYSLER	5.2	No Model	E	318	V 8	77-80
4027596	CHRYSLER	5.2	No Model	M	318	V 8	81-82
4027596	CHRYSLER	5.2	No Model	N	318	V 8	81-85
4027596	CHRYSLER	5.2	No Model	P	318	V 8	83-91
4027596	CHRYSLER	5.2	No Model	R	318	V 8	81-82
4027596	CHRYSLER	5.2	No Model	R	318	V 8	83-87
4027596	CHRYSLER	5.2	No Model	S	318	V 8	83-89
4027596	CHRYSLER	5.2	No Model	U	318	V 8	83-84
4027596	CHRYSLER	5.9	No Model	F	360	V 8	77-79
4027596	CHRYSLER	5.9	No Model	F	360	V 8	80
4027596	CHRYSLER	5.9	No Model	I	360	V 8	83-87
4027596	CHRYSLER	5.9	No Model	J	360	V 8	76-79
4027596	CHRYSLER	5.9	No Model	K	360	V 8	77-79
4027596	CHRYSLER	5.9	No Model	K	360	V 8	80
4027596	CHRYSLER	5.9	No Model	L	360	V 8	76-78
4027596	CHRYSLER	5.9	No Model	L	360	V 8	79
4027596	CHRYSLER	5.9	No Model	L	360	V 8	80
4027596	CHRYSLER	5.9	No Model	S	360	V 8	80-82
4027596	CHRYSLER	5.9	No Model	T	360	V 8	77-79
4027596	CHRYSLER	5.9	No Model	T	360	V 8	80-82
4027596	CHRYSLER	5.9	No Model	U	360	V 8	81-82
4027596	CHRYSLER	5.9	No Model	V	360	V 8	81
4027596	CHRYSLER	5.9	No Model	V	360	V 8	82
4027596	CHRYSLER	5.9	No Model	W	360	V 8	83-88
4027600	CHRYSLER	3.7	No Model		225	L 6	76-87
4027600	CHRYSLER	3.7	No Model	B	225	L 6	69-80
4027600	CHRYSLER	3.7	No Model	C	225	L 6	60-80
4027600-5	CHRYSLER	3.7	No Model		225	L 6	76-87
4028163	ALLIS CHALMERS	7.0	3400		426	L 6	70-85
4028618	ALLIS CHALMERS	7.0	3400		426	L 6	70-85
4028618	ALLIS CHALMERS	7.0	3400	D	426	L 6	70-85
4029163	ALLIS CHALMERS	7.0	3400		426	L 6	70-85
4029163	ALLIS CHALMERS	7.0	3400	D	426	L 6	70-85
403	CHRYSLER	2.5	DAKOTA	P	150	L 4	91-02
403	CHRYSLER	2.5	No Model	E	150	L 4	89-93
403	CHRYSLER	2.5	No Model	H	150	L 4	86-88
403	CHRYSLER	2.5	No Model	U	150	L 4	84-86
4035242	ALLIS CHALMERS	7.0	3400		426	L 6	70-85
4035246	ALLIS CHALMERS	7.0	3400		426	L 6	70-85
4035246	ALLIS CHALMERS	7.0	3400	D	426	L 6	70-85
4035249	ALLIS CHALMERS	7.0	3400		426	L 6	70-85
4035249	ALLIS CHALMERS	7.0	3400	D	426	L 6	70-85
4035249	ALLIS CHALMERS	7.0	D21	D-21	426	L 6	70-70

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
403606	GM	7.0	No Model	O	425	V 8	65-67
4036628	ALLIS CHALMERS	7.0	3400		426	L 6	70-85
4036628	ALLIS CHALMERS	7.0	3400	D	426	L 6	70-85
4036628	ALLIS CHALMERS	7.0	D21	D-21	426	L 6	70-70
4036656	ALLIS CHALMERS	7.0	3400		426	L 6	70-85
4036656	ALLIS CHALMERS	7.0	3400	D	426	L 6	70-85
4036656	ALLIS CHALMERS	7.0	D21	D-21	426	L 6	70-70
4036658	ALLIS CHALMERS	7.0	3400		426	L 6	70-85
4036658	ALLIS CHALMERS	7.0	3400	D	426	L 6	70-85
4036658	ALLIS CHALMERS	7.0	D21	D-21	426	L 6	70-70
403686	GM	6.6	No Model	RO	400	V 8	65-69
403686	GM	7.5	No Model	R	455	V 8	68-76
403686	GM	7.5	No Model	S	455	V 8	74-76
403686	GM	7.5	No Model	T	455	V 8	74-76
403686	GM	7.5	No Model	U	455	V 8	74-74
403686	GM	7.5	No Model	V	455	V 8	74-74
403686	GM	7.5	No Model	W	455	V 8	72-75
403859	GM	5.7	No Model	R	350	V 8	69-76
404438	GM	7.5	No Model	R	455	V 8	68-76
404438	GM	7.5	No Model	S	455	V 8	74-76
404438	GM	7.5	No Model	T	455	V 8	74-76
404438	GM	7.5	No Model	U	455	V 8	74-74
404438	GM	7.5	No Model	V	455	V 8	74-74
404438	GM	7.5	No Model	W	455	V 8	72-75
4049606R	NAVISTAR	2.3	354	G(1)	144	L 4	
405	CHRYSLER	2.5	No Model	H	150	L 4	86-88
4052839R91	NAVISTAR	6.4	No Model		392	V 8	56-83
4052839R92	NAVISTAR	6.4	No Model		392	V 8	56-83
405283R92	NAVISTAR	6.4	No Model		392	V 8	56-83
4059222	CUMMINS	15.0	600 SERIES		912	6	97-05
4059246	CUMMINS	15.0	600 SERIES		912	6	97-05
405949	CHRYSLER	1.6	OMNI	A	97	L 4	83-86
405949	PEUGEOT	1.6	No Model	A	97	L 4	83-86
406	GM	6.0	No Model		365	V 8	58-62
406790	NAVISTAR	3.3	544	C	200	L 4	
406790R	NAVISTAR	3.3	544	C	200	L 4	
406790R1	NAVISTAR	3.3	544	C	200	L 4	
406790R2	NAVISTAR	3.3	544	C	200	L 4	
4071051	CHRYSLER	5.2	No Model	M	318	V 8	81-82
4071051	CHRYSLER	5.2	No Model	P	318	V 8	83-91
4071051	CHRYSLER	5.2	No Model	R	318	V 8	81-82
4071051	CHRYSLER	5.2	No Model	R	318	V 8	83-87
4071051	CHRYSLER	5.2	No Model	U	318	V 8	83-84
4071051	CHRYSLER	5.9	No Model	F	360	V 8	77-79
4071051	CHRYSLER	5.9	No Model	F	360	V 8	80
4071051	CHRYSLER	5.9	No Model	I	360	V 8	83-87
4071051	CHRYSLER	5.9	No Model	J	360	V 8	76-79
4071051	CHRYSLER	5.9	No Model	K	360	V 8	77-79
4071051	CHRYSLER	5.9	No Model	K	360	V 8	80
4071051	CHRYSLER	5.9	No Model	L	360	V 8	76-78
4071051	CHRYSLER	5.9	No Model	L	360	V 8	79
4071051	CHRYSLER	5.9	No Model	L	360	V 8	80
4071051	CHRYSLER	5.9	No Model	S	360	V 8	80-82
4071051	CHRYSLER	5.9	No Model	T	360	V 8	77-79
4071051	CHRYSLER	5.9	No Model	T	360	V 8	80-82
4071051	CHRYSLER	5.9	No Model	U	360	V 8	81-82
4071051	CHRYSLER	5.9	No Model	V	360	V 8	81

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
4071051	CHRYSLER	5.9	No Model	V	360	V 8	82
4071051	CHRYSLER	5.9	No Model	W	360	V 8	83-88
408	CHRYSLER	2.5	DAKOTA	P	150	L 4	91-02
408	CHRYSLER	2.5	No Model	H	150	L 4	86-88
40802	FORD	1.7	1910		104	L 3	
409100	GM	7.5	No Model	R	455	V 8	68-76
409100	GM	7.5	No Model	R	455	V 8	68-76
409100	GM	7.5	No Model	S	455	V 8	74-76
409100	GM	7.5	No Model	T	455	V 8	74-76
409100	GM	7.5	No Model	U	455	V 8	74-74
409100	GM	7.5	No Model	V	455	V 8	74-74
409100	GM	7.5	No Model	W	455	V 8	72-75
409147	GM	5.7	No Model	R	350	V 8	69-76
409160	GM	7.5	No Model	R	455	V 8	68-76
409160	GM	7.5	No Model	S	455	V 8	74-76
409160	GM	7.5	No Model	T	455	V 8	74-76
409160	GM	7.5	No Model	U	455	V 8	74-74
409160	GM	7.5	No Model	V	455	V 8	74-74
409160	GM	7.5	No Model	W	455	V 8	72-75
4095778	CHRYSLER	3.7	No Model		225	L 6	76-87
4095778	CHRYSLER	3.7	No Model	E	225	L 6	81-82
4095778	CHRYSLER	3.7	No Model	F	225	L 6	81-82
4095778	CHRYSLER	3.7	No Model	G	225	L 6	82
4095778	CHRYSLER	3.7	No Model	H	225	L 6	82-87
4095778	CHRYSLER	3.7	No Model	J	225	L 6	83-84
4095778	CHRYSLER	3.7	No Model	W	225	L 6	82
40960	ALLIS CHALMERS	7.0	3400		426	L 6	70-85
40960	ALLIS CHALMERS	7.0	3400	D	426	L 6	70-85
40960	ALLIS CHALMERS	7.0	D21	D-21	426	L 6	70-70
40960	BUDA	7.7	No Model	K	468	L 6	
40F	NISSAN	2.4	240SX	H	146	L 4	89-90
40F	NISSAN	2.4	240SX	M	146	L 4	89-91
40F	NISSAN	2.4	PATHFINDER	Z24I	146	L 4	86-90
40FOR	NISSAN	2.4	240SX	M	146	L 4	89-91
4104362	CHRYSLER	3.7	No Model		225	L 6	76-87
4104362	CHRYSLER	3.7	No Model	B	225	L 6	69-80
4104362	CHRYSLER	3.7	No Model	C	225	L 6	60-80
4104362	CHRYSLER	3.7	No Model	D	225	L 6	77-80
4104362	CHRYSLER	3.7	No Model	N	225	L 6	80
4105445	CHRYSLER	2.2	No Model	8	135	L 4	82-85
4105445	CHRYSLER	2.2	No Model	B	135	L 4	81-82
4105445	CHRYSLER	2.2	No Model	D	135	L 4	83-85
4105445	CHRYSLER	2.2	No Model	E	135	L 4	83-85
4105445	CHRYSLER	2.2	No Model	F	135	L 4	83-85
4105782	CHRYSLER	2.2	No Model	C	135	L 4	86-88
4105782	CHRYSLER	2.2	No Model	C	135	L 4	90
4105782	CHRYSLER	2.2	No Model	D	135	L 4	86-90
4105782	CHRYSLER	2.2	No Model	D	135	L 4	91-94
4105782	CHRYSLER	2.2	No Model	E	135	L 4	83-85
4105782	CHRYSLER	2.2	No Model	E	135	L 4	86-87
4105782	CHRYSLER	2.2	SHELBY	A	135	L 4	86-90
4105782	CHRYSLER	2.5	DAKOTA	G	153	L 4	94-95
4105782	CHRYSLER	2.5	DAKOTA	J	153	L 4	89-92
4105782	CHRYSLER	2.5	No Model	K	153	L 4	87-90
4105782	CHRYSLER	2.5	No Model	K	153	L 4	91-95
4105782	CHRYSLER	2.5	No Model	L	153	L 4	86-87
4105782	CHRYSLER	2.5	No Model	V	153	L 4	93-95

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
4105782	CHRYSLER	2.5	No Model	W	153	L 4	92-93
411783	GM	7.5	No Model	S	455	V 8	74-76
411783	GM	7.5	No Model	T	455	V 8	74-76
411783	GM	7.5	No Model	U	455	V 8	74-74
411783	GM	7.5	No Model	V	455	V 8	74-74
411783	GM	7.5	No Model	W	455	V 8	72-75
411929	GM	5.7	No Model	8	350	V 8	80
411929	GM	5.7	No Model	B	350	V 8	78-79
411929	GM	5.7	No Model	R	350	V 8	69-76
4120187	CHRYSLER	6.6	No Model	N	400	V 8	72-78
4120187	CHRYSLER	7.2	No Model		440	V 8	76-76
413191	GM	7.5	No Model	R	455	V 8	68-76
413191	GM	7.5	No Model	S	455	V 8	74-76
413191	GM	7.5	No Model	T	455	V 8	74-76
413191	GM	7.5	No Model	U	455	V 8	74-74
413191	GM	7.5	No Model	V	455	V 8	74-74
413191	GM	7.5	No Model	W	455	V 8	72-75
4-154	MAZDA	2.5	154	D	154	L 4	
4-154	PERKINS	2.5	154	D	154	L 4	
416	GM	6.9	BONNEVILLE	P	421	V 8	61-66
416	GM	7.0	No Model	P	428	V 8	67-69
416414-2	GM	3.9	OLDSMOBILE		238	6	37-48
41-82	TOYOTA	1.5	TERCEL	3A	89	L 4	80-86
41-82	TOYOTA	1.5	TERCEL	3A-C	89	L 4	81-88
4183553	FIAT	1.1	No Model		66	L 4	80-87
418882	GM	4.3	No Model	8	260	V 8	77-82
419305	VOLVO	2.0	No Model	B20E	121	L 4	71-73
42	CHRYSLER	3.0	No Model	3	181	V 6	87-95
42	CHRYSLER	3.0	No Model	3	181	V 6	96-99
42	CHRYSLER	3.0	No Model	V	181	V 6	92
42	MITSUBISHI	3.0	DIMANTE	H	181	V 6	93-96
42	MITSUBISHI	3.0	GALANT	S	181	V 6	88-92
42	MITSUBISHI	3.0	No Model	3	181	V 6	87-91
422466	GM	6.6	FIREBIRD	S	400	V 8	67-79
422466	GM	6.6	No Model	P	400	V 8	72-75
422466	GM	6.6	No Model	R	400	V 8	74-75
422466	GM	6.6	No Model	S	400	V 8	75-75
422466	GM	6.6	No Model	T	400	V 8	72-77
4227979	CHRYSLER	3.9	No Model	X	239	V 6	88-91
4227979	CHRYSLER	3.9	TRUCK	M	239	V 6	87-88
423	TOYOTA	2.2	No Model	L	134	L 4	81-83
4249890	ALLIS CHALMERS	5.6	HD6	HD	344	L 4	
4250	GM	3.3	No Model	N	204	V 6	89-93
4250	GM	3.8	No Model	3	231	V 6	87-88
4250	GM	3.8	No Model	C	231	V 6	88
4250	GM	3.8	No Model	C	231	V 6	88-91
4250	GM	3.8	No Model	L	231	V 6	91-94
4256	GM	3.8	No Model	C	231	V 6	88-91
426424	GM	5.0	No Model	G	305	V 8	76-79
426424	GM	5.0	No Model	G	305	V 8	80-81
426424	GM	5.0	No Model	H	305	V 8	78-88
426424	GM	5.0	No Model	Q	305	V 8	76
426424	GM	5.0	No Model	U	305	V 8	77-79
426454	MACK	6.2	MIDR 06.02.26		377	L 6	90-04
4275590	FIAT	1.8	SPIDER	32A	107	L 4	75-78
4280	GM	3.3	No Model	N	204	V 6	89-93
4286526V	CHRYSLER	5.9	No Model	K	360	V 8	80

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
4315807	CHRYSLER	3.5	No Model	F	215	V 6	93-97
4315807B	CHRYSLER	3.5	No Model	F	215	V 6	93-97
432	MG	1.5	MIDGET	A	91	L 4	75-80
432	MG	1.6	MARK II	C	99	L 4	61-62
432089	NAVISTAR	5.7	No Model		345	V 8	76-81
432089C	NAVISTAR	5.7	No Model		345	V 8	76-81
432089C2	NAVISTAR	5.7	No Model		345	V 8	76-81
432090C92	NAVISTAR	5.7	No Model		345	V 8	76-81
432091	NAVISTAR	5.7	No Model		345	V 8	76-81
4323239	CHRYSLER	5.2	No Model	P	318	V 8	83-91
4323239	CHRYSLER	5.2	No Model	R	318	V 8	83-87
4323239	CHRYSLER	5.2	No Model	S	318	V 8	83-89
4323287	CHRYSLER	2.2	No Model	8	135	L 4	82-85
4323287	CHRYSLER	2.2	No Model	C	135	L 4	83-85
4323287	CHRYSLER	2.2	No Model	D	135	L 4	83-85
4323287	CHRYSLER	2.2	No Model	E	135	L 4	83-85
4323287	CHRYSLER	2.2	No Model	F	135	L 4	83-85
4323287	CHRYSLER	2.2	SHELBY	A	135	L 4	86-90
4323287	CHRYSLER	2.5	No Model	L	153	L 4	86-87
4323302	CHRYSLER	5.2	DAKOTA	Y	318	V 8	88-91
4323302	CHRYSLER	5.2	DAKOTA	Y	318	V 8	92-04
4323302	CHRYSLER	5.2	No Model	4	318	V 8	83-89
4323302	CHRYSLER	5.2	No Model	P	318	V 8	83-91
4323302	CHRYSLER	5.2	No Model	R	318	V 8	83-87
4323302	CHRYSLER	5.2	No Model	S	318	V 8	83-89
4323302	CHRYSLER	5.2	No Model	T	318	V 8	83-87
43233024	CHRYSLER	5.2	DAKOTA	Y	318	V 8	88-91
4323345	CHRYSLER	5.2	No Model	P	318	V 8	83-91
4323345	CHRYSLER	5.2	No Model	R	318	V 8	83-87
4323345	CHRYSLER	5.2	No Model	S	318	V 8	83-89
4323345	CHRYSLER	5.9	MAGNUM	5	360	V 8	92-01
4323345	CHRYSLER	5.9	No Model	5	360	V 8	89-91
4323345	CHRYSLER	5.9	No Model	T	360	V 8	80-82
4323345	CHRYSLER	5.9	No Model	V	360	V 8	81
4323345	CHRYSLER	5.9	No Model	V	360	V 8	82
4323345	CHRYSLER	5.9	No Model	W	360	V 8	83-88
4323345	CHRYSLER	5.9	No Model	Z	360	V 8	89-91
4323352	CHRYSLER	5.9	No Model	Z	360	V 8	89-91
4323805	CHRYSLER	5.9	No Model	T	360	V 8	80-82
4323805	CHRYSLER	5.9	No Model	V	360	V 8	81
4323805	CHRYSLER	5.9	No Model	V	360	V 8	82
4325807	CHRYSLER	3.5	No Model	F	215	V 6	93-97
4325807	CHRYSLER	3.5	No Model	G	215	V 6	98-02
4325807	CHRYSLER	3.5	No Model	K	215	V 6	02-04
4325807	CHRYSLER	3.5	No Model	M	215	V 6	02-04
4325807	CHRYSLER	3.5	No Model	V	215	V 6	02-04
433010	NAVISTAR	3.2	No Model	1/2V8	196	L 4	80-83
433010	NAVISTAR	6.4	No Model		392	V 8	56-83
433010C2	NAVISTAR	6.4	No Model		392	V 8	56-83
433011-C2	NAVISTAR	3.2	No Model	1/2V8	196	L 4	80-83
433011-C2	NAVISTAR	6.4	No Model		392	V 8	56-83
433011C92	NAVISTAR	6.4	No Model		392	V 8	56-83
433012	NAVISTAR	3.2	No Model	1/2V8	196	L 4	80-83
433012	NAVISTAR	6.4	No Model		392	V 8	56-83
433056C1	NAVISTAR	5.0	304A		304	V 8	58-80
433056R	NAVISTAR	5.0	304A		304	V 8	58-80
4336488	ALLIS CHALMERS	3.3	HD4		200	L 4	

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
4336488	ALLIS CHALMERS	8.5	11000		516	L 6	
4336488	BUDA	3.3	HD-4		200	L 4	
4336488	BUDA	8.5	HD11		516	L 6	
4336501	ALLIS CHALMERS	8.5	11000		516	L 6	
4336501	ALLIS CHALMERS	10.2	HD11		624	L 6	
4336501	BUDA	8.5	HD11		516	L 6	
4336501	BUDA	10.2	HD11		624	L 6	
4338544	ALLIS CHALMERS	8.5	11000		516	L 6	
4338544	ALLIS CHALMERS	10.2	HD11		624	L 6	
4338544	BUDA	8.5	HD11		516	L 6	
4339544	ALLIS CHALMERS	8.5	11000		516	L 6	
4339544	ALLIS CHALMERS	10.2	HD11		624	L 6	
4339544	BUDA	8.5	HD11		516	L 6	
4339614	ALLIS CHALMERS	5.6	HD6	HD	344	L 4	
4339614	BUDA	5.7	HD-6		344	L 4	
4339814	ALLIS CHALMERS	5.6	6000		344	L 4	
4339814	ALLIS CHALMERS	5.6	HD6	HD	344	L 4	
4343475	CHRYSLER	5.2	No Model	M	318	V 8	81-82
4343475	CHRYSLER	5.2	No Model	P	318	V 8	83-91
4343475	CHRYSLER	5.2	No Model	R	318	V 8	81-82
4343475	CHRYSLER	5.2	No Model	R	318	V 8	83-87
4343475	CHRYSLER	5.2	No Model	S	318	V 8	83-89
4343475	CHRYSLER	5.2	No Model	U	318	V 8	83-84
4343475	CHRYSLER	5.9	No Model	F	360	V 8	77-79
4343475	CHRYSLER	5.9	No Model	F	360	V 8	80
4343475	CHRYSLER	5.9	No Model	I	360	V 8	83-87
4343475	CHRYSLER	5.9	No Model	J	360	V 8	76-79
4343475	CHRYSLER	5.9	No Model	K	360	V 8	77-79
4343475	CHRYSLER	5.9	No Model	K	360	V 8	80
4343475	CHRYSLER	5.9	No Model	L	360	V 8	76-78
4343475	CHRYSLER	5.9	No Model	L	360	V 8	79
4343475	CHRYSLER	5.9	No Model	L	360	V 8	80
4343475	CHRYSLER	5.9	No Model	S	360	V 8	80-82
4343475	CHRYSLER	5.9	No Model	T	360	V 8	77-79
4343475	CHRYSLER	5.9	No Model	T	360	V 8	80-82
4343475	CHRYSLER	5.9	No Model	U	360	V 8	81-82
4343475	CHRYSLER	5.9	No Model	V	360	V 8	81
4343475	CHRYSLER	5.9	No Model	V	360	V 8	82
4343475	CHRYSLER	5.9	No Model	W	360	V 8	83-88
4343646	CHRYSLER	5.2	No Model	4	318	V 8	83-89
4343646	CHRYSLER	5.2	No Model	P	318	V 8	83-91
4343646	CHRYSLER	5.2	No Model	R	318	V 8	83-87
4343646	CHRYSLER	5.2	No Model	S	318	V 8	83-89
4343646	CHRYSLER	5.9	No Model	W	360	V 8	83-88
4343646	CHRYSLER	5.9	No Model	Z	360	V 8	89-91
4343805	CHRYSLER	5.9	No Model	I	360	V 8	83-87
4343805	CHRYSLER	5.9	No Model	K	360	V 8	80
4343805	CHRYSLER	5.9	No Model	L	360	V 8	80
4343805	CHRYSLER	5.9	No Model	W	360	V 8	83-88
4343923	CHRYSLER	5.2	No Model	P	318	V 8	83-91
4343923	CHRYSLER	5.2	No Model	R	318	V 8	83-87
4343923	CHRYSLER	5.2	No Model	S	318	V 8	83-89
4343923	CHRYSLER	5.9	No Model	W	360	V 8	83-88
4343923	CHRYSLER	5.9	No Model	Z	360	V 8	89-91
4343923	CHRYSLER	5.9	No Model	Z	360	V 8	89-91
4343964	CHRYSLER	5.9	MAGNUM	Z	360	V 8	92-97
4343964	CHRYSLER	5.9	No Model	Z	360	V 8	89-91

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
434513	NAVISTAR	3.2	No Model	1/2V8	196	L 4	80-83
434513	NAVISTAR	6.4	No Model		392	V 8	56-83
434513C	NAVISTAR	6.4	No Model		392	V 8	56-83
434513C1	NAVISTAR	3.2	No Model	1/2V8	196	L 4	80-83
434513C1	NAVISTAR	6.4	No Model		392	V 8	56-83
434514	NAVISTAR	3.2	No Model	1/2V8	196	L 4	80-83
434514	NAVISTAR	6.4	No Model		392	V 8	56-83
434514C	NAVISTAR	6.4	No Model		392	V 8	56-83
434514C1	NAVISTAR	3.2	No Model	1/2V8	196	L 4	80-83
434514C1	NAVISTAR	6.4	No Model		392	V 8	56-83
434514C2	NAVISTAR	6.4	No Model		392	V 8	56-83
434515	NAVISTAR	3.2	No Model	1/2V8	196	L 4	80-83
434515	NAVISTAR	6.4	No Model		392	V 8	56-83
434515C92	NAVISTAR	6.4	No Model		392	V 8	56-83
4347782	ALLIS CHALMERS	8.5	11000		516	L 6	
4347782	ALLIS CHALMERS	10.2	HD11		624	L 6	
4347782	BUDA	8.5	HD11		516	L 6	
4347782	BUDA	10.2	HD11		624	L 6	
4348398	ALLIS CHALMERS	5.6	HD6	HD	344	L 4	
4348398	BUDA	5.7	HD-6		344	L 4	
4348887	ALLIS CHALMERS	5.6	HD6	HD	344	L 4	
4349890	ALLIS CHALMERS	5.6	6000		344	L 4	
4349890	ALLIS CHALMERS	5.6	HD6	HD	344	L 4	
4349890	BUDA	5.7	HD-6		344	L 4	
4349897	ALLIS CHALMERS	5.6	HD6	HD	344	L 4	
4349897	BUDA	5.7	HD-6		344	L 4	
4358674	ALLIS CHALMERS	8.5	11000		516	L 6	
4358674	BUDA	8.5	HD11		516	L 6	
4359374	ALLIS CHALMERS	8.5	11000		516	L 6	
4359374	ALLIS CHALMERS	10.2	HD11		624	L 6	
4359374	BUDA	8.5	HD11		516	L 6	
4368419	ALLIS CHALMERS	13.8	16000T		844	L 6	
4368469	ALLIS CHALMERS	12.7	HD21		779	L 6	
4368469	ALLIS CHALMERS	13.8	16000T		844	L 6	
4368469	ALLIS CHALMERS	14.7	No Model		896	L 6	
4368469	ALLIS CHALMERS	15.9	No Model		971	L 6	
4368469	BUDA	12.7	HD21		779	L 6	
4368469	BUDA	13.9	HD21		884	L 6	
4368469	BUDA	14.6	HD21H		896	L 6	
4368469	BUDA	15.7	HD21H		971	L 6	
4371507	FIAT	2.0	No Model	32B	122	L 4	78-80
4371507	FIAT	2.0	No Model	32C	122	L 4	81-83
4371837	ALLIS CHALMERS	12.7	HD21		779	L 6	
4371837	ALLIS CHALMERS	13.8	16000T		844	L 6	
4371837	ALLIS CHALMERS	13.8	21000		844	L 6	
4371837	ALLIS CHALMERS	13.8	25000		844	L 6	
4371837	ALLIS CHALMERS	14.7	No Model		896	L 6	
4371837	ALLIS CHALMERS	15.9	No Model		971	L 6	
4371837	BUDA	12.7	HD21		779	L 6	
4371837	BUDA	13.9	HD21		884	L 6	
4371837	BUDA	14.6	HD21H		896	L 6	
4371837	BUDA	15.7	HD21H		971	L 6	
4372291	FIAT	1.8	SPIDER	32A	107	L 4	75-78
437328	GM	6.0	No Model	B	366	V 8	68-90
4378909	ALLIS CHALMERS	13.8	16000T		844	L 6	
4378909	ALLIS CHALMERS	13.8	21000		844	L 6	
4378909	ALLIS CHALMERS	13.8	25000		844	L 6	

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
4378909	ALLIS CHALMERS	34.4	2100		2100	L 6	
4380003	ALLIS CHALMERS	13.8	16000T		844	L 6	
4385712	ALLIS CHALMERS	13.8	16000T		844	L 6	
4386794	ALLIS CHALMERS	12.7	HD21		779	L 6	
4386794	ALLIS CHALMERS	13.8	16000T		844	L 6	
4386794	ALLIS CHALMERS	14.7	No Model		896	L 6	
4386794	ALLIS CHALMERS	15.9	No Model		971	L 6	
4386794	BUDA	12.7	HD21		779	L 6	
4386794	BUDA	13.9	HD21		884	L 6	
4386794	BUDA	14.6	HD21H		896	L 6	
4386794	BUDA	15.7	HD21H		971	L 6	
4386797	ALLIS CHALMERS	12.7	HD21		779	L 6	
4386797	ALLIS CHALMERS	13.8	16000T		844	L 6	
4386797	ALLIS CHALMERS	14.7	No Model		896	L 6	
4386797	ALLIS CHALMERS	15.9	No Model		971	L 6	
4386797	BUDA	12.7	HD21		779	L 6	
4386797	BUDA	13.9	HD21		884	L 6	
4386797	BUDA	14.6	HD21H		896	L 6	
4386797	BUDA	15.7	HD21H		971	L 6	
4387482	ALLIS CHALMERS	12.7	HD21		779	L 6	
4387482	ALLIS CHALMERS	13.8	16000T		844	L 6	
4387482	ALLIS CHALMERS	14.7	No Model		896	L 6	
4387482	ALLIS CHALMERS	15.9	No Model		971	L 6	
4387482	BUDA	12.7	HD21		779	L 6	
4387482	BUDA	13.9	HD21		884	L 6	
4387482	BUDA	14.6	HD21H		896	L 6	
4387482	BUDA	15.7	HD21H		971	L 6	
4389909	ALLIS CHALMERS	12.7	HD21		779	L 6	
4389909	ALLIS CHALMERS	13.8	16000T		844	L 6	
4389909	ALLIS CHALMERS	13.8	21000		844	L 6	
4389909	ALLIS CHALMERS	13.8	25000		844	L 6	
4389909	ALLIS CHALMERS	14.7	No Model		896	L 6	
4389909	ALLIS CHALMERS	15.9	No Model		971	L 6	
4389909	ALLIS CHALMERS	34.4	2100		2100	L 6	
4389909	BUDA	12.7	HD21		779	L 6	
4389909	BUDA	13.9	HD21		884	L 6	
4389909	BUDA	14.6	HD21H		896	L 6	
4389909	BUDA	15.7	HD21H		971	L 6	
4393570	ALLIS CHALMERS	13.8	21000		844	L 6	
4394445	ALLIS CHALMERS	12.0	6120T		731	L 6	
439513C1	NAVISTAR	3.2	No Model	1/2V8	196	L 4	80-83
439513C1	NAVISTAR	6.4	No Model		392	V 8	56-83
44030	TOYOTA	2.0	5R		122	L 4	
44063	TOYOTA	2.0	5R		122	L 4	
440689	CHRYSLER	5.3	No Model		326	V 8	55-57
440854	CHRYSLER	5.3	No Model		326	V 8	55-57
4425744	CHRYSLER	2.2	No Model	R	135	L 4	89-90
4430	FIAT	1.5	No Model	38A	91	L 4	79-80
443008	NAVISTAR	9.9	No Model		605	V 8	
443212	NAVISTAR	5.7	No Model		345	V 8	76-81
444663	NAVISTAR	3.2	No Model	1/2V8	196	L 4	80-83
444663	NAVISTAR	6.4	No Model		392	V 8	56-83
444663C1	NAVISTAR	6.4	No Model		392	V 8	56-83
4447A	CASE	6.6	LA		404	L 4	40-53
4448015	CHRYSLER	3.3	CONCORDE	T	201	V 6	93-97
4448015	CHRYSLER	3.3	No Model	J	201	V 6	94-98
4448015	CHRYSLER	3.3	No Model	U	201	V 6	94-97

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
4448015	CHRYSLER	3.3	TOWN & COUNTRY	R	201	V 6	90-02
4448015	CHRYSLER	3.8	No Model	L	231	V 6	91-00
4448016	CHRYSLER	3.8	No Model	L	231	V 6	91-00
4448302	CHRYSLER	5.2	No Model	P	318	V 8	83-91
4448302	CHRYSLER	5.2	No Model	R	318	V 8	83-87
4448302	CHRYSLER	5.2	No Model	S	318	V 8	83-89
4448302	CHRYSLER	5.9	No Model	W	360	V 8	83-88
4448308	CHRYSLER	5.2	No Model	S	318	V 8	83-89
4448308	CHRYSLER	5.9	MAGNUM	5	360	V 8	92-01
4448308	CHRYSLER	5.9	MAGNUM	Z	360	V 8	92-97
4448308	CHRYSLER	5.9	No Model	5	360	V 8	89-91
4448308	CHRYSLER	5.9	No Model	Z	360	V 8	89-91
44483084	CHRYSLER	5.9	MAGNUM	Z	360	V 8	92-97
44484450	CHRYSLER	2.2	No Model	A	135	L 4	91-93
4463490A	CHRYSLER	3.5	No Model	G	215	V 6	98-02
4463490A	CHRYSLER	3.5	No Model	K	215	V 6	02-04
4463490A	CHRYSLER	3.5	No Model	M	215	V 6	02-04
4463490A	CHRYSLER	3.5	No Model	V	215	V 6	02-04
446846	NAVISTAR	6.6	No Model	MV	404	V 8	80-86
446846	NAVISTAR	7.3	No Model	MV	446	V 8	74-82
446899	NAVISTAR	6.6	No Model	MV	404	V 8	80-86
446899	NAVISTAR	7.3	No Model	MV	446	V 8	74-82
446913	PACKARD	5.9	No Model		359	L 8	54
4469750	FIAT	1.1	No Model		66	L 4	80-87
448008	NAVISTAR	9.9	No Model		605	V 8	
448239C1	NAVISTAR	8.8	No Model		537	V 8	75-82
448239C1	NAVISTAR	9.0	No Model	G	549	V 8	60-78
4487242	CHRYSLER	5.0	No Model	A/J	304	V 8	70-79
4488895	CHRYSLER	5.9	No Model	A/J	360	V 8	70-79
4488895	CHRYSLER	5.9	No Model	Z	360	V 8	89-91
45 / 46	GM	6.6	FIREBIRD	S	400	V 8	67-79
4505172	ALLIS CHALMERS	3.8	D17	D	230	L 6	
4505172	ALLIS CHALMERS	4.3	D17	D	262	L 6	
4505574	ALLIS CHALMERS	3.8	G-230		230	L 6	
4506503	ALLIS CHALMERS	3.8	WD45	W	230	L 6	
450671	ALLIS CHALMERS	3.8	WD45	W	230	L 6	
4507716	ALLIS CHALMERS	3.8	D17	D	230	L 6	
4507716	ALLIS CHALMERS	4.3	D17	D	262	L 6	
4507716	ALLIS CHALMERS	4.3	D19		262	L 6	
4508570	ALLIS CHALMERS	4.3	D19	G	262	L 6	
4508914	ALLIS CHALMERS	3.8	WD45	W	230	L 6	
4512116	ALLIS CHALMERS	4.3	D19	G	262	L 6	
4512284	ALLIS CHALMERS	4.3	D17	D	262	L 6	
4512303	ALLIS CHALMERS	2.9	D15	D	175	L 4	
4512303	ALLIS CHALMERS	2.9	No Model		175	L 4	
4512446	ALLIS CHALMERS	2.5	No Model		153	L 4	
4512884	ALLIS CHALMERS	4.3	D17	D	262	L 6	
4514282	ALLIS CHALMERS	4.3	D17	D	262	L 6	
4514323	ALLIS CHALMERS	2.9	D15	D	175	L 4	
4514429	ALLIS CHALMERS	3.8	230	G	230	L 6	
4514790	ALLIS CHALMERS	4.3	D17	D	262	L 6	
4516659	ALLIS CHALMERS	2.9	No Model		175	L 4	
4516673	ALLIS CHALMERS	4.3	D17	D	262	L 6	
4516673	ALLIS CHALMERS	4.3	D19		262	L 6	
4516676	ALLIS CHALMERS	2.5	153	G	153	L 4	
4516678	ALLIS CHALMERS	2.5	153	G	153	L 4	
4516679	ALLIS CHALMERS	2.9	D15	D	175	L 4	

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
4516681	ALLIS CHALMERS	4.3	D17	D	262	L 6	
4516681	ALLIS CHALMERS	4.3	D19		262	L 6	
454434	GM	4.3	No Model	G	262	V 8	75-76
4556737	CHRYSLER	2.0	NEON	C	122	L 4	95-04
4556737-AC	CHRYSLER	2.0	NEON	C	122	L 4	95-04
4556737-EB	CHRYSLER	2.0	NEON	C	122	L 4	95-04
4556737-FB	CHRYSLER	2.0	NEON	C	122	L 4	95-04
4570A	CASE	4.3	D		260	L 4	
4570A	CASE	4.5	D		276	L 4	
458624	GM	5.7	No Model	4	350	V 8	78-79
458624	GM	5.7	No Model	L	350	V 8	77-82
458624	GM	5.7	No Model	L	350	V 8	83-86
458642	GM	5.4	No Model	L	327	V 8	68-69
458642	GM	5.7	No Model	4	350	V 8	78-79
458642	GM	5.7	No Model	L	350	V 8	77-82
458642	GM	5.7	No Model	L	350	V 8	83-86
458642	GM	5.7	No Model	M	350	V 8	79-88
458642	GM	5.7	No Model	P	350	V 8	80-83
458642	GM	5.7	No Model	V	350	V 8	74-76
458642	GM	5.7	No Model	Y	350	V 8	68-75
458678	GM	1.4	CHEVETTE	I	85	L 4	76-77
458678	GM	1.6	CHEVETTE	E	98	L 4	76-77
4588	PEUGEOT	1.9	No Model		116	L 4	88-91
46	GM	4.9	No Model	T	301	V 8	77-81
46	GM	4.9	No Model	W	301	V 8	79-81
46	GM	4.9	No Model	Y	301	V 8	77-79
46	GM	6.6	No Model	Z	400	V 8	77-79
460	NISSAN	1.2	No Model	A12	72	L 4	72
460	NISSAN	1.2	No Model	A12	72	L 4	73
460703	GM	5.7	No Model	4	350	V 8	78-79
460703	GM	5.7	No Model	L	350	V 8	77-82
460703	GM	5.7	No Model	L	350	V 8	83-86
461347	GM	3.3	No Model	M	200	V 6	78-79
461347	GM	3.8	No Model	9	229	V 6	83-84
461347	GM	3.8	No Model	K	229	V 6	80-82
46202	WAUKESHA	47.4	LRD		2894	L 6	
4621510	CHRYSLER	3.3	CONCORDE	T	201	V 6	93-97
4621510	CHRYSLER	3.3	No Model	J	201	V 6	94-98
4621510	CHRYSLER	3.3	No Model	U	201	V 6	94-97
4621510	CHRYSLER	3.3	TOWN & COUNTRY	R	201	V 6	90-02
4621510	CHRYSLER	3.8	No Model	L	231	V 6	91-00
4622424	GM	5.0	No Model	G	305	V 8	76-79
462424	GM	5.0	No Model	G	305	V 8	76-79
462424	GM	5.0	No Model	G	305	V 8	80-81
462424	GM	5.0	No Model	H	305	V 8	78-88
462424	GM	5.0	No Model	Q	305	V 8	76
462424	GM	5.0	No Model	U	305	V 8	77-79
462614	GM	5.0	No Model	G	305	V 8	76-79
462614	GM	5.0	No Model	H	305	V 8	78-88
462624	GM	5.7	No Model	4	350	V 8	78-79
462624	GM	5.7	No Model	6	350	V 8	80-88
462624	GM	5.7	No Model	L	350	V 8	77-82
462624	GM	5.7	No Model	L	350	V 8	83-86
462624	GM	5.7	No Model	M	350	V 8	79-88
462624	GM	5.7	No Model	P	350	V 8	80-83
462624	GM	6.6	No Model	L	400	V 8	70-78
462624	GM	6.6	No Model	M	400	V 8	75-76

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
462624	GM	6.6	No Model	R	400	V 8	77-80
4647836	IVECO	9.8	8205		599	L 6	
4647836	IVECO	10.3	8205	1	629	6	
4653285	OLIVER	3.4	1365		210	L 4	
465440	VOLVO	5.5	TD60B	TD-B	334	L 6	83-86
465728	VOLVO	5.5	TD60B	TD-B	334	L 6	83-86
4659374	ALLIS CHALMERS	8.5	11000		516	L 6	
4659874	ALLIS CHALMERS	8.5	11000		516	L 6	
4659875	ALLIS CHALMERS	10.2	HD11		624	L 6	
46633490A	CHRYSLER	3.5	No Model	F	215	V 6	93-97
4663490	CHRYSLER	3.5	No Model	F	215	V 6	93-97
4663490A	CHRYSLER	3.5	No Model	F	215	V 6	93-97
4663490A	CHRYSLER	3.5	No Model	G	215	V 6	98-02
4663490A	CHRYSLER	3.5	No Model	K	215	V 6	02-04
4663490A	CHRYSLER	3.5	No Model	M	215	V 6	02-04
4663490A	CHRYSLER	3.5	No Model	V	215	V 6	02-04
4663697	CHRYSLER	2.7	CONCORDE	R	167	V 6	98-04
4663797	CHRYSLER	2.7	CONCORDE	R	167	V 6	98-04
4663894	CHRYSLER	3.5	No Model	G	215	V 6	98-02
466395	GM	1.4	CHEVETTE	I	85	L 4	76-77
466395	GM	1.6	CHEVETTE	O	98	L 4	79-80
466395	GM	1.6	CHEVETTE	9	98	L 4	80-82
466395	GM	1.6	CHEVETTE	C	98	L 4	82-87
466395	GM	1.6	CHEVETTE	E	98	L 4	76-77
466395	GM	1.6	CHEVETTE	E	98	L 4	78-79
4663979	CHRYSLER	2.7	CONCORDE	R	167	V 6	98-04
4667086	CHRYSLER	2.0	AVENGER	Y	122	L 4	95-04
4667086	CHRYSLER	2.4	CARAVAN	B	146	L 4	96-04
4667086	CHRYSLER	2.4	CIRRUS	S	148	L 4	96-03
4667086	CHRYSLER	2.4	CIRRUS	X	148	L 4	95-05
4667867	CHRYSLER	2.0	AVENGER	Y	122	L 4	95-04
4667867	MINISUBISHI	2.0	ECLIPSE	Y	122	L 4	95-99
4667867J3F	CHRYSLER	2.0	AVENGER	Y	122	L 4	95-04
4667867JF	CHRYSLER	2.0	AVENGER	Y	122	L 4	95-04
4672	GM	5.0	No Model	307	307	V 8	68-73
4672	GM	5.4	No Model	L	327	V 8	68-69
468	GM	2.3	ACHIEVA	3	138	L 4	92-95
4680406	CHRYSLER	5.7	No Model		350	V 8	68-71
46812	IVECO	3.9	8040		238	L 4	85-94
46812	IVECO	3.9	8040.05		238	L 4	
46812	IVECO	3.9	8045(2)		238	L 4	
4681246	FIAT	5.8	8060		355	L 6	88-90
4681246	IVECO	5.9	8060		358	L 6	
4681253	FIAT	5.8	8060		355	L 6	88-90
4681253	IVECO	5.9	8060		358	L 6	
4681953	FIAT	5.8	8060		355	L 6	88-90
4682986	ALLIS CHALMERS	2.3	D15		143	L 3	82-85
4682986	WHITE	2.3	2-50		143	L 3	
468642	GM	5.7	No Model	L	350	V 8	76
468642	GM	5.7	No Model	V	350	V 8	74-76
468642	GM	5.7	No Model	Y	350	V 8	68-75
468642	GM	6.6	No Model	L	400	V 8	70-78
468642	GM	6.6	No Model	M	400	V 8	75-76
4694183	CHRYSLER	3.3	CARAVAN	G	201	V 6	98-01
4694183	CHRYSLER	3.3	TOWN & COUNTRY	R	201	V 6	90-02
4694183	CHRYSLER	3.8	No Model	L	231	V 6	91-00
47	GM	6.4	No Model	389	389	V 8	59-66

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
47	NISSAN	2.8	280ZX	L28E	168	L 6	75-80
4-7	TOYOTA	2.0	CAMRY	2SELC	122	L 4	83-86
4705976	FIAT	0.0	8360		0	L 6	
4705976	FIAT	8.1	8365		494	L 6	
4705976	IVECO	8.1	8365		494	L 6	
471	FORD	4.4	No Model		272	V 8	56-66
471	FORD	4.8	No Model		292	V 8	55-66
47102B	WAUKESHA	47.4	LRD		2894	L 6	
47103373	PORSCHE	2.0	924	M3	121	L 4	80-82
47103373	PORSCHE	2.0	924	VC	121	L 4	80-82
47103373	PORSCHE	2.0	924	XE	121	L 4	77-79
47103373	PORSCHE	2.0	924	XF	121	L 4	77
47103373	PORSCHE	2.0	924	XG	121	L 4	76-79
47103373	PORSCHE	2.0	924	XH	121	L 4	76-77
471513	GM	4.4	No Model	J	267	V 8	79-82
471595	GM	3.3	No Model	M	200	V 6	78-79
471595	GM	3.8	No Model	9	229	V 6	83-84
471595	GM	3.8	No Model	K	229	V 6	80-82
471595	GM	3.8	No Model	L	230	L 6	63-70
473328	GM	6.0	No Model	B	366	V 8	68-90
473328	GM	6.0	No Model	P	366	V 8	89-90
473328	GM	7.0	No Model	L	427	V 8	66-90
4-737	CASE	5.5	336	BDT	336	L 4	
4-737	CASE	5.5	336	D	336	L 4	
475-1433	FORD	6.6	No Model	HD	401	V 8	58-76
475-1433	FORD	7.8	No Model	GAS	477	V 8	78-81
475-1433	FORD	8.8	No Model		534	V 8	58-81
476053	CHRYSLER	2.8	No Model	W	173	V 6	84-87
476503	CHRYSLER	2.8	No Model	W	173	V 6	84-87
476503	GM	2.8	No Model	1	173	V 6	82-85
476503	GM	2.8	No Model	7	173	V 6	79-80
476503	GM	2.8	No Model	B	173	V 6	82-85
476503	GM	2.8	No Model	X	173	V 6	80-86
476503	GM	2.8	No Model	Z	173	V 6	82-84
477513	GM	4.4	No Model	J	267	V 8	79-82
4781	GM	3.8	No Model	K	231	V 6	95-04
4781	GM	3.8	No Model	L	231	V 6	95-01
4782860	FIAT	3.7	8045		224	L 4	
4782860	IVECO	3.7	8045		224	L 4	
481196	GM	6.6	FIREBIRD	S	400	V 8	67-79
481196	GM	6.6	No Model	Z	400	V 8	77-79
481199	GM	6.6	FIREBIRD	S	400	V 8	67-79
481199	GM	6.6	No Model	Z	400	V 8	77-79
4819G	NISSAN	3.0	H30		181	L 6	
483066C	NAVISTAR	5.0	304A		304	V 8	58-80
4839614	ALLIS CHALMERS	5.6	6000		344	L 4	
4839614	ALLIS CHALMERS	5.6	HD6	HD	344	L 4	
48410C1	NAVISTAR	6.4	No Model		392	V 8	56-83
486072	GM	6.6	FIREBIRD	S	400	V 8	67-79
486073	GM	6.6	FIREBIRD	S	400	V 8	67-79
4861953	FIAT	5.5	8065.24		336	L 6	
4861953	FIAT	6.0	8065	D	366	L 6	
4861953	IVECO	5.5	8065.04		336	L 6	
4861953	IVECO	5.5	8065.24		336	L 6	
488543	GM	6.6	FIREBIRD	S	400	V 8	67-79
488543	GM	6.6	No Model	P	400	V 8	72-75
488543	GM	6.6	No Model	R	400	V 8	74-75

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
488543	GM	6.6	No Model	Z	400	V 8	77-79
488544	GM	6.6	FIREBIRD	S	400	V 8	67-79
488544	GM	6.6	No Model	P	400	V 8	72-75
488544	GM	6.6	No Model	R	400	V 8	74-75
488544	GM	6.6	No Model	Z	400	V 8	77-79
488545	GM	5.7	No Model	K	350	V 8	70-75
489035C3	NAVISTAR	9.0	No Model	D	551	V 8	78-85
489035C-3	NAVISTAR	9.0	No Model	D	551	V 8	78-85
489095	NAVISTAR	9.0	No Model	D	551	V 8	78-85
489095C3	NAVISTAR	9.0	No Model	D	551	V 8	78-85
489095C-3	NAVISTAR	9.0	No Model	D	551	V 8	78-85
491347	GM	6.6	FIREBIRD	S	400	V 8	67-79
491347	GM	6.6	No Model	Z	400	V 8	77-79
492466	GM	6.6	FIREBIRD	S	400	V 8	67-79
492466	GM	6.6	No Model	P	400	V 8	72-75
492466	GM	6.6	No Model	R	400	V 8	74-75
492466	GM	6.6	No Model	S	400	V 8	75-75
492466	GM	6.6	No Model	T	400	V 8	72-77
492466	GM	6.6	No Model	Z	400	V 8	77-79
494344	GM	6.6	FIREBIRD	S	400	V 8	67-79
494344	GM	6.6	No Model	P	400	V 8	72-75
494344	GM	6.6	No Model	R	400	V 8	74-75
494344	GM	6.6	No Model	Z	400	V 8	77-79
494348	GM	6.6	FIREBIRD	S	400	V 8	67-79
494348	GM	6.6	No Model	P	400	V 8	72-75
494348	GM	6.6	No Model	R	400	V 8	74-75
494348	GM	6.6	No Model	Z	400	V 8	77-79
495354	GM	6.6	No Model	K	403	V 8	77-77
4984971	GM	2.5	No Model	1	151	L 4	77-79
498597	CHRYSLER	2.5	No Model	B	151	L 4	81-83
498597	GM	2.5	No Model	1	151	L 4	77-79
498597	GM	2.5	No Model	V	151	L 4	78-80
4985973	GM	2.5	No Model	1	151	L 4	77-79
498886	GM	2.5	No Model	1	151	L 4	77-79
4A	GM	1.6	AVEO	6	98	L 4	04-05
4A	TOYOTA	1.6	COROLLA	4A-C	97	L 4	83-87
4B1599	CATERPILLAR	0.0	312		0	L 4	
4B203	CATERPILLAR	8.6	D318		525	L 6	
4B203	CATERPILLAR	8.6	D318(2)		525	L 6	
4B240	CATERPILLAR	8.6	D318		525	L 6	
4B240	CATERPILLAR	8.6	D318(2)		525	L 6	
4B241	CATERPILLAR	8.6	D318		525	L 6	
4B241	CATERPILLAR	8.6	D318(2)		525	L 6	
4B2415	CATERPILLAR	8.6	D318(2)		525	L 6	
4B2416	CATERPILLAR	8.6	D318(2)		525	L 6	
4B3073	CATERPILLAR	4.1	D311H		252	L 4	
4BD1	ISUZU	3.9	4BD1		235	L 4	85-90
4BD1	ISUZU	3.9	4BD1T		235	L 4	86-91
4BD1	ISUZU	3.9	No Model	4BD1	235	L 4	85-90
4BD1	ISUZU	3.9	No Model	4BD1T	235	L 4	86-91
4C	GM	6.6	FIREBIRD	S	400	V 8	67-79
4C	GM	6.6	No Model	P	400	V 8	72-75
4C	GM	6.6	No Model	R	400	V 8	74-75
4C	GM	6.6	No Model	S	400	V 8	75-75
4C	GM	6.6	No Model	T	400	V 8	72-77
4C	GM	6.6	No Model	Z	400	V 8	77-79
4C	GM	7.5	No Model	P	455	V 8	70-76

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
4C	GM	7.5	No Model	W	455	V 8	71-76
4C	GM	7.5	No Model	X & Y	455	V 8	71-76
4F5508	CATERPILLAR	5.1	955		312	L 4	
4F5508	CATERPILLAR	5.1	955		312	L 4	
4G52	CHRYSLER	2.0	COLT	MMC	122	L 4	75-88
4G52	MITSUBISHI	2.0	No Model		122	L 4	74-82
4G63	CHRYSLER	2.0	COLT	R	122	L 4	90-94
4G63	CHRYSLER	2.0	LASER	E	122	L 4	93-94
4G63	CHRYSLER	2.0	TALON	F	122	L 4	93-98
4G63	CHRYSLER	2.0	TALON	U	122	L 4	90-92
4G63	MITSUBISHI	2.0	ECLIPSE	E	122	L 4	93-94
4G63	MITSUBISHI	2.0	ECLIPSE	F	122	L 4	95-99
4G63	MITSUBISHI	2.0	ECLIPSE	R	122	L 4	90-92
4G63	MITSUBISHI	2.0	No Model	U	122	L 4	90-92
4H7104	CATERPILLAR	13.6	7700		831	L 4	
4H7104	CATERPILLAR	13.6	D339	1	831	L 4	
4H7104	CATERPILLAR	13.6	D339	2	831	L 4	
4H7104	CATERPILLAR	13.6	D339	3	831	L 4	
4H7104	CATERPILLAR	13.6	D339	4	831	L 4	
4H7104	CATERPILLAR	13.6	D339	5	831	L 4	
4H7104	CATERPILLAR	13.6	D7	1	831	L 4	
4H7104	CATERPILLAR	13.6	D7	2	831	L 4	
4H7258	CATERPILLAR	20.4	13000		1246	L 6	
4H7258	CATERPILLAR	20.4	D342	3	1246	L 6	
4H7258	CATERPILLAR	20.4	D8	1	1246	L 6	
4H7258	CATERPILLAR	20.4	D8	2	1246	L 6	
4H7258	CATERPILLAR	20.4	D8	4	1246	L 6	
4H9950	CATERPILLAR	24.1	353	C/B	1473	L 6	
4H9950	CATERPILLAR	24.1	D9		1473	L 6	
4JC	CHRYSLER	2.6	CONQUEST	H	156	L 4	84-88
4JC	CHRYSLER	2.6	CONQUEST	H	156	L 4	84-88
4JC	CHRYSLER	2.6	No Model	D	156	L 4	78-80
4JC	CHRYSLER	2.6	No Model	D	156	L 4	79-82
4JC	CHRYSLER	2.6	No Model	G	156	L 4	83-86
4JC	CHRYSLER	2.6	RAM-50	7	156	L 4	81-85
4JC	CHRYSLER	2.6	RAM-50	E	156	L 4	85-89
4JC	MITSUBISHI	2.6	MONTERO	E	156	L 4	83-85
4JC	MITSUBISHI	2.6	MONTERO	E	156	L 4	86-90
4JC	MITSUBISHI	2.6	No Model	7	156	L 4	83-89
4JC	MITSUBISHI	2.6	No Model	N	156	L 4	83-85
4JC	MITSUBISHI	2.6	No Model	N	156	L 4	86-89
4JC	MITSUBISHI	2.6	STARION	H	156	L 4	84-85
4JC	MITSUBISHI	2.6	STARION	H	156	L 4	86-87
4JC	MITSUBISHI	2.6	STARION	H	156	L 4	86-87
4L2536	CATERPILLAR	20.4	13000		1246	L 6	
4L2536	CATERPILLAR	20.4	G342		1246	L 6	
4L2536	CATERPILLAR	20.4	G342	1	1246	L 6	
4L3800	CATERPILLAR	32.2	379		1964	V 8	
4L3800	CATERPILLAR	32.2	D379		1964	V 8	
4L3800	CATERPILLAR	48.3	398		2946	V 12	
4L3800	CATERPILLAR	48.8	D398		2976	V 12	
4L3800	CATERPILLAR	64.4	D399		3928	V 16	
4L5697	CATERPILLAR	4.1	D2		252	L 4	
4L5697	CATERPILLAR	4.1	D311H		252	L 4	
4L5697	CATERPILLAR	4.1	D320		252	L 4	
4L5697	CATERPILLAR	4.1	D320A		252	L 4	
4L7718	CATERPILLAR	4.1	D2		252	L 4	

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
4L7718	CATERPILLAR	4.1	D311H		252	L 4	
4L7718	CATERPILLAR	4.1	D320		252	L 4	
4L7718	CATERPILLAR	4.1	D320A		252	L 4	
4M395	CATERPILLAR	12.2	D326		744	L 6	
4M395	CATERPILLAR	12.2	D337		744	L 6	
4M4321	CATERPILLAR	24.1	353		1473	L 6	
4M4321	CATERPILLAR	24.1	353	C/B	1473	L 6	
4M4321	CATERPILLAR	24.1	D9		1473	L 6	
4M6822	CATERPILLAR	10.5	1673C	CB	638	L 6	
4MA	MERCURISER	3.7	MIE 470	MIE	224	L 4	
4N0351	CATERPILLAR	18.0	3408		1099	V 8	
4N0351	CATERPILLAR	18.0	D8L		1099	V 8	
4N1043	CATERPILLAR	14.6	3406		893	L 6	
4N1043	CATERPILLAR	14.6	3406	B	893	L 6	
4N1043	CATERPILLAR	14.6	3406	SP	893	L 6	
4N1639	CATERPILLAR	27.0	3412		1649	V 12	
4N267	CATERPILLAR	14.6	3406		893	L 6	
4N267	CATERPILLAR	14.6	3406	B	893	L 6	
4N267	CATERPILLAR	14.6	3406	SP	893	L 6	
4N351	CATERPILLAR	18.0	3408		1099	V 8	
4N351	CATERPILLAR	18.0	D8L		1099	V 8	
4N395	CATERPILLAR	12.2	D326		744	L 6	
4N395	CATERPILLAR	12.2	D337		744	L 6	
4N7258	CATERPILLAR	20.4	13000		1246	L 6	
4N7258	CATERPILLAR	20.4	D342	3	1246	L 6	
4N7258	CATERPILLAR	20.4	D8	1	1246	L 6	
4N7258	CATERPILLAR	20.4	D8	2	1246	L 6	
4N7258	CATERPILLAR	20.4	D8	4	1246	L 6	
4N7444	CATERPILLAR	7.0	3304	CB	425	L 4	
4P1599	CATERPILLAR	14.6	3406	E	893	L 6	93-05
4P7267	CATERPILLAR	10.3	3176		629	L 6	89-96
4P8510	CATERPILLAR	12.0	C12		730	L 6	96-03
4S476	CATERPILLAR	20.4	G342		1246	L 6	
4S5279	CATERPILLAR	10.5	1673C	CB	638	L 6	
4S5279	CATERPILLAR	10.5	1674	1	638	L 6	
4S5279	CATERPILLAR	10.5	1674	2	638	L 6	
4S5279	CATERPILLAR	10.5	1674	3	638	L 6	
4S5279	CATERPILLAR	10.5	334		638	L 6	
4S5279	CATERPILLAR	10.5	D334	1	638	L 6	
4S5279	CATERPILLAR	10.5	D334	2	638	L 6	
4S5279	CATERPILLAR	10.5	D334	3	638	L 6	
4S7476	CATERPILLAR	20.4	13000		1246	L 6	
4S7476	CATERPILLAR	20.4	G342		1246	L 6	
4S7476	CATERPILLAR	20.4	G342	1	1246	L 6	
4T95	JOHN DEERE	0.0	190		0	L 4	
4W5170	CATERPILLAR	14.6	3406		893	L 6	
4W5170	CATERPILLAR	14.6	3406	B	893	L 6	
4W5170	CATERPILLAR	14.6	3406	SP	893	L 6	
4W5197	CATERPILLAR	14.6	3406		893	L 6	
4W5197	CATERPILLAR	14.6	3406	B	893	L 6	
4W5197	CATERPILLAR	14.6	3406	SP	893	L 6	
4W6056	CATERPILLAR	10.5	3306	DI	638	L 6	
4W6056	CATERPILLAR	10.5	3306	SP	638	L 6	
4W6504	CATERPILLAR	7.0	3304	DI	425	L 4	
4W7406	CATERPILLAR	10.5	3306	SP	638	L 6	
4X	GM	6.6	FIREBIRD	S	400	V 8	67-79
4X	GM	6.6	No Model	P	400	V 8	72-75

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
4X	GM	6.6	No Model	R	400	V 8	74-75
4X	GM	6.6	No Model	S	400	V 8	75-75
4X	GM	6.6	No Model	T	400	V 8	72-77
4X	GM	6.6	No Model	Z	400	V 8	77-79
4X	GM	7.5	No Model	P	455	V 8	70-76
4X	GM	7.5	No Model	W	455	V 8	71-76
4X	GM	7.5	No Model	X & Y	455	V 8	71-76
4XC1	GM	1.5	SPECTRUM	7	92	L 4	87-89
4XC1	GM	1.5	SPECTRUM	9	90	L 4	86-88
4XC1	GM	1.5	SPECTRUM	K	92	L 4	85-87
4XCI	ISUZU	1.5	I-MARK	K	90	L 4	85-88
4XCI	ISUZU	1.5	No Model	7	90	L 4	85-89
4Y	TOYOTA	2.2	VAN	4Y-EC	137	L 4	84-89
4ZC1	ISUZU	2.0	No Model	F	121	L 4	85-89
4ZC1-S	ISUZU	2.0	No Model	F	121	L 4	85-89
4ZD1	ISUZU	2.3	AMIGO	L	137	L 4	86-95
4ZD1	ISUZU	2.3	No Model	L	137	L 4	85-87
4ZD1/C1	ISUZU	2.3	AMIGO	L	137	L 4	86-95
4ZD1/C1	ISUZU	2.3	No Model	L	137	L 4	85-87
4ZE1	ISUZU	2.6	AMIGO	E	156	L 4	88-98
4ZE1-C1	ISUZU	2.6	AMIGO	E	156	L 4	88-98
5	CHRYSLER	3.0	No Model	3	181	V 6	87-95
5	CHRYSLER	3.0	No Model	3	181	V 6	96-99
5	CHRYSLER	3.0	No Model	S	181	V 6	90-92
5	CHRYSLER	3.0	No Model	V	181	V 6	92
5	MITSUBISHI	3.0	DIMANTE	H	181	V 6	93-96
5	MITSUBISHI	3.0	GALANT	S	181	V 6	88-92
5	MITSUBISHI	3.0	GALANT	S	181	V 6	88-92
5	MITSUBISHI	3.0	No Model	3	181	V 6	87-91
50	GM	6.6	FIREBIRD	S	400	V 8	67-79
50	GM	6.6	No Model	P	400	V 8	72-75
50	GM	6.6	No Model	R	400	V 8	74-75
50	GM	6.6	No Model	S	400	V 8	75-75
50	GM	6.6	No Model	T	400	V 8	72-77
50	GM	6.6	No Model	Z	400	V 8	77-79
500762	GM	6.6	FIREBIRD	S	400	V 8	67-79
500762	GM	6.6	No Model	T	400	V 8	72-77
500762	GM	6.6	No Model	Z	400	V 8	77-79
5054D	NAVISTAR	7.5	TD-14		461	L 4	
5-082-1	ISUZU	3.9	4BD1		235	L 4	85-90
5-082-1	ISUZU	3.9	4BD1T		235	L 4	86-91
5-082-1	ISUZU	3.9	No Model	4BD1	235	L 4	85-90
5-082-1	ISUZU	3.9	No Model	4BD1T	235	L 4	86-91
5102769	DDC	3.5	3-71		213	L 3	
5102769	DDC	3.5	3-71 CROSS-HEAD		213	L 3	
5102769	DDC	3.5	3-71E		213	L 3	
5102769	DDC	3.5	3-71M		213	L 3	
5102769	DDC	3.5	3-71N		213	L 3	
5102769	DDC	3.5	3-71T		213	L 3	
5102769	DDC	7.0	6-71		426	L 6	
5102769	DDC	7.0	6-71 CROSS-HEAD		426	L 6	
5102769	DDC	7.0	6-71E		426	L 6	
5102769	DDC	7.0	6-71M		426	L 6	
5102769	DDC	7.0	6-71N		426	L 6	
5102769	DDC	7.0	6-71T		426	L 6	
5102769	DDC	7.0	6V-71		426	V 6	
5102769	DDC	7.0	6V-71 CROSSHEAD		426	V 6	

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
5102769	DDC	7.0	6V-71T		426	V 6	
5102769	DDC	7.0	6V-71T CROSSHD		426	V 6	
5102770	DDC	7.0	6-71		426	L 6	
5102770	DDC	7.0	6-71 CROSS-HEAD		426	L 6	
5102770	DDC	7.0	6-71E		426	L 6	
5102770	DDC	7.0	6-71M		426	L 6	
5102770	DDC	7.0	6-71N		426	L 6	
5102770	DDC	7.0	6-71T		426	L 6	
5102770	DDC	14.0	12V-71		852	V 12	
5102771	DDC	4.7	4-71 4VALVE		284	L 4	
5102771	DDC	4.7	4-71 CROSS-HEAD		284	L 4	
5102771	DDC	4.7	4-71E		284	L 4	
5102771	DDC	4.7	4-71M		284	L 4	
5102771	DDC	4.7	4-71N		284	L 4	
5102771	DDC	4.7	4-71T		284	L 4	
5102771	DDC	18.6	16V-71		1136	V 16	
5102772	DDC	7.0	6-71		426	L 6	
5102772	DDC	7.0	6-71 CROSS-HEAD		426	L 6	
5102772	DDC	7.0	6-71E		426	L 6	
5102772	DDC	7.0	6-71M		426	L 6	
5102772	DDC	7.0	6-71N		426	L 6	
5102772	DDC	7.0	6-71T		426	L 6	
5102772	DDC	14.0	12V-71		852	V 12	
5-107-0	ISUZU	3.9	4BD1		235	L 4	85-90
5-107-0	ISUZU	3.9	4BD1T		235	L 4	86-91
5-107-0	ISUZU	3.9	No Model	4BD1	235	L 4	85-90
5-107-0	ISUZU	3.9	No Model	4BD1T	235	L 4	86-91
5109548	DDC	7.0	6-71 2V		426	L 6	
5109548	DDC	14.0	12V-71		852	V 12	
510E	FORD	5.4	No Model	D	330	L 6	58-69
5113528	DDC	10.8	No Model		660	L 6	
5113624	DDC	7.0	6-71 2V		426	L 6	
5113624	DDC	7.0	6V-71 2 VALVE		426	V 6	
5113625	DDC	3.5	3-71 2V		213	L 3	
5-115-0	ISUZU	2.0	C201	D	122	L 4	
5-115-0	ISUZU	2.0	C201	D	122	L 4	
5117106	DDC	7.0	6-71		426	L 6	
5117106	DDC	7.0	6-71 CROSS-HEAD		426	L 6	
5117106	DDC	7.0	6-71E		426	L 6	
5117106	DDC	7.0	6-71M		426	L 6	
5117106	DDC	7.0	6-71N		426	L 6	
5117106	DDC	7.0	6-71T		426	L 6	
5117106	DDC	7.0	6V-71		426	V 6	
5117106	DDC	7.0	6V-71 CROSSHEAD		426	V 6	
5117106	DDC	7.0	6V-71T		426	V 6	
5117106	DDC	7.0	6V-71T CROSSHD		426	V 6	
5117107	DDC	3.5	3-71		213	L 3	
5117107	DDC	3.5	3-71 CROSS-HEAD		213	L 3	
5117107	DDC	3.5	3-71E		213	L 3	
5117107	DDC	3.5	3-71M		213	L 3	
5117107	DDC	3.5	3-71N		213	L 3	
5117107	DDC	3.5	3-71T		213	L 3	
5117107	DDC	7.0	6V-71 CROSSHEAD		426	V 6	
5117107	DDC	7.0	6V-71T		426	V 6	
5117107	DDC	7.0	6V-71T CROSSHD		426	V 6	
5117433	DDC	4.7	4-71 4VALVE		284	L 4	
5117433	DDC	4.7	4-71 CROSS-HEAD		284	L 4	

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
5117433	DDC	4.7	4-71E		284	L 4	
5117433	DDC	4.7	4-71M		284	L 4	
5117433	DDC	4.7	4-71N		284	L 4	
5117433	DDC	4.7	4-71T		284	L 4	
5117433	DDC	9.3	8V-71		568	V 8	
5117433	DDC	9.3	8V-71 (2)		568	V 8	
5117433	DDC	9.3	8V-71 CROSSHEAD		568	V 8	
5117433	DDC	9.3	8V-71 TURBO		568	V 8	
5117433	DDC	9.3	8V-71T CROSSHD		568	V 8	
5117435	DDC	7.0	6-71		426	L 6	
5117435	DDC	7.0	6-71 CROSS-HEAD		426	L 6	
5117435	DDC	7.0	6-71E		426	L 6	
5117435	DDC	7.0	6-71M		426	L 6	
5117435	DDC	7.0	6-71N		426	L 6	
5117435	DDC	7.0	6-71T		426	L 6	
5117435	DDC	14.0	12V-71		852	V 12	
5117437	DDC	3.5	3-71		213	L 3	
5117437	DDC	3.5	3-71 CROSS-HEAD		213	L 3	
5117437	DDC	3.5	3-71E		213	L 3	
5117437	DDC	3.5	3-71M		213	L 3	
5117437	DDC	3.5	3-71N		213	L 3	
5117437	DDC	3.5	3-71T		213	L 3	
5117438	DDC	4.7	4-71 2VALVE		284	L 4	
5117439	DDC	4.7	4-71 4VALVE		284	L 4	
5117439	DDC	4.7	4-71 CROSS-HEAD		284	L 4	
5117439	DDC	4.7	4-71E		284	L 4	
5117439	DDC	4.7	4-71M		284	L 4	
5117439	DDC	4.7	4-71N		284	L 4	
5117439	DDC	4.7	4-71T		284	L 4	
5117441	DDC	7.0	6-71		426	L 6	
5117441	DDC	7.0	6-71 CROSS-HEAD		426	L 6	
5117441	DDC	7.0	6-71E		426	L 6	
5117441	DDC	7.0	6-71M		426	L 6	
5117441	DDC	7.0	6-71N		426	L 6	
5117441	DDC	7.0	6-71T		426	L 6	
5117476	DDC	4.7	4-71 2VALVE		284	L 4	
5121102	DDC	0.9	53		53	L 3	
5121102	DDC	1.7	2-53 2V		106	L 2	
5121102	DDC	2.3	2-71 2V		142	L 2	
5121104	DDC	0.9	53		53	L 3	
5121104	DDC	3.5	4-53		212	L 4	
5121525 4/V	DDC	10.8	No Model		660	L 6	
513305	GM	6.1	No Model		371	V 8	57-60
513350	GM	6.1	No Model		371	V 8	57-60
513395	GM	6.4	No Model	389	389	V 8	59-66
5134294	DDC	0.9	53		53	L 3	
5134294	DDC	3.5	4-53		212	L 4	
5134294	DDC	7.0	8V-53		424	V 8	
5134953	DDC	2.6	3-53		159	L 3	
5134953B	DDC	0.9	53		53	L 3	
5134953B	DDC	2.6	3-53		159	L 3	
5134963	DDC	2.6	3-53		159	L 3	
5135029	DDC	0.9	53		53	L 3	
5135029	DDC	2.6	3-53		159	L 3	
5135029	DDC	5.2	6V-53		318	V 6	
5135029B	DDC	2.6	3-53		159	L 3	
5135507	DDC	10.8	No Model		660	L 6	

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
5136518	4/V DDC	10.8	No Model		660	L 6	
5140089	DDC	2.3	2-71		142	L 2	
5144161	DDC	7.0	6-71		426	L 6	
5144161	DDC	7.0	6-71 CROSS-HEAD		426	L 6	
5144161	DDC	7.0	6-71E		426	L 6	
5144161	DDC	7.0	6-71M		426	L 6	
5144161	DDC	7.0	6-71N		426	L 6	
5144161	DDC	7.0	6-71T		426	L 6	
5144181	DDC	7.0	6-71		426	L 6	
5147490	DDC	7.0	6-71		426	L 6	
5147490	DDC	7.0	6-71 CROSS-HEAD		426	L 6	
5147490	DDC	7.0	6-71E		426	L 6	
5147490	DDC	7.0	6-71M		426	L 6	
5147490	DDC	7.0	6-71N		426	L 6	
5147490	DDC	7.0	6-71T		426	L 6	
5147490	DDC	14.0	12V-71		852	V 12	
5148542	DDC	12.1	8V-92		736	V 8	
5148543	DDC	9.1	6V-92		552	V 6	
5149425	DDC	2.6	3-53		159	L 3	
5149425	DDC	5.2	6V-53		318	V 6	
5149426	DDC	0.9	53		53	L 3	
5149426	DDC	3.5	4-53		212	L 4	
5149543	DDC	9.1	6V-92		552	V 6	
5149877	DDC	9.1	6V-92		552	V 6	
5149877	DDC	18.1	12V-92		1104	V 12	
5149878	DDC	12.1	8V-92		736	V 8	
5149878	DDC	24.1	16V-92		1472	V 16	
5151475	DDC	3.5	3-71		213	L 3	
5151475	DDC	3.5	3-71 CROSS-HEAD		213	L 3	
5151475	DDC	3.5	3-71E		213	L 3	
5151475	DDC	3.5	3-71M		213	L 3	
5151475	DDC	3.5	3-71N		213	L 3	
5151475	DDC	3.5	3-71T		213	L 3	
5151758	DDC	4.7	4-71 4VALVE		284	L 4	
5151758	DDC	4.7	4-71 CROSS-HEAD		284	L 4	
5151758	DDC	4.7	4-71E		284	L 4	
5151758	DDC	4.7	4-71M		284	L 4	
5151758	DDC	4.7	4-71N		284	L 4	
5151758	DDC	4.7	4-71T		284	L 4	
5151759	DDC	7.0	6-71		426	L 6	
5151759	DDC	7.0	6-71 CROSS-HEAD		426	L 6	
5151759	DDC	7.0	6-71E		426	L 6	
5151759	DDC	7.0	6-71M		426	L 6	
5151759	DDC	7.0	6-71N		426	L 6	
5151759	DDC	7.0	6-71T		426	L 6	
516	CHRYSLER	5.9	No Model		361	V 8	80-81
516	CHRYSLER	5.9	No Model	TRK	361	V 8	57-78
516	CHRYSLER	6.3	No Model		383	V 8	59-71
516	CHRYSLER	6.8	No Model		413	V 8	59-77
516	CHRYSLER	7.2	No Model		440	V 8	76-76
5171535	DDC	2.3	2-71		142	L 2	
5171535	DDC	2.3	2-71 2V		142	L 2	
517513	GM	4.4	No Model	J	267	V 8	79-82
5177107	DDC	7.0	6V-71		426	V 6	
5177901	4/V DDC	10.8	No Model		660	L 6	
518024	GM	4.7	CHIEFTAN		287	V 8	55-55
5-182-0	GM	2.2	LUV	S	137	L 4	81-85

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
5-182-0	ISUZU	2.2	No Model	S	136	L 4	86-87
5-182-0	ISUZU	2.2	No Model	U	136	L 4	85-87
5182210	DDC	4.7	4-71 2VALVE		284	L 4	
5183282	DDC	7.0	6-71		426	L 6	
5183282	DDC	7.0	6-71 CROSS-HEAD		426	L 6	
5183282	DDC	7.0	6-71E		426	L 6	
5183282	DDC	7.0	6-71M		426	L 6	
5183282	DDC	7.0	6-71N		426	L 6	
5183282	DDC	7.0	6-71T		426	L 6	
5183482	DDC	4.7	4-71 4VALVE		284	L 4	
5183482	DDC	4.7	4-71 CROSS-HEAD		284	L 4	
5183482	DDC	4.7	4-71E		284	L 4	
5183482	DDC	4.7	4-71M		284	L 4	
5183482	DDC	4.7	4-71N		284	L 4	
5183482	DDC	4.7	4-71T		284	L 4	
5183927	DDC	3.5	3-71		213	L 3	
5183927	DDC	3.5	3-71 CROSS-HEAD		213	L 3	
5183927	DDC	3.5	3-71E		213	L 3	
5183927	DDC	3.5	3-71M		213	L 3	
5183927	DDC	3.5	3-71N		213	L 3	
5183927	DDC	3.5	3-71T		213	L 3	
5189857	DDC	2.3	2-71		142	L 2	
5189857	DDC	2.3	2-71 2V		142	L 2	
5189857	DDC	2.3	2-71 CROSS-HEAD		142	L 2	
5189857	DDC	2.3	2-71E		142	L 2	
5189857	DDC	2.3	2-71M		142	L 2	
5189857	DDC	2.3	2-71N		142	L 2	
5189857	DDC	2.3	2-71T		142	L 2	
5189858	DDC	2.3	2-71		142	L 2	
5189858	DDC	2.3	2-71 2V		142	L 2	
5189858	DDC	2.3	2-71 CROSS-HEAD		142	L 2	
5189858	DDC	2.3	2-71E		142	L 2	
5189858	DDC	2.3	2-71M		142	L 2	
5189858	DDC	2.3	2-71N		142	L 2	
5189858	DDC	2.3	2-71T		142	L 2	
5193713 2/V	DDC	10.8	No Model		660	L 6	
5195028	DDC	2.6	3-53		159	L 3	
5195029	DDC	2.6	3-53		159	L 3	
5195341 2/V	DDC	10.8	No Model		660	L 6	
5195508	DDC	7.0	6-71 2V		426	L 6	
5196308	DDC	3.5	3-71 2V		213	L 3	
5196308	DDC	7.0	6-71 2V		426	L 6	
5196309	DDC	4.7	4-71 4VALVE		284	L 4	
5196309	DDC	4.7	4-71 CROSS-HEAD		284	L 4	
5196309	DDC	4.7	4-71E		284	L 4	
5196309	DDC	4.7	4-71M		284	L 4	
5196309	DDC	4.7	4-71N		284	L 4	
5196309	DDC	4.7	4-71T		284	L 4	
5196310	DDC	7.0	6-71 2V		426	L 6	
5197212	DDC	4.7	4-71 4VALVE		284	L 4	
5197212	DDC	4.7	4-71 CROSS-HEAD		284	L 4	
5197212	DDC	4.7	4-71E		284	L 4	
5197212	DDC	4.7	4-71M		284	L 4	
5197212	DDC	4.7	4-71N		284	L 4	
5197212	DDC	4.7	4-71T		284	L 4	
5197212	DDC	18.6	16V-71		1136	V 16	
5197213	DDC	7.0	6-71		426	L 6	

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
5197213	DDC	7.0	6-71 CROSS-HEAD		426	L 6	
5197213	DDC	7.0	6-71E		426	L 6	
5197213	DDC	7.0	6-71M		426	L 6	
5197213	DDC	7.0	6-71N		426	L 6	
5197213	DDC	7.0	6-71T		426	L 6	
5197213	DDC	14.0	12V-71		852	V 12	
5197420	DDC	7.0	6-71		426	L 6	
5197420	DDC	7.0	6-71 CROSS-HEAD		426	L 6	
5197420	DDC	7.0	6-71E		426	L 6	
5197420	DDC	7.0	6-71M		426	L 6	
5197420	DDC	7.0	6-71N		426	L 6	
5197420	DDC	7.0	6-71T		426	L 6	
5197423	DDC	7.0	6-71		426	L 6	
5197423	DDC	7.0	6-71 CROSS-HEAD		426	L 6	
5197423	DDC	7.0	6-71E		426	L 6	
5197423	DDC	7.0	6-71M		426	L 6	
5197423	DDC	7.0	6-71N		426	L 6	
5197423	DDC	7.0	6-71T		426	L 6	
5197947	DDC	2.6	3-53		159	L 3	
5197949	DDC	5.2	6V-53		318	V 6	
5198202	DDC	0.9	53		53	L 3	
5198202	DDC	3.5	4-53		212	L 4	
5198203	DDC	2.6	3-53		159	L 3	
5198203	DDC	5.2	6V-53		318	V 6	
5198204	DDC	0.9	53		53	L 3	
5198204	DDC	3.5	4-53		212	L 4	
5198216	DDC	3.5	3-71 2V		213	L 3	
5198216	DDC	4.7	4-71 2VALVE		284	L 4	
5198218	DDC	3.5	3-71 2V		213	L 3	
5198218	DDC	7.0	6-71 2V		426	L 6	
5198219	DDC	7.0	6-71 2V		426	L 6	
5198404 4/V	DDC	10.8	No Model		660	L 6	
5198473	DDC	3.5	3-71 2V		213	L 3	
5198473	DDC	7.0	6-71 2V		426	L 6	
5198571	DDC	4.7	4-71 4VALVE		284	L 4	
5198571	DDC	4.7	4-71 CROSS-HEAD		284	L 4	
5198571	DDC	4.7	4-71E		284	L 4	
5198571	DDC	4.7	4-71M		284	L 4	
5198571	DDC	4.7	4-71N		284	L 4	
5198571	DDC	4.7	4-71T		284	L 4	
5198571	DDC	18.6	16V-71		1136	V 16	
51E	NISSAN	1.6	No Model	CA16D	97	L 4	87
51E	NISSAN	1.8	PULSAR	CA18D	110	L 4	88-89
51MIR	NISSAN	1.6	No Model	CA16D	97	L 4	87
51OE	FORD	5.4	No Model	D	330	L 6	58-69
5203655	CHRYSLER	2.2	No Model	8	135	L 4	82-85
5203655	CHRYSLER	2.2	No Model	B	135	L 4	81-82
5203655	CHRYSLER	2.2	No Model	C	135	L 4	83-85
5203655	CHRYSLER	2.2	No Model	D	135	L 4	83-85
5203655	CHRYSLER	2.2	SHELBY	A	135	L 4	86-90
521	CHRYSLER	5.9	No Model		361	V 8	80-81
521	CHRYSLER	5.9	No Model	TRK	361	V 8	57-78
521	CHRYSLER	6.3	No Model		383	V 8	59-71
5213B	MACK	11.0	E6		672	L 6	58-89
5213B	MACK	11.0	E6-4VH		672	L 6	88-97
522	CHRYSLER	5.7	No Model		350	V 8	68-71
522	CHRYSLER	5.9	No Model		361	V 8	80-81

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
523141	STUDEBAKER	4.0	No Model		246	L 6	50-60
523298	GM	5.6	CHIEFTAIN		347	V 8	57-57
5240402	AUDI	1.7	No Model		105	L 4	81-83
5240402	CHRYSLER	1.7	No Model	B	105	L 4	78-83
5240402	VOLKSWAGEN	1.7	No Model	EN	104	L 4	81-84
5240402	VOLKSWAGEN	1.7	No Model	JF	104	L 4	81-84
5240402	VOLKSWAGEN	1.7	No Model	WT	104	L 4	82-83
5240403	AUDI	1.7	No Model		105	L 4	81-83
5240403	CHRYSLER	1.7	No Model	B	105	L 4	78-83
5240403	VOLKSWAGEN	1.7	No Model	EN	104	L 4	81-84
5240403	VOLKSWAGEN	1.7	No Model	JF	104	L 4	81-84
5240403	VOLKSWAGEN	1.7	No Model	WT	104	L 4	82-83
5240476	AUDI	1.7	No Model		105	L 4	81-83
5240476	CHRYSLER	1.7	No Model	B	105	L 4	78-83
5240476	VOLKSWAGEN	1.7	No Model	EN	104	L 4	81-84
5240476	VOLKSWAGEN	1.7	No Model	JF	104	L 4	81-84
5240476	VOLKSWAGEN	1.7	No Model	WT	104	L 4	82-83
5240835	AUDI	1.7	No Model		105	L 4	81-83
5240835	CHRYSLER	1.7	No Model	B	105	L 4	78-83
5240835	VOLKSWAGEN	1.7	No Model	EN	104	L 4	81-84
5240835	VOLKSWAGEN	1.7	No Model	JF	104	L 4	81-84
5240835	VOLKSWAGEN	1.7	No Model	WT	104	L 4	82-83
5249835	AUDI	1.7	No Model		105	L 4	81-83
5249835	CHRYSLER	1.7	No Model	B	105	L 4	78-83
5249835	VOLKSWAGEN	1.7	No Model	EN	104	L 4	81-84
5249835	VOLKSWAGEN	1.7	No Model	JF	104	L 4	81-84
5249835	VOLKSWAGEN	1.7	No Model	WT	104	L 4	82-83
526989	STUDEBAKER	2.8	No Model		170	L 6	55-60
526990	STUDEBAKER	4.0	No Model		246	L 6	50-60
527772	STUDEBAKER	3.8	No Model		232	V 8	51-54
528511	GM	5.5	No Model	P	336	V 8	57-59
528511	GM	6.1	No Model	370	370	V 8	57-58
529278	STUDEBAKER	2.8	No Model		170	L 6	55-60
53005709	CHRYSLER	3.9	No Model	X	239	V 6	88-91
53005709	CHRYSLER	3.9	TRUCK	M	239	V 6	87-88
53005714	CHRYSLER	5.2	DAKOTA	Y	318	V 8	88-91
53005714	CHRYSLER	5.2	DAKOTA	Y	318	V 8	92-04
53005714	CHRYSLER	5.2	MAGNUM	T	318	V 8	95-99
53005714	CHRYSLER	5.2	No Model	2	318	V 8	98-99
53005714	CHRYSLER	5.2	No Model	4	318	V 8	83-89
53005714	CHRYSLER	5.9	MAGNUM	5	360	V 8	92-01
53005714	CHRYSLER	5.9	MAGNUM	Z	360	V 8	92-97
53005854	CHRYSLER	8.0	No Model	E	488	V 10	94-97
53005854	CHRYSLER	8.0	No Model	W	488	V 10	94-02
53006671	CHRYSLER	5.2	DAKOTA	Y	318	V 8	88-91
53006671	CHRYSLER	5.2	DAKOTA	Y	318	V 8	92-04
53006671	CHRYSLER	5.2	MAGNUM	T	318	V 8	95-99
53006671	CHRYSLER	5.2	No Model	2	318	V 8	98-99
53006671	CHRYSLER	5.9	DURANGO	Z	360	V 8	98-02
53006671	CHRYSLER	5.9	MAGNUM	5	360	V 8	92-01
53006671	CHRYSLER	5.9	MAGNUM	Z	360	V 8	92-97
53006680	CHRYSLER	3.9	MAGNUM	X	239	V 6	92-02
5302044	CHRYSLER	5.9	MAGNUM	5	360	V 8	92-01
53020466	CHRYSLER	5.2	DAKOTA	Y	318	V 8	92-04
53020466	CHRYSLER	5.9	MAGNUM	5	360	V 8	92-01
53020466	CHRYSLER	5.9	MAGNUM	Z	360	V 8	92-97
53020468	CHRYSLER	5.2	DAKOTA	Y	318	V 8	92-04

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
53020468	CHRYSLER	5.9	DURANGO	Z	360	V 8	98-02
53020468	CHRYSLER	5.9	MAGNUM	5	360	V 8	92-01
53020468	CHRYSLER	5.9	MAGNUM	Z	360	V 8	92-97
53020801	CHRYSLER	4.7	DAKOTA	J	287	V 8	04-06
53020801	CHRYSLER	4.7	DURANGO	N	287	V 8	99-06
53020802	CHRYSLER	4.7	DAKOTA	J	287	V 8	04-06
53020802	CHRYSLER	4.7	DURANGO	N	287	V 8	99-06
53021616	CHRYSLER	5.7	TRUCK	D	345	V 8	03-05
53021616 BA	CHRYSLER	5.7	TRUCK	D	345	V 8	03-05
531395	GM	5.5	No Model	P	336	V 8	57-59
531395	GM	6.4	No Model	389	389	V 8	59-66
5325082	HUDSON	3.3	No Model		202	L 6	55-56
534	GM	1.0	FIREFLY	6	61	L 3	89-00
535976	STUDEBAKER	4.2	No Model		259	V 8	55-64
536096	GM	6.4	No Model	389	389	V 8	59-66
536109	GM	5.5	No Model	P	336	V 8	57-59
536109	GM	6.4	No Model	389	389	V 8	59-66
536180	STUDEBAKER	2.8	No Model		170	L 6	55-60
536271	SAAB	2.0	No Model	B201	121	L 4	78-89
537555	STUDEBAKER	4.2	No Model		259	V 8	55-64
538177	GM	3.2	No Model	L	194	L 6	62-72
538177	GM	3.2	TEMPEST	P	195	L 4	61-63
538177	GM	5.3	No Model	P	326	V 8	63-67
538177	GM	6.4	No Model	389	389	V 8	59-66
53F	NISSAN	2.4	240SX	A	146	L 4	95-01
53J	NISSAN	2.0	SENTRA	SR20	122	L 4	91-96
541	KIA	1.6	SEPHIA	2	97	L 4	94-98
541	MAZDA	1.8	PROTÉGÉ	4	112	L 4	93-94
541	MAZDA	1.8	PROTÉGÉ	BP	112	L 4	90-92
543-3	CASE	7.4	1070	D	451	L 6	
543406	GM	4.3	No Model	P	262	V 8	79-80
543796	GM	3.2	No Model	L	194	L 6	62-72
543796	GM	3.2	TEMPEST	P	195	L 4	61-63
543796	GM	5.3	No Model	P	326	V 8	63-67
543796	GM	6.4	No Model	389	389	V 8	59-66
543797	GM	3.2	No Model	L	194	L 6	62-72
543797	GM	3.2	TEMPEST	P	195	L 4	61-63
543797	GM	5.3	No Model	P	326	V 8	63-67
543797	GM	6.4	No Model	389	389	V 8	59-66
544717	GM	6.6	No Model	K	403	V 8	77-77
544717	GM	6.6	No Model	K	403	V 8	78-79
544717	GM	6.6	No Model	R	403	V 8	77-81
547396	GM	6.4	No Model	389	389	V 8	59-66
547397	GM	6.4	No Model	389	389	V 8	59-66
548232	GM	5.3	No Model	P	326	V 8	63-67
549-3	CASE	5.5	336	BDT	336	L 4	
549-3	CASE	5.5	336	D	336	L 4	
549922	CHRYSLER	1.5	COLT	A	91	L 4	90-96
549922	CHRYSLER	1.5	COLT	K	91	L 4	85-88
549922	CHRYSLER	1.5	COLT	X	91	L 4	89-90
549922	CHRYSLER	1.5	No Model		91	L 4	80
549922	MITSUBISHI	1.5	MIRAGE	A	92	L 4	90-99
549922	MITSUBISHI	1.5	MIRAGE	K	90	L 4	85-88
549922	MITSUBISHI	1.5	MIRAGE	X	90	L 4	89-90
549922	MITSUBISHI	1.5	No Model	J	91	L 4	90-94
549922	MITSUBISHI	1.5	PRECIS	J	90	L 4	87-89
549C06	CHRYSLER	2.1	No Model	B	126	L 4	83-87

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
549C06	RENAULT	2.1	J8S232	D	126	L 4	83-86
550	JOHN DEERE	3.6	2020	T	219	L 4	
550	JOHN DEERE	3.6	2030	G	219	L 4	
550	JOHN DEERE	3.6	454	D	219	L 4	
550362	GM	4.3	No Model	8	260	V 8	75-76
550362	GM	4.3	No Model	8	260	V 8	77-82
550362	GM	4.3	No Model	F	260	V 8	75-76
550362	GM	4.3	No Model	F	260	V 8	77-81
5505	CASE	4.3	D		260	L 4	
5505	CASE	4.5	D		276	L 4	
5505A	CASE	4.3	D		260	L 4	
552	CHRYSLER	2.5	No Model	B	151	L 4	81-83
552	CHRYSLER	2.5	No Model	M	151	L 4	81-83
552	GM	2.5	No Model	2	151	L 4	82-86
552	GM	2.5	No Model	5	151	L 4	79-83
552	GM	2.5	No Model	F	151	L 4	82-83
552	GM	2.5	No Model	R	151	L 4	82-83
553637	CUMMINS	9.1	TRIPLE NICKEL		555	V 8	
554715	GM	4.3	No Model	8	260	V 8	77-82
554715	GM	4.3	No Model	F	260	V 8	77-81
554716	GM	5.7	No Model	8	350	V 8	80
554716	GM	5.7	No Model	B	350	V 8	78-79
554716	GM	5.7	No Model	R	350	V 8	77-80
554717	GM	5.7	No Model	R	350	V 8	77-80
554717	GM	6.6	No Model	K	403	V 8	77-77
554717	GM	6.6	No Model	K	403	V 8	78-79
554717	GM	6.6	No Model	R	403	V 8	77-81
555644	GM	5.0	No Model	303.7	304	V 8	49-53
556280	GM	4.3	No Model	8	260	V 8	77-82
556280	GM	4.3	No Model	F	260	V 8	77-81
5576	CASE	4.3	D		260	L 4	
5576	CASE	4.5	D		276	L 4	
5576-A	CASE	4.3	D		260	L 4	
5576-A	CASE	4.5	D		276	L 4	
558769	GM	5.7	No Model	N	350	V 8	78-80
558769	GM	5.7	No Model	N	350	V 8	81-85
558769	GM	5.7	No Model	Z	350	V 8	78-79
558769	GM	5.7	No Model	Z	350	V 8	80
558769	GM	5.7	No Model	Z	350	V 8	80-81
55M	NISSAN	1.6	No Model	CA16D	97	L 4	87
55T	JOHN DEERE	2.7	360 DOZER	D	164	L 3	
56	TOYOTA	2.2	CAMRY	5SFE	134	L 4	90-00
560867	GM	4.3	No Model	8	260	V 8	77-82
560867	GM	4.3	No Model	F	260	V 8	77-81
56135	NISSAN	2.0	H20-II		121	L 4	93-02
5617A	CASE	2.5	S		154	L 4	41-54
5617A	CASE	2.7	S		165	L 4	41-54
5617A	CASE	2.7	S	S	165	L 4	41-54
5617A	CASE	2.8	SC	SC	171	L 4	41-54
5618A	CASE	2.5	S		154	L 4	41-54
5618A	CASE	2.7	S		165	L 4	41-54
5618A	CASE	2.7	S	S	165	L 4	41-54
5618A	CASE	2.8	SC	SC	171	L 4	41-54
563406	GM	4.3	No Model	8	260	V 8	77-82
563406	GM	4.3	No Model	F	260	V 8	77-81
563874	GM	5.0	No Model	OLDS	303	V 8	49-53
563874	GM	5.3	No Model	O	324	V 8	54-56

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
563974	GM	5.3	No Model	O	324	V 8	54-56
566152	GM	5.0	No Model	OLDS	303	V 8	49-53
566152	GM	5.3	No Model	O	324	V 8	54-56
566394	MG	1.8	No Model	H	110	L 4	77-80
566644	GM	5.0	No Model	OLDS	303	V 8	49-53
568750	ROVER	2.3	No Model		140	L 4	78
569137	GM	6.1	No Model		371	V 8	57-60
571870	GM	6.1	No Model		371	V 8	57-60
573305	GM	6.5	No Model	OLDS	394	V 8	59-64
575	FORD	3.7	No Model		226	L 6	47-52
5750065	FORD	7.0	EDSEL	K	430	V 8	58-65
5750117	FORD	5.0	No Model	F	302	V 8	56-65
5750117	FORD	5.4	No Model		332	V 8	58-59
5750117	FORD	5.4	No Model	CAR	332	V 8	58-59
5750118	FORD	6.6	No Model	HD	401	V 8	58-76
5750118	FORD	7.8	No Model	GAS	477	V 8	78-81
5750118	FORD	8.8	No Model		534	V 8	58-81
5750119	FORD	5.0	No Model	F	302	V 8	56-65
5750119	FORD	5.4	No Model		332	V 8	58-59
5750119	FORD	5.4	No Model	CAR	332	V 8	58-59
5750188	FORD	6.6	No Model	HD	401	V 8	58-76
5750188	FORD	7.8	No Model	GAS	477	V 8	78-81
5750188	FORD	8.8	No Model		534	V 8	58-81
5750471	FORD	4.4	No Model		272	V 8	56-66
5750471	FORD	4.8	No Model		292	V 8	55-66
5750492	FORD	5.0	No Model	F	302	V 8	56-65
5750564	FORD	6.6	No Model	HD	401	V 8	58-76
5750564	FORD	7.8	No Model	GAS	477	V 8	78-81
5750564	FORD	8.8	No Model		534	V 8	58-81
5751115	FORD	3.7	No Model		226	L 6	47-52
5751433	FORD	6.6	No Model	HD	401	V 8	58-76
5751433	FORD	7.8	No Model		475	V 8	73-79
5751433	FORD	7.8	No Model	GAS	477	V 8	78-81
5751433	FORD	8.8	No Model		534	V 8	58-81
5752113	FORD	4.4	No Model		272	V 8	56-66
5752113	FORD	4.8	No Model		292	V 8	55-66
5752115	FORD	3.7	No Model		226	L 6	47-52
5752119	FORD	5.0	No Model	F	302	V 8	56-65
5752120	FORD	5.4	No Model		332	V 8	58-59
5752120	FORD	5.4	No Model	CAR	332	V 8	58-59
5752143	FORD	5.8	No Model		352	V 8	58-67
577608	GM	6.5	No Model	OLDS	394	V 8	59-64
577746	GM	3.5	No Model		215	V 8	61-63
577746	ROVER	3.5	No Model		217	V 8	79-87
577746	ROVER	3.9	No Model		241	V 8	89-96
577746	ROVER	4.0	No Model		241	V 8	97-00
577808	GM	6.5	No Model	OLDS	394	V 8	59-64
57Y	NISSAN	1.6	SENTRA	A	97	L 4	91-98
57Y	NISSAN	2.0	SENTRA	SR20	122	L 4	91-96
580999	GM	6.5	No Model	OLDS	394	V 8	59-64
581829	GM	3.5	No Model		215	V 8	61-63
581829	ROVER	3.5	No Model		217	V 8	79-87
581829	ROVER	3.9	No Model		241	V 8	89-96
581829	ROVER	4.0	No Model		241	V 8	97-00
583832	GM	6.5	No Model	OLDS	394	V 8	59-64
583833	GM	6.5	No Model	OLDS	394	V 8	59-64
5844	GM	5.0	No Model	9	307	V 8	87-90

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
5844	GM	5.0	No Model	Y	307	V 8	81-88
5844A	CASE	6.6	LA		404	L 4	40-53
5845A	CASE	6.6	LA		404	L 4	40-53
585	CHRYSLER	5.2	No Model	E	318	V 8	73-76
585	CHRYSLER	5.2	No Model	E	318	V 8	77-80
585	CHRYSLER	5.2	No Model	P	318	V 8	83-91
585	CHRYSLER	5.2	No Model	R	318	V 8	83-87
588534	GM	3.5	No Model		215	V 8	61-63
588534	ROVER	3.5	No Model		217	V 8	79-87
588534	ROVER	3.9	No Model	2	241	V 8	89-96
588534	ROVER	4.0	No Model	97	241	V 8	97-00
5-9	TOYOTA	2.0	CAMRY	2SELC	122	L 4	83-86
5938DA	NAVISTAR	9.6	TD20		585	L 6	
596	CHRYSLER	5.2	No Model	E	318	V 8	73-76
596	CHRYSLER	5.2	No Model	E	318	V 8	77-80
596	CHRYSLER	5.2	No Model	P	318	V 8	83-91
596	CHRYSLER	5.2	No Model	R	318	V 8	83-87
5967DA	NAVISTAR	9.6	TD20		585	L 6	
5967DA	NAVISTAR	11.3	No Model		691	L 6	
5968DA	NAVISTAR	11.3	No Model		691	L 6	
5968DZ	NAVISTAR	9.6	TD20		585	L 6	
597972	CHRYSLER	2.1	No Model	B	126	L 4	83-87
597972	RENAULT	2.1	J8S232	D	126	L 4	83-86
59A	FORD	3.9	No Model		239	V 8	46-53
59B	FORD	3.9	No Model		239	V 8	46-53
5A	GM	5.0	No Model	9	307	V 8	87-90
5B1693	CATERPILLAR	8.6	D318		525	L 6	
5B1693	CATERPILLAR	8.6	D318(2)		525	L 6	
5B5195	CATERPILLAR	8.6	D318		525	L 6	
5B5195	CATERPILLAR	8.6	D318(2)		525	L 6	
5B5196	CATERPILLAR	8.6	D318		525	L 6	
5B5196	CATERPILLAR	8.6	D318(2)		525	L 6	
5B8346	CATERPILLAR	8.6	D318		525	L 6	
5B8346	CATERPILLAR	8.6	D318(2)		525	L 6	
5B8347	CATERPILLAR	8.6	D318		525	L 6	
5B8347	CATERPILLAR	8.6	D318(2)		525	L 6	
5B8647	CATERPILLAR	8.6	D318		525	L 6	
5B8647	CATERPILLAR	8.6	D318(2)		525	L 6	
5B9196	CATERPILLAR	8.6	D318		525	L 6	
5B9196	CATERPILLAR	8.6	D318(2)		525	L 6	
5C	GM	6.6	FIREBIRD	S	400	V 8	67-79
5C	GM	6.6	No Model	P	400	V 8	72-75
5C	GM	6.6	No Model	R	400	V 8	74-75
5C	GM	6.6	No Model	S	400	V 8	75-75
5C	GM	6.6	No Model	T	400	V 8	72-77
5C	GM	6.6	No Model	Z	400	V 8	77-79
5C	HYUNDAI	1.8	ELANTRA	M	112	L 4	93-99
5C6544	CATERPILLAR	7.0	3304	CB	425	L 4	
5C6544	CATERPILLAR	7.0	3304	SP	425	L 4	
5D9999	CATERPILLAR	10.5	1673C	CB	638	L 6	
5H4232	CATERPILLAR	12.2	D326		744	L 6	
5H4232	CATERPILLAR	12.2	D337		744	L 6	
5H4332	CATERPILLAR	12.2	D326		744	L 6	
5H4332	CATERPILLAR	12.2	D337		744	L 6	
5H8300	CATERPILLAR	12.2	D326		744	L 6	
5H8300	CATERPILLAR	12.2	D337		744	L 6	
5H8418	CATERPILLAR	12.2	D326		744	L 6	

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
5H8418	CATERPILLAR	12.2	D337		744	L 6	
5H8505	CATERPILLAR	12.2	D326		744	L 6	
5H8505	CATERPILLAR	12.2	D337		744	L 6	
5IE	NISSAN	1.6	No Model	CA16D	97	L 4	87
5L3261	CATERPILLAR	32.2	379		1964	V 8	
5L3261	CATERPILLAR	32.2	D379		1964	V 8	
5L4908	CATERPILLAR	24.1	353		1473	L 6	
5L4908	CATERPILLAR	24.1	353	C/B	1473	L 6	
5L4908	CATERPILLAR	24.1	D9		1473	L 6	
5L5215	CATERPILLAR	10.4	3208		636	V 8	
5L5215	CATERPILLAR	10.4	3208	1	636	V 8	
5L5215	CATERPILLAR	10.4	3208	2	636	V 8	
5L5215	CATERPILLAR	10.4	3208	TURBO	636	V 8	87-92
5L7312	CATERPILLAR	10.5	1673C	CB	638	L 6	
5L7312	CATERPILLAR	10.5	333	G	638	L 6	
5L7314	CATERPILLAR	10.5	1673C	CB	638	L 6	
5L9485	CATERPILLAR	40.8	386		2492	V 12	
5L9485	CATERPILLAR	40.9	397		2493	V 12	
5M	CHRYSLER	2.0	COLT	R	122	L 4	90-94
5M	MITSUBISHI	2.0	ECLIPSE	R	122	L 4	90-92
5M3600	CATERPILLAR	14.6	1693		893	L 6	
5M3600	CATERPILLAR	14.6	1693	1	893	L 6	
5M3600	CATERPILLAR	14.6	1693	2	893	L 6	
5M3600	CATERPILLAR	14.6	1693	3	893	L 6	
5M3600	CATERPILLAR	14.6	1693	4	893	L 6	
5M3600	CATERPILLAR	14.6	343		893	L 6	
5M3600	CATERPILLAR	14.6	D343		893	L 6	
5M3600	CATERPILLAR	14.6	D343	1	893	L 6	
5M3700	CATERPILLAR	9.8	340		597	L 4	
5M6800	CATERPILLAR	19.5	D346		1191	V 8	
5M6800	CATERPILLAR	19.5	D346	1	1191	V 8	
5M6800	CATERPILLAR	19.5	D346	2	1191	V 8	
5M7600	CATERPILLAR	4.1	D2		252	L 4	
5M7600	CATERPILLAR	4.1	D311H		252	L 4	
5M7600	CATERPILLAR	4.1	D320		252	L 4	
5M7600	CATERPILLAR	4.1	D320A		252	L 4	
5ME	TOYOTA	2.8	CRESSIDA	5M-E	168	L 6	81-82
5N5280	CATERPILLAR	32.2	379		1964	V 8	
5N5280	CATERPILLAR	32.2	D379		1964	V 8	
5N5280	CATERPILLAR	48.3	398		2946	V 12	
5N5280	CATERPILLAR	48.8	D398		2976	V 12	
5N5280	CATERPILLAR	64.4	D399		3928	V 16	
5N8501	CATERPILLAR	20.4	D342	1	1246	L 6	
5N8501	CATERPILLAR	20.4	D342	4	1246	L 6	
5N8521	CATERPILLAR	20.4	D342	1	1246	L 6	
5N8521	CATERPILLAR	20.4	D342	4	1246	L 6	
5R1511	CATERPILLAR	10.5	1673C	CB	638	L 6	
5S1840	CATERPILLAR	5.7	D330	CB	350	L 4	
5S1850	CATERPILLAR	5.7	D330	CB	350	L 4	
5S1850	CATERPILLAR	7.0	D330C	CB	425	L 4	
5S1850	CATERPILLAR	7.0	D330C	SP	425	L 4	
5S1870	CATERPILLAR	10.5	1673C	CB	638	L 6	
5S1880	CATERPILLAR	8.6	D333	CB	525	L 6	
5S1880	CATERPILLAR	10.5	1673C	CB	638	L 6	
5S1884	CATERPILLAR	10.5	3306	CB	638	L 6	
5S2969	CATERPILLAR	11.5	1676		700	V 8	
5S2969	CATERPILLAR	11.5	D336		700	V 8	

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
5S2970	CATERPILLAR	11.5	1676		700	V 8	
5S2970	CATERPILLAR	11.5	D336		700	V 8	
5S3830	CATERPILLAR	29.3	348		1786	V 12	
5S3830	CATERPILLAR	29.3	D348		1786	V 12	
5S3860	CATERPILLAR	29.3	348		1786	V 12	
5S3860	CATERPILLAR	29.3	D348		1786	V 12	
5S4100	CATERPILLAR	8.6	D333	CB	525	L 6	
5S4100	CATERPILLAR	10.5	1673C	CB	638	L 6	
5S6666	CATERPILLAR	10.5	1673C	CB	638	L 6	
5S6700	CATERPILLAR	7.0	D330C	CB	425	L 4	
5S6700	CATERPILLAR	7.0	D330C	SP	425	L 4	
5S9600	CATERPILLAR	14.6	1693		893	L 6	
5S9600	CATERPILLAR	14.6	1693	1	893	L 6	
5S9600	CATERPILLAR	14.6	1693	2	893	L 6	
5S9600	CATERPILLAR	14.6	1693	3	893	L 6	
5S9600	CATERPILLAR	14.6	1693	4	893	L 6	
5S9600	CATERPILLAR	14.6	343		893	L 6	
5S9600	CATERPILLAR	14.6	D343		893	L 6	
5S9600	CATERPILLAR	14.6	D343	1	893	L 6	
5S9999	CATERPILLAR	10.5	1673C	CB	638	L 6	
6	CHRYSLER	3.0	No Model	3	181	V 6	87-95
6	CHRYSLER	3.0	No Model	3	181	V 6	96-99
6	CHRYSLER	3.0	No Model	S	181	V 6	90-92
6	CHRYSLER	3.0	No Model	V	181	V 6	92
6	FORD	1.6	CAPRI	Z	98	L 4	91-94
6	FORD	1.6	CAPRI,TRACER	6	98	L 4	91-94
6	FORD	2.0	ESCORT	H	122	L 4	84-87
6	GM	7.5	No Model	P	455	V 8	70-76
6	GM	7.5	No Model	W	455	V 8	71-76
6	GM	7.5	No Model	X & Y	455	V 8	71-76
6	GM	7.5	No Model	X & Y	455	V 8	71-76
6	MAZDA	2.0	626	RF	122	L 4	84-85
6	MITSUBISHI	3.0	DIMANTE	H	181	V 6	93-96
6	MITSUBISHI	3.0	GALANT	S	181	V 6	88-92
6	MITSUBISHI	3.0	GALANT	S	181	V 6	88-92
6	MITSUBISHI	3.0	No Model	3	181	V 6	87-91
6	TOYOTA	3.0	4-RUNNER	3V-ZE	180	V 6	88-95
6/A	SUZUKI	1.6	No Model	O	97	L 4	89-95
60031	TOYOTA	3.9	LANDCRUISER	F	237	L 6	65-74
601	TOYOTA	1.8	COROLLA	3T-C	108	L 4	80-82
6010160501	MERCEDES BENZ	2.2	No Model		134	L 4	84-85
602	CHRYSLER	3.2	No Model	A/J	196	L 6	53-65
603	CHRYSLER	5.7	No Model		350	V 8	68-71
603	CHRYSLER	5.9	No Model		361	V 8	80-81
603A	NISSAN	1.6	SENTRA	A	97	L 4	91-98
60422	JOHN DEERE	3.9	239T		239	L 4	
60422	JOHN DEERE	3.9	2750		239	L 4	
60506	FORD	3.6	No Model	D	220	L 4	58-67
6051	MASSEY FERGUSON	1.4	1030		87	L 3	
605CE	FORD	4.0	EXPLORER	K	245	V 6	00-04
60610	CATERPILLAR	6.4	3066		390	L 6	
609	FORD	6.6	BSD-666		401	L 6	68-82
609	FORD	6.6	BSD-666T		401	L 6	68-94
609	FORD	6.6	BSD-666T(2)		401	L 6	68-82
609	MACK	5.5	MIDR 06.02.12		335	L 6	84-89
6090E	FORD	2.8	No Model	D	172	L 4	55-60
6096	CHRYSLER	5.9	GRAND WAGONEER	7	360	V 8	89-91

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
61	TOYOTA	1.8	CAMRY	1CTL	112	L 4	84-85
61	TOYOTA	1.8	COROLLA	1C-LC	112	L 4	84-85
61	TOYOTA	2.0	CAMRY	2CTL	120	L 4	86
61010	TOYOTA	4.2	LANDCRUISER	2F	258	L 6	75-80
61020	TOYOTA	4.2	LANDCRUISER	2F	258	L 6	75-80
61023	KUBOTA	1.9	CT4-114		114	L 4	
61023	KUBOTA	1.9	V1902-B		114	L 4	
61029	NISSAN	6.9	FE6		423	L 6	80-90
61029	NISSAN	6.9	FE6T		423	L 6	88-91
61029	NISSAN	6.9	FE6TA		423	L 6	92-97
61040	TOYOTA	4.2	LANDCRUISER	2F	258	L 6	81-87
6107412	GM	3.7	TRUCK		228	L 6	39-51
6107412	GM	4.0	No Model		248	L 8	37-55
6107412	GM	4.1	No Model		256	L 6	54-56
6107412	GM	4.4	No Model		270	L 6	45-62
61113111	KOMATSU	7.2	4D120-10		442	L 4	
61113111	KOMATSU	7.2	4D120-11		442	L 4	
61113111	KOMATSU	7.2	4D120-8		442	L 4	
6112-13-1111	KOMATSU	8.5	130		518	L 4	
6112-13-1112	KOMATSU	8.5	130		518	L 4	
6112-13-1114	KOMATSU	8.5	130		518	L 4	
6112-13-1115	KOMATSU	8.5	130		518	L 4	
6112-18-1112	KOMATSU	8.5	130		518	L 4	
6114-11-1100	KOMATSU	8.5	130		518	L 4	
6115	KOMATSU	8.5	130		518	L 4	
6115-11-1111	KOMATSU	8.5	130		518	L 4	
6127-11-1138	KOMATSU	19.3	155		1175	L 6	
6128A	CASE	4.3	D		260	L 4	
6128A	CASE	4.5	D		276	L 4	
6130-11-1110	KOMATSU	4.0	105		242	L 4	
6130-11-1110	KOMATSU	4.0	105.2		242	L 4	
6130-11-1110	KOMATSU	4.0	105.5		242	L 4	
6130-11-112	KOMATSU	4.0	105		242	L 4	
6130-11-112	KOMATSU	4.0	105.2		242	L 4	
6130-11-112	KOMATSU	4.0	105.5		242	L 4	
6134-11-1111	KOMATSU	4.0	105		242	L 4	
6134-11-1111	KOMATSU	4.0	105.2		242	L 4	
6134-11-1111	KOMATSU	4.0	105.5		242	L 4	
6134-21-1110	KOMATSU	4.0	105		242	L 4	
6134-21-1110	KOMATSU	4.0	105.2		242	L 4	
6134-21-1110	KOMATSU	4.0	105.5		242	L 4	
6136	KOMATSU	4.0	105		242	L 4	
6136	KOMATSU	4.0	105.2		242	L 4	
6136	KOMATSU	4.0	105.5		242	L 4	
6136	KOMATSU	6.5	105	1	396	L 6	
6151-0	KOMATSU	11.1	125		674	L 6	
61534	ALLIS CHALMERS	13.8	16000T		844	L 6	
61534	BUDA	13.9	HD21		884	L 6	
61601610041001	MERCEDES BENZ	2.4	240D	OM616	146	L 4	83-84
616016140	MERCEDES BENZ	2.4	240D	D	147	L 4	73-79
6162-13-1110	KOMATSU	23.2	170		1413	L 6	
6170160301	MERCEDES BENZ	3.0	No Model	D	183	L 5	86-89
6170160301M	MERCEDES BENZ	3.0	300SD	SD	183	L 5	76-80
6186	NAVISTAR	2.5	No Model	C	152	L 4	
6186	NAVISTAR	2.8	350, 350H, 350HC	C(1)	175	L 4	
6186DD	NAVISTAR	2.5	No Model	C	152	L 4	
61A	GM	1.6	TRACKER	U	97	L 4	89-96

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
61-A	SUZUKI	1.6	No Model	O	97	L 4	89-95
61K	MAZDA	1.6	323	B6	97	L 4	87-92
61K	MAZDA	1.6	323	B6	97	L 4	93-94
62	GM	6.9	BONNEVILLE	P	421	V 8	61-66
62	GM	7.0	No Model	P	428	V 8	67-69
6211-1110-232	KOMATSU	15.2	140		929	L 6	
6211-11-1110	KOMATSU	15.2	140		929	L 6	
6228	HONDA	2.0	ACCORD	A20A1	119	L 4	87-89
6250856	GM	5.8	No Model	C	351	V 6	65-72
6256711	GM	2.3	CORVAIR		140	H 6	60-63
6258723	GM	7.4	No Model	Z	454	V 8	70-75
6260856	GM	5.7	No Model	L	350	V 8	76
6260856	GM	5.7	No Model	V	350	V 8	74-76
6270019	GM	2.3	VEGA	V	140	L 4	71-76
6271105	GM	2.3	VEGA	V	140	L 4	71-76
6272290	GM	6.5	No Model		396	V 8	65-72
6272292	GM	7.4	No Model	L	454	V 8	75-76
6272292	GM	7.4	No Model	S	454	V 8	76-79
6272292	GM	7.4	No Model	S	454	V 8	80-81
6272292	GM	7.4	No Model	W	454	V 8	80-86
6272292	GM	7.4	No Model	Y	454	V 8	76-78
6272292	GM	7.4	No Model	Z	454	V 8	70-75
6272990	GM	7.4	No Model	Z	454	V 8	70-75
62747957	JOHN DEERE	3.1	1450		190	L 4	
629	AUSTIN	0.9	No Model		57	L 4	59-67
62D4-12	KOMATSU	3.3	4D95S-1		199	L 4	
62D4-12	KOMATSU	3.3	4D95S-W-1		199	L 4	
62D4-12	KOMATSU	3.3	95		199	L 4	
62D4-12	KOMATSU	3.3	95L		199	L 4	
62D4-12	KOMATSU	4.9	6D95L-1		299	L 6	
62D4-12	KOMATSU	4.9	95	1	299	L 6	
630	CHRYSLER	4.0	No Model	S	242	L 6	91-97
630	FORD	1.6	TRACER	5	98	L 4	87-92
630	MAZDA	1.6	323	B6	97	L 4	87-92
630	MAZDA	1.6	323	B6	97	L 4	93-94
630	MAZDA	1.6	323	B6	98	L 4	85-86
632222R1	NAVISTAR	9.4	No Model	DVT	573	V 8	
632222R1	NAVISTAR	9.4	No Model	UDT	574	V 8	
632222R1	NAVISTAR	9.4	TD20	D	573	V 8	
6336	NAVISTAR	4.1	M	C	248	L 4	
6336	NAVISTAR	4.1	M	C	248	L 4	61-68
6336DA	NAVISTAR	4.1	M	C	248	L 4	61-68
6347D	NAVISTAR	4.3	T4, T6, T9, 656, SUPER M,	C	264	L 4	50-62
635	CHRYSLER	5.9	No Model	TRK	361	V 8	57-78
635	CHRYSLER	6.3	No Model		383	V 8	59-71
635	CHRYSLER	6.8	No Model		413	V 8	59-77
635	CHRYSLER	7.0	HEMI	H J R	426	V 8	66-71
635	CHRYSLER	7.2	No Model		440	V 8	76-76
636016140	MERCEDES BENZ	1.8	180D	D	108	L 4	75-76
637014	CHRYSLER	2.2	No Model	A/J	134	L 4	42-71
637014	HENRY	2.2	No Model		134	L 4	53-71
637014	JEEP	2.2	No Model		134	L 4	53-71
6386	CASE	6.6	LA		404	L 4	40-53
6386A	CASE	6.6	LA		404	L 4	40-53
639660	CHRYSLER	2.2	No Model	A/J	134	L 4	42-71
639660	HENRY	2.2	No Model		134	L 4	53-71
639660	JEEP	2.2	No Model		134	L 4	53-71

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
64	GM	6.6	FIREBIRD	S	400	V 8	67-79
64	GM	6.9	BONNEVILLE	P	421	V 8	61-66
64	GM	7.0	No Model	P	428	V 8	67-69
64	HYUNDAI	2.4	SONATA	S	143	L 4	89-93
640161	CHRYSLER	2.2	No Model	A/J	134	L 4	42-71
640161	HENRY	2.2	No Model		134	L 4	53-71
640161	JEEP	2.2	No Model		134	L 4	53-71
64167	NAVISTAR	4.4	U, B, BD		269	L 6	40-69
641678H	NAVISTAR	4.4	U, B, BD		269	L 6	40-69
64167H	NAVISTAR	4.4	U, B, BD		269	L 6	40-69
645	CHRYSLER	2.5	No Model	H	150	L 4	86-88
645/20	GM	4.5	No Model	8	272	V 8	88-89
6480406	CHRYSLER	5.7	No Model		350	V 8	68-71
648830	CHRYSLER	2.2	No Model	A/J	134	L 4	42-71
648830	HENRY	2.2	No Model		134	L 4	53-71
648830	JEEP	2.2	No Model		134	L 4	53-71
64M	HYUNDAI	2.4	SONATA	S	143	L 4	89-93
64-M	CHRYSLER	2.4	COLT VISTA	W	143	L 4	90-92
64-M	CHRYSLER	2.4	VAN	L	143	L 4	87-88
64-M	MINISUBISHI	2.4	No Model	W	143	L 4	89-92
64-M	MINISUBISHI	2.4	VAN	L	143	L 4	87-88
65	GM	4.3	No Model	S	265	V 8	80-81
6530	CASE	4.1	400		251	L 4	
6530	CASE	4.1	730		251	L 4	
6530	CASE	4.1	770	BG	251	L 4	
6530A	CASE	4.1	400		251	L 4	
6530A	CASE	4.1	730		251	L 4	
6530A	CASE	4.1	770	BG	251	L 4	
66	GM	7.5	No Model	P	455	V 8	70-76
66	GM	7.5	No Model	W	455	V 8	71-76
66	GM	7.5	No Model	X & Y	455	V 8	71-76
66	GM	7.5	No Model	X & Y	455	V 8	71-76
66885	ALLIS CHALMERS	12.7	HD21		779	L 6	
66885	BUDA	12.7	HD21		779	L 6	
67	GM	6.9	BONNEVILLE	P	421	V 8	61-66
67	GM	7.0	No Model	P	428	V 8	67-69
670, 97	GM	6.6	FIREBIRD	S	400	V 8	67-79
670351C1	NAVISTAR	13.4	A SERIES		817	L 6	
670351C1	NAVISTAR	13.4	B SERIES	817-B	817	L 6	
670351C1	NAVISTAR	13.4	C SERIES	817-C	817	L 6	
670352C1	NAVISTAR	13.4	A SERIES		817	L 6	
670352C1	NAVISTAR	13.4	B SERIES	817-B	817	L 6	
670352C1	NAVISTAR	13.4	C SERIES	817-C	817	L 6	
670719C1	NAVISTAR	6.7	856	D	407	L 6	
670719C-1	NAVISTAR	6.7	856	D	407	L 6	
671	GM	6.9	BONNEVILLE	P	421	V 8	61-66
671	GM	7.0	No Model	P	428	V 8	67-69
671300C3	NAVISTAR	9.4	No Model	DVT	573	V 8	
671300C-3	NAVISTAR	9.4	No Model	UDT	574	V 8	
6716DB	NAVISTAR	1.9	No Model		113	L 4	37-40
6716DB	NAVISTAR	4.4	U, B, BD		269	L 6	40-69
6731300C2	NAVISTAR	9.4	TD20	D	573	V 8	
673132	NAVISTAR	9.4	No Model	DVT	573	V 8	
673132	NAVISTAR	9.4	TD20	D	573	V 8	
675542C-1 SM UD	NAVISTAR	5.9	DT360	DT	360	L 6	87-94
675542C1SMUD	NAVISTAR	5.9	DT360	DT	360	L 6	87-94
675542C-2	NAVISTAR	5.1	HYDRO 70		312	L 6	

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
675544C2	NAVISTAR	5.9	766	D(1)	360	L 6	
676300C-2	NAVISTAR	13.1	4586	DVT	800	V 8	
676848	NAVISTAR	13.1	4586	DVT	800	V 8	
680	OPEL	1.9	No Model	N	116	L 4	67-75
680426	NAVISTAR	7.6	DT466B	DT	466	L 6	49-76
680426	NAVISTAR	7.6	DT466B & C	B	466	L 6	80-90
680426	NAVISTAR	7.6	DT466C	C	466	L 6	88-90
680426C	NAVISTAR	6.8	1066	D	414	L 6	
680426C1	NAVISTAR	7.6	DT466B & C	B	466	L 6	80-90
680426C1	NAVISTAR	7.6	DT466C	C	466	L 6	88-90
680426-C1	NAVISTAR	7.1	1486	D	436	L 6	
680426C2	NAVISTAR	7.6	DT466B & C	B	466	L 6	80-90
680426C2	NAVISTAR	7.6	DT466C	C	466	L 6	88-90
680427C1	NAVISTAR	6.8	1066	D	414	L 6	
680427C1	NAVISTAR	7.6	DT466B & C	B	466	L 6	80-90
680427C1	NAVISTAR	7.6	DT466C	C	466	L 6	88-90
680427C2	NAVISTAR	6.8	1066	D	414	L 6	
680427C2	NAVISTAR	7.6	DT466B	DT	466	L 6	49-76
680427C2	NAVISTAR	7.6	DT466B & C	B	466	L 6	80-90
680427C2	NAVISTAR	7.6	DT466C	C	466	L 6	88-90
680428C1	NAVISTAR	6.8	1066	D	414	L 6	
682925C1	NAVISTAR	13.4	C SERIES	817-C	817	L 6	
682926	NAVISTAR	11.3	No Model		691	L 6	
682927	NAVISTAR	11.3	No Model		691	L 6	
682927C1	NAVISTAR	11.3	No Model		691	L 6	
682927C-1	NAVISTAR	13.4	C SERIES	817-C	817	L 6	
683F6090AAA	FORD	4.0	No Model		242	L 4	67-70
683F6090AAA	FORD	4.2	2701C	D	254	L 4	68-72
683F6090GAB	FORD	4.0	No Model		242	L 4	67-70
683F6090GAB	FORD	4.2	No Model		254	L 4	69-82
683F6090GAB	FORD	5.9	No Model		362	L 6	69-82
683F6090GAB	FORD	6.0	No Model	D	363	L 6	64-70
683F6090GAB	FORD	6.2	No Model		380	L 6	69-82
684	CHRYSLER	2.5	No Model	H	150	L 4	86-88
684	MG	1.5	MIDGET	A	91	L 4	75-80
684	MG	1.6	MARK II	C	99	L 4	61-62
68402B	WAUKESHA	2.2	180DLC		133	L 4	
68475	BUDA	18.4	No Model		1125	V 8	
685313C1	NAVISTAR	3.9	544	D239	239	L 4	
685313C1	NAVISTAR	13.1	4586	DVT	800	V 8	
685313C-1	NAVISTAR	13.1	4586	DVT	800	V 8	
688833	NAVISTAR	7.6	DT466B	DT	466	L 6	49-76
688833	NAVISTAR	7.6	DT466B & C	B	466	L 6	80-90
688833	NAVISTAR	7.6	DT466C	C	466	L 6	88-90
688833202-A	NAVISTAR	7.6	DT466B	DT	466	L 6	49-76
688833202-A	NAVISTAR	7.6	DT466B & C	B	466	L 6	80-90
688833202-A	NAVISTAR	7.6	DT466C	C	466	L 6	88-90
688833C1	NAVISTAR	7.6	DT466B & C	B	466	L 6	80-90
688833C1	NAVISTAR	7.6	DT466C	C	466	L 6	88-90
688833C2	NAVISTAR	7.6	DT466B & C	B	466	L 6	80-90
688833C2	NAVISTAR	7.6	DT466C	C	466	L 6	88-90
690335	DAIHATSU	1.0	CHARADE	CB	61	L 3	88-92
6908	HONDA	2.0	ACCORD	A20A1	119	L 4	87-89
6908	HONDA	2.0	ACCORD	A20A3	119	L 4	87-89
694543	GM	7.5	No Model	W	455	V 8	72-75
695318	GM	7.0	No Model	L	427	V 8	66-90
695318	GM	7.1	No Model	V6	432	V 6	70-73

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
696031	GM	7.0	No Model	L	427	V 8	66-90
696031	GM	7.1	No Model	V6	432	V 6	70-73
696032	GM	5.8	No Model	C	351	V 6	65-72
696032	GM	7.1	No Model	V6	432	V 6	70-73
696032	GM	7.8	No Model		478	V 6	65-77
696046	GM	6.2	No Model		379	V 6	73-76
69717	NAVISTAR	3.6	No Model		220	L 6	50-62
69717	NAVISTAR	3.9	BLACK DIAMOND		240	L 6	63-69
69717R	NAVISTAR	3.6	No Model		220	L 6	50-62
69717R	NAVISTAR	3.9	BLACK DIAMOND		240	L 6	63-69
69717R/R1	NAVISTAR	3.6	No Model		220	L 6	50-62
69717R/R1	NAVISTAR	4.3	400		264	L 6	63-74
6A	GM	5.0	No Model	9	307	V 8	87-90
6B4426	CATERPILLAR	8.6	D318		525	L 6	
6B4426	CATERPILLAR	8.6	D318(2)		525	L 6	
6B4427	CATERPILLAR	8.6	D318		525	L 6	
6B4427	CATERPILLAR	8.6	D318(2)		525	L 6	
6B5026	CATERPILLAR	5.1	955		312	L 4	
6B5026	CATERPILLAR	5.1	955		312	L 4	
6B5142	CATERPILLAR	13.6	7700		831	L 4	
6BD1	ISUZU	5.8	6BD1		353	L 6	76-88
6D3	MITSUBISHI	4.9	6D31T		301	L 6	89-93
6D50J	FORD	3.6	No Model	D	220	L 4	58-67
6F4831	CATERPILLAR	27.2	364		1662	V 8	
6F4831	CATERPILLAR	27.2	375		1662	V 8	
6F4831	CATERPILLAR	40.8	386		2492	V 12	
6F4831	CATERPILLAR	40.9	397		2493	V 12	
6F4919	CATERPILLAR	13.6	7700		831	L 4	
6F4919	CATERPILLAR	13.6	D339	1	831	L 4	
6F4919	CATERPILLAR	13.6	D339	2	831	L 4	
6F4919	CATERPILLAR	13.6	D339	3	831	L 4	
6F4919	CATERPILLAR	13.6	D339	4	831	L 4	
6F4919	CATERPILLAR	13.6	D339	5	831	L 4	
6F4919	CATERPILLAR	13.6	D7	1	831	L 4	
6F4919	CATERPILLAR	13.6	D7	2	831	L 4	
6F4923	CATERPILLAR	20.4	13000		1246	L 6	
6F4923	CATERPILLAR	20.4	D342	3	1246	L 6	
6F4923	CATERPILLAR	20.4	D8	1	1246	L 6	
6F4923	CATERPILLAR	20.4	D8	2	1246	L 6	
6F4923	CATERPILLAR	20.4	D8	4	1246	L 6	
6F4949	CATERPILLAR	13.6	7700		831	L 4	
6F6173	CATERPILLAR	13.6	7000		831	L 4	
6H	GM	6.6	FIREBIRD	S	400	V 8	67-79
6H	GM	6.6	No Model	P	400	V 8	72-75
6H	GM	6.6	No Model	R	400	V 8	74-75
6H	GM	6.6	No Model	S	400	V 8	75-75
6H	GM	6.6	No Model	T	400	V 8	72-77
6H	GM	6.6	No Model	Z	400	V 8	77-79
6H1795	CATERPILLAR	27.2	364		1662	V 8	
6H1795	CATERPILLAR	27.2	375		1662	V 8	
6H1795	CATERPILLAR	40.8	386		2492	V 12	
6H1795	CATERPILLAR	40.9	397		2493	V 12	
6H1796	CATERPILLAR	40.8	386		2492	V 12	
6H3171	CATERPILLAR	8.6	D318		525	L 6	
6H3171	CATERPILLAR	8.6	D318(2)		525	L 6	
6H6016	CATERPILLAR	27.2	364		1662	V 8	
6H6016	CATERPILLAR	27.2	375		1662	V 8	

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
6H6016	CATERPILLAR	40.8	386		2492	V 12	
6H6016	CATERPILLAR	40.9	397		2493	V 12	
6H6963	CATERPILLAR	24.1	353	C/B	1473	L 6	
6H8612	CATERPILLAR	8.6	D318		525	L 6	
6H8612	CATERPILLAR	8.6	D318(2)		525	L 6	
6H8727	CATERPILLAR	5.1	955		312	L 4	
6H8727	CATERPILLAR	5.1	955		312	L 4	
6L4407	CATERPILLAR	10.5	1673C	CB	638	L 6	
6L7200	CATERPILLAR	32.2	379		1964	V 8	
6L7200	CATERPILLAR	32.2	D379		1964	V 8	
6L7200	CATERPILLAR	48.3	398		2946	V 12	
6L7200	CATERPILLAR	48.8	D398		2976	V 12	
6L7200	CATERPILLAR	64.4	D399		3928	V 16	
6L7213	CATERPILLAR	48.3	398		2946	V 12	
6L7213	CATERPILLAR	48.8	D398		2976	V 12	
6M1795	CATERPILLAR	40.8	386		2492	V 12	
6M1795	CATERPILLAR	40.9	397		2493	V 12	
6N8015	CATERPILLAR	7.0	3304	CB	425	L 4	
6N8015	CATERPILLAR	7.0	3304	SP	425	L 4	
6N8016	CATERPILLAR	7.0	3304	CB	425	L 4	
6N8016	CATERPILLAR	7.0	3304	SP	425	L 4	
6N8821	CATERPILLAR	7.0	3304	CB	425	L 4	
6N8821	CATERPILLAR	7.0	3304	SP	425	L 4	
6N8864	CATERPILLAR	7.0	3304	CB	425	L 4	
6N8864	CATERPILLAR	7.0	3304	SP	425	L 4	
6N8872	CATERPILLAR	7.0	3304	CB	425	L 4	
6N8872	CATERPILLAR	7.0	3304	SP	425	L 4	
6N8873	CATERPILLAR	7.0	3304	CB	425	L 4	
6N8873	CATERPILLAR	7.0	3304	SP	425	L 4	
6N8874	CATERPILLAR	7.0	3304	CB	425	L 4	
6N8877	CATERPILLAR	10.5	3306	CB	638	L 6	
6N9466	CATERPILLAR	14.6	3406		893	L 6	
6N9466	CATERPILLAR	14.6	3406	B	893	L 6	
6N9466	CATERPILLAR	14.6	3406	SP	893	L 6	
6N9972	CATERPILLAR	27.0	3412		1649	V 12	
6N9973	CATERPILLAR	27.0	3412		1649	V 12	
6N9976	CATERPILLAR	18.0	3408		1099	V 8	
6N9976	CATERPILLAR	18.0	D8L		1099	V 8	
6N9977	CATERPILLAR	18.0	3408		1099	V 8	
6N9977	CATERPILLAR	18.0	D8L		1099	V 8	
6R	NISSAN	2.4	PATHFINDER	Z24I	146	L 4	86-90
6VD1-W	HONDA	3.2	PASSPORT	W	193	V 6	94-02
6VD1-W	ISUZU	3.2	TROOPER	W	193	V 6	92-04
6X	GM	6.6	FIREBIRD	S	400	V 8	67-79
6X	GM	6.6	No Model	P	400	V 8	72-75
6X	GM	6.6	No Model	R	400	V 8	74-75
6X	GM	6.6	No Model	S	400	V 8	75-75
6X	GM	6.6	No Model	T	400	V 8	72-77
6X	GM	6.6	No Model	Z	400	V 8	77-79
7	CHRYSLER	1.5	COLT	K	91	L 4	85-88
7	MITSUBISHI	1.5	MIRAGE	K	90	L 4	85-88
702	CHRYSLER	2.5	No Model	B	151	L 4	81-83
702	CHRYSLER	2.5	No Model	M	151	L 4	81-83
702	GM	2.5	No Model	2	151	L 4	82-86
702	GM	2.5	No Model	5	151	L 4	79-83
702	GM	2.5	No Model	F	151	L 4	82-83
702	GM	2.5	No Model	V	151	L 4	78-80

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
702	GM	7.0	No Model	L	427	V 8	66-90
70216	NISSAN	6.9	FE6		423	L 6	80-90
70216	NISSAN	6.9	FE6T		423	L 6	88-91
70216	NISSAN	6.9	FE6TA		423	L 6	92-97
703873	NAVISTAR	2.3	B275	D	144	L 4	
703873R	NAVISTAR	2.3	B275	D	144	L 4	
703873R3	NAVISTAR	2.3	B275	D	144	L 4	
70HM	FORD	2.0	PINTO	N	122	L 4	71-74
70HM	FORD	2.0	PINTO	X	122	L 4	74-74
70HM-6015NA	FORD	2.0	PINTO	N	122	L 4	71-74
70HM-6015NA	FORD	2.0	PINTO	X	122	L 4	74-74
70HM-6015-NA	FORD	2.0	PINTO	N	122	L 4	71-74
70HM-6015-NA	FORD	2.0	PINTO	X	122	L 4	74-74
70HM-NA	FORD	2.0	PINTO	N	122	L 4	71-74
70HM-NA	FORD	2.0	PINTO	X	122	L 4	74-74
70TM	FORD	2.6	CAPRI	P	159	V 6	72-73
70TM-KA	FORD	2.6	CAPRI	P	159	V 6	72-73
7119	CHRYSLER	4.0	No Model	S	242	L 6	91-97
711L	FORD	1.1	KSG 1.1		67	L 4	93-98
711L	FORD	1.6	INDUSTRIAL		98	L 4	78-93
711L	FORD	1.6	KSG 1.6		98	L 4	78-96
711M-AA	FORD	1.1	KSG 1.1		67	L 4	93-98
711M-AA	FORD	1.6	INDUSTRIAL		98	L 4	78-93
711M-AA	FORD	1.6	KSG 1.6		98	L 4	78-96
711M-AA	FORD	1.6	PINTO,CAPRI	W	98	L 4	70-73
711M-AA	FORD	1.6	PINTO,FESTIVA		98	L 4	76-80
711M-CA	FORD	1.1	KSG 1.1		67	L 4	93-98
711M-CA	FORD	1.6	INDUSTRIAL		98	L 4	78-93
711M-CA	FORD	1.6	KSG 1.6		98	L 4	78-96
711M-CA	FORD	1.6	PINTO,CAPRI	W	98	L 4	70-73
711M-CA	FORD	1.6	PINTO,FESTIVA		98	L 4	76-80
712	NISSAN	1.6	No Model	R16	98	L 4	66-68
712	NISSAN	1.6	No Model	R16	98	L 4	69-70
7120	CHRYSLER	4.0	No Model	S	242	L 6	91-97
7144	SAAB	2.0	No Model	B202	121	L 4	86-94
7144	SAAB	2.0	No Model	L	121	L 4	84-92
7145	SAAB	2.0	No Model	B202	121	L 4	86-94
71706	GM	2.3	VEGA	A	140	L 4	76-77
71706	GM	2.3	VEGA	B	140	L 6	76-77
71706	GM	2.3	VEGA	V	140	L 4	71-76
718	PORSCHE	1.6	912	356C	97	H 4	60-69
7206N	MITSUBISHI	1.0	K3D		60	L 3	
722	GM	6.6	FIREBIRD	S	400	V 8	67-79
723930	SUBARU	2.2	LEGACY	6,7	135	H 4	91-94
723GB2666	MACK	14.2	864		864	V 8	
723GB5209C	MACK	14.2	864		864	V 8	
7319K	NISSAN	1.3	No Model	A13	79	L 4	74
732GB	MACK	11.0	E6		672	L 6	58-89
732GB	MACK	11.0	E6-4VH		672	L 6	88-97
732GB23696B	MACK	11.7	711		711	L 6	
732GB23696B	MACK	12.0	E7		728	L 6	89-02
732GB2594A	MACK	7.6	465		465	L 6	64-67
732GB2695F	MACK	11.0	673		672	L 6	
732GB2696	MACK	11.7	711		711	L 6	
732GB2696	MACK	12.0	E7		728	L 6	89-02
732GB2760D	MACK	14.2	865		865	V 8	
732GB2760F	MACK	14.2	865		865	V 8	

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
732GB2861	MACK	11.1	675		675	L 6	
732GB2861	MACK	11.1	676		676	L 6	
732GB2972B	MACK	14.2	864		864	V 8	
732GB4464M	MACK	12.0	E7		728	L 6	89-02
732GB4468M	MACK	12.0	E7		728	L 6	89-02
732GB4976	MACK	11.0	672		672	L 6	
732GB4976	MACK	11.0	E6		672	L 6	58-89
732GB4976	MACK	11.0	E6-4VH		672	L 6	88-97
732GB5105A	MACK	8.4	510		510	L 6	50-53
732GB5153	MACK	11.0	673		672	L 6	
732GB5158	MACK	8.4	510		510	L 6	50-53
732GB5158	MACK	11.0	672		672	L 6	
732GB519	MACK	11.0	672		672	L 6	
732GB519	MACK	11.0	E6		672	L 6	58-89
732GB5209C	MACK	14.2	865		865	V 8	
732GB5228	MACK	11.1	675		675	L 6	
732GB5231D	MACK	14.2	865		865	V 8	
732GB5255	MACK	11.1	676		676	L 6	
732GB5280	MACK	11.0	673		672	L 6	
732GB5280	MACK	11.0	E6		672	L 6	58-89
732GB5280	MACK	11.1	675		675	L 6	
732GB5280B	MACK	11.1	675		675	L 6	
732GB5280B	MACK	11.1	676		676	L 6	
732GB5292A	MACK	11.0	E6-4VH		672	L 6	88-97
732GB5292A	MACK	12.0	E7		728	L 6	89-02
732GB529A	MACK	11.0	E6		672	L 6	58-89
732GB529A	MACK	11.0	E6-4VH		672	L 6	88-97
732GB5311A	MACK	12.0	E7		728	L 6	89-02
732GB5320M	MACK	12.0	E7		728	L 6	89-02
732GB5326M2	MACK	12.0	E7		728	L 6	89-02
732GB5327M	MACK	12.0	E7		728	L 6	89-02
732GB53311A	MACK	12.0	E7		728	L 6	89-02
732GB5335M	MACK	12.0	E7		728	L 6	89-02
732GB5341	MACK	12.0	E-TECH		728	L 6	98-05
732GB5341M	MACK	12.0	E-TECH		728	L 6	98-05
741	GM	3.5	No Model		215	V 8	61-63
741	ROVER	3.5	No Model		217	V 8	79-87
741	ROVER	3.9	No Model	2	241	V 8	89-96
741022	CHRYSLER	2.2	No Model	A/J	134	L 4	42-71
741022	HENRY	2.2	No Model		134	L 4	53-71
741022	JEEP	2.2	No Model		134	L 4	53-71
741422	CHRYSLER	2.2	No Model	A/J	134	L 4	42-71
741422	HENRY	2.2	No Model		134	L 4	53-71
741422	JEEP	2.2	No Model		134	L 4	53-71
743F6090AAA	FORD	4.2	2701C	D	254	L 4	68-72
743F6090AAA	FORD	4.2	5000	D	256	L 4	72-78
743F6090AAA	FORD	4.2	BSD-442T		256	L 4	
743F-AAA	FORD	4.2	BSD-442		256	L 4	
746	GM	3.5	No Model		215	V 8	61-63
746	KUBOTA	0.8	V800-B		49	L 4	
74FT	FORD	2.6	CAPRI	P	159	V 6	72-73
74TM	FORD	2.8	CAPRI	Z	171	V 6	74-79
74TM	FORD	2.8	No Model	P	171	V 6	74
74TM	FORD	2.8	No Model	PX	171	V 6	75-77
74TM-AA	FORD	2.8	CAPRI	Z	171	V 6	74-79
74TM-AA	FORD	2.8	No Model	P	171	V 6	74
74TM-AA	FORD	2.8	No Model	PX	171	V 6	75-77

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
74TM-AB	FORD	2.8	CAPRI	Z	171	V 6	74-79
74TM-AB	FORD	2.8	No Model	P	171	V 6	74
74TM-AB	FORD	2.8	No Model	PX	171	V 6	75-77
74TM-BA	FORD	2.8	CAPRI	Z	171	V 6	74-79
74TM-BA	FORD	2.8	No Model	P	171	V 6	74
74TM-BA	FORD	2.8	No Model	PX	171	V 6	75-77
74TM-KA	FORD	2.8	CAPRI	Z	171	V 6	74-79
74TM-KA	FORD	2.8	No Model	P	171	V 6	74
74TM-KA	FORD	2.8	No Model	PX	171	V 6	75-77
75	GM	6.9	BONNEVILLE	P	421	V 8	61-66
75	GM	6.9	BONNEVILLE	P	421	V 8	61-66
750	GM	3.3	No Model	N	204	V 6	89-93
751	GM	3.3	No Model	N	204	V 6	89-93
751	GM	3.8	No Model	C	231	V 6	88
751	GM	3.8	No Model	C	231	V 6	88-91
758614	SAAB	2.3	No Model	M	140	L 4	90-95
75TM	FORD	2.8	CAPRI	Z	171	V 6	74-79
75TM	FORD	2.8	No Model	P	171	V 6	74
75TM	FORD	2.8	No Model	PX	171	V 6	75-77
75TM-AA	FORD	2.8	CAPRI	Z	171	V 6	74-79
75TM-AA	FORD	2.8	No Model	P	171	V 6	74
75TM-AA	FORD	2.8	No Model	PX	171	V 6	75-77
75TM-BA	FORD	2.8	BRONCO	S	171	V 6	83-86
75TM-HA	FORD	2.8	BRONCO	S	171	V 6	83-86
75TM-HA	FORD	2.8	CAPRI	Z	171	V 6	74-79
75TM-HA	FORD	2.8	No Model	P	171	V 6	74
75TM-HA	FORD	2.8	No Model	PX	171	V 6	75-77
75TM-KA	FORD	2.8	CAPRI	Z	171	V 6	74-79
76	GM	6.9	BONNEVILLE	P	421	V 8	61-66
76	GM	6.9	BONNEVILLE	P	421	V 8	61-66
76124	GM	1.6	LE MANS	6	98	L 4	88-90
767	GM	2.5	FIERO	R	151	L 4	83-86
767	GM	2.5	No Model	2	151	L 4	82-86
767	GM	2.5	No Model	5	151	L 4	79-83
767	GM	2.5	No Model	E	151	L 4	85-87
767	GM	2.5	No Model	R	151	L 4	82-83
767	GM	2.5	No Model	U	151	L 4	85-86
76769R-1	NAVISTAR	3.8	No Model	GRD	233	L 6	41-58
77	GM	6.9	BONNEVILLE	P	421	V 8	61-66
77	GM	6.9	BONNEVILLE	P	421	V 8	61-66
770053018	RENAULT	1.1	No Model	R688	67	L 4	
7700597415	RENAULT	1.6	18I		101	L 4	81-84
7704454	FIAT	1.6	No Model	25B	98	L 4	73
7704454	FIAT	1.6	No Model	32A	96	L 4	73-74
7709	GM	5.7	No Model	N	350	V 8	78-80
7709	GM	5.7	No Model	N	350	V 8	81-85
7709	GM	5.7	No Model	Z	350	V 8	80
7709	GM	5.7	No Model	Z	350	V 8	80-81
771F-AA	FORD	1.6	PINTO,FESTIVA		98	L 4	76-80
771M-AA	FORD	1.1	KSG 1.1		67	L 4	93-98
771M-AA	FORD	1.6	INDUSTRIAL		98	L 4	78-93
771M-AA	FORD	1.6	KSG 1.6		98	L 4	78-96
771M-AA	FORD	1.6	PINTO,CAPRI	W	98	L 4	70-73
771M-AA	FORD	1.6	PINTO,FESTIVA		98	L 4	76-80
771M-CA	FORD	1.1	KSG 1.1		67	L 4	93-98
771M-CA	FORD	1.6	INDUSTRIAL		98	L 4	78-93
771M-CA	FORD	1.6	KSG 1.6		98	L 4	78-96

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
771M-CA	FORD	1.6	PINTO,CAPRI	W	98	L 4	70-73
771M-CA	FORD	1.6	PINTO,FESTIVA		98	L 4	76-80
771M-FA	FORD	1.1	KSG 1.1		67	L 4	93-98
771M-FA	FORD	1.6	INDUSTRIAL		98	L 4	78-93
771M-FA	FORD	1.6	KSG 1.6		98	L 4	78-96
771M-FA	FORD	1.6	PINTO,CAPRI	W	98	L 4	70-73
771M-FA	FORD	1.6	PINTO,FESTIVA		98	L 4	76-80
7750405	CHRYSLER	3.3	CONCORDE	T	201	V 6	93-97
7750405	CHRYSLER	3.3	No Model	J	201	V 6	94-98
7750405	CHRYSLER	3.3	No Model	U	201	V 6	94-97
7750405	CHRYSLER	3.3	TOWN & COUNTRY	R	201	V 6	90-02
7750405	CHRYSLER	3.8	No Model	L	231	V 6	91-00
77721-A	NISSAN	2.0	H20		121	L 4	77-92
77721-A	NISSAN	2.0	U20		121	L 4	67-70
77TM	FORD	3.3	No Model	T	200	L 6	63-79
77TM-BA	FORD	2.8	CAPRI	Z	171	V 6	74-79
77TM-BA	FORD	2.8	No Model	P	171	V 6	74
77TM-BA	FORD	2.8	No Model	PX	171	V 6	75-77
780	CHRYSLER	5.9	No Model	TRK	361	V 8	57-78
780	CHRYSLER	6.3	No Model		383	V 8	59-71
782	NISSAN	2.0	H20		121	L 4	77-92
785	CHRYSLER	7.2	No Model		440	V 8	76-76
786	CHRYSLER	7.2	No Model		440	V 8	76-76
79	NISSAN	2.8	280ZX	L28E	168	L 6	81-83
79089	NAVISTAR	3.8	No Model	GRD	233	L 6	41-58
7940101551	VOLVO	2.7	B27F	65	163	V 6	76-79
7940101701	PEUGEOT	2.3	No Model	XD	141	L 4	85-88
7940102521	VOLVO	2.7	B27F	65	163	V 6	76-79
7940102641	CATERPILLAR	2.5	VC40D	D	152	L 4	
7940102641	PEUGEOT	2.5	No Model	D	152	L 4	85-88
7940102662	PEUGEOT	2.3	No Model	XD	141	L 4	85-88
7940102663	PEUGEOT	2.3	No Model	XD	141	L 4	85-88
7940103012	PEUGEOT	2.3	No Model		141	L 4	77-81
7940103012	PEUGEOT	2.3	No Model	XD	141	L 4	85-88
7940103110	VOLVO	2.8	760	69	173	V 6	80-91
7940103111	VOLVO	2.8	760	69	173	V 6	80-91
7940103120	VOLVO	2.8	760	69	173	V 6	80-91
7940103121	VOLVO	2.8	760	69	173	V 6	80-91
7946000197F	CHRYSLER	3.0	No Model	EAGLE	184	V 6	89-92
7946000197F	CHRYSLER	3.0	No Model	J	184	V 6	88
7946000203F	CHRYSLER	3.0	No Model	EAGLE	184	V 6	89-92
7A	GM	5.0	No Model	9	307	V 8	87-90
7B2415	CATERPILLAR	8.6	D318		525	L 6	
7B2415	CATERPILLAR	8.6	D318(2)		525	L 6	
7B2416	CATERPILLAR	5.1	955		312	L 4	
7B2416	CATERPILLAR	5.1	955		312	L 4	
7B2416	CATERPILLAR	8.6	D318		525	L 6	
7B2416	CATERPILLAR	8.6	D318(2)		525	L 6	
7B2417	CATERPILLAR	5.1	955		312	L 4	
7B2417	CATERPILLAR	5.1	955		312	L 4	
7B2451	CATERPILLAR	8.6	D318		525	L 6	
7B2451	CATERPILLAR	8.6	D318(2)		525	L 6	
7B596	CATERPILLAR	4.1	D311H		252	L 4	
7B9160	CATERPILLAR	13.6	7700		831	L 4	
7B9160	CATERPILLAR	13.6	D339	1	831	L 4	
7B9160	CATERPILLAR	13.6	D339	2	831	L 4	
7B9160	CATERPILLAR	13.6	D339	3	831	L 4	

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
7B9160	CATERPILLAR	13.6	D339	4	831	L 4	
7B9160	CATERPILLAR	13.6	D339	5	831	L 4	
7B9160	CATERPILLAR	13.6	D7	1	831	L 4	
7B9160	CATERPILLAR	13.6	D7	2	831	L 4	
7C	HYUNDAI	1.8	ELANTRA	M	112	L 4	93-99
7C	HYUNDAI	2.0	SONATA	F	122	L 4	92-03
7C	HYUNDAI	2.0	SONATA	F	122	L 4	92-98
7C30A	FORD	1.1	KSG 1.1		67	L 4	93-98
7C30A	FORD	1.6	INDUSTRIAL		98	L 4	78-93
7C30A	FORD	1.6	KSG 1.6		98	L 4	78-96
7C30A	FORD	1.6	PINTO,FESTIVA		98	L 4	76-80
7C3904	CATERPILLAR	7.0	3304	DI	425	L 4	
7C3906	CATERPILLAR	10.5	3306	DI	638	L 6	
7C3906	CATERPILLAR	10.5	3306	SP	638	L 6	
7E652	ROVER	3.9	No Model	2	241	V 8	89-96
7E652	ROVER	4.0	No Model	97	241	V 8	97-00
7F3764	CATERPILLAR	5.1	955		312	L 4	
7F3764	CATERPILLAR	5.1	955		312	L 4	
7F6	GM	7.5	No Model	P	455	V 8	70-76
7F6	GM	7.5	No Model	W	455	V 8	71-76
7F6	GM	7.5	No Model	X & Y	455	V 8	71-76
7F7878	CATERPILLAR	8.6	D318		525	L 6	
7F7878	CATERPILLAR	8.6	D318(2)		525	L 6	
7F8306	CATERPILLAR	4.1	D311H		252	L 4	
7H1	GM	5.7	No Model	K	350	V 8	70-75
7H1895	CATERPILLAR	12.2	D326		744	L 6	
7H1895	CATERPILLAR	12.2	D337		744	L 6	
7H1896	CATERPILLAR	5.7	D330	CB	350	L 4	
7H1896	CATERPILLAR	7.0	D330C	CB	425	L 4	
7H1896	CATERPILLAR	7.0	D330C	SP	425	L 4	
7H3469	CATERPILLAR	4.1	D311H		252	L 4	
7H3469	CATERPILLAR	5.1	955		312	L 4	
7H3469	CATERPILLAR	5.1	955		312	L 4	
7H3503	CATERPILLAR	8.6	D318		525	L 6	
7H3503	CATERPILLAR	8.6	D318(2)		525	L 6	
7HA	FORD	3.7	No Model		226	L 6	47-52
7HA	FORD	3.7	No Model	1	226	L 6	41-47
7J2	GM	6.6	FIREBIRD	S	400	V 8	67-79
7K3	GM	6.6	FIREBIRD	S	400	V 8	67-79
7L4	GM	5.7	No Model	P	350	V 8	68-77
7L4	GM	7.5	No Model	P	455	V 8	70-76
7L4	GM	7.5	No Model	W	455	V 8	71-76
7L4	GM	7.5	No Model	X & Y	455	V 8	71-76
7L4395	CATERPILLAR	10.5	1673C	CB	638	L 6	
7L566	CATERPILLAR	10.5	1673C	CB	638	L 6	
7L568	CATERPILLAR	7.0	D330C	CB	425	L 4	
7L568	CATERPILLAR	7.0	D330C	SP	425	L 4	
7L869	CATERPILLAR	10.5	1673C	CB	638	L 6	
7L869	CATERPILLAR	10.5	333	G	638	L 6	
7M2130	CATERPILLAR	5.7	D330	CB	350	L 4	
7M3	GM	7.5	No Model	X & Y	455	V 8	71-76
7M4	GM	7.5	No Model	P	455	V 8	70-76
7M4	GM	7.5	No Model	W	455	V 8	71-76
7M4	GM	7.5	No Model	W	455	V 8	71-76
7M5	GM	7.5	No Model	P	455	V 8	70-76
7M5	GM	7.5	No Model	W	455	V 8	71-76
7M5	GM	7.5	No Model	X & Y	455	V 8	71-76

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
7M7700	CATERPILLAR	24.1	353		1473	L 6	
7M7700	CATERPILLAR	24.1	353	C/B	1473	L 6	
7M7700	CATERPILLAR	24.1	D9		1473	L 6	
7M8149	CATERPILLAR	12.2	D326		744	L 6	
7M8149	CATERPILLAR	12.2	D337		744	L 6	
7N0845	CATERPILLAR	27.0	3412		1649	V 12	
7N0855	CATERPILLAR	18.0	3408		1099	V 8	
7N0855	CATERPILLAR	18.0	D8L		1099	V 8	
7N0858	CATERPILLAR	18.0	3408		1099	V 8	
7N0858	CATERPILLAR	18.0	D8L		1099	V 8	
7N1110	CATERPILLAR	7.0	3304	CB	425	L 4	
7N1110	CATERPILLAR	7.0	3304	SP	425	L 4	
7N1300	CATERPILLAR	14.6	3406		893	L 6	
7N1300	CATERPILLAR	14.6	3406	B	893	L 6	
7N1300	CATERPILLAR	14.6	3406	SP	893	L 6	
7N3031	CATERPILLAR	24.1	353		1473	L 6	
7N3031	CATERPILLAR	24.1	353	C/B	1473	L 6	
7N3031	CATERPILLAR	24.1	D9		1473	L 6	
7N3480	CATERPILLAR	20.4	13000		1246	L 6	
7N3480	CATERPILLAR	20.4	D342	1	1246	L 6	
7N3480	CATERPILLAR	20.4	D342	4	1246	L 6	
7N3480	CATERPILLAR	20.4	D8	5	1246	L 6	
7N3480	CATERPILLAR	20.4	D8K	1	1246	L 6	
7N6338	CATERPILLAR	24.1	353		1473	L 6	
7N6338	CATERPILLAR	24.1	353	C/B	1473	L 6	
7N6338	CATERPILLAR	24.1	D9		1473	L 6	
7N6357	CATERPILLAR	20.4	13000		1246	L 6	
7N6357	CATERPILLAR	20.4	D342	2	1246	L 6	
7N6357	CATERPILLAR	20.4	D342	5	1246	L 6	
7N6357	CATERPILLAR	20.4	D8	3	1246	L 6	
7N6357	CATERPILLAR	20.4	D8	6	1246	L 6	
7N6357	CATERPILLAR	20.4	D8K	2	1246	L 6	
7N6359	CATERPILLAR	20.4	13000		1246	L 6	
7N6359	CATERPILLAR	20.4	G342		1246	L 6	
7N6359	CATERPILLAR	20.4	G342	1	1246	L 6	
7N845	CATERPILLAR	27.0	3412		1649	V 12	
7N8514	CATERPILLAR	7.0	3304	CB	425	L 4	
7N8514	CATERPILLAR	7.0	3304	SP	425	L 4	
7N8516	CATERPILLAR	10.5	3306	CB	638	L 6	
7N8524	CATERPILLAR	7.0	3304	CB	425	L 4	
7N8526	CATERPILLAR	10.5	3306	CB	638	L 6	
7N8526	CATERPILLAR	10.5	3306	SP	638	L 6	
7N8856	CATERPILLAR	10.5	3306	DI	638	L 6	
7N8856	CATERPILLAR	10.5	3306	SP	638	L 6	
7N8866	CATERPILLAR	10.5	3306	DI	638	L 6	
7N8866	CATERPILLAR	10.5	3306	SP	638	L 6	
7N9200	CATERPILLAR	19.5	D346		1191	V 8	
7N9200	CATERPILLAR	19.5	D346	1	1191	V 8	
7N9200	CATERPILLAR	19.5	D346	2	1191	V 8	
7N9295	CATERPILLAR	19.5	D346		1191	V 8	
7N9295	CATERPILLAR	19.5	D346	1	1191	V 8	
7N9295	CATERPILLAR	19.5	D346	2	1191	V 8	
7N9302	CATERPILLAR	39.0	D349		2382	V 16	
7N9532	CATERPILLAR	29.3	348		1786	V 12	
7N9532	CATERPILLAR	29.3	D348		1786	V 12	
7N9540	CATERPILLAR	29.3	348		1786	V 12	
7N9540	CATERPILLAR	29.3	348		1786	V 12	

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
7N9540	CATERPILLAR	29.3	D348		1786	V 12	
7S2222	CATERPILLAR	7.0	D330C	CB	425	L 4	
7S2222	CATERPILLAR	7.0	D330C	SP	425	L 4	
7S7069	CATERPILLAR	10.5	1673C	CB	638	L 6	
7S7070	CATERPILLAR	7.0	D330C	CB	425	L 4	
7S7070	CATERPILLAR	7.0	D330C	SP	425	L 4	
7W0006	CATERPILLAR	14.6	3406	B	893	L 6	
7W1708	CATERPILLAR	18.0	3408		1099	V 8	
7W1708	CATERPILLAR	18.0	D8L		1099	V 8	
7W1712	CATERPILLAR	27.0	3412		1649	V 12	
7W2200	CATERPILLAR	14.6	3406		893	L 6	
7W2200	CATERPILLAR	14.6	3406	B	893	L 6	
7W2200	CATERPILLAR	14.6	3406	SP	893	L 6	
7W3277	CATERPILLAR	6.6	3116		403	L 6	89-95
7W8306	CATERPILLAR	10.5	3306	SP	638	L 6	
7W9389X	CATERPILLAR	5.2	3204	DI(2)	318	L 4	
7X	MITSUBISHI	0.9	K3B		52	L 3	
8	HYUNDAI	1.6	ELANTRA	R	97	L 4	92-95
800257	ALLIS CHALMERS	2.5	153	G	153	L 4	
80110	NAVISTAR	2.6	No Model		161	L 6	52-62
8034A	MAZDA	1.5	D5FE	D5	90	L 4	84-86
8043	NAVISTAR	2.5	No Model	C	152	L 4	
8043	NAVISTAR	2.7	300, 300HC	C(1)	169	L 4	
8043DC	NAVISTAR	2.5	No Model	C	152	L 4	
8060	NAVISTAR	4.1	M	C	248	L 4	
8060	NAVISTAR	4.1	M	C	248	L 4	61-68
8060-DB	NAVISTAR	4.3	T4, T6, T9, 656, SUPER M,	C	264	L 4	50-62
8060DC	NAVISTAR	4.1	M	C	248	L 4	
8064	NAVISTAR	7.5	TD-14		461	L 4	
8064D	NAVISTAR	7.5	TD-14		461	L 4	
8064DA	NAVISTAR	7.5	TD-14		461	L 4	
807	CHRYSLER	2.2	No Model	A/J	134	L 4	42-71
807	HENRY	2.2	No Model		134	L 4	53-71
807	JEEP	2.2	No Model		134	L 4	53-71
8086	MAZDA	2.0	626	M	120	L 4	79-84
8086	MAZDA	2.0	626	MA	120	L 4	84-87
8086	MAZDA	2.0	B2000	MA	120	L 4	82-84
8086	MAZDA	2.0	B2000	MA	120	L 4	84-86
8086	MAZDA	2.0	No Model	MA	120	L 4	81-81
809	GM	6.6	FIREBIRD	S	400	V 8	67-79
8096	RENAULT	1.4	LE CAR		85	L 4	80-84
8101	NAVISTAR	5.5	WD9, WDR9	D	335	L 4	
8101	NAVISTAR	5.7	TD-9, 600, 650, SUPER	D	350	L 4	
8101D	NAVISTAR	5.5	TD-9A		335	L 4	
8101D	NAVISTAR	5.5	W9, TD-9A, T-9	G	335	L 4	
8120136	CHRYSLER	4.2	No Model	C	258	L 6	70-83
8120136	CHRYSLER	4.2	No Model	C	258	L 6	83-89
8120136	CHRYSLER	4.2	No Model	C(2)	258	L 6	83-89
8122375	CHRYSLER	4.2	No Model	C	258	L 6	70-83
8122375	CHRYSLER	4.2	No Model	C	258	L 6	83-89
8122375	CHRYSLER	4.2	No Model	C(2)	258	L 6	83-89
8124	MAZDA	1.4	GLC SEDAN	U	86	L 4	79-80
8124	MAZDA	1.4	GLC WAGON	U	86	L 4	79-80
8134	GM	3.8	No Model	1	231	V 6	95-05
8134	GM	3.8	No Model	K	231	V 6	95-04
8134	GM	3.8	No Model	L	231	V 6	95-01
814	MG	1.5	MIDGET	A	91	L 4	75-80

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
814	MG	1.6	MARK II	C	99	L 4	61-62
81711	GM	1.8	CHEVETTE	D	111	L 4	81-86
8183153540	MACK	7.8	475		475	L 6	
8183153540	SCANIA	0.0	475		0	L 6	
819	GM	3.5	No Model		215	V 8	61-63
819	GM	4.4	No Model	J	267	V 8	79-82
81SM	FORD	1.6	ESCORT	5	98	L 4	83-85
81SM	FORD	1.6	ESCORT	7	98	L 4	83-85
81SM	FORD	1.6	ESCORT,TURBO	8	98	L 4	83-85
81SM-A4E	FORD	1.6	ESCORT	2	98	L 4	81-82
81SM-A8E	FORD	1.6	ESCORT	2	98	L 4	81-82
82001	GM	1.0	SPRINT	5	61	L 3	86-88
82001	GM	1.0	SPRINT	M	61	L 3	85
8228	NAVISTAR	4.1	M	D	248	L 4	
8228	NAVISTAR	4.3	No Model	D	264	L 4	50-62
8228	NAVISTAR	4.3	T4, T6, T9, 656, SUPER M,	C	264	L 4	50-62
8228D	NAVISTAR	4.1	M	D	248	L 4	
8228DF	NAVISTAR	4.1	M	D	248	L 4	
824	GM	6.6	FIREBIRD	S	400	V 8	67-79
824	VOLVO	2.0	No Model	B20F	121	L 4	74-75
825	TOYOTA	2.2	No Model	L	134	L 4	81-83
826	KOMATSU	8.5	130		518	L 4	
827068	VOLVO	2.3	AQ131	AQ	141	L 4	74-74
82916	NAVISTAR	5.9	No Model		361	L 6	49-69
82916	NAVISTAR	6.1	WD-9		372	L 6	49-69
82916	NAVISTAR	6.6	WD-9		401	L 6	49-69
82916	NAVISTAR	6.7	WD-9		406	L 6	49-69
82916	NAVISTAR	7.4	WD-9		450	L 6	49-69
82916	NAVISTAR	8.2	No Model		501	L 6	49-69
82916R	NAVISTAR	5.9	No Model		361	L 6	49-69
82916R	NAVISTAR	6.1	WD-9		372	L 6	49-69
82916R	NAVISTAR	6.6	WD-9		401	L 6	49-69
82916R	NAVISTAR	6.7	WD-9		406	L 6	49-69
82916R	NAVISTAR	7.4	WD-9		450	L 6	49-69
82916R	NAVISTAR	8.2	No Model		501	L 6	49-69
830	FORD	1.6	TRACER	5	98	L 4	87-92
830	MAZDA	1.6	323	B6	97	L 4	87-92
830	MAZDA	1.6	323	B6	97	L 4	93-94
8320	NAVISTAR	5.5	W9, TD-9A, T-9	G	335	L 4	
8320	NAVISTAR	6.1	W9, TD9	G	370	L 4	
8320D	NAVISTAR	5.5	W9, TD-9A, T-9	G	335	L 4	
8320D	NAVISTAR	5.7	No Model	G	350	L 4	
8320DB	NAVISTAR	5.7	No Model	G	350	L 4	
8341149	GM	4.8	No Model	T	292	L 6	78-90
83413990	GM	4.8	No Model	T	292	L 6	78-90
835409	GM	3.5	No Model		216	L 6	37-52
835501	GM	3.2	No Model	AC	194	L 6	29-32
835503	GM	3.2	No Model	AC	194	L 6	29-32
836273	GM	3.2	No Model	AC	194	L 6	29-32
8366270	SAAB	2.0	No Model	B201	121	L 4	78-89
836961	GM	3.5	No Model	OLD	206	L 6	29-38
836F6090EAC	FORD	6.0	ESD-660T	ESD	363	L 6	
837230	GM	3.5	No Model	OLD	206	L 6	29-38
837853	GM	3.5	No Model	OLD	206	L 6	29-38
837981	GM	3.5	No Model	OLD	206	L 6	29-38
838355	GM	3.5	No Model		216	L 6	37-52
838355	GM	3.5	No Model	OLD	206	L 6	29-38

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
838773	GM	3.5	No Model		216	L 6	37-52
8388270	SAAB	2.0	No Model	B201	121	L 4	78-89
83-8-947-0	GM	2.2	LUV	S	137	L 4	81-85
83-8-947-0	ISUZU	2.2	No Model	S	136	L 4	86-87
83-8-947-0	ISUZU	2.2	No Model	U	136	L 4	85-87
839401	GM	3.5	No Model		216	L 6	37-52
839751	GM	3.9	No Model		235	L 6	49-62
839910	GM	3.5	No Model		216	L 6	37-52
83TM	FORD	2.8	BRONCO	S	171	V 6	83-86
83TM-HA	FORD	2.8	BRONCO	S	171	V 6	83-86
83TM-HA	FORD	2.8	CAPRI	Z	171	V 6	74-79
83TM-KA	FORD	2.8	BRONCO	S	171	V 6	83-86
842455R6	NAVISTAR	4.3	No Model	D	264	L 4	50-62
8424S	GM	4.2	TRAILBLAZER	S	256	L 6	02-05
8440	CHRYSLER	1.4	No Model	D	85	L 4	81-87
8451	RENAULT	2.2	No Model		132	L 4	86-91
8-453-1	ISUZU	3.9	4BD2-TC	TURBO	235	L 4	85-99
846899	NAVISTAR	6.6	No Model	MV	404	V 8	80-86
846899	NAVISTAR	7.3	No Model	MV	446	V 8	74-82
84A	NISSAN	1.6	SENTRA	GA16I	97	L 4	89-90
84A-1006P	NISSAN	1.6	SENTRA	GA16I	97	L 4	89-90
85055	MACK	5.5	MIDR 06.02.12		335	L 6	84-89
851206	VOLVO	4.5	D45	D	273	L 4	
855	NISSAN	1.4	210	A14	85	L 4	81-82
8574	NAVISTAR	4.1	M	C	248	L 4	
8574	NAVISTAR	4.1	M	C	248	L 4	61-68
8574D	NAVISTAR	4.1	M	C	248	L 4	61-68
8574DC	NAVISTAR	4.1	M	C	248	L 4	
8574DC	NAVISTAR	4.1	M	C	248	L 4	61-68
8582	MAZDA	2.0	B2000	MA	120	L 4	82-84
862	GM	4.8	No Model	V	293	V 8	99-02
8636	NAVISTAR	4.1	M	C	248	L 4	
8636	NAVISTAR	4.1	M	C	248	L 4	61-68
863712	NAVISTAR	2.5	No Model		152	L 4	61-68
86411148	GM	4.8	No Model	T	292	L 6	63-73
86411148	GM	4.8	No Model	T	292	L 6	78-90
865	CHRYSLER	2.8	BARRACUDA		170	L 6	60-71
86586	PERKINS	3.9	236	A	236	L 4	
86586	PERKINS	3.9	236	D	236	L 4	
86586	PERKINS	3.9	236	D(1)	236	L 4	
8682	MAZDA	2.0	626	M	120	L 4	79-84
8682	MAZDA	2.0	626	MA	120	L 4	84-87
8682	MAZDA	2.0	B2000	MA	120	L 4	82-84
8682	MAZDA	2.0	B2000	MA	120	L 4	84-86
8694	NAVISTAR	4.3	T4, T6, T9, 656, SUPER M,	C	264	L 4	50-62
86BM-6090-CC	FORD	1.1	VSG-411		67	L 4	84-88
86K942	LEYLAND	1.6	4-98		98	L 4	70-80
86T	JOHN DEERE	3.6	2020	T	219	L 4	
86T	JOHN DEERE	3.6	2030	G	219	L 4	
86T	JOHN DEERE	3.6	454	D	219	L 4	
86TM	FORD	2.9	BRONCO	T	177	V 6	86-92
86TM	FORD	2.9	No Model	V	177	V 6	87-90
86TM-AJ	FORD	2.9	No Model	V	177	V 6	87-90
86TM-CA	FORD	2.9	BRONCO	T	177	V 6	86-92
86TM-CAE	FORD	2.9	BRONCO	T	177	V 6	86-92
86TM-CAE	FORD	2.9	No Model	V	177	V 6	87-90
86TM-CAG	FORD	2.9	BRONCO	T	177	V 6	86-92

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
86TM-CAG	FORD	2.9	No Model	V	177	V 6	87-90
86TM-CAH	FORD	2.9	BRONCO	T	177	V 6	86-92
86TM-CAH	FORD	2.9	No Model	V	177	V 6	87-90
86TM-CAJ	FORD	2.9	BRONCO	T	177	V 6	86-92
86TM-CAJ	FORD	2.9	No Model	V	177	V 6	87-90
86TM-DAG	FORD	2.9	No Model	V	177	V 6	87-90
8704	NAVISTAR	4.1	M	D	248	L 4	
8704DA	NAVISTAR	4.3	T4, T6, T9, 656, SUPER M,	C	264	L 4	50-62
8704DB	NAVISTAR	4.3	T4, T6, T9, 656, SUPER M,	C	264	L 4	50-62
8776	NAVISTAR	2.5	No Model	C	152	L 4	
8776	NAVISTAR	2.5	No Model	C	152	L 4	
8777	NAVISTAR	4.1	M	C	248	L 4	
8777	NAVISTAR	4.1	M	C	248	L 4	61-68
8778776	GM	5.3	No Model	P	326	V 8	63-67
8790	NAVISTAR	4.6	450	C	281	L 4	
881	AUSTIN	0.9	No Model		57	L 4	59-67
8817866	OLIVER	3.1	1355		191	L 4	
8817866	OLIVER	3.4	1365		210	L 4	
8818-0	GM	2.2	LUV	S	137	L 4	81-85
8818-0	ISUZU	2.2	No Model	S	136	L 4	86-87
8818-0	ISUZU	2.2	No Model	U	136	L 4	85-87
8822355	DDC	9.1	6V-92		552	V 6	
8847880	GM	4.8	No Model	T	292	L 6	63-73
8847880	GM	4.8	No Model	T	292	L 6	74-77
8847880	GM	4.8	No Model	T	292	L 6	78-90
889	AUSTIN	0.9	No Model		57	L 4	59-67
8921437	DDC	8.2	FUEL PINCHER		500	V 8	
8921437	DDC	8.2	FUEL PINCHER	D	500	V 8	80-89
8921437	GM	8.2	No Model	F	500	V 8	80-91
8921437	GM	8.2	No Model	G	500	V 8	80-91
8921470	DDC	8.2	FUEL PINCHER		500	V 8	
8921470	DDC	8.2	FUEL PINCHER	D	500	V 8	80-89
8921470	GM	8.2	No Model	F	500	V 8	80-91
8921470	GM	8.2	No Model	G	500	V 8	80-91
8921471	DDC	8.2	FUEL PINCHER		500	V 8	
8921471	DDC	8.2	FUEL PINCHER	D	500	V 8	80-89
8921471	GM	8.2	No Model	F	500	V 8	80-91
8921471	GM	8.2	No Model	G	500	V 8	80-91
8922747	DDC	8.2	FUEL PINCHER		500	V 8	
8922747	DDC	8.2	FUEL PINCHER	D	500	V 8	80-89
8922747	GM	8.2	No Model	F	500	V 8	80-91
8922747	GM	8.2	No Model	G	500	V 8	80-91
8922929	DDC	8.2	FUEL PINCHER		500	V 8	
8922929	DDC	8.2	FUEL PINCHER	D	500	V 8	80-89
8922929	GM	8.2	No Model	F	500	V 8	80-91
8922929	GM	8.2	No Model	G	500	V 8	80-91
8929413	DDC	11.1	60 SERIES		677	L 6	86-04
8929620	DDC	11.1	60 SERIES		677	L 6	86-04
8929872	DDC	12.7	60 SERIES		775	L 6	86-04
893	CHRYSLER	2.5	DAKOTA	P	150	L 4	91-02
893	CHRYSLER	2.5	No Model	E	150	L 4	89-93
893	CHRYSLER	2.5	No Model	H	150	L 4	86-88
893	CHRYSLER	2.5	No Model	U	150	L 4	84-86
8930072	OPEL	1.9	No Model	N	116	L 4	67-75
8933000	CHRYSLER	4.2	No Model	C	258	L 6	70-83
8933000	CHRYSLER	4.2	No Model	C	258	L 6	83-89
8933000	CHRYSLER	4.2	No Model	C(2	258	L 6	83-89

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
8933002	CHRYSLER	4.2	No Model	C	258	L 6	70-83
8933002	CHRYSLER	4.2	No Model	C	258	L 6	83-89
8933002	CHRYSLER	4.2	No Model	C(2	258	L 6	83-89
8-947-0	GM	2.2	LUV	S	137	L 4	81-85
8-947-0	ISUZU	2.2	No Model	S	136	L 4	86-87
8-947-0	ISUZU	2.2	No Model	U	136	L 4	85-87
895	CHRYSLER	5.9	No Model	A/J	360	V 8	70-79
895	CHRYSLER	5.9	No Model	F	360	V 8	77-79
895	CHRYSLER	5.9	No Model	F	360	V 8	80
89BM6090	FORD	1.1	VSG-411 (2)		67	L 4	89-92
89BM6090	FORD	1.3	VSG-413		79	L 4	84-89
89BM6090	FORD	1.3	VSG-413 (2)		79	L 4	89-92
89NN6090A	FORD	2.8	No Model	D	172	L 4	55-60
89TM	FORD	2.9	BRONCO	T	177	V 6	86-92
89TM	FORD	2.9	No Model	V	177	V 6	87-90
89TY-AC	FORD	3.8	No Model	3	232	V 6	82-87
8B890	CATERPILLAR	8.6	D318		525	L 6	
8B890	CATERPILLAR	8.6	D318(2)		525	L 6	
8B891	CATERPILLAR	5.1	955		312	L 4	
8B891	CATERPILLAR	5.1	955		312	L 4	
8BA	FORD	3.9	No Model		239	V 8	46-53
8CM	FORD	4.2	No Model	V8	256	V 8	44-55
8GF15872	GM	6.6	TRUCK	1	403	V 8	01-05
8H3 6R	NISSAN	2.5	ALTIMA		153	L 4	02-04
8H5980	CATERPILLAR	20.4	13000		1246	L 6	
8H5980	CATERPILLAR	20.4	D342	2	1246	L 6	
8H5980	CATERPILLAR	20.4	D342	5	1246	L 6	
8H8805	CATERPILLAR	4.1	D2		252	L 4	
8H8805	CATERPILLAR	4.1	D311H		252	L 4	
8H8805	CATERPILLAR	4.1	D320		252	L 4	
8H8805	CATERPILLAR	4.1	D320A		252	L 4	
8L5655	CATERPILLAR	10.5	333	G	638	L 6	
8L8957	CATERPILLAR	14.6	343	G	893	L 6	
8L8957	CATERPILLAR	14.6	G343		893	L 6	
8M100	CATERPILLAR	14.6	1693		893	L 6	
8M100	CATERPILLAR	14.6	1693	1	893	L 6	
8M100	CATERPILLAR	14.6	1693	2	893	L 6	
8M100	CATERPILLAR	14.6	1693	3	893	L 6	
8M100	CATERPILLAR	14.6	1693	4	893	L 6	
8M100	CATERPILLAR	14.6	343		893	L 6	
8M100	CATERPILLAR	14.6	D343		893	L 6	
8M100	CATERPILLAR	14.6	D343	1	893	L 6	
8M200	CATERPILLAR	9.8	340		597	L 4	
8M2100	CATERPILLAR	14.6	1693		893	L 6	
8M2100	CATERPILLAR	14.6	1693	1	893	L 6	
8M2100	CATERPILLAR	14.6	1693	2	893	L 6	
8M2100	CATERPILLAR	14.6	1693	3	893	L 6	
8M2100	CATERPILLAR	14.6	1693	4	893	L 6	
8M2100	CATERPILLAR	14.6	343		893	L 6	
8M2100	CATERPILLAR	14.6	D343		893	L 6	
8M2100	CATERPILLAR	14.6	D343	1	893	L 6	
8M660	CATERPILLAR	5.7	D330	CB	350	L 4	
8M660	CATERPILLAR	7.0	D330C	CB	425	L 4	
8M660	CATERPILLAR	7.0	D330C	SP	425	L 4	
8M670	CATERPILLAR	5.7	D330	CB	350	L 4	
8M670	CATERPILLAR	5.7	D330	D4	350	L 4	
8M670	CATERPILLAR	7.0	D330C	CB	425	L 4	

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
8M670	CATERPILLAR	7.0	D330C	SP	425	L 4	
8M680	CATERPILLAR	8.6	1673	CB	525	L 6	
8M680	CATERPILLAR	10.5	1673C	CB	638	L 6	
8M690	CATERPILLAR	8.6	D333	CB	525	L 6	
8M690	CATERPILLAR	10.5	1673C	CB	638	L 6	
8MTH	FORD	4.3	No Model	L	262	L 6	61-64
8N	FORD	2.0	TRACTORS, 2N,8N,9N,NAA	2N	120	L 4	39-54
8N11	GM	1.8	CHEVETTE	D	111	L 4	81-86
8N1188	CATERPILLAR	7.0	3304	CB	425	L 4	
8N1446	CATERPILLAR	10.5	3306	SP	638	L 6	
8N1454	CATERPILLAR	7.0	3304	CB	425	L 4	
8N404	CATERPILLAR	7.0	3304	CB	425	L 4	
8N404	CATERPILLAR	7.0	3304	SP	425	L 4	
8N4229	CATERPILLAR	20.4	13000		1246	L 6	
8N4229	CATERPILLAR	20.4	D342	2	1246	L 6	
8N4229	CATERPILLAR	20.4	D342	5	1246	L 6	
8N4229	CATERPILLAR	20.4	D8	3	1246	L 6	
8N4229	CATERPILLAR	20.4	D8	6	1246	L 6	
8N4229	CATERPILLAR	20.4	D8K	2	1246	L 6	
8N4230	CATERPILLAR	20.4	13000		1246	L 6	
8N4230	CATERPILLAR	20.4	G342		1246	L 6	
8N4230	CATERPILLAR	20.4	G342	1	1246	L 6	
8N4232	CATERPILLAR	24.1	353		1473	L 6	
8N4232	CATERPILLAR	24.1	353	C/B	1473	L 6	
8N4232	CATERPILLAR	24.1	D9		1473	L 6	
8N4674	CATERPILLAR	20.4	D342	1	1246	L 6	
8N4674	CATERPILLAR	20.4	D342	4	1246	L 6	
8N4674	CATERPILLAR	20.4	D8	5	1246	L 6	
8N4674	CATERPILLAR	20.4	D8K	1	1246	L 6	
8N4802	CATERPILLAR	10.5	3306	SP	638	L 6	
8N4874	CATERPILLAR	20.4	D342	2	1246	L 6	
8N4874	CATERPILLAR	20.4	D342	5	1246	L 6	
8N4874	CATERPILLAR	20.4	D8	3	1246	L 6	
8N4874	CATERPILLAR	20.4	D8	6	1246	L 6	
8N4874	CATERPILLAR	20.4	D8K	2	1246	L 6	
8N5215	CATERPILLAR	5.2	3204	DI	318	L 4	
8RT	FORD	3.9	No Model		239	V 8	46-53
8S3900	CATERPILLAR	29.3	348		1786	V 12	
8S3900	CATERPILLAR	29.3	D348		1786	V 12	
8S4200	CATERPILLAR	19.5	D346		1191	V 8	
8S4200	CATERPILLAR	19.5	D346	1	1191	V 8	
8S4200	CATERPILLAR	19.5	D346	2	1191	V 8	
8S6500	CATERPILLAR	10.5	1673C	CB	638	L 6	
8S6510	CATERPILLAR	10.5	1673C	CB	638	L 6	
8S6520	CATERPILLAR	10.5	1673C	CB	638	L 6	
8S6796	CATERPILLAR	39.0	D349		2382	V 16	
8S6797	CATERPILLAR	39.0	D349		2382	V 16	
8S6798	CATERPILLAR	39.0	D349		2382	V 16	
8S7110	CATERPILLAR	7.0	D330C	CB	425	L 4	
8S7110	CATERPILLAR	7.0	D330C	SP	425	L 4	
8S7130	CATERPILLAR	5.7	D330	CB	350	L 4	
8S7130	CATERPILLAR	7.0	D330C	CB	425	L 4	
8S7130	CATERPILLAR	7.0	D330C	SP	425	L 4	
9	CHRYSLER	1.5	COLT	A	91	L 4	90-96
9	CHRYSLER	1.5	COLT	K	91	L 4	85-88
9	CHRYSLER	1.5	COLT	X	91	L 4	89-90
9	MITSUBISHI	1.5	MIRAGE	A	92	L 4	90-99

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
9	MITSUBISHI	1.5	MIRAGE	K	90	L 4	85-88
9	MITSUBISHI	1.5	MIRAGE	X	90	L 4	89-90
9	MITSUBISHI	1.5	No Model	J	91	L 4	90-94
9	MITSUBISHI	1.5	PRECIS	J	90	L 4	87-89
90090536	GM	1.8	No Model	J	112	L 4	84-87
90090536	GM	1.8	No Model	O	112	L 4	82-87
90090536	GM	2.5	No Model	2	151	L 4	82-86
90090556	GM	1.8	No Model	J	112	L 4	84-87
90090556	GM	1.8	No Model	O	112	L 4	82-87
902098	GM	2.0	No Model	K	122	L 4	87-91
902098	GM	2.0	No Model	K	122	L 4	88-91
90209802	GM	2.0	SUNBIRD	H	122	L 4	90-95
90209830	GM	2.0	No Model	K	122	L 4	88-91
90209830	GM	2.0	No Model	M	122	L 4	88-90
90209830	GM	2.0	SUNBIRD	H	122	L 4	90-95
90209851	GM	2.0	No Model	K	122	L 4	87-91
90209851	GM	2.0	No Model	K	122	L 4	88-91
90209851	GM	2.0	No Model	M	122	L 4	87-90
90209851	GM	2.0	No Model	M	122	L 4	88-90
90209851	GM	2.0	SUNBIRD	H	122	L 4	90-95
90209859	GM	1.6	LE MANS	6	98	L 4	88-90
90209859	GM	1.6	LE MANS	6	98	L 4	91-93
90209859	GM	2.0	No Model	K	122	L 4	87-91
90209859	GM	2.0	No Model	K	122	L 4	88-91
90209859	GM	2.0	No Model	M	122	L 4	87-90
90209859	GM	2.0	No Model	M	122	L 4	88-90
90209896	GM	2.0	SUNBIRD	H	122	L 4	90-95
90400095	GM	2.0	SUNBIRD	H	122	L 4	90-95
90412231	SAAB	2.5	No Model	V	152	V 6	94-98
9052D	NAVISTAR	0.9	No Model		54	L 2	
9052DA	NAVISTAR	1.9	No Model		113	L 4	37-40
9052DA	NAVISTAR	4.4	U, B, BD		269	L 6	40-69
905574	JEEP	3.7	No Model		226	L 6	54-65
906	MG	0.4	No Model		27	L 4	66-68
90TM	FORD	4.0	No Model	X	244	V 6	90-02
90TM	MAZDA	4.0	B4000	X	244	V 6	90-98
90TM-6090-BE	FORD	4.0	No Model	X	244	V 6	90-02
90TM-BB	FORD	4.0	No Model	X	244	V 6	90-02
90TM-BE	FORD	4.0	No Model	X	244	V 6	90-02
90TM-BE	MAZDA	4.0	B4000	X	244	V 6	90-98
911104306	PORSCHE	2.0	911	911	121	H 6	65-69
9111043422R	PORSCHE	2.0	911	911	121	H 6	65-69
911535	SAAB	2.0	No Model	B202	121	L 4	86-94
911535	SAAB	2.1	No Model	E	129	L 4	91-93
915	CHRYSLER	7.2	No Model		440	V 8	76-76
9-17	TOYOTA	2.2	CELICA	20R	134	L 4	75-77
9-17	TOYOTA	2.2	CELICA	20R	134	L 4	78-80
9195	NAVISTAR	5.5	W9, TD-9A, T-9	G	335	L 4	
9195	NAVISTAR	5.7	No Model	G	350	L 4	
9195	NAVISTAR	6.1	W9, TD9	G	370	L 4	
9195D	NAVISTAR	5.5	W9, TD-9A, T-9	G	335	L 4	
9195D	NAVISTAR	5.7	No Model	G	350	L 4	
91A	FORD	3.6	No Model	2	221	V 8	37-45
91A	FORD	3.7	No Model		223	L 6	54-64
92063877R	DAEWOO	2.0	NUBIRA	Z	122	L 4	99-02
92063877R	HONDA	2.2	PASSPORT	D	134	L 4	98-00
92063877R	ISUZU	2.2	AMIGO	D	134	L 4	98-02

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
9210619	CATERPILLAR	10.3	3176		629	L 6	89-96
928067	JEEP	3.8	No Model		230	L 6	62-65
9281044112R	PORSCHE	5.0	928	V	302	V 8	85-86
9281044131R	PORSCHE	5.0	928	V	302	V 8	85-86
929041B	ISUZU	6.5	6BG1		396	L 6	88-94
929041B	ISUZU	6.5	6BG1-T		396	L 6	88-94
92N099	ISUZU	2.2	D201		136	L 4	
930102	PORSCHE	3.3	911	68	201	H 6	86-89
930970	SAAB	2.0	No Model	B201	121	L 4	78-89
9311043013R	PORSCHE	2.0	924	M3	121	L 4	80-82
93144	NISSAN	2.0	H20		121	L 4	77-92
9327185	GM	5.4	No Model	L	327	V 8	68-69
93400104	GM	4.8	No Model	T	292	L 6	63-73
93400104	GM	4.8	No Model	T	292	L 6	74-77
93400104	GM	4.8	No Model	T	292	L 6	78-90
93411149	GM	4.8	No Model	T	292	L 6	78-90
93413990	GM	4.8	No Model	T	292	L 6	78-90
93417369	GM	5.7	No Model	K	350	V 8	86-96
93417389	GM	5.7	No Model	K	350	V 8	86-96
936630	CHRYSLER	2.2	No Model	A/J	134	L 4	42-71
936630	HENRY	2.2	No Model		134	L 4	53-71
936630	JEEP	2.2	No Model		134	L 4	53-71
936718	GM	3.2	No Model	AC	194	L 6	29-32
936718	GM	3.5	No Model	OLD	206	L 6	29-38
938	CHRYSLER	3.2	No Model	A/J	196	L 6	53-65
938028	JEEP	3.8	No Model		230	L 6	62-65
93TM	MAZDA	4.0	B4000	X	244	V 6	90-98
93TM-AA	FORD	4.0	No Model	X	244	V 6	90-02
93TM-AA	MAZDA	4.0	B4000	X	244	V 6	90-98
94	GM	5.7	No Model	P	350	V 8	68-77
940	AUSTIN	0.9	No Model		57	L 4	59-67
9430002821	CATERPILLAR	2.0	VC60		120	L 4	
9430003221	PEUGEOT	2.2	No Model		132	L 4	85-90
9430004021	PEUGEOT	2.0	No Model	XN6	120	L 4	80-87
9441043036R	PORSCHE	2.5	944	45H	151	L 4	86-91
944-1043036R	PORSCHE	2.5	924S	42	151	L 4	87-88
944-1043036R	PORSCHE	2.5	944	43D	151	L 4	82-88
944-1043037R	PORSCHE	2.5	944	43D	151	L 4	82-88
944-1043038R	PORSCHE	2.5	924S	42	151	L 4	87-88
944-1043038R	PORSCHE	2.5	944	43D	151	L 4	82-88
944-1044133R	PORSCHE	2.5	924S	42	151	L 4	87-88
944-1044133R	PORSCHE	2.5	944	43D	151	L 4	82-88
944104413ER	PORSCHE	2.5	944S	45J	151	L 4	87-88
9472500401	CATERPILLAR	2.5	VC40D	D	152	L 4	
9472500401	CATERPILLAR	2.5	VC40D	D	152	L 4	
9472500401	CATERPILLAR	2.5	XD3P		153	L 4	
948M6090R12	FORD	2.0	CONTOUR	3	122	L 4	95-05
948M-6090R12	FORD	2.0	CONTOUR	3	122	L 4	95-05
9511043031R	PORSCHE	2.5	944	45H	151	L 4	86-91
9511043031R	PORSCHE	2.5	944	46	151	L 4	88
9511043031R	PORSCHE	2.5	944	47	151	L 4	89
9530N	MITSUBISHI	11.2	6D22		680	L 6	92-95
958103373A	AUDI	1.8	No Model	AEB	109	L 4	96-03
95TM-AD	FORD	4.0	No Model	X	244	V 6	90-02
95TM-AD	MAZDA	4.0	B4000	X	244	V 6	90-98
96	GM	6.6	FIREBIRD	S	400	V 8	67-79
96, R, A	GM	6.6	FIREBIRD	S	400	V 8	67-79

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
9605N	mitsubishi	11.2	6D22		680	L 6	92-95
9608	RENAULT	1.4	LE CAR		85	L 4	80-84
9616	mitsubishi	11.2	6D22		680	L 6	92-95
96184871	DAEWOO	1.6	LANOS		98	L 4	99-02
96202	Waukesha	31.2	NKD		1905	L 6	
96202	Waukesha	31.2	NKR		1905	L 6	
96-6090	FORD	2.0	TRACTORS, 2N,8N,9N,NAA	2N	120	L 4	39-54
967	MG	1.5	MIDGET	A	91	L 4	75-80
967	MG	1.6	MARK II	C	99	L 4	61-62
97	GM	6.6	FIREBIRD	S	400	V 8	67-79
97002A	Waukesha	31.2	NKD		1905	L 6	
97002A	Waukesha	31.2	NKR		1905	L 6	
97102	Waukesha	31.2	NKD		1905	L 6	
97102	Waukesha	31.2	NKR		1905	L 6	
9723	GM	3.3	No Model	N	204	V 6	89-93
9723	GM	3.8	No Model	3	231	V 6	87-88
9723	GM	3.8	No Model	C	231	V 6	88
9723	GM	3.8	No Model	C	231	V 6	88-91
9723	GM	3.8	No Model	L	231	V 6	91-94
973	CHRYSLER	5.2	No Model	E	318	V 8	73-76
973	CHRYSLER	5.2	No Model	E	318	V 8	77-80
973	CHRYSLER	5.2	No Model	P	318	V 8	83-91
973	CHRYSLER	5.2	No Model	R	318	V 8	83-87
973487	GM	6.6	No Model	M	401	V 6	73-77
9770716	GM	6.9	BONNEVILLE	P	421	V 8	61-66
9770716	GM	6.9	BONNEVILLE	P	421	V 8	61-66
9773155	GM	6.4	No Model	389	389	V 8	59-66
9773345	GM	3.2	No Model	L	194	L 6	62-72
9773345	GM	3.2	TEMPEST	P	195	L 4	61-63
9773345	GM	5.3	No Model	P	326	V 8	63-67
9773345	GM	6.4	No Model	389	389	V 8	59-66
9773394	GM	5.3	No Model	P	326	V 8	63-67
9773845	GM	6.4	No Model	389	389	V 8	59-66
9778692	GM	3.8	No Model		230	L 6	65-68
9778693	GM	3.8	No Model		230	L 6	65-68
9778775	GM	5.3	No Model	P	326	V 8	63-67
9778775	GM	6.4	No Model	389	389	V 8	59-66
9778776	GM	5.3	No Model	P	326	V 8	63-67
9778776	GM	6.4	No Model	389	389	V 8	59-66
9778777	GM	5.3	No Model	P	326	V 8	63-67
9778777	GM	6.4	No Model	389	389	V 8	59-66
9779787	FORD	6.6	No Model	HD	401	V 8	58-76
9782005	GM	3.5	TEMPEST		215	L 6	64-65
9782005	GM	3.8	No Model		230	L 6	65-68
9782229	GM	3.8	No Model		230	L 6	65-68
9786142	GM	5.3	No Model	P	326	V 8	63-67
9786142	GM	6.6	FIREBIRD	S	400	V 8	67-79
9786142	GM	6.6	No Model	Z	400	V 8	77-79
9787670	GM	6.6	FIREBIRD	S	400	V 8	67-79
9787670	GM	6.6	No Model	Z	400	V 8	77-79
9787670	GM	6.9	BONNEVILLE	P	421	V 8	61-66
9787670	GM	7.0	No Model	P	428	V 8	67-69
9791194	GM	4.1	FIREBIRD	OHC	250	L 6	66-69
9791195	GM	3.8	No Model		230	L 6	65-68
9791195	GM	4.1	FIREBIRD	OHC	250	L 6	66-69
9791216	GM	6.6	FIREBIRD	S	400	V 8	67-79
9791216	GM	6.6	No Model	Z	400	V 8	77-79

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
9791216	GM	6.9	BONNEVILLE	P	421	V 8	61-66
9791216	GM	7.0	No Model	P	428	V 8	67-69
9793596	GM	6.6	FIREBIRD	S	400	V 8	67-79
9793596	GM	6.6	No Model	Z	400	V 8	77-79
9795046	GM	6.6	FIREBIRD	S	400	V 8	67-79
9795048	GM	6.6	FIREBIRD	S	400	V 8	67-79
9795048	GM	6.6	No Model	Z	400	V 8	77-79
9795048	GM	6.9	BONNEVILLE	P	421	V 8	61-66
9795048	GM	7.0	No Model	P	428	V 8	67-69
9795456	GM	4.1	FIREBIRD	OHC	250	L 6	66-69
9795457	GM	4.1	FIREBIRD	OHC	250	L 6	66-69
9795945	GM	6.6	FIREBIRD	S	400	V 8	67-79
9795945	GM	6.6	No Model	R	400	V 8	74-75
9795945	GM	6.6	No Model	S	400	V 8	75-75
9795945	GM	6.6	No Model	T	400	V 8	72-77
9795945	GM	6.6	No Model	Z	400	V 8	77-79
9796722	GM	6.6	No Model	Z	400	V 8	77-79
9799611	GM	6.6	FIREBIRD	S	400	V 8	67-79
9799611	GM	6.6	No Model	Z	400	V 8	77-79
9799612	GM	6.6	FIREBIRD	S	400	V 8	67-79
9799612	GM	6.6	No Model	Z	400	V 8	77-79
9799613	GM	6.6	FIREBIRD	S	400	V 8	67-79
9799613	GM	6.6	No Model	Z	400	V 8	77-79
9799614	GM	6.6	FIREBIRD	S	400	V 8	67-79
9799614	GM	6.6	No Model	Z	400	V 8	77-79
9799616	GM	6.6	FIREBIRD	S	400	V 8	67-79
9799616	GM	6.6	No Model	Z	400	V 8	77-79
97JM6049CD	FORD	4.0	EXPLORER,MOUNTAINEE	E	244	V 6	97-01
97JM6050CE	FORD	4.0	EXPLORER,MOUNTAINEE	E	244	V 6	97-01
98	GM	7.5	No Model	P	455	V 8	70-76
98	GM	7.5	No Model	W	455	V 8	71-76
98	GM	7.5	No Model	X & Y	455	V 8	71-76
981529	SUBARU	2.2	LEGACY	6,7	135	H 4	91-94
982	GM	6.0	No Model		365	V 8	56-58
982	GM	6.0	No Model		365	V 8	58-62
98413990	GM	4.8	No Model	T	292	L 6	63-73
98413990	GM	4.8	No Model	T	292	L 6	78-90
990458	NISSAN	1.4	210	A14	85	L 4	79-80
990458	NISSAN	1.4	210	A14	85	L 4	81-82
990458	NISSAN	1.4	B210	A14	85	L 4	75-77
990458	NISSAN	1.4	B210	A14	85	L 4	78
992326	GM	3.7	No Model	B	225	V 6	64-67
9C	HYUNDAI	1.8	ELANTRA	M	112	L 4	93-99
9F2598	CATERPILLAR	24.1	353		1473	L 6	
9F2598	CATERPILLAR	24.1	353	C/B	1473	L 6	
9F2598	CATERPILLAR	24.1	D9		1473	L 6	
9H3800	CATERPILLAR	5.7	D330	CB	350	L 4	
9H3800	CATERPILLAR	7.0	D330C	CB	425	L 4	
9H3800	CATERPILLAR	7.0	D330C	SP	425	L 4	
9L7230	CATERPILLAR	8.6	1140		522	V 8	
9L7230	CATERPILLAR	8.6	1145		522	V 8	
9L7230	CATERPILLAR	8.6	3140		522	V 8	
9L7230	CATERPILLAR	8.6	3145		522	V 8	
9L7230	CATERPILLAR	9.4	1150		573	V 8	
9L7230	CATERPILLAR	10.4	1160		636	V 8	
9L7230	CATERPILLAR	10.4	3150		636	V 8	
9L7230	CATERPILLAR	10.4	3160		636	V 8	

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
9L7230	CATERPILLAR	10.4	3208		636	V 8	
9L7230	CATERPILLAR	10.4	3208	1	636	V 8	
9L7230	CATERPILLAR	10.4	3208	2	636	V 8	
9L7230	CATERPILLAR	10.4	3208	TURBO	636	V 8	87-92
9L7627	CATERPILLAR	10.4	3208		636	V 8	
9L7627	CATERPILLAR	10.4	3208	1	636	V 8	
9L7627	CATERPILLAR	10.4	3208	2	636	V 8	
9L7627	CATERPILLAR	10.4	3208	TURBO	636	V 8	87-92
9L9145	CATERPILLAR	8.6	1140		522	V 8	
9L9145	CATERPILLAR	8.6	1145		522	V 8	
9L9145	CATERPILLAR	8.6	3140		522	V 8	
9L9145	CATERPILLAR	8.6	3145		522	V 8	
9L9145	CATERPILLAR	9.4	1150		573	V 8	
9L9145	CATERPILLAR	10.4	1160		636	V 8	
9L9145	CATERPILLAR	10.4	3150		636	V 8	
9L9145	CATERPILLAR	10.4	3160		636	V 8	
9L9145	CATERPILLAR	10.4	3208		636	V 8	
9L9145	CATERPILLAR	10.4	3208	1	636	V 8	
9L9145	CATERPILLAR	10.4	3208	2	636	V 8	
9L9145	CATERPILLAR	10.4	3208	TURBO	636	V 8	87-92
9L9270	CATERPILLAR	8.6	1140		522	V 8	
9L9270	CATERPILLAR	8.6	1145		522	V 8	
9L9270	CATERPILLAR	8.6	3140		522	V 8	
9L9270	CATERPILLAR	8.6	3145		522	V 8	
9L9270	CATERPILLAR	9.4	1150		573	V 8	
9L9270	CATERPILLAR	10.4	1160		636	V 8	
9L9270	CATERPILLAR	10.4	3150		636	V 8	
9L9270	CATERPILLAR	10.4	3160		636	V 8	
9L9270	CATERPILLAR	10.4	3208		636	V 8	
9L9270	CATERPILLAR	10.4	3208	1	636	V 8	
9L9270	CATERPILLAR	10.4	3208	2	636	V 8	
9L9270	CATERPILLAR	10.4	3208	TURBO	636	V 8	87-92
9L9466	CATERPILLAR	10.4	3208		636	V 8	
9L9466	CATERPILLAR	10.4	3208	1	636	V 8	
9L9466	CATERPILLAR	10.4	3208	2	636	V 8	
9L9466	CATERPILLAR	10.4	3208	TURBO	636	V 8	87-92
9L9597	CATERPILLAR	10.4	3208		636	V 8	
9L9597	CATERPILLAR	10.4	3208	1	636	V 8	
9L9597	CATERPILLAR	10.4	3208	2	636	V 8	
9L9597	CATERPILLAR	10.4	3208	TURBO	636	V 8	87-92
9M	CHRYSLER	2.0	COLT	R	122	L 4	90-94
9M	CHRYSLER	2.0	LASER	E	122	L 4	93-94
9M	CHRYSLER	2.0	TALON	F	122	L 4	93-98
9M	CHRYSLER	2.0	TALON	U	122	L 4	90-92
9M	HYUNDAI	1.5	EXCEL	J	90	L 4	86-89
9M	HYUNDAI	1.5	EXCEL	J	90	L 4	90-94
9M	MITSUBISHI	2.0	ECLIPSE	E	122	L 4	93-94
9M	MITSUBISHI	2.0	ECLIPSE	F	122	L 4	95-99
9M	MITSUBISHI	2.0	ECLIPSE	R	122	L 4	90-92
9M	MITSUBISHI	2.0	No Model	U	122	L 4	90-92
9N	FORD	2.0	TRACTORS, 2N,8N,9N,NAA	2N	120	L 4	39-54
9N0275	CATERPILLAR	5.2	3204	PC	318	L 4	
9N0275X	CATERPILLAR	5.2	3204	PC	318	L 4	
9N1107	CATERPILLAR	10.4	3208		636	V 8	
9N1107	CATERPILLAR	10.4	3208	1	636	V 8	
9N1107	CATERPILLAR	10.4	3208	2	636	V 8	
9N1107	CATERPILLAR	10.4	3208	TURBO	636	V 8	87-92

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
9N2362	CATERPILLAR	5.2	3204	PC	318	L 4	
9N2362	CATERPILLAR	10.4	3208		636	V 8	
9N2362	CATERPILLAR	10.4	3208	1	636	V 8	
9N2362	CATERPILLAR	10.4	3208	2	636	V 8	
9N2362	CATERPILLAR	10.4	3208	TURBO	636	V 8	87-92
9N2362X	CATERPILLAR	5.2	3204	DI	318	L 4	
9N2362X	CATERPILLAR	5.2	3204	DI(2)	318	L 4	
9N2757	CATERPILLAR	5.2	3204	PC	318	L 4	
9N275X	CATERPILLAR	5.2	3204	DI	318	L 4	
9N275X	CATERPILLAR	5.2	3204	DI(2)	318	L 4	
9N275X	CATERPILLAR	5.2	3204	PC	318	L 4	
9N2762	CATERPILLAR	10.4	3208		636	V 8	
9N2762	CATERPILLAR	10.4	3208	1	636	V 8	
9N2762	CATERPILLAR	10.4	3208	2	636	V 8	
9N2762	CATERPILLAR	10.4	3208	TURBO	636	V 8	87-92
9N3111	CATERPILLAR	8.6	1140		522	V 8	
9N3111	CATERPILLAR	8.6	1145		522	V 8	
9N3111	CATERPILLAR	8.6	3140		522	V 8	
9N3111	CATERPILLAR	8.6	3145		522	V 8	
9N3111	CATERPILLAR	9.4	1150		573	V 8	
9N3111	CATERPILLAR	10.4	1160		636	V 8	
9N3111	CATERPILLAR	10.4	3150		636	V 8	
9N3111	CATERPILLAR	10.4	3160		636	V 8	
9N5215	CATERPILLAR	5.2	3204	PC	318	L 4	
9N5215	CATERPILLAR	8.6	1140		522	V 8	
9N5215	CATERPILLAR	8.6	1145		522	V 8	
9N5215	CATERPILLAR	8.6	3140		522	V 8	
9N5215	CATERPILLAR	8.6	3145		522	V 8	
9N5215	CATERPILLAR	9.4	1150		573	V 8	
9N5215	CATERPILLAR	10.4	1160		636	V 8	
9N5215	CATERPILLAR	10.4	3150		636	V 8	
9N5215	CATERPILLAR	10.4	3160		636	V 8	
9N5215	CATERPILLAR	10.4	3208		636	V 8	
9N5215	CATERPILLAR	10.4	3208	1	636	V 8	
9N5215	CATERPILLAR	10.4	3208	2	636	V 8	
9N5215	CATERPILLAR	10.4	3208	TURBO	636	V 8	87-92
9S3	CATERPILLAR	14.6	343		893	L 6	
9S3600	CATERPILLAR	14.6	1693		893	L 6	
9S3600	CATERPILLAR	14.6	1693	1	893	L 6	
9S3600	CATERPILLAR	14.6	1693	2	893	L 6	
9S3600	CATERPILLAR	14.6	1693	3	893	L 6	
9S3600	CATERPILLAR	14.6	1693	4	893	L 6	
9S3600	CATERPILLAR	14.6	D343		893	L 6	
9S3600	CATERPILLAR	14.6	D343	1	893	L 6	
9S4140	CATERPILLAR	11.5	1676		700	V 8	
9S4140	CATERPILLAR	11.5	D336		700	V 8	
9S4848	CATERPILLAR	10.5	1673C	CB	638	L 6	
9S4848	CATERPILLAR	10.5	1673C	CB	638	L 6	
9S4848	CATERPILLAR	10.5	1674	1	638	L 6	
9S4848	CATERPILLAR	10.5	1674	2	638	L 6	
9S4848	CATERPILLAR	10.5	1674	3	638	L 6	
9S4848	CATERPILLAR	10.5	334		638	L 6	
9S4848	CATERPILLAR	10.5	D334	1	638	L 6	
9S4848	CATERPILLAR	10.5	D334	2	638	L 6	
9S4848	CATERPILLAR	10.5	D334	3	638	L 6	
9S7100	CATERPILLAR	10.5	1673C	CB	638	L 6	
9S7101	CATERPILLAR	10.5	1673C	CB	638	L 6	

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
9S7514	CATERPILLAR	10.5	1673C	CB	638	L 6	
9Y128	NISSAN	2.0	H20		121	L 4	77-92
9Y3777	CATERPILLAR	14.6	3406	C	893	L 6	91-95
9Y6678	CATERPILLAR	10.3	3176		629	L 6	89-96
A	CHRYSLER	3.0	No Model	3	181	V 6	87-95
A	CHRYSLER	3.0	No Model	3	181	V 6	96-99
A	CHRYSLER	3.0	No Model	S	181	V 6	90-92
A	CHRYSLER	3.0	No Model	V	181	V 6	92
A	MITSUBISHI	3.0	DIMANTE	H	181	V 6	93-96
A	MITSUBISHI	3.0	GALANT	S	181	V 6	88-92
A	MITSUBISHI	3.0	GALANT	S	181	V 6	88-92
A	MITSUBISHI	3.0	No Model	3	181	V 6	87-91
A11800	CASE	4.4	700B		267	L 4	
A11800	CASE	4.4	730 SERIES	D	267	L 4	
A11800	CASE	6.6	930	D	401	L 6	
A11800	CASE	6.6	970	BD	401	L 6	
A138337	CASE	8.3	1370	BDT	504	L 6	
A138337	CASE	8.3	2090	D	504	L 6	
A138337	CASE	8.3	2290	BDT(2)	504	L 6	
A150304	CASE	3.1	430	D	188	L 4	
A150384	CASE	3.1	430	D	188	L 4	
A150384	CASE	3.4	450B	D	207	L 4	
A150384	CASE	3.4	450B	DT	207	L 4	
A-150384	CASE	3.1	430	D	188	L 4	
A152437	CASE	8.3	1370	BDT	504	L 6	
A152437	CASE	8.3	2090	D	504	L 6	
A152437	CASE	8.3	2290	BDT(2)	504	L 6	
A155925	CASE	3.1	430	D	188	L 4	
A156738	CASE	8.3	1370	BDT	504	L 6	
A156738	CASE	8.3	2090	D	504	L 6	
A156738	CASE	8.3	2290	BDT(2)	504	L 6	
A20805	CASE	4.7	830		284	L 4	
A20805	CASE	4.7	830		284	L 4	
A20957	CASE	4.4	730 SERIES	D	267	L 4	
A20957	CASE	6.6	730		401	L 6	
A21	GM	3.9	No Model		235	L 6	49-62
A21003	CASE	4.9	830	D	301	L 4	60-70
A21003	CASE	7.4	1070	D	451	L 6	
A21241	CASE	4.1	730		251	L 4	
A21357	CASE	4.1	730		251	L 4	
A2325R	JOHN DEERE	5.3	A		321	L 2	34-52
A24543	CASE	4.7	830		284	L 4	
A24543	CASE	4.7	830		284	L 4	
A24946	CASE	6.6	930	D	401	L 6	
A28003	NAVISTAR	5.7	No Model	G	350	L 4	
A280038	NAVISTAR	5.5	W9, TD-9A, T-9	G	335	L 4	
A280038	NAVISTAR	6.1	W9, TD9	G	370	L 4	
A-3	TOYOTA	1.6	COROLLA	4A-C	97	L 4	83-87
A33612	CASE	6.6	930	D	401	L 6	
A33612	CASE	6.6	970	BD	401	L 6	
A33613	CASE	4.9	830	D	301	L 4	60-70
A33613	CASE	6.6	930	D	401	L 6	
A33613	CASE	6.6	970	BD	401	L 6	
A33613A	CASE	6.6	930	D	401	L 6	
A33616	CASE	7.4	1030	DIESL	451	L 6	
A33616	CASE	7.4	1070	D	451	L 6	
A33623	CASE	4.4	730 SERIES	D	267	L 4	

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
A33623	CASE	4.9	830	D	301	L 4	60-70
A33623	CASE	6.6	730		401	L 6	
A33623	CASE	7.4	1070	D	451	L 6	
A33643	CASE	4.4	730 SERIES	D	267	L 4	
A33643	CASE	4.9	830	D	301	L 4	60-70
A33643	CASE	6.6	730		401	L 6	
A3367R	JOHN DEERE	1.7	40		101	L 2	
A3367R	JOHN DEERE	1.8	420		113	L 2	
A3367R	JOHN DEERE	5.3	A		321	L 2	34-52
A36296	CASE	3.1	430	D	188	L 4	
A3687	CASE	3.1	430	D	188	L 4	
A36876	CASE	3.1	430	D	188	L 4	
A-36876	CASE	3.1	430	D	188	L 4	
A37835	CASE	3.1	430	D	188	L 4	
A37836	CASE	3.1	430	D	188	L 4	
A378385	CASE	3.1	430	D	188	L 4	
A4226R	JOHN DEERE	1.7	40		101	L 2	
A4226R	JOHN DEERE	1.8	420		113	L 2	
A4226R	JOHN DEERE	5.3	A		321	L 2	34-52
A4570S	CASE	4.3	D		260	L 4	
A4570S	CASE	4.5	D		276	L 4	
A4625R	JOHN DEERE	5.3	60		321	L 2	
A-50963	CASE	3.4	450B	D	207	L 4	
A-50963	CASE	3.4	450B	DT	207	L 4	
A5505	CASE	4.3	D		260	L 4	
A5621R	JOHN DEERE	5.0	630		303	L 2	56-60
A58522	CASE	4.9	830	D	301	L 4	60-70
A58522	CASE	7.4	1070	D	451	L 6	
A58523	CASE	2.3	AD3/30		137	L 3	
A58523	CASE	2.4	770		146	L 3	
A58523	CASE	6.6	930	D	401	L 6	
A58523	CASE	6.6	970	BD	401	L 6	
A58527	CASE	7.4	1070	D	451	L 6	
A587R	JOHN DEERE	5.3	A		321	L 2	34-52
A601	CONTINENTAL	6.3	JD382		382	L 4	
A60559	CASE	8.3	1370	BDT	504	L 6	
A60559	CASE	8.3	2090	D	504	L 6	
A60559	CASE	8.3	2290	BDT(2)	504	L 6	
A61251	CASE	6.6	970	BD	401	L 6	
A61251	CASE	7.4	1070	D	451	L 6	
A61251	CASE	8.3	1370	BDT	504	L 6	
A61252	CASE	6.6	930	D	401	L 6	
A61252	CASE	6.6	970	BD	401	L 6	
A61252	CASE	7.4	1070	D	451	L 6	
A6320A	CASE	6.2	600 & 900	TURBO	377	L 6	
A6320A	CASE	6.2	900	DIESL	377	L 6	
A6530A	CASE	4.1	400		251	L 4	
A6530A	CASE	6.2	600 & 900	GAS	377	L 6	
A6530A	CASE	6.2	600 & 900	TURBO	377	L 6	
A6530A	CASE	6.2	900	DIESL	377	L 6	
A66190	CASE	8.3	1370	BDT	504	L 6	
A66190	CASE	8.3	2090	D	504	L 6	
A66190	CASE	8.3	2290	BDT(2)	504	L 6	
A67351	CASE	8.3	1370	BDT	504	L 6	
A67351	CASE	8.3	2090	D	504	L 6	
A67351	CASE	8.3	2290	BDT(2)	504	L 6	
A677500C1	NAVISTAR	6.8	1066	D	414	L 6	

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
A68296-C1	NAVISTAR	13.4	C SERIES	817-C	817	L 6	
A68441	CASE	8.3	1370	BDT	504	L 6	
A8500	CASE	4.1	400		251	L 4	
A87	NISSAN	1.8	No Model	L18	108	L 4	73-74
AA223202	WAUKESHA	5.1	VRD310		310	L 6	
AA223202	WAUKESHA	5.1	VRG310		310	L 6	
AC 96035	ALLIS CHALMERS	7.0	3400		426	L 6	70-85
AC 96035	ALLIS CHALMERS	7.0	3400	D	426	L 6	70-85
AC 96035	ALLIS CHALMERS	7.0	D21	D-21	426	L 6	70-70
AE221902H	OLIVER	5.1	VRD310		310	L 6	
AK180902E	OLIVER	4.3	1650		265	L 6	47-67
AM2917	ALLIS CHALMERS	1.9	B	B	116	L 4	
AM2917	ALLIS CHALMERS	2.0	B & C	B	120	L 4	
AM2917	ALLIS CHALMERS	2.1	B & C	B	125	L 4	
AM2917	ALLIS CHALMERS	2.1	RC	RC	125	L 4	
AM2917-10	ALLIS CHALMERS	2.1	B & C	B	125	L 4	
AM2917-12	ALLIS CHALMERS	2.1	B & C	B	125	L 4	
AM2917-15	ALLIS CHALMERS	1.9	B	B	116	L 4	
AM3820	ALLIS CHALMERS	3.7	WD45	W	226	L 4	
AM382011	ALLIS CHALMERS	3.7	WD45	W	226	L 4	
AM3820-13	ALLIS CHALMERS	3.7	D17	G	226	L 4	54-57
AM3820-13X	ALLIS CHALMERS	3.7	WD45	W	226	L 4	
A-M40F1R	NISSAN	2.4	STANZA	S	146	L 4	91-98
AM4367	ALLIS CHALMERS	2.4	D14		149	L 4	
AM4367	ALLIS CHALMERS	2.4	D15	D15	149	L 4	
AM4472	ALLIS CHALMERS	3.7	D17	G	226	L 4	54-57
AM4659	ALLIS CHALMERS	3.7	D17	G	226	L 4	54-57
AM4831	ALLIS CHALMERS	2.6	G1600		160	L 4	
AM5253	ALLIS CHALMERS	2.4	D15	D15	149	L 4	
AM5253	ALLIS CHALMERS	2.6	G1600		160	L 4	
AM5253-1	ALLIS CHALMERS	2.4	D15	D15	149	L 4	
AM5481	ALLIS CHALMERS	2.4	D15	D15	149	L 4	
AM5481	ALLIS CHALMERS	2.6	G1600		160	L 4	
AT21334	JOHN DEERE	3.3	2020 & 2510	D	202	L 4	
AT21334	JOHN DEERE	3.6	2030	G	219	L 4	
AT21334	JOHN DEERE	3.6	454	D	219	L 4	
B	CHRYSLER	3.0	No Model	3	181	V 6	87-95
B	CHRYSLER	3.0	No Model	3	181	V 6	96-99
B	CHRYSLER	3.0	No Model	S	181	V 6	90-92
B	CHRYSLER	3.0	No Model	V	181	V 6	92
B	MITSUBISHI	3.0	DIMANTE	H	181	V 6	93-96
B	MITSUBISHI	3.0	GALANT	S	181	V 6	88-92
B	MITSUBISHI	3.0	GALANT	S	181	V 6	88-92
B	MITSUBISHI	3.0	No Model	3	181	V 6	87-91
B#4C	HYUNDAI	1.8	No Model	M	110	L 4	95-99
B11A	TOYOTA	2.8	CELICA	5MGE	168	L 6	82-88
B1306R	JOHN DEERE	2.9	B		175	L 2	
B1784R	JOHN DEERE	1.7	40		101	L 2	
B1784R	JOHN DEERE	1.8	420		113	L 2	
B1784R	JOHN DEERE	2.9	B		175	L 2	
B2501	JOHN DEERE	1.7	40		101	L 2	
B2501	JOHN DEERE	1.8	420		113	L 2	
B2501R	JOHN DEERE	2.9	B		175	L 2	
B2871R	JOHN DEERE	2.9	B		175	L 2	
B2A	TOYOTA	2.8	CELICA	5MGE	168	L 6	82-88
B301	FORD	1.3	FESTIVA	K	81	L 4	88-89
B301	FORD	1.3	FESTIVA,ASPIRE	H	81	L 4	89-97

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
B301	FORD	1.6	TRACER	5	98	L 4	87-92
B301	MAZDA	1.6	323	B6	97	L 4	87-92
B301	MAZDA	1.6	323	B6	97	L 4	93-94
B306	FORD	1.3	FESTIVA,ASPIRE	H	81	L 4	89-97
B3204R	JOHN DEERE	3.1	50		190	L 2	35-45
B357R	JOHN DEERE	2.9	B		175	L 2	
B3741R	JOHN DEERE	0.0	190		0	L 4	
B3741R	JOHN DEERE	3.1	520		190	L 2	
B3741R	JOHN DEERE	3.1	530		190	L 2	
B3C1	FORD	1.3	FESTIVA,ASPIRE	H	81	L 4	89-97
B-5	KUBOTA	0.0	No Model		0	L 2	
B556	BUDA	2.5	No Model		153	L 4	
B61K	FORD	1.6	TRACER	5	98	L 4	87-92
B61K	MAZDA	1.6	323	B6	97	L 4	87-92
B61K	MAZDA	1.6	323	B6	97	L 4	93-94
B9A	TOYOTA	2.8	CELICA	5MGE	168	L 6	82-88
B9AE	FORD	5.8	No Model		352	V 8	58-67
B9ME-B	FORD	7.0	EDSEL	K	430	V 8	58-65
B9NN-6090-A	FORD	2.4	501	IND	144	L 4	61-67
B9NN-6090-A	FORD	2.8	No Model	D	172	L 4	55-60
B9TE	FORD	4.4	No Model		272	V 8	56-66
B9TE	FORD	4.8	No Model		292	V 8	55-66
B9TE	FORD	5.1	FAIRLANE		312	V 8	56-60
BA85307	JAGUAR	4.2	XJ6		258	L 6	66-87
BP01	FORD	1.6	CAPRI	Z	98	L 4	91-94
BP01	FORD	1.6	CAPRI,TRACER	6	98	L 4	91-94
BP01	MAZDA	1.6	323	B6	97	L 4	87-92
BP01	MAZDA	1.6	323	B6	97	L 4	93-94
BP01	MAZDA	1.8	MIATA	BP	112	L 4	90-96
BP01	MAZDA	1.8	PROTÉGÉ	4	112	L 4	93-94
BP01	MAZDA	1.8	PROTÉGÉ	BP	112	L 4	90-92
BP05	FORD	1.8	ESCORT,TRACER	8	112	L 4	91-98
BP05	MAZDA	1.6	MIATA	BP	98	L 4	90-92
BP05	MAZDA	1.8	MIATA	BP	112	L 4	90-96
BP05122	FORD	1.8	ESCORT,TRACER	8	112	L 4	91-98
BP056-2	FORD	1.8	ESCORT,TRACER	8	112	L 4	91-98
BP201	MAZDA	1.8	PROTÉGÉ	BP	112	L 4	90-92
C0AE	FORD	3.7	No Model		223	L 6	54-64
C0AE	FORD	4.4	No Model		272	V 8	56-66
C0AE	FORD	5.8	No Model		352	V 8	58-67
C0AE-A	FORD	4.4	No Model		272	V 8	56-66
C0AE-A	FORD	4.8	No Model		292	V 8	55-66
C0AE-B	FORD	3.7	No Model		223	L 6	54-64
C0AE-F	FORD	3.7	No Model		223	L 6	54-64
C0DE	FORD	2.4	FALCON		144	L 6	60-64
C0DE-B	FORD	2.4	FALCON		144	L 6	60-64
C0DE-C	FORD	2.8	FALCON	1	170	L 6	61-72
C0ME-B	FORD	7.0	EDSEL	K	430	V 8	58-65
C0TE	FORD	4.4	No Model		272	V 8	56-66
C0TE	FORD	4.8	No Model		292	V 8	55-66
C-1148	CASE	2.4	300	G	148	L 4	55-60
C-1148	CASE	2.4	310 & 580	G(1)	148	L 4	61-66
C1AE	FORD	4.8	No Model		292	V 8	55-66
C1AE	FORD	6.4	No Model	H	390	V 8	61-76
C1AE	FORD	6.4	No Model	M	390	V 8	68-76
C1AE-A	FORD	6.4	No Model	H	390	V 8	61-76
C1AE-A	FORD	6.4	No Model	M	390	V 8	68-76

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
C1AE-A590A	FORD	6.4	No Model	H	390	V 8	61-76
C1AE-A590A	FORD	6.4	No Model	M	390	V 8	68-76
C1AE-B	FORD	3.7	No Model		223	L 6	54-64
C1AE-C	FORD	3.7	No Model		223	L 6	54-64
C1AE-D	FORD	3.7	No Model		223	L 6	54-64
C1AE-N	FORD	3.7	No Model		223	L 6	54-64
C1DE-A	FORD	2.8	FALCON	1	170	L 6	61-72
C1TE-D	FORD	4.4	No Model		272	V 8	56-66
C1TE-D	FORD	4.8	No Model		292	V 8	55-66
C1UE	FORD	3.3	No Model	T	200	L 6	63-79
C1UE-A	FORD	2.8	FALCON	1	170	L 6	61-72
C1VE-A	FORD	2.8	FALCON	1	170	L 6	61-72
C1VE-A	FORD	7.0	EDSEL	K	430	V 8	58-65
C20E-A	CHRYSLER	5.2	No Model	G	318	V 8	77-79
C20E-A	FORD	3.6	MERCURY COMET	V	221	V 8	62-63
C20E-B	CHRYSLER	5.2	No Model	G	318	V 8	77-79
C20E-B	FORD	3.6	MERCURY COMET	V	221	V 8	62-63
C20E-C	CHRYSLER	5.2	No Model	G	318	V 8	77-79
C20E-C	FORD	3.6	MERCURY COMET	V	221	V 8	62-63
C20E-D	FORD	3.6	MERCURY COMET	V	221	V 8	62-63
C20E-E	FORD	3.6	MERCURY COMET	V	221	V 8	62-63
C24540C2143	JAGUAR	4.2	XJ6		258	L 6	66-87
C2AE-A	FORD	3.7	No Model		223	L 6	54-64
C2OE	FORD	3.7	No Model		223	L 6	54-64
C2OE-F	FORD	4.3	MERCURY METEOR		260	V 8	63-64
C2SE	FORD	6.4	No Model	H	390	V 8	61-76
C2SE	FORD	6.4	No Model	M	390	V 8	68-76
C2SE	FORD	6.7	No Model	B	406	V 8	62-63
C2TE	FORD	5.4	No Model		332	V 8	58-59
C2TE	FORD	5.4	No Model	CAR	332	V 8	58-59
C2TE-A	FORD	5.4	No Model		332	V 8	58-59
C2TE-A	FORD	5.4	No Model	CAR	332	V 8	58-59
C2TE-A-490	FORD	5.4	No Model		332	V 8	58-59
C2TE-A-490	FORD	5.4	No Model	CAR	332	V 8	58-59
C2TE-AA	FORD	6.4	No Model	H	390	V 8	61-76
C2TE-AA	FORD	6.4	No Model	M	390	V 8	68-76
C2TE-B	FORD	5.0	No Model	F	302	V 8	56-65
C2TZ-A	FORD	4.4	No Model		272	V 8	56-66
C2TZ-A	FORD	4.8	No Model		292	V 8	55-66
C30E-A	CHRYSLER	3.5	No Model	F	215	V 6	93-97
C30E-A	FORD	3.6	MERCURY COMET	V	221	V 8	62-63
C3AE	FORD	4.7	FALCON	K	289	V 8	64-68
C3AE	FORD	5.9	No Model	Y	360	V 8	68-78
C3AE	FORD	6.4	No Model	H	390	V 8	61-76
C3AE	FORD	6.4	No Model	HD	391	V 8	64-79
C3AE	FORD	6.4	No Model	M	390	V 8	68-76
C3AE	FORD	6.7	No Model		410	V 8	66-67
C3AE	FORD	7.0	FE	R, W	427	V 8	63-68
C3AE-A	FORD	3.7	No Model		223	L 6	54-64
C3AE-A	FORD	4.7	FALCON	K	289	V 8	64-68
C3AE-F	FORD	4.7	FALCON	K	289	V 8	64-68
C3AE-F	FORD	4.7	No Model	C	289	V 8	63-68
C3AE-G	FORD	7.0	FE	R, W	427	V 8	63-68
C3AE-G	FORD	7.0	FE MARINE		427	V 8	63-68
C3AE-H	FORD	7.0	FE	R, W	427	V 8	63-68
C3AE-H	FORD	7.0	FE MARINE		427	V 8	63-68
C3AE-I	FORD	7.0	FE	R, W	427	V 8	63-68

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
C3AE-I	FORD	7.0	FE MARINE		427	V 8	63-68
C3AE-J	FORD	7.0	FE	R, W	427	V 8	63-68
C3AE-J	FORD	7.0	FE MARINE		427	V 8	63-68
C3AE-K	FORD	7.0	FE	R, W	427	V 8	63-68
C3AE-K	FORD	7.0	FE MARINE		427	V 8	63-68
C3DE	FORD	2.4	FALCON		144	L 6	60-64
C3DE-C	FORD	2.4	FALCON		144	L 6	60-64
C3DE-C	FORD	2.8	FALCON	1	170	L 6	61-72
C3DE-D	FORD	2.4	FALCON		144	L 6	60-64
C3DE-D	FORD	2.8	FALCON	1	170	L 6	61-72
C3DE-D	FORD	3.3	No Model	T	200	L 6	63-79
C3DE-F	FORD	2.4	FALCON		144	L 6	60-64
C3DE-G	FORD	2.4	FALCON		144	L 6	60-64
C3DE-G8	FORD	2.8	FALCON	1	170	L 6	61-72
C3DE-G8	FORD	3.3	No Model	T	200	L 6	63-79
C3OE	FORD	4.3	No Model	L	262	L 6	61-64
C3OE-A	FORD	3.3	No Model	T	200	L 6	63-79
C3OE-B	FORD	4.3	MERCURY METEOR		260	V 8	63-64
C3OE-C	FORD	2.8	FALCON	1	170	L 6	61-72
C3OE-C	FORD	3.3	No Model	T	200	L 6	63-79
C3OE-E	FORD	4.7	FALCON	K	289	V 8	64-68
C3OE-E	FORD	4.7	No Model	C	289	V 8	63-68
C3OE-F	FORD	4.7	FALCON	K	289	V 8	64-68
C3OE-F	FORD	4.7	No Model	C	289	V 8	63-68
C3TE	FORD	6.6	No Model	HD	401	V 8	58-76
C3TE-B	FORD	5.4	No Model		332	V 8	58-59
C3TE-B	FORD	5.4	No Model	CAR	332	V 8	58-59
C3TE-D	FORD	6.6	No Model	HD	401	V 8	58-76
C3TE-D	FORD	7.8	No Model	GAS	477	V 8	78-81
C3TE-D	FORD	8.8	No Model		534	V 8	58-81
C3TE-E	FORD	5.0	No Model	F	302	V 8	56-65
C3VE-B	FORD	7.0	EDSEL	K	430	V 8	58-65
C4AE	FORD	5.8	No Model		352	V 8	58-67
C4AE	FORD	5.9	No Model	Y	360	V 8	68-78
C4AE	FORD	6.4	No Model	H	390	V 8	61-76
C4AE	FORD	6.4	No Model	HD	391	V 8	64-79
C4AE	FORD	6.4	No Model	M	390	V 8	68-76
C4AE	FORD	7.0	FE	R, W	427	V 8	63-68
C4AE-C	FORD	4.7	FALCON	K	289	V 8	64-68
C4AE-C	FORD	4.7	No Model	C	289	V 8	63-68
C4AE-C	FORD	6.4	No Model	H	390	V 8	61-76
C4AE-C	FORD	6.4	No Model	M	390	V 8	68-76
C4AE-C	FORD	6.7	No Model	B	406	V 8	62-63
C4AE-D	FORD	6.4	No Model	H	390	V 8	61-76
C4AE-D	FORD	6.4	No Model	M	390	V 8	68-76
C4AE-G-590A	FORD	6.4	No Model	H	390	V 8	61-76
C4AE-G-590A	FORD	6.4	No Model	M	390	V 8	68-76
C4DE	FORD	2.4	FALCON		144	L 6	60-64
C4DE	FORD	3.3	No Model	T	200	L 6	63-79
C4DE-D	FORD	2.8	FALCON	1	170	L 6	61-72
C4OE-B	FORD	4.3	MERCURY METEOR		260	V 8	63-64
C4OE-B	FORD	4.7	FALCON	K	289	V 8	64-68
C4TE	FORD	5.4	No Model		332	V 8	58-59
C4TE	FORD	5.4	No Model	CAR	332	V 8	58-59
C4TE	FORD	5.4	No Model	HD	330	V 8	66-76
C4TE	FORD	5.4	No Model	LD	330	V 8	62-65
C4TE	FORD	5.9	No Model	HD	361	V 8	66-78

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
C4TE	FORD	6.4	No Model	HD	391	V 8	64-79
C4TE-A	FORD	5.4	No Model		332	V 8	58-59
C4TE-A	FORD	5.4	No Model	CAR	332	V 8	58-59
C4TE-A	FORD	5.4	No Model	HD	330	V 8	66-76
C4TE-A	FORD	5.4	No Model	LD	330	V 8	62-65
C4TE-A	FORD	5.9	No Model	HD	361	V 8	66-78
C4TE-A	FORD	5.9	No Model	Y	360	V 8	68-78
C4TE-A	FORD	6.4	No Model	H	390	V 8	61-76
C4TE-A	FORD	6.4	No Model	HD	391	V 8	64-79
C4TE-A	FORD	6.4	No Model	M	390	V 8	68-76
C4TE-AA	FORD	5.4	No Model		332	V 8	58-59
C4TE-AA	FORD	5.4	No Model	CAR	332	V 8	58-59
C4TE-AA	FORD	5.4	No Model	HD	330	V 8	66-76
C4TE-AA	FORD	5.4	No Model	LD	330	V 8	62-65
C4TE-C	FORD	5.4	No Model		332	V 8	58-59
C4TE-C	FORD	5.4	No Model	CAR	332	V 8	58-59
C4TE-C	FORD	5.4	No Model	HD	330	V 8	66-76
C4TE-C	FORD	5.4	No Model	LD	330	V 8	62-65
C4TE-D	FORD	5.4	No Model		332	V 8	58-59
C4TE-D	FORD	5.4	No Model	CAR	332	V 8	58-59
C4TE-D	FORD	5.4	No Model	HD	330	V 8	66-76
C4TE-D	FORD	5.4	No Model	LD	330	V 8	62-65
C4TE-D	FORD	5.9	No Model	HD	361	V 8	66-78
C4TE-D	FORD	5.9	No Model	Y	360	V 8	68-78
C4TE-D	FORD	6.4	No Model	H	390	V 8	61-76
C4TE-D	FORD	6.4	No Model	HD	391	V 8	64-79
C4TE-D	FORD	6.4	No Model	M	390	V 8	68-76
C4TE-E	FORD	5.4	No Model		332	V 8	58-59
C4TE-E	FORD	5.4	No Model	CAR	332	V 8	58-59
C4TE-E	FORD	5.4	No Model	HD	330	V 8	66-76
C4TE-E	FORD	5.4	No Model	LD	330	V 8	62-65
C4TE-E	FORD	5.9	No Model	HD	361	V 8	66-78
C4TE-F	FORD	5.4	No Model		332	V 8	58-59
C4TE-F	FORD	5.4	No Model	CAR	332	V 8	58-59
C4TE-F	FORD	5.4	No Model	HD	330	V 8	66-76
C4TE-F	FORD	5.4	No Model	LD	330	V 8	62-65
C4TG-C	FORD	5.4	No Model		332	V 8	58-59
C4TG-C	FORD	5.4	No Model	CAR	332	V 8	58-59
C4TG-C	FORD	5.4	No Model	HD	330	V 8	66-76
C4TG-C	FORD	5.4	No Model	LD	330	V 8	62-65
C4TG-E	FORD	5.4	No Model		332	V 8	58-59
C4TG-E	FORD	5.4	No Model	CAR	332	V 8	58-59
C4TG-E	FORD	5.4	No Model	HD	330	V 8	66-76
C4TG-E	FORD	5.4	No Model	LD	330	V 8	62-65
C4TG-G	FORD	5.4	No Model		332	V 8	58-59
C4TG-G	FORD	5.4	No Model	CAR	332	V 8	58-59
C4TG-G	FORD	5.4	No Model	HD	330	V 8	66-76
C4TG-G	FORD	5.4	No Model	LD	330	V 8	62-65
C4VE-A	FORD	7.0	EDSEL	K	430	V 8	58-65
C5AE	FORD	3.9	No Model	A	240	L 6	65-74
C5AE	FORD	4.7	FALCON	K	289	V 8	64-68
C5AE	FORD	4.9	No Model		300	L 6	76-85
C5AE	FORD	4.9	No Model	Y	300	L 6	83-84
C5AE	FORD	5.8	No Model		352	V 8	58-67
C5AE	FORD	6.4	No Model	H	390	V 8	61-76
C5AE	FORD	6.4	No Model	M	390	V 8	68-76
C5AE-A	FORD	3.9	No Model	A	240	L 6	65-74

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
C5AE-A	FORD	4.9	CSG-649		300	L 6	65-93
C5AE-A	FORD	4.9	No Model		300	L 6	76-85
C5AE-A	FORD	4.9	No Model	9	300	L 6	82-84
C5AE-A	FORD	4.9	No Model	B	300	L 6	73-79
C5AE-A	FORD	4.9	No Model	Y	300	L 6	83-84
C5AE-A	FORD	7.0	FE		428	V 8	66-70
C5AE-A-850	FORD	3.9	No Model	A	240	L 6	65-74
C5AE-B	FORD	4.7	FALCON	K	289	V 8	64-68
C5AE-B-686B	FORD	4.7	FALCON	K	289	V 8	64-68
C5AE-C	FORD	3.9	No Model	A	240	L 6	65-74
C5AE-C	FORD	4.9	CSG-649		300	L 6	65-93
C5AE-C	FORD	4.9	No Model		300	L 6	76-85
C5AE-C	FORD	4.9	No Model	9	300	L 6	82-84
C5AE-C	FORD	4.9	No Model	B	300	L 6	73-79
C5AE-D	FORD	3.9	No Model	A	240	L 6	65-74
C5AE-D	FORD	4.9	CSG-649		300	L 6	65-93
C5AE-D	FORD	4.9	No Model		300	L 6	76-85
C5AE-D	FORD	4.9	No Model	9	300	L 6	82-84
C5AE-D	FORD	4.9	No Model	B	300	L 6	73-79
C5AE-E	FORD	4.7	FALCON	K	289	V 8	64-68
C5AE-F	FORD	7.0	FE	R, W	427	V 8	63-68
C5AE-R	FORD	7.0	FE	R, W	427	V 8	63-68
C5DE	FORD	2.8	FALCON	1	170	L 6	61-72
C5DE	FORD	3.3	No Model	T	200	L 6	63-79
C5DE-A	FORD	2.8	FALCON	1	170	L 6	61-72
C5DE-B	FORD	2.8	FALCON	1	170	L 6	61-72
C5DE-B	FORD	3.3	No Model	T	200	L 6	63-79
C5DE-B	FORD	4.7	No Model	C	289	V 8	63-68
C5DE-H	FORD	3.3	No Model	T	200	L 6	63-79
C5NE6090D	FORD	2.6	2000 SERIES	D	158	L 3	61-75
C5NE6090D	FORD	2.9	3000	D	175	L 3	61-75
C5NE6090D	FORD	3.3	555	D	201	L 3	75-90
C5NE-6090-E	FORD	3.8	5000	D	233	L 4	72-78
C5NE-6090-O	FORD	2.6	2000 SERIES	D	158	L 3	61-75
C5NE-6090-O	FORD	2.9	3000	D	175	L 3	61-75
C5NE-6090-O	FORD	3.3	555	D	201	L 3	75-90
C5NE-6090-O	FORD	3.3	BSD-333		201	L 3	65-72
C5NE-D	FORD	2.6	2000 SERIES	D	158	L 3	61-75
C5NE-D	FORD	3.3	555	D	201	L 3	75-90
C5NE-G	FORD	2.6	2000 SERIES	D	158	L 3	61-75
C5NE-G	FORD	2.9	3000	D	175	L 3	61-75
C5NE-G	FORD	3.3	555	D	201	L 3	75-90
C5NN	FORD	3.3	BSD-333		201	L 3	65-72
C5NN6090E	FORD	4.2	5000	D	256	L 4	72-78
C5NN-E	FORD	4.2	BSD-442		256	L 4	
C5NN-E	FORD	4.2	BSD-442T		256	L 4	
C5OE-A	FORD	4.7	FALCON	K	289	V 8	64-68
C5TE	FORD	3.9	No Model	A	240	L 6	65-74
C5TE	FORD	4.9	No Model		300	L 6	76-85
C5TE	FORD	4.9	No Model	Y	300	L 6	83-84
C5TE-A	FORD	3.9	No Model	A	240	L 6	65-74
C5TE-A	FORD	4.9	CSG-649		300	L 6	65-93
C5TE-A	FORD	4.9	No Model		300	L 6	76-85
C5TE-A	FORD	4.9	No Model	9	300	L 6	82-84
C5TE-A	FORD	4.9	No Model	B	300	L 6	73-79
C5TE-A	FORD	4.9	No Model	Y	300	L 6	83-84
C5TE-B	FORD	3.9	No Model	A	240	L 6	65-74

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
C5TE-B	FORD	4.9	CSG-649		300	L 6	65-93
C5TE-B	FORD	4.9	No Model		300	L 6	76-85
C5TE-B	FORD	4.9	No Model	9	300	L 6	82-84
C5TE-B	FORD	4.9	No Model	B	300	L 6	73-79
C5TE-B	FORD	4.9	No Model	Y	300	L 6	83-84
C5TE-C	FORD	3.9	No Model	A	240	L 6	65-74
C5TE-C	FORD	4.9	CSG-649		300	L 6	65-93
C5TE-C	FORD	4.9	No Model		300	L 6	76-85
C5TE-C	FORD	4.9	No Model	9	300	L 6	82-84
C5TE-C	FORD	4.9	No Model	B	300	L 6	73-79
C5TE-C	FORD	4.9	No Model	Y	300	L 6	83-84
C5TE-G	FORD	3.9	No Model	A	240	L 6	65-74
C5TE-G	FORD	4.9	CSG-649		300	L 6	65-93
C5TE-G	FORD	4.9	No Model		300	L 6	76-85
C5TE-G	FORD	4.9	No Model	9	300	L 6	82-84
C5TE-G	FORD	4.9	No Model	B	300	L 6	73-79
C5TE-G	FORD	4.9	No Model	Y	300	L 6	83-84
C60-1821A	NISSAN	4.0	No Model		241	L 6	79-86
C6AE	FORD	3.9	No Model	A	240	L 6	65-74
C6AE	FORD	4.7	FALCON	K	289	V 8	64-68
C6AE	FORD	4.9	No Model		300	L 6	76-85
C6AE	FORD	4.9	No Model	Y	300	L 6	83-84
C6AE	FORD	5.8	No Model		352	V 8	58-67
C6AE	FORD	5.9	No Model	Y	360	V 8	68-78
C6AE	FORD	6.4	No Model	H	390	V 8	61-76
C6AE	FORD	6.4	No Model	HD	391	V 8	64-79
C6AE	FORD	6.4	No Model	M	390	V 8	68-76
C6AE	FORD	7.0	FE		428	V 8	66-70
C6AE-A	FORD	7.0	FE		428	V 8	66-70
C6AE-AA	FORD	6.4	No Model	H	390	V 8	61-76
C6AE-AA	FORD	6.4	No Model	M	390	V 8	68-76
C6AE-AA	FORD	7.0	FE		428	V 8	66-70
C6AE-AD	FORD	7.0	FE		428	V 8	66-70
C6AE-B	FORD	3.9	No Model	A	240	L 6	65-74
C6AE-B	FORD	4.7	FALCON	K	289	V 8	64-68
C6AE-B	FORD	4.9	CSG-649		300	L 6	65-93
C6AE-B	FORD	4.9	No Model		300	L 6	76-85
C6AE-B	FORD	4.9	No Model	9	300	L 6	82-84
C6AE-B	FORD	4.9	No Model	B	300	L 6	73-79
C6AE-B	FORD	4.9	No Model	Y	300	L 6	83-84
C6AE-B-755	FORD	3.9	No Model	A	240	L 6	65-74
C6AE-C	FORD	3.9	No Model	A	240	L 6	65-74
C6AE-C	FORD	4.9	CSG-649		300	L 6	65-93
C6AE-C	FORD	4.9	No Model		300	L 6	76-85
C6AE-C	FORD	4.9	No Model	9	300	L 6	82-84
C6AE-C	FORD	4.9	No Model	B	300	L 6	73-79
C6AE-C	FORD	4.9	No Model	Y	300	L 6	83-84
C6AE-G	FORD	4.7	FALCON	K	289	V 8	64-68
C6AE-G	FORD	5.8	No Model		352	V 8	58-67
C6AE-H	FORD	3.9	No Model	A	240	L 6	65-74
C6AE-J	FORD	6.4	No Model	H	390	V 8	61-76
C6AE-J	FORD	6.4	No Model	M	390	V 8	68-76
C6AE-L	FORD	6.4	No Model	H	390	V 8	61-76
C6AE-L	FORD	6.4	No Model	M	390	V 8	68-76
C6AE-R	FORD	6.4	No Model	H	390	V 8	61-76
C6AE-R	FORD	6.4	No Model	M	390	V 8	68-76
C6AE-U	FORD	6.4	No Model	H	390	V 8	61-76

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
C6AE-U	FORD	6.4	No Model	M	390	V 8	68-76
C6AE-Y	FORD	6.4	No Model	H	390	V 8	61-76
C6AE-Y	FORD	6.4	No Model	M	390	V 8	68-76
C6AE-Z	FORD	6.4	No Model	H	390	V 8	61-76
C6AE-Z	FORD	6.4	No Model	M	390	V 8	68-76
C6DE	FORD	2.8	FALCON	1	170	L 6	61-72
C6DE-A	FORD	2.8	FALCON	1	170	L 6	61-72
C6DE-A	FORD	3.3	No Model	T	200	L 6	63-79
C6DE-B	FORD	2.8	FALCON	1	170	L 6	61-72
C6DE-B	FORD	3.3	No Model	T	200	L 6	63-79
C6DE-B-662B	FORD	2.8	FALCON	1	170	L 6	61-72
C6DE-C-933	FORD	2.8	FALCON	1	170	L 6	61-72
C6DE-G	FORD	4.7	No Model	C	289	V 8	63-68
C6DE-H	FORD	3.3	No Model	T	200	L 6	63-79
C6NE6090	FORD	4.2	5000	G	256	L 4	68-72
C6NN6090A	FORD	4.2	5000	G	256	L 4	68-72
C6NN-A	FORD	4.2	5000	G	256	L 4	68-72
C6OE	FORD	4.7	FALCON	K	289	V 8	64-68
C6OE-A	FORD	6.4	No Model	H	390	V 8	61-76
C6OE-A	FORD	6.4	No Model	M	390	V 8	68-76
C6OE-AA	FORD	4.7	FALCON	K	289	V 8	64-68
C6OE-AA-843	FORD	6.4	No Model	H	390	V 8	61-76
C6OE-AA-843	FORD	6.4	No Model	M	390	V 8	68-76
C6OE-AB	FORD	6.4	No Model	H	390	V 8	61-76
C6OE-AB	FORD	6.4	No Model	M	390	V 8	68-76
C6OE-AB-842	FORD	6.4	No Model	H	390	V 8	61-76
C6OE-AB-842	FORD	6.4	No Model	M	390	V 8	68-76
C6OE-AE	FORD	6.4	No Model	H	390	V 8	61-76
C6OE-AE	FORD	6.4	No Model	M	390	V 8	68-76
C6OE-AF	FORD	6.4	No Model	H	390	V 8	61-76
C6OE-AF	FORD	6.4	No Model	M	390	V 8	68-76
C6OE-C	FORD	4.7	FALCON	K	289	V 8	64-68
C6OE-C	FORD	4.7	No Model	C	289	V 8	63-68
C6OE-E	FORD	4.7	FALCON	K	289	V 8	64-68
C6OE-E	FORD	4.7	No Model	C	289	V 8	63-68
C6OE-J	FORD	6.4	No Model	H	390	V 8	61-76
C6OE-J	FORD	6.4	No Model	M	390	V 8	68-76
C6OE-L	FORD	6.4	No Model	H	390	V 8	61-76
C6OE-L	FORD	6.4	No Model	M	390	V 8	68-76
C6OE-M	FORD	4.7	FALCON	K	289	V 8	64-68
C6OE-M	FORD	4.7	No Model	C	289	V 8	63-68
C6OE-N	FORD	4.7	FALCON	K	289	V 8	64-68
C6OE-R	FORD	6.4	No Model	H	390	V 8	61-76
C6OE-R	FORD	6.4	No Model	M	390	V 8	68-76
C6TE	FORD	3.9	No Model	A	240	L 6	65-74
C6TE	FORD	4.9	No Model		300	L 6	76-85
C6TE	FORD	4.9	No Model	Y	300	L 6	83-84
C6TE-A	FORD	3.9	No Model	A	240	L 6	65-74
C6TE-A	FORD	4.9	CSG-649		300	L 6	65-93
C6TE-A	FORD	4.9	No Model		300	L 6	76-85
C6TE-A	FORD	4.9	No Model	9	300	L 6	82-84
C6TE-A	FORD	4.9	No Model	B	300	L 6	73-79
C6TE-B	FORD	3.9	No Model	A	240	L 6	65-74
C6TE-B	FORD	4.9	CSG-649		300	L 6	65-93
C6TE-B	FORD	4.9	No Model		300	L 6	76-85
C6TE-B	FORD	4.9	No Model	9	300	L 6	82-84
C6TE-B	FORD	4.9	No Model	B	300	L 6	73-79

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
C6TE-C	FORD	3.9	No Model	A	240	L 6	65-74
C6TE-C	FORD	4.9	CSG-649		300	L 6	65-93
C6TE-C	FORD	4.9	No Model		300	L 6	76-85
C6TE-C	FORD	4.9	No Model	9	300	L 6	82-84
C6TE-C	FORD	4.9	No Model	B	300	L 6	73-79
C6TE-C	FORD	4.9	No Model	Y	300	L 6	83-84
C6TE-G	FORD	3.9	No Model	A	240	L 6	65-74
C6TE-G	FORD	4.7	FALCON	K	289	V 8	64-68
C6TE-G	FORD	4.9	CSG-649		300	L 6	65-93
C6TE-G	FORD	4.9	No Model		300	L 6	76-85
C6TE-G	FORD	4.9	No Model	9	300	L 6	82-84
C6TE-G	FORD	4.9	No Model	B	300	L 6	73-79
C6TE-G	FORD	4.9	No Model	Y	300	L 6	83-84
C6TE-G	FORD	6.4	No Model	H	390	V 8	61-76
C6TE-G	FORD	6.4	No Model	M	390	V 8	68-76
C6VE-A	FORD	7.5	No Model	A	460	V 8	74-78
C6VE-A	FORD	7.6	No Model		462	V 8	66-68
C6VE-B	FORD	7.5	No Model	A	460	V 8	74-78
C6VE-B	FORD	7.6	No Model		462	V 8	66-68
C6VE-C	FORD	7.5	No Model	A	460	V 8	74-78
C6VE-C	FORD	7.6	No Model		462	V 8	66-68
C6VE-D	FORD	7.5	No Model	A	460	V 8	74-78
C6VE-D	FORD	7.6	No Model		462	V 8	66-68
C70Z-B	FORD	4.7	No Model	C	289	V 8	63-68
C7AE	FORD	4.7	FALCON	K	289	V 8	64-68
C7AE	FORD	5.0	No Model	F	302	V 8	56-65
C7AE	FORD	5.9	No Model	Y	360	V 8	68-78
C7AE	FORD	6.4	No Model	H	390	V 8	61-76
C7AE	FORD	6.4	No Model	M	390	V 8	68-76
C7AE	FORD	7.0	FE		428	V 8	66-70
C7AE-A	FORD	6.4	No Model	H	390	V 8	61-76
C7AE-A	FORD	6.4	No Model	HD	391	V 8	64-79
C7AE-A	FORD	6.4	No Model	M	390	V 8	68-76
C7AE-A	FORD	6.7	No Model		410	V 8	66-67
C7AE-B	FORD	6.4	No Model	H	390	V 8	61-76
C7AE-B	FORD	6.4	No Model	M	390	V 8	68-76
C7DE	FORD	2.8	FALCON	1	170	L 6	61-72
C7DE-A	FORD	2.8	FALCON	1	170	L 6	61-72
C7DE-A	FORD	3.3	No Model	T	200	L 6	63-79
C7DE-C	FORD	2.8	FALCON	1	170	L 6	61-72
C7DE-C	FORD	3.3	No Model	T	200	L 6	63-79
C7JE-A	FORD	7.0	FE MARINE		427	V 8	63-68
C7NE-AE	FORD	2.6	2000 SERIES	D	158	L 3	61-75
C7NE-AE	FORD	3.3	555	D	201	L 3	75-90
C7NN-2	FORD	2.9	3000	D	175	L 3	61-75
C7NN-6090-AA	FORD	3.3	535	G	201	L 3	65-72
C7NN6090AB	FORD	2.6	2000 SERIES	D	158	L 3	61-75
C7NN6090AB	FORD	2.9	3000	D	175	L 3	61-75
C7NN-6090-AB	FORD	3.3	555	D	201	L 3	75-90
C7NN-6090-AB	FORD	3.3	BSD-333		201	L 3	65-72
C7NN6090AC	FORD	4.2	5000	D	256	L 4	72-78
C7NN-6090-AC	FORD	4.2	5000	D	256	L 4	72-78
C7NN-6090-AD	FORD	6.6	BSD-666		401	L 6	68-82
C7NN-6090-AD	FORD	6.6	BSD-666T		401	L 6	68-94
C7NN-6090-AD	FORD	6.6	BSD-666T(2)		401	L 6	68-82
C7NN-6090-AE	FORD	2.9	3000	D	175	L 3	61-75
C7NN6090M	FORD	2.6	2000 SERIES	D	158	L 3	61-75

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
C7NN6090M	FORD	2.9	3000	D	175	L 3	61-75
C7NN6090M	FORD	3.3	555	D	201	L 3	75-90
C7NN6090N	FORD	4.2	5000	D	256	L 4	72-78
C7NN-6090-Y	FORD	2.9	3000	D	175	L 3	61-75
C7NN-AA	FORD	3.3	535	G	201	L 3	65-72
C7NN-AA	FORD	3.3	555	D	201	L 3	75-90
C7NN-AA	FORD	3.3	BSD-333		201	L 3	65-72
C7NN-AA	FORD	3.3	No Model	T	200	L 6	63-79
C7NN-AB	FORD	2.9	3000	D	175	L 3	61-75
C7NN-AB	FORD	3.3	555	D	201	L 3	75-90
C7NN-AB	FORD	3.3	BSD-333		201	L 3	65-72
C7NN-AB	FORD	3.3	No Model	T	200	L 6	63-79
C7NN-AC	FORD	4.2	5000	D	256	L 4	72-78
C7NN-AC	FORD	4.2	BSD-442		256	L 4	
C7NN-AC	FORD	4.2	BSD-442T		256	L 4	
C7NN-AC	FORD	4.2	BSD-442T		256	L 4	
C7NN-BB	FORD	3.3	555	D	201	L 3	75-90
C7NN-BB	FORD	3.3	BSD-333		201	L 3	65-72
C7NN-N	FORD	4.2	5000	D	256	L 4	72-78
C7NN-N	FORD	4.2	BSD-442		256	L 4	
C7NN-N	FORD	4.2	BSD-442T		256	L 4	
C7OE-A	FORD	4.7	FALCON	K	289	V 8	64-68
C7OE-A	FORD	4.7	No Model	C	289	V 8	63-68
C7OE-B	FORD	4.7	FALCON	K	289	V 8	64-68
C7OE-B	FORD	4.7	No Model	C	289	V 8	63-68
C7OE-C	FORD	4.7	FALCON	K	289	V 8	64-68
C7OE-C	FORD	4.7	No Model	C	289	V 8	63-68
C7OE-C	FORD	5.0	No Model	F	302	V 8	68-73
C7OE-E	FORD	6.4	No Model	H	390	V 8	61-76
C7OE-E	FORD	6.4	No Model	M	390	V 8	68-76
C7OE-F	FORD	6.4	No Model	H	390	V 8	61-76
C7OE-F	FORD	6.4	No Model	M	390	V 8	68-76
C7OE-G	FORD	5.0	No Model	F	302	V 8	68-69
C7OE-G	FORD	5.0	No Model	F	302	V 8	68-73
C7OF-D	FORD	4.7	FALCON	K	289	V 8	64-68
C7TE	FORD	5.4	No Model		332	V 8	58-59
C7TE	FORD	5.4	No Model	CAR	332	V 8	58-59
C7TE	FORD	5.4	No Model	HD	330	V 8	66-76
C7TE	FORD	5.9	No Model	HD	361	V 8	66-78
C7TE	FORD	6.4	No Model	HD	391	V 8	64-79
C7TE-AA	FORD	7.0	FE		428	V 8	66-70
C7TE-C	FORD	5.4	No Model		332	V 8	58-59
C7TE-C	FORD	5.4	No Model	CAR	332	V 8	58-59
C7TE-C	FORD	5.4	No Model	HD	330	V 8	66-76
C7TE-C	FORD	5.4	No Model	LD	330	V 8	62-65
C7TE-C	FORD	5.9	No Model	HD	361	V 8	66-78
C7TE-C	FORD	5.9	No Model	HD	361	V 8	66-78
C7TE-C	FORD	5.9	No Model	Y	360	V 8	68-78
C7TE-C	FORD	6.4	No Model	H	390	V 8	61-76
C7TE-C	FORD	6.4	No Model	HD	391	V 8	64-79
C7TE-C	FORD	6.4	No Model	M	390	V 8	68-76
C7TE-D	FORD	5.4	No Model		332	V 8	58-59
C7TE-D	FORD	5.4	No Model	CAR	332	V 8	58-59
C7TE-D	FORD	5.4	No Model	HD	330	V 8	66-76
C7TE-D	FORD	5.4	No Model	LD	330	V 8	62-65
C7ZE-A	FORD	4.7	No Model	C	289	V 8	63-68
C80E-L	FORD	5.0	No Model	F	302	V 8	68-73

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
C8AE	FORD	3.9	No Model	A	240	L 6	65-74
C8AE	FORD	4.7	FALCON	K	289	V 8	64-68
C8AE	FORD	4.9	No Model		300	L 6	76-85
C8AE	FORD	4.9	No Model	Y	300	L 6	83-84
C8AE	FORD	5.9	No Model	Y	360	V 8	68-78
C8AE	FORD	6.4	No Model	H	390	V 8	61-76
C8AE	FORD	6.4	No Model	HD	391	V 8	64-79
C8AE	FORD	6.4	No Model	M	390	V 8	68-76
C8AE	FORD	7.0	FE		428	V 8	66-70
C8AE-A	FORD	3.9	No Model	A	240	L 6	65-74
C8AE-A	FORD	5.9	No Model	Y	360	V 8	68-78
C8AE-A	FORD	6.4	No Model	H	390	V 8	61-76
C8AE-A	FORD	6.4	No Model	M	390	V 8	68-76
C8AE-A	FORD	7.0	FE		428	V 8	66-70
C8AE-AB	FORD	6.4	No Model	H	390	V 8	61-76
C8AE-AB	FORD	6.4	No Model	M	390	V 8	68-76
C8AE-B	FORD	5.9	No Model	Y	360	V 8	68-78
C8AE-B	FORD	6.4	No Model	H	390	V 8	61-76
C8AE-B	FORD	6.4	No Model	M	390	V 8	68-76
C8AE-C	FORD	3.9	No Model	A	240	L 6	65-74
C8AE-C	FORD	4.9	CSG-649		300	L 6	65-93
C8AE-C	FORD	4.9	No Model		300	L 6	76-85
C8AE-C	FORD	4.9	No Model	9	300	L 6	82-84
C8AE-C	FORD	4.9	No Model	B	300	L 6	73-79
C8AE-C	FORD	4.9	No Model	Y	300	L 6	83-84
C8AE-D	FORD	3.9	No Model	A	240	L 6	65-74
C8AE-D	FORD	4.9	CSG-649		300	L 6	65-93
C8AE-D	FORD	4.9	No Model		300	L 6	76-85
C8AE-D	FORD	4.9	No Model	9	300	L 6	82-84
C8AE-D	FORD	4.9	No Model	B	300	L 6	73-79
C8AE-D	FORD	4.9	No Model	Y	300	L 6	83-84
C8AE-E	FORD	3.9	No Model	A	240	L 6	65-74
C8AE-E	FORD	4.9	CSG-649		300	L 6	65-93
C8AE-E	FORD	4.9	No Model		300	L 6	76-85
C8AE-E	FORD	4.9	No Model	9	300	L 6	82-84
C8AE-E	FORD	4.9	No Model	B	300	L 6	73-79
C8AE-F	FORD	5.0	No Model	F	302	V 8	68-69
C8AE-G	FORD	3.9	No Model	A	240	L 6	65-74
C8AE-G	FORD	4.9	CSG-649		300	L 6	65-93
C8AE-G	FORD	4.9	No Model		300	L 6	76-85
C8AE-G	FORD	4.9	No Model	9	300	L 6	82-84
C8AE-G	FORD	4.9	No Model	B	300	L 6	73-79
C8AE-G	FORD	6.4	No Model	H	390	V 8	61-76
C8AE-G	FORD	6.4	No Model	M	390	V 8	68-76
C8AE-H	FORD	5.9	No Model	Y	360	V 8	68-78
C8AE-H	FORD	6.4	No Model	H	390	V 8	61-76
C8AE-H	FORD	6.4	No Model	M	390	V 8	68-76
C8AE-J	FORD	5.0	No Model	F	302	V 8	68-69
C8AE-J	FORD	5.0	No Model	F	302	V 8	68-73
C8AZ-D	FORD	4.7	FALCON	K	289	V 8	64-68
C8DE-A	FORD	3.3	No Model	T	200	L 6	63-79
C8DE-B	FORD	2.8	FALCON	1	170	L 6	61-72
C8DE-B	FORD	3.3	No Model	T	200	L 6	63-79
C8DE-C	FORD	2.8	FALCON	1	170	L 6	61-72
C8DE-F	FORD	5.0	No Model	F	302	V 8	68-73
C8JE-C	FORD	2.8	FALCON	1	170	L 6	61-72
C8OE	FORD	4.7	FALCON	K	289	V 8	64-68

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
C8OE	FORD	6.4	No Model	M	390	V 8	68-76
C8OE-A	FORD	6.4	No Model	H	390	V 8	61-76
C8OE-A	FORD	6.4	No Model	M	390	V 8	68-76
C8OE-A	FORD	7.0	No Model	N	429	V 8	68-73
C8OE-B	FORD	6.4	No Model	H	390	V 8	61-76
C8OE-B	FORD	6.4	No Model	M	390	V 8	68-76
C8OE-B	FORD	7.0	No Model	N	429	V 8	68-73
C8OE-D	FORD	4.7	FALCON	K	289	V 8	64-68
C8OE-F	FORD	4.7	FALCON	K	289	V 8	64-68
C8OE-F	FORD	5.0	No Model	F	302	V 8	68-73
C8OE-G	FORD	6.4	No Model	H	390	V 8	61-76
C8OE-G	FORD	6.4	No Model	M	390	V 8	68-76
C8OE-J	FORD	5.0	No Model	F	302	V 8	68-69
C8OE-J	FORD	5.0	No Model	F	302	V 8	68-73
C8OE-J-860	FORD	5.0	No Model	F	302	V 8	68-69
C8OE-K	FORD	5.0	No Model	F	302	V 8	68-73
C8OE-M	FORD	5.0	No Model	F	302	V 8	68-69
C8OE-M	FORD	5.0	No Model	F	302	V 8	68-73
C8OE-N	FORD	7.0	FE		428	V 8	66-70
C8S1A	FORD	4.0	No Model	X	244	V 6	90-02
C8SZ-B	FORD	7.0	No Model	N	429	V 8	68-73
C8TE	FORD	3.9	No Model	A	240	L 6	65-74
C8TE	FORD	4.9	No Model		300	L 6	76-85
C8TE	FORD	4.9	No Model	Y	300	L 6	83-84
C8TE	FORD	5.0	No Model	F	302	V 8	68-69
C8TE-A	FORD	3.9	No Model	A	240	L 6	65-74
C8TE-A	FORD	4.7	FALCON	K	289	V 8	64-68
C8TE-A	FORD	4.9	No Model	B	300	L 6	73-79
C8TE-A	FORD	4.9	No Model	Y	300	L 6	83-84
C8TE-B	FORD	5.4	No Model		332	V 8	58-59
C8TE-B	FORD	5.4	No Model	CAR	332	V 8	58-59
C8TE-B	FORD	5.4	No Model	HD	330	V 8	66-76
C8TE-B	FORD	5.4	No Model	LD	330	V 8	62-65
C8TE-D	FORD	3.9	No Model	A	240	L 6	65-74
C8TE-D	FORD	4.9	CSG-649		300	L 6	65-93
C8TE-D	FORD	4.9	No Model		300	L 6	76-85
C8TE-D	FORD	4.9	No Model	9	300	L 6	82-84
C8TE-D	FORD	4.9	No Model	B	300	L 6	73-79
C8TE-D	FORD	5.4	No Model		332	V 8	58-59
C8TE-D	FORD	5.4	No Model	CAR	332	V 8	58-59
C8TE-D	FORD	5.4	No Model	HD	330	V 8	66-76
C8TE-D	FORD	5.4	No Model	LD	330	V 8	62-65
C8TE-D	FORD	5.9	No Model	HD	361	V 8	66-78
C8TE-D	FORD	6.4	No Model	H	390	V 8	61-76
C8TE-D	FORD	6.4	No Model	HD	391	V 8	64-79
C8TE-D	FORD	6.4	No Model	M	390	V 8	68-76
C8TE-E	FORD	4.9	CSG-649		300	L 6	65-93
C8TE-E	FORD	4.9	No Model		300	L 6	76-85
C8TE-E	FORD	4.9	No Model	9	300	L 6	82-84
C8TE-E	FORD	4.9	No Model	B	300	L 6	73-79
C8TE-E	FORD	6.6	No Model	HD	401	V 8	58-76
C8TE-E	FORD	7.8	No Model		475	V 8	73-79
C8TE-E	FORD	7.8	No Model	GAS	477	V 8	78-81
C8TE-E	FORD	8.8	No Model		534	V 8	58-81
C8TE-T	FORD	4.9	CSG-649		300	L 6	65-93
C8TE-T	FORD	4.9	No Model		300	L 6	76-85
C8TE-T	FORD	4.9	No Model	9	300	L 6	82-84

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
C8TE-T	FORD	4.9	No Model	B	300	L 6	73-79
C8UE-F	FORD	7.0	No Model	N	429	V 8	68-73
C8VE-A	FORD	7.0	No Model	N	429	V 8	68-73
C8VE-A	FORD	7.5	No Model	A	460	V 8	68-73
C8VE-A	FORD	7.5	No Model	A	460	V 8	74-78
C8VE-A	FORD	7.5	No Model	C	460	V 8	75-76
C8VE-C	FORD	7.0	No Model	N	429	V 8	68-73
C8VE-C	FORD	7.5	No Model	A	460	V 8	68-73
C8VE-C	FORD	7.5	No Model	A	460	V 8	74-78
C8VE-C	FORD	7.5	No Model	C	460	V 8	75-76
C8VE-E	FORD	7.0	No Model	N	429	V 8	68-73
C8VE-E	FORD	7.5	No Model	A	460	V 8	68-73
C8VE-E	FORD	7.5	No Model	A	460	V 8	74-78
C8VE-E	FORD	7.5	No Model	C	460	V 8	75-76
C8VE-E-879A	FORD	7.0	No Model	N	429	V 8	68-73
C8VE-F	FORD	7.0	No Model	N	429	V 8	68-73
C8VE-F	FORD	7.5	No Model	A	460	V 8	68-73
C8VE-F	FORD	7.5	No Model	A	460	V 8	74-78
C8VE-F	FORD	7.5	No Model	C	460	V 8	75-76
C8WE-A	FORD	7.0	No Model	N	429	V 8	68-73
C8ZE-B	FORD	4.7	FALCON	K	289	V 8	64-68
C9AE-A	FORD	7.0	No Model	N	429	V 8	68-73
C9DE	FORD	2.8	FALCON	1	170	L 6	61-72
C9DE	FORD	3.3	No Model	T	200	L 6	63-79
C9DE	FORD	4.1	No Model	L	250	L 6	79-81
C9DE-A	FORD	2.8	FALCON	1	170	L 6	61-72
C9DE-A	FORD	3.3	No Model	T	200	L 6	63-79
C9DE-B	FORD	2.8	FALCON	1	170	L 6	61-72
C9DE-B	FORD	3.3	No Model	T	200	L 6	63-79
C9DE-C	FORD	2.8	FALCON	1	170	L 6	61-72
C9DE-C	FORD	3.3	No Model	T	200	L 6	63-79
C9DE-F	FORD	3.3	No Model	T	200	L 6	63-79
C9DE-F	FORD	4.1	No Model	L	250	L 6	79-81
C9DE-F-858	FORD	3.3	No Model	T	200	L 6	63-79
C9DE-F-858	FORD	4.1	No Model	L	250	L 6	79-81
C9DE-I	FORD	2.8	FALCON	1	170	L 6	61-72
C9DE-I	FORD	3.3	No Model	T	200	L 6	63-79
C9DE-J	FORD	2.8	FALCON	1	170	L 6	61-72
C9DE-J	FORD	3.3	No Model	T	200	L 6	63-79
C9DE-K	FORD	2.8	FALCON	1	170	L 6	61-72
C9DE-K	FORD	3.3	No Model	T	200	L 6	63-79
C9DE-L	FORD	3.3	No Model	T	200	L 6	63-79
C9DE-M	FORD	2.8	FALCON	1	170	L 6	61-72
C9DE-M	FORD	3.3	No Model	T	200	L 6	63-79
C9DE-M	FORD	4.1	No Model	L	250	L 6	79-81
C9DE-M-858	FORD	3.3	No Model	T	200	L 6	63-79
C9DE-M-858	FORD	4.1	No Model	L	250	L 6	79-81
C9DE-N	FORD	4.1	No Model	L	250	L 6	79-81
C9DE-R	FORD	2.8	FALCON	1	170	L 6	61-72
C9DE-R	FORD	3.3	No Model	T	200	L 6	63-79
C9DZ-A	FORD	3.3	No Model	T	200	L 6	63-79
C9DZ-B	FORD	2.8	FALCON	1	170	L 6	61-72
C9DZ-B	FORD	3.3	No Model	T	200	L 6	63-79
C9DZ-D	FORD	2.8	FALCON	1	170	L 6	61-72
C9DZ-D	FORD	3.3	No Model	T	200	L 6	63-79
C9OE-B	FORD	2.8	FALCON	1	170	L 6	61-72
C9OE-B	FORD	3.3	No Model	T	200	L 6	63-79

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
C9OE-B	FORD	5.8	No Model	H	351	V 8	69-78
C9OE-B	FORD	5.8	No Model	M	351	V 8	69-71
C9OE-B	FORD	5.8	No Model	Q	351	V 8	68-74
C9OE-D	FORD	5.8	No Model	H	351	V 8	69-78
C9OE-D	FORD	5.8	No Model	M	351	V 8	69-71
C9OE-D	FORD	5.8	No Model	Q	351	V 8	68-74
C9OE-E	FORD	5.0	No Model	F	302	V 8	68-69
C9OE-M	FORD	4.1	No Model	C	250	L 6	69-80
C9OE-M	FORD	4.7	FALCON	K	289	V 8	64-68
C9TE-B	FORD	5.0	No Model	F	302	V 8	68-69
C9TE-C	FORD	5.0	No Model	F	302	V 8	68-73
C9TE-C-856	FORD	5.0	No Model	F	302	V 8	68-69
C9UE-B	FORD	7.0	No Model	N	429	V 8	68-73
C9VE	FORD	7.0	No Model	N	429	V 8	68-73
C9VE-A	FORD	7.0	No Model	N	429	V 8	68-73
C9VE-A	FORD	7.5	No Model	A	460	V 8	68-73
C9VE-A	FORD	7.5	No Model	A	460	V 8	74-78
C9VE-A	FORD	7.5	No Model	C	460	V 8	74-77
C9VE-A	FORD	7.5	No Model	C	460	V 8	75-76
C9VE-A	FORD	7.5	No Model	C	460	V 8	78
C9VE-A-879B	FORD	7.0	No Model	N	429	V 8	68-73
C9ZE-A	FORD	5.0	No Model	F	302	V 8	68-69
C9ZE-A	FORD	5.0	No Model	G	302	V 8	69-71
CA25	ACURA	2.5	LEGEND	C25A1	151	V 6	86-87
CAS-1A	FORD	4.0	No Model	X	244	V 6	90-02
CAS-1A	MAZDA	4.0	B4000	X	244	V 6	90-98
CD16202	JOHN DEERE	3.9	239T		239	L 4	
CD16202	JOHN DEERE	3.9	2750		239	L 4	
CONN-6049-C	FORD	4.0	6000	D	242	L 6	60-70
CONN6049E	FORD	4.0	6000	D	242	L 6	60-70
CONN-6049-G	FORD	4.0	6000	D	242	L 6	60-70
CONN6090C	FORD	4.0	6000	D	242	L 6	60-70
D00E	FORD	7.0	No Model	N	429	V 8	68-73
D00E-K	FORD	7.0	No Model	N	429	V 8	68-73
D00E-R	FORD	7.0	No Model	N	429	V 8	68-73
D0AE	FORD	5.0	No Model	F	302	V 8	83-87
D0AE	FORD	5.0	No Model	M	302	V 8	84-87
D0AE	FORD	5.8	No Model	Q	351	V 8	70-74
D0AE	FORD	6.6	No Model	S	400	V 8	71-79
D0AE-A	FORD	5.8	No Model	Q	351	V 8	70-74
D0AE-C	FORD	6.6	No Model	S	400	V 8	71-79
D0AE-E	FORD	6.6	No Model	S	400	V 8	71-79
D0AE-G	FORD	5.8	No Model	Q	351	V 8	70-74
D0AE-H	FORD	5.8	No Model	Q	351	V 8	70-74
D0AE-J	FORD	5.8	No Model	Q	351	V 8	70-74
D0AE-J	FORD	6.6	No Model	S	400	V 8	71-79
D0AE-N	FORD	5.8	No Model	Q	351	V 8	70-74
D0AE-R	FORD	5.8	No Model	Q	351	V 8	70-74
D0AZ-A	FORD	6.6	No Model	S	400	V 8	71-79
D0AZ-B	FORD	6.6	No Model	S	400	V 8	71-79
D0AZ-G	FORD	6.6	No Model	S	400	V 8	71-79
D0DE-A	FORD	2.8	FALCON	1	170	L 6	61-72
D0DE-A	FORD	4.1	No Model	L	250	L 6	79-81
D0DE-AA	FORD	3.3	No Model	T	200	L 6	63-79
D0JE-E	FORD	7.8	No Model		475	V 8	73-79
D0JE-E	FORD	7.8	No Model	GAS	477	V 8	78-81
D0NN-6090-C	FORD	6.6	BSD-666T(2)		401	L 6	68-82

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
D0OE-B	FORD	5.0	No Model	F	302	V 8	68-69
D0OE-B	FORD	5.0	No Model	F	302	V 8	68-73
D0OE-C	FORD	5.8	No Model	H	351	V 8	69-78
D0OE-C	FORD	5.8	No Model	M	351	V 8	69-71
D0OE-C	FORD	5.8	No Model	Q	351	V 8	68-74
D0OE-G	FORD	5.8	No Model	H	351	V 8	69-78
D0OE-G	FORD	5.8	No Model	M	351	V 8	69-71
D0OE-G	FORD	5.8	No Model	Q	351	V 8	68-74
D0OE-Z	FORD	5.8	No Model	H	351	V 8	69-78
D0OZ-A	FORD	2.8	FALCON	1	170	L 6	61-72
D0OZ-C	FORD	5.8	No Model	Q	351	V 8	68-74
D0TE	FORD	6.6	No Model	HD	401	V 8	58-76
D0TE	FORD	7.8	No Model		475	V 8	73-79
D0TE-A	FORD	6.6	No Model	HD	401	V 8	58-76
D0TE-A	FORD	7.8	No Model		475	V 8	73-79
D0TE-A	FORD	7.8	No Model	GAS	477	V 8	78-81
D0TE-A	FORD	8.8	No Model		534	V 8	58-81
D0VE-A	FORD	7.5	No Model	A	460	V 8	68-73
D0VE-A	FORD	7.5	No Model	A	460	V 8	74-78
D0VE-A	FORD	7.5	No Model	C	460	V 8	74-77
D0VE-A	FORD	7.5	No Model	C	460	V 8	75-76
D0VE-A	FORD	7.5	No Model	C	460	V 8	78
D0VE-C	FORD	7.0	No Model	N	429	V 8	68-73
D0VE-D	FORD	7.5	No Model	A	460	V 8	68-73
D0VE-D	FORD	7.5	No Model	A	460	V 8	74-78
D0VE-D	FORD	7.5	No Model	C	460	V 8	74-77
D0VE-D	FORD	7.5	No Model	C	460	V 8	75-76
D0VE-D	FORD	7.5	No Model	C	460	V 8	78
D0ZE-A	FORD	5.0	No Model	G	302	V 8	69-71
D17	NISSAN	2.0	No Model	CA20S	120	L 4	82-83
D-17	NISSAN	2.0	200SX	H	120	L 4	84-86
D18R22A	FORD	1.1	KSG 1.1		67	L 4	93-98
D18R22A	FORD	1.6	INDUSTRIAL		98	L 4	78-93
D18R22A	FORD	1.6	KSG 1.6		98	L 4	78-96
D18R22A	FORD	1.6	PINTO,FESTIVA		98	L 4	76-80
D1AE	FORD	5.0	No Model	F	302	V 8	83-87
D1AE	FORD	5.0	No Model	M	302	V 8	84-87
D1AE	FORD	5.8	No Model	Q	351	V 8	70-74
D1AE	FORD	6.6	No Model	S	400	V 8	71-79
D1AE-A	FORD	5.8	No Model	Q	351	V 8	70-74
D1AE-A	FORD	6.6	No Model	S	400	V 8	71-79
D1AE-A1C	FORD	5.8	No Model	Q	351	V 8	70-74
D1AE-A1C	FORD	6.6	No Model	S	400	V 8	71-79
D1AE-A2C	FORD	6.6	No Model	S	400	V 8	71-79
D1AE-AB	FORD	5.8	No Model	Q	351	V 8	70-74
D1AE-AB	FORD	6.6	No Model	S	400	V 8	71-79
D1AE-AC	FORD	5.8	No Model	Q	351	V 8	70-74
D1AE-AC	FORD	6.6	No Model	S	400	V 8	71-79
D1AE-CB	FORD	6.6	No Model	S	400	V 8	71-79
D1AE-GA	FORD	5.8	No Model	Q	351	V 8	70-74
D1FZ	FORD	2.0	PINTO	N	122	L 4	71-74
D1FZ	FORD	2.0	PINTO	X	122	L 4	74-74
D1NL-C	FORD	2.8	No Model	G	172	L 4	53-80
D1NL-D	FORD	2.8	No Model	G	172	L 4	53-80
D1NL-D	FORD	3.1	No Model	D	192	L 4	65-72
D1NL-D	FORD	3.1	No Model	G	192	L 4	64-79
D1TE	FORD	5.4	No Model		332	V 8	58-59

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
D1TE	FORD	5.4	No Model	CAR	332	V 8	58-59
D1TE-FA	FORD	5.4	No Model		332	V 8	58-59
D1TE-FA	FORD	5.4	No Model	CAR	332	V 8	58-59
D1TE-FA	FORD	5.4	No Model	HD	330	V 8	66-76
D1TE-FA	FORD	5.4	No Model	LD	330	V 8	62-65
D1TE-FA	FORD	5.9	No Model	HD	361	V 8	66-78
D1TE-FA	FORD	6.4	No Model	H	390	V 8	61-76
D1TE-FA	FORD	6.4	No Model	HD	391	V 8	64-79
D1TZ-A	FORD	5.0	No Model	F	302	V 8	68-73
D1VE	FORD	5.8	No Model	Q	351	V 8	70-74
D1VE-A1A	FORD	7.5	No Model	A	460	V 8	68-73
D1VE-A1A	FORD	7.5	No Model	A	460	V 8	74-78
D1VE-A1A	FORD	7.5	No Model	C	460	V 8	74-77
D1VE-A1A	FORD	7.5	No Model	C	460	V 8	75-76
D1VE-A1A	FORD	7.5	No Model	C	460	V 8	78
D1ZE-A	FORD	5.0	No Model	G	302	V 8	69-71
D1ZE-DA	FORD	5.8	No Model	Q	351	V 8	70-74
D2AE	FORD	3.9	No Model	A	240	L 6	65-74
D2AE	FORD	4.9	No Model		300	L 6	76-85
D2AE	FORD	4.9	No Model	Y	300	L 6	83-84
D2AE-A	FORD	6.4	No Model	M	390	V 8	68-76
D2AE-AA	FORD	3.9	No Model	A	240	L 6	65-74
D2AE-AA	FORD	4.9	CSG-649		300	L 6	65-93
D2AE-AA	FORD	4.9	No Model		300	L 6	76-85
D2AE-AA	FORD	4.9	No Model	9	300	L 6	82-84
D2AE-AA	FORD	4.9	No Model	B	300	L 6	73-79
D2AE-AA	FORD	4.9	No Model	C	300	L 6	78
D2AE-AA	FORD	4.9	No Model	K	300	L 6	78-79
D2AE-AA	FORD	4.9	No Model	Y	300	L 6	83-84
D2AE-BA	FORD	4.9	No Model		300	L 6	76-85
D2AE-BA	FORD	4.9	No Model	B	300	L 6	73-79
D2DE-AA	FORD	4.1	No Model	L	250	L 6	79-81
D2OE AB	FORD	7.0	No Model	N	429	V 8	68-73
D2OE-AB	FORD	7.5	No Model	A	460	V 8	68-73
D2OE-AB	FORD	7.5	No Model	A	460	V 8	74-78
D2OE-AB	FORD	7.5	No Model	C	460	V 8	74-77
D2OE-AB	FORD	7.5	No Model	C	460	V 8	75-76
D2OE-AB	FORD	7.5	No Model	C	460	V 8	78
D2OE-BA	FORD	5.0	No Model	F	302	V 8	68-69
D2OE-BA	FORD	5.0	No Model	F	302	V 8	68-73
D2TE	FORD	3.9	No Model	A	240	L 6	65-74
D2TE	FORD	4.9	No Model		300	L 6	76-85
D2TE	FORD	4.9	No Model	Y	300	L 6	83-84
D2TE-AA	FORD	3.9	No Model	A	240	L 6	65-74
D2TE-AA	FORD	5.8	No Model		352	V 8	58-67
D2TE-AA	FORD	5.9	No Model	Y	360	V 8	68-78
D2TE-AA	FORD	6.4	No Model	H	390	V 8	61-76
D2TE-AA	FORD	6.4	No Model	M	390	V 8	68-76
D2TE-BA	FORD	3.9	No Model	A	240	L 6	65-74
D2TE-BA	FORD	4.9	CSG-649		300	L 6	65-93
D2TE-BA	FORD	4.9	No Model		300	L 6	76-85
D2TE-BA	FORD	4.9	No Model	9	300	L 6	82-84
D2TE-BA	FORD	4.9	No Model	B	300	L 6	73-79
D2TE-BA	FORD	4.9	No Model	C	300	L 6	78
D2TE-BA	FORD	4.9	No Model	K	300	L 6	78-79
D2TE-BA	FORD	4.9	No Model	Y	300	L 6	83-84
D2TE-D	FORD	4.9	CSG-649		300	L 6	65-93

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
D2TE-D	FORD	4.9	No Model		300	L 6	76-85
D2TE-D	FORD	4.9	No Model	9	300	L 6	82-84
D2TE-D	FORD	4.9	No Model	B	300	L 6	73-79
D2TE-D	FORD	4.9	No Model	C	300	L 6	78
D2TE-D	FORD	4.9	No Model	K	300	L 6	78-79
D2TE-GA	FORD	4.9	CSG-649		300	L 6	65-93
D2TE-GA	FORD	4.9	No Model		300	L 6	76-85
D2TE-GA	FORD	4.9	No Model	9	300	L 6	82-84
D2TE-GA	FORD	4.9	No Model	B	300	L 6	73-79
D2TE-GA	FORD	4.9	No Model	C	300	L 6	78
D2TE-GA	FORD	4.9	No Model	K	300	L 6	78-79
D2UE-A	FORD	7.0	No Model	N	429	V 8	68-73
D2VE	FORD	7.5	No Model	A	460	V 8	68-73
D2VE	FORD	7.5	No Model	A	460	V 8	74-78
D2VE-A	FORD	7.0	No Model	N	429	V 8	68-73
D2VE-A	FORD	7.5	No Model	A	460	V 8	68-73
D2VE-A	FORD	7.5	No Model	A	460	V 8	74-78
D2VE-A	FORD	7.5	No Model	C	460	V 8	74-77
D2VE-A	FORD	7.5	No Model	C	460	V 8	75-76
D2VE-A	FORD	7.5	No Model	C	460	V 8	78
D2VE-AA	FORD	7.0	No Model	N	429	V 8	68-73
D2VE-AA	FORD	7.5	No Model	A	460	V 8	68-73
D2VE-AA	FORD	7.5	No Model	A	460	V 8	74-78
D2VE-AA	FORD	7.5	No Model	C	460	V 8	74-77
D2VE-AA	FORD	7.5	No Model	C	460	V 8	75-76
D2VE-AA	FORD	7.5	No Model	C	460	V 8	78
D2VE-B	FORD	7.0	No Model	N	429	V 8	68-73
D2VE-B	FORD	7.5	No Model	A	460	V 8	68-73
D2VE-B	FORD	7.5	No Model	A	460	V 8	74-78
D2VE-B	FORD	7.5	No Model	C	460	V 8	74-77
D2VE-B	FORD	7.5	No Model	C	460	V 8	75-76
D2VE-B	FORD	7.5	No Model	C	460	V 8	78
D30E-BA	FORD	5.0	No Model	F	302	V 8	68-69
D3A	FORD	5.0	No Model	F	302	V 8	83-87
D3A	FORD	5.0	No Model	M	302	V 8	84-87
D3A	FORD	6.6	No Model	S	400	V 8	71-79
D3AE	FORD	5.8	No Model	Q	351	V 8	70-74
D3AE-A1A	FORD	5.8	No Model	Q	351	V 8	70-74
D3AE-A1A	FORD	6.6	No Model	S	400	V 8	71-79
D3AE-A2A	FORD	7.0	No Model	N	429	V 8	68-73
D3AE-A2B	FORD	5.8	No Model	Q	351	V 8	70-74
D3AE-A2B	FORD	6.6	No Model	S	400	V 8	71-79
D3AE-G2B	FORD	5.8	No Model	Q	351	V 8	70-74
D3AE-G2B	FORD	6.6	No Model	S	400	V 8	71-79
D3DE	FORD	3.3	No Model	T	200	L 6	63-79
D3DE-AA	FORD	3.3	No Model	T	200	L 6	63-79
D3DE-AA	FORD	4.1	No Model	L	250	L 6	79-81
D3JL6090-C	FORD	2.8	No Model	D	172	L 4	55-60
D3JL-6090-C	FORD	2.8	No Model	D	172	L 4	55-60
D3JL-6090-C	FORD	3.1	No Model	D	192	L 4	65-72
D3NN-6090-G	FORD	2.9	2000	G	175	L 3	65-68
D3NN-6090-G	FORD	3.3	535	G	201	L 3	65-72
D3NN-6090-L	FORD	3.8	5000	D	233	L 4	72-78
D3NN-L	FORD	4.2	BSD-442		256	L 4	
D3OE	FORD	5.0	No Model	F	302	V 8	68-69
D3TE	FORD	3.9	No Model	A	240	L 6	65-74
D3TE	FORD	4.9	No Model		300	L 6	76-85

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
D3TE	FORD	4.9	No Model	Y	300	L 6	83-84
D3TE-AA	FORD	3.9	No Model	A	240	L 6	65-74
D3TE-AA	FORD	4.9	CSG-649		300	L 6	65-93
D3TE-AA	FORD	4.9	No Model		300	L 6	76-85
D3TE-AA	FORD	4.9	No Model	9	300	L 6	82-84
D3TE-AA	FORD	4.9	No Model	B	300	L 6	73-79
D3TE-AA	FORD	4.9	No Model	C	300	L 6	78
D3TE-AA	FORD	4.9	No Model	K	300	L 6	78-79
D3TE-AA	FORD	4.9	No Model	Y	300	L 6	83-84
D3TE-BA	FORD	4.9	CSG-649		300	L 6	65-93
D3TE-BA	FORD	4.9	No Model		300	L 6	76-85
D3TE-BA	FORD	4.9	No Model	9	300	L 6	82-84
D3TE-BA	FORD	4.9	No Model	B	300	L 6	73-79
D3TE-BA	FORD	4.9	No Model	C	300	L 6	78
D3TE-BA	FORD	4.9	No Model	K	300	L 6	78-79
D3TE-C2A	FORD	6.4	No Model	H	390	V 8	61-76
D3TE-C2A	FORD	6.4	No Model	M	390	V 8	68-76
D3TE-D	FORD	7.8	No Model		475	V 8	73-79
D3TE-FA	FORD	5.4	No Model		332	V 8	58-59
D3TE-FA	FORD	5.4	No Model	CAR	332	V 8	58-59
D3TE-FA	FORD	5.4	No Model	HD	330	V 8	66-76
D3TE-FA	FORD	5.4	No Model	LD	330	V 8	62-65
D3TE-FA	FORD	5.9	No Model	HD	361	V 8	66-78
D3TE-FA	FORD	6.4	No Model	H	390	V 8	61-76
D3TE-FA	FORD	6.4	No Model	HD	391	V 8	64-79
D3TE-GA	FORD	4.9	CSG-649		300	L 6	65-93
D3TE-GA	FORD	4.9	No Model		300	L 6	76-85
D3UE-AA	FORD	5.0	No Model	F	302	V 8	68-69
D3VE	FORD	7.5	No Model	A	460	V 8	74-78
D3VE	FORD	7.5	No Model	J	460	V 8	74-79
D3VE-A	FORD	7.0	No Model	N	429	V 8	68-73
D3VE-A	FORD	7.5	No Model	A	460	V 8	68-73
D3VE-A	FORD	7.5	No Model	A	460	V 8	74-78
D3VE-A	FORD	7.5	No Model	C	460	V 8	74-77
D3VE-A	FORD	7.5	No Model	C	460	V 8	75-76
D3VE-A	FORD	7.5	No Model	C	460	V 8	78
D3VE-A	FORD	7.5	No Model	J	460	V 8	74-79
D3VE-A1A	FORD	7.0	No Model	N	429	V 8	68-73
D3VE-A1A	FORD	7.5	No Model	A	460	V 8	74-78
D3VE-A1A	FORD	7.5	No Model	J	460	V 8	74-79
D3VE-A2A	FORD	7.0	No Model	N	429	V 8	68-73
D3VE-A2A	FORD	7.5	No Model	A	460	V 8	68-73
D3VE-A2A	FORD	7.5	No Model	A	460	V 8	74-78
D3VE-A2A	FORD	7.5	No Model	C	460	V 8	74-77
D3VE-A2A	FORD	7.5	No Model	C	460	V 8	75-76
D3VE-A2A	FORD	7.5	No Model	C	460	V 8	78
D3VE-A2A	FORD	7.5	No Model	J	460	V 8	74-79
D3VE-A2A	FORD	7.5	No Model	L	460	V 8	79-87
D3VE-A2A	MERCUISER	3.7	MIE 470	MIE	224	L 4	
D3VE-A2B	FORD	7.5	No Model	A	460	V 8	68-73
D3VE-A2B	FORD	7.5	No Model	A	460	V 8	74-78
D3VE-A2B	FORD	7.5	No Model	C	460	V 8	74-77
D3VE-A2B	FORD	7.5	No Model	C	460	V 8	75-76
D3VE-A2B	FORD	7.5	No Model	C	460	V 8	78
D3VE-A2B	FORD	7.5	No Model	J	460	V 8	74-79
D3VE-AA	FORD	7.5	No Model	A	460	V 8	68-73
D3VE-AA	FORD	7.5	No Model	A	460	V 8	74-78

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
D3VE-AA	FORD	7.5	No Model	C	460	V 8	74-77
D3VE-AA	FORD	7.5	No Model	C	460	V 8	75-76
D3VE-AA	FORD	7.5	No Model	C	460	V 8	78
D3VE-AA	FORD	7.5	No Model	J	460	V 8	74-79
D3VE-C	FORD	7.0	No Model	N	429	V 8	68-73
D3VE-C	FORD	7.5	No Model	A	460	V 8	68-73
D3VE-C	FORD	7.5	No Model	A	460	V 8	74-78
D3VE-C	FORD	7.5	No Model	C	460	V 8	74-77
D3VE-C	FORD	7.5	No Model	C	460	V 8	75-76
D3VE-C	FORD	7.5	No Model	C	460	V 8	78
D3VE-C	FORD	7.5	No Model	J	460	V 8	74-79
D3VE-C1A	FORD	7.0	No Model	N	429	V 8	68-73
D3VE-C1A	FORD	7.5	No Model	A	460	V 8	74-78
D3VE-C1A	FORD	7.5	No Model	J	460	V 8	74-79
D3VE-C2A	FORD	7.0	No Model	N	429	V 8	68-73
D3VE-C2A	FORD	7.5	No Model	A	460	V 8	68-73
D3VE-C2A	FORD	7.5	No Model	A	460	V 8	74-78
D3VE-C2A	FORD	7.5	No Model	C	460	V 8	74-77
D3VE-C2A	FORD	7.5	No Model	C	460	V 8	75-76
D3VE-C2A	FORD	7.5	No Model	C	460	V 8	78
D3VE-C2A	FORD	7.5	No Model	J	460	V 8	74-79
D3ZE	FORD	5.8	No Model	Q	351	V 8	70-74
D3ZE-AA	FORD	5.8	No Model	Q	351	V 8	70-74
D42E	FORD	2.3	LSG423		140	L 4	
D42E	FORD	2.3	No Model	2	140	L 4	81-82
D42E	FORD	2.3	No Model	A	140	L 4	80-84
D42E	FORD	2.3	No Model	B	140	L 4	76-80
D42E	FORD	2.3	No Model	T	140	L 4	80-87
D42E	FORD	2.3	No Model	Y	140	L 4	74-75
D42E	FORD	2.3	No Model	Y	140	L 4	76-79
D42E-AE	FORD	2.3	LSG423		140	L 4	
D42E-AE	FORD	2.3	No Model	2	140	L 4	81-82
D42E-AE	FORD	2.3	No Model	A	140	L 4	80-84
D42E-AE	FORD	2.3	No Model	B	140	L 4	76-80
D42E-AE	FORD	2.3	No Model	T	140	L 4	80-87
D42E-AE	FORD	2.3	No Model	W	140	L 4	79-80
D42E-AE	FORD	2.3	No Model	Y	140	L 4	74-75
D42E-AF	FORD	2.3	LSG423		140	L 4	
D42E-AF	FORD	2.3	No Model	2	140	L 4	81-82
D42E-AF	FORD	2.3	No Model	A	140	L 4	80-84
D42E-AF	FORD	2.3	No Model	B	140	L 4	76-80
D42E-AF	FORD	2.3	No Model	W	140	L 4	79-80
D42E-AF	FORD	2.3	No Model	Y	140	L 4	74-75
D42E-AH	FORD	2.3	LSG423		140	L 4	
D42E-AH	FORD	2.3	No Model	2	140	L 4	81-82
D42E-AH	FORD	2.3	No Model	A	140	L 4	80-84
D42E-AH	FORD	2.3	No Model	B	140	L 4	76-80
D42E-AH	FORD	2.3	No Model	W	140	L 4	79-80
D42E-AH	FORD	2.3	No Model	Y	140	L 4	74-75
D42E-AL	FORD	2.3	LSG423		140	L 4	
D42E-AL	FORD	2.3	No Model	2	140	L 4	81-82
D42E-AL	FORD	2.3	No Model	A	140	L 4	80-84
D42E-AL	FORD	2.3	No Model	B	140	L 4	76-80
D42E-AL	FORD	2.3	No Model	W	140	L 4	79-80
D42E-AL	FORD	2.3	No Model	Y	140	L 4	74-75
D42E-BC	FORD	2.3	LSG423		140	L 4	
D42E-BC	FORD	2.3	No Model	2	140	L 4	81-82

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
D42E-BC	FORD	2.3	No Model	A	140	L 4	80-84
D42E-BC	FORD	2.3	No Model	B	140	L 4	76-80
D42E-BC	FORD	2.3	No Model	Y	140	L 4	74-75
D42E-BG	FORD	2.3	LSG423		140	L 4	
D42E-BG	FORD	2.3	No Model	2	140	L 4	81-82
D42E-BG	FORD	2.3	No Model	A	140	L 4	80-84
D42E-BG	FORD	2.3	No Model	B	140	L 4	76-80
D42E-BG	FORD	2.3	No Model	Y	140	L 4	74-75
D42E-EA	FORD	2.3	No Model	A	140	L 4	80-84
D48R2	NAVISTAR	2.5	385	D155	155	L 3	
D48R4	NAVISTAR	2.5	385	D155	155	L 3	
D48R4	NAVISTAR	2.9	454		179	L 3	
D4AE	FORD	5.0	No Model	F	302	V 8	83-87
D4AE	FORD	5.0	No Model	M	302	V 8	84-87
D4AE	FORD	5.8	No Model	Q	351	V 8	70-74
D4AE	FORD	6.6	No Model	S	400	V 8	71-79
D4AE-AA	FORD	5.8	No Model	G,Q	351	V 8	75-82
D4AE-AA	FORD	5.8	No Model	Q	351	V 8	70-74
D4AE-AA	FORD	6.6	No Model	S	400	V 8	71-79
D4AE-B2A	FORD	5.8	No Model	G,Q	351	V 8	75-82
D4AE-B2A	FORD	6.6	No Model	S	400	V 8	71-79
D4AE-BA	FORD	5.8	No Model	Q	351	V 8	70-74
D4AE-BA	FORD	6.6	No Model	S	400	V 8	71-79
D4DE	FORD	3.3	No Model	T	200	L 6	63-79
D4DE-CA	FORD	3.3	No Model	T	200	L 6	63-79
D4DE-CA	FORD	4.1	No Model	L	250	L 6	79-81
D4DE-D	FORD	2.8	FALCON	1	170	L 6	61-72
D4FZ6049A	FORD	2.3	LSG423		140	L 4	
D4FZ6049A	FORD	2.3	No Model	2	140	L 4	81-82
D4FZ6049A	FORD	2.3	No Model	B	140	L 4	76-80
D4FZ6049A	FORD	2.3	No Model	Y	140	L 4	74-75
D4FZ6049D	FORD	2.3	LSG423		140	L 4	
D4FZ6049D	FORD	2.3	No Model	2	140	L 4	81-82
D4FZ6049D	FORD	2.3	No Model	B	140	L 4	76-80
D4FZ6049D	FORD	2.3	No Model	Y	140	L 4	74-75
D4FZ609A	FORD	2.3	LSG423		140	L 4	
D4FZ609A	FORD	2.3	No Model	2	140	L 4	81-82
D4FZ609A	FORD	2.3	No Model	B	140	L 4	76-80
D4FZ609A	FORD	2.3	No Model	Y	140	L 4	74-75
D4FZ609B	FORD	2.3	LSG423		140	L 4	
D4FZ609B	FORD	2.3	No Model	2	140	L 4	81-82
D4FZ609B	FORD	2.3	No Model	B	140	L 4	76-80
D4FZ609B	FORD	2.3	No Model	Y	140	L 4	74-75
D4FZ-A	FORD	2.3	LSG423		140	L 4	
D4FZ-A	FORD	2.3	No Model	2	140	L 4	81-82
D4FZ-A	FORD	2.3	No Model	A	140	L 4	80-84
D4FZ-A	FORD	2.3	No Model	B	140	L 4	76-80
D4FZ-A	FORD	2.3	No Model	Y	140	L 4	74-75
D4NN-6015-J	FORD	4.2	5000	D	256	L 4	72-78
D4NN6090	FORD	6.6	BSD-666		401	L 6	68-82
D4NN-J	FORD	4.2	BSD-442		256	L 4	
D4NN-J	FORD	4.2	BSD-442T		256	L 4	
D4TE	FORD	5.4	No Model	HD	330	V 8	66-76
D4TE	FORD	5.9	No Model	HD	361	V 8	66-78
D4TE	FORD	6.4	No Model	HD	391	V 8	64-79
D4TE-AA	FORD	5.4	No Model		332	V 8	58-59
D4TE-AA	FORD	5.4	No Model	CAR	332	V 8	58-59

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
D4TE-AA	FORD	5.4	No Model	HD	330	V 8	66-76
D4TE-AA	FORD	5.4	No Model	LD	330	V 8	62-65
D4TE-AA	FORD	6.4	No Model	HD	391	V 8	64-79
D4VE	FORD	7.5	No Model	A	460	V 8	74-78
D4VE	FORD	7.5	No Model	J	460	V 8	74-79
D4VE-A1A	FORD	7.5	No Model	A	460	V 8	74-78
D4VE-A1A	FORD	7.5	No Model	J	460	V 8	74-79
D4VE-A1A	FORD	7.5	No Model	L	460	V 8	79-87
D4VE-A2A	FORD	7.5	No Model	A	460	V 8	74-78
D4VE-A2A	FORD	7.5	No Model	J	460	V 8	74-79
D4VE-A2A	FORD	7.5	No Model	L	460	V 8	79-87
D4VE-B1A	FORD	7.5	No Model	A	460	V 8	74-78
D4VE-B1A	FORD	7.5	No Model	J	460	V 8	74-79
D4VE-B1A	FORD	7.5	No Model	L	460	V 8	79-87
D4VE-B2A	FORD	7.5	LSG875		460	V 8	
D4VE-B2A	FORD	7.5	No Model	A	460	V 8	74-78
D4VE-B2A	FORD	7.5	No Model	C	460	V 8	74-77
D4VE-B2A	FORD	7.5	No Model	C	460	V 8	75-76
D4VE-B2A	FORD	7.5	No Model	C	460	V 8	78
D4VE-B2A	FORD	7.5	No Model	J	460	V 8	74-79
D4VE-B2A	FORD	7.5	No Model	L	460	V 8	79-87
D4VE-BA	FORD	7.5	LSG875		460	V 8	
D4VE-BA	FORD	7.5	No Model	C	460	V 8	74-77
D4VE-BA	FORD	7.5	No Model	C	460	V 8	75-76
D4VE-BA	FORD	7.5	No Model	C	460	V 8	78
D4VE-BA	FORD	7.5	No Model	L	460	V 8	79-87
D4ZE	FORD	2.3	LSG423		140	L 4	
D4ZE	FORD	2.3	No Model	2	140	L 4	81-82
D4ZE	FORD	2.3	No Model	A	140	L 4	80-84
D4ZE	FORD	2.3	No Model	B	140	L 4	76-80
D4ZE	FORD	2.3	No Model	Y	140	L 4	74-75
D4ZE-BC	FORD	2.3	LSG423		140	L 4	
D4ZE-BC	FORD	2.3	No Model	2	140	L 4	81-82
D4ZE-BC	FORD	2.3	No Model	B	140	L 4	76-80
D4ZE-BC	FORD	2.3	No Model	Y	140	L 4	74-75
D500-6	FORD	2.9	3000	D	175	L 3	61-75
D500A5	CONTINENTAL	3.3	DS202		202	L 6	
D5AA-CA	FORD	5.8	No Model	G	351	V 8	80-82
D5AE	FORD	5.8	No Model	G,Q	351	V 8	75-82
D5AE	FORD	6.6	No Model	S	400	V 8	71-79
D5AE	FORD	6.6	No Model	Z	400	V 8	79-82
D5AE-A	FORD	5.8	No Model	G,Q	351	V 8	75-82
D5AE-A	FORD	5.8	No Model	H	351	V 8	79
D5AE-A	FORD	6.6	No Model	S	400	V 8	71-79
D5AE-A	FORD	6.6	No Model	Z	400	V 8	79-82
D5AE-A2A	FORD	5.8	No Model	G,Q	351	V 8	75-82
D5AE-A2A	FORD	6.6	No Model	S	400	V 8	71-79
D5AE-A2A	FORD	6.6	No Model	Z	400	V 8	79-82
D5AE-A3A	FORD	5.8	No Model	G,Q	351	V 8	75-82
D5AE-A3A	FORD	6.6	No Model	S	400	V 8	71-79
D5AE-A3A	FORD	6.6	No Model	Z	400	V 8	79-82
D5AE-AA	FORD	5.8	No Model	G,Q	351	V 8	75-82
D5AE-AA	FORD	6.6	No Model	S	400	V 8	71-79
D5AE-AA	FORD	6.6	No Model	Z	400	V 8	79-82
D5AE-BA	FORD	5.8	No Model	G,Q	351	V 8	75-82
D5AE-BA	FORD	6.6	No Model	S	400	V 8	71-79
D5AE-BA	FORD	6.6	No Model	Z	400	V 8	79-82

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
D5AE-CA	FORD	5.0	No Model	F	302	V 8	84-87
D5AE-CA	FORD	5.0	No Model	M	302	V 8	84-87
D5AE-CA	FORD	5.8	No Model	H	351	V 8	79
D5DE	FORD	3.3	No Model	T	200	L 6	63-79
D5DE-A	FORD	2.8	FALCON	1	170	L 6	61-72
D5DE-AB	FORD	5.8	No Model	H	351	V 8	79
D5DE-BA	FORD	3.3	No Model	T	200	L 6	63-79
D5DE-BA	FORD	4.1	No Model	L	250	L 6	79-81
D5FZ-C	FORD	2.3	LSG423		140	L 4	
D5FZ-C	FORD	2.3	No Model	2	140	L 4	81-82
D5FZ-C	FORD	2.3	No Model	A	140	L 4	80-84
D5FZ-C	FORD	2.3	No Model	B	140	L 4	76-80
D5FZ-C	FORD	2.3	No Model	Y	140	L 4	74-75
D5HE-AA	FORD	7.8	No Model		475	V 8	73-79
D5HE-AA	FORD	7.8	No Model	GAS	477	V 8	78-81
D5HE-AA	FORD	8.8	No Model		534	V 8	58-81
D5NN	FORD	4.2	5000	D	256	L 4	72-78
D5NN	FORD	4.2	BSD-442		256	L 4	
D5NN	FORD	4.2	BSD-442T		256	L 4	
D5NN-6	FORD	3.3	555	D	201	L 3	75-90
D5NN-6	FORD	3.3	BSD-333		201	L 3	65-72
D5NN-6090-F	FORD	6.6	BSD-666		401	L 6	68-82
D5NN-6090-F	FORD	6.6	BSD-666T		401	L 6	68-94
D5NN-6090-F	FORD	6.6	BSD-666T(2)		401	L 6	68-82
D5NN-6090-H	FORD	2.9	2000	G	175	L 3	65-68
D5NN-6090-H	FORD	3.3	535	G	201	L 3	65-72
D5NN-6090-K	FORD	2.9	3000	D	175	L 3	61-75
D5NN-6090-K	FORD	3.3	555	D	201	L 3	75-90
D5NN6090L	FORD	4.2	5000	D	256	L 4	72-78
D5NN-AJ	FORD	2.6	2000 SERIES	D	158	L 3	61-75
D5NN-AJ	FORD	2.9	3000	D	175	L 3	61-75
D5NN-AJ	FORD	3.3	555	D	201	L 3	75-90
D5NN-AJ	FORD	3.3	BSD-333		201	L 3	65-72
D5NN-E	FORD	4.2	5000	D	256	L 4	72-78
D5NN-E	FORD	4.2	BSD-442		256	L 4	
D5NN-E	FORD	4.2	BSD-442T		256	L 4	
D5NN-G	FORD	2.6	2000 SERIES	D	158	L 3	61-75
D5NN-G	FORD	2.9	3000	D	175	L 3	61-75
D5NN-G	FORD	3.3	555	D	201	L 3	75-90
D5NN-G	FORD	3.3	BSD-333		201	L 3	65-72
D5NN-K	FORD	2.6	2000 SERIES	D	158	L 3	61-75
D5NN-K	FORD	2.9	3000	D	175	L 3	61-75
D5NN-K	FORD	3.3	555	D	201	L 3	75-90
D5NN-K	FORD	3.3	BSD-333		201	L 3	65-72
D5NN-L	FORD	4.2	5000	D	256	L 4	72-78
D5NN-L	FORD	4.2	BSD-442		256	L 4	
D5NN-L	FORD	4.2	BSD-442T		256	L 4	
D5OE	FORD	5.8	No Model	H	351	V 8	79
D5OE-A	FORD	5.8	No Model	H	351	V 8	79
D5OE-A3B	FORD	5.8	No Model	H	351	V 8	79
D5OE-A4B	FORD	5.8	No Model	H	351	V 8	79
D5OE-AB	FORD	5.8	No Model	H	351	V 8	79
D5OE-BA	FORD	3.3	No Model	T	200	L 6	63-79
D5TE	FORD	5.8	No Model	G	351	V 8	80-82
D5TE	FORD	5.8	No Model	G	351	V 8	83-91
D5TE	FORD	5.8	No Model	H	351	V 8	79
D5TE-DA	FORD	5.8	No Model	G	351	V 8	80-82

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
D5TE-DA	FORD	5.8	No Model	G	351	V 8	83-91
D5TE-DA	FORD	5.8	No Model	H	351	V 8	79
D5TE-EB	FORD	5.8	No Model	G	351	V 8	80-82
D5TE-EB	FORD	5.8	No Model	G	351	V 8	83-91
D5TE-EB	FORD	5.8	No Model	H	351	V 8	69-78
D5TE-EB	FORD	5.8	No Model	H	351	V 8	79
D5VE	FORD	7.5	LSG875		460	V 8	
D5VE	FORD	7.5	No Model	A	460	V 8	74-78
D5VE	FORD	7.5	No Model	C	460	V 8	74-77
D5VE	FORD	7.5	No Model	C	460	V 8	75-76
D5VE	FORD	7.5	No Model	C	460	V 8	78
D5VE	FORD	7.5	No Model	J	460	V 8	74-79
D5VE	FORD	7.5	No Model	L	460	V 8	79-87
D600	KUBOTA	0.6	D600-B		37	L 3	
D-600	KUBOTA	0.6	D600-B		37	L 3	
D66500	CASE	3.1	990		186	L 4	61-75
D66500	CASE	3.6	1490	D(1)	219	L 4	
D66500	CASE	3.6	219	DT	219	L 4	
D66500	CASE	3.6	995	D	219	L 4	
D6DE-AB	FORD	4.1	No Model	L	250	L 6	79-81
D6EE	FORD	2.3	LSG423		140	L 4	
D6EE	FORD	2.3	No Model	2	140	L 4	81-82
D6EE	FORD	2.3	No Model	A	140	L 4	80-84
D6EE	FORD	2.3	No Model	B	140	L 4	76-80
D6EE	FORD	2.3	No Model	Y	140	L 4	74-75
D6EE	FORD	2.3	No Model	Y	140	L 4	76-79
D6EE-AA	FORD	2.3	LSG423		140	L 4	
D6EE-AA	FORD	2.3	No Model	2	140	L 4	81-82
D6EE-AA	FORD	2.3	No Model	A	140	L 4	80-84
D6EE-AA	FORD	2.3	No Model	B	140	L 4	76-80
D6EE-AA	FORD	2.3	No Model	W	140	L 4	79-80
D6EE-AA	FORD	2.3	No Model	Y	140	L 4	74-75
D6HE	FORD	7.8	No Model		475	V 8	73-79
D6HE-AA	FORD	8.8	No Model		534	V 8	58-81
D6HE-AB	FORD	8.8	No Model		534	V 8	58-81
D6HE-BB	FORD	7.8	No Model		475	V 8	73-79
D6HE-BB	FORD	7.8	No Model	GAS	477	V 8	78-81
D6HE-BB	FORD	8.8	No Model		534	V 8	58-81
D6JL-B	FORD	2.6	2000 SERIES	D	158	L 3	61-75
D6JL-B	FORD	2.9	3000	D	175	L 3	61-75
D6JL-B	FORD	3.3	555	D	201	L 3	75-90
D6JL-B	FORD	3.3	BSD-333		201	L 3	65-72
D6NN	FORD	2.6	2000 SERIES	D	158	L 3	61-75
D6NN	FORD	2.9	3000	D	175	L 3	61-75
D6NN	FORD	3.3	555	D	201	L 3	75-90
D6NN	FORD	3.3	BSD-333		201	L 3	65-72
D70E-DC	FORD	5.8	No Model	H	351	V 8	79
D7BE	FORD	3.3	No Model	T	200	L 6	63-79
D7BE-AB	FORD	3.3	No Model	B	200	L 6	80-82
D7BE-AB	FORD	3.3	No Model	T	200	L 6	63-79
D7BE-AB	FORD	4.1	No Model	L	250	L 6	79-81
D7DE-A	FORD	3.3	No Model	T	200	L 6	63-79
D7DE-AB	FORD	3.3	No Model	B	200	L 6	80-82
D7DE-AB	FORD	3.3	No Model	T	200	L 6	63-79
D7DE-AB	FORD	4.1	No Model	L	250	L 6	79-81
D7EE	FORD	2.3	No Model	A	140	L 4	80-84
D7EE	FORD	2.3	No Model	B	140	L 4	76-80

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
D7EE	FORD	2.3	No Model	Y	140	L 4	76-79
D7EE-BB	FORD	2.3	LSG423		140	L 4	
D7EE-BB	FORD	2.3	No Model	2	140	L 4	81-82
D7EE-BB	FORD	2.3	No Model	B	140	L 4	76-80
D7EE-BB	FORD	2.3	No Model	W	140	L 4	79-80
D7EE-BB	FORD	2.3	No Model	Y	140	L 4	74-75
D7EE-BB	FORD	2.3	No Model	Y	140	L 4	76-79
D7EE-CA	FORD	2.3	No Model	2	140	L 4	81-82
D7EE-CA	FORD	2.3	No Model	A	140	L 4	80-84
D7EE-CA	FORD	2.3	No Model	W	140	L 4	79-80
D7EE-CA	FORD	2.3	No Model	Y	140	L 4	74-75
D7EE-CB	FORD	2.3	LSG423		140	L 4	
D7EE-CB	FORD	2.3	No Model	2	140	L 4	81-82
D7EE-CB	FORD	2.3	No Model	A	140	L 4	80-84
D7EE-CB	FORD	2.3	No Model	B	140	L 4	76-80
D7EE-CB	FORD	2.3	No Model	W	140	L 4	79-80
D7EE-CB	FORD	2.3	No Model	Y	140	L 4	74-75
D7EE-CB	FORD	2.3	No Model	Y	140	L 4	76-79
D7FZ-C	FORD	2.3	LSG423		140	L 4	
D7FZ-C	FORD	2.3	No Model	2	140	L 4	81-82
D7FZ-C	FORD	2.3	No Model	B	140	L 4	76-80
D7FZ-C	FORD	2.3	No Model	W	140	L 4	79-80
D7FZ-C	FORD	2.3	No Model	Y	140	L 4	74-75
D7FZ-C	FORD	2.3	No Model	Y	140	L 4	76-79
D7JL-6090-A	FORD	3.1	No Model	D	192	L 4	65-72
D7OE	FORD	5.0	No Model	N	302	V 8	85-97
D7OE	FORD	5.8	No Model	G	351	V 8	80-82
D7OE-A	FORD	5.8	No Model	G	351	V 8	83-91
D7OE-A	FORD	5.8	No Model	H	351	V 8	79
D7OE-DA	FORD	5.0	No Model	F	302	V 8	74-82
D7OE-DA	FORD	5.0	No Model	G	302	V 8	74-81
D7OE-DA	FORD	5.8	No Model	G	351	V 8	83-91
D7OE-DA	FORD	5.8	No Model	H	351	V 8	79
D7OE-DC	FORD	5.8	No Model	G	351	V 8	83-91
D7OE-DC	FORD	5.8	No Model	H	351	V 8	79
D7OE-GB	FORD	5.8	No Model	G	351	V 8	83-91
D7OE-GB	FORD	5.8	No Model	H	351	V 8	79
D800A-508	CONTINENTAL	3.3	202	DS	202	L 6	
D80E-AB	FORD	5.0	No Model	F	302	V 8	84-87
D80E-AB	FORD	5.0	No Model	M	302	V 8	84-87
D80E-AB	FORD	5.8	No Model	G	351	V 8	80-82
D80E-AB	FORD	5.8	No Model	G	351	V 8	83-91
D80E-AB	FORD	5.8	No Model	H	351	V 8	79
D80E-AB	FORD	5.8	No Model	H	351	V 8	84-97
D80E-BB	FORD	5.8	No Model	H	351	V 8	84-97
D8BE	FORD	3.3	No Model	T	200	L 6	63-79
D8BE-AB	FORD	3.3	No Model	B	200	L 6	80-82
D8BE-AB	FORD	3.3	No Model	T	200	L 6	63-79
D8BE-BA	FORD	3.3	No Model	B	200	L 6	80-82
D8BE-BA	FORD	3.3	No Model	T	200	L 6	63-79
D8BE-BA	FORD	4.1	No Model	L	250	L 6	79-81
D8BZ-B	FORD	3.3	No Model	B	200	L 6	80-82
D8BZ-B	FORD	3.3	No Model	T	200	L 6	63-79
D8DE-CC	FORD	4.1	No Model	L	250	L 6	79-81
D8EE	FORD	2.3	No Model	A	140	L 4	80-84
D8EE	FORD	2.3	No Model	B	140	L 4	76-80
D8EE	FORD	2.3	No Model	Y	140	L 4	76-79

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
D8EE-CA	FORD	2.3	No Model	2	140	L 4	81-82
D8EE-CA	FORD	2.3	No Model	A	140	L 4	80-84
D8EE-CA	FORD	2.3	No Model	W	140	L 4	79-80
D8EE-CA	FORD	2.3	No Model	Y	140	L 4	74-75
D8NN-6090-BA	FORD	4.2	5000	D	256	L 4	72-78
D8NN-BA	FORD	4.2	5000	D	256	L 4	72-78
D8NN-BA	FORD	4.2	BSD-442		256	L 4	
D8NN-BA	FORD	4.2	BSD-442T		256	L 4	
D8OE	FORD	5.0	No Model	N	302	V 8	85-97
D8OE	FORD	5.8	No Model	G	351	V 8	80-82
D8OE	FORD	5.8	No Model	G	351	V 8	83-91
D8OE	FORD	5.8	No Model	H	351	V 8	79
D8OE	FORD	5.8	No Model	H	351	V 8	84-97
D8OE-AB	FORD	5.0	No Model	F	302	V 8	74-82
D8OE-AB	FORD	5.0	No Model	F	302	V 8	83-87
D8OE-AB	FORD	5.0	No Model	F	302	V 8	84-87
D8OE-AB	FORD	5.0	No Model	G	302	V 8	74-81
D8OE-AB	FORD	5.0	No Model	M	302	V 8	84-87
D8OE-AB	FORD	5.0	No Model	M	302	V 8	86-86
D8OE-AB	FORD	5.8	No Model	G	351	V 8	80-82
D8OE-AB	FORD	5.8	No Model	G	351	V 8	83-91
D8OE-AB	FORD	5.8	No Model	H	351	V 8	69-78
D8OE-AB	FORD	5.8	No Model	H	351	V 8	79
D8OE-AB	FORD	5.8	No Model	H	351	V 8	84-97
D8OE-BB	FORD	5.0	No Model	M	302	V 8	84-87
D8OE-BB	FORD	5.8	No Model	G	351	V 8	80-82
D8OE-BB	FORD	5.8	No Model	G	351	V 8	83-91
D8OE-BB	FORD	5.8	No Model	H	351	V 8	79
D8OE-BB	FORD	5.8	No Model	H	351	V 8	84-97
D8OE-CB	FORD	5.8	No Model	G	351	V 8	80-82
D8OE-CB	FORD	5.8	No Model	G	351	V 8	83-91
D8OE-CB	FORD	5.8	No Model	H	351	V 8	79
D8TE	FORD	3.9	No Model	A	240	L 6	65-74
D8TE	FORD	4.9	No Model		300	L 6	76-85
D8TE	FORD	4.9	No Model	Y	300	L 6	83-84
D8TE	FORD	5.8	No Model	G	351	V 8	80-82
D8TE	FORD	5.8	No Model	G	351	V 8	83-91
D8TE	FORD	5.8	No Model	H	351	V 8	84-97
D8TE-AB	FORD	5.8	No Model	G	351	V 8	80-82
D8TE-AB	FORD	5.8	No Model	G	351	V 8	83-91
D8TE-AB	FORD	5.8	No Model	H	351	V 8	79
D8TE-BB	FORD	5.8	No Model	G	351	V 8	80-82
D8TE-BB	FORD	5.8	No Model	G	351	V 8	83-91
D8TE-BB	FORD	5.8	No Model	H	351	V 8	79
D8TE-BB	FORD	5.8	No Model	H	351	V 8	84-97
D8TE-CA	FORD	3.9	No Model	A	240	L 6	65-74
D8TE-CA	FORD	4.9	No Model	B	300	L 6	73-79
D8TE-CA	FORD	4.9	No Model	Y	300	L 6	83-84
D8TE-FA	FORD	3.9	No Model	A	240	L 6	65-74
D94E-AA	FORD	5.0	No Model	M	302	V 8	84-87
D9AE	FORD	5.8	No Model	G	351	V 8	80-82
D9AE	FORD	5.8	No Model	G	351	V 8	83-91
D9AE	FORD	5.8	No Model	H	351	V 8	84-97
D9AE-A	FORD	5.8	No Model	H	351	V 8	79
D9AE-BA	FORD	5.8	No Model	G	351	V 8	80-82
D9AE-BA	FORD	5.8	No Model	G	351	V 8	83-91
D9AE-BA	FORD	5.8	No Model	H	351	V 8	84-97

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
D9AE-BB	FORD	5.8	No Model	G	351	V 8	80-82
D9AE-BB	FORD	5.8	No Model	G	351	V 8	83-91
D9AE-BB	FORD	5.8	No Model	H	351	V 8	79
D9AE-BB	FORD	5.8	No Model	H	351	V 8	84-97
D9AZ	FORD	5.8	No Model	G	351	V 8	80-82
D9EE	FORD	2.3	No Model	A	140	L 4	80-84
D9EE	FORD	2.3	No Model	B	140	L 4	76-80
D9EE	FORD	2.3	No Model	Y	140	L 4	76-79
D9EE-AA	FORD	2.3	No Model	A	140	L 4	80-84
D9EE-AA	FORD	2.3	No Model	T	140	L 4	80-87
D9EE-BA	FORD	2.3	No Model	T	140	L 4	80-87
D9EE-JB	FORD	2.3	No Model	A	140	L 4	80-84
D9EE-JB	FORD	2.3	No Model	T	140	L 4	80-87
D9EE-JC	FORD	2.3	LSG423		140	L 4	
D9EE-JC	FORD	2.3	No Model	2	140	L 4	81-82
D9EE-JC	FORD	2.3	No Model	A	140	L 4	80-84
D9EE-JC	FORD	2.3	No Model	B	140	L 4	76-80
D9EE-JC	FORD	2.3	No Model	T	140	L 4	80-87
D9EE-JC	FORD	2.3	No Model	W	140	L 4	79-80
D9EE-JC	FORD	2.3	No Model	Y	140	L 4	74-75
D9EE-JC	FORD	2.3	No Model	Y	140	L 4	76-79
D9HE	FORD	7.8	No Model		475	V 8	73-79
D9HE	FORD	7.8	No Model	GAS	477	V 8	78-81
D9HE	FORD	8.8	No Model		534	V 8	58-81
D9NN-6090-AC	FORD	6.6	BSD-666		401	L 6	68-82
D9NN-6090-AC	FORD	6.6	BSD-666T		401	L 6	68-94
D9NN-6090-AC	FORD	6.6	BSD-666T(2)		401	L 6	68-82
D9NN-6090-CA	FORD	6.6	BSD-666		401	L 6	68-82
D9NN-6090-CA	FORD	6.6	BSD-666T(2)		401	L 6	68-82
D9NN-BA	FORD	4.2	5000	D	256	L 4	72-78
D9NN-BA	FORD	4.2	BSD-442		256	L 4	
D9NN-BA	FORD	4.2	BSD-442T		256	L 4	
D9OE-AA	FORD	5.0	No Model	M	302	V 8	84-87
D9OE-G	FORD	5.8	No Model	G	351	V 8	80-82
D9OE-G	FORD	5.8	No Model	G	351	V 8	83-91
D9OE-G	FORD	5.8	No Model	H	351	V 8	79
D9TE-A	FORD	6.1	No Model	7	370	V 8	79-94
D9TE-A	FORD	6.1	No Model	H	370	V 8	79-93
D9TE-A	FORD	7.0	No Model	8	429	V 8	89-96
D9TE-A	FORD	7.0	No Model	K	429	V 8	79-90
D9TE-AH	FORD	7.0	No Model	8	429	V 8	89-96
D9TE-AH	FORD	7.0	No Model	K	429	V 8	79-90
D9TE-BA	FORD	7.0	No Model	8	429	V 8	89-96
D9TE-BA	FORD	7.0	No Model	K	429	V 8	79-90
D9TE-DA	FORD	7.0	No Model	8	429	V 8	89-96
D9TE-DA	FORD	7.0	No Model	K	429	V 8	79-90
D9TE-FA	FORD	6.1	No Model	7	370	V 8	79-94
D9TE-FA	FORD	6.1	No Model	H	370	V 8	79-93
D9TE-FA	FORD	7.0	No Model	8	429	V 8	89-96
D9TE-FA	FORD	7.0	No Model	K	429	V 8	79-90
D9TE-HA	FORD	6.1	No Model	7	370	V 8	79-94
D9TE-HA	FORD	6.1	No Model	H	370	V 8	79-93
D9TE-HA	FORD	7.0	No Model	8	429	V 8	89-96
D9TE-HA	FORD	7.0	No Model	K	429	V 8	79-90
D9TE-LA	FORD	6.1	No Model	7	370	V 8	79-94
D9TE-LA	FORD	6.1	No Model	H	370	V 8	79-93
D9TE-LA	FORD	7.0	No Model	8	429	V 8	89-96

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
D9TE-LA	FORD	7.0	No Model	K	429	V 8	79-90
D9TE-MA	FORD	6.1	No Model	7	370	V 8	79-94
D9TE-MA	FORD	6.1	No Model	H	370	V 8	79-93
D9TE-MA	FORD	7.0	No Model	8	429	V 8	89-96
D9TE-MA	FORD	7.0	No Model	K	429	V 8	79-90
D9ZE-AA	FORD	2.3	No Model	T	140	L 4	80-87
DD309893	CHRYSLER	3.1	No Model		190	L 6	28-32
DE68456	ALLIS CHALMERS	12.7	HD21		779	L 6	
DODE	FORD	3.3	No Model	T	200	L 6	63-79
DONN6090C	FORD	6.6	BSD-666		401	L 6	68-82
DONN-6090-C	FORD	6.6	BSD-666		401	L 6	68-82
DONN-6090-C	FORD	6.6	BSD-666T		401	L 6	68-94
DONN-6090-C	FORD	6.6	BSD-666T(2)		401	L 6	68-82
DOOD	FORD	3.3	No Model	T	200	L 6	63-79
DOOD-A	FORD	4.1	No Model	L	250	L 6	79-81
DOOD-E	FORD	3.3	No Model	T	200	L 6	63-79
DOOE-B	FORD	5.0	No Model	F	302	V 8	68-69
DOOF-AB-AC	FORD	5.8	No Model	Q	351	V 8	70-74
E0BE	FORD	3.3	No Model	B	200	L 6	80-82
E0BE	FORD	3.3	No Model	X	200	L 6	83
E0BE	FORD	4.1	No Model	C	250	L 6	69-80
E0BE-BA	FORD	4.1	No Model	C	250	L 6	69-80
E0BE-BB	FORD	3.3	No Model	B	200	L 6	80-82
E0BE-BB	FORD	4.1	No Model	C	250	L 6	69-80
E0BE-BB	FORD	4.1	No Model	L	250	L 6	79-81
E0DE	FORD	3.3	No Model	B	200	L 6	80-82
E0DE	FORD	4.1	No Model	C	250	L 6	69-80
E0DE	FORD	4.1	No Model	L	250	L 6	79-81
E0DE-M	FORD	3.3	No Model	B	200	L 6	80-82
E0DE-M	FORD	4.1	No Model	C	250	L 6	69-80
E0DE-M	FORD	4.1	No Model	L	250	L 6	79-81
E0SC-AC	IVECO	5.4	CO3		330	L 4	
E0SE-AC	FORD	4.2	No Model	D	255	V 8	80-82
E1AD-DN	FORD	3.6	No Model	D	220	L 4	58-67
E1AD-DN-F	FORD	3.6	No Model	D	220	L 4	58-67
E1AE-AD	FORD	2.3	LSG423		140	L 4	
E1AE-AD	FORD	2.3	No Model	2	140	L 4	81-82
E1AE-AD	FORD	2.3	No Model	A	140	L 4	85-88
E1AE-AD	FORD	2.3	No Model	B	140	L 4	76-80
E1AE-AD	FORD	2.3	No Model	T	140	L 4	80-87
E1AE-AD	FORD	2.3	No Model	Z	140	L 4	83-85
E1BE	FORD	2.3	LSG423		140	L 4	
E1BE	FORD	2.3	No Model	2	140	L 4	81-82
E1BE	FORD	2.3	No Model	A	140	L 4	80-84
E1BE	FORD	2.3	No Model	A	140	L 4	85-88
E1BE	FORD	2.3	No Model	B	140	L 4	76-80
E1BE	FORD	2.3	No Model	T	140	L 4	80-87
E1BE	FORD	2.3	No Model	Z	140	L 4	83-85
E1BE-AC	FORD	2.3	LSG423		140	L 4	
E1BE-AC	FORD	2.3	No Model	2	140	L 4	81-82
E1BE-AC	FORD	2.3	No Model	A	140	L 4	80-84
E1BE-AC	FORD	2.3	No Model	A	140	L 4	85-88
E1BE-AC	FORD	2.3	No Model	B	140	L 4	76-80
E1BE-AC	FORD	2.3	No Model	T	140	L 4	80-87
E1BE-AC	FORD	2.3	No Model	Z	140	L 4	83-85
E1BE-AD	FORD	2.3	LSG423		140	L 4	
E1BE-AD	FORD	2.3	No Model	2	140	L 4	81-82

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
E1BE-AD	FORD	2.3	No Model	A	140	L 4	80-84
E1BE-AD	FORD	2.3	No Model	A	140	L 4	85-88
E1BE-AD	FORD	2.3	No Model	B	140	L 4	76-80
E1BE-AD	FORD	2.3	No Model	T	140	L 4	80-87
E1BE-AD	FORD	2.3	No Model	W	140	L 4	83-88
E1BE-AD	FORD	2.3	No Model	Z	140	L 4	83-85
E1BE-BB	FORD	3.3	No Model	B	200	L 6	80-82
E1EE-A4B	FORD	1.6	ESCORT	2	98	L 4	81-82
E1EE-A4C	FORD	1.6	ESCORT	2	98	L 4	81-82
E1EE-A4C	FORD	1.6	ESCORT	2	98	L 4	83-85
E1EE-A4C	FORD	1.6	ESCORT	4	98	L 4	83-85
E1EE-A4C	FORD	1.6	ESCORT	5	98	L 4	83-85
E1EE-A4C	FORD	1.6	ESCORT	7	98	L 4	83-85
E1EE-A4C	FORD	1.6	ESCORT,TURBO	8	98	L 4	83-85
E1EE-A5C	FORD	1.6	ESCORT	2	98	L 4	81-82
E1EE-A5C	FORD	1.6	ESCORT	2	98	L 4	83-85
E1EE-A5C	FORD	1.6	ESCORT	4	98	L 4	83-85
E1EE-A5C	FORD	1.6	ESCORT	5	98	L 4	83-85
E1EE-A5C	FORD	1.6	ESCORT	7	98	L 4	83-85
E1EE-A5C	FORD	1.6	ESCORT,TURBO	8	98	L 4	83-85
E1EE-A6C	FORD	1.6	ESCORT	2	98	L 4	81-82
E1EE-A6C	FORD	1.6	ESCORT	2	98	L 4	83-85
E1EE-A6C	FORD	1.6	ESCORT	4	98	L 4	83-85
E1EE-A6C	FORD	1.6	ESCORT	5	98	L 4	83-85
E1EE-A6C	FORD	1.6	ESCORT	7	98	L 4	83-85
E1EE-A6C	FORD	1.6	ESCORT,TURBO	8	98	L 4	83-85
E1EE-A8B	FORD	1.6	ESCORT	2	98	L 4	81-82
E1EE-A8C	FORD	1.6	ESCORT	2	98	L 4	81-82
E1EE-A8C	FORD	1.6	ESCORT	2	98	L 4	83-85
E1EE-A8C	FORD	1.6	ESCORT	2	98	L 4	83-85
E1EE-A8C	FORD	1.6	ESCORT	4	98	L 4	83-85
E1EE-A8C	FORD	1.6	ESCORT	5	98	L 4	83-85
E1EE-A8C	FORD	1.6	ESCORT	7	98	L 4	83-85
E1EE-A8C	FORD	1.6	ESCORT,TURBO	8	98	L 4	83-85
E1EE-BB	FORD	1.6	ESCORT	2	98	L 4	81-82
E1EE-BB	FORD	1.6	ESCORT	2	98	L 4	83-85
E1EE-BB	FORD	1.6	ESCORT	4	98	L 4	83-85
E1EE-BB	FORD	1.6	ESCORT	5	98	L 4	83-85
E1EE-BB	FORD	1.6	ESCORT	7	98	L 4	83-85
E1EE-BB	FORD	1.6	ESCORT,TURBO	8	98	L 4	83-85
E1NN-AA	FORD	2.6	2000 SERIES	D	158	L 3	61-75
E1NN-AA	FORD	2.9	3000	D	175	L 3	61-75
E1NN-AA	FORD	3.3	555	D	201	L 3	75-90
E1NN-AA	FORD	3.3	BSD-333		201	L 3	65-72
E1NN-AB	FORD	3.3	BSD-333		201	L 3	65-72
E1ZE-	FORD	2.3	No Model	T	140	L 4	80-87
E27E-DA	FORD	2.0	RANGER	C	122	L 4	83-88
E27E-DA	FORD	2.0	RANGER	C	122	L 4	84-85
E27E-DA	FORD	2.3	LSG423		140	L 4	
E27E-DA	FORD	2.3	No Model	2	140	L 4	81-82
E27E-DA	FORD	2.3	No Model	A	140	L 4	80-84
E27E-DA	FORD	2.3	No Model	A	140	L 4	85-88
E27E-DA	FORD	2.3	No Model	T	140	L 4	80-87
E27E-DA	FORD	2.3	No Model	Z	140	L 4	83-85
E27E-FB	FORD	2.0	RANGER	C	122	L 4	83-88
E27E-FB	FORD	2.0	RANGER	C	122	L 4	84-85
E2AE	FORD	3.8	No Model	3	232	V 6	82-87

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
E2AE-E7D	FORD	3.8	No Model	3	232	V 6	82-87
E2AE-E9D	FORD	3.8	No Model	3	232	V 6	82-87
E2AE-FC	FORD	3.8	No Model	3	232	V 6	82-87
E2DE	FORD	3.8	No Model	3	232	V 6	82-87
E2DE-HA	FORD	3.8	No Model	3	232	V 6	82-87
E2DE-JB	FORD	3.8	No Model	3	232	V 6	82-87
E2DE-JC	FORD	3.8	No Model	3	232	V 6	82-87
E2ZM-A3	FORD	5.8	No Model	Q	351	V 8	70-74
E301	MAZDA	1.5	D5FE	D5	90	L 4	84-86
E301	MAZDA	1.5	GLC	E5	90	L 4	81-85
E30972	CHRYSLER	5.2	No Model	E	318	V 8	73-76
E30972	CHRYSLER	5.2	No Model	E	318	V 8	77-80
E30972	CHRYSLER	5.2	No Model	P	318	V 8	83-91
E30972	CHRYSLER	5.2	No Model	R	318	V 8	83-87
E31-E88	NISSAN	2.6	260Z	L26	156	L 6	74
E37E-DA	FORD	2.0	RANGER	C	122	L 4	83-88
E37E-DA	FORD	2.0	RANGER	C	122	L 4	83-88
E37E-DA	FORD	2.0	RANGER	C	122	L 4	84-85
E3EE-A4A	FORD	1.6	ESCORT	2	98	L 4	81-82
E3EE-A4A	FORD	1.6	ESCORT	2	98	L 4	83-85
E3EE-A4A	FORD	1.6	ESCORT	4	98	L 4	83-85
E3EE-A4A	FORD	1.6	ESCORT	5	98	L 4	83-85
E3EE-A4A	FORD	1.6	ESCORT	7	98	L 4	83-85
E3EE-A4A	FORD	1.6	ESCORT,TURBO	8	98	L 4	83-85
E3EE-A7A	FORD	1.6	ESCORT	2	98	L 4	81-82
E3EE-A7A	FORD	1.6	ESCORT	2	98	L 4	83-85
E3EE-A7A	FORD	1.6	ESCORT	4	98	L 4	83-85
E3EE-A7A	FORD	1.6	ESCORT	5	98	L 4	83-85
E3EE-A7A	FORD	1.6	ESCORT	7	98	L 4	83-85
E3EE-A7A	FORD	1.6	ESCORT,TURBO	8	98	L 4	83-85
E3EE-A8A	FORD	1.6	ESCORT	5	98	L 4	83-85
E3EE-A9A	FORD	1.6	ESCORT	4	98	L 4	83-85
E3EE-A9A	FORD	1.6	ESCORT	5	98	L 4	83-85
E3EE-A9A	FORD	1.6	ESCORT,TURBO	8	98	L 4	83-85
E3HN-6090-AB	FORD	6.6	TRUCK	P	401	L 6	86-98
E3SE	FORD	3.8	No Model	3	232	V 6	82-87
E3SE-A9C	FORD	3.8	No Model	3	232	V 6	82-87
E3SE-A9D	FORD	3.8	No Model	3	232	V 6	82-87
E3TE	FORD	2.3	No Model	A	140	L 4	85-88
E3TE	FORD	2.3	No Model	T	140	L 4	80-87
E3TE	FORD	2.3	No Model	W	140	L 4	83-88
E3TE	FORD	2.3	No Model	Z	140	L 4	83-85
E3ZE-AB	FORD	2.3	No Model	T	140	L 4	80-87
E43E	FORD	2.3	No Model	R	140	L 4	83-86
E43E	FORD	2.3	No Model	S	140	L 4	85-86
E43E	FORD	2.3	No Model	X	140	L 4	85-86
E43E	FORD	2.3	No Model	X	141	L 4	87-94
E43E	FORD	2.3	TEMPO	S	140	L 4	85-91
E43E-AH	FORD	2.3	No Model	R	140	L 4	83-86
E43E-AH	FORD	2.3	No Model	X	140	L 4	85-86
E43E-AJ	FORD	2.3	No Model	R	140	L 4	83-86
E43E-AJ	FORD	2.3	No Model	S	140	L 4	85-86
E43E-AJ	FORD	2.3	No Model	X	140	L 4	85-86
E43E-AJ	FORD	2.3	No Model	X	141	L 4	87-94
E43E-AJ	FORD	2.3	TEMPO	S	140	L 4	85-91
E43E-J	FORD	2.3	No Model	R	140	L 4	83-86
E43E-J	FORD	2.3	No Model	S	140	L 4	85-86

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
E43E-J	FORD	2.3	No Model	X	140	L 4	85-86
E43E-J	FORD	2.3	No Model	X	141	L 4	87-94
E43E-J	FORD	2.3	TEMPO	S	140	L 4	85-91
E43Z-A1	FORD	2.3	No Model	R	140	L 4	83-86
E43Z-A1	FORD	2.3	No Model	X	140	L 4	85-86
E4DE-AA	FORD	2.3	No Model	T	140	L 4	80-87
E4DE-AA	FORD	2.3	No Model	W	140	L 4	83-88
E4DZ-AA	FORD	2.3	No Model	W	140	L 4	83-88
E4EE-BA	FORD	2.3	No Model	T	140	L 4	80-87
E4OE-AA	FORD	2.3	No Model	T	140	L 4	80-87
E4OE-AA	FORD	2.3	No Model	W	140	L 4	83-88
E4SE	FORD	3.8	No Model	3	232	V 6	82-87
E4SE	FORD	3.8	No Model	C	232	V 6	84-85
E4SE-AA	FORD	3.8	No Model	3	232	V 6	82-87
E4SE-AA	FORD	3.8	No Model	C	232	V 6	84-85
E4TE-A	FORD	4.9	CSG-649		300	L 6	65-93
E4TE-A	FORD	4.9	No Model		300	L 6	76-85
E4TE-A	FORD	4.9	No Model	9	300	L 6	82-84
E4TE-A	FORD	4.9	No Model	9	300	L 6	85-86
E4TE-A	FORD	4.9	No Model	Y	300	L 6	85-86
E4TE-A	FORD	4.9	No Model	Y	300	L 6	87-96
E4TE-AA	FORD	4.9	CSG-649		300	L 6	65-93
E4TE-AA	FORD	4.9	No Model		300	L 6	76-85
E4TE-AA	FORD	4.9	No Model	9	300	L 6	82-84
E4TE-AA	FORD	4.9	No Model	9	300	L 6	85-86
E4TE-AA	FORD	4.9	No Model	Y	300	L 6	85-86
E4TE-AA	FORD	4.9	No Model	Y	300	L 6	87-96
E4ZE	FORD	3.8	No Model	3	232	V 6	82-87
E4ZE	FORD	3.8	No Model	C	232	V 6	84-85
E4ZE-B7C	FORD	3.8	No Model	3	232	V 6	82-87
E4ZE-B7C	FORD	3.8	No Model	C	232	V 6	84-85
E4ZE-B9C	FORD	3.8	No Model	3	232	V 6	82-87
E4ZE-B9C	FORD	3.8	No Model	C	232	V 6	84-85
E4ZE-DA	FORD	2.3	No Model	A	140	L 4	80-84
E4ZE-DA	FORD	2.3	No Model	A	140	L 4	85-88
E4ZE-DA	FORD	2.3	No Model	B	140	L 4	76-80
E4ZE-DA	FORD	2.3	No Model	T	140	L 4	80-87
E4ZE-DA	FORD	2.3	No Model	W	140	L 4	83-88
E4ZE-DA	FORD	2.3	No Model	Z	140	L 4	83-85
E53E	FORD	2.3	No Model	R	140	L 4	83-86
E53E	FORD	2.3	No Model	S	140	L 4	85-86
E53E	FORD	2.3	No Model	X	140	L 4	85-86
E53E	FORD	2.3	No Model	X	141	L 4	87-94
E53E	FORD	2.3	TEMPO	S	140	L 4	85-91
E53E-AA	FORD	2.3	TEMPO	S	140	L 4	85-91
E59E	FORD	2.3	No Model	A	140	L 4	85-88
E59E	FORD	2.3	No Model	T	140	L 4	80-87
E59E	FORD	2.3	No Model	W	140	L 4	83-88
E59E	FORD	2.3	No Model	Z	140	L 4	83-85
E59E-GB	FORD	2.3	No Model	A	140	L 4	85-88
E5AE	FORD	5.0	No Model	F	302	V 8	84-87
E5AE	FORD	5.0	No Model	M	302	V 8	84-87
E5AE	FORD	5.8	No Model	G	351	V 8	80-82
E5AE	FORD	5.8	No Model	G	351	V 8	83-91
E5AE	FORD	5.8	No Model	H	351	V 8	84-97
E5AE-	FORD	5.0	No Model	F	302	V 8	83-87
E5AE-CA	FORD	3.8	No Model	C	232	V 6	84-85

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
E5AE-CA	FORD	5.0	No Model	F	302	V 8	83-87
E5AE-CA	FORD	5.0	No Model	F	302	V 8	84-87
E5AE-CA	FORD	5.0	No Model	M	302	V 8	84-87
E5AE-CA	FORD	5.0	No Model	M	302	V 8	86-86
E5AE-CA	FORD	5.0	No Model	N	302	V 8	85-97
E5AE-CA	FORD	5.8	No Model	G	351	V 8	80-82
E5AE-CA	FORD	5.8	No Model	G	351	V 8	83-91
E5AE-CA	FORD	5.8	No Model	H	351	V 8	79
E5AE-CA	FORD	5.8	No Model	H	351	V 8	84-97
E5EE-A4E	FORD	1.9	ESCORT	2	116	L 4	87-96
E5EE-A4E	FORD	1.9	ESCORT	9	116	L 4	86-90
E5EE-A4E	FORD	1.9	No Model	J	116	L 4	86-96
E5EE-A5E	FORD	1.9	ESCORT	2	116	L 4	87-96
E5EE-A5E	FORD	1.9	ESCORT	9	116	L 4	86-90
E5EE-A5E	FORD	1.9	No Model	J	116	L 4	86-96
E5EE-A6E	FORD	1.9	ESCORT	2	116	L 4	87-96
E5EE-A6E	FORD	1.9	ESCORT	9	116	L 4	86-90
E5EE-A6E	FORD	1.9	No Model	J	116	L 4	86-96
E5EE-A7E	FORD	1.9	ESCORT	2	116	L 4	87-96
E5EE-A7E	FORD	1.9	ESCORT	9	116	L 4	86-90
E5EE-A7E	FORD	1.9	No Model	J	116	L 4	86-96
E5EE-AF	FORD	1.9	ESCORT	2	116	L 4	87-96
E5EE-AF	FORD	1.9	ESCORT	9	116	L 4	86-90
E5EE-AF	FORD	1.9	No Model	J	116	L 4	86-96
E5EE-AH	FORD	1.9	ESCORT	2	116	L 4	87-96
E5EE-AH	FORD	1.9	ESCORT	9	116	L 4	86-90
E5EE-AH	FORD	1.9	No Model	J	116	L 4	86-96
E5EE-BB	FORD	1.9	ESCORT	2	116	L 4	87-96
E5EE-BB	FORD	1.9	ESCORT	9	116	L 4	86-90
E5EE-BB	FORD	1.9	No Model	J	116	L 4	86-96
E5EE-F4A	FORD	1.9	ESCORT	2	116	L 4	87-96
E5EE-F4A	FORD	1.9	ESCORT	9	116	L 4	86-90
E5EE-F4A	FORD	1.9	No Model	J	116	L 4	86-96
E5EE-F7A	FORD	1.9	No Model	J	116	L 4	86-96
E5EE-FA	FORD	1.9	ESCORT	2	116	L 4	87-96
E5EE-FA	FORD	1.9	ESCORT	9	116	L 4	86-90
E5EE-FA	FORD	1.9	No Model	J	116	L 4	86-96
E5EE-FB	FORD	1.9	ESCORT	2	116	L 4	87-96
E5EE-FB	FORD	1.9	ESCORT	9	116	L 4	86-90
E5EE-FB	FORD	1.9	No Model	J	116	L 4	86-96
E5HK-6090-AE	FORD	7.8	No Model	A	474	L 6	86-95
E5HK-6090-AF	FORD	7.8	No Model	A	474	L 6	86-95
E5HN-6090-AB	FORD	6.6	TRUCK	P	401	L 6	86-98
E5OE	FORD	5.0	No Model	F	302	V 8	83-87
E5OE	FORD	5.0	No Model	F	302	V 8	84-87
E5OE	FORD	5.0	No Model	M	302	V 8	84-87
E5OE	FORD	5.0	No Model	M	302	V 8	86-86
E5OE	FORD	5.0	No Model	N	302	V 8	85-97
E5SE-AA	FORD	5.0	No Model	M	302	V 8	84-87
E5TE-A2B	FORD	5.0	No Model	E	302	V 8	87-93
E5TE-A2B	FORD	5.0	No Model	F	302	V 8	83-87
E5TE-A2B	FORD	5.0	No Model	F	302	V 8	84-87
E5TE-A2B	FORD	5.0	No Model	F	302	V 8	88-93
E5TE-A2B	FORD	5.0	No Model	M	302	V 8	84-87
E5TE-A2B	FORD	5.0	No Model	M	302	V 8	86-86
E5TE-A2B	FORD	5.0	No Model	N	302	V 8	85-97
E5TE-AB	FORD	5.0	No Model	E	302	V 8	87-93

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
E5TE-AB	FORD	5.0	No Model	F	302	V 8	83-87
E5TE-AB	FORD	5.0	No Model	F	302	V 8	84-87
E5TE-AB	FORD	5.0	No Model	F	302	V 8	88-93
E5TE-AB	FORD	5.0	No Model	M	302	V 8	84-87
E5TE-AB	FORD	5.0	No Model	M	302	V 8	86-86
E5TE-AB	FORD	5.0	No Model	N	302	V 8	85-97
E5TE-AB	FORD	5.8	No Model	H	351	V 8	84-97
E5TE-CA	FORD	4.9	No Model		300	L 6	76-85
E5TE-CA	FORD	4.9	No Model	9	300	L 6	85-86
E5TE-CA	FORD	4.9	No Model	Y	300	L 6	85-86
E5TE-DC	FORD	4.9	CSG-649		300	L 6	65-93
E5TE-DC	FORD	4.9	No Model		300	L 6	76-85
E5TE-DC	FORD	4.9	No Model	9	300	L 6	82-84
E5TE-DC	FORD	4.9	No Model	9	300	L 6	85-86
E5TE-DC	FORD	4.9	No Model	Y	300	L 6	85-86
E5TE-DC	FORD	4.9	No Model	Y	300	L 6	87-96
E5TE-EA	FORD	7.5	No Model	L	460	V 8	79-87
E5TE-HA	FORD	7.0	No Model	8	429	V 8	89-96
E5TE-HA	FORD	7.0	No Model	K	429	V 8	79-90
E5TE-TA	FORD	7.5	LSG875		460	V 8	
E5TE-TA	FORD	7.5	No Model	G	460	V 8	87-98
E5TE-TA	FORD	7.5	No Model	L	460	V 8	79-87
E5TE-TA	FORD	7.5	No Model	SVO	460	V 8	87-97
E5TE-UA	FORD	4.9	No Model	9	300	L 6	85-86
E5TE-UA	FORD	4.9	No Model	Y	300	L 6	85-86
E5TE-UA	FORD	4.9	No Model	Y	300	L 6	87-96
E5ZE	FORD	2.3	No Model	W	140	L 4	83-88
E5ZE-EA	FORD	2.3	No Model	A	140	L 4	85-88
E5ZE-EA	FORD	2.3	No Model	T	140	L 4	80-87
E5ZE-EA	FORD	2.3	No Model	W	140	L 4	83-88
E5ZE-EA	FORD	2.3	No Model	Z	140	L 4	83-85
E6090N	FORD	2.8	No Model	D	172	L 4	55-60
E63E	FORD	2.5	TAURUS	D	153	L 4	86-91
E63E-CB	FORD	2.5	TAURUS	D	153	L 4	86-91
E67E	FORD	2.0	RANGER	C	122	L 4	83-88
E67E	FORD	2.0	RANGER	C	122	L 4	84-85
E67E-AB	FORD	2.0	RANGER	C	122	L 4	83-88
E67E-AB	FORD	2.0	RANGER	C	122	L 4	84-85
E684	JAGUAR	4.0	XJ6	7	243	L 6	90-97
E684	JAGUAR	4.0	XJS		243	L 6	93-96
E69E	FORD	2.3	No Model	A	140	L 4	85-88
E69E-AB	FORD	2.0	RANGER	C	122	L 4	83-88
E69E-AB	FORD	2.0	RANGER	C	122	L 4	84-85
E69E-AB	FORD	2.3	No Model	A	140	L 4	85-88
E69E-AB	FORD	2.3	No Model	W	140	L 4	83-88
E6AE	FORD	3.0	AEROSTAR	U	183	V 6	90-99
E6AE	FORD	3.0	No Model	U	183	V 6	86-90
E6AE-H	FORD	3.0	AEROSTAR	U	183	V 6	90-99
E6AE-H	FORD	3.0	TAURUS	1	183	V 6	97-03
E6AE-H	FORD	3.0	TAURUS	2	183	V 6	96-03
E6AE-HB	FORD	3.0	AEROSTAR	U	183	V 6	90-99
E6AE-HB	FORD	3.0	No Model	U	183	V 6	86-90
E6AE-HB	FORD	3.0	TAURUS	1	183	V 6	97-03
E6AE-HB	FORD	3.0	TAURUS	2	183	V 6	96-03
E6AE-HC	FORD	3.0	AEROSTAR	U	183	V 6	90-99
E6AE-HC	FORD	3.0	TAURUS	1	183	V 6	97-03
E6AE-HC	FORD	3.0	TAURUS	2	183	V 6	96-03

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
E6AE-HL	FORD	3.0	AEROSTAR	U	183	V 6	90-99
E6AE-HL	FORD	3.0	TAURUS	1	183	V 6	97-03
E6AE-HL	FORD	3.0	TAURUS	2	183	V 6	96-03
E6FE	FORD	5.0	No Model	E	302	V 8	87-93
E6FE	FORD	5.0	No Model	F	302	V 8	83-87
E6FE	FORD	5.0	No Model	F	302	V 8	84-87
E6FE	FORD	5.0	No Model	F	302	V 8	88-93
E6FE	FORD	5.0	No Model	N	302	V 8	85-97
E6FE-AA	FORD	5.0	No Model	E	302	V 8	87-93
E6HN-6090-AA	FORD	6.6	TRUCK	P	401	L 6	86-98
E6HN-6090-AA	FORD	7.8	No Model	A	474	L 6	86-95
E6NN	FORD	4.2	BSD-442		256	L 4	
E6NN	FORD	4.2	BSD-442T		256	L 4	
E6NN6090	FORD	4.2	5000	D	256	L 4	72-78
E6NN6090AB	FORD	4.2	5000	D	256	L 4	72-78
E6SE	FORD	5.0	No Model	E	302	V 8	87-93
E6SE	FORD	5.0	No Model	F	302	V 8	83-87
E6SE	FORD	5.0	No Model	F	302	V 8	84-87
E6SE	FORD	5.0	No Model	F	302	V 8	88-93
E6SE	FORD	5.0	No Model	M	302	V 8	84-87
E6SE	FORD	5.0	No Model	N	302	V 8	85-97
E6SE-AA	FORD	5.0	No Model	F	302	V 8	83-87
E6SE-AA	FORD	5.0	No Model	F	302	V 8	84-87
E6SE-AA	FORD	5.0	No Model	F	302	V 8	88-93
E6SE-AA	FORD	5.0	No Model	N	302	V 8	85-97
E6TE-AB	FORD	5.0	No Model	N	302	V 8	85-97
E6TE-DA	FORD	7.5	LSG875		460	V 8	
E6TE-DA	FORD	7.5	No Model	G	460	V 8	87-98
E6TE-DA	FORD	7.5	No Model	L	460	V 8	79-87
E6TE-DA	FORD	7.5	No Model	SVO	460	V 8	87-97
E6TE-EA	FORD	7.0	No Model	8	429	V 8	89-96
E6TE-EA	FORD	7.0	No Model	J	429	V 8	91-95
E6TE-EA	FORD	7.0	No Model	K	429	V 8	79-90
E6TE-FA	FORD	6.1	No Model	7	370	V 8	79-94
E6TE-FA	FORD	6.1	No Model	H	370	V 8	79-93
E6TE-FA	FORD	7.0	No Model	8	429	V 8	89-96
E6TE-FA	FORD	7.0	No Model	J	429	V 8	91-95
E6TE-FA	FORD	7.0	No Model	K	429	V 8	79-90
E6TE-GA	FORD	6.1	No Model	7	370	V 8	79-94
E6TE-GA	FORD	6.1	No Model	H	370	V 8	79-93
E6TE-GA	FORD	7.0	No Model	8	429	V 8	89-96
E6TE-GA	FORD	7.0	No Model	J	429	V 8	91-95
E6TE-GA	FORD	7.0	No Model	K	429	V 8	79-90
E6TE-HA	FORD	7.0	No Model	8	429	V 8	89-96
E6TE-HA	FORD	7.0	No Model	J	429	V 8	91-95
E6TE-HA	FORD	7.0	No Model	K	429	V 8	79-90
E6TE-NA	FORD	5.0	No Model	N	302	V 8	85-97
E6TE-UA	FORD	4.9	No Model	9	300	L 6	85-86
E6TE-UA	FORD	4.9	No Model	Y	300	L 6	85-86
E6TE-UA	FORD	4.9	No Model	Y	300	L 6	87-96
E6ZE	FORD	2.3	No Model	W	140	L 4	83-88
E6ZE-AB	FORD	2.3	No Model	T	140	L 4	80-87
E6ZE-AB	FORD	2.3	No Model	W	140	L 4	83-88
E73E-AA	FORD	2.3	No Model	X	140	L 4	85-86
E73E-BA	FORD	2.3	No Model	X	140	L 4	85-86
E73E-BA	FORD	2.3	No Model	X	141	L 4	87-94
E73E-BA	FORD	2.3	TEMPO	S	140	L 4	85-91

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
E73E-CA	FORD	2.3	No Model	R	140	L 4	83-86
E73E-CA	FORD	2.3	No Model	X	140	L 4	85-86
E73E-CA	FORD	2.3	No Model	X	141	L 4	87-94
E73E-CA	FORD	2.3	TEMPO	S	140	L 4	85-91
E75E-B20A	FORD	4.2	F150	2	256	V 6	97-04
E7AE-AA	FORD	5.0	No Model	E	302	V 8	87-93
E7AE-AA	FORD	5.0	No Model	F	302	V 8	88-93
E7AE-AA	FORD	5.0	No Model	N	302	V 8	85-97
E7AE-AA	FORD	5.0	No Model	T	302	V 8	91-95
E7EE-A	FORD	1.9	ESCORT	2	116	L 4	87-96
E7EE-A	FORD	1.9	ESCORT	9	116	L 4	86-90
E7EE-A	FORD	1.9	No Model	J	116	L 4	86-96
E7EE-A7A	FORD	1.9	ESCORT	9	116	L 4	86-90
E7EE-D4C	FORD	1.9	ESCORT	2	116	L 4	87-96
E7EE-D4C	FORD	1.9	ESCORT	9	116	L 4	86-90
E7EE-D4C	FORD	1.9	No Model	J	116	L 4	86-96
E7EE-D4F	FORD	1.9	ESCORT	9	116	L 4	86-90
E7EE-D7C	FORD	1.9	ESCORT	2	116	L 4	87-96
E7EE-D7C	FORD	1.9	ESCORT	9	116	L 4	86-90
E7EE-D7C	FORD	1.9	No Model	J	116	L 4	86-96
E7EE-D7E	FORD	1.9	ESCORT	2	116	L 4	87-96
E7EE-D7E	FORD	1.9	ESCORT	9	116	L 4	86-90
E7EE-D7E	FORD	1.9	No Model	J	116	L 4	86-96
E7EE-D7F	FORD	1.9	ESCORT	9	116	L 4	86-90
E7EE-G4A	FORD	1.9	ESCORT	2	116	L 4	87-96
E7EE-G4A	FORD	1.9	ESCORT	9	116	L 4	86-90
E7EE-G4A	FORD	1.9	No Model	J	116	L 4	86-96
E7EE-G4D	FORD	1.9	No Model	J	116	L 4	86-96
E7EE-G4E	FORD	1.9	ESCORT	2	116	L 4	87-96
E7EE-G4E	FORD	1.9	ESCORT	9	116	L 4	86-90
E7EE-G4E	FORD	1.9	No Model	J	116	L 4	86-96
E7EE-G7A	FORD	1.9	ESCORT	2	116	L 4	87-96
E7EE-G7A	FORD	1.9	ESCORT	9	116	L 4	86-90
E7EE-G7A	FORD	1.9	No Model	J	116	L 4	86-96
E7EE-G7C	FORD	1.9	No Model	J	116	L 4	86-96
E7EE-G7D	FORD	1.9	No Model	J	116	L 4	86-96
E7EE-GB	FORD	1.9	ESCORT	2	116	L 4	87-96
E7EE-GB	FORD	1.9	ESCORT	9	116	L 4	86-90
E7EE-GB	FORD	1.9	No Model	J	116	L 4	86-96
E7EE-GC	FORD	1.9	ESCORT	2	116	L 4	87-96
E7EE-GC	FORD	1.9	ESCORT	9	116	L 4	86-90
E7EE-GC	FORD	1.9	No Model	J	116	L 4	86-96
E7SE-BA	FORD	2.3	No Model	T	140	L 4	80-87
E7SE-BA	FORD	2.3	No Model	W	140	L 4	83-88
E7SE-DC	FORD	4.9	No Model	Y	300	L 6	87-96
E7TE	FORD	4.9	No Model	Y	300	L 6	87-96
E7TE	FORD	5.0	No Model	T	302	V 8	91-95
E7TE-80	FORD	7.0	No Model	J	429	V 8	91-95
E7TE-80	FORD	7.0	No Model	K	429	V 8	79-90
E7TE-AA	FORD	5.0	No Model	E	302	V 8	87-93
E7TE-AA	FORD	5.0	No Model	F	302	V 8	83-87
E7TE-AA	FORD	5.0	No Model	F	302	V 8	84-87
E7TE-AA	FORD	5.0	No Model	F	302	V 8	88-93
E7TE-AA	FORD	5.0	No Model	N	302	V 8	85-97
E7TE-BD	FORD	7.0	No Model	8	429	V 8	89-96
E7TE-BD	FORD	7.0	No Model	J	429	V 8	91-95
E7TE-BD	FORD	7.5	LSG875		460	V 8	

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
E7TE-BD	FORD	7.5	No Model	G	460	V 8	87-98
E7TE-BD	FORD	7.5	No Model	L	460	V 8	79-87
E7TE-BD	FORD	7.5	No Model	SVO	460	V 8	87-97
E7TE-DA	FORD	7.0	No Model	8	429	V 8	89-96
E7TE-DC	FORD	4.9	No Model	9	300	L 6	85-86
E7TE-DC	FORD	4.9	No Model	Y	300	L 6	85-86
E7TE-DC	FORD	4.9	No Model	Y	300	L 6	87-96
E7TE-NA	FORD	4.9	No Model	Y	300	L 6	87-96
E7TE-PA	FORD	5.0	No Model	E	302	V 8	87-93
E7TE-PA	FORD	5.0	No Model	F	302	V 8	83-87
E7TE-PA	FORD	5.0	No Model	F	302	V 8	84-87
E7TE-PA	FORD	5.0	No Model	F	302	V 8	88-93
E7TE-PA	FORD	5.0	No Model	N	302	V 8	85-97
E7TE-PA	FORD	5.0	No Model	T	302	V 8	91-95
E7TE-PA	FORD	5.8	No Model	G	351	V 8	83-91
E7TE-PA	FORD	5.8	No Model	H	351	V 8	84-97
E7TE-PA	JOHN DEERE	1.7	3T90TJ		105	L 3	
E83E	FORD	2.3	No Model	X	141	L 4	87-94
E83E	FORD	2.3	TEMPO	S	140	L 4	85-91
E83E-B11B	FORD	2.3	No Model	X	141	L 4	87-94
E83E-B11B	FORD	2.3	TEMPO	S	140	L 4	85-91
E83E-B3B	FORD	2.3	No Model	X	141	L 4	87-94
E83E-B3B	FORD	2.3	TEMPO	S	140	L 4	85-91
E83E-D11B	FORD	2.3	No Model	X	141	L 4	87-94
E83E-D11B	FORD	2.3	TEMPO	S	140	L 4	85-91
E83E-D3B	FORD	2.3	No Model	X	141	L 4	87-94
E83E-D3B	FORD	2.3	TEMPO	S	140	L 4	85-91
E83E-DG	FORD	2.3	No Model	X	141	L 4	87-94
E87E-AB	FORD	2.0	RANGER	C	122	L 4	83-88
E87E-AB	FORD	2.0	RANGER	C	122	L 4	84-85
E88	NISSAN	2.4	240Z	L24	146	L 6	70-73
E88	NISSAN	2.6	260Z	L26	156	L 6	74
E89E-AA	FORD	2.3	No Model	A	140	L 4	89-98
E89E-AA	FORD	2.3	No Model	M	140	L 4	91-93
E89E-AB	FORD	2.3	No Model	A	140	L 4	89-98
E89E-AB	FORD	2.3	No Model	M	140	L 4	91-93
E89E-AB	MAZDA	2.3	B2300	A	140	L 4	94-97
E89E-GB	FORD	2.3	No Model	A	140	L 4	89-98
E8AE	FORD	3.0	AEROSTAR	U	183	V 6	90-99
E8AE	FORD	3.0	TAURUS	1	183	V 6	97-03
E8AE	FORD	3.0	TAURUS	2	183	V 6	96-03
E8BZ-A	FORD	1.3	FESTIVA	K	81	L 4	88-89
E8DE	FORD	2.5	TAURUS	D	153	L 4	86-91
E8DE	FORD	3.8	No Model	4	232	V 6	88-95
E8DE-B7A	FORD	3.8	No Model	4	232	V 6	88-95
E8DE-B7A	FORD	3.8	No Model	4	232	V 6	88-95
E8DE-B9A	FORD	3.8	No Model	4	232	V 6	88-95
E8DE-B9A	FORD	3.8	No Model	4	232	V 6	88-95
E8DE-B9A	FORD	3.8	No Model	4	232	V 6	88-95
E8DE-B9A	FORD	3.8	No Model	R	232	V 6	89-95
E8EE-A7A	FORD	1.9	ESCORT	2	116	L 4	87-96
E8EE-A7A	FORD	1.9	ESCORT	9	116	L 4	86-90
E8EE-A7A	FORD	1.9	No Model	J	116	L 4	86-96
E8EE-AA	FORD	1.9	ESCORT	9	116	L 4	86-90
E8EE-AA	FORD	1.9	No Model	J	116	L 4	86-96
E8JLAA	FORD	5.8	No Model	G	351	V 8	83-91
E8JLAA	FORD	5.8	No Model	H	351	V 8	84-97
E8SE-AB	FORD	2.3	No Model	A	140	L 4	85-88

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
E8TE-DA	FORD	7.5	LSG875		460	V 8	
E8TE-DA	FORD	7.5	No Model	G	460	V 8	87-98
E8TE-DA	FORD	7.5	No Model	L	460	V 8	79-87
E8TE-DA	FORD	7.5	No Model	SVO	460	V 8	87-97
E8TE-EA	FORD	7.5	LSG875		460	V 8	
E8TE-EA	FORD	7.5	No Model	G	460	V 8	87-98
E8TE-EA	FORD	7.5	No Model	L	460	V 8	79-87
E8TE-EA	FORD	7.5	No Model	SVO	460	V 8	87-97
E8TE-FA	FORD	6.1	No Model	7	370	V 8	79-94
E8TE-FA	FORD	6.1	No Model	H	370	V 8	79-93
E8TE-FA	FORD	7.0	No Model	8	429	V 8	89-96
E8TE-FA	FORD	7.0	No Model	J	429	V 8	91-95
E8TE-FA	FORD	7.0	No Model	K	429	V 8	79-90
E97E-BA	FORD	2.3	No Model	A	140	L 4	89-98
E97E-BA	FORD	2.3	No Model	M	140	L 4	91-93
E97E-BA	MAZDA	2.3	B2300	A	140	L 4	94-97
E9CE	FORD	3.8	No Model	4	232	V 6	88-95
E9CE	FORD	3.8	No Model	4	232	V 6	88-95
E9CE	FORD	3.8	No Model	R	232	V 6	89-95
E9DE	FORD	3.8	No Model	4	232	V 6	88-95
E9DE-B7A	FORD	3.8	No Model	4	232	V 6	88-95
E9DE-B7A	FORD	3.8	No Model	4	232	V 6	88-95
E9DE-B7A	FORD	3.8	No Model	R	232	V 6	89-95
E9DE-B9A	FORD	3.8	No Model	4	232	V 6	88-95
E9DE-B9A	FORD	3.8	No Model	4	232	V 6	88-95
E9SE	FORD	3.8	No Model	4	232	V 6	88-95
E9SE	FORD	3.8	No Model	R	232	V 6	89-95
E9SE-D7A	FORD	3.8	No Model	4	232	V 6	88-95
E9SE-D7A	FORD	3.8	No Model	4	232	V 6	88-95
E9SE-D7A	FORD	3.8	No Model	R	232	V 6	89-95
E9TE-DA	FORD	7.0	No Model	K	429	V 8	79-90
EA81	SUBARU	1.8	No Model	4,5,7	109	H 4	80-89
EA82	SUBARU	1.8	No Model	4,5,7	109	H 4	85-88
EAA	FORD	3.5	No Model		215	L 6	52-53
EAB	FORD	3.9	No Model		239	V 8	46-53
EAC	FORD	4.2	No Model	V8	256	V 8	44-55
EAC4002	JAGUAR	3.6	XJ6		219	L 6	88-92
EAC707PB	JAGUAR	4.0	XJ6	7	243	L 6	90-97
EAC707PB	JAGUAR	4.0	XJS		243	L 6	93-96
EAE	FORD	2.2	TRACTORS, NAA,600,700		134	L 4	54-60
EAE-E	FORD	2.2	TRACTORS, NAA,600,700		134	L 4	54-60
EAE-F	FORD	2.2	TRACTORS, NAA,600,700		134	L 4	54-60
EAE-H	FORD	2.2	TRACTORS, NAA,600,700		134	L 4	54-60
EAF	FORD	2.2	TRACTORS, NAA,600,700		134	L 4	54-60
EAF	FORD	2.8	No Model	G	172	L 4	53-80
EAF-E	FORD	2.2	TRACTORS, NAA,600,700		134	L 4	54-60
EASE-A9A	FORD	3.8	No Model	3	232	V 6	82-87
EBF	FORD	3.7	No Model		226	L 6	47-52
EBP	FORD	3.7	No Model		226	L 6	47-52
EBP-A	FORD	3.7	No Model		226	L 6	47-52
EBP-C	FORD	3.7	No Model		226	L 6	47-52
EBP-D	FORD	3.7	No Model		226	L 6	47-52
EBP-G	FORD	3.7	No Model		226	L 6	47-52
EBP-L	FORD	3.7	No Model		226	L 6	47-52
EBU	FORD	3.9	No Model	OHV	239	V 8	54
EBV	FORD	4.8	No Model		292	V 8	55-66
EBV-A	FORD	3.9	No Model	OHV	239	V 8	54

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
EBV-J	FORD	3.9	No Model	OHV	239	V 8	54
EBV-K	FORD	3.9	No Model	OHV	239	V 8	54
EBY	FORD	4.2	No Model	V8	256	V 8	44-55
EBY	FORD	4.3	No Model	L	262	L 6	61-64
EBY-A	FORD	3.9	No Model	OHV	239	V 8	54
EBY-K	FORD	3.9	No Model	OHV	239	V 8	54
EBY-S	FORD	3.9	No Model	OHV	239	V 8	54
ECG	FORD	4.4	No Model		272	V 8	56-66
ECG	FORD	4.8	No Model		292	V 8	55-66
ECG-C	FORD	4.8	No Model		292	V 8	55-66
ECK	FORD	4.8	No Model		292	V 8	55-66
ECK-B	FORD	4.8	No Model		292	V 8	55-66
ECK-ECZ	FORD	4.8	No Model		292	V 8	55-66
ECL	FORD	4.4	No Model		272	V 8	56-66
ECL	FORD	4.8	No Model		292	V 8	55-66
ECL-ECK	FORD	4.8	No Model		292	V 8	55-66
ECR	FORD	4.4	No Model		272	V 8	56-66
ECR	FORD	4.8	No Model		292	V 8	55-66
ECR-A	FORD	4.8	No Model		292	V 8	55-66
ECS	FORD	5.4	No Model		332	V 8	58-59
ECS	FORD	5.4	No Model	CAR	332	V 8	58-59
ECS-A	FORD	5.0	No Model	F	302	V 8	56-65
ECS-E	FORD	5.0	No Model	F	302	V 8	56-65
ECT	FORD	5.4	No Model		332	V 8	58-59
ECT	FORD	5.4	No Model	CAR	332	V 8	58-59
ECT-A	FORD	5.4	No Model		332	V 8	58-59
ECT-A	FORD	5.4	No Model	CAR	332	V 8	58-59
ECU	FORD	6.0	No Model		368	V 8	56-57
ECX	FORD	4.8	No Model		292	V 8	55-66
ECZ	FORD	4.4	No Model		272	V 8	56-66
ECZ	FORD	4.8	No Model		292	V 8	55-66
ECZ-A	FORD	4.4	No Model		272	V 8	56-66
ECZ-A	FORD	4.8	No Model		292	V 8	55-66
ECZ-B	FORD	4.4	No Model		272	V 8	56-66
ECZ-B	FORD	4.8	No Model		292	V 8	55-66
ECZ-B	FORD	5.1	FAIRLANE		312	V 8	56-60
ECZ-C	FORD	4.4	No Model		272	V 8	56-66
ECZ-C	FORD	4.8	No Model		292	V 8	55-66
ECZ-C	FORD	5.1	FAIRLANE		312	V 8	56-60
ECZ-E	FORD	5.1	FAIRLANE		312	V 8	56-60
ECZ-F	FORD	5.1	FAIRLANE		312	V 8	56-60
ECZ-G	FORD	4.4	No Model		272	V 8	56-66
ECZ-G	FORD	4.8	No Model		292	V 8	55-66
ECZ-G	FORD	5.1	FAIRLANE		312	V 8	56-60
EDB-B	FORD	5.1	FAIRLANE		312	V 8	56-60
EDB-D	FORD	5.1	FAIRLANE		312	V 8	56-60
EDB-E	FORD	5.1	FAIRLANE		312	V 8	56-60
EDC	FORD	5.4	No Model		332	V 8	58-59
EDC	FORD	5.4	No Model	CAR	332	V 8	58-59
EDC-E	FORD	5.8	No Model		352	V 8	58-67
EDG	FORD	6.7	No Model	58	410	V 8	58-58
EDJ	FORD	7.0	EDSEL	K	430	V 8	58-65
EDZ	FORD	6.7	No Model	58	410	V 8	58-58
EGAE-HC	FORD	3.0	No Model	U	183	V 6	86-90
EM-1	HONDA	1.5	CIVIC	EW3	91	L 4	85-86
EM-1	HONDA	1.5	CIVIC	EW4	91	L 4	84-87
EOBE-BB	FORD	3.3	No Model	X	200	L 6	83

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
ERC0216	ROVER	3.9	No Model	2	241	V 8	89-96
ERC0216	ROVER	4.0	No Model	97	241	V 8	97-00
EW	HONDA	1.5	CIVIC	EW1	91	L 4	84-87
EW	HONDA	1.5	CIVIC	EW3	91	L 4	85-86
EW	HONDA	1.5	CIVIC	EW4	91	L 4	84-87
EW3	HYUNDAI	3.5	XG 350	E	213	V 6	02-05
F 1	SUZUKI	1.6	No Model	O	97	L 4	89-95
F0EE-A7E	FORD	1.9	No Model	J	116	L 4	86-96
F0EE-B7A	FORD	1.9	ESCORT	2	116	L 4	87-96
F0EE-B7A	FORD	1.9	No Model	J	116	L 4	86-96
F0JE-AA	FORD	5.0	No Model	T	302	V 8	91-95
F1215R	JOHN DEERE	6.2	70		379	L 2	50-57
F1306R	JOHN DEERE	6.2	70		379	L 2	50-57
F135A00306	CONTINENTAL	2.2	135	F	135	L 4	
F13E	FORD	2.3	No Model	X	141	L 4	87-94
F13E	FORD	2.3	TEMPO	S	140	L 4	85-91
F13E-A3A	FORD	2.3	No Model	X	141	L 4	87-94
F13E-A3A	FORD	2.3	TEMPO	S	140	L 4	85-91
F13E-A3A	FORD	2.5	TAURUS	D	153	L 4	86-91
F13E-AA	FORD	2.3	No Model	X	141	L 4	87-94
F153-A7A	FORD	3.8	No Model	4	232	V 6	88-95
F153-A7A	FORD	3.8	No Model	4	232	V 6	88-95
F15E-A3A	FORD	2.3	No Model	X	141	L 4	87-94
F15E-A3A	FORD	2.3	TEMPO	S	140	L 4	85-91
F15E-A7A	FORD	3.8	No Model	4	232	V 6	88-95
F15E-AA	FORD	3.8	No Model	4	232	V 6	88-95
F19002C	WAUKESHA	3.8	VRG232		232	L 6	
F1958R	JOHN DEERE	6.2	70		379	L 2	50-57
F1958R	JOHN DEERE	6.2	70	D	376	L 2	55-55
F1AE-H18	FORD	4.6	No Model	W, X	281	V 8	91-05
F1AE-H24	FORD	4.6	No Model	W, X	281	V 8	91-05
F1AE-H24C	FORD	4.6	No Model	W, X	281	V 8	91-05
F1BE-A3A	FORD	2.3	No Model	X	141	L 4	87-94
F1SE	FORD	3.8	No Model	4	232	V 6	88-95
F1SE-A4A	FORD	3.8	No Model	R	232	V 6	89-95
F1SE-A5A	FORD	3.8	No Model	R	232	V 6	89-95
F1SE-AA	FORD	3.8	No Model	4	232	V 6	88-95
F1ZE-AA	FORD	5.0	EXPLORER	P	302	V 8	97-00
F1ZE-AA	FORD	5.0	No Model	D	302	V 8	95-97
F1ZE-AA	FORD	5.8	F150	R	351	V 8	93-96
F1ZE-AA	FORD	5.8	No Model	H	351	V 8	84-97
F201	FORD	2.2	PROBE	C	133	L 4	89-92
F201	FORD	2.2	PROBE	L	133	L 4	89-92
F201	MAZDA	2.2	626	F2	133	L 4	88-92
F220	FORD	2.2	PROBE	C	133	L 4	89-92
F220	FORD	2.2	PROBE	L	133	L 4	89-92
F220	MAZDA	2.2	626	F2	133	L 4	88-92
F-22A4	HONDA	2.2	ACCORD	F22A1	132	L 4	90-91
F-22A4	HONDA	2.2	ACCORD	F22A1	132	L 4	92-93
F-22A4	HONDA	2.2	ACCORD	F22B1	132	L 4	94-97
F-22A4	HONDA	2.2	ACCORD	F22B2	132	L 4	94-97
F-22A4	HONDA	2.2	ACCORD	F22B6	132	L 4	94-97
F2701R	JOHN DEERE	5.9	720		361	L 2	
F2703R	JOHN DEERE	2.5	820, 830 & 1020	D	152	L 3	
F27E-A11A	FORD	2.3	No Model	A	140	L 4	89-98
F27E-A11A	FORD	2.3	No Model	M	140	L 4	91-93
F27E-A11B	FORD	2.3	No Model	A	140	L 4	89-98

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
F27E-A11B	FORD	2.3	No Model	M	140	L 4	91-93
F27E-A11B	MAZDA	2.3	B2300	A	140	L 4	94-97
F29E-A11B	FORD	2.3	No Model	M	140	L 4	91-93
F2AE	FORD	4.6	No Model	W, X	281	V 8	91-05
F2PE	FORD	5.0	No Model	D	302	V 8	95-97
F2PE-BA	FORD	5.0	EXPLORER	P	302	V 8	97-00
F2PE-BA	FORD	5.0	No Model	D	302	V 8	95-97
F2SM	MAZDA	2.2	F2	F2SA	0	L 4	
F30SE	FORD	3.8	No Model	4	232	V 6	88-95
F30SE	FORD	3.8	No Model	R	232	V 6	89-95
F3211R	JOHN DEERE	5.9	720		361	L 2	
F3211R	JOHN DEERE	5.9	730		361	L 2	
F3211R	JOHN DEERE	6.2	730	D	376	L 2	
F3511R	JOHN DEERE	5.9	720		361	L 2	
F3511R	JOHN DEERE	5.9	720	D	362	L 2	
F3511R	JOHN DEERE	5.9	730		361	L 2	
F35E-A20A	FORD	3.8	No Model	4	232	V 6	88-95
F35E-B20	FORD	3.8	No Model	4	232	V 6	88-95
F35E-B20A	FORD	3.8	No Model	4	232	V 6	88-95
F35E-B22	FORD	3.8	No Model	4	232	V 6	88-95
F35E-B22A	FORD	3.8	No Model	4	232	V 6	88-95
F3AE-1A	FORD	4.6	No Model	V	281	V 8	93-03
F3AE-AA	FORD	5.0	EXPLORER	P	302	V 8	97-00
F3SE	FORD	3.0	AEROSTAR	U	183	V 6	90-99
F3SE	FORD	3.0	TAURUS	1	183	V 6	97-03
F3SE	FORD	3.0	TAURUS	2	183	V 6	96-03
F3SE	FORD	3.8	No Model	4	232	V 6	88-95
F3SE-A20A	FORD	3.8	No Model	R	232	V 6	89-95
F3SE-B20A	FORD	3.8	No Model	4	232	V 6	88-95
F3SE-B22A	FORD	3.8	No Model	4	232	V 6	88-95
F3TE-JA	FORD	7.5	No Model	G	460	V 8	87-98
F3TE-JA	FORD	7.5	No Model	SVO	460	V 8	87-97
F3ZE-AA	FORD	5.0	No Model	D	302	V 8	95-97
F400A00602	CONTINENTAL	2.2	135	F	135	L 4	
F400A-330	CONTINENTAL	2.3	140	F	140	L 4	
F401A00362	CONTINENTAL	2.2	135	F	135	L 4	
F401A00363	CONTINENTAL	2.2	135	F	135	L 4	
F401A00369	CONTINENTAL	2.2	135	F	135	L 4	
F401A00600	CONTINENTAL	2.2	135	F	135	L 4	
F401A00602	CONTINENTAL	2.7	163	F (4)	163	L 4	
F486R	JOHN DEERE	6.8	G		413	2	38-53
F49R	JOHN DEERE	6.8	G		413	2	38-53
F4AE-A22A	FORD	4.6	No Model	W, X	281	V 8	91-05
F4AE-A22B	FORD	4.6	No Model	W, X	281	V 8	91-05
F4AE-A24A	FORD	4.6	No Model	W, X	281	V 8	91-05
F4SE6090B22A	FORD	3.8	No Model	4	232	V 6	88-95
F4SE-A7A	FORD	3.8	No Model	R	232	V 6	89-95
F4SE-G22A	FORD	3.8	No Model	4	232	V 6	88-95
F53E-6090-AD	FORD	2.5	CONTOUR	L	155	V 6	95-02
F53E-6C-064-AD	FORD	2.5	CONTOUR	L	155	V 6	95-02
F551R	JOHN DEERE	6.8	G		413	2	38-53
F57E	FORD	2.5	RANGER	C	152	L 4	98-00
F57E-E11C	FORD	2.3	No Model	A	140	L 4	89-98
F57E-E11C	MAZDA	2.3	B2300	A	140	L 4	94-97
F5AE-A23E	FORD	4.6	No Model	W, X	281	V 8	91-05
F5AE-A24E	FORD	4.6	No Model	W, X	281	V 8	91-05
F5AE-B22A	FORD	4.6	No Model	W, X	281	V 8	91-05

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
F5AE-B24A	FORD	4.6	No Model	W, X	281	V 8	91-05
F5AE-CA	FORD	5.0	No Model	F	302	V 8	83-87
F5AE-CA	FORD	5.0	No Model	M	302	V 8	84-87
F5DE-AA	FORD	3.4	TAURUS SHO	N	207	V 8	96-99
F5JL60905A	FORD	2.3	LRG423		140	L 4	95-01
F601A00363	CONTINENTAL	3.7	227	F	227	L 6	
F601A00363	CONTINENTAL	4.0	245	F	245	L 6	
F601A00364	CONTINENTAL	3.7	227	F	227	L 6	
F601A00364	CONTINENTAL	4.0	245	F	245	L 6	
F601A00365	CONTINENTAL	3.7	227	F	227	L 6	
F601A00365	CONTINENTAL	4.0	245	F	245	L 6	
F601A00367	CONTINENTAL	3.7	F226	F	226	L 6	
F601A00368	CONTINENTAL	3.7	F226	F	226	L 6	
F601A00369	CONTINENTAL	3.7	F226	F	226	L 6	
F601A00601	CONTINENTAL	3.7	227	F	227	L 6	
F601A00601	CONTINENTAL	4.0	245	F	245	L 6	
F601A00602	CONTINENTAL	3.7	F226	F	226	L 6	
F601A4001	CONTINENTAL	3.7	227	F	227	L 6	
F601A4001	CONTINENTAL	4.0	245	F	245	L 6	
F65AM-BB	FORD	4.6	CROWN VICTORIA	W, 9	281	V 8	97-04
F65E	FORD	4.2	F150	2	256	V 6	97-04
F65E-B20A	FORD	4.6	No Model	6	281	V 8	96-01
F65E-BC	FORD	3.8	WINDSTAR	4	232	V 6	96-04
F65EM-BB	FORD	4.6	CROWN VICTORIA	W, 9	281	V 8	97-04
F65E-MCA	FORD	4.6	No Model	6	281	V 8	96-01
F6DE	FORD	3.0	TAURUS	1	183	V 6	97-03
F6DE-GA	FORD	3.0	AEROSTAR	U	183	V 6	90-99
F6DE-GC	FORD	3.0	AEROSTAR	U	183	V 6	90-99
F6DE-QC	FORD	3.0	TAURUS	2	183	V 6	96-03
F6DE-QC	FORD	3.0	TAURUS	U	183	V 6	00-03
F6LE-MAA	FORD	4.6	No Model	V	281	V 8	93-03
F6ZE-B22E	FORD	3.8	WINDSTAR	4	232	V 6	96-04
F74E-MAD	FORD	4.6	No Model	V	281	V 8	93-03
F75E	FORD	4.2	F150	2	256	V 6	97-04
F75E-B20A	FORD	4.2	F150	2	256	V 6	97-04
F75E-B22A	FORD	3.8	WINDSTAR	4	232	V 6	96-04
F75E-C20	FORD	5.4	NAVIGATOR	L	330	V 8	98-05
F75E-C20-A	FORD	5.4	NAVIGATOR	L	330	V 8	98-05
F77E	FORD	5.0	EXPLORER	P	302	V 8	97-00
F7CE-AA	FORD	2.0	ESCORT	P	122	L 4	97-03
F7DE-AB	FORD	3.0	TAURUS	S	182	V 6	96-04
F7DE-AB	MAZDA	3.0	TRIBUTE	1	182	V 6	-03
F7UE-6090-B20A	FORD	6.8	No Model	S	413	V 10	97-05
F8	MAZDA	2.0	626	FE	122	L 4	83-87
F8	MAZDA	2.0	B2000	FE(1)	122	L 4	83-88
F8	MAZDA	2.2	B2200	F2	133	L 4	87-93
F8-1	MAZDA	2.0	626	FE	122	L 4	83-87
F8-1	MAZDA	2.0	626	M	120	L 4	79-84
F8-1	MAZDA	2.0	B2000	FE(1)	122	L 4	83-88
F8-10	MAZDA	2.2	B2200	F2	133	L 4	87-93
F8-11	MAZDA	2.2	B2200	F2	133	L 4	87-93
F8-11H	MAZDA	2.2	B2200	F2	133	L 4	87-93
F8-12	MAZDA	2.0	626	FE	122	L 4	83-87
F8-13	MAZDA	2.0	B2000	FE(1)	122	L 4	83-88
F8-14	MAZDA	2.0	B2000	FE(1)	122	L 4	83-88
F8-15	MAZDA	2.2	B2200	F2	133	L 4	87-93
F8-2	MAZDA	2.0	626	FE	122	L 4	83-87

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
F8-2	MAZDA	2.0	626	M	120	L 4	79-84
F8-2	MAZDA	2.0	B2000	FE(1)	122	L 4	83-88
F8-3	MAZDA	2.0	626	FE	122	L 4	83-87
F8-4	MAZDA	2.0	B2000	FE(1)	122	L 4	83-88
F8-5	MAZDA	2.0	626	FE	122	L 4	83-87
F8-5	MAZDA	2.0	626	M	120	L 4	79-84
F8-5	MAZDA	2.0	B2000	FE(1)	122	L 4	83-88
F8-6	MAZDA	2.0	626	FE	122	L 4	83-87
F8-9	MAZDA	2.0	626	FE	122	L 4	83-87
F8-9	MAZDA	2.0	B2000	FE(1)	122	L 4	83-88
F905750	CASE	2.7	880		164	L 3	
F905760	CASE	3.0	990		185	L 4	
F905760	CASE	3.1	990		186	L 4	
F905760	CASE	3.1	990		186	L 4	61-75
F905760	CASE	3.6	1200		219	L 4	
F905760	CASE	3.6	1490	D(1)	219	L 4	
F905760	CASE	3.6	995	D	219	L 4	
F921438	CASE	3.1	990		186	L 4	61-75
F921438	CASE	3.6	1490	D(1)	219	L 4	
F921438	CASE	3.6	219	DT	219	L 4	
F921438	CASE	3.6	995	D	219	L 4	
F925050	CASE	2.7	885		164	L 3	
FA16A	MAZDA	2.2	B2200	F2	133	L 4	87-93
FB11	MAZDA	2.0	B2000	FE(1)	122	L 4	83-88
FE-01	MAZDA	2.0	626	FE	122	L 4	83-87
FE-01	MAZDA	2.0	B2000	FE(1)	122	L 4	83-88
FE11	MAZDA	2.0	626	FE	122	L 4	83-87
FE11	MAZDA	2.0	B2000	FE(1)	122	L 4	83-88
FE79	MAZDA	2.0	626	FE	122	L 4	83-87
FE79	MAZDA	2.0	No Model	FE	122	L 4	84-87
FE-79	MAZDA	2.0	626	FE	122	L 4	83-87
FE-79	MAZDA	2.0	626	FE	122	L 4	83-87
FE-79	MAZDA	2.0	No Model	FE	122	L 4	84-87
FGC15	MITSUBISHI	1.4	4G33		88	L 4	
FOJE-AA	FORD	5.0	No Model	T	302	V 8	91-95
FRE3SE-A9D	FORD	3.8	No Model	4	232	V 6	88-95
FS-07	FORD	2.0	PROBE	A	122	L 4	93-97
FS2	FORD	2.0	PROBE	A	122	L 4	93-97
FS-2	FORD	2.0	PROBE	A	122	L 4	93-97
FS-2	MAZDA	2.0	626,MR2	FS	122	L 4	93-02
FS-9	MAZDA	2.0	626,MR2	FS	122	L 4	93-02
FY5A	KUBOTA	2.1	K21		126	L 4	
FY5A	NISSAN	2.1	K21		126	L 4	
G 180	GM	1.8	LUV		110	L 4	76-86
G 200	GM	1.9	LUV	A	119	L 4	82-85
G 200	ISUZU	1.9	IMPULSE	A	119	L 4	82-88
G1148	CASE	2.4	300	G	148	L 4	55-60
G13B	MITSUBISHI	1.5	MIRAGE	A	92	L 4	90-99
G13V	CHRYSLER	1.5	COLT	A	91	L 4	90-96
G13V	MITSUBISHI	1.5	MIRAGE	A	92	L 4	90-99
G13V	MITSUBISHI	1.5	No Model	J	91	L 4	90-94
G180	GM	1.8	LUV		110	L 4	76-86
G180	GM	1.8	LUV	2	110	L 4	72-75
G180	ISUZU	1.8	I-MARK	B	111	L 4	81-85
G200	GM	1.8	LUV		110	L 4	76-86
G200	GM	1.9	LUV	A	119	L 4	82-85
G200	ISUZU	1.8	I-MARK	B	111	L 4	81-85

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
G200	ISUZU	1.9	IMPULSE	A	119	L 4	82-88
G2001	CASE	6.2	600 & 900	GAS	377	L 6	
G2023	CASE	2.4	300	G	148	L 4	55-60
G2023	CASE	2.6	300	GD	157	L 4	
G2084	CASE	3.1	530	G	188	L 4	
G2085	CASE	2.6	300	GD	157	L 4	
G2085	CASE	3.1	430	D	188	L 4	
G2088	CASE	2.4	300	G	148	L 4	55-60
G2088	CASE	2.6	530	G	159	L 4	
G2099	CASE	2.4	300	G	148	L 4	55-60
G2099	CASE	2.6	530	G	159	L 4	
G2710	CASE	2.4	300	G	148	L 4	55-60
G2710	CASE	2.4	310 & 580	G(1)	148	L 4	61-66
G30	FORD	1.6	TRACER	5	98	L 4	87-92
G6	MAZDA	2.6	B2600		159	L 4	89-95
G6	MITSUBISHI	2.4	GALANT	G	143	L 4	93-04
G-6	CHRYSLER	2.0	LASER	E	122	L 4	93-94
G63B	CHRYSLER	2.0	COLT	D	122	L 4	83-90
G63B	CHRYSLER	2.0	COLT	MMC	122	L 4	75-88
G63B	CHRYSLER	2.0	COLT	V	122	L 4	89-91
G63B	CHRYSLER	2.0	No Model	MMC	122	L 4	83-90
G63B	MITSUBISHI	2.0	4G52		122	L 4	
G63B	MITSUBISHI	2.0	No Model		122	L 4	74-82
G644	GM	1.8	LUV	2	110	L 4	72-75
G6K2	CHRYSLER	2.4	COLT VISTA	G	143	L 4	93-95
G6K2	MITSUBISHI	2.4	GALANT	G	143	L 4	93-04
G6K4	MITSUBISHI	2.4	GALANT	G	143	L 4	93-04
G6K5	MITSUBISHI	2.4	GALANT	G	143	L 4	93-04
G6K6	MITSUBISHI	2.4	GALANT	G	143	L 4	93-04
G7S4FF	CHRYSLER	2.5	STRATUS	H	152	V 6	95-99
G7S4FF	MITSUBISHI	3.5	MONTERO	R	213	V 6	97-04
G7S4FR	MITSUBISHI	3.0	MONTERO	H	181	V 6	95-03
G7S4FR	MITSUBISHI	3.5	MONTERO	M	213	V 6	94-96
G93	CHRYSLER	1.8	COLT	C	110	L 4	93-94
G94	MITSUBISHI	1.8	MIRAGE	C	111	L 4	92-00
G94	MITSUBISHI	1.8	MIRAGE	C	111	L 4	92-00
GD157A500	CASE	3.1	430	D	188	L 4	
GD193DA610M	CONTINENTAL	3.2	4193	G	193	L 4	
GD193DA610M	CONTINENTAL	3.2	G193		193	L 4	
GPW-6050	CHRYSLER	2.2	No Model	A/J	134	L 4	42-71
GPW-6050	HENRY	2.2	No Model		134	L 4	53-71
GPW-6050	JEEP	2.2	No Model		134	L 4	53-71
H110R	JOHN DEERE	1.6	H		100	L 2	45-55
H-1332	CHRYSLER	2.3	4D55	E	143	L 4	83-85
H-1332	CHRYSLER	2.3	M4D55	J	143	L 4	84-85
H-1332	CHRYSLER	2.3	M4D55	J	143	L 4	84-85
H-1332	FORD	2.3	No Model	E	140	L 4	85-87
H-1332	FORD	2.3	No Model	E	140	L 4	85-87
H-1332	MITSUBISHI	2.3	4D55	J	143	L 4	83-87
H-1332	MITSUBISHI	2.3	4D55	J	143	L 4	83-87
H2001	CASE	6.2	600 & 900	TURBO	377	L 6	
H2001	CASE	6.2	900	DIESL	377	L 6	
H260A-60-F	CONTINENTAL	4.3	HD260		260	L 4	
H72	NISSAN	1.4	B210	A14	85	L 4	75-77
H7240	NISSAN	1.4	210	A14	85	L 4	79-80
H7240	NISSAN	1.4	210	A14	85	L 4	81-82
H7240	NISSAN	1.4	B210	A14	85	L 4	75-77

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
H7240	NISSAN	1.4	B210	A14	85	L 4	78
H-95	NISSAN	1.4	210	A14	85	L 4	79-80
H-95	NISSAN	1.4	210	A14	85	L 4	81-82
H-95	NISSAN	1.4	B210	A14	85	L 4	78
H-95	NISSAN	1.5	210	A15	91	L 4	79-80
H-95	NISSAN	1.5	210	A15	91	L 4	81-82
HE-19	MAZDA	2.0	626	M	120	L 4	79-84
HE-19	MAZDA	2.0	626	MA	120	L 4	84-87
HE-19	MAZDA	2.0	B2000	MA	120	L 4	82-84
HE-19	MAZDA	2.0	B2000	MA	120	L 4	84-86
HF1	ACURA	3.0	NSX	C30A1	182	V 6	91-95
HM8	ACURA	1.6	INTEGRA	D16A1	97	L 4	86-89
HRC2479	ROVER	4.0	No Model	97	241	V 8	97-00
IK180	OLIVER	3.8	1550	D	232	L 6	
IK180	OLIVER	4.3	1650		265	L 6	47-67
IK180G	OLIVER	3.8	1550	D	232	L 6	
IM180D	OLIVER	3.5	770	G	216	L 6	55-67
JE	MAZDA	3.0	929	JE	180	V 6	88-89
JE06	MAZDA	3.0	929	JE	180	V 6	88-89
JE06	MAZDA	3.0	929	JE	180	V 6	90-97
JE1A1	MAZDA	3.0	929	JE	180	V 6	90-96
JE26	MAZDA	3.0	929	JE	180	V 6	90-96
JE26101	MAZDA	3.0	929	JE	180	V 6	90-96
JE261A1	MAZDA	3.0	929	JE	180	V 6	90-96
JE27	MAZDA	3.0	929	JE	180	V 6	90-96
JE48	MAZDA	3.0	929	JE	180	V 6	90-96
JE48101	MAZDA	3.0	929	JE	180	V 6	90-96
JEO-6	MAZDA	3.0	929	JE	180	V 6	88-89
JEO-6	MAZDA	3.0	929	JE	180	V 6	90-97
K	FORD	2.9	SCORPIO	BRG	179	V 6	-95
K180	WAUKESHA	3.8	VRG232		232	L 6	
K180A	OLIVER	3.8	1550	D	232	L 6	
K1A	KUBOTA	1.7	L355		106	L 4	
K1A	KUBOTA	1.7	L355	D	106	L 4	
K-1A	KUBOTA	1.7	L355		106	L 4	
K1B	KUBOTA	1.7	L355		106	L 4	
K-1B	KUBOTA	1.7	L355		106	L 4	
K21	KIA	1.8	SEPHIA	T8	109	L 4	99-04
K2-1	KIA	1.8	SEPHIA	T8	109	L 4	99-04
K247	KIA	1.8	SEPHIA	T8	109	L 4	99-04
K-247	KIA	1.8	SEPHIA	T8	109	L 4	99-04
K255220E	HERCULES	3.3	GO-198A		198	L 4	
K2A	KUBOTA	1.7	L355		106	L 4	
K-2A	KUBOTA	1.7	L355		106	L 4	
K-2B	KUBOTA	1.9	CT4-114		114	L 4	
K-2B	KUBOTA	1.9	V1902-B		114	L 4	
K2C	KUBOTA	2.2	V2203-DI-B		134	L 4	
K-2C	KUBOTA	2.2	V2203-DI-B		134	L 4	
K31101	MAZDA	2.5	626	KL	153	V 6	93-00
K311A1	MAZDA	2.5	626	KL	153	V 6	93-00
K3B	KUBOTA	2.6	S2600-B		158	L 6	
K-3B	KUBOTA	2.6	S2600-B		158	L 6	
K4	MITSUBISHI	2.4	GALANT	G	143	L 4	93-04
K-4C	KUBOTA	1.4	D1402-B		85	L 3	
K-5A	KUBOTA	1.4	D1402-B		85	L 3	
K5-A	KUBOTA	1.4	D1402-B		85	L 3	
K-5B	KUBOTA	1.4	D1402-B		85	L 3	

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
K-5C	KUBOTA	1.4	D1402-B		85	L 3	
K8101	MAZDA	2.5	626	KL	153	V 6	93-00
K81A1	MAZDA	2.5	626	KL	153	V 6	93-00
KJ101	MAZDA	2.3	MILLENIA	KJ	137	V 6	94-99
KJ1A1	MAZDA	2.3	MILLENIA	KJ	137	V 6	94-99
KL101	MAZDA	2.5	626	KL	153	V 6	93-00
KL101	MAZDA	2.5	626	KL	153	V 6	93-00
KL1A1	MAZDA	2.5	626	KL	153	V 6	93-00
KL1A1	MAZDA	2.5	626	KL	153	V 6	93-00
KL31-101	MAZDA	2.5	626	KL	153	V 6	93-00
KL31-1A1	MAZDA	2.5	626	KL	153	V 6	93-00
L	FORD	3.2	TAURUS SHO	P	195	V 6	93-95
L35	HYUNDAI	3.5	XG 350	E	213	V 6	02-05
L52	NISSAN	3.0	200SX	VG30	181	V 6	84-86
L52	NISSAN	3.0	MAXIMA	VG30	181	V 6	84-87
L-60U1R	INFINITI	4.5	Q-45	N	274	V 8	90-99
L85	NISSAN	3.0	MAXIMA	VG30E	181	V 6	87-97
L-85-E	FORD	3.0	VILLAGER	W	181	V 6	93-99
L9111	CUMMINS	24.4	VT1486		1486	V 12	60-70
LO3310852	GM	2.2	CAVALIER	F	134	L 4	00-05
L-V52	NISSAN	3.0	MAXIMA	VG30	181	V 6	84-87
M10	HYUNDAI	1.5	EXCEL	J	90	L 4	90-94
M11	HYUNDAI	1.5	EXCEL	J	90	L 4	86-89
M11	HYUNDAI	1.5	EXCEL	J	90	L 4	90-94
M1150162001	MERCEDES BENZ	2.3	230		140	L 4	74-78
M14	MINISUBISHI	1.5	PRECIS	J	90	L 4	87-89
M-14	CHRYSLER	2.0	COLT	D	122	L 4	83-90
M16	CHRYSLER	1.5	COLT	K	91	L 4	85-88
M16	HYUNDAI	1.5	EXCEL	J	90	L 4	86-89
M16	HYUNDAI	1.5	EXCEL	J	90	L 4	90-94
M16	MINISUBISHI	1.5	MIRAGE	K	90	L 4	85-88
M17	CHRYSLER	1.8	COLT	T	107	L 4	89-93
M17	HYUNDAI	1.5	EXCEL	J	90	L 4	86-89
M17	HYUNDAI	1.5	EXCEL	J	90	L 4	90-94
M1768T	JOHN DEERE	1.6	40		100	L 2	52-57
M1768T	JOHN DEERE	1.6	No Model		100	L 2	52-57
M180A	OLIVER	3.5	77KD		216	L 6	55-67
M180C	OLIVER	3.5	77KD		216	L 6	55-67
M19	HYUNDAI	1.5	EXCEL	J	90	L 4	86-89
M19	HYUNDAI	1.5	EXCEL	J	90	L 4	90-94
M19	HYUNDAI	2.4	SONATA	S	143	L 4	89-93
M19	MINISUBISHI	1.5	MIRAGE	A	92	L 4	90-99
M20	HYUNDAI	1.5	EXCEL	J	90	L 4	90-94
M24	CHRYSLER	2.6	CONQUEST	H	156	L 4	84-88
M29	MINISUBISHI	2.6	No Model	7	156	L 4	83-89
M3035T	JOHN DEERE	1.9	420		113	L 2	
M3035T	JOHN DEERE	1.9	430		113	L 2	
M34	MINISUBISHI	2.0	GALANT	V	122	L 4	89-92
M37	HYUNDAI	1.8	ELANTRA	M	107	L 4	93-94
M37	MINISUBISHI	1.8	ECLIPSE	T	107	L 4	90-92
M38	HYUNDAI	1.8	ELANTRA	M	107	L 4	93-94
M38	MINISUBISHI	1.8	ECLIPSE	T	107	L 4	90-92
M39	CHRYSLER	1.8	COLT	B	107	L 4	93-94
M39	CHRYSLER	1.8	COLT	T	107	L 4	89-93
M39	MINISUBISHI	1.8	ECLIPSE	B	107	L 4	93-94
M3939T	JOHN DEERE	1.6	40		100	L 2	52-57
M3939T	JOHN DEERE	1.6	No Model		100	L 2	52-57

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
M3995	JOHN DEERE	1.9	420		113	L 2	
M3995	JOHN DEERE	1.9	430		113	L 2	
M3995	JOHN DEERE	1.9	440		113	L 2	
M3995T	JOHN DEERE	1.6	40		100	L 2	52-57
M3995T	JOHN DEERE	1.9	420		113	L 2	
M56T	JOHN DEERE	1.6	40		100	L 2	52-57
M56T	JOHN DEERE	1.6	No Model		100	L 2	52-57
M56T	JOHN DEERE	1.6	No Model		100	L 2	52-57
M56T	JOHN DEERE	1.7	40		101	L 2	
M56T	JOHN DEERE	1.8	420		113	L 2	
M6	HYUNDAI	1.5	EXCEL	J	90	L 4	86-89
M6	HYUNDAI	1.5	EXCEL	J	90	L 4	90-94
M7	CHRYSLER	1.5	COLT	A	91	L 4	90-96
M7	MITSUBISHI	1.5	MIRAGE	A	92	L 4	90-99
M7	MITSUBISHI	2.0	ECLIPSE	R	122	L 4	90-92
MB301	FORD	1.3	FESTIVA,ASPIRE	H	81	L 4	89-97
MPV	MAZDA	2.6	B2600		159	L 4	89-95
N47	NISSAN	2.8	280ZX	L28E	168	L 6	75-80
N47	NISSAN	2.8	280ZX	L28E	168	L 6	81-83
N58	NISSAN	2.0	510	L20B	119	L 4	74-79
N62A405	ALLIS CHALMERS	1.0	G	N	62	L 4	
N750	FORD	1.4	LEM853		87	L 3	
N840	FORD	1.7	1910		104	L 3	
N856	NISSAN	2.0	510	Z20S	119	L 4	81
N9T	PEUGEOT	2.2	No Model		132	L 4	85-90
NA72	JOHN DEERE	0.9	3TNA72		54	L 3	
NF21	NISSAN	2.2	SD22	SD22	132	L 4	81-83
NF21	NISSAN	2.3	No Model	SD23	140	L 4	82-87
NF21	NISSAN	2.5	No Model	SD25	152	L 4	83-87
NF22	NISSAN	2.2	SD22	SD22	132	L 4	81-83
NJ7	MITSUBISHI	2.6	S4E		159	L 4	
O2	TOYOTA	2.4	4-RUNNER	22R-T	144	L 4	85-87
OACE	FORD	6.7	No Model	58	410	V 8	58-58
OJ11B190	GM	1.0	SPRINT	M	61	L 3	85
OR1370	CATERPILLAR	10.5	3306	SP	638	L 6	
OR1371	CATERPILLAR	10.5	3306	SP	638	L 6	
OR2608	CATERPILLAR	10.5	3306	SP	638	L 6	
P23-2	HONDA	1.6	CIVIC	D16Y8	97	L 4	96-03
P2F-HA-2	HONDA	1.6	CIVIC	D16Y7	97	L 4	96-00
P2F-HA-3	HONDA	1.6	CIVIC	D16Y7	97	L 4	96-00
P2F-HA-4	HONDA	1.6	CIVIC	D16Y7	97	L 4	96-00
P2F-HA-7	HONDA	1.6	CIVIC	D16Y7	97	L 4	96-00
P2J-2	HONDA	1.6	CIVIC	D16Y8	97	L 4	96-03
P2J-3	HONDA	1.6	CIVIC	D16Y8	97	L 4	96-03
P2J-4	HONDA	1.6	CIVIC	D16Y8	97	L 4	96-03
P2J-6	HONDA	1.6	CIVIC	D16Y8	97	L 4	96-03
P2J-7	HONDA	1.6	CIVIC	D16Y8	97	L 4	96-03
P75-1	HONDA	2.0	CRV	B20B4	120	L 4	97-98
P75-4	HONDA	2.0	CRV	B20B4	120	L 4	97-98
P79	NISSAN	2.8	280ZX	L28E	168	L 6	75-80
P79	NISSAN	2.8	280ZX	L28E	168	L 6	81-83
P90	NISSAN	2.8	280ZX	L28E	168	L 6	75-80
P90	NISSAN	2.8	280ZX	L28E	168	L 6	81-83
P90	NISSAN	2.8	280ZX	L28ET	168	L 6	81-83
PA5-3	HONDA	1.5	CIVIC	EM1	91	L 4	83
PA6-1	HONDA	1.5	CIVIC	EM1	91	L 4	81-82
PA6-1	HONDA	1.5	CIVIC	EM1	91	L 4	83

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
PAA2	HONDA	2.3	ACCORD	F23A1	138	L 4	98-03
PC6C	HONDA	1.8	ACCORD	ES1	112	L 4	83-84
PC7	HONDA	1.8	ACCORD	A18A1	110	L 4	87
PC7	HONDA	1.8	PRELUDE	ET2	112	L 4	84-86
PE7	HONDA	1.5	CIVIC	EW3	91	L 4	85-86
PE7	HONDA	1.5	No Model	D15A3	91	L 4	87
PEO-1	HONDA	1.5	CIVIC	D15A2	91	L 4	87-91
PEO-1	HONDA	1.5	CIVIC	EW1	91	L 4	84-87
PEO-2	HONDA	1.5	CIVIC	D15A2	91	L 4	87-91
PEO-2	HONDA	1.5	CIVIC	EW1	91	L 4	84-87
PEO-2	HONDA	1.5	CRX	EW1	91	L 4	85-87
PEO-22 5	HONDA	1.5	CIVIC	EW3	91	L 4	85-86
PEO2-2V	HONDA	1.3	CIVIC	EV1	82	L 4	84
PEO2-2V	HONDA	1.3	No Model	D13A2	79	L 4	87
PEO2-2V	HONDA	1.5	CRX	EW1	91	L 4	85-87
PEO-3	HONDA	1.5	CIVIC	D15A2	91	L 4	87-91
PEO-3	HONDA	1.5	CIVIC	EW1	91	L 4	84-87
PEO-3	HONDA	1.5	CIVIC	EW3	91	L 4	85-86
PEO-3	HONDA	1.5	CIVIC	EW4	91	L 4	84-87
PEO-4	HONDA	1.5	CIVIC	D15A2	91	L 4	87-91
PEO-4	HONDA	1.5	CIVIC	EW1	91	L 4	84-87
PEO-4	HONDA	1.5	CRX	EW1	91	L 4	85-87
PEO-5	HONDA	1.5	CIVIC	D15A2	91	L 4	87-91
PEO-5	HONDA	1.5	CIVIC	EW1	91	L 4	84-87
PEO-5	HONDA	1.5	CIVIC	EW3	91	L 4	85-86
PEO-5	HONDA	1.5	CIVIC	EW4	91	L 4	84-87
PEO-6	HONDA	1.5	CIVIC	EW1	91	L 4	84-87
PEO-6	HONDA	1.5	CRX	EW1	91	L 4	85-87
PEO-7	HONDA	1.5	CIVIC	D15A2	91	L 4	87-91
PEO-7	HONDA	1.5	CIVIC	EW1	91	L 4	84-87
PEO-7	HONDA	1.5	CIVIC	EW3	91	L 4	85-86
PEO-7	HONDA	1.5	CIVIC	EW4	91	L 4	84-87
PEO-8	HONDA	1.5	CIVIC	EW1	91	L 4	84-87
PJO	HONDA	2.0	ACCORD	A20A1	119	L 4	87-89
PJO	HONDA	2.0	ACCORD	A20A3	119	L 4	87-89
PM3-1	HONDA	1.6	CIVIC	D16A6	97	L 4	88-91
PM3-3	HONDA	1.5	CIVIC	D15B2	91	L 4	88-91
PM3-4	HONDA	1.6	CIVIC	D16A6	97	L 4	88-91
PM3-5	HONDA	1.5	CIVIC	D15B2	91	L 4	88-91
PM3-6	HONDA	1.5	CIVIC	D15B2	91	L 4	88-91
PM3-7	HONDA	1.6	CIVIC	D16A6	97	L 4	88-91
PM3-8	HONDA	1.5	CIVIC	D15B2	91	L 4	88-91
PM3-8	HONDA	1.6	CIVIC	D16A6	97	L 4	88-91
PM3-9	HONDA	1.5	CIVIC	D15B2	91	L 4	88-91
PM5-1	HONDA	1.5	CIVIC	D15B7	91	L 4	92-95
PM8-12	HONDA	1.5	CIVIC	D15B2	91	L 4	88-91
PM8-2	HONDA	1.5	CIVIC	D15B8	91	L 4	92-95
PM8-2	HONDA	1.5	CRX	D15B6	91	L 4	88-91
PM9-2	HONDA	1.5	CIVIC	D15B2	91	L 4	88-91
PM9-3	HONDA	1.5	CIVIC	D15B1	91	L 4	88-91
PM9-3	HONDA	1.6	CIVIC	D16A6	97	L 4	88-91
PM9-5	HONDA	1.5	CIVIC	D15B1	91	L 4	88-91
PM9-5	HONDA	1.5	CIVIC	D15B7	91	L 4	92-95
PO7-1	HONDA	1.5	CIVIC	D15Z1	91	L 4	92-95
PO8-2	HONDA	1.6	CIVIC	D16Z6	97	L 4	92-95
PO8-3	HONDA	1.6	CIVIC	D16Z6	97	L 4	92-95
PO8-4	HONDA	1.6	CIVIC	D16Z6	97	L 4	92-95

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
POA-3	HONDA	2.2	ACCORD	F22B1	132	L 4	94-97
POA-5	HONDA	2.2	ACCORD	F22B2	132	L 4	94-97
POA-5	HONDA	2.2	ACCORD	F22B6	132	L 4	94-97
PR34	HONDA	1.6	CIVIC	B16A3	97	L 4	95-00
PR3-4	HONDA	1.6	CIVIC	B16A3	97	L 4	95-00
PR4-2	ACURA	1.8	INTEGRA	B18A1	112	L 4	90-94
PR4-4	ACURA	1.8	INTEGRA	B18A1	112	L 4	90-94
PR4-5	ACURA	1.8	INTEGRA	B18A1	112	L 4	90-94
PR4Y	ACURA	1.8	INTEGRA	B18A1	112	L 4	90-94
PR7F	ACURA	3.0	NSX	C30A1	182	V 6	91-95
PT35	HONDA	2.2	ACCORD	F22A1	132	L 4	90-91
PT3-7	HONDA	2.2	ACCORD	F22A1	132	L 4	90-91
PT3-7	HONDA	2.2	ACCORD	F22A1	132	L 4	92-93
R	FORD	3.2	TAURUS SHO	P	195	V 6	93-95
R100259	JOHN DEERE	10.2	619	D	619	L 6	68-81
R100259	JOHN DEERE	10.2	8760, 8770	D	619	L 6	
R102632D1	JOHN DEERE	7.6	6076	EARLY	466	L 6	
R102932	JOHN DEERE	7.6	6076	EARLY	466	L 6	
R1030162001	MERCEDES BENZ	2.6	190E		159	L 6	86-91
R1030162001	MERCEDES BENZ	3.0	300E		183	L 6	86-92
R1040161601	MERCEDES BENZ	2.8	C280	300E	171	L 6	93-97
R105704	JOHN DEERE	6.8	6068TF275		414	L 6	
R10616M	NAVISTAR	5.1	706	D-310	310	L 6	
R111849	JOHN DEERE	3.9	4039D	D	239	L 4	
R111950	JOHN DEERE	5.4	4030		329	L 6	
R111950	JOHN DEERE	5.4	544A	DT	329	L 6	
R111950	JOHN DEERE	5.9	2940	D	359	L 6	
R111950	JOHN DEERE	5.9	359T		359	L 6	
R111950	JOHN DEERE	6.8	414	D	414	L 6	
R111950	JOHN DEERE	6.8	544C	D	414	L 6	
R112746	JOHN DEERE	3.9	4039D	D	239	L 4	
R1160162601	MERCEDES BENZ	4.5	450SEL		276	V 8	76-80
R1160162701	MERCEDES BENZ	4.5	450SEL		276	V 8	76-80
R1160163001	MERCEDES BENZ	3.8	380SE		234	V 8	82-85
R1160163301	MERCEDES BENZ	3.8	380SE		234	V 8	82-85
R1160163401	MERCEDES BENZ	3.8	380SE		234	V 8	82-85
R1160163901	MERCEDES BENZ	3.8	380SE		234	V 8	82-85
R11601639011	MERCEDES BENZ	4.2	420SEL		256	V 8	86-93
R1160164001	MERCEDES BENZ	0.0	400 SERIES		0	V 8	
R11601640013	MERCEDES BENZ	4.2	420SEL		256	V 8	86-93
R11601640017	MERCEDES BENZ	4.2	420SEL		256	V 8	86-93
R1170164301	MERCEDES BENZ	4.5	450SEL		276	V 8	76-80
R1170164501	MERCEDES BENZ	4.5	450SEL		276	V 8	76-80
R1170164501	MERCEDES BENZ	5.6	560	M117	338	V 8	88-91
R118814	JOHN DEERE	10.2	8760, 8770	D	619	L 6	
R121402	JOHN DEERE	4.5	4045D	D	276	L 4	
R121608	JOHN DEERE	6.8	6068T	D	414	L 6	
R1252	JOHN DEERE	6.8	6068D	D	414	L 6	
R12675	JOHN DEERE	10.1	6101		619	L 6	
R129305	JOHN DEERE	2.9	3029D	D	179	L 3	
R129305	JOHN DEERE	2.9	3029T	D	179	L 3	
R129360	JOHN DEERE	7.6	6076	LATE	466	L 6	
R12V	NISSAN	3.0	300ZX	R	181	V 6	90-94
R1311	JOHN DEERE	2.5	820, 830 & 1020	D	152	L 3	
R21V	NISSAN	3.0	200SX	VG30	181	V 6	84-86
R26020	JOHN DEERE	3.7	3020		227	L 4	64-67
R26020	JOHN DEERE	4.0	3010 & 3020		241	L 4	

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
R26020	JOHN DEERE	4.4	3020	D	270	L 4	
R26020R	JOHN DEERE	3.3	3010		201	L 4	
R26020R	JOHN DEERE	3.7	3020		227	L 4	64-67
R26020R	JOHN DEERE	4.0	3010 & 3020		241	L 4	
R26030	JOHN DEERE	3.7	3020		227	L 4	64-67
R26030	JOHN DEERE	4.0	3010 & 3020		241	L 4	
R26030	JOHN DEERE	4.2	3010		254	L 4	61-63
R26030	JOHN DEERE	4.4	3020	D	270	L 4	
R26030R	JOHN DEERE	4.2	3010		254	L 4	61-63
R26030R	JOHN DEERE	4.4	3020	D	270	L 4	
R26040	JOHN DEERE	4.9	4010		302	L 6	
R26040	JOHN DEERE	6.6	4010		404	L 6	67-76
R26040R	JOHN DEERE	5.6	4020		341	L 6	
R26050	JOHN DEERE	7.6	4040 & 4240		466	L 6	
R26050	JOHN DEERE	7.6	4440, 4450, 4640	T	466	L 6	
R26050R	JOHN DEERE	6.2	4010	D	381	L 6	
R2703R	JOHN DEERE	2.5	820, 830 & 1020	D	152	L 3	
R31035	JOHN DEERE	6.8	414	D	414	L 6	
R32040	JOHN DEERE	3.7	3020		227	L 4	64-67
R32040	JOHN DEERE	4.0	3010 & 3020		241	L 4	
R32040	JOHN DEERE	4.2	3010		254	L 4	61-63
R32040	JOHN DEERE	4.4	3020	D	270	L 4	
R32040R	JOHN DEERE	3.7	3020		227	L 4	64-67
R32040R	JOHN DEERE	4.0	3010 & 3020		241	L 4	
R32040R	JOHN DEERE	4.4	3020	D	270	L 4	
R33250R	JOHN DEERE	6.6	4010		404	L 6	67-76
R34850	JOHN DEERE	7.6	4040 & 4240		466	L 6	
R34850	JOHN DEERE	7.6	4440, 4450, 4640	T	466	L 6	
R34850R	JOHN DEERE	6.6	4010		404	L 6	67-76
R34850R	JOHN DEERE	6.6	4020	T	404	L 6	
R34860	JOHN DEERE	3.7	3020		227	L 4	64-67
R34860	JOHN DEERE	4.0	3010 & 3020		241	L 4	
R34860	JOHN DEERE	4.2	3010		254	L 4	61-63
R34860	JOHN DEERE	4.4	3020	D	270	L 4	
R34860R	JOHN DEERE	3.7	3020		227	L 4	64-67
R34860R	JOHN DEERE	4.0	3010 & 3020		241	L 4	
R34860R	JOHN DEERE	4.4	3020	D	270	L 4	
R34880R	JOHN DEERE	4.4	3020	D	270	L 4	
R34980	JOHN DEERE	7.6	4040 & 4240		466	L 6	
R34980	JOHN DEERE	7.6	4440, 4450, 4640	T	466	L 6	
R34990	JOHN DEERE	4.9	4010		302	L 6	
R34990	JOHN DEERE	5.6	4020		341	L 6	
R34990	JOHN DEERE	5.9	4020		362	L 6	
R34990R	JOHN DEERE	4.9	4010		302	L 6	
R34990R	JOHN DEERE	5.6	4020		341	L 6	
R34990R	JOHN DEERE	5.6	No Model		341	L 6	
R34990R	JOHN DEERE	5.9	4020		362	L 6	
R34990R	JOHN DEERE	6.6	4010		404	L 6	67-76
R351148	JOHN DEERE	8.7	5010, 5020	D	531	L 6	
R351148	JOHN DEERE	10.2	619	D	619	L 6	68-81
R351148R	JOHN DEERE	8.7	5010, 5020	D	531	L 6	
R351148R	JOHN DEERE	8.7	6030	A	531	L 6	60-81
R35140	JOHN DEERE	8.7	5010, 5020	D	531	L 6	
R35140R	JOHN DEERE	8.7	6030	A	531	L 6	60-81
R35146	JOHN DEERE	8.7	5010, 5020	D	531	L 6	
R35146	JOHN DEERE	10.2	619	D	619	L 6	68-81
R35146R	JOHN DEERE	8.7	5010, 5020	D	531	L 6	

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
R35146R	JOHN DEERE	8.7	6030	A	531	L 6	60-81
R35148R	JOHN DEERE	8.7	6030	A	531	L 6	60-81
R35850R	JOHN DEERE	6.6	4020	T	404	L 6	
R38U	NISSAN	3.0	No Model	C	182	V 6	95-00
R40100	JOHN DEERE	8.7	5010, 5020	D	531	L 6	
R40100	JOHN DEERE	8.7	6030	A	531	L 6	60-81
R40100	JOHN DEERE	10.2	619	D	619	L 6	68-81
R40530	JOHN DEERE	3.7	3020		227	L 4	64-67
R40530	JOHN DEERE	4.0	3010 & 3020		241	L 4	
R40530R	JOHN DEERE	4.4	3020	D	270	L 4	
R40540	JOHN DEERE	3.7	3020		227	L 4	64-67
R40540	JOHN DEERE	4.0	3010 & 3020		241	L 4	
R40540	JOHN DEERE	4.2	3010		254	L 4	61-63
R40540	JOHN DEERE	4.4	3020	D	270	L 4	
R40540R	JOHN DEERE	4.4	3020	D	270	L 4	
R40740	JOHN DEERE	6.6	4010		404	L 6	67-76
R4100	JOHN DEERE	8.7	5010, 5020	D	531	L 6	
R4100	JOHN DEERE	8.7	6030	A	531	L 6	60-81
R41867	JOHN DEERE	8.7	6030	A	531	L 6	60-81
R43120	JOHN DEERE	7.6	4040 & 4240		466	L 6	
R43120	JOHN DEERE	7.6	4440, 4450, 4640	T	466	L 6	
R43120-2	JOHN DEERE	6.6	4020	T	404	L 6	
R43120-2	JOHN DEERE	6.6	4020	T	404	L 6	
R43120R	JOHN DEERE	6.6	4010		404	L 6	67-76
R43320	JOHN DEERE	6.6	4320		404	L 6	
R43920	JOHN DEERE	6.6	4010		404	L 6	67-76
R43920	JOHN DEERE	7.6	4040 & 4240		466	L 6	
R43920	JOHN DEERE	7.6	4440, 4450, 4640	T	466	L 6	
R45060	JOHN DEERE	6.6	4010		404	L 6	67-76
R45160	JOHN DEERE	4.0	3010 & 3020		241	L 4	
R45170	JOHN DEERE	3.7	3020		227	L 4	64-67
R45170	JOHN DEERE	4.0	3010 & 3020		241	L 4	
R45170	JOHN DEERE	4.2	3010		254	L 4	61-63
R45170	JOHN DEERE	4.4	3020	D	270	L 4	
R45180R	JOHN DEERE	5.6	4020		341	L 6	
R45180R	JOHN DEERE	5.6	No Model		341	L 6	
R45180R	JOHN DEERE	5.9	4020		362	L 6	
R45190	JOHN DEERE	3.3	3010		201	L 4	
R45190	JOHN DEERE	3.7	3020		227	L 4	64-67
R45190	JOHN DEERE	6.2	4010	D	381	L 6	
R45190	JOHN DEERE	6.6	4010		404	L 6	67-76
R45660	JOHN DEERE	3.3	2020 & 2510	D	202	L 4	
R46080	JOHN DEERE	7.6	4040 & 4240		466	L 6	
R46080	JOHN DEERE	7.6	4440, 4450, 4640	T	466	L 6	
R46080R	JOHN DEERE	5.6	4020		341	L 6	
R46080R	JOHN DEERE	5.6	No Model		341	L 6	
R46090	JOHN DEERE	6.6	4010		404	L 6	67-76
R46090	JOHN DEERE	7.6	4040 & 4240		466	L 6	
R46090	JOHN DEERE	7.6	4440, 4450, 4640	T	466	L 6	
R46090R	JOHN DEERE	5.6	4020		341	L 6	
R46090R	JOHN DEERE	5.9	4020		362	L 6	
R47320	JOHN DEERE	6.6	4010		404	L 6	67-76
R48270	JOHN DEERE	8.7	5010, 5020	D	531	L 6	
R48270	JOHN DEERE	8.7	6030	A	531	L 6	60-81
R48270	JOHN DEERE	10.2	619	D	619	L 6	68-81
R48270	JOHN DEERE	10.2	8760, 8770	D	619	L 6	
R4870	JOHN DEERE	7.6	4440, 4450, 4640	T	466	L 6	

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
R4870	JOHN DEERE	7.6	4650, 4850, 8440	A	466	L 6	
R49R	JOHN DEERE	0.4	R SERIES		25	L2	49-54
R49R	JOHN DEERE	6.8	R SERIES		416	L 2	49-54
R50044	JOHN DEERE	7.6	4040 & 4240		466	L 6	
R50044	JOHN DEERE	7.6	4440, 4450, 4640	T	466	L 6	
R50360	JOHN DEERE	6.6	4020	T	404	L 6	
R50360	JOHN DEERE	6.6	4020	T	404	L 6	
R50360	JOHN DEERE	7.6	4040 & 4240		466	L 6	
R50360	JOHN DEERE	7.6	4440, 4450, 4640	T	466	L 6	
R52	NISSAN	3.0	200SX	VG30	181	V 6	84-86
R52	NISSAN	3.0	MAXIMA	VG30	181	V 6	84-87
R52220R	JOHN DEERE	8.7	6030	A	531	L 6	60-81
R53200R	JOHN DEERE	6.6	4010		404	L 6	67-76
R53220	JOHN DEERE	5.4	4030		329	L 6	
R53220	JOHN DEERE	5.4	544A	DT	329	L 6	
R53220	JOHN DEERE	5.9	2940	D	359	L 6	
R53220	JOHN DEERE	5.9	359T		359	L 6	
R53220	JOHN DEERE	6.8	414	D	414	L 6	
R53220	JOHN DEERE	6.8	544C	D	414	L 6	
R53220R	JOHN DEERE	5.4	4030		329	L 6	
R54560	JOHN DEERE	2.7	360 DOZER	D	164	L 3	
R54560	JOHN DEERE	3.0	2020		180	L 4	
R54560	JOHN DEERE	3.1	186	G	186	L 4	
R54560	JOHN DEERE	3.3	2020 & 2510	D	202	L 4	
R54560	JOHN DEERE	3.6	2020	T	219	L 4	
R54560	JOHN DEERE	3.6	2030	G	219	L 4	
R54560	JOHN DEERE	3.6	454	D	219	L 4	
R54560	JOHN DEERE	3.9	239T		239	L 4	
R54560	JOHN DEERE	3.9	2750		239	L 4	
R54560	JOHN DEERE	4.5	2155	D	276	L 4	
R54560	JOHN DEERE	4.5	2630	D	276	L 4	
R54580	JOHN DEERE	3.9	239T		239	L 4	
R54580	JOHN DEERE	3.9	2750		239	L 4	
R54619	JOHN DEERE	6.8	414	D	414	L 6	
R54619	JOHN DEERE	6.8	544C	D	414	L 6	
R550	JOHN DEERE	3.6	2020	T	219	L 4	
R550	JOHN DEERE	3.6	2030	G	219	L 4	
R550	JOHN DEERE	3.6	454	D	219	L 4	
R55850	JOHN DEERE	2.7	360 DOZER	D	164	L 3	
R55850	JOHN DEERE	3.3	2020 & 2510	D	202	L 4	
R55850	JOHN DEERE	3.6	2020	T	219	L 4	
R55850	JOHN DEERE	3.6	454	D	219	L 4	
R5595	JOHN DEERE	6.8	414	D	414	L 6	
R5595	JOHN DEERE	6.8	544C	D	414	L 6	
R55950	JOHN DEERE	5.0	JD550	D	303	L 6	
R55950	JOHN DEERE	5.4	4030		329	L 6	
R55950	JOHN DEERE	5.4	544A	DT	329	L 6	
R55950	JOHN DEERE	5.9	2940	D	359	L 6	
R55950	JOHN DEERE	5.9	359T		359	L 6	
R55950	JOHN DEERE	6.8	414	D	414	L 6	
R55950	JOHN DEERE	6.8	544C	D	414	L 6	
R55950R	JOHN DEERE	5.4	4030		329	L 6	
R55950R	JOHN DEERE	5.9	2940	D	359	L 6	
R55950R	JOHN DEERE	5.9	359T		359	L 6	
R56780	JOHN DEERE	4.5	2155	D	276	L 4	
R56780	JOHN DEERE	4.5	2630	D	276	L 4	
R56790	JOHN DEERE	3.0	2020		180	L 4	

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
R56790	JOHN DEERE	3.3	2020 & 2510	D	202	L 4	
R56790	JOHN DEERE	3.6	2030	G	219	L 4	
R56790	JOHN DEERE	3.6	454	D	219	L 4	
R56790	JOHN DEERE	3.9	2750		239	L 4	
R56790	JOHN DEERE	4.5	2155	D	276	L 4	
R56790	JOHN DEERE	4.5	2630	D	276	L 4	
R57078	JOHN DEERE	2.7	360 DOZER	D	164	L 3	
R57078	JOHN DEERE	3.0	2020		180	L 4	
R57078	JOHN DEERE	3.3	2020 & 2510	D	202	L 4	
R57078	JOHN DEERE	3.6	2020	T	219	L 4	
R57078	JOHN DEERE	3.6	2030	G	219	L 4	
R57078	JOHN DEERE	3.6	454	D	219	L 4	
R57078	JOHN DEERE	3.9	239T		239	L 4	
R57078	JOHN DEERE	3.9	2750		239	L 4	
R57078	JOHN DEERE	4.5	2155	D	276	L 4	
R57078	JOHN DEERE	4.5	2630	D	276	L 4	
R57425	JOHN DEERE	10.2	619	D	619	L 6	68-81
R57425	JOHN DEERE	10.2	8760, 8770	D	619	L 6	
R57425R	JOHN DEERE	10.2	619	D	619	L 6	68-81
R58024	JOHN DEERE	15.7	8850, 8955	D	955	V 8	75-85
R58044	JOHN DEERE	6.6	4010		404	L 6	67-76
R58044	JOHN DEERE	7.6	4040 & 4240		466	L 6	
R58044	JOHN DEERE	7.6	4440, 4450, 4640	T	466	L 6	
R58673	JOHN DEERE	6.6	4010		404	L 6	67-76
R58685	JOHN DEERE	2.5	820, 830 & 1020	D	152	L 3	
R58685	JOHN DEERE	2.7	360 DOZER	D	164	L 3	
R58685	JOHN DEERE	2.9	179T	D	179	L 3	
R58686	JOHN DEERE	2.5	820, 830 & 1020	D	152	L 3	
R58686	JOHN DEERE	2.7	360 DOZER	D	164	L 3	
R58686	JOHN DEERE	2.9	179T	D	179	L 3	
R58790	JOHN DEERE	3.9	239T		239	L 4	
R58790	JOHN DEERE	3.9	2750		239	L 4	
R5885	JOHN DEERE	2.5	820, 830 & 1020	D	152	L 3	
R5886	JOHN DEERE	2.5	820, 830 & 1020	D	152	L 3	
R58895R	JOHN DEERE	10.2	619	D	619	L 6	68-81
R59220	JOHN DEERE	5.4	4030		329	L 6	
R59220	JOHN DEERE	5.4	544A	DT	329	L 6	
R59220	JOHN DEERE	5.9	2940	D	359	L 6	
R59220	JOHN DEERE	5.9	359T		359	L 6	
R59220	JOHN DEERE	6.8	414	D	414	L 6	
R59220	JOHN DEERE	6.8	544C	D	414	L 6	
R59849	JOHN DEERE	6.6	4010		404	L 6	67-76
R59849	JOHN DEERE	7.6	4040 & 4240		466	L 6	
R59849	JOHN DEERE	7.6	4440, 4450, 4640	T	466	L 6	
R59876	JOHN DEERE	6.6	4010		404	L 6	67-76
R59876	JOHN DEERE	6.6	4020	T	404	L 6	
R59876	JOHN DEERE	6.6	4020	T	404	L 6	
R59876	JOHN DEERE	7.6	4040 & 4240		466	L 6	
R59876	JOHN DEERE	7.6	4440, 4450, 4640	T	466	L 6	
R59876-8	JOHN DEERE	6.6	4010		404	L 6	67-76
R6020160301	MERCEDES BENZ	2.5	190D	D	152	L 5	87-88
R6030161401	MERCEDES BENZ	3.5	No Model		211	L 6	87-93
R6030161403	MERCEDES BENZ	3.5	No Model		211	L 6	87-93
R6030161701	MERCEDES BENZ	3.5	No Model		211	L 6	87-93
R6030161801	MERCEDES BENZ	3.5	No Model		211	L 6	87-93
R61035	JOHN DEERE	5.4	4030		329	L 6	
R61035	JOHN DEERE	5.4	544A	DT	329	L 6	

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
R61035	JOHN DEERE	5.9	2940	D	359	L 6	
R61035	JOHN DEERE	5.9	359T		359	L 6	
R61035	JOHN DEERE	6.8	414	D	414	L 6	
R61035	JOHN DEERE	6.8	544C	D	414	L 6	
R61521	JOHN DEERE	6.6	4010		404	L 6	67-76
R61521	JOHN DEERE	7.6	4040 & 4240		466	L 6	
R61521	JOHN DEERE	7.6	4440, 4450, 4640	T	466	L 6	
R61521	JOHN DEERE	7.6	4650, 4850, 8440	A	466	L 6	
R61521	JOHN DEERE	7.6	6076	LATE	466	L 6	
R61521R	JOHN DEERE	6.6	4020	T	404	L 6	
R61521R	JOHN DEERE	7.6	4040 & 4240		466	L 6	
R61521R	JOHN DEERE	7.6	4440, 4450, 4640	T	466	L 6	
R61521R	JOHN DEERE	7.6	4650, 4850, 8440	A	466	L 6	
R61521R	JOHN DEERE	7.6	6076	LATE	466	L 6	
R616912	MERCEDES BENZ	2.4	240D	D	147	L 4	73-79
R616912	MERCEDES BENZ	2.4	240D	OM616	146	L 4	83-84
R62153	JOHN DEERE	5.4	4030		329	L 6	
R62153	JOHN DEERE	5.4	544A	DT	329	L 6	
R62153	JOHN DEERE	5.9	2940	D	359	L 6	
R62153	JOHN DEERE	5.9	359T		359	L 6	
R62153	JOHN DEERE	6.8	414	D	414	L 6	
R62153	JOHN DEERE	6.8	544C	D	414	L 6	
R64730	JOHN DEERE	6.6	4010		404	L 6	67-76
R64730	JOHN DEERE	7.6	4040 & 4240		466	L 6	
R64730	JOHN DEERE	7.6	4440, 4450, 4640	T	466	L 6	
R66790	JOHN DEERE	3.9	239T		239	L 4	
R66790	JOHN DEERE	3.9	2750		239	L 4	
R67906	JOHN DEERE	6.6	4010		404	L 6	67-76
R68696	JOHN DEERE	6.6	4020	T	404	L 6	
R74124	JOHN DEERE	7.6	4440, 4450, 4640	T	466	L 6	
R74124	JOHN DEERE	7.6	4650, 4850, 8440	A	466	L 6	
R74124	JOHN DEERE	8.7	5010, 5020	D	531	L 6	
R74124	JOHN DEERE	10.2	619	D	619	L 6	68-81
R74124R	JOHN DEERE	10.2	619	D	619	L 6	68-81
R75641	JOHN DEERE	6.6	4010		404	L 6	67-76
R75641	JOHN DEERE	7.6	4040 & 4240		466	L 6	
R75641	JOHN DEERE	7.6	4440, 4450, 4640	T	466	L 6	
R75641	JOHN DEERE	7.6	4650, 4850, 8440	A	466	L 6	
R75641	JOHN DEERE	7.6	6076	LATE	466	L 6	
R76315	JOHN DEERE	6.6	4010		404	L 6	67-76
R76318	JOHN DEERE	7.6	4040 & 4240		466	L 6	
R76318	JOHN DEERE	7.6	4440, 4450, 4640	T	466	L 6	
R76384	JOHN DEERE	6.6	4010		404	L 6	67-76
R76384	JOHN DEERE	7.6	4040 & 4240		466	L 6	
R76384	JOHN DEERE	7.6	4440, 4450, 4640	T	466	L 6	
R76384	JOHN DEERE	7.6	4650, 4850, 8440	A	466	L 6	
R78284	JOHN DEERE	7.6	6076	LATE	466	L 6	
R78510	JOHN DEERE	5.4	4030		329	L 6	
R8040	JOHN DEERE	7.6	4040 & 4240		466	L 6	
R8040	JOHN DEERE	7.6	4440, 4450, 4640	T	466	L 6	
R81067	JOHN DEERE	5.9	2940	D	359	L 6	
R811035	JOHN DEERE	6.8	544C	D	414	L 6	
R81234	JOHN DEERE	10.2	619	D	619	L 6	68-81
R81521	JOHN DEERE	7.6	6466		466	L 6	
R82143	JOHN DEERE	5.4	4030		329	L 6	
R82143	JOHN DEERE	5.4	544A	DT	329	L 6	
R82143	JOHN DEERE	5.9	2940	D	359	L 6	

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
R82143	JOHN DEERE	5.9	359T		359	L 6	
R82143	JOHN DEERE	6.8	414	D	414	L 6	
R82143	JOHN DEERE	6.8	544C	D	414	L 6	
R85	NISSAN	3.0	MAXIMA	VG30E	181	V 6	87-97
R85685	JOHN DEERE	6.8	6068TF275		414	L 6	
R85E	NISSAN	3.0	MAXIMA	VG30E	181	V 6	87-97
R-85-E	FORD	3.0	VILLAGER	W	181	V 6	93-99
R86427	JOHN DEERE	6.6	4020	T	404	L 6	
R86427	JOHN DEERE	7.6	4040 & 4240		466	L 6	
R86427	JOHN DEERE	7.6	4440, 4450, 4640	T	466	L 6	
R86427	JOHN DEERE	7.6	4650, 4850, 8440	A	466	L 6	
R86427	JOHN DEERE	7.6	6076	EARLY	466	L 6	
R86696	JOHN DEERE	6.6	4010		404	L 6	67-76
R86696	JOHN DEERE	7.6	4040 & 4240		466	L 6	
R86696	JOHN DEERE	7.6	4440, 4450, 4640	T	466	L 6	
R86699	JOHN DEERE	6.6	4010		404	L 6	67-76
R86699	JOHN DEERE	7.6	4040 & 4240		466	L 6	
R86699	JOHN DEERE	7.6	4440, 4450, 4640	T	466	L 6	
R86700	JOHN DEERE	6.6	4020	T	404	L 6	
R86701	JOHN DEERE	7.6	6466		466	L 6	
R86702	JOHN DEERE	8.7	5010, 5020	D	531	L 6	
R86702	JOHN DEERE	8.7	6030	A	531	L 6	60-81
R86702	JOHN DEERE	10.2	619	D	619	L 6	68-81
R86703	JOHN DEERE	8.7	5010, 5020	D	531	L 6	
R86703	JOHN DEERE	10.2	619	D	619	L 6	68-81
R86706	JOHN DEERE	8.7	5010, 5020	D	531	L 6	
R86706	JOHN DEERE	10.2	619	D	619	L 6	68-81
R86896	JOHN DEERE	7.6	4650, 4850, 8440	A	466	L 6	
R88427	JOHN DEERE	7.6	4207, 6404, 6466		466	L 6	
R88427	JOHN DEERE	7.6	6076	LATE	466	L 6	
R88427	JOHN DEERE	7.6	6466		466	L 6	
R88427	JOHN DEERE	7.6	6466T		466	L 6	
R88703	JOHN DEERE	10.2	8760, 8770	D	619	L 6	
R90090338	GM	1.8	No Model	J	112	L 4	84-87
R90090338	GM	1.8	No Model	O	112	L 4	82-87
R90090536	GM	1.8	No Model	J	112	L 4	84-87
R90090536	GM	1.8	No Model	O	112	L 4	82-87
R90209896	GM	2.0	SUNBIRD	H	122	L 4	90-95
R90400095	GM	2.0	SUNBIRD	H	122	L 4	90-95
R90400099	GM	2.0	SUNBIRD	H	122	L 4	90-95
R90736	JOHN DEERE	2.9	179T	D	179	L 3	
R97628	JOHN DEERE	3.9	4039D	D	239	L 4	
R97629	JOHN DEERE	6.8	6068T	D	414	L 6	
R97829	JOHN DEERE	6.8	6068T	D	414	L 6	
RC7	HONDA	1.8	ACCORD	A18A1	110	L 4	87
RF1L2E6090D22D	FORD	4.6	No Model	6	281	V 8	96-01
RF-23	GM	1.6	STORM	6	97	L 4	90-96
RF66	FORD	2.0	ESCORT	H	122	L 4	84-87
RF948M6090R72	FORD	2.0	CONTOUR	Z	122	L 4	96-00
RF948M-6090R72	FORD	2.0	CONTOUR	3	122	L 4	95-05
RF94AM-6090R7	FORD	2.0	CONTOUR	3	122	L 4	95-05
RF94AM6090R72	FORD	2.0	CONTOUR	3	122	L 4	95-05
RF94AM6090R72	FORD	2.0	CONTOUR	Z	122	L 4	96-00
RF958M6090CA	FORD	2.0	CONTOUR	3	122	L 4	95-05
RF958M6090CA	FORD	2.0	CONTOUR	Z	122	L 4	96-00
RF958M-6090CA	FORD	2.0	CONTOUR	3	122	L 4	95-05
RF958M6090R72	FORD	2.0	CONTOUR	3	122	L 4	95-05

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
RF958M6090R72	FORD	2.0	CONTOUR	Z	122	L 4	96-00
RF978M6090R74	FORD	2.0	CONTOUR	3	122	L 4	95-05
RF978M6090R75	FORD	2.0	CONTOUR	3	122	L 4	95-05
RF984M-6090R7	FORD	2.0	CONTOUR	3	122	L 4	95-05
RF984M6090R72	FORD	2.0	CONTOUR	3	122	L 4	95-05
RF984M6090R72	FORD	2.0	CONTOUR	Z	122	L 4	96-00
RFE3SE-A7C	FORD	3.8	No Model	3	232	V 6	82-87
RFF0EE-B7A	FORD	1.9	ESCORT	2	116	L 4	87-96
RFF153-A7A	FORD	3.8	No Model	4	232	V 6	88-95
RFF1AE6090CH24	FORD	4.6	No Model	W, X	281	V 8	91-05
RFF1AE6090H3	FORD	4.6	No Model	W, X	281	V 8	91-05
RFF1AE6090HC	FORD	4.6	No Model	W, X	281	V 8	91-05
RFF2AE6090HC	FORD	4.6	No Model	W, X	281	V 8	91-05
RFF3SE	FORD	3.8	No Model	R	232	V 6	89-95
RFF65E6090B	FORD	4.2	F150	2	256	V 6	97-04
RFF65E-D20A	FORD	4.6	No Model	6	281	V 8	96-01
RFF7DE6C064-AC	FORD	3.0	TAURUS	S	182	V 6	96-04
RFF7DE6C064-AC	MAZDA	3.0	TRIBUTE	1	182	V 6	-03
RFXF7E6090AE	FORD	2.0	CONTOUR	3	122	L 4	95-05
RFXL3E C20D	FORD	4.6	No Model	6	281	V 8	96-01
RFYF2E-A20A	FORD	3.9	FREESTAR	6	238	V 6	04-05
RF-YF2E-A20A	FORD	3.8	WINDSTAR	4	232	V 6	96-04
RFYL7E6C064AC	FORD	5.4	NAVIGATOR	R	330	V 8	01-03
RFYS4E6090EA	FORD	2.0	CONTOUR	3	122	L 4	95-05
RFYS4E6090EA	FORD	2.0	ESCORT	P	122	L 4	97-03
ROWO	NISSAN	3.3	PATHFINDER	T	201	V 6	96-04
R-V52	NISSAN	3.0	200SX	VG30	181	V 6	84-86
R-V52	NISSAN	3.0	MAXIMA	VG30	181	V 6	84-87
R-V52	NISSAN	3.0	MAXIMA	VG30	181	V 6	87-95
R-V52	NISSAN	3.0	MAXIMA	VG30E	181	V 6	87-97
RV-52	NISSAN	3.0	MAXIMA	VG30	181	V 6	87-95
S1	SUZUKI	1.3	SWIFT	3	79	L 4	89-91
S11	GM	1.6	PRIZM	6	97	L 4	89-94
S11	GM	1.8	PRIZM	LV6	108	L 4	93-94
S11	TOYOTA	1.6	MR2	4A-GE	97	L 4	88-89
S11	TOYOTA	1.6	MR2	4AGEL	97	L 4	85-89
S12	GM	1.6	STORM	5	97	L 4	90-91
S14	GM	1.0	FIREFLY	6	61	L 3	89-00
S16	GM	1.0	FIREFLY	6	61	L 3	89-00
S2	GM	1.0	FIREFLY	6	61	L 3	89-00
S2	GM	1.3	METRO	2	79	L 4	98-00
S2	GM	1.3	TRACKER	9	79	L 4	92-94
S2	SUZUKI	1.3	SAMURAI	3	79	L 4	85-95
S-21	FORD	2.2	No Model	P	134	L 4	83-84
S-21	MAZDA	2.2	No Model	S-2	135	L 4	82-84
S28200	GM	1.0	SPRINT	5	61	L 3	86-88
S28200	GM	1.0	SPRINT	M	61	L 3	85
S3	SUZUKI	1.3	SAMURAI	3	79	L 4	85-95
S3	SUZUKI	1.3	SIDEKICK	3	79	L 4	92-94
S3	SUZUKI	1.3	SWIFT	3	79	L 4	89-91
S3	SUZUKI	1.8	SIDEKICK	2	110	L 4	96-02
S-3	GM	1.6	TRACKER	U	97	L 4	89-96
S33	GM	1.6	PRIZM	6	97	L 4	89-94
S4	GM	1.0	FIREFLY	6	61	L 3	89-00
S4	GM	1.0	SPRINT	5	61	L 3	86-88
S4	GM	1.3	METRO	2	79	L 4	98-00
S-4	GM	1.0	FIREFLY	6	61	L 3	89-00

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
S-4	GM	1.3	METRO	2	79	L 4	98-00
S46	GM	1.6	PRIZM	6	97	L 4	89-94
S5	SUZUKI	1.3	SAMURAI	3	79	L 4	85-95
S-5	GM	1.3	METRO	2	79	L 4	98-00
S53	TOYOTA	1.8	COROLLA	7AFE	109	L 4	93-97
S54	TOYOTA	1.6	CELICA	4A-FE	97	L 4	88-96
S54	TOYOTA	1.6	CELICA	A	97	L 4	93-98
S55	TOYOTA	1.6	CELICA	4A-FE	97	L 4	88-96
S55	TOYOTA	1.6	COROLLA	4AGEC	97	L 4	85-87
S59	GM	1.6	PRIZM	6	97	L 4	89-94
S6	GM	1.0	FIREFLY	6	61	L 3	89-00
S6	GM	1.0	SPRINT	5	61	L 3	86-88
S6	GM	1.3	METRO	2	79	L 4	98-00
S-6	GM	1.0	FIREFLY	6	61	L 3	89-00
S-6	GM	1.3	METRO	2	79	L 4	98-00
S61	TOYOTA	1.8	COROLLA	7AFE	109	L 4	93-97
S62	TOYOTA	1.6	CELICA	A	97	L 4	93-98
S65	TOYOTA	1.8	COROLLA	7AFE	109	L 4	93-97
S7	GM	1.0	FIREFLY	6	61	L 3	89-00
S7	GM	1.3	METRO	2	79	L 4	98-00
S-7	SUZUKI	1.3	SAMURAI	3	79	L 4	85-95
S8	GM	1.0	FIREFLY	6	61	L 3	89-00
S8	GM	1.3	METRO	2	79	L 4	98-00
S8	KIA	2.0	SPORTAGE	1	122	L 4	95-97
S-8	GM	1.0	FIREFLY	6	61	L 3	89-00
S-8	GM	1.3	METRO	2	79	L 4	98-00
S9VM+CV	MASERATI	2.5	No Model		122	L 4	80-88
SE3902524	CASE	3.9	850	B	239	L 4	85-93
SE3902524	CUMMINS	3.9	B SERIES	B	239	L 4	83-98
SK-31635	FORD	7.0	No Model	N	429	V 8	68-73
SK-35369	FORD	7.0	No Model	N	429	V 8	68-73
SU	TOYOTA	2.0	CAMRY	2SELC	122	L 4	83-86
T11846T	JOHN DEERE	1.9	1010 SERIES	G	115	L 4	58-63
T11846T	JOHN DEERE	2.4	2010 & HA SERIES	G	145	L 4	58-63
T12930T	JOHN DEERE	2.4	1010 & 2010 TRACTOR	D	145	L 4	
T12930T	JOHN DEERE	2.7	2010 TRACTOR	D	165	L 4	
T15	FORD	1.6	PINTO,FESTIVA		98	L 4	76-80
T15959	JOHN DEERE	2.4	1010 & 2010 TRACTOR	D	145	L 4	
T15959	JOHN DEERE	2.7	2010 TRACTOR	D	165	L 4	
T16133T	JOHN DEERE	3.5	65 & 95		217	L 6	58-63
T16133T	JOHN DEERE	3.6	217		217	L 6	58-63
T16133T	JOHN DEERE	3.6	217	D	217	L 6	58-63
T17264	JOHN DEERE	3.5	65 & 95		217	L 6	58-63
T17264	JOHN DEERE	3.6	217		217	L 6	58-63
T17264	JOHN DEERE	3.6	217	D	217	L 6	58-63
T17514	JOHN DEERE	2.4	1010 & 2010 TRACTOR	D	145	L 4	
T17514	JOHN DEERE	2.7	2010 TRACTOR	D	165	L 4	
T17514T	JOHN DEERE	2.7	2010 TRACTOR	D	165	L 4	
T19973T	JOHN DEERE	3.3	2020 & 2510	D	202	L 4	
T19973T	JOHN DEERE	3.6	2030	G	219	L 4	
T19973T	JOHN DEERE	3.6	454	D	219	L 4	
T19974T	JOHN DEERE	2.2	1020 TRACTOR	G	135	L 3	
T19974T	JOHN DEERE	2.7	1520 TRACTOR	G	164	L 3	
T20417	JOHN DEERE	7.6	4040 & 4240		466	L 6	
T20417	JOHN DEERE	7.6	4440, 4450, 4640	T	466	L 6	
T20471	JOHN DEERE	3.5	65 & 95		217	L 6	58-63
T20471	JOHN DEERE	3.6	217		217	L 6	58-63

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
T20471	JOHN DEERE	3.6	217	D	217	L 6	58-63
T20471T	JOHN DEERE	3.5	65 & 95		217	L 6	58-63
T20471T	JOHN DEERE	3.6	217		217	L 6	58-63
T20471T	JOHN DEERE	3.6	217	D	217	L 6	58-63
T20473	JOHN DEERE	3.5	65 & 95		217	L 6	58-63
T20473	JOHN DEERE	3.6	217		217	L 6	58-63
T20473	JOHN DEERE	3.6	217	D	217	L 6	58-63
T20473T	JOHN DEERE	5.4	4030		329	L 6	
T20473T	JOHN DEERE	5.4	544A	DT	329	L 6	
T20473T	JOHN DEERE	5.9	2940	D	359	L 6	
T20473T	JOHN DEERE	5.9	359T		359	L 6	
T20473T	JOHN DEERE	6.8	414	D	414	L 6	
T20473T	JOHN DEERE	6.8	544C	D	414	L 6	
T204791	JOHN DEERE	5.0	JD550	D	303	L 6	
T2120	JOHN DEERE	3.0	2020		180	L 4	
T2120	JOHN DEERE	3.3	2020 & 2510	D	202	L 4	
T2120	JOHN DEERE	3.6	454	D	219	L 4	
T2120	JOHN DEERE	3.9	2750		239	L 4	
T2120	JOHN DEERE	4.5	2155	D	276	L 4	
T23516T	JOHN DEERE	2.7	360 DOZER	D	164	L 3	
T247	JOHN DEERE	3.3	2020 & 2510	D	202	L 4	
T24755	JOHN DEERE	2.2	1020 TRACTOR	G	135	L 3	
T24755	JOHN DEERE	2.5	820, 830 & 1020	D	152	L 3	
T24755	JOHN DEERE	2.7	360 DOZER	D	164	L 3	
T24755	JOHN DEERE	2.9	179T	D	179	L 3	
T24755T	JOHN DEERE	2.5	820, 830 & 1020	D	152	L 3	
T24755T	JOHN DEERE	2.7	360 DOZER	D	164	L 3	
T24756	JOHN DEERE	3.0	2020		180	L 4	
T24756	JOHN DEERE	3.3	2020 & 2510	D	202	L 4	
T24756	JOHN DEERE	3.6	454	D	219	L 4	
T24756	JOHN DEERE	3.9	2750		239	L 4	
T24756	JOHN DEERE	4.5	2155	D	276	L 4	
T24756T	JOHN DEERE	2.7	360 DOZER	D	164	L 3	
T24756T	JOHN DEERE	3.3	2020 & 2510	D	202	L 4	
T2649	JOHN DEERE	2.7	360 DOZER	D	164	L 3	
T2912	JOHN DEERE	2.5	820, 830 & 1020	D	152	L 3	
T2912	JOHN DEERE	2.7	360 DOZER	D	164	L 3	
T2912	JOHN DEERE	2.9	179T	D	179	L 3	
T3A	CHRYSLER	3.0	No Model	3	181	V 6	87-95
T3A	CHRYSLER	3.0	No Model	3	181	V 6	96-99
T3D	CHRYSLER	3.0	No Model	3	181	V 6	87-95
T3D	CHRYSLER	3.0	No Model	3	181	V 6	96-99
T3F	CHRYSLER	3.0	No Model	3	181	V 6	87-95
T3F	CHRYSLER	3.0	No Model	3	181	V 6	96-99
T3L	CHRYSLER	3.0	No Model	3	181	V 6	87-95
T3L	CHRYSLER	3.0	No Model	3	181	V 6	96-99
T81846T	JOHN DEERE	1.9	1010 SERIES	G	115	L 4	58-63
T81846T	JOHN DEERE	2.4	2010 & HA SERIES	G	145	L 4	58-63
TD42	NISSAN	4.2	TD42T		254	L 6	90-99
TM27A-609	CONTINENTAL	2.7	TM27	TM	164	L 4	
TM27A-801WF	CONTINENTAL	2.7	TM27	TM	164	L 4	
TMD20A-600	CONTINENTAL	2.0	TM20	TM	122	L 3	
TMD20A800	CONTINENTAL	1.3	TM	TM	79	L 2	
TMD27A-801-U	CONTINENTAL	2.0	TMD20	TMD	122	L 3	
TMD27A-801-U	CONTINENTAL	2.7	TMD27	TMD	164	L 4	
TR3-2	ACURA	1.7	INTEGRA	B17A1	104	L 4	92-93
U67	NISSAN	2.0	510	L20B	119	L 4	74-79

Cylinder Head Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
UA	MAZDA	1.5	No Model	UA	90	L 4	70-79
UB3326384	HERCULES	5.6	G3400		339	L 6	
UE37352	ROLLS ROYCE	0.0	No Model		0	V 8	70-72
UE9626	ROLLS ROYCE	0.0	No Model		0	V 8	70-72
V1VE-A	FORD	7.0	No Model	N	429	V 8	68-73
V3339	TRIUMPH	2.0	No Model	CL	122	L 4	75-81
V3339	TRIUMPH	2.0	No Model	CV	122	L 4	75-81
V3441	TRIUMPH	2.0	No Model	CL	122	L 4	75-81
VA	MAZDA	2.0	No Model	VA	121	L 4	71-79
VA33	MAZDA	2.0	No Model	VA	121	L 4	71-79
VG30	NISSAN	3.0	200SX	VG30	181	V 6	84-86
VG30	NISSAN	3.0	300ZX	VG30	181	V 6	90-96
VG30	NISSAN	3.0	MAXIMA	VG30	181	V 6	84-87
VG30	NISSAN	3.0	MAXIMA	VG30	181	V 6	87-95
VG30	NISSAN	3.0	MAXIMA	VG30E	181	V 6	87-97
VG30	NISSAN	3.0	No Model	C	181	V 6	90-96
VT148	CASE	2.0	VA & VAE		124	L 4	
W57	NISSAN	2.0	510	L20B	119	L 4	74-79
W57	NISSAN	2.0	No Model	L20B	119	L 4	80-80
W-58	NISSAN	2.0	No Model	L20B	119	L 4	80-80
XA154	MAZDA	2.5	154	D	154	L 4	
XA154	PERKINS	2.5	154	D	154	L 4	
XLIEAE	FORD	5.4	NAVIGATOR	A	330	V 8	99-01
XLIE-AE	FORD	5.4	NAVIGATOR	A	330	V 8	99-01
XN1T	CATERPILLAR	2.0	VC60		120	L 4	
XN6	PEUGEOT	2.0	No Model	XN6	120	L 4	80-87
Y112A00356	CONTINENTAL	1.8	112	Y	112	L 4	
Y400A00615	CONTINENTAL	1.8	112	Y	112	L 4	
YCZE-6090-A20A	FORD	6.8	No Model	S	413	V 10	97-05
YF2E-6090-A20A	FORD	3.9	FREESTAR	6	238	V 6	04-05
YG021	FORD	3.0	TAURUS SHO	Y	182	V 6	89-95
YG029	FORD	3.0	TAURUS SHO	Y	182	V 6	89-95
YS4F6090-CC	FORD	2.0	ESCORT	P	122	L 4	97-03
Z120A601	CONTINENTAL	2.0	Z120		120	L 4	
Z-134A-601	CONTINENTAL	2.2	Z134		134	L 4	
Z-134A-601	MASSEY FERGUSON	2.2	TO35		134	L 4	
Z501	MAZDA	1.5	PROTÉGÉ	Z5	91	L 4	95-98
Z501-12-1	MAZDA	1.5	PROTÉGÉ	Z5	91	L 4	95-98
ZL101	MAZDA	1.6	PROTÉGÉ	ZM	98	L 4	98-02

Cylinder Block Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
083	KUBOTA	1.5	L285, L345		91	L 4	
092	CHRYSLER	1.8	COLT	C	110	L 4	93-94
09PH	KUBOTA	1.9	CT4-114		114	L 4	
09PH	KUBOTA	1.9	V1902-B		114	L 4	
0S3103021	VOLKSWAGEN	1.6	GOLF	ME	97	L 4	86-92
0S3103021	VOLKSWAGEN	1.6	No Model	CR	97	L 4	81-84
0S3103021	VOLKSWAGEN	1.6	No Model	CS	97	L 4	82-84
0S3103021	VOLKSWAGEN	1.6	No Model	CY	97	L 4	82-84
0S3103021	VOLKSWAGEN	1.6	No Model	JD	97	L 4	85-85
0S3103021	VOLKSWAGEN	1.6	No Model	JK	97	L 4	83-84
0S3103021	VOLKSWAGEN	1.6	No Model	JR	97	L 4	85-85
0S3103021	VOLKSWAGEN	1.6	No Model	MD	97	L 4	85-85
0S3103021	VOLKSWAGEN	1.6	No Model	ME	97	L 4	85-85
0S3103021	VOLKSWAGEN	1.6	No Model	MF	97	L 4	85-85
0S3103021	VOLKSWAGEN	1.6	No Model	MF	97	L 4	86-92
10000708	GM	4.9	No Model	P	301	V 8	77-81
10000708	GM	4.9	No Model	T	301	V 8	77-81
10000708	GM	4.9	No Model	W	301	V 8	79-81
10000708	GM	4.9	No Model	Y	301	V 8	77-79
1000214	VOLVO	2.0	No Model	B20F	121	L 4	74-75
100041725	GM	2.5	No Model	U	151	L 4	89-91
10009073	GM	4.3	No Model	S	265	V 8	80-81
10009192	GM	4.9	No Model	P	301	V 8	77-81
10009192	GM	4.9	No Model	T	301	V 8	77-81
10009192	GM	4.9	No Model	W	301	V 8	79-81
10009192	GM	4.9	No Model	Y	301	V 8	77-79
10009540	GM	2.5	No Model	5	151	L 4	79-83
10009542	CHRYSLER	2.5	No Model	B	151	L 4	81-83
10009542	CHRYSLER	2.5	No Model	M	151	L 4	81-83
10009542	GM	2.5	No Model	5	151	L 4	79-83
10009542	GM	2.5	No Model	9	151	L 4	79-79
10009542	GM	2.5	No Model	V	151	L 4	78-80
10012189	CHRYSLER	2.5	No Model	B	151	L 4	81-83
10012189	CHRYSLER	2.5	No Model	M	151	L 4	81-83
10012189	GM	2.5	No Model	5	151	L 4	79-83
10012189	GM	2.5	No Model	9	151	L 4	79-79
10012189	GM	2.5	No Model	V	151	L 4	78-80
10013690	GM	4.9	No Model	T	301	V 8	77-81
10014194	GM	2.5	No Model	5	151	L 4	79-83
10016607	GM	4.9	No Model	P	301	V 8	77-81
10016607	GM	4.9	No Model	T	301	V 8	77-81
10016607	GM	4.9	No Model	W	301	V 8	79-81
10016607	GM	4.9	No Model	Y	301	V 8	77-79
10018075	GM	4.3	No Model	S	265	V 8	80-81
10018148	GM	2.5	No Model	5	151	L 4	79-83
10018149	GM	2.5	No Model	2	151	L 4	82-86
10018149	GM	2.5	No Model	5	151	L 4	79-83
10018149	GM	2.5	No Model	F	151	L 4	82-83
10018149	GM	2.5	No Model	R	151	L 4	82-83
10018152	CHRYSLER	2.5	No Model	B	151	L 4	81-83
10018152	CHRYSLER	2.5	No Model	M	151	L 4	81-83
10019149	GM	2.5	No Model	5	151	L 4	79-83
10024535	GM	4.3	No Model	W	262	V 6	92-04
10024535	GM	4.3	No Model	Z	262	V 6	86-97
10024535	ISUZU	4.3	HOMBRE	W	262	V 6	98
10027769	GM	2.5	No Model	U	151	L 4	85-86
10027769-1	GM	2.5	No Model	U	151	L 4	85-86
10027769-3	GM	2.5	No Model	U	151	L 4	85-86
10027769-4	GM	2.5	No Model	U	151	L 4	85-86
10028058	GM	2.5	FIERO	R	151	L 4	83-86
10028058	GM	2.5	No Model	2	151	L 4	82-86

Cylinder Block Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
10028058	GM	2.5	No Model	E	151	L 4	85-87
10030579	GM	2.5	FIERO	R	151	L 4	83-86
10030579	GM	2.5	No Model	2	151	L 4	82-86
10030579	GM	2.5	No Model	E	151	L 4	85-87
10031638	GM	2.5	FIERO	R	151	L 4	83-86
10031638	GM	2.5	No Model	2	151	L 4	82-86
10035817	GM	2.5	No Model	R	151	L 4	87-88
10035901	GM	2.5	No Model	U	151	L 4	87-88
10037029	GM	2.5	FIERO	R	151	L 4	83-86
10037029	GM	2.5	No Model	E	151	L 4	85-87
10037032	GM	2.5	FIERO	R	151	L 4	83-86
10037032	GM	2.5	No Model	2	151	L 4	82-86
10037032	GM	2.5	No Model	E	151	L 4	85-87
10038893	GM	2.5	No Model	R	151	L 4	87-88
10038980	GM	2.5	No Model	R	151	L 4	87-88
10038980	GM	2.5	No Model	R	151	L 4	89
10038980	GM	2.5	No Model	R	151	L 4	90-92
10039803	GM	2.5	FIERO	R	151	L 4	83-86
10039803	GM	2.5	No Model	2	151	L 4	82-86
10041725	GM	2.5	No Model	U	151	L 4	87-88
10041725	GM	2.5	No Model	U	151	L 4	89-91
10043010	GM	2.5	No Model	U	151	L 4	87-88
10043046	GM	2.5	No Model	2	151	L 4	82-86
10043046	GM	2.5	No Model	R	151	L 4	87-88
10043046	GM	2.5	S-10	A	151	L 4	91-93
10043046	GM	2.5	S-10	E	151	L 4	87-91
10044311	GM	2.5	No Model	R	151	L 4	87-88
10044311	GM	2.5	No Model	R	151	L 4	89
10044311	GM	2.5	No Model	R	151	L 4	90-92
10044311	GM	2.5	S-10	A	151	L 4	91-93
10044311	GM	2.5	S-10	E	151	L 4	87-91
10044562	GM	2.5	FIERO	R	151	L 4	83-86
10044562	GM	2.5	No Model	E	151	L 4	85-87
10044562	GM	2.5	No Model	R	151	L 4	87-88
10045009	GM	2.0	No Model	1	122	L 4	87-88
10045009	GM	2.0	No Model	1	122	L 4	87-89
10046164	GM	5.0	No Model	F	305	V 8	81-87
10046164	GM	5.0	No Model	G	305	V 8	84-88
10046164	GM	5.0	No Model	H	305	V 8	78-88
10046164	GM	5.0	No Model	H	305	V 8	89-95
10049047	GM	5.0	No Model	F	305	V 8	81-87
10049047	GM	5.0	No Model	G	305	V 8	84-88
10049047	GM	5.0	No Model	G	305	V 8	84-88
10049047	GM	5.0	No Model	H	305	V 8	78-88
10049047	GM	5.0	No Model	H	305	V 8	89-95
10051107	GM	7.4	No Model	N	454	V 8	87-90
10054727	GM	5.7	CAMARO, CORVETTE	8	350	V 8	85-92
10054727	GM	5.7	No Model	6	350	V 8	80-88
10054727	GM	5.7	No Model	7	350	V 8	89-95
10054727	GM	5.7	No Model	K	350	V 8	86-96
10054727	GM	5.7	No Model	L	350	V 8	89-92
10054727	GM	5.7	No Model	M	350	V 8	79-88
1006459	ISUZU	2.8	TROOPER II	R	173	V 6	89-91
10065457	GM	2.8	No Model	S	173	V 6	85-92
10065457	GM	2.8	SONOMA	R	173	V 6	86-93
10065457	GM	3.1	FIREBIRD	T	191	V 6	89-94
10065457	GM	3.1	LUMINA	D	191	V 6	90-95
10065457	ISUZU	2.8	TROOPER II	R	173	V 6	89-91
10065459	GM	2.8	FIERO	9	173	V 6	85-88
10065459	GM	2.8	No Model	W	173	V 6	87-89
10065459	GM	3.1	FIREBIRD	T	191	V 6	89-94

Cylinder Block Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
10065459	GM	3.1	GRAND PRIX	V	191	V 6	89-90
10065459	GM	3.1	LUMINA	D	191	V 6	90-95
10065459	ISUZU	2.8	TROOPER II	R	173	V 6	89-91
10065459	ISUZU	3.1	TROOPER II	Z	189	V 6	91-94
1006549	ISUZU	2.8	TROOPER II	R	173	V 6	89-91
100660011	GM	4.3	No Model	Z	262	V 6	86-97
100660036	GM	5.7	No Model	L	350	V 8	83-86
10066011	GM	4.3	No Model	B	262	V 6	90-91
10066011	GM	4.3	No Model	Z	262	V 6	86-97
10066036	GM	5.7	No Model	6	350	V 8	80-88
10066036	GM	5.7	No Model	L	350	V 8	76
10066036	GM	5.7	No Model	L	350	V 8	77-82
10066036	GM	5.7	No Model	M	350	V 8	79-88
10066061	GM	4.3	No Model	B	262	V 6	90-91
10066061	GM	4.3	No Model	W	262	V 6	92-04
10066061	GM	4.3	No Model	Z	262	V 6	86-97
10066061	ISUZU	4.3	HOMBRE	W	262	V 6	98
10068554	GM	2.2	CAVALIER	4	134	L 4	91-94
10068554	GM	2.2	No Model	G	134	L 4	90-91
10068554	GM	2.3	No Model	A	138	L 4	88-95
10069282	GM	6.0	No Model	P	366	V 8	89-90
10069286	GM	7.4	No Model	N	454	V 8	87-90
10069286	GM	7.4	No Model	S	454	V 8	76-79
10069286	GM	7.4	No Model	S	454	V 8	80-81
10069286	GM	7.4	No Model	W	454	V 8	80-86
10069286	GM	7.4	No Model	W	454	V 8	87-90
10069286	GM	7.4	No Model	Y	454	V 8	76-78
10069286	GM	7.4	No Model	Z	454	V 8	70-75
10101401	GM	2.5	No Model	U	151	L 4	89-91
10101750	GM	2.5	No Model	R	151	L 4	90-92
10103566	GM	2.2	No Model	G	134	L 4	90-91
10105867	GM	4.3	No Model	B	262	V 6	90-91
10105867	GM	4.3	No Model	Z	262	V 6	86-97
10105903	GM	4.3	No Model	R	262	V 6	92-95
10105903	GM	4.3	No Model	W	262	V 6	92-04
10105903	ISUZU	4.3	HOMBRE	W	262	V 6	98
10110519	GM	3.1	FIREBIRD	T	191	V 6	89-94
10110519	GM	3.1	LUMINA	D	191	V 6	90-95
10112391	GM	2.2	CAVALIER	4	134	L 4	91-94
10112511	GM	2.5	No Model	R	151	L 4	87-88
10114182	GM	7.4	No Model	J	454	V 8	96-00
10114182	GM	7.4	No Model	N	454	V 8	91-97
10114182	MERCURISER	7.4	No Model	XF	454	V 8	90-94
10114183	GM	6.0	No Model	P	366	V 8	91-98
10114184	GM	7.0	No Model	M	427	V 8	91-96
10118068	GM	3.4	No Model	X	207	V 6	91-95
10118605	GM	3.4	CAMARO	S	207	V 6	93-95
10118608	GM	3.4	CAMARO	S	207	V 6	93-95
10118618	GM	3.1	FIREBIRD	T	191	V 6	89-94
10118618	GM	3.1	GRAND PRIX	V	191	V 6	89-90
10118618	GM	3.1	LUMINA	D	191	V 6	90-95
10118618	ISUZU	2.8	TROOPER II	R	173	V 6	89-91
10118618	ISUZU	3.1	TROOPER II	Z	189	V 6	91-94
10118653	GM	3.1	FIREBIRD	T	191	V 6	89-94
10118653	GM	3.1	LUMINA	D	191	V 6	90-95
10118653	ISUZU	3.1	TROOPER II	Z	189	V 6	91-94
10118818	GM	3.1	FIREBIRD	T	191	V 6	89-94
10118818	GM	3.1	LUMINA	D	191	V 6	90-95
10125327	GM	5.7	CAMARO	P	350	V 8	92-97
10127450	GM	3.4	No Model	X	207	V 6	91-95
10134366	GM	7.4	No Model	J	454	V 8	96-00

Cylinder Block Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
10134366	GM	7.4	No Model	N	454	V 8	87-90
10134366	GM	7.4	No Model	N	454	V 8	91-97
10137086	GM	3.1	FIREBIRD	T	191	V 6	89-94
10137086	GM	3.1	LUMINA	D	191	V 6	90-95
10137093	GM	3.1	No Model	J	191	V 6	00-03
10137093	GM	3.1	No Model	M	191	V 6	93-99
10141927	GM	2.2	CAVALIER	4	134	L 4	91-94
10141927	GM	2.2	CAVALIER	4	134	L 4	94-97
10141927	GM	2.2	CAVALIER	4	134	L 4	98-02
10141927	GM	2.3	No Model	A	138	L 4	88-95
10149599	GM	6.2	No Model	C	379	V 8	87-93
10149599	GM	6.2	No Model	J	379	V 8	87-93
10149599	GM	6.5	No Model	7	397	V 8	98-99
10149599	GM	6.5	No Model	F	397	V 8	92-00
10149599	GM	6.5	No Model	P	397	V 8	94-95
10149599	GM	6.5	No Model	S	397	V 8	94-00
10149599	GM	6.5	No Model	Y	397	V 8	94-99
10156012	GM	2.2	CAVALIER	4	134	L 4	91-94
10156012	GM	2.3	No Model	A	138	L 4	88-95
10156046	GM	2.2	CAVALIER	4	134	L 4	91-94
10156046	GM	2.3	No Model	A	138	L 4	88-95
10156048	GM	2.2	CAVALIER	4	134	L 4	91-94
10168588	GM	4.3	No Model	W	262	V 6	92-04
10172756	GM	4.3	No Model	W	262	V 6	92-04
10172756	GM	4.3	No Model	Z	262	V 6	86-97
10172756	ISUZU	4.3	HOMBRE	W	262	V 6	98
10185050	GM	7.4	No Model	N	454	V 8	87-90
10187093	GM	3.1	No Model	J	191	V 6	00-03
10187093	GM	3.1	No Model	M	191	V 6	93-99
10191737	GM	3.1	No Model	J	191	V 6	00-03
10191737	GM	3.1	No Model	M	191	V 6	93-99
10215666	GM	2.2	CAVALIER	4	134	L 4	91-94
10215666	GM	2.2	CAVALIER	4	134	L 4	91-94
10215666	GM	2.2	CAVALIER	4	134	L 4	94-97
10215666	GM	2.2	CAVALIER	4	134	L 4	98-02
10215666	GM	2.3	No Model	A	138	L 4	88-95
10224227	GM	3.1	No Model	J	191	V 6	00-03
10224227	GM	3.1	No Model	J	191	V 6	00-03
10224227	GM	3.1	No Model	M	191	V 6	93-99
10224227	GM	3.4	ALERO	M	207	V 6	99-00
10224241	GM	5.7	CORVETTE	J	350	V 8	89-95
102244241	GM	5.7	CORVETTE	J	350	V 8	89-95
10224534	GM	4.3	No Model	Z	262	V 6	86-97
10224535	GM	4.3	No Model	W	262	V 6	92-04
10224535	GM	4.3	No Model	Z	262	V 6	86-97
10224535	ISUZU	4.3	HOMBRE	W	262	V 6	98
10224565	GM	4.3	No Model	R	262	V 6	92-95
10224565	GM	4.3	No Model	W	262	V 6	92-04
10224565	ISUZU	4.3	HOMBRE	W	262	V 6	98
10224834	GM	4.3	No Model	W	262	V 6	92-04
10224834	GM	4.3	No Model	Z	262	V 6	86-97
10224834	ISUZU	4.3	HOMBRE	W	262	V 6	98
10227196	GM	4.3	No Model	W	262	V 6	92-04
10227196	GM	4.3	No Model	X	262	V 6	96-00
10227196	GM	4.3	No Model	Z	262	V 6	86-97
10227196	ISUZU	4.3	HOMBRE	W	262	V 6	98
10227196	ISUZU	4.3	HOMBRE	X	262	V 6	97-99
10229534	GM	4.3	No Model	W	262	V 6	92-04
10229534	ISUZU	4.3	HOMBRE	W	262	V 6	98
10235359	GM	4.3	No Model	W	262	V 6	92-04
10235359	ISUZU	4.3	HOMBRE	W	262	V 6	98

Cylinder Block Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
10237141	GM	6.5	No Model	F	397	V 8	92-00
10237141	GM	6.5	No Model	Y	397	V 8	94-99
10237297	GM	7.4	No Model	J	454	V 8	96-00
10237297	GM	7.4	No Model	N	454	V 8	91-97
10237299	GM	6.0	No Model	P	366	V 8	91-98
10237300	GM	8.2	ENGINE 502		502	V 8	96-01
10237300	MERCURISER	8.2	No Model	MCM	502	V 8	-90
10240934	GM	3.1	FIREBIRD	T	191	V 6	89-94
10240934	GM	3.1	LUMINA	D	191	V 6	90-95
10243878	GM	5.0	No Model	M	305	V 8	96-99
10243880	GM	5.7	CAMARO	P	350	V 8	92-97
10243880	GM	5.7	CAMARO, CORVETTE	8	350	V 8	85-92
10243880	GM	5.7	No Model	7	350	V 8	89-95
10243880	GM	5.7	No Model	K	350	V 8	86-96
10243880	GM	5.7	No Model	L	350	V 8	89-92
10243880	GM	5.7	No Model	R	350	V 8	96-02
10263878	GM	5.0	No Model	M	305	V 8	96-99
10423683	FORD	2.9	T		177	L 4	15-27
1071829	CHRYSLER	3.6	No Model		218	L 6	65-71
10A-19300	MINN MOLINE	0.0	302		0	L 4	
10A-19300	MINN MOLINE	0.0	No Model	BF	0	L 4	
10A3006	MINN MOLINE	7.0	GB	D	425	L 6	54-61
10A3006	MINN MOLINE	7.4	D451		451	L 6	
11	TOYOTA	1.9	CROWN	C	113	L 4	66-69
1100110601	MERCEDES BENZ	2.8	No Model	M110	170	L 6	74-81
110156012	GM	2.2	CAVALIER	4	134	L 4	91-94
11018737	GM	3.1	No Model	J	191	V 6	00-03
11018737	GM	3.1	No Model	M	191	V 6	93-99
110644R	NAVISTAR	4.6	UTD282	G	282	L 6	53-70
110644R	NAVISTAR	5.0	BD308	BD	308	L 6	55-57
110644R1	NAVISTAR	4.6	UTD282	G	282	L 6	53-70
110645R	NAVISTAR	4.6	UTD282	G	282	L 6	53-70
110645R	NAVISTAR	5.0	BD308	BD	308	L 6	55-57
110645R1	NAVISTAR	4.6	UTD282	G	282	L 6	53-70
1106542	NAVISTAR	4.6	UTD282	G	282	L 6	53-70
1115329-1	CHRYSLER	5.3	No Model	323	323	L 8	35-51
1115829	CHRYSLER	3.9	No Model	F	237	L 6	42-56
1115829	CHRYSLER	4.1	No Model		251	L 6	42-68
1115829	CHRYSLER	4.3	No Model		265	L 6	52-68
1119729	CHRYSLER	3.5	No Model		218	L 6	33-56
1119729	CHRYSLER	3.6	No Model		218	L 6	65-71
1138129	CHRYSLER	3.9	No Model	F	237	L 6	42-56
1138129	CHRYSLER	4.1	No Model		251	L 6	42-68
1138129	CHRYSLER	4.3	No Model		265	L 6	52-68
1140160001	MERCEDES BENZ	2.5	250	114	152	L 6	67-72
11411-23010	TOYOTA	1.5	3P		89	L 4	
11411-26010	TOYOTA	1.6	COROLLA	2T-C	97	L 4	71-79
11411-260108	TOYOTA	1.6	COROLLA	2T-C	97	L 4	71-79
11411-280101	TOYOTA	1.8	COROLLA	3T-C	108	L 4	80-82
11411-28101	TOYOTA	1.8	COROLLA	3T-C	108	L 4	80-82
11411-31010	TOYOTA	1.5	No Model	2R	91	L 4	64-71
11411-31013	TOYOTA	1.5	No Model	2R	91	L 4	64-71
11411320	TOYOTA	2.4	No Model	22R	144	L 4	81-84
11411-33010	TOYOTA	1.9	No Model		113	L 4	69-71
11411-33011	TOYOTA	1.9	No Model		113	L 4	69-71
11411-34020	TOYOTA	2.0	CELICA	18R-C	120	L 4	71-74
11411-34020	TOYOTA	2.0	CELICA	18R-C	120	L 4	71-74
11411350	TOYOTA	2.4	No Model	22R	144	L 4	81-84
11411-36040	TOYOTA	2.0	CELICA	18R-C	120	L 4	71-74
11411-36040	TOYOTA	2.0	CELICA	18R-C	120	L 4	71-74
11411380	TOYOTA	2.4	No Model	22R	144	L 4	81-84

Cylinder Block Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
11411-38010	TOYOTA	2.2	CELICA	20R	134	L 4	75-77
11411-38010	TOYOTA	2.2	CELICA	20R	134	L 4	78-80
11411-38020	TOYOTA	2.2	CELICA	20R	134	L 4	75-77
11411-38020	TOYOTA	2.2	CELICA	20R	134	L 4	78-80
11411-38030	TOYOTA	2.2	CELICA	20R	134	L 4	75-77
11411-38030	TOYOTA	2.2	CELICA	20R	134	L 4	78-80
11411-38031	TOYOTA	2.2	CELICA	20R	134	L 4	75-77
11411-38031	TOYOTA	2.2	CELICA	20R	134	L 4	78-80
11411-40010	TOYOTA	1.9	CROWN	C	113	L 4	66-69
11411-40010	TOYOTA	2.0	5R		122	L 4	
11411-40010	TOYOTA	2.0	5R		122	L 4	
11411-40010	TOYOTA	2.0	5R		122	L 4	
11411-40011	TOYOTA	1.9	No Model		113	L 4	69-71
11411-40012	TOYOTA	1.9	No Model		113	L 4	69-71
11411-40013	TOYOTA	1.9	CROWN	C	113	L 4	66-69
11411-41011	TOYOTA	2.3	CROWN	2M	137	L 6	68-72
11411-60020	TOYOTA	3.9	LANDCRUISER	F	237	L 6	65-74
11411-60031	TOYOTA	3.9	LANDCRUISER	F	237	L 6	65-74
11411-60032	TOYOTA	3.9	LANDCRUISER	F	237	L 6	65-74
11411-60033	TOYOTA	3.9	LANDCRUISER	F	237	L 6	65-74
1141161011	TOYOTA	4.2	LANDCRUISER	2F	258	L 6	75-80
11411-74010	TOYOTA	2.0	CAMRY	3SFE	122	L 4	86-91
11411-96001	TOYOTA	1.5	4P		91	L 4	
11414-60030	TOYOTA	3.9	LANDCRUISER	F	237	L 6	65-74
1160111101	MERCEDES BENZ	3.8	380SE		234	V 8	82-85
11610699	HERCULES	7.8	No Model	D	478	L 6	
116415H	NAVISTAR	4.4	U, B, BD		269	L 6	40-69
116415HA	NAVISTAR	4.4	U, B, BD		269	L 6	40-69
1165165	GM	5.3	No Model	B	322	V 8	53-56
1169334	GM	4.3	No Model	B	264	V 8	53-56
1169334	GM	5.3	No Model	B	322	V 8	53-56
1170111401	MERCEDES BENZ	5.0	500SEL		303	V 8	84-91
1173201	GM	6.0	No Model	B	364	V 8	57-61
1173201-11	GM	6.0	No Model	B	364	V 8	57-61
1174372	GM	6.0	No Model	B	364	V 8	57-61
117712H	NAVISTAR	4.4	U, B, BD		269	L 6	40-69
117712HB	NAVISTAR	4.4	U, B, BD		269	L 6	40-69
1185404	GM	6.6	No Model	B.	401	V 8	59-66
1185484	GM	6.6	No Model	B.	401	V 8	59-66
1193724	GM	3.5	No Model		215	V 8	61-63
1193724	ROVER	3.5	No Model		217	V 8	79-87
1193724	ROVER	3.9	No Model	2	241	V 8	89-96
1193724	ROVER	4.0	No Model	97	241	V 8	97-00
1196546	GM	6.6	No Model	B.	401	V 8	59-66
1196547	GM	6.0	No Model	B	364	V 8	57-61
11M	NISSAN	1.6	PULSAR	E16	97	L 4	83-86
12	TOYOTA	1.9	CROWN	C	113	L 4	66-69
12030854	MERCEDES BENZ	3.0	300E		183	L 6	86-92
1211784	CHRYSLER	3.7	No Model		225	L 6	76-87
1211784	CHRYSLER	3.7	No Model	H	225	L 6	82-87
1231738	GM	7.5	No Model	B	455	V 8	70-76
1237486	TOYOTA	2.4	4-RUNNER	22R-T	144	L 4	85-87
1238861	GM	7.5	No Model	B	455	V 8	70-76
1241735	GM	7.5	No Model	B	455	V 8	70-76
1241748	GM	5.7	No Model	H	350	V 8	68-74
1241748	GM	5.7	No Model	H	350	V 8	73-77
1241748	GM	5.7	No Model	J	350	V 8	75-77
1241748	GM	5.7	No Model	X	350	V 8	77-80
124178	GM	5.7	No Model	J	350	V 8	74
1254083	GM	3.8	No Model	2	231	V 6	78
1254083	GM	3.8	No Model	2	231	V 6	79

Cylinder Block Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
1254083	GM	3.8	No Model	3	231	V 6	78-81
1254083	GM	3.8	No Model	3	231	V 6	82
1254083	GM	3.8	No Model	3	231	V 6	85-86
1254083	GM	3.8	No Model	8	231	V 6	83
1254083	GM	3.8	No Model	9	229	V 6	83-84
1254083	GM	3.8	No Model	9	231	V 6	84-85
1254083	GM	3.8	No Model	A	231	V 6	78-81
1254083	GM	3.8	No Model	A	231	V 6	82
1254083	GM	3.8	No Model	A	231	V 6	83-87
1254083	GM	3.8	No Model	C	231	V 6	75-77
1254083	GM	3.8	No Model	G	231	V 6	78
1254083	GM	3.8	No Model	K	229	V 6	80-82
12550313	GM	7.4	No Model	N	454	V 8	87-90
12550313	GM	7.4	No Model	N	454	V 8	91-97
12550592	GM	5.7	CAMARO	G	346	V 8	97-04
12551168	GM	5.7	CORVETTE	S	346	V 8	01-04
12551358	GM	4.8	No Model	V	293	V 8	99-02
12551358	GM	5.3	No Model	T	325	V 8	99-05
12551364	GM	6.0	ESCALADE	N	364	V 8	02-03
12551364	GM	6.0	No Model	U	364	V 8	99-04
12551366	GM	6.0	No Model	U	364	V 8	99-04
12552929	GM	6.5	No Model	7	397	V 8	98-99
12552929	GM	6.5	No Model	F	397	V 8	92-00
12552929	GM	6.5	No Model	S	397	V 8	94-00
12552929	GM	6.5	No Model	Y	397	V 8	94-99
12554843	GM	6.5	No Model	F	397	V 8	92-00
12555506	GM	6.5	No Model	7	397	V 8	98-99
12555506	GM	6.5	No Model	F	397	V 8	92-00
12555506	GM	6.5	No Model	S	397	V 8	94-00
12555506	GM	6.5	No Model	Y	397	V 8	94-99
12557805	GM	4.6	NORTHSTAR	Y	279	V 8	93-03
12558110	GM	8.1	SAVANA	G	496	V 8	01-04
1255862	GM	3.8	No Model	2	231	V 6	78
1255862	GM	3.8	No Model	2	231	V 6	79
1255862	GM	3.8	No Model	3	231	V 6	78-81
1255862	GM	3.8	No Model	A	231	V 6	78-81
1255862	GM	3.8	No Model	A	231	V 6	82
1255862	GM	3.8	No Model	A	231	V 6	83-87
1255862	GM	3.8	No Model	C	231	V 6	75-77
12559080	GM	5.7	CAMARO	G	346	V 8	97-04
12559378	GM	5.7	CAMARO	G	346	V 8	97-04
12559378	GM	5.7	CORVETTE	S	346	V 8	01-04
12559846	GM	5.7	CAMARO	G	346	V 8	97-04
12560626	GM	5.7	CAMARO	G	346	V 8	97-04
12561168	GM	5.7	CAMARO	G	346	V 8	97-04
12561168	GM	6.0	ESCALADE	N	364	V 8	02-03
12561471	GM	4.6	NORTHSTAR	9	279	V 8	93-03
12562174	GM	5.7	CAMARO	G	346	V 8	97-04
12562253	GM	5.7	CAMARO	G	346	V 8	97-04
12562735	GM	6.0	CORVETTE	U	364	V 8	05-05
12563712GH	GM	4.2	TRAILBLAZER	S	256	L 6	02-05
1256690	GM	3.2	No Model	C	196	V 6	78-79
12566910	GM	5.3	TRUCK	P	325	V 8	03-05
12567392	GM	4.8	No Model	V	293	V 8	99-02
12567392	GM	5.3	No Model	T	325	V 8	99-05
12571852	GM	4.6	NORTHSTAR	9	279	V 8	93-03
12571852	GM	4.6	NORTHSTAR	Y	279	V 8	93-03
12573581	GM	6.0	ESCALADE	N	364	V 8	02-03
12577184	GM	6.0	ESCALADE	N	364	V 8	02-03
1261438	GM	3.8	No Model	2	231	V 6	78
1261438	GM	3.8	No Model	2	231	V 6	79

Cylinder Block Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
1261438	GM	3.8	No Model	3	231	V 6	78-81
1261438	GM	3.8	No Model	8	231	V 6	83
1261438	GM	3.8	No Model	A	231	V 6	78-81
1261438	GM	3.8	No Model	A	231	V 6	82
1261438	GM	3.8	No Model	A	231	V 6	83-87
1261438	GM	3.8	No Model	C	231	V 6	75-77
1261439	GM	3.2	No Model	C	196	V 6	78-79
1261439	GM	3.8	No Model	2	231	V 6	78
1261439	GM	3.8	No Model	2	231	V 6	79
1261439	GM	3.8	No Model	C	231	V 6	75-77
1261785	GM	3.2	No Model	C	196	V 6	78-79
1261785	GM	3.8	No Model	2	231	V 6	78
1261785	GM	3.8	No Model	2	231	V 6	79
1261785	GM	3.8	No Model	3	231	V 6	78-81
1261785	GM	3.8	No Model	3	231	V 6	82
1261785	GM	3.8	No Model	3	231	V 6	85-86
1261785	GM	3.8	No Model	8	231	V 6	83
1261785	GM	3.8	No Model	9	229	V 6	83-84
1261785	GM	3.8	No Model	9	231	V 6	84-85
1261785	GM	3.8	No Model	A	231	V 6	78-81
1261785	GM	3.8	No Model	A	231	V 6	82
1261785	GM	3.8	No Model	A	231	V 6	83-87
1261785	GM	3.8	No Model	K	229	V 6	80-82
1261787	GM	3.8	No Model	2	231	V 6	78
1261787	GM	3.8	No Model	2	231	V 6	79
1261787	GM	3.8	No Model	3	231	V 6	78-81
1261787	GM	3.8	No Model	3	231	V 6	82
1261787	GM	3.8	No Model	3	231	V 6	85-86
1261787	GM	3.8	No Model	8	231	V 6	83
1261787	GM	3.8	No Model	9	229	V 6	83-84
1261787	GM	3.8	No Model	9	231	V 6	84-85
1261787	GM	3.8	No Model	A	231	V 6	78-81
1261787	GM	3.8	No Model	A	231	V 6	82
1261787	GM	3.8	No Model	A	231	V 6	83-87
1261787	GM	3.8	No Model	K	229	V 6	80-82
126740	CUMMINS	28.0	V1710	V12	1710	V 12	
126740	CUMMINS	28.0	VT1710	VTA	1710	V 12	
126741	CUMMINS	28.0	V1710	V12	1710	V 12	
126741	CUMMINS	28.0	VT1710	VTA	1710	V 12	
126742	CUMMINS	28.0	V1710	V12	1710	V 12	
126742	CUMMINS	28.0	VT1710	VTA	1710	V 12	
126743	CUMMINS	28.0	V1710	V12	1710	V 12	
126743	CUMMINS	28.0	VT1710	VTA	1710	V 12	
126744	CUMMINS	28.0	V1710	V12	1710	V 12	
126744	CUMMINS	28.0	VT1710	VTA	1710	V 12	
1275755K-M	FORD	2.4	No Model	L	149	L 6	84-85
12996210002293	MERCEDES BENZ	2.5	250SE		152	L 6	65-68
12G	MG	1.3	No Model	E	78	L 4	66-74
1303E	NISSAN	2.4	240Z	L24	146	L 6	70-73
1315529	CHRYSLER	3.6	No Model		218	L 6	65-71
131601	CUMMINS	14.0	NH230	NH	855	L 6	
131601	CUMMINS	14.0	NT855	NT	855	L 6	
131884R	NAVISTAR	8.2	No Model		501	L 6	49-69
1323329	CHRYSLER	4.5	BELVEDERE		277	V 8	56-57
1326229	CHRYSLER	3.5	No Model		218	L 6	33-56
1326299	CHRYSLER	3.6	No Model		218	L 6	65-71
1327429	CHRYSLER	4.5	BELVEDERE		277	V 8	56-57
1328829	CHRYSLER	3.9	No Model	F	237	L 6	42-56
1328829	CHRYSLER	4.0	HEMI	HEMI	241	V 8	53-55
1328839	CHRYSLER	3.9	No Model	F	237	L 6	42-56
1330129	CHRYSLER	5.4	No Model	331	331	V 8	54-56

Cylinder Block Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
1330129	CHRYSLER	5.4	No Model	CAR	331	V 8	51-54
1330129	CHRYSLER	5.4	RAMBLER	A/J	327	V 8	57-67
133440R	NAVISTAR	7.8	No Model		478	V 8	56-78
133446R	CHRYSLER	7.8	No Model		478	V 8	69-77
133460R	CHRYSLER	9.0	No Model		549	V 8	70-74
133460R	NAVISTAR	7.8	No Model		478	V 8	56-78
133460R	NAVISTAR	9.0	No Model	G	549	V 8	60-78
133466	NAVISTAR	7.8	No Model		478	V 8	56-78
133466	NAVISTAR	9.0	No Model	G	549	V 8	60-78
133466R	CHRYSLER	7.8	No Model		478	V 8	69-77
133466R	CHRYSLER	9.0	No Model		549	V 8	70-74
133466R	NAVISTAR	7.8	No Model		478	V 8	56-78
133466R	NAVISTAR	9.0	No Model	G	549	V 8	60-78
133467	NAVISTAR	7.6	No Model	DV	462	V 8	56-68
1340146	GM	7.0	No Model	B	425	V 8	63-66
1343404	GM	4.3	No Model	263	263	L 8	50-53
1345404	GM	6.6	No Model	B.	401	V 8	59-66
1347044	GM	3.5	No Model		215	V 8	61-63
1349046	GM	6.6	No Model	B.	401	V 8	59-66
1349430	GM	3.2	No Model	198	198	V 6	62-65
1354713	GM	7.0	No Model	B	425	V 8	63-66
1354714	GM	7.0	No Model	B	425	V 8	63-66
1358435	GM	3.7	No Model	B	225	V 6	64-67
1364704	GM	7.0	No Model	B	425	V 8	63-66
1364705	GM	6.6	No Model	B.	401	V 8	59-66
1364705	GM	7.0	No Model	B	425	V 8	63-66
1364707	GM	7.0	No Model	B	425	V 8	63-66
1364714	GM	6.6	No Model	B.	401	V 8	59-66
1374547	GM	5.6	No Model	B	340	V 8	64-67
1374557	GM	5.6	No Model	B	340	V 8	64-67
1375162	GM	3.7	No Model	B	225	V 6	64-67
1381621	GM	5.6	No Model	B	340	V 8	64-67
1381623	CHRYSLER	3.2	No Model	B	198	L 6	74-74
1381623	GM	3.7	No Model	B	225	V 6	64-67
1381625	GM	7.0	No Model	B	430	V 8	67-69
1382201	CHRYSLER	5.7	No Model		350	V 8	68-71
1382201	GM	5.7	No Model	H	350	V 8	68-74
1382201	GM	5.7	No Model	J	350	V 8	75-77
1383424	GM	7.0	No Model	B	430	V 8	67-69
1383434	GM	7.0	No Model	B	430	V 8	67-69
138424	CUMMINS	14.0	NH230	NH	855	L 6	
138424	CUMMINS	14.0	NT855	NT	855	L 6	
138426	CUMMINS	14.0	NH230	NH	855	L 6	
138426	CUMMINS	14.0	NT855	NT	855	L 6	
1396736	GM	3.7	No Model	B	225	V 6	64-67
14001133	GM	1.6	CHEVETTE	C	98	L 4	82-87
14001133	GM	4.8	No Model	T	292	L 6	78-90
14002009	GM	4.8	No Model	T	292	L 6	63-73
14002009	GM	4.8	No Model	T	292	L 6	74-77
14002009	GM	4.8	No Model	T	292	L 6	78-90
1400209	GM	4.8	No Model	T	292	L 6	63-73
1400209	GM	4.8	No Model	T	292	L 6	74-77
1400209	GM	4.8	No Model	T	292	L 6	78-90
1400229	CHRYSLER	3.9	No Model	F	237	L 6	42-56
1400229	CHRYSLER	4.1	No Model		251	L 6	42-68
1400229	CHRYSLER	4.3	No Model		265	L 6	52-68
1400299	CHRYSLER	4.1	No Model		251	L 6	42-68
14003987	GM	2.8	No Model	7	173	V 6	79-80
14003987	GM	2.8	No Model	X	173	V 6	80-86
14004069	GM	1.8	No Model	G	112	L 4	81-85
1400929	CHRYSLER	4.3	No Model		265	L 6	52-68

Cylinder Block Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
14010201	GM	5.0	No Model	7	305	V 8	82
14010201	GM	5.0	No Model	F	305	V 8	81-87
14010201	GM	5.0	No Model	G	305	V 8	76-79
14010201	GM	5.0	No Model	G	305	V 8	80-81
14010201	GM	5.0	No Model	H	305	V 8	78-88
14010201	GM	5.0	No Model	S	305	V 8	83
14010201	GM	5.0	No Model	U	305	V 8	77-79
14010202	GM	5.0	No Model	7	305	V 8	82
14010202	GM	5.0	No Model	F	305	V 8	81-87
14010202	GM	5.0	No Model	G	305	V 8	76-79
14010202	GM	5.0	No Model	G	305	V 8	80-81
14010202	GM	5.0	No Model	H	305	V 8	78-88
14010202	GM	5.0	No Model	S	305	V 8	83
14010202	GM	5.0	No Model	U	305	V 8	77-79
14010203	GM	5.0	No Model	7	305	V 8	82
14010203	GM	5.0	No Model	F	305	V 8	81-87
14010203	GM	5.0	No Model	G	305	V 8	76-79
14010203	GM	5.0	No Model	G	305	V 8	80-81
14010203	GM	5.0	No Model	H	305	V 8	78-88
14010203	GM	5.0	No Model	S	305	V 8	83
14010203	GM	5.0	No Model	U	305	V 8	77-79
14010205	GM	4.4	No Model	J	267	V 8	79-82
14010207	GM	5.7	No Model	4	350	V 8	78-79
14010207	GM	5.7	No Model	6	350	V 8	80-88
14010207	GM	5.7	No Model	L	350	V 8	76
14010207	GM	5.7	No Model	L	350	V 8	77-82
14010207	GM	5.7	No Model	L	350	V 8	83-86
14010207	GM	5.7	No Model	M	350	V 8	79-88
14010207	GM	5.7	No Model	P	350	V 8	80-83
14010209	GM	5.7	No Model	6	350	V 8	80-88
14010209	GM	5.7	No Model	L	350	V 8	77-82
14010209	GM	5.7	No Model	L	350	V 8	83-86
14010209	GM	5.7	No Model	P	350	V 8	80-83
14010231	GM	5.0	No Model	7	305	V 8	82
14010231	GM	5.0	No Model	F	305	V 8	81-87
14010231	GM	5.0	No Model	G	305	V 8	80-81
14010231	GM	5.0	No Model	H	305	V 8	78-88
14010231	GM	5.0	No Model	S	305	V 8	83
14010280	GM	4.4	No Model	J	267	V 8	79-82
14011148	GM	5.7	CAMARO, CORVETTE	8	350	V 8	85-92
14011148	GM	5.7	No Model	7	350	V 8	89-95
1401281	GM	4.4	No Model	J	267	V 8	79-82
14015445	GM	7.4	No Model	L	454	V 8	75-76
14015445	GM	7.4	No Model	N	454	V 8	87-90
14015445	GM	7.4	No Model	N	454	V 8	91-97
14015445	GM	7.4	No Model	S	454	V 8	76-79
14015445	GM	7.4	No Model	S	454	V 8	80-81
14015445	GM	7.4	No Model	W	454	V 8	80-86
14015445	GM	7.4	No Model	W	454	V 8	87-90
14015445	GM	7.4	No Model	Y	454	V 8	76-78
14015445	GM	7.4	No Model	Z	454	V 8	70-75
14015685	GM	1.6	CHEVETTE	9	98	L 4	80-82
14015685	GM	1.6	CHEVETTE	C	98	L 4	82-87
14016375	GM	4.4	No Model	J	267	V 8	79-82
14016376	GM	4.4	No Model	J	267	V 8	79-82
14016379	GM	5.7	No Model	4	350	V 8	78-79
14016379	GM	5.7	No Model	6	350	V 8	80-88
14016379	GM	5.7	No Model	L	350	V 8	76
14016379	GM	5.7	No Model	L	350	V 8	77-82
14016379	GM	5.7	No Model	L	350	V 8	83-86
14016379	GM	5.7	No Model	M	350	V 8	79-88

Cylinder Block Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
14016379	GM	5.7	No Model	P	350	V 8	68-77
14016379	GM	5.7	No Model	P	350	V 8	80-83
14016379	GM	5.7	No Model	R	350	V 8	69-76
14016379	GM	5.7	No Model	R	350	V 8	77-80
14016379	GM	5.7	No Model	V	350	V 8	74-76
14016379	GM	5.7	No Model	Y	350	V 8	68-75
14016381	GM	5.0	No Model	7	305	V 8	82
14016381	GM	5.0	No Model	F	305	V 8	81-87
14016381	GM	5.0	No Model	G	305	V 8	76-79
14016381	GM	5.0	No Model	G	305	V 8	80-81
14016381	GM	5.0	No Model	H	305	V 8	78-88
14016381	GM	5.0	No Model	S	305	V 8	83
14016381	GM	5.0	No Model	U	305	V 8	77-79
14016383	GM	5.0	No Model	G	305	V 8	76-79
14016383	GM	5.0	No Model	H	305	V 8	78-88
14016383	GM	5.0	No Model	Q	305	V 8	76
14016383	GM	5.0	No Model	U	305	V 8	77-79
14022600	GM	6.2	No Model	C	379	V 8	82-86
14022600	GM	6.2	No Model	C	379	V 8	87-93
14022660	GM	6.2	No Model	C	379	V 8	82-86
14022660	GM	6.2	No Model	C	379	V 8	87-93
14022660	GM	6.2	No Model	J	379	V 8	82-86
14022660	GM	6.2	No Model	J	379	V 8	87-93
14024243	GM	2.8	No Model	7	173	V 6	79-80
14024243	GM	2.8	No Model	X	173	V 6	80-86
1402429	CHRYSLER	4.3	No Model		265	L 6	52-68
1402529	CHRYSLER	4.3	No Model		265	L 6	52-68
14033068	CHRYSLER	2.8	No Model	W	173	V 6	84-87
14033068	GM	2.8	No Model	1	173	V 6	82-85
14033068	GM	2.8	No Model	B	173	V 6	82-85
14033183	GM	2.8	No Model	X	173	V 6	80-86
14033183	GM	2.8	No Model	Z	173	V 6	82-84
14033270	GM	2.0	S-10	Y	121	L 4	82-84
14033379	GM	2.8	No Model	1	173	V 6	82-85
14040205	GM	4.4	No Model	J	267	V 8	79-82
14042527	GM	2.8	No Model	X	173	V 6	80-86
14042527	GM	2.8	No Model	Z	173	V 6	82-84
14049747	GM	2.0	No Model	B	122	L 4	82-86
14049747	GM	2.0	No Model	P	121	L 4	82-86
14054832	GM	2.8	No Model	X	173	V 6	80-86
14054832	GM	2.8	No Model	Z	173	V 6	82-84
14054833	GM	2.8	No Model	X	173	V 6	80-86
14054833	GM	2.8	No Model	Z	173	V 6	82-84
14054835	GM	2.8	No Model	X	173	V 6	80-86
14054877	GM	2.8	No Model	W	173	V 6	87-89
14065457	GM	2.8	No Model	S	173	V 6	85-92
14065457	GM	2.8	SONOMA	R	173	V 6	86-93
14065457	GM	3.1	FIREBIRD	T	191	V 6	89-94
14065457	GM	3.1	LUMINA	D	191	V 6	90-95
14071177	GM	4.3	No Model	B	262	V 6	90-91
14071177	GM	4.3	No Model	N	262	V 6	85-86
14071177	GM	4.3	No Model	Z	262	V 6	85-86
14071177	GM	4.3	No Model	Z	262	V 6	86-97
14072061	CHRYSLER	2.8	No Model	W	173	V 6	84-87
14072061	CHRYSLER	2.8	No Model	W	173	V 6	84-87
14072061	GM	2.8	No Model	1	173	V 6	82-85
14072061	GM	2.8	No Model	B	173	V 6	82-85
14072061	GM	2.8	No Model	S	173	V 6	85-92
14072061	GM	2.8	SONOMA	R	173	V 6	86-93
14072065	GM	2.8	FIERO	9	173	V 6	85-88
14072065	GM	2.8	No Model	W	173	V 6	85-86

Cylinder Block Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
14072065	GM	2.8	No Model	X	173	V 6	80-86
14072065	GM	2.8	No Model	Z	173	V 6	82-84
1407723	GM	2.0	No Model	P	121	L 4	82-86
14077238	GM	2.0	No Model	B	122	L 4	82-86
14077238	GM	2.0	No Model	P	121	L 4	82-86
14077238	GM	2.0	S-10	Y	121	L 4	82-84
14077246	GM	2.0	S-10	Y	121	L 4	82-84
14078889	CHRYSLER	2.8	No Model	W	173	V 6	84-87
14078889	GM	2.8	No Model	1	173	V 6	82-85
14078889	GM	2.8	No Model	B	173	V 6	82-85
14079287	GM	5.7	No Model	6	350	V 8	80-88
14079287	GM	5.7	No Model	7	350	V 8	89-95
14079287	GM	5.7	No Model	K	350	V 8	86-96
14079287	GM	5.7	No Model	L	350	V 8	89-92
14079287	GM	5.7	No Model	M	350	V 8	79-88
14079546	GM	2.0	No Model	B	122	L 4	82-86
14079546	GM	2.0	No Model	P	121	L 4	82-86
14079546	GM	2.0	S-10	Y	121	L 4	82-84
14080504	CHRYSLER	2.8	No Model	W	173	V 6	84-87
14083369	GM	2.8	FIERO	9	173	V 6	85-88
14083369	GM	2.8	No Model	W	173	V 6	85-86
14083369	GM	2.8	No Model	X	173	V 6	80-86
14083370	CHRYSLER	2.8	No Model	W	173	V 6	84-87
14083370	GM	2.8	No Model	1	173	V 6	82-85
14083370	GM	2.8	No Model	B	173	V 6	82-85
14083370	GM	2.8	No Model	S	173	V 6	85-92
14083370	GM	2.8	SONOMA	R	173	V 6	86-93
14083379	CHRYSLER	2.8	No Model	W	173	V 6	84-87
14083379	GM	2.8	No Model	B	173	V 6	82-85
14083379	GM	2.8	No Model	S	173	V 6	85-92
14083379	GM	2.8	SONOMA	R	173	V 6	86-93
14086049	GM	1.8	No Model	G	112	L 4	81-85
14086051	GM	2.0	No Model	B	122	L 4	82-86
14086051	GM	2.0	No Model	P	121	L 4	82-86
14086051	GM	2.0	S-10	Y	121	L 4	82-84
14086081	GM	2.0	No Model	1	122	L 4	87-88
14086081	GM	2.0	No Model	1	122	L 4	87-89
14088526	GM	5.7	CAMARO, CORVETTE	8	350	V 8	85-92
14088526	GM	5.7	No Model	7	350	V 8	89-95
14088548	GM	5.7	CAMARO, CORVETTE	8	350	V 8	85-92
14088548	GM	5.7	No Model	6	350	V 8	80-88
14088548	GM	5.7	No Model	7	350	V 8	89-95
14088548	GM	5.7	No Model	K	350	V 8	86-96
14088548	GM	5.7	No Model	L	350	V 8	83-86
14088548	GM	5.7	No Model	L	350	V 8	89-92
14088548	GM	5.7	No Model	M	350	V 8	79-88
14088551	GM	5.0	No Model	F	305	V 8	81-87
14088551	GM	5.0	No Model	F	305	V 8	88-92
14088551	GM	5.0	No Model	G	305	V 8	84-88
14088551	GM	5.0	No Model	H	305	V 8	78-88
14088551	GM	5.0	No Model	H	305	V 8	89-95
14088553	GM	4.3	No Model	B	262	V 6	90-91
14088553	GM	4.3	No Model	N	262	V 6	85-86
14088553	GM	4.3	No Model	Z	262	V 6	86-97
14089080	GM	2.0	No Model	B	122	L 4	82-86
14089080	GM	2.0	No Model	P	121	L 4	82-86
14089080	GM	2.0	S-10	Y	121	L 4	82-84
14089818	CHRYSLER	2.8	No Model	W	173	V 6	84-87
14089818	GM	2.8	No Model	1	173	V 6	82-85
14089818	GM	2.8	No Model	B	173	V 6	82-85
14089893	GM	2.8	No Model	W	173	V 6	87-89

Cylinder Block Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
14089893	GM	2.8	No Model	X	173	V 6	80-86
14091820	GM	2.8	FIERO	9	173	V 6	85-88
14091820	GM	2.8	No Model	W	173	V 6	85-86
14091820	GM	2.8	No Model	X	173	V 6	80-86
14091820	GM	2.8	No Model	Z	173	V 6	82-84
14092219	GM	2.8	FIERO	9	173	V 6	85-88
14092219	GM	2.8	No Model	W	173	V 6	87-89
14092219	GM	3.1	FIREBIRD	T	191	V 6	89-94
14092219	GM	3.1	LUMINA	D	191	V 6	90-95
14093627	GM	5.0	CAMARO	E	305	V 8	88-92
14093627	GM	5.0	No Model	F	305	V 8	81-87
14093627	GM	5.0	No Model	F	305	V 8	88-92
14093627	GM	5.0	No Model	G	305	V 8	84-88
14093627	GM	5.0	No Model	H	305	V 8	78-88
14093627	GM	5.0	No Model	H	305	V 8	89-95
14093638	GM	5.7	CAMARO	P	350	V 8	92-97
14093638	GM	5.7	CAMARO, CORVETTE	8	350	V 8	85-92
14093638	GM	5.7	No Model	6	350	V 8	80-88
14093638	GM	5.7	No Model	7	350	V 8	89-95
14093638	GM	5.7	No Model	K	350	V 8	86-96
14093638	GM	5.7	No Model	L	350	V 8	89-92
14093638	GM	5.7	No Model	M	350	V 8	79-88
14093638	GM	5.7	No Model	R	350	V 8	96-02
14093683	GM	4.3	No Model	B	262	V 6	90-91
14093683	GM	4.3	No Model	Z	262	V 6	86-97
14094766	GM	5.0	No Model	F	305	V 8	81-87
14094766	GM	5.0	No Model	F	305	V 8	88-92
14094766	GM	5.0	No Model	G	305	V 8	84-88
14094766	GM	5.0	No Model	H	305	V 8	78-88
14094766	GM	5.0	No Model	H	305	V 8	89-95
14096613	GM	3.0	No Model	IND	181	L 4	74-93
14096613	MERCUISER	3.0	No Model	IND	181	L 4	74-93
14096859	GM	8.2	ENGINE 502		502	V 8	96-01
14096859	MERCUISER	8.2	500 BULLDOG	HJ	502	V 8	
14097080	GM	3.0	No Model	IND	181	L 4	74-93
14097080	GM	3.0	No Model	IND	181	L 4	74-93
14097080	MERCUISER	3.0	No Model	IND	181	L 4	74-93
14099073	GM	4.3	No Model	B	262	V 6	90-91
14099073	GM	4.3	No Model	W	262	V 6	92-04
14099073	GM	4.3	No Model	Z	262	V 6	86-97
14099073	ISUZU	4.3	HOMBRE	W	262	V 6	98
14099090	GM	4.3	No Model	W	262	V 6	92-04
14099090	GM	4.3	No Model	X	262	V 6	96-00
14099090	ISUZU	4.3	HOMBRE	W	262	V 6	98
14099090	ISUZU	4.3	HOMBRE	X	262	V 6	97-99
14100695	GM	2.8	FIERO	9	173	V 6	85-88
14100695	GM	2.8	No Model	S	173	V 6	85-92
14100695	GM	2.8	SONOMA	R	173	V 6	86-93
14100695	GM	3.1	FIREBIRD	T	191	V 6	89-94
14100695	GM	3.1	LUMINA	D	191	V 6	90-95
14101148	GM	5.7	CAMARO, CORVETTE	8	350	V 8	85-92
14101148	GM	5.7	No Model	6	350	V 8	80-88
14101148	GM	5.7	No Model	7	350	V 8	89-95
14101148	GM	5.7	No Model	K	350	V 8	86-96
14101148	GM	5.7	No Model	K	350	V 8	86-96
14101148	GM	5.7	No Model	L	350	V 8	89-92
14101148	GM	5.7	No Model	M	350	V 8	79-88
14102058	GM	5.0	No Model	F	305	V 8	81-87
14102058	GM	5.0	No Model	F	305	V 8	88-92
14102058	GM	5.0	No Model	G	305	V 8	84-88
14102058	GM	5.0	No Model	H	305	V 8	78-88

Cylinder Block Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
14102058	GM	5.0	No Model	H	305	V 8	89-95
1410209	GM	5.7	No Model	L	350	V 8	76
1410209	GM	5.7	No Model	L	350	V 8	77-82
1410209	GM	5.7	No Model	L	350	V 8	89-92
141023	NAVISTAR	5.7	No Model		345	V 8	76-81
14109599	GM	6.5	No Model	7	397	V 8	98-99
14109599	GM	6.5	No Model	F	397	V 8	92-00
14109599	GM	6.5	No Model	P	397	V 8	94-95
14109599	GM	6.5	No Model	S	397	V 8	94-00
14109599	GM	6.5	No Model	Y	397	V 8	94-99
141776	NAVISTAR	4.3	400		264	L 6	63-74
141776R	NAVISTAR	4.3	400		264	L 6	63-74
141776R1	NAVISTAR	4.3	400		264	L 6	63-74
1433210	TOYOTA	2.4	4-RUNNER	22R-T	144	L 4	85-87
1435158	GM	7.0	No Model	CAD	429	V 8	63-67
1441684	GM	5.3	LA SALLE	C	322	V 8	38-40
145200	GM	7.7	No Model	R	472	V 8	68-74
145200	GM	8.2	No Model		500	V 8	70-73
1455100	GM	5.4	No Model	CAD	331	V 8	49-55
1460182	TOYOTA	2.4	4-RUNNER	22R-T	144	L 4	85-87
1461476	GM	5.4	No Model	CAD	331	V 8	49-55
1463376	GM	6.0	No Model		365	V 8	56-58
1463376	GM	6.0	No Model		365	V 8	58-62
1464819	GM	6.0	No Model		365	V 8	56-58
1464819	GM	6.0	No Model		365	V 8	58-62
1467267	GM	6.0	No Model		365	V 8	56-58
1467267	GM	6.0	No Model		365	V 8	58-62
1469230	GM	6.4	No Model		390	V 8	59-62
1469230	GM	6.4	No Model		390	V 8	63
1473257	GM	6.4	No Model		390	V 8	59-62
1473267	GM	6.4	No Model		390	V 8	59-62
1473267	GM	6.4	No Model		390	V 8	63
1477857	GM	6.4	No Model		390	V 8	59-62
1477857	GM	6.4	No Model		390	V 8	63
1481283	GM	7.0	No Model	CAD	429	V 8	63-67
1481586	GM	7.0	No Model	CAD	429	V 8	63-67
148238	GM	7.7	No Model	R	472	V 8	68-74
148238	GM	8.2	No Model		500	V 8	70-73
148238	GM	8.2	No Model	S	500	V 8	70-76
1482536	GM	7.0	No Model	CAD	429	V 8	63-67
1482586	GM	7.0	No Model	CAD	429	V 8	63-67
1482588	GM	7.0	No Model	CAD	429	V 8	63-67
1483870	GM	6.4	No Model		390	V 8	59-62
1483870	GM	6.4	No Model		390	V 8	63
14849229	CHRYSLER	3.5	No Model		218	L 6	33-56
14849229	CHRYSLER	3.8	No Model		230	L 6	42-52
1484929	CHRYSLER	3.6	No Model		218	L 6	65-71
1485156	GM	7.0	No Model	CAD	429	V 8	63-67
1485156	GM	7.7	No Model	R	472	V 8	68-74
1486238	GM	7.7	No Model	R	472	V 8	68-74
1486238	GM	8.2	No Model		500	V 8	70-73
1487436	TOYOTA	2.4	4-RUNNER	22R-T	144	L 4	85-87
1489363	GM	5.7	CAMARO, CORVETTE	8	350	V 8	85-92
1489363	GM	5.7	No Model	K	350	V 8	86-96
1489363	GM	5.7	No Model	L	350	V 8	89-92
1489363	GM	5.7	No Model	M	350	V 8	79-88
1494300	GM	8.2	No Model	S	500	V 8	70-76
1495156	GM	7.0	No Model	CAD	429	V 8	63-67
1495200	GM	7.7	No Model	R	472	V 8	68-74
1495200	GM	8.2	No Model		500	V 8	70-73
1495200	GM	8.2	No Model	S	500	V 8	70-76

Cylinder Block Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
1498472	TOYOTA	2.4	4-RUNNER	22R-T	144	L 4	85-87
150210	CUMMINS	6.6	J SERIES	J	401	L 6	
150210	CUMMINS	6.6	J160		401	L 6	
150210	CUMMINS	7.6	C 190		464	L 6	
150211	CUMMINS	6.6	J SERIES	J	401	L 6	
150211	CUMMINS	6.6	J160		401	L 6	
150212	CUMMINS	7.6	C 160		464	L 6	
150221	CUMMINS	7.6	C 160		464	L 6	
151023	NAVISTAR	5.7	No Model		345	V 8	76-81
151023R	NAVISTAR	5.7	No Model		345	V 8	76-81
151023R5	NAVISTAR	5.7	No Model		345	V 8	76-81
1511229	CHRYSLER	3.9	No Model	F	237	L 6	42-56
151339	NAVISTAR	6.4	No Model		392	V 8	56-83
151339R	NAVISTAR	6.4	No Model		392	V 8	56-83
1534329	CHRYSLER	3.9	No Model	F	237	L 6	42-56
1535402	STUDEBAKER	2.8	No Model		170	L 6	55-60
1548332	STUDEBAKER	2.8	No Model		170	L 6	55-60
1548965	STUDEBAKER	2.8	No Model		170	L 6	55-60
1548966	STUDEBAKER	2.8	No Model		170	L 6	55-60
1549454	STUDEBAKER	2.8	No Model		170	L 6	55-60
1550970	STUDEBAKER	2.8	No Model		170	L 6	55-60
1551229	CHRYSLER	4.3	No Model		265	L 6	52-68
1551629	CHRYSLER	5.4	No Model	331	331	V 8	54-56
1551629	CHRYSLER	5.4	No Model	CAR	331	V 8	51-54
1551629	CHRYSLER	5.4	RAMBLER	A/J	327	V 8	57-67
1552369	STUDEBAKER	2.8	No Model		170	L 6	55-60
1554641	STUDEBAKER	4.2	No Model		259	V 8	55-64
1555008	STUDEBAKER	2.8	No Model		170	L 6	55-60
1555009	STUDEBAKER	2.8	No Model		170	L 6	55-60
1555102	STUDEBAKER	2.8	No Model		170	L 6	55-60
1556227	STUDEBAKER	2.8	No Model		170	L 6	55-60
1556228	STUDEBAKER	2.8	No Model		170	L 6	55-60
1558929	CHRYSLER	4.8	No Model	A/J	290	V 8	66-69
1561495	STUDEBAKER	2.8	No Model		170	L 6	55-60
1561496	STUDEBAKER	2.8	No Model		170	L 6	55-60
158037	GM	4.7	CHIEFTAN		287	V 8	55-55
1590CM3	SUZUKI	1.6	No Model	O	97	L 4	89-95
1609110	GM	7.0	No Model	S	425	V 8	77-79
1609110	GM	7.0	No Model	T	425	V 8	77-79
160918A	OLIVER	3.8	1550	D	232	L 6	
1615255	GM	6.0	No Model	6	368	V 8	80-84
1615255	GM	6.0	No Model	9	368	V 8	80-84
1618729	CHRYSLER	4.5	BELVEDERE		277	V 8	56-57
1618864	GM	4.1	No Model	8	252	V 8	82-86
1619629	CHRYSLER	5.4	No Model	331	331	V 8	54-56
1619629	CHRYSLER	5.4	No Model	CAR	331	V 8	51-54
1619629	CHRYSLER	5.4	RAMBLER	A/J	327	V 8	57-67
1619829	CHRYSLER	5.8	CHRYSLER 300B	1	354	V 8	56-56
1619829	CHRYSLER	5.8	No Model		354	V 8	56-58
1620734	GM	6.0	No Model	6	368	V 8	80-84
1620734	GM	6.0	No Model	9	368	V 8	80-84
1625964	GM	4.1	ELDORADO	8	252	V 8	87
1625964	GM	4.1	No Model	7	252	V 8	87-88
1625964	GM	4.1	No Model	8	252	V 8	82-86
1630029	CHRYSLER	5.2	No Model	315	315	V 8	55-57
1630229	CHRYSLER	5.0	FURY		303	V 8	56-58
1632099	CHRYSLER	4.4	BELVEDERE		270	V 8	55-56
1632229	CHRYSLER	3.9	No Model	F	237	L 6	42-56
1632229	CHRYSLER	4.0	No Model		241	L 6	32-41
1632229	CHRYSLER	4.4	BELVEDERE		270	V 8	55-56
1632925	GM	4.1	ELDORADO	8	252	V 8	87

Cylinder Block Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
1632925	GM	4.1	No Model	7	252	V 8	87-88
1632925	GM	4.5	No Model	3	272	V 8	90
1632925	GM	4.5	No Model	5	272	V 8	88
1632925	GM	4.5	No Model	8	272	V 8	88-89
163466	NAVISTAR	7.8	No Model		478	V 8	56-78
1635729	CHRYSLER	4.4	BELVEDERE		270	V 8	55-56
1636629	CHRYSLER	5.4	DESOTO	330	330	V 8	56
1636629	CHRYSLER	5.4	RAMBLER	A/J	327	V 8	57-67
1636629	CHRYSLER	5.6	DESOTO	A/J 2	341	V 8	56-57
1648452	GM	4.5	No Model	8	272	V 8	88-89
1648452	GM	4.9	No Model	B	300	V 8	91-95
166425A	WHITE	4.6	2-70		283	L 6	
1673729	CHRYSLER	6.4	HEMI		392	V 8	57-58
1725963-1742998	BMW	4.0	540I	M60	242	V 8	94-95
1725970-1714212	BMW	4.0	540I	M60	242	V 8	94-95
1737629	CHRYSLER	5.9	No Model		361	V 8	80-81
1737929	CHRYSLER	5.0	FURY		303	V 8	56-58
1737929	CHRYSLER	5.4	RAMBLER	A/J	327	V 8	57-67
1739424	CHRYSLER	5.3	No Model	325	325	V 8	55-57
1739429	CHRYSLER	5.3	No Model	325	325	V 8	55-57
1739429	CHRYSLER	5.4	RAMBLER	A/J	327	V 8	57-67
1739629	CHRYSLER	5.7	No Model		350	V 8	68-71
174380	CUMMINS	5.8	V352		352	V 6	
174381	CUMMINS	5.8	V352		352	V 6	
174390	CUMMINS	5.8	V352		352	V 6	
174391	CUMMINS	5.8	V352		352	V 6	
1745871	BMW	4.0	540I	M60	242	V 8	94-95
1745872	BMW	4.0	540I	M60	242	V 8	94-95
1745873	BMW	4.0	540I	M60	242	V 8	94-95
1802330C1	NAVISTAR	7.6	DT466B	DT	466	L 6	49-76
1802330C2	NAVISTAR	7.6	DT466B	DT	466	L 6	49-76
1805440C1	FORD	6.9	No Model	1	420	V 8	83-88
1805440C1	NAVISTAR	6.9	No Model	D	420	V 8	83-88
1807996C1	FORD	6.9	No Model	1	420	V 8	83-88
1807996C1	NAVISTAR	6.9	No Model	D	420	V 8	83-88
180900	CUMMINS	14.0	NH230	NH	855	L 6	
180900	CUMMINS	14.0	NT855	NT	855	L 6	
1809000 C-1	FORD	7.3	No Model	K	444	V 8	94-95
1809000 C-1	FORD	7.3	No Model	M	444	V 8	88-94
1809000 C-3	NAVISTAR	7.3	No Model	D	444	V 8	88-94
1809000C1	FORD	7.3	No Model	M	444	V 8	88-94
1809000C1	NAVISTAR	7.3	No Model	D	444	V 8	88-94
180901	CUMMINS	14.0	NH230	NH	855	L 6	
180901	CUMMINS	14.0	NT855	NT	855	L 6	
180903	CUMMINS	14.0	NH230	NH	855	L 6	
180903	CUMMINS	14.0	NT855	NT	855	L 6	
180905	CUMMINS	14.0	NH230	NH	855	L 6	
180905	CUMMINS	14.0	NT855	NT	855	L 6	
180906	CUMMINS	14.0	NH230	NH	855	L 6	
180906	CUMMINS	14.0	NT855	NT	855	L 6	
180907	CUMMINS	14.0	NH230	NH	855	L 6	
180907	CUMMINS	14.0	NT855	NT	855	L 6	
18092223C94	FORD	7.3	No Model	M	444	V 8	88-94
18092223C94	NAVISTAR	7.3	No Model	D	444	V 8	88-94
1809223C95	FORD	7.3	No Model	K	444	V 8	94-95
1809929C3	NAVISTAR	5.9	DT360	DT	360	L 6	87-94
1810739C1	NAVISTAR	7.6	DT466B & C	B	466	L 6	80-90
1810739C1	NAVISTAR	7.6	DT466C	C	466	L 6	88-90
1814042C1	NAVISTAR	7.6	DT466C	1990	466	L 6	90-93
1818270C2	FORD	7.3	No Model	F	444	V 8	95-05
1818270C2	NAVISTAR	7.3	T444E	T444E	444	V 8	94-04

Cylinder Block Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
1820494C1	NAVISTAR	7.6	DT466E	E	466	L 6	97-99
1822835C91	FORD	7.3	No Model	F	444	V 8	95-05
1825102C91	FORD	7.3	No Model	F	444	V 8	95-05
1833198	TOYOTA	1.6	COROLLA	4AGEC	97	L 4	85-87
18370	CUMMINS	8.3	V-504	504	504	V 8	
1838258C2	FORD	6.0	TRUCK	P	365	V 8	02-05
1838258C2	NAVISTAR	4.5	V-275		275	V 6	05-06
1838258C2	NAVISTAR	6.0	V365		365	V 8	03-05
184584	CUMMINS	14.0	NH230	NH	855	L 6	
184584	CUMMINS	14.0	NT855	NT	855	L 6	
1851629	CHRYSLER	6.8	No Model		413	V 8	59-77
1851729	CHRYSLER	5.9	No Model	TRK	361	V 8	57-78
1851729	CHRYSLER	6.3	No Model		383	V 8	59-71
1851829	CHRYSLER	5.9	No Model	TRK	361	V 8	57-78
1851829	CHRYSLER	6.3	No Model		383	V 8	59-71
1852029	CHRYSLER	6.8	No Model		413	V 8	59-76
1852029	CHRYSLER	6.8	No Model		413	V 8	59-77
185220-F	WAUKESHA	3.8	VRG232		232	L 6	
1856629	CHRYSLER	5.6	DESOTO	A/J 2	341	V 8	56-57
189020	CUMMINS	12.2	NH 220 SERIES	NH	743	L 6	
189020	CUMMINS	12.2	NH 220 SERIES	NH	743	L 6	
18R-C	TOYOTA	2.0	CELICA	18R-C	120	L 4	71-74
18R-C	TOYOTA	2.0	CELICA	18R-C	120	L 4	71-74
190320-Y	OLIVER	4.3	1650		265	L 6	47-67
1905236	TOYOTA	2.4	4-RUNNER	22R-T	144	L 4	85-87
1944929	CHRYSLER	5.7	No Model		350	V 8	68-71
1944929	CHRYSLER	5.9	No Model		361	V 8	80-81
1945419	CHRYSLER	5.9	No Model		361	V 8	80-81
1945424	CHRYSLER	5.9	No Model		361	V 8	80-81
1945429	CHRYSLER	5.9	No Model		361	V 8	80-81
1945429	CHRYSLER	5.9	No Model	TRK	361	V 8	57-78
195200	GM	7.7	No Model	R	472	V 8	68-74
195200	GM	8.2	No Model		500	V 8	70-73
195200	GM	8.2	No Model	S	500	V 8	70-76
1953922	TOYOTA	2.4	4-RUNNER	22R-T	144	L 4	85-87
1970	GM	4.8	No Model	T	292	L 6	63-73
1BA	FORD	3.9	No Model		239	V 8	46-53
1CM	FORD	3.9	No Model		239	V 8	46-53
1F4900	CATERPILLAR	40.8	386		2492	V 12	
1F4900	CATERPILLAR	40.9	397		2493	V 12	
1F8528	CATERPILLAR	20.4	13000		1246	L 6	
1F8528	CATERPILLAR	20.4	D342	3	1246	L 6	
1F8528	CATERPILLAR	20.4	D8	1	1246	L 6	
1F8528	CATERPILLAR	20.4	D8	2	1246	L 6	
1F8528	CATERPILLAR	20.4	D8	4	1246	L 6	
1F9777	CATERPILLAR	13.6	7700		831	L 4	
1F9777	CATERPILLAR	13.6	8800		831	L 4	
1H5652	CATERPILLAR	8.6	D318		525	L 6	
1H5652	CATERPILLAR	8.6	D318(2)		525	L 6	
1H5766	CATERPILLAR	40.8	386		2492	V 12	
1H5766	CATERPILLAR	40.9	397		2493	V 12	
1H5767	CATERPILLAR	27.2	364		1662	V 8	
1H5767	CATERPILLAR	27.2	375		1662	V 8	
1H5768	CATERPILLAR	5.1	955		312	L 4	
1H5768	CATERPILLAR	5.1	955		312	L 4	
1M4844	CATERPILLAR	13.6	7700		831	L 4	
1M4844	CATERPILLAR	13.6	D339	1	831	L 4	
1M4844	CATERPILLAR	13.6	D339	2	831	L 4	
1M4844	CATERPILLAR	13.6	D339	3	831	L 4	
1M4844	CATERPILLAR	13.6	D339	4	831	L 4	
1M4844	CATERPILLAR	13.6	D339	5	831	L 4	

Cylinder Block Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
1M4844	CATERPILLAR	13.6	D7	1	831	L 4	
1M4844	CATERPILLAR	13.6	D7	2	831	L 4	
1M7480	CATERPILLAR	24.1	353		1473	L 6	
1M763	CATERPILLAR	12.2	D326		744	L 6	
1M763	CATERPILLAR	12.2	D337		744	L 6	
1MZFE	TOYOTA	3.0	AVALON	1MZFE	183	V 6	94-02
1N5052	CATERPILLAR	39.0	D349		2382	V 16	
1P6100	CATERPILLAR	20.4	13000		1246	L 6	
1P6100	CATERPILLAR	20.4	D342	3	1246	L 6	
1P6100	CATERPILLAR	20.4	D8	1	1246	L 6	
1P6100	CATERPILLAR	20.4	D8	2	1246	L 6	
1P6100	CATERPILLAR	20.4	D8	4	1246	L 6	
1P6924	CATERPILLAR	29.3	348		1786	V 12	
1S2460	CATERPILLAR	5.7	D330	CB	350	L 4	
1S2460	CATERPILLAR	5.7	D330	D4	350	L 4	
1S2460	CATERPILLAR	8.6	1673	CB	525	L 6	
1S2460	CATERPILLAR	8.6	D333	CB	525	L 6	
1S2460	CATERPILLAR	10.5	1673C	CB	638	L 6	
1S2460	CATERPILLAR	10.5	1673C	CB	638	L 6	
1S2460	CATERPILLAR	10.5	1673C	SP	638	L 6	
1S2460	CATERPILLAR	10.5	3306	CB	638	L 6	
1S2460	CATERPILLAR	10.5	3306	DI	638	L 6	
1S2460	CATERPILLAR	10.5	3306	SP	638	L 6	
1S2460	CATERPILLAR	10.5	3306	SP	638	L 6	
1S2460	CATERPILLAR	10.5	D333C	CB	638	L 6	
1S2460	CATERPILLAR	10.5	D333C	SP	638	L 6	
1S3263	CATERPILLAR	20.4	13000		1246	L 6	
1S3263	CATERPILLAR	20.4	D342	3	1246	L 6	
1S3263	CATERPILLAR	20.4	D8	1	1246	L 6	
1S3263	CATERPILLAR	20.4	D8	2	1246	L 6	
1S3263	CATERPILLAR	20.4	D8	4	1246	L 6	
1S6596	CATERPILLAR	19.5	D346		1191	V 8	
1S6596	CATERPILLAR	19.5	D346	1	1191	V 8	
1S6596	CATERPILLAR	29.3	D348		1786	V 12	
1S6796	CATERPILLAR	5.7	D330	CB	350	L 4	
1S6796	CATERPILLAR	5.7	D330	D4	350	L 4	
1S6797	CATERPILLAR	0.0	3400		0	L 4	
1S6797	CATERPILLAR	5.7	D330	CB	350	L 4	
1S6797	CATERPILLAR	5.7	D330	D4	350	L 4	
1S6821	CATERPILLAR	24.1	353		1473	L 6	
1S6821	CATERPILLAR	24.1	353	C/B	1473	L 6	
1S6821	CATERPILLAR	24.1	D9		1473	L 6	
1S7600	CATERPILLAR	20.4	13000		1246	L 6	
1S7600	CATERPILLAR	20.4	D342	3	1246	L 6	
1S7600	CATERPILLAR	20.4	D8	1	1246	L 6	
1S7600	CATERPILLAR	20.4	D8	2	1246	L 6	
1S7600	CATERPILLAR	20.4	D8	4	1246	L 6	
1S7602	CATERPILLAR	13.6	7700		831	L 4	
1S7602	CATERPILLAR	13.6	D339	4	831	L 4	
1S7602	CATERPILLAR	13.6	D339	5	831	L 4	
1S800	CATERPILLAR	14.6	1693		893	L 6	
1S800	CATERPILLAR	14.6	343		893	L 6	
1S800	CATERPILLAR	14.6	D343		893	L 6	
1S800	CATERPILLAR	14.6	D343	1	893	L 6	
1S800	CATERPILLAR	14.6	G343		893	L 6	
1W6997	CATERPILLAR	64.4	D399		3928	V 16	
2000300	HERCULES	2.7	G1600	F	163	L 4	
200075	MACK	8.8	MIDS 06.20.30		538	L 6	79-88
20029541	NISSAN	1.2	No Model	A12	72	L 4	72
20029541	NISSAN	1.2	No Model	A12	72	L 4	73
201941	CUMMINS	14.0	NH230	NH	855	L 6	

Cylinder Block Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
201941	CUMMINS	14.0	NT855	NT	855	L 6	
201942	CUMMINS	14.0	NH230	NH	855	L 6	
201942	CUMMINS	14.0	NT855	NT	855	L 6	
201944	CUMMINS	14.0	NH230	NH	855	L 6	
201944	CUMMINS	14.0	NT855	NT	855	L 6	
2022039	CUMMINS	9.1	TRIPLE NICKEL		555	V 8	
202322	CUMMINS	8.3	V-504	504	504	V 8	
202322	CUMMINS	9.1	TRIPLE NICKEL		555	V 8	
202322	CUMMINS	14.0	88NT	FFC	855	L 6	87-89
202322	CUMMINS	14.0	NT SERIES		855	L 6	88-91
202322	CUMMINS	14.0	NT SERIES	315	855	L 6	88-93
2030422	CHRYSLER	4.2	No Model	C	258	L 6	70-83
2030422	CHRYSLER	4.2	No Model	C	258	L 6	83-89
20322	CUMMINS	8.3	V-504	504	504	V 8	
20322	CUMMINS	9.1	TRIPLE NICKEL		555	V 8	
205001	CUMMINS	18.8	K SERIES		1150	L 6	
205001	CUMMINS	18.8	KTA	KTA	1150	L 6	
205512	CUMMINS	18.8	K SERIES		1150	L 6	
205512	CUMMINS	18.8	KTA	KTA	1150	L 6	
21000950	GM	1.9	SATURN	7	116	L 4	90-02
21007255	GM	1.9	SATURN	7	116	L 4	90-02
21007255	GM	1.9	SATURN	8	116	L 4	93-02
21007255	GM	1.9	SATURN	9	116	L 4	90-94
21008252	GM	1.9	SATURN	7	116	L 4	90-02
21008252	GM	1.9	SATURN	8	116	L 4	93-02
21008252	GM	1.9	SATURN	9	116	L 4	90-94
210181	CUMMINS	14.0	NH230	NH	855	L 6	
210181	CUMMINS	14.0	NT855	NT	855	L 6	
210182	CUMMINS	14.0	NH230	NH	855	L 6	
210182	CUMMINS	14.0	NT855	NT	855	L 6	
210183	CUMMINS	14.0	NH230	NH	855	L 6	
210183	CUMMINS	14.0	NT855	NT	855	L 6	
210184	CUMMINS	14.0	NH230	NH	855	L 6	
210184	CUMMINS	14.0	NT855	NT	855	L 6	
210185	CUMMINS	14.0	NH230	NH	855	L 6	
210185	CUMMINS	14.0	NT855	NT	855	L 6	
210186	CUMMINS	14.0	88NT	FFC	855	L 6	87-89
210187	CUMMINS	14.0	88NT	FFC	855	L 6	87-89
210188	CUMMINS	14.0	88NT	FFC	855	L 6	87-89
210189	CUMMINS	14.0	88NT	FFC	855	L 6	87-89
210-L16	NISSAN	1.6	No Model	R16	98	L 4	66-68
210-L16	NISSAN	1.6	No Model	R16	98	L 4	69-70
21126-A30	NISSAN	1.2	No Model	A12	72	L 4	72
21126-A30	NISSAN	1.2	No Model	A12	72	L 4	73
211475	CUMMINS	14.0	88NT	FFC	855	L 6	87-89
2120229	CHRYSLER	5.9	No Model	TRK	361	V 8	57-78
2120329	CHRYSLER	5.9	No Model	TRK	361	V 8	57-78
2120329	CHRYSLER	6.3	No Model		383	V 8	59-71
2120429	CHRYSLER	5.9	No Model	TRK	361	V 8	57-78
2120429	CHRYSLER	6.3	No Model		383	V 8	59-71
2120519	CHRYSLER	6.8	No Model		413	V 8	59-77
2120529	CHRYSLER	6.8	No Model		413	V 8	59-76
2120529	CHRYSLER	6.8	No Model		413	V 8	59-77
2121354	CHRYSLER	2.8	BARRACUDA		170	L 6	60-71
2121355	CHRYSLER	3.7	No Model		225	L 6	76-87
2121474	CHRYSLER	2.8	BARRACUDA		170	L 6	60-71
2128415	CHRYSLER	3.7	No Model		225	L 6	76-87
2128418	CHRYSLER	3.2	No Model	B	198	L 6	74-74
2128418	CHRYSLER	3.7	No Model		225	L 6	76-87
2128854	CHRYSLER	5.9	No Model	TRK	361	V 8	57-78
2128854	CHRYSLER	6.3	No Model		383	V 8	59-71

Cylinder Block Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
2129229	CHRYSLER	5.9	No Model		361	V 8	80-81
2129429	CHRYSLER	5.9	No Model	TRK	361	V 8	57-78
2129429	CHRYSLER	6.3	No Model		383	V 8	59-71
2129529	CHRYSLER	6.8	No Model		413	V 8	59-77
2129717	TOYOTA	2.4	4-RUNNER	22R-T	144	L 4	85-87
2-129A	CONTINENTAL	2.0	Z120		120	L 4	
2135412	GM	4.4	No Model		270	L 6	45-62
2135412	GM	4.4	No Model	J	267	V 8	79-82
213600	CUMMINS	14.8	V903		903	V 8	
214200	CUMMINS	14.0	NTC400	NTC	855	L 6	
214221	CUMMINS	14.0	NTC400	NTC	855	L 6	
214223	CUMMINS	14.0	NTC400	NTC	855	L 6	
214520R	NAVISTAR	3.6	No Model		220	L 6	50-62
214520R	NAVISTAR	3.9	BLACK DIAMOND		240	L 6	63-69
214520R1	NAVISTAR	3.6	No Model		220	L 6	50-62
214520R1	NAVISTAR	3.9	BLACK DIAMOND		240	L 6	63-69
214522R	NAVISTAR	4.3	400		264	L 6	63-74
214522R1	NAVISTAR	4.3	400		264	L 6	63-74
214674	CUMMINS	14.0	88NT	FFC	855	L 6	87-89
215720	NAVISTAR	5.9	No Model		361	L 6	49-69
215720	NAVISTAR	6.1	WD-9		372	L 6	49-69
215720	NAVISTAR	6.6	WD-9		401	L 6	49-69
215720	NAVISTAR	6.7	WD-9		406	L 6	49-69
215720	NAVISTAR	7.4	WD-9		450	L 6	49-69
215721R	NAVISTAR	8.2	No Model		501	L 6	49-69
216020	WAUKESHA	3.6	220	VR	220	L 4	
216020	WAUKESHA	3.6	220	VR(1)	220	L 4	
216811	CUMMINS	14.0	NH230	NH	855	L 6	
216811	CUMMINS	14.0	NT855	NT	855	L 6	
216812	CUMMINS	14.0	NH230	NH	855	L 6	
216812	CUMMINS	14.0	NT855	NT	855	L 6	
216813	CUMMINS	14.0	NH230	NH	855	L 6	
216813	CUMMINS	14.0	NT855	NT	855	L 6	
216814	CUMMINS	14.0	NH230	NH	855	L 6	
216814	CUMMINS	14.0	NT855	NT	855	L 6	
216815	CUMMINS	14.0	88NT	FFC	855	L 6	87-89
216816	CUMMINS	14.0	88NT	FFC	855	L 6	87-89
216817	CUMMINS	14.0	88NT	FFC	855	L 6	87-89
216818	CUMMINS	14.0	88NT	FFC	855	L 6	87-89
216819	CUMMINS	14.0	88NT	FFC	855	L 6	87-89
217020	WAUKESHA	5.4	VRG330		330	L 6	
217144	NAVISTAR	5.0	304A		304	V 8	58-80
217144R	NAVISTAR	5.0	304A		304	V 8	58-80
217144R4	NAVISTAR	5.0	304A		304	V 8	58-80
217145	NAVISTAR	4.4	U, B, BD		269	L 6	40-69
217145R2	NAVISTAR	4.3	No Model	266	266	V 8	66-71
218600	CUMMINS	14.0	NTC400	NTC	855	L 6	
218601	CUMMINS	14.0	NTC400	NTC	855	L 6	
218602	CUMMINS	14.0	NTC400	NTC	855	L 6	
218603	CUMMINS	14.0	NTC400	NTC	855	L 6	
2193980	GM	5.0	No Model	GMC	302	L 6	50-57
2194202	GM	5.0	No Model	GMC	302	L 6	50-57
2194203	GM	5.0	No Model	GMC	302	L 6	50-57
220020	WAUKESHA	2.5	155	G	155	L 4	
2202843	CHRYSLER	2.8	BARRACUDA		170	L 6	60-71
2202857	CHRYSLER	3.7	No Model		225	L 6	76-87
2202857	CHRYSLER	3.7	No Model	B	225	L 6	69-80
2202857	CHRYSLER	3.7	No Model	C	225	L 6	60-80
2202E	WAUKESHA	2.5	155	G	155	L 4	
2202E	WAUKESHA	2.5	155	GA	155	L 4	
2202E	WAUKESHA	2.5	VRG155		155	L 4	

Cylinder Block Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
2202E	WAUKESHA	2.9	176	G	176	L 4	
2205528	CHRYSLER	3.7	No Model		225	L 6	76-87
2205528	CHRYSLER	3.7	No Model	B	225	L 6	69-80
2205528	CHRYSLER	3.7	No Model	C	225	L 6	60-80
2205630	CHRYSLER	2.8	BARRACUDA		170	L 6	60-71
2205697	CHRYSLER	6.8	No Model		413	V 8	59-76
2205697	CHRYSLER	6.8	No Model		413	V 8	59-77
2205697	CHRYSLER	7.0	WEDGE		426	V 8	65-66
2205712	CHRYSLER	5.9	No Model		361	V 8	80-81
2205712	CHRYSLER	5.9	No Model	TRK	361	V 8	57-78
2206159	CHRYSLER	6.6	No Model	N	400	V 8	72-78
2-210	NISSAN	1.6	No Model	R16	98	L 4	66-68
2-210	NISSAN	1.6	No Model	R16	98	L 4	69-70
22132D	OLIVER	4.6	1650		283	L 6	
22132D	WAUKESHA	4.6	VRD283		283	L 6	
221520B	OLIVER	5.1	VRD310		310	L 6	
221520B	WAUKESHA	5.1	VRD310		310	L 6	
221520B	WAUKESHA	5.1	VRG310		310	L 6	
221620	WAUKESHA	0.0	VRD		0	L 6	
221620	WAUKESHA	4.6	VRD283		283	L 6	
221620	WHITE	4.6	2-70		283	L 6	
2224478	CHRYSLER	2.8	BARRACUDA		170	L 6	60-71
224520	NAVISTAR	3.6	No Model		220	L 6	50-62
22515671	GM	4.3	No Model	T	260	V 6	82-85
22515671	GM	4.3	No Model	V	260	V 6	82-85
22534033	GM	2.3	ACHIEVA	3	138	L 4	92-95
22534033	GM	2.3	No Model	A	138	L 4	88-95
22534033	GM	2.3	No Model	D	138	L 4	88
22534033	GM	2.3	No Model	D	138	L 4	89-94
22535788	GM	2.3	No Model	A	138	L 4	88-95
22535788	GM	2.3	No Model	D	138	L 4	88
22538061	GM	2.3	No Model	A	138	L 4	88-95
22538061	GM	2.3	No Model	D	138	L 4	88
22538061	GM	2.3	No Model	D	138	L 4	89-94
22538062	GM	2.3	No Model	D	138	L 4	89-94
22539326	GM	2.3	No Model	A	138	L 4	88-95
22539326	GM	2.3	No Model	D	138	L 4	89-94
22545442	GM	2.3	No Model	D	138	L 4	89-94
2264230	CHRYSLER	5.2	No Model	V	318	V 8	62-67
2264370	CHRYSLER	5.2	No Model	V	318	V 8	62-67
2264478	CHRYSLER	2.8	BARRACUDA		170	L 6	60-71
228202	WAUKESHA	4.6	VRD283		283	L 6	
2295528	CHRYSLER	3.7	No Model		225	L 6	76-87
22R	TOYOTA	2.4	No Model	22R	144	L 4	81-84
22REC	TOYOTA	2.4	No Model	22REC	144	L 4	85-88
22RTEC	TOYOTA	2.4	4-RUNNER	22R-T	144	L 4	85-87
231386	GM	7.5	No Model	S	455	V 8	74-76
231386	GM	7.5	No Model	T	455	V 8	74-76
231386	GM	7.5	No Model	U	455	V 8	74-74
231386	GM	7.5	No Model	V	455	V 8	74-74
231386	GM	7.5	No Model	W	455	V 8	72-75
231788L	GM	7.5	No Model	R	455	V 8	68-76
231788L	GM	7.5	No Model	S	455	V 8	74-76
231788L	GM	7.5	No Model	T	455	V 8	74-76
231788L	GM	7.5	No Model	U	455	V 8	74-74
231788L	GM	7.5	No Model	V	455	V 8	74-74
231788L	GM	7.5	No Model	W	455	V 8	72-75
2324002	GM	4.0	No Model		248	L 8	37-55
2324002	GM	4.4	No Model		270	L 6	45-62
2324003	GM	4.4	No Model		270	L 6	45-62
2324004	GM	5.0	No Model	GMC	302	L 6	50-57

Cylinder Block Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
2324004	GM	5.0	Z-28	302	302	V 8	67-69
23505874	DDC	11.1	60 SERIES		677	L 6	86-04
23519298	DDC	8.5	50 SERIES		518	L 4	92-05
235635	WAUKESHA	2.5	155	G	155	L 4	
236191R	NAVISTAR	3.6	No Model		220	L 6	50-62
236191R	NAVISTAR	3.9	BLACK DIAMOND		240	L 6	63-69
236191R	NAVISTAR	3.9	No Model	BG	241	L 6	57-67
236191R1	NAVISTAR	3.9	BLACK DIAMOND		240	L 6	63-69
236191R1	NAVISTAR	3.9	No Model	BG	241	L 6	57-67
236193R	NAVISTAR	4.3	400		264	L 6	63-74
236193R1	NAVISTAR	4.3	400		264	L 6	63-74
2367238	GM	5.0	No Model	A	305	V 6	60-75
2367298	GM	5.0	No Model	A	305	V 6	60-75
2367417	GM	5.0	No Model	A	305	V 6	60-75
2378091	GM	5.8	No Model	C	351	V 6	65-72
239GB5320B	MACK	11.0	E6		672	L 6	58-89
239GB5358B	MACK	11.0	E6		672	L 6	58-89
239GB5358B	MACK	11.0	E6-4VH		672	L 6	88-97
239GB5358C	MACK	11.0	E6-4VH		672	L 6	88-97
239GB5450PT	MACK	11.0	E6-4VH		672	L 6	88-97
2404229	GM	4.4	No Model		270	L 6	45-62
2404929	GM	4.4	No Model		270	L 6	45-62
2404929	GM	4.4	No Model	J	267	V 8	79-82
2406730	CHRYSLER	5.9	No Model	TRK	361	V 8	57-78
2406730	CHRYSLER	6.3	No Model		383	V 8	59-71
2406730	CHRYSLER	7.0	HEMI	H J R	426	V 8	66-71
2406730	CHRYSLER	7.0	WEDGE		426	V 8	65-66
2406730-1	CHRYSLER	5.9	No Model	TRK	361	V 8	57-78
2406730-1	CHRYSLER	6.3	No Model		383	V 8	59-71
240838B	FORD	2.0	TRACTORS, 2N,8N,9N,NAA	2N	120	L 4	39-54
2416582	DEUTZ	13.4	BF8L513		817	L 8	
2432230	CHRYSLER	7.0	WEDGE		426	V 8	65-66
2433430	CHRYSLER	3.7	No Model		225	L 6	76-87
24500107	GM	3.3	No Model	N	204	V 6	89-93
24500491	GM	3.3	No Model	N	204	V 6	89-93
24500498	GM	3.3	No Model	N	204	V 6	89-93
24500788	GM	3.8	No Model	1	231	V 6	92-94
24500788	GM	3.8	No Model	L	231	V 6	91-94
24502090	GM	3.3	No Model	N	204	V 6	89-93
24502134	GM	3.8	No Model	1	231	V 6	92-94
24502134	GM	3.8	No Model	L	231	V 6	91-94
24502287	GM	3.8	No Model	K	231	V 6	95-04
24502287	GM	3.8	No Model	L	231	V 6	95-01
24502441	GM	3.8	No Model	1	231	V 6	92-94
24502441	GM	3.8	No Model	1	231	V 6	95-05
24502441	GM	3.8	No Model	L	231	V 6	91-94
24502441	GM	3.8	No Model	L	231	V 6	95-01
24502504	GM	7.4	No Model	J	454	V 8	96-00
24502504	GM	7.4	No Model	N	454	V 8	91-97
24502865	GM	3.4	CUTLASS	X	207	V 6	95-97
24502865	GM	3.4	No Model	X	207	V 6	91-95
24504089	GM	3.1	No Model	J	191	V 6	00-03
24504089	GM	3.1	No Model	J	191	V 6	00-03
24504089	GM	3.1	No Model	M	191	V 6	93-99
24504089	GM	3.4	CAMARO	S	207	V 6	93-95
24504150	GM	3.1	No Model	J	191	V 6	00-03
24504150	GM	3.1	No Model	M	191	V 6	93-99
24504159	GM	3.1	No Model	J	191	V 6	00-03
24504159	GM	3.1	No Model	M	191	V 6	93-99
24506029	GM	3.8	No Model	1	231	V 6	95-05
24506029	GM	3.8	No Model	K	231	V 6	95-04

Cylinder Block Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
24506029	GM	5.7	No Model	K	350	V 8	70-75
24570377	GM	2.3	No Model	A	138	L 4	88-95
24570377	GM	2.3	No Model	D	138	L 4	89-94
24570661	GM	2.3	ACHIEVA	3	138	L 4	92-95
24570661	GM	2.3	No Model	A	138	L 4	88-95
24570661	GM	2.3	No Model	D	138	L 4	89-94
24572927	GM	2.3	ACHIEVA	3	138	L 4	92-95
24572927	GM	2.3	No Model	A	138	L 4	88-95
24572927	GM	2.3	No Model	D	138	L 4	89-94
2457325	GM	5.0	No Model	A	305	V 6	60-75
2457330	GM	7.8	No Model		478	V 6	65-77
24574250	GM	2.4	ACHIEVA	T	146	L 4	96-02
24574400	GM	2.3	No Model	A	138	L 4	88-95
24574400	GM	2.3	No Model	D	138	L 4	94-95
24574521	GM	2.2	CAVALIER	4	134	L 4	94-97
24575396	GM	2.2	CAVALIER	4	134	L 4	91-94
24575396	GM	2.2	CAVALIER	4	134	L 4	94-97
24575783	GM	2.4	ACHIEVA	T	146	L 4	96-02
24576035	GM	2.2	CAVALIER	4	134	L 4	94-97
2463230	CHRYSLER	2.8	BARRACUDA		170	L 6	60-71
2463360	CHRYSLER	4.5	No Model	273	273	V 8	62-69
2463430	CHRYSLER	3.2	No Model	B	198	L 6	74-74
2463430	CHRYSLER	3.7	No Model		225	L 6	76-87
2463430	CHRYSLER	3.7	No Model	B	225	L 6	69-80
2463430	CHRYSLER	3.7	No Model	C	225	L 6	60-80
2463440	CHRYSLER	3.7	No Model	H	225	L 6	82-87
2463930	CHRYSLER	4.5	No Model	273	273	V 8	62-69
2463930	CHRYSLER	5.2	No Model	V	318	V 8	62-67
2464479	CHRYSLER	3.7	No Model		225	L 6	76-87
2464779	CHRYSLER	3.2	No Model	B	198	L 6	74-74
2465330	CHRYSLER	4.5	No Model	273	273	V 8	62-69
2465330-2	CHRYSLER	4.5	No Model	273	273	V 8	62-69
2465330-3	CHRYSLER	4.5	No Model	273	273	V 8	62-69
246576	GM	5.8	No Model	C	351	V 6	65-72
2466090	CHRYSLER	5.2	No Model	G	318	V 8	69-76
2468030	CHRYSLER	6.8	No Model		413	V 8	59-76
2468030	CHRYSLER	6.8	No Model		413	V 8	59-77
2468130	CHRYSLER	5.9	No Model	TRK	361	V 8	57-78
2468130	CHRYSLER	6.3	No Model		383	V 8	59-71
2468230	CHRYSLER	5.2	No Model	V	318	V 8	62-67
2468230	CHRYSLER	5.2	No Model	V	318	V 8	62-67
2468330	CHRYSLER	7.0	HEMI	H J R	426	V 8	66-71
2476565	GM	5.0	No Model	A	305	V 6	60-75
2476575	GM	5.0	No Model	A	305	V 6	60-75
2476578	GM	5.8	No Model	C	351	V 6	65-72
2476580	GM	7.8	No Model		478	V 6	65-77
24904	KOHLER	1.1	L654		65	L 4	
250169R	NAVISTAR	1.9	No Model		113	L 4	37-40
2504003	MERCEDES BENZ	5.7	OM352	352	346	L 6	
2504003	MERCEDES BENZ	5.7	OM352A		346	L 6	
2513141R	NAVISTAR	1.0	U & UC		60	L 4	
251341R6	NAVISTAR	1.0	U & UC		60	L 4	
251341R7	NAVISTAR	1.0	U & UC		60	L 4	
2531902	CHRYSLER	5.6	No Model		340	V 8	68-73
2532130	CHRYSLER	5.9	No Model		361	V 8	80-81
2532130	CHRYSLER	5.9	No Model	TRK	361	V 8	57-78
2532630	CHRYSLER	5.2	No Model	V	318	V 8	62-67
2532630-318	CHRYSLER	5.2	No Model	V	318	V 8	62-67
2536030	CHRYSLER	5.2	No Model	G	318	V 8	69-76
2536030-318	CHRYSLER	5.2	No Model	G	318	V 8	69-76
2536130	CHRYSLER	4.5	No Model	273	273	V 8	62-69

Cylinder Block Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
2536430	CHRYSLER	7.2	No Model	T	440	V 8	66-73
2536430-10	CHRYSLER	7.2	No Model		440	V 8	76-76
2536430-7	CHRYSLER	7.2	No Model		440	V 8	76-76
2536440	CHRYSLER	7.2	No Model		440	V 8	76-76
254475R2	NAVISTAR	11.3	No Model		691	L 6	
2547328	GM	5.8	No Model	C	351	V 6	65-72
255	NISSAN	1.6	No Model	R16	98	L 4	66-68
255	NISSAN	1.6	No Model	R16	98	L 4	69-70
25500498	GM	3.3	No Model	N	204	V 6	89-93
25504744	GM	5.7	No Model	H	350	V 8	68-74
25504744	GM	5.7	No Model	H	350	V 8	73-77
25504744	GM	5.7	No Model	J	350	V 8	75-77
25504744	GM	5.7	No Model	L	350	V 8	77-82
25504744	GM	5.7	No Model	X	350	V 8	77-80
25505553	GM	4.1	No Model	4	252	V 6	80-81
25505553	GM	4.1	No Model	4	252	V 6	82-84
25505554	GM	3.8	No Model	2	231	V 6	78
25505554	GM	3.8	No Model	2	231	V 6	79
25505554	GM	3.8	No Model	3	231	V 6	78-81
25505554	GM	3.8	No Model	3	231	V 6	82
25505554	GM	3.8	No Model	3	231	V 6	85-86
25505554	GM	3.8	No Model	8	231	V 6	83
25505554	GM	3.8	No Model	9	229	V 6	83-84
25505554	GM	3.8	No Model	9	231	V 6	84-85
25505554	GM	3.8	No Model	A	231	V 6	78-81
25505554	GM	3.8	No Model	A	231	V 6	82
25505554	GM	3.8	No Model	A	231	V 6	83-87
25505554	GM	3.8	No Model	K	229	V 6	80-82
25506391	GM	3.8	No Model	3	231	V 6	78-81
25506391	GM	3.8	No Model	A	231	V 6	78-81
25506391	GM	3.8	No Model	A	231	V 6	82
25506397	GM	3.8	No Model	2	231	V 6	78
25506397	GM	3.8	No Model	2	231	V 6	79
25506397	GM	3.8	No Model	3	231	V 6	78-81
25506397	GM	3.8	No Model	3	231	V 6	82
25506397	GM	3.8	No Model	3	231	V 6	85-86
25506397	GM	3.8	No Model	8	231	V 6	83
25506397	GM	3.8	No Model	9	229	V 6	83-84
25506397	GM	3.8	No Model	9	231	V 6	84-85
25506397	GM	3.8	No Model	A	231	V 6	78-81
25506397	GM	3.8	No Model	A	231	V 6	82
25506397	GM	3.8	No Model	A	231	V 6	83-87
25506397	GM	3.8	No Model	K	229	V 6	80-82
25506484	GM	4.1	No Model	4	252	V 6	80-81
25506484	GM	4.1	No Model	4	252	V 6	82-84
25506485	GM	3.8	No Model	3	231	V 6	78-81
25506485	GM	3.8	No Model	8	231	V 6	83
25506485	GM	3.8	No Model	A	231	V 6	78-81
25506485	GM	3.8	No Model	A	231	V 6	82
25506485	GM	3.8	No Model	A	231	V 6	83-87
25506818	GM	3.8	No Model	2	231	V 6	78
25506818	GM	3.8	No Model	2	231	V 6	79
25506818	GM	3.8	No Model	3	231	V 6	78-81
25506818	GM	3.8	No Model	3	231	V 6	82
25506818	GM	3.8	No Model	3	231	V 6	85-86
25506818	GM	3.8	No Model	8	231	V 6	83
25506818	GM	3.8	No Model	9	229	V 6	83-84
25506818	GM	3.8	No Model	9	231	V 6	84-85
25506818	GM	3.8	No Model	A	231	V 6	78-81
25506818	GM	3.8	No Model	A	231	V 6	82
25506818	GM	3.8	No Model	A	231	V 6	83-87

Cylinder Block Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
25506818	GM	3.8	No Model	K	229	V 6	80-82
25508266	GM	3.0	No Model	E	181	V 6	82-85
25512617	GM	3.8	No Model	3	231	V 6	84-86
25512617	GM	3.8	No Model	3	231	V 6	85-86
25514141	GM	3.0	No Model	E	181	V 6	82-85
25514290	GM	3.8	No Model	2	231	V 6	78
25514290	GM	3.8	No Model	2	231	V 6	79
25514290	GM	3.8	No Model	3	231	V 6	78-81
25514290	GM	3.8	No Model	3	231	V 6	82
25514290	GM	3.8	No Model	3	231	V 6	85-86
25514290	GM	3.8	No Model	8	231	V 6	83
25514290	GM	3.8	No Model	9	229	V 6	83-84
25514290	GM	3.8	No Model	9	231	V 6	84-85
25514290	GM	3.8	No Model	A	231	V 6	78-81
25514290	GM	3.8	No Model	A	231	V 6	82
25514290	GM	3.8	No Model	A	231	V 6	83-87
25514290	GM	3.8	No Model	K	229	V 6	80-82
25514291	GM	4.1	No Model	4	252	V 6	80-81
25514291	GM	4.1	No Model	4	252	V 6	82-84
25514292	GM	3.0	No Model	E	181	V 6	82-85
25516109	GM	3.8	GRAND NATIONAL	7	231	V 6	86-88
25516109	GM	3.8	No Model	3	231	V 6	87-88
25516109	GM	3.8	No Model	C	231	V 6	88
25518601	GM	3.8	No Model	3	231	V 6	78-81
25518601	GM	3.8	No Model	8	231	V 6	83
25518601	GM	3.8	No Model	A	231	V 6	78-81
25518601	GM	3.8	No Model	A	231	V 6	82
25518601	GM	3.8	No Model	A	231	V 6	83-87
25518603	GM	3.8	No Model	9	231	V 6	84-85
25518605	GM	3.0	No Model	E	181	V 6	82-85
25520040	GM	3.8	No Model	9	231	V 6	84-85
25520040	GM	3.8	No Model	A	231	V 6	78-81
25520040	GM	3.8	No Model	A	231	V 6	82
25520040	GM	3.8	No Model	A	231	V 6	83-87
25520041	GM	3.0	No Model	E	181	V 6	82-85
25520042	GM	3.8	No Model	9	231	V 6	84-85
25520043	GM	3.8	No Model	3	231	V 6	84-86
25520043	GM	3.8	No Model	3	231	V 6	85-86
25520043	GM	3.8	No Model	9	229	V 6	83-84
25520043	GM	3.8	No Model	9	231	V 6	84-85
25520043	GM	3.8	No Model	A	231	V 6	83-87
25520044	GM	4.1	No Model	4	252	V 6	80-81
25520044	GM	4.1	No Model	4	252	V 6	82-84
25520231	GM	3.8	No Model	9	231	V 6	84-85
25520329	GM	3.8	No Model	2	231	V 6	78
25520329	GM	3.8	No Model	2	231	V 6	79
25520329	GM	3.8	No Model	3	231	V 6	78-81
25520329	GM	3.8	No Model	3	231	V 6	82
25520329	GM	3.8	No Model	3	231	V 6	85-86
25520329	GM	3.8	No Model	8	231	V 6	83
25520329	GM	3.8	No Model	9	229	V 6	83-84
25520329	GM	3.8	No Model	9	231	V 6	84-85
25520329	GM	3.8	No Model	A	231	V 6	78-81
25520329	GM	3.8	No Model	A	231	V 6	82
25520329	GM	3.8	No Model	A	231	V 6	83-87
25520329	GM	3.8	No Model	K	229	V 6	80-82
25520333	GM	3.8	No Model	3	231	V 6	84-86
25520333	GM	3.8	No Model	3	231	V 6	85-86
25521362	GM	3.0	No Model	L	181	V 6	85-86
25522646	GM	3.8	No Model	3	231	V 6	87-88
25522646	GM	3.8	No Model	C	231	V 6	88

Cylinder Block Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
25522646	GM	3.8	No Model	C	231	V 6	88-91
25523214	GM	3.0	No Model	L	181	V 6	85-86
25523244	GM	3.0	No Model	L	181	V 6	85-86
25523686	GM	3.0	No Model	L	181	V 6	85-86
25524139	GM	3.8	GRAND NATIONAL	7	231	V 6	86-88
25524139	GM	3.8	No Model	3	231	V 6	84-86
25524139	GM	3.8	No Model	3	231	V 6	85-86
25524139	GM	3.8	No Model	9	229	V 6	83-84
25524139	GM	3.8	No Model	9	231	V 6	84-85
25524139	GM	3.8	No Model	A	231	V 6	83-87
25524139	GM	3.8	No Model	B	231	V 6	86-87
25524140	GM	3.8	GRAND NATIONAL	7	231	V 6	86-88
25524140	GM	3.8	No Model	3	231	V 6	85-86
25524140	GM	3.8	No Model	3	231	V 6	87-88
25524140	GM	3.8	No Model	9	229	V 6	83-84
25524140	GM	3.8	No Model	9	231	V 6	84-85
25524140	GM	3.8	No Model	A	231	V 6	83-87
25524141	GM	3.0	No Model	E	181	V 6	82-85
2552440	GM	3.8	No Model	2	231	V 6	78
2552440	GM	3.8	No Model	2	231	V 6	79
2552440	GM	3.8	No Model	3	231	V 6	78-81
2552440	GM	3.8	No Model	3	231	V 6	82
2552440	GM	3.8	No Model	3	231	V 6	85-86
2552440	GM	3.8	No Model	8	231	V 6	83
2552440	GM	3.8	No Model	9	229	V 6	83-84
2552440	GM	3.8	No Model	9	231	V 6	84-85
2552440	GM	3.8	No Model	A	231	V 6	78-81
2552440	GM	3.8	No Model	A	231	V 6	82
2552440	GM	3.8	No Model	A	231	V 6	83-87
2552440	GM	3.8	No Model	K	229	V 6	80-82
25525932	GM	3.0	No Model	L	181	V 6	85-86
25525932	GM	3.0	No Model	L	181	V 6	87-88
25526109	GM	3.8	GRAND NATIONAL	7	231	V 6	86-88
25526109	GM	3.8	No Model	3	231	V 6	85-86
25526109	GM	3.8	No Model	3	231	V 6	87-88
25526109	GM	3.8	No Model	9	231	V 6	84-85
25526109	GM	3.8	No Model	9	231	V 6	84-85
25526109	GM	3.8	No Model	A	231	V 6	83-87
25526109	GM	3.8	No Model	B	231	V 6	86-87
25526109	GM	3.8	No Model	C	231	V 6	88
25526110	GM	3.8	GRAND NATIONAL	7	231	V 6	86-88
25526110	GM	3.8	No Model	3	231	V 6	85-86
25526110	GM	3.8	No Model	B	231	V 6	86-87
25526111	GM	3.8	GRAND NATIONAL	7	231	V 6	86-88
25526111	GM	3.8	No Model	3	231	V 6	85-86
25526111	GM	3.8	No Model	3	231	V 6	87-88
25526111	GM	3.8	No Model	B	231	V 6	86-87
25526111	GM	3.8	No Model	C	231	V 6	88
25528801	GM	3.8	GRAND NATIONAL	7	231	V 6	86-88
25528801	GM	3.8	No Model	3	231	V 6	85-86
25528801	GM	3.8	No Model	3	231	V 6	87-88
25528801	GM	3.8	No Model	B	231	V 6	86-87
25528801	GM	3.8	No Model	C	231	V 6	88
25529682	GM	3.0	No Model	L	181	V 6	85-86
25529682	GM	3.0	No Model	L	181	V 6	87-88
25529898	GM	3.8	GRAND NATIONAL	7	231	V 6	86-88
25529898	GM	3.8	No Model	3	231	V 6	85-86
25529898	GM	3.8	No Model	3	231	V 6	87-88
25529898	GM	3.8	No Model	B	231	V 6	86-87
25529898	GM	3.8	No Model	C	231	V 6	88
25531617	GM	3.8	No Model	3	231	V 6	87-88

Cylinder Block Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
25531617	GM	3.8	No Model	C	231	V 6	88
25531617	GM	3.8	No Model	C	231	V 6	88-91
25532062	GM	3.3	No Model	N	204	V 6	89-93
25532674	GM	3.8	No Model	1	231	V 6	92-94
25532674	GM	3.8	No Model	C	231	V 6	88-91
25532674	GM	3.8	No Model	L	231	V 6	91-94
25534816	GM	3.3	No Model	N	204	V 6	89-93
25545690	GM	2.3	No Model	D	138	L 4	89-94
25582062	GM	3.3	No Model	N	204	V 6	89-93
2566080	CHRYSLER	5.2	No Model	G	318	V 8	69-76
2576578	GM	5.8	No Model	C	351	V 6	65-72
260030	CHRYSLER	3.9	No Model	F	237	L 6	42-56
26012	TOYOTA	1.6	COROLLA	2T-C	97	L 4	71-79
26016	TOYOTA	1.6	COROLLA	2T-C	97	L 4	71-79
2614230	CHRYSLER	6.6	No Model	N	400	V 8	72-78
2658836	CHRYSLER	6.8	No Model		413	V 8	59-77
2658836	CHRYSLER	7.0	HEMI	H J R	426	V 8	66-71
2658836	CHRYSLER	7.0	HEMI	IND	426	V 8	71-77
2658930	CHRYSLER	5.9	No Model		361	V 8	80-81
2658930	CHRYSLER	5.9	No Model	TRK	361	V 8	57-78
2663440	CHRYSLER	3.7	No Model		225	L 6	76-87
2664230	CHRYSLER	5.2	No Model	V	318	V 8	62-67
2670	GM	1.8	No Model	J	112	L 4	84-87
2670	GM	1.8	No Model	O	112	L 4	82-87
2737E-A	FORD	1.1	KSG 1.1		67	L 4	93-98
2737E-A	FORD	1.6	INDUSTRIAL		98	L 4	78-93
2737E-A	FORD	1.6	KSG 1.6		98	L 4	78-96
2737E-A	FORD	1.6	PINTO,CAPRI	W	98	L 4	70-73
2737E-A	FORD	1.6	PINTO,FESTIVA		98	L 4	76-80
27630218	TOYOTA	1.3	STARLETT	4K-C	79	L 4	81-82
27678	GM	3.0	No Model	IND	181	L 4	74-93
27678	MERCURISER	3.0	No Model	IND	181	L 4	74-93
2769040	GM	2.5	No Model	IND	153	L 4	62-80
2769040	MERCURISER	2.5	No Model	IND	153	L 4	62-80
27700104	GM	3.0	No Model	IND	181	L 4	74-93
27700104	MERCURISER	3.0	No Model	IND	181	L 4	74-93
2770087	GM	3.0	No Model	IND	181	L 4	74-93
2770087	MERCURISER	3.0	No Model	IND	181	L 4	74-93
2775	CHRYSLER	3.7	No Model		225	L 6	76-87
2775	CHRYSLER	3.7	No Model	B	225	L 6	69-80
2775	CHRYSLER	3.7	No Model	C	225	L 6	60-80
2775308	GM	4.1	No Model	D	250	L 6	77-78
2775308	GM	4.1	No Model	Q	250	L 6	66-75
2780340	CHRYSLER	5.6	No Model		340	V 8	68-73
2780676	CHRYSLER	7.0	HEMI	H J R	426	V 8	66-71
2780930	CHRYSLER	5.6	No Model		340	V 8	68-73
2780930-340	CHRYSLER	5.6	No Model		340	V 8	68-73
278262R	NAVISTAR	4.6	560	D	282	L 6	
278262R5	NAVISTAR	4.6	560	D	282	L 6	
27887	CASE	5.9	2096	B	359	L 6	85-93
27887	CHRYSLER	5.9	No Model	8	359	L 6	89-97
27887	CHRYSLER	5.9	No Model	C	359	L 6	94-96
27887	CHRYSLER	5.9	No Model	D	359	L 6	97-98
279032C5	NAVISTAR	9.0	1468	DV	550	V 8	
2806030	CHRYSLER	4.5	No Model	273	273	V 8	62-69
2806030	CHRYSLER	5.2	No Model	G	318	V 8	69-76
2806830	CHRYSLER	3.2	No Model	B	198	L 6	74-74
2806830	CHRYSLER	3.7	No Model		225	L 6	76-87
2806830	CHRYSLER	3.7	No Model	B	225	L 6	69-80
2806830	CHRYSLER	3.7	No Model	C	225	L 6	60-80
2806830	CHRYSLER	3.7	No Model	H	225	L 6	82-87

Cylinder Block Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
2849449	GM	2.5	No Model	IND	153	L 4	62-80
2849449	MERCURISER	2.5	No Model	IND	153	L 4	62-80
2858836	CHRYSLER	6.8	No Model		413	V 8	59-77
2865836	CHRYSLER	6.8	No Model		413	V 8	59-77
2870556E	CHRYSLER	7.2	No Model		440	V 8	76-76
289244D	GM	7.0	No Model	O	425	V 8	65-67
289890	GM	4.8	No Model	T	292	L 6	63-73
2899830	CHRYSLER	5.9	No Model	TRK	361	V 8	57-78
2929	GM	6.5	No Model	F	397	V 8	92-00
2951521	CHRYSLER	5.6	No Model		340	V 8	68-73
2951623	CHRYSLER	7.0	HEMI	H J R	426	V 8	66-71
2951979	CHRYSLER	3.2	No Model	B	198	L 6	74-74
295369	UNIVERSAL	1.1	ATOMIC FOUR		64	L 4	
2A3421	CATERPILLAR	1.4	STARTING MOTOR		83	L 2	
2B-6488	CATERPILLAR	16.3	No Model		992	L 6	
2B8304	JOHN DEERE	0.9	3TNA72		54	L 3	
2B8304	YANMAR	0.9	3TNA72		54	L 3	
2G	FORD	3.7	No Model	1	226	L 6	41-47
2M8100	CATERPILLAR	20.4	13000		1246	L 6	
2M8100	CATERPILLAR	20.4	D342	3	1246	L 6	
2M8100	CATERPILLAR	20.4	D8	1	1246	L 6	
2M8100	CATERPILLAR	20.4	D8	2	1246	L 6	
2M8100	CATERPILLAR	20.4	D8	4	1246	L 6	
2N6250B	FORD	2.0	TRACTORS, 2N,8N,9N,NAA	2N	120	L 4	39-54
2N8100	CATERPILLAR	29.3	348		1786	V 12	
2P902	CATERPILLAR	20.4	13000		1246	L 6	
2P902	CATERPILLAR	20.4	D342	3	1246	L 6	
2P902	CATERPILLAR	20.4	D8	1	1246	L 6	
2P902	CATERPILLAR	20.4	D8	2	1246	L 6	
2P902	CATERPILLAR	20.4	D8	4	1246	L 6	
2P960	CATERPILLAR	8.6	1673	CB	525	L 6	
2P960	CATERPILLAR	8.6	D333	CB	525	L 6	
2P960	CATERPILLAR	10.5	1673C	CB	638	L 6	
2P960	CATERPILLAR	10.5	1673C	CB	638	L 6	
2P960	CATERPILLAR	10.5	1673C	SP	638	L 6	
2P960	CATERPILLAR	10.5	3306	CB	638	L 6	
2P960	CATERPILLAR	10.5	3306	DI	638	L 6	
2P960	CATERPILLAR	10.5	3306	SP	638	L 6	
2P960	CATERPILLAR	10.5	3306	SP	638	L 6	
2P960	CATERPILLAR	10.5	D333C	CB	638	L 6	
2P960	CATERPILLAR	10.5	D333C	SP	638	L 6	
2RZFE	TOYOTA	2.4	TACOMA	L	148	L 4	96-04
2S1800	CATERPILLAR	14.6	343		893	L 6	
2S5169	CATERPILLAR	11.5	1676		700	V 8	
2S5169	CATERPILLAR	11.5	D336		700	V 8	
2S800	CATERPILLAR	14.6	1693		893	L 6	
2S800	CATERPILLAR	14.6	D343		893	L 6	
2S800	CATERPILLAR	14.6	D343	1	893	L 6	
2S800	CATERPILLAR	14.6	G343		893	L 6	
2S840	CATERPILLAR	24.1	353		1473	L 6	
2S8888	CATERPILLAR	8.6	1673	CB	525	L 6	
2S8888	CATERPILLAR	8.6	D333	CB	525	L 6	
2S8888	CATERPILLAR	10.5	1673C	CB	638	L 6	
2S8888	CATERPILLAR	10.5	1673C	CB	638	L 6	
2S8888	CATERPILLAR	10.5	1673C	SP	638	L 6	
2S8888	CATERPILLAR	10.5	3306	CB	638	L 6	
2S8888	CATERPILLAR	10.5	3306	DI	638	L 6	
2S8888	CATERPILLAR	10.5	3306	SP	638	L 6	
2S8888	CATERPILLAR	10.5	3306	SP	638	L 6	
2S8888	CATERPILLAR	10.5	D333C	CB	638	L 6	
2S8888	CATERPILLAR	10.5	D333C	SP	638	L 6	

Cylinder Block Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
2SELC	TOYOTA	2.0	CAMRY	2SELC	122	L 4	83-86
2T	TOYOTA	1.6	COROLLA	2T-C	97	L 4	71-79
2TZFE	TOYOTA	2.4	PREVIA	2TZFE	146	L 4	91-97
2VZFE	TOYOTA	2.5	CAMRY	2VZFE	153	V 6	88-92
2W8122	CATERPILLAR	10.4	3208	TURBO	636	V 8	87-92
2YA	FORD	7.5	No Model	A	460	V 8	68-73
2YA	FORD	7.5	No Model	A	460	V 8	74-78
2YA	FORD	7.5	No Model	C	460	V 8	74-77
2YA	FORD	7.5	No Model	C	460	V 8	75-76
2YA	FORD	7.5	No Model	C	460	V 8	78
3/4400C228	CONTINENTAL	1.5	91	Y	91	L 4	
3001670	CUMMINS	14.0	88NT	FFC	855	L 6	87-89
3001700	CUMMINS	18.8	K SERIES		1150	L 6	
3001823	CUMMINS	14.0	88NT	FFC	855	L 6	87-89
3002671	CUMMINS	14.0	88NT	FFC	855	L 6	87-89
3005860	CUMMINS	18.8	K SERIES		1150	L 6	
3007930	CUMMINS	12.2	NH 220 SERIES	NH	743	L 6	
3007930	CUMMINS	14.0	88NT	FFC	855	L 6	87-89
3007930	CUMMINS	14.0	NT SERIES		855	L 6	88-91
3007930	CUMMINS	14.0	NT SERIES	315	855	L 6	88-93
3007931	CUMMINS	12.2	NH 220 SERIES	NH	743	L 6	
3007931	CUMMINS	14.0	88NT	FFC	855	L 6	87-89
3007931	CUMMINS	14.0	NT SERIES		855	L 6	88-91
3007931	CUMMINS	14.0	NT SERIES	315	855	L 6	88-93
3007932	CUMMINS	14.0	NH230	NH	855	L 6	
3007932	CUMMINS	14.0	NT855	NT	855	L 6	
3007933	CUMMINS	14.0	NH230	NH	855	L 6	
3007933	CUMMINS	14.0	NT855	NT	855	L 6	
3007934	CUMMINS	14.0	NH230	NH	855	L 6	
3007934	CUMMINS	14.0	NT855	NT	855	L 6	
3007935	CUMMINS	14.0	88NT	FFC	855	L 6	87-89
3007936	CUMMINS	14.0	88NT	FFC	855	L 6	87-89
3007937	CUMMINS	14.0	88NT	FFC	855	L 6	87-89
3007938	CUMMINS	14.0	88NT	FFC	855	L 6	87-89
3007938	CUMMINS	14.0	NT SERIES		855	L 6	88-91
3007938	CUMMINS	14.0	NT SERIES	315	855	L 6	88-93
3007939	CUMMINS	14.0	88NT	FFC	855	L 6	87-89
3007940	CUMMINS	14.0	88NT	FFC	855	L 6	87-89
3007941	CUMMINS	14.0	88NT	FFC	855	L 6	87-89
3009681	CUMMINS	28.0	V1710	V12	1710	V 12	
3009681	CUMMINS	28.0	VT1710	VTA	1710	V 12	
3011940	CUMMINS	14.0	NTC400	NTC	855	L 6	
3011941	CUMMINS	14.0	NTC400	NTC	855	L 6	
3011942	CUMMINS	14.0	NTC400	NTC	855	L 6	
3011943	CUMMINS	14.0	NTC400	NTC	855	L 6	
3011944	CUMMINS	14.0	NTC400	NTC	855	L 6	
3011945	CUMMINS	14.0	NTC400	NTC	855	L 6	
3013063	CUMMINS	8.3	V-504	504	504	V 8	
3013063	CUMMINS	9.1	TRIPLE NICKEL		555	V 8	
3013630	CUMMINS	14.0	88NT	FFC	855	L 6	87-89
3013630	CUMMINS	14.0	NTC400	NTC	855	L 6	
3013631	CUMMINS	14.0	NTC400	NTC	855	L 6	
3013632	CUMMINS	14.0	NTC400	NTC	855	L 6	
3013633	CUMMINS	14.0	NTC400	NTC	855	L 6	
3013634	CUMMINS	14.0	NTC400	NTC	855	L 6	
3013635	CUMMINS	14.0	NTC400	NTC	855	L 6	
3016292	CUMMINS	18.8	K SERIES		1150	L 6	
3028130	CUMMINS	18.8	K SERIES		1150	L 6	
3031150	CUMMINS	14.0	NTC400	NTC	855	L 6	
3031151	CUMMINS	14.0	NTC400	NTC	855	L 6	
3031152	CUMMINS	14.0	NTC400	NTC	855	L 6	

Cylinder Block Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
3031153	CUMMINS	14.0	NTC400	NTC	855	L 6	
3031154	CUMMINS	14.0	NTC400	NTC	855	L 6	
3031158	CUMMINS	14.0	NTC400	NTC	855	L 6	
3031261	CUMMINS	14.0	NH230	NH	855	L 6	
3031261	CUMMINS	14.0	NT855	NT	855	L 6	
3031262	CUMMINS	14.0	NH230	NH	855	L 6	
3031262	CUMMINS	14.0	NT855	NT	855	L 6	
3031263	CUMMINS	14.0	NH230	NH	855	L 6	
3031263	CUMMINS	14.0	NT855	NT	855	L 6	
3031264	CUMMINS	14.0	NH230	NH	855	L 6	
3031264	CUMMINS	14.0	NT855	NT	855	L 6	
3031265	CUMMINS	14.0	88NT	FFC	855	L 6	87-89
3031267	CUMMINS	14.0	88NT	FFC	855	L 6	87-89
3031268	CUMMINS	14.0	88NT	FFC	855	L 6	87-89
3031269	CUMMINS	14.0	88NT	FFC	855	L 6	87-89
3031270	CUMMINS	14.0	88NT	FFC	855	L 6	87-89
3039185	CUMMINS	10.0	L10		611	L 6	85-90
3039185	CUMMINS	10.0	L10	91->	611	L 6	91-96
3040912R	NAVISTAR	2.5	2424	D	154	L 4	
3040912R4	NAVISTAR	2.5	2424	D	154	L 4	
3042069R2	NAVISTAR	2.5	2424	D	154	L 4	
3044515	CUMMINS	18.8	K SERIES		1150	L 6	
3049440	CUMMINS	14.0	NTC400	NTC	855	L 6	
3049449	CUMMINS	14.0	NTC400	NTC	855	L 6	
305380	TRIUMPH	1.1	No Model		70	L 4	62-64
3055001R	NAVISTAR	2.9	454		179	L 3	
3055003R3	NAVISTAR	2.5	385	D155	155	L 3	
3055003R3	NAVISTAR	3.9	544	D239	239	L 4	
3055003R3	NAVISTAR	4.0	784	D-246	246	L 4	
3055004R2	NAVISTAR	5.1	706	D-310	310	L 6	
305500R3	NAVISTAR	2.9	454		179	L 3	
3066210	CUMMINS	14.0	N14	N14	855	L 6	91-00
3066210	CUMMINS	14.0	N14	N14	855	L 6	91-00
307553	TRIUMPH	1.5	No Model	FH	91	L 4	73-80
307553	TRIUMPH	1.5	No Model	FM	91	L 4	73-80
3081210	CUMMINS	14.0	N14	N14	855	L 6	91-00
309507	NAVISTAR	5.7	No Model		345	V 8	76-81
310229-2	CHRYSLER	3.1	No Model		190	L 6	28-32
310372	FORD	2.8	No Model	G	172	L 4	53-80
31224K2	NISSAN	4.2	TD42T		254	L 6	90-99
3125424	DDC	0.9	53		53	L 3	
3125424	DDC	3.5	4-53		212	L 4	
3136316R1	NAVISTAR	3.9	544	D239	239	L 4	
3144694R1	NAVISTAR	4.4	510B	D	268	L 4	75-85
3144694R4	NAVISTAR	4.4	510B	D	268	L 4	75-85
3144775	CHRYSLER	3.2	No Model	A/J	196	L 6	53-65
3144932	CHRYSLER	5.4	RAMBLER	A/J	327	V 8	57-67
3147230	CHRYSLER	5.4	RAMBLER	A/J	327	V 8	57-67
3149731	CHRYSLER	3.2	No Model	A/J	196	L 6	53-65
3153044	CHRYSLER	5.4	RAMBLER	A/J	327	V 8	57-67
3153055	CHRYSLER	5.4	RAMBLER	A/J	327	V 8	57-67
3153077	CHRYSLER	4.1	No Model	A/J	250	V 8	56-61
3153677	CHRYSLER	5.4	RAMBLER	A/J	327	V 8	57-67
3154150	CHRYSLER	3.2	No Model	A/J	196	L 6	53-65
3158550	CHRYSLER	3.2	No Model	A/J	196	L 6	53-65
3158551	CHRYSLER	3.2	No Model	A/J	196	L 6	53-65
3160132	CHRYSLER	3.2	No Model	A/J	196	L 6	53-65
3160133	CHRYSLER	3.2	No Model	A/J	196	L 6	53-65
3161-5A	GM	5.0	No Model	Y	307	V 8	81-88
316275	NAVISTAR	3.6	No Model		220	L 6	50-62
316275	NAVISTAR	3.9	BLACK DIAMOND		240	L 6	63-69

Cylinder Block Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
316275R	NAVISTAR	3.6	No Model		220	L 6	50-62
316275R	NAVISTAR	3.9	BLACK DIAMOND		240	L 6	63-69
316276R	NAVISTAR	3.9	BLACK DIAMOND		240	L 6	63-69
316277R	NAVISTAR	4.3	400		264	L 6	63-74
316277R1	NAVISTAR	4.3	400		264	L 6	63-74
3164465	CHRYSLER	3.2	No Model	A/J	196	L 6	53-65
3166463	CHRYSLER	5.4	RAMBLER	A/J	327	V 8	57-67
3166465	CHRYSLER	3.2	No Model	A/J	196	L 6	53-65
3167036	CHRYSLER	3.2	No Model	A/J	196	L 6	53-65
3168A2	WHITE	6.5	200A		400	L 6	
3169674	CHRYSLER	3.2	No Model	A/J	196	L 6	53-65
3169824	CHRYSLER	4.7	No Model	A/J	287	V 8	63-66
3170721	CHRYSLER	3.3	No Model	A/J	199	L 6	65-70
3170721	CHRYSLER	3.8	No Model	A/J	232	L 6	64-79
3172261	NAVISTAR	3.2	No Model		199	L 6	64-67
317226C1	NAVISTAR	3.2	No Model	1/2V8	196	L 4	80-83
317227C1	NAVISTAR	3.2	No Model	1/2V8	196	L 4	80-83
317228C1	NAVISTAR	3.2	No Model	1/2V8	196	L 4	80-83
317267	CHRYSLER	3.2	No Model	A/J	196	L 6	53-65
317267C	CHRYSLER	3.2	No Model	A/J	196	L 6	53-65
317267C1	NAVISTAR	3.2	No Model		199	L 6	64-67
317268C1	NAVISTAR	3.2	No Model		199	L 6	64-67
3176050	CHRYSLER	3.2	No Model	A/J	196	L 6	53-65
3176050D	CHRYSLER	3.2	No Model	A/J	196	L 6	53-65
3176051	CHRYSLER	3.2	No Model	A/J	196	L 6	53-65
3179062	CHRYSLER	4.8	No Model	A/J	290	V 8	66-69
3179063	CHRYSLER	5.6	No Model	A/J 1	343	V 8	67-69
3181884	CHRYSLER	3.3	No Model	A/J	199	L 6	65-70
3181884	CHRYSLER	3.8	No Model	A/J	232	L 6	64-79
3181884	NAVISTAR	3.8	No Model		232	L 6	68-74
3182201	CHRYSLER	5.7	No Model		350	V 8	68-71
3190079	CHRYSLER	6.6	No Model	A/J	401	V 8	71-78
3190806	CHRYSLER	6.4	No Model	A/J	390	V 8	68-76
3190808	CHRYSLER	3.8	No Model	A/J	232	L 6	64-79
3190808	CHRYSLER	6.4	No Model	A/J	390	V 8	68-76
3195292	CHRYSLER	5.0	No Model	A/J	304	V 8	70-79
3195527	CHRYSLER	5.0	No Model	A/J	304	V 8	70-79
3195528	CHRYSLER	5.9	GRAND WAGONEER	7	360	V 8	89-91
3195528	CHRYSLER	5.9	No Model	A/J	360	V 8	70-79
3195528	CHRYSLER	5.9	No Model	N	360	V 8	83-88
3195528	CHRYSLER	6.4	No Model	A/J	390	V 8	68-76
3195528	CHRYSLER	6.6	No Model	A/J	401	V 8	71-78
31955285	CHRYSLER	5.9	No Model	F	360	V 8	77-79
31955285	CHRYSLER	5.9	No Model	F	360	V 8	80
31955285	CHRYSLER	5.9	No Model	I	360	V 8	83-87
3195529	CHRYSLER	6.4	No Model	A/J	390	V 8	68-76
3195529	CHRYSLER	6.6	No Model	A/J	401	V 8	71-78
3195529	NAVISTAR	6.6	No Model	AMC	401	V 8	75-84
3198951	CHRYSLER	6.6	No Model	A/J	401	V 8	71-78
3198951	JEEP	6.6	No Model		401	V 8	74-78
3199962	CHRYSLER	3.8	No Model	A/J	232	L 6	64-79
3199962	CHRYSLER	4.2	No Model	C	258	L 6	70-83
320029-3	CHRYSLER	3.5	No Model		211	L 6	31-31
3201378	CUMMINS	18.8	K SERIES		1150	L 6	
3213867	CHRYSLER	3.8	No Model	A/J	232	L 6	64-79
3213867	CHRYSLER	4.2	No Model	C	258	L 6	70-83
3213867	JEEP	4.2	No Model		258	L 6	71-77
3218618	CHRYSLER	3.8	No Model	A/J	232	L 6	64-79
3218618	CHRYSLER	4.2	No Model	C	258	L 6	70-83
3218618	JEEP	4.2	No Model		258	L 6	71-77
3220411	CHRYSLER	6.6	No Model	A/J	401	V 8	71-78

Cylinder Block Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
3222380	CHRYSLER	3.8	No Model	A/J	232	L 6	64-79
3222380	CHRYSLER	4.2	No Model	C	258	L 6	70-83
3222380	JEEP	4.2	No Model		258	L 6	71-77
3224098	CHRYSLER	3.8	No Model	A/J	232	L 6	64-79
3224098	CHRYSLER	4.2	No Model	C	258	L 6	70-83
3227445	CHRYSLER	3.8	No Model	A/J	232	L 6	64-79
3227445	CHRYSLER	4.2	No Model	C	258	L 6	70-83
32287	CASE	5.9	2096	B	359	L 6	85-93
32287	CUMMINS	5.9	B SERIES	B	359	L 6	83-98
32287	FORD	5.9	FD-1060		359	L 6	95-00
3234002	GM	5.0	No Model	GMC	302	L 6	50-57
3234003	GM	4.4	No Model		270	L 6	45-62
3234004	GM	5.0	No Model	GMC	302	L 6	50-57
3235077	CHRYSLER	4.2	No Model	C	258	L 6	70-83
3235077	CHRYSLER	4.2	No Model	C	258	L 6	83-89
3235077	CHRYSLER	4.2	No Model	C(2)	258	L 6	83-89
3235444	CHRYSLER	4.2	No Model	C	258	L 6	70-83
3235444	CHRYSLER	4.2	No Model	C	258	L 6	83-89
3235444	CHRYSLER	4.2	No Model	C(2)	258	L 6	83-89
3235444	CHRYSLER	4.2	No Model	T	258	L 6	90
323885R2	NAVISTAR	7.0	TD20	DT	429	L 6	
3239448	CHRYSLER	2.5	DAKOTA	P	150	L 4	91-02
3239448	CHRYSLER	2.5	No Model	E	150	L 4	89-93
3239448	CHRYSLER	2.5	No Model	H	150	L 4	86-88
3239448	CHRYSLER	2.5	No Model	U	150	L 4	84-86
32492778	VOLVO	12.0	TD121		731	L 6	83-92
328518	GM	4.8	No Model	T	292	L 6	74-77
328572	GM	4.1	No Model	Q	250	L 6	66-75
328572	MERCURISER	4.1	No Model	MIE	250	L 6	66-75
328575	GM	4.1	No Model	D	250	L 6	77-78
328575	GM	4.1	No Model	D	250	L 6	78-80
328575	GM	4.1	No Model	D	250	L 6	81-85
328575	GM	4.1	No Model	Q	250	L 6	66-75
328575	MERCURISER	4.1	No Model	MIE	250	L 6	66-75
328576	GM	4.1	No Model	Q	250	L 6	66-75
328576	MERCURISER	4.1	No Model	MIE	250	L 6	66-75
328578	GM	4.8	No Model	T	292	L 6	63-73
328578	GM	4.8	No Model	T	292	L 6	74-77
328578	GM	4.8	No Model	T	292	L 6	78-90
328880	GM	4.8	No Model	T	292	L 6	63-73
329990	GM	4.8	No Model	T	292	L 6	63-73
330	CHRYSLER	3.7	No Model	H	225	L 6	82-87
33003059	CHRYSLER	2.5	DAKOTA	P	150	L 4	91-02
33003059	CHRYSLER	2.5	No Model	E	150	L 4	89-93
33003059	CHRYSLER	2.5	No Model	H	150	L 4	86-88
33003059	CHRYSLER	2.5	No Model	U	150	L 4	84-86
330-2	CHRYSLER	3.7	No Model		225	L 6	76-87
330-4	CHRYSLER	3.7	No Model	H	225	L 6	82-87
330817	GM	6.6	No Model	L	400	V 8	70-78
330817	GM	6.6	No Model	M	400	V 8	75-76
333940	GM	2.3	VEGA	A	140	L 4	76-77
333940	GM	2.3	VEGA	B	140	L 6	76-77
333940	GM	2.3	VEGA	V	140	L 4	71-76
338200	GM	2.3	VEGA	A	140	L 4	76-77
338200	GM	2.3	VEGA	B	140	L 6	76-77
338200	GM	2.3	VEGA	V	140	L 4	71-76
340220	GM	7.0	No Model	L	427	V 8	66-90
3414725	CHRYSLER	6.6	No Model	A/J	401	V 8	71-78
3418496	CHRYSLER	5.9	No Model	J	360	V 8	71-75
3418496	CHRYSLER	5.9	No Model	K	360	V 8	74-76
3418496-360	CHRYSLER	5.9	No Model	J	360	V 8	71-75

Cylinder Block Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
343376	GM	2.3	No Model	B	140	L 4	74-75
343376	GM	2.3	VEGA	A	140	L 4	74-75
343376	GM	2.3	VEGA	V	140	L 4	71-76
343507C1	NAVISTAR	6.4	No Model		392	V 8	56-83
343507C2	NAVISTAR	6.4	No Model		392	V 8	56-83
343782C91	NAVISTAR	6.4	No Model		392	V 8	56-83
3440117501	MERCEDES BENZ	5.7	OM352	352	346	L 6	
3440117501	MERCEDES BENZ	5.7	OM352A		346	L 6	
345014	GM	7.4	No Model	Z	454	V 8	70-75
3450144	GM	7.4	No Model	Z	454	V 8	70-75
3462344	CHRYSLER	7.2	No Model		440	V 8	76-76
346236	GM	7.4	No Model	Z	454	V 8	70-75
3462615	CHRYSLER	7.2	No Model		440	V 8	76-76
348576	GM	4.1	No Model	D	250	L 6	77-78
348576	GM	4.1	No Model	Q	250	L 6	66-75
348675	GM	4.1	No Model	D	250	L 6	77-78
348675	GM	4.1	No Model	D	250	L 6	78-80
348675	GM	4.1	No Model	D	250	L 6	81-85
348675	GM	4.1	No Model	Q	250	L 6	66-75
348675	MERCURISER	4.1	No Model	MIE	250	L 6	66-75
352194	GM	4.8	No Model	T	292	L 6	63-73
352194	GM	4.8	No Model	T	292	L 6	74-77
352194	GM	4.8	No Model	T	292	L 6	78-90
353057	GM	5.5	No Model		336	V 8	57-59
354898R	NAVISTAR	2.0	SUPER C		123	L 4	
354898R2	NAVISTAR	2.0	SUPER C		123	L 4	
355318-R2	NAVISTAR	2.0	SUPER C		123	L 4	
35532646	GM	3.8	No Model	C	231	V 6	88-91
3556519	GM	4.6	No Model		283	V 8	56-67
355909	GM	4.3	No Model	G	262	V 8	75-76
355909	GM	5.0	No Model	G	305	V 8	76-79
355909	GM	5.0	No Model	H	305	V 8	78-88
355909	GM	5.0	No Model	Q	305	V 8	76
355909	GM	5.0	No Model	U	305	V 8	77-79
357153	GM	1.4	CHEVETTE	I	85	L 4	76-77
357153	GM	1.6	CHEVETTE	E	98	L 4	76-77
3577130	CHRYSLER	5.6	No Model		340	V 8	68-73
3577130TA-340	CHRYSLER	5.6	No Model		340	V 8	68-73
358825	GM	4.1	No Model	Q	250	L 6	66-75
358825	MERCURISER	4.1	No Model	MIE	250	L 6	66-75
359070	GM	7.4	No Model	Z	454	V 8	70-75
35D	HYUNDAI	3.5	XG 350	E	213	V 6	02-05
360851	GM	4.3	No Model	G	262	V 8	75-76
3614230	CHRYSLER	5.9	No Model	J	360	V 8	71-75
3614230	CHRYSLER	6.6	No Model	N	400	V 8	72-78
361552R	NAVISTAR	2.8	350, 350H, 350HC	C(1)	175	L 4	
361959	GM	7.4	No Model	L	454	V 8	75-76
361959	GM	7.4	No Model	N	454	V 8	87-90
361959	GM	7.4	No Model	S	454	V 8	76-79
361959	GM	7.4	No Model	S	454	V 8	80-81
361959	GM	7.4	No Model	W	454	V 8	80-86
361959	GM	7.4	No Model	W	454	V 8	87-90
361959	GM	7.4	No Model	Y	454	V 8	76-78
361959	GM	7.4	No Model	Z	454	V 8	70-75
361979	GM	5.0	No Model	G	305	V 8	76-79
361979	GM	5.0	No Model	H	305	V 8	78-88
361979	GM	5.0	No Model	Q	305	V 8	76
361979	GM	5.0	No Model	U	305	V 8	77-79
362743R	NAVISTAR	2.8	350, 350H, 350HC	C(1)	175	L 4	
362743R2	NAVISTAR	2.7	300, 300HC	C(1)	169	L 4	
362800	GM	2.3	VEGA	A	140	L 4	76-77

Cylinder Block Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
362800	GM	2.3	VEGA	B	140	L 6	76-77
362800	GM	2.3	VEGA	V	140	L 4	71-76
36295	CASE	3.1	430	D	188	L 4	
3629703	GM	3.9	No Model		235	L 6	49-62
363087	GM	5.5	No Model		336	V 8	57-59
3632948	GM	7.0	No Model	CAD	429	V 8	63-67
3633568	GM	7.7	No Model	R	472	V 8	68-74
3633568	GM	8.2	No Model		500	V 8	70-73
3633955	GM	7.7	No Model	R	472	V 8	68-74
3633955	GM	8.2	No Model		500	V 8	70-73
3633955	GM	8.2	No Model	S	500	V 8	70-76
364776	GM	7.0	No Model	L	427	V 8	66-90
364776	GM	7.4	No Model	L	454	V 8	75-76
364776	GM	7.4	No Model	N	454	V 8	87-90
364776	GM	7.4	No Model	S	454	V 8	76-79
364776	GM	7.4	No Model	S	454	V 8	80-81
364776	GM	7.4	No Model	W	454	V 8	80-86
364776	GM	7.4	No Model	W	454	V 8	87-90
364776	GM	7.4	No Model	Y	454	V 8	76-78
364776	GM	7.4	No Model	Z	454	V 8	70-75
364779	GM	6.0	No Model	B	366	V 8	68-90
364779	GM	6.0	No Model	P	366	V 8	89-90
364909	GM	4.8	No Model	T	292	L 6	78-90
366204R1	NAVISTAR	2.2	2404	C(1)	135	L 4	
366245	GM	5.7	No Model	4	350	V 8	78-79
366245	GM	5.7	No Model	6	350	V 8	80-88
366245	GM	5.7	No Model	8	350	V 8	80
366245	GM	5.7	No Model	B	350	V 8	78-79
366245	GM	5.7	No Model	H	350	V 8	73-77
366245	GM	5.7	No Model	J	350	V 8	75-77
366245	GM	5.7	No Model	K	350	V 8	70-75
366245	GM	5.7	No Model	L	350	V 8	76
366245	GM	5.7	No Model	L	350	V 8	77-82
366245	GM	5.7	No Model	L	350	V 8	83-86
366245	GM	5.7	No Model	M	350	V 8	79-88
366245	GM	5.7	No Model	P	350	V 8	68-77
366245	GM	5.7	No Model	P	350	V 8	80-83
366245	GM	5.7	No Model	R	350	V 8	69-76
366245	GM	5.7	No Model	R	350	V 8	77-80
366245	GM	5.7	No Model	V	350	V 8	74-76
366245	GM	5.7	No Model	Y	350	V 8	68-75
366855	GM	4.1	No Model	D	250	L 6	77-78
366855	GM	4.1	No Model	D	250	L 6	78-80
366855	GM	4.1	No Model	D	250	L 6	81-85
366855	GM	4.1	No Model	Q	250	L 6	66-75
366855	MERCUISER	4.1	No Model	MIE	250	L 6	66-75
3671639	CHRYSLER	5.7	No Model		350	V 8	68-71
3671639	CHRYSLER	5.9	No Model	F	360	V 8	77-79
3671639	CHRYSLER	5.9	No Model	F	360	V 8	80
3671639	CHRYSLER	5.9	No Model	I	360	V 8	83-87
367163CF	CHRYSLER	5.9	No Model	F	360	V 8	77-79
367163CF	CHRYSLER	5.9	No Model	F	360	V 8	80
367163CF	CHRYSLER	5.9	No Model	I	360	V 8	83-87
367511R	NAVISTAR	3.6	460	C	221	L 6	
367511R	NAVISTAR	4.3	560	C(1)	263	L 6	
367511R4	NAVISTAR	4.3	560	C(1)	263	L 6	
36771	CASE	3.1	430	D	188	L 4	
367727R	NAVISTAR	2.2	2404	C(1)	135	L 4	
367727R	NAVISTAR	2.2	2404	C(2)	135	L 4	
367825R	NAVISTAR	2.0	SUPER C		123	L 4	
367974R	NAVISTAR	3.3	544	C	200	L 4	

Cylinder Block Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
3692703	GM	3.9	No Model		235	L 6	49-62
3692708	GM	3.9	No Model		235	L 6	49-62
3692713	GM	3.9	No Model		235	L 6	49-62
3693374	GM	3.9	No Model		235	L 6	49-62
3693830	CHRYSLER	7.2	No Model		440	V 8	76-76
3697313	GM	3.9	No Model		235	L 6	49-62
3698276	CHRYSLER	6.6	No Model	N	400	V 8	72-78
3698428	CHRYSLER	6.6	No Model	N	400	V 8	72-78
3698630	CHRYSLER	6.6	No Model	M	400	V 8	75-76
3698630	CHRYSLER	6.6	No Model	N	400	V 8	72-78
3698630	CHRYSLER	6.6	No Model	P	400	V 8	74-78
3698830	CHRYSLER	7.2	No Model		440	V 8	76-76
3698830	CHRYSLER	7.2	No Model	U	440	V 8	74-76
3698830-440	CHRYSLER	7.2	No Model	U	440	V 8	74-76
37001481	GM	3.9	No Model		235	L 6	49-62
3701481	GM	3.9	No Model		235	L 6	49-62
3701483	GM	3.9	No Model		235	L 6	49-62
3701946	GM	3.9	No Model		235	L 6	49-62
3702436	GM	4.2	No Model		261	L 6	54-62
3703414	GM	4.2	No Model		261	L 6	54-62
3703524	GM	4.3	No Model	(1)	265	V 8	55-57
3708524	GM	4.3	No Model	(1)	265	V 8	55-57
37111500	PERKINS	2.5	152	G	152	L 3	
37111530	PERKINS	2.5	152	D	152	L 3	
3711205A/1BB	PERKINS	3.3	203	D	203	L 4	
37112210	PERKINS	3.3	203	D	203	L 4	
37112210	PERKINS	3.3	203	G	203	L 4	
37112250/2	PERKINS	3.3	203	G	203	L 4	
371122501	PERKINS	3.3	203	D	203	L 4	
37112320	PERKINS	3.3	203	G	203	L 4	
37112480-2	PERKINS	3.9	236	G	236	L 4	
37112800	MASSEY FERGUSON	5.2	4.318		318	L 4	
37112800	PERKINS	5.2	318		318	L 4	
37112940/5	PERKINS	1.8	108	D	107	L 4	
37113010	PERKINS	3.9	236	A	236	L 4	
37113010	PERKINS	3.9	236	D	236	L 4	
37113010	PERKINS	4.1	248	D	248	L 4	
37113010	PERKINS	4.1	248	D(2)	248	L 4	
3711328A-1	PERKINS	3.9	236	D	236	L 4	
3711333A-1	PERKINS	3.9	236	D	236	L 4	
3711333A-1	PERKINS	3.9	236	D(1)	236	L 4	
3711340A1	PERKINS	3.9	236	A	236	L 4	
3711340A1	PERKINS	3.9	236	D	236	L 4	
3711343A.3	PERKINS	4.1	248	D	248	L 4	
3711404A	PERKINS	5.8	3544		354	L 6	
37114960-1	PERKINS	6.1	372		372	L 6	
3711E02A18	PERKINS	4.0	1000		243	L 4	88-96
37127	GM	4.1	No Model	Q	250	L 6	66-75
37127	MERCURISER	4.1	No Model	MIE	250	L 6	66-75
3716323	GM	6.5	No Model		396	V 8	65-72
37205	CASE	3.1	430	D	188	L 4	
3720991	GM	4.3	No Model	(1)	265	V 8	55-57
372544R4	NAVISTAR	4.3	560	C(1)	263	L 6	
3728811	GM	5.7	No Model		348	V 8	58-65
3731548	GM	4.3	No Model	(1)	265	V 8	55-57
3731548	GM	4.6	No Model		283	V 8	56-67
3732265	GM	5.7	No Model		348	V 8	58-65
3732755	GM	5.7	No Model		348	V 8	58-65
3732811	GM	5.7	No Model		348	V 8	58-65
3733340	GM	4.2	No Model		261	L 6	54-62
3733414	GM	4.2	No Model		261	L 6	54-62

Cylinder Block Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
3733813	GM	4.3	No Model		261	L 6	59-62
3733946	GM	3.9	No Model		235	L 6	49-62
3733949	GM	3.9	No Model		235	L 6	49-62
3733950	GM	4.2	No Model		261	L 6	54-62
3736935	GM	4.6	No Model		283	V 8	56-67
3737012	GM	4.2	No Model		261	L 6	54-62
3737739	GM	4.6	No Model		283	V 8	56-67
3737789	GM	4.6	No Model		283	V 8	56-67
3738307	GM	3.9	No Model		235	L 6	49-62
3738365	GM	4.3	No Model		261	L 6	59-62
3738476	GM	3.8	No Model	L	230	L 6	63-70
3738476	GM	3.9	No Model		235	L 6	49-62
3738514	GM	2.5	No Model	IND	153	L 4	62-80
3738514	MERCURISER	2.5	No Model	IND	153	L 4	62-80
3738813	GM	4.3	No Model		261	L 6	59-62
3739365	GM	4.2	No Model		261	L 6	54-62
3739365	GM	4.3	No Model		261	L 6	59-62
3739716	GM	3.9	No Model		235	L 6	49-62
3741278	CHRYSLER	5.2	No Model	V	318	V 8	62-67
3741604	GM	5.7	No Model		348	V 8	58-65
3747363	GM	5.7	No Model		348	V 8	58-65
3751872	GM	5.7	No Model		348	V 8	58-65
3755011	GM	5.7	No Model		348	V 8	58-65
375596R	NAVISTAR	2.2	2404	C(1)	135	L 4	
375596R	NAVISTAR	2.2	2404	C(2)	135	L 4	
3756519	GM	4.6	No Model		283	V 8	56-67
3756935	GM	4.6	No Model		283	V 8	56-67
3759365	GM	4.3	No Model		261	L 6	59-62
3764476	GM	3.9	No Model		235	L 6	49-62
3768925	GM	4.3	No Model		261	L 6	59-62
3769715	GM	4.3	No Model		261	L 6	59-62
3769716	GM	3.9	No Model		235	L 6	49-62
3769717	GM	4.2	No Model		261	L 6	54-62
3769717	GM	4.3	No Model		261	L 6	59-62
3769925	GM	4.2	No Model		261	L 6	54-62
3769925	GM	4.3	No Model		261	L 6	59-62
37711404A	NAVISTAR	5.8	No Model		354	L 6	
37711404A	OLIVER	5.8	1850		354	L 6	
37711404A	PERKINS	5.8	354		354	L 6	
37711404A	PERKINS	5.8	354.1		354	L 6	
37711404A	PERKINS	5.8	354.2		354	L 6	
37711404A	PERKINS	5.8	3543		354	L 6	
37711404A	PERKINS	5.8	3544		354	L 6	
37711404A	PERKINS	5.8	3544	1	354	L 6	
377114670	OLIVER	5.8	1850		354	L 6	
377127	GM	4.1	No Model	D	250	L 6	77-78
377127	GM	4.1	No Model	D	250	L 6	78-80
377127	GM	4.1	No Model	D	250	L 6	81-85
377127	GM	4.1	No Model	Q	250	L 6	66-75
377127	MERCURISER	4.1	No Model	MIE	250	L 6	66-75
377129	GM	4.8	No Model	T	292	L 6	63-73
377129	GM	4.8	No Model	T	292	L 6	74-77
377129	GM	4.8	No Model	T	292	L 6	78-90
3771705	GM	5.7	No Model		348	V 8	58-65
3772129	GM	4.8	No Model	T	292	L 6	63-73
3772129	GM	4.8	No Model	T	292	L 6	74-77
3772129	GM	4.8	No Model	T	292	L 6	78-90
3773949	GM	3.9	No Model		235	L 6	49-62
37770	CASE	3.1	430	D	188	L 4	
3777178	GM	4.1	No Model	Q	250	L 6	66-75
3777178	MERCURISER	4.1	No Model	MIE	250	L 6	66-75

Cylinder Block Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
3780930	CHRYSLER	5.6	No Model		340	V 8	68-73
3782012	GM	5.7	No Model		348	V 8	58-65
3782856	GM	3.2	No Model	L	194	L 6	62-72
3782858	GM	3.2	No Model	L	194	L 6	62-72
3782870	GM	5.4	No Model	L	327	V 8	62-67
378307	GM	3.9	No Model		235	L 6	49-62
3783949	GM	3.9	No Model		235	L 6	49-62
3788068	GM	6.7	No Model		409	V 8	59-66
3788378	GM	4.8	No Model	T	292	L 6	63-73
3788406	GM	3.8	No Model	L	230	L 6	63-70
3788514	GM	2.5	No Model	IND	153	L 4	62-80
3788514	MERCURISER	2.5	No Model	IND	153	L 4	62-80
3788678	GM	5.7	No Model		348	V 8	58-65
3788813	GM	4.2	No Model		261	L 6	54-62
3788935	GM	4.6	No Model		283	V 8	56-67
3789187	GM	4.6	No Model		283	V 8	56-67
3789404	GM	4.8	No Model	T	292	L 6	63-73
3789412	GM	4.8	No Model	T	292	L 6	63-73
3789716	GM	4.8	No Model	T	292	L 6	63-73
3789817	GM	4.6	No Model		283	V 8	56-67
3789817	GM	5.4	No Model	L	327	V 8	62-67
3789935	GM	4.6	No Model		283	V 8	56-67
3790721	GM	4.6	No Model		283	V 8	56-67
3791632	GM	5.4	No Model	L	327	V 8	62-67
3792489	GM	3.8	No Model	L	230	L 6	63-70
3792852	GM	3.2	No Model	L	194	L 6	62-72
3792857	GM	2.5	No Model	IND	153	L 4	62-80
3792857	MERCURISER	2.5	No Model	IND	153	L 4	62-80
3792858	GM	3.2	No Model	L	194	L 6	62-72
3794226	GM	4.6	No Model		283	V 8	56-67
3794460	GM	5.0	Z-28	302	302	V 8	67-69
3794460	GM	5.4	No Model	L	327	V 8	62-67
3794460	GM	5.4	No Model	L	327	V 8	68-69
3795623	GM	6.7	No Model		409	V 8	59-66
3798962	GM	5.7	No Model		348	V 8	58-65
3798962	GM	6.7	No Model		409	V 8	59-66
3802001D	CUMMINS	3.9	B SERIES	B	239	L 4	83-98
3815707	GM	5.7	No Model		348	V 8	58-65
381917	GM	5.4	No Model	O	330	V 8	64-67
381917A	GM	5.4	No Model	O	330	V 8	64-67
381919	GM	5.4	No Model	O	330	V 8	64-67
382096R	NAVISTAR	4.9	806	C	301	L 6	
3821970	GM	4.8	No Model	T	292	L 6	63-73
3824553	GM	6.0	No Model	B	366	V 8	68-90
3830614	GM	6.7	No Model		409	V 8	59-66
3830814	GM	6.7	No Model		409	V 8	59-66
3830930	CHRYSLER	7.2	No Model		440	V 8	76-76
3832338	GM	4.6	No Model		283	V 8	56-67
3832388	GM	5.7	No Model	L	350	V 8	76
3832388	GM	5.7	No Model	L	350	V 8	77-82
3832388	GM	5.7	No Model	Y	350	V 8	68-75
3833056	GM	2.5	No Model	IND	153	L 4	62-80
3833056	MERCURISER	2.5	No Model	IND	153	L 4	62-80
3833057	GM	3.2	No Model	L	194	L 6	62-72
3833067	GM	3.2	No Model	L	194	L 6	62-72
3833340	GM	4.2	No Model		261	L 6	54-62
383340	GM	4.3	No Model		261	L 6	59-62
3833813	GM	4.2	No Model		261	L 6	54-62
3834810	GM	4.6	No Model		283	V 8	56-67
3834812	GM	4.6	No Model		283	V 8	56-67
3835253	GM	3.5	No Model		216	L 6	37-52

Cylinder Block Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
3835309	GM	3.9	No Model		235	L 6	49-62
3835335	GM	3.9	No Model		235	L 6	49-62
3835353	GM	3.5	No Model		216	L 6	37-52
3835363	GM	3.9	No Model		235	L 6	49-62
3835374	GM	3.9	No Model		235	L 6	49-62
3835409	GM	3.5	No Model		216	L 6	37-52
3835409	GM	3.9	No Model		235	L 6	49-62
3835491	GM	3.9	No Model		235	L 6	49-62
3835497	GM	3.5	No Model		216	L 6	37-52
3835499	GM	3.9	No Model		235	L 6	49-62
3835517	GM	3.5	No Model		216	L 6	37-52
3835527	GM	3.5	No Model		216	L 6	37-52
3835692	GM	3.9	No Model		235	L 6	49-62
3835794	GM	3.5	No Model		216	L 6	37-52
3835846	GM	3.9	No Model		235	L 6	49-62
3835849	GM	3.5	No Model		216	L 6	37-52
3835894	GM	3.5	No Model		216	L 6	37-52
3835909	GM	3.9	No Model		235	L 6	49-62
3835911	GM	3.9	No Model		235	L 6	49-62
3835917	GM	3.9	No Model		235	L 6	49-62
3835946	GM	3.9	No Model		235	L 6	49-62
3835949	GM	3.9	No Model		235	L 6	49-62
3836012	GM	4.2	No Model		261	L 6	54-62
3836223	GM	3.9	No Model		235	L 6	49-62
3836233	GM	3.9	No Model		235	L 6	49-62
3836340	GM	4.2	No Model		261	L 6	54-62
3836386	GM	3.9	No Model		235	L 6	49-62
3837004	GM	3.9	No Model		235	L 6	49-62
3837012	GM	4.2	No Model		261	L 6	54-62
3837739	GM	4.6	No Model		283	V 8	56-67
3838004	GM	3.9	No Model		235	L 6	49-62
3838019	GM	3.5	TEMPEST		215	L 6	64-65
3838813	GM	4.2	No Model		261	L 6	54-62
3839752	GM	6.7	No Model		409	V 8	59-66
3839754	GM	6.7	No Model		409	V 8	59-66
384	GM	6.9	BONNEVILLE	P	421	V 8	61-66
38403002	NISSAN	1.6	No Model	R16	98	L 4	66-68
38403002	NISSAN	1.6	No Model	R16	98	L 4	69-70
3843363	GM	3.9	No Model		235	L 6	49-62
3844422	GM	6.7	No Model		409	V 8	59-66
3849852	GM	4.6	No Model		283	V 8	56-67
3849859	GM	4.6	No Model		283	V 8	56-67
3849935	GM	4.6	No Model		283	V 8	56-67
3850817	GM	3.8	No Model	L	230	L 6	63-70
3850817	GM	4.1	No Model	Q	250	L 6	66-75
3850817	MERCURISER	4.1	No Model	MIE	250	L 6	66-75
3851656	GM	4.8	No Model	T	292	L 6	63-73
3851659	GM	4.8	No Model	T	292	L 6	63-73
3851859	GM	4.8	No Model	T	292	L 6	63-73
3853174	GM	5.4	No Model	L	327	V 8	62-67
3854036	GM	3.8	No Model	L	230	L 6	63-70
3854036	GM	4.1	No Model	Q	250	L 6	66-75
3854036	MERCURISER	4.1	No Model	MIE	250	L 6	66-75
3855061	GM	6.5	No Model		396	V 8	65-72
3855914	GM	4.8	No Model	T	292	L 6	63-73
385596	GM	6.5	No Model		396	V 8	65-72
3855961	GM	5.7	No Model	L	350	V 8	76
3855961	GM	5.7	No Model	L	350	V 8	77-82
3855961	GM	5.7	No Model	V	350	V 8	74-76
3855961	GM	5.7	No Model	Y	350	V 8	68-75
3855961	GM	6.5	No Model		396	V 8	65-72

Cylinder Block Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
3855961	GM	7.0	No Model	L	427	V 8	66-90
3855962	GM	6.5	No Model		396	V 8	65-72
3855977	GM	6.0	No Model	B	366	V 8	68-90
3855977	GM	6.0	No Model	P	366	V 8	89-90
3855987	GM	4.8	No Model	T	292	L 6	63-73
3855991	GM	3.8	No Model	L	230	L 6	63-70
3856233	GM	3.9	No Model		235	L 6	49-62
3857655	GM	5.7	No Model		348	V 8	58-65
3857656	GM	6.7	No Model		409	V 8	59-66
3857665	GM	5.7	No Model		348	V 8	58-65
3857666	GM	6.7	No Model		409	V 8	59-66
3858174	GM	5.0	Z-28	302	302	V 8	67-69
3858174	GM	5.4	No Model	L	327	V 8	62-67
3858180	GM	5.4	No Model	L	327	V 8	62-67
3858190	GM	5.4	No Model	L	327	V 8	62-67
3859917	GM	3.9	No Model		235	L 6	49-62
3860386	GM	6.7	No Model		409	V 8	59-66
3860387	GM	5.7	No Model		348	V 8	58-65
3862184	GM	4.6	No Model		283	V 8	56-67
3862194	GM	4.6	No Model		283	V 8	56-67
3864812	GM	4.6	No Model		283	V 8	56-67
386525	GM	7.0	No Model	O	425	V 8	65-67
386525A	GM	7.0	No Model	O	425	V 8	65-67
3866961	GM	6.5	No Model		396	V 8	65-72
386855	GM	4.1	No Model	Q	250	L 6	66-75
386855	MERCUISER	4.1	No Model	MIE	250	L 6	66-75
3869942	GM	6.5	No Model		396	V 8	65-72
3869942	GM	7.0	No Model	L	427	V 8	66-90
3869942	GM	7.4	No Model	L	454	V 8	75-76
3869942	GM	7.4	No Model	S	454	V 8	76-79
3869942	GM	7.4	No Model	S	454	V 8	80-81
3869942	GM	7.4	No Model	W	454	V 8	80-86
3869942	GM	7.4	No Model	W	454	V 8	87-90
3869942	GM	7.4	No Model	Z	454	V 8	70-75
3870230	CHRYSLER	5.9	No Model	F	360	V 8	77-79
3870230	CHRYSLER	5.9	No Model	F	360	V 8	80
3870230	CHRYSLER	5.9	No Model	I	360	V 8	83-87
3870230	CHRYSLER	5.9	No Model	J	360	V 8	71-75
3870230	CHRYSLER	5.9	No Model	J	360	V 8	76-79
3870230	CHRYSLER	5.9	No Model	K	360	V 8	74-76
3870230	CHRYSLER	5.9	No Model	K	360	V 8	77-79
3870230	CHRYSLER	5.9	No Model	L	360	V 8	76-78
3870230	CHRYSLER	5.9	No Model	L	360	V 8	79
3870230	CHRYSLER	5.9	No Model	L	360	V 8	80
3870230	CHRYSLER	5.9	No Model	S	360	V 8	80-82
3870230	CHRYSLER	5.9	No Model	T	360	V 8	77-79
3870230	CHRYSLER	5.9	No Model	T	360	V 8	80-82
3870230	CHRYSLER	5.9	No Model	U	360	V 8	81-82
3870230	CHRYSLER	5.9	No Model	V	360	V 8	81
3870230	CHRYSLER	5.9	No Model	V	360	V 8	82
3870230	CHRYSLER	5.9	No Model	W	360	V 8	83-88
3873858	GM	6.5	No Model		396	V 8	65-72
3874470	GM	7.0	No Model	L	427	V 8	66-90
3876132	GM	5.4	No Model	L	327	V 8	62-67
3877064	GM	6.5	No Model		396	V 8	65-72
3877066	GM	6.5	No Model		396	V 8	65-72
3877178	GM	3.8	No Model	L	230	L 6	63-70
3877178	GM	4.1	No Model	Q	250	L 6	66-75
3877178	MERCUISER	4.1	No Model	MIE	250	L 6	66-75
3879875	GM	3.2	No Model	L	194	L 6	62-72
388575R	NAVISTAR	2.3	2424	G	146	L 4	

Cylinder Block Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
388575R2	NAVISTAR	2.5	2504	C	153	L 4	
3886061	GM	4.8	No Model	T	292	L 6	63-73
3890011	GM	4.1	No Model	Q	250	L 6	66-75
3890011	MERCURISER	4.1	No Model	MIE	250	L 6	66-75
3890013	GM	4.1	No Model	Q	250	L 6	66-75
3890013	MERCURISER	4.1	No Model	MIE	250	L 6	66-75
389244	GM	7.0	No Model	O	425	V 8	65-67
3892440	GM	7.0	No Model	O	425	V 8	65-67
389257	GM	5.0	Z-28	302	302	V 8	67-69
3892651	GM	3.9	No Model		235	L 6	49-62
3892657	GM	5.4	No Model	L	327	V 8	62-67
3892858	GM	3.2	No Model	L	194	L 6	62-72
389298	GM	6.6	No Model	RO	400	V 8	65-69
389298-B	GM	6.6	No Model	RO	400	V 8	65-69
3896944	GM	4.6	No Model		283	V 8	56-67
3896948	GM	4.6	No Model		283	V 8	56-67
389770	GM	3.5	No Model		216	L 6	37-52
3897702	GM	3.5	No Model		216	L 6	37-52
3901204	CASE	5.9	2096	B	359	L 6	85-93
3901204	CUMMINS	5.9	B SERIES	B	359	L 6	83-98
3901204	FORD	5.9	FD-1060		359	L 6	95-00
3901735	CUMMINS	3.9	B SERIES	B	239	L 4	83-98
3902406	GM	6.5	No Model		396	V 8	65-72
3902466	GM	6.5	No Model		396	V 8	65-72
3903352	GM	4.6	No Model		283	V 8	56-67
3903352	GM	5.4	No Model	L	327	V 8	62-67
3904351	GM	7.0	No Model	L	427	V 8	66-90
3904354	GM	6.0	No Model	B	366	V 8	68-90
3904354	GM	6.0	No Model	P	366	V 8	89-90
3904854	GM	6.0	No Model	B	366	V 8	68-90
3904854	GM	6.0	No Model	P	366	V 8	89-90
390575	GM	6.6	No Model	L	400	V 8	70-78
390575	GM	6.6	No Model	M	400	V 8	75-76
3905807D	CASE	5.9	2096	B	359	L 6	85-93
3905807D	CUMMINS	5.9	B SERIES	B	359	L 6	83-98
3905807D	FORD	5.9	FD-1060		359	L 6	95-00
3906691	GM	7.0	No Model	L	427	V 8	66-90
3908852	GM	5.4	No Model	L	327	V 8	62-67
390925	GM	6.6	No Model	RO	400	V 8	65-69
3912553	CASE	5.9	2096	B	359	L 6	85-93
3912553	CUMMINS	5.9	B SERIES	B	359	L 6	83-98
3912553	FORD	5.9	FD-1060		359	L 6	95-00
3914018	CUMMINS	8.3	C SERIES	C	505	L 6	85-90
3914018	CUMMINS	8.3	C SERIES	C(2)	505	L 6	91-00
3914018	FORD	8.3	FD-1460		505	L 6	95-00
3914255	CUMMINS	8.3	C SERIES	C	505	L 6	85-90
3914255	CUMMINS	8.3	C SERIES	C(2)	505	L 6	91-00
3914255	FORD	8.3	FD-1460		505	L 6	95-00
3914635	GM	5.0	No Model	307	307	V 8	68-73
3914636	GM	5.0	No Model	307	307	V 8	68-73
3914638	GM	5.0	No Model	307	307	V 8	68-73
3914653	GM	5.0	No Model	307	307	V 8	68-73
3914660	GM	5.4	No Model	L	327	V 8	68-69
3914660	GM	5.7	No Model	4	350	V 8	78-79
3914660	GM	5.7	No Model	H	350	V 8	73-77
3914660	GM	5.7	No Model	L	350	V 8	76
3914660	GM	5.7	No Model	L	350	V 8	77-82
3914660	GM	5.7	No Model	L	350	V 8	83-86
3914660	GM	5.7	No Model	M	350	V 8	79-88
3914660	GM	5.7	No Model	V	350	V 8	74-76
3914660	GM	5.7	No Model	Y	350	V 8	68-75

Cylinder Block Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
3914678	GM	5.0	Z-28	302	302	V 8	67-69
3914678	GM	5.4	No Model	L	327	V 8	68-69
3914678	GM	5.7	No Model	4	350	V 8	78-79
3914678	GM	5.7	No Model	6	350	V 8	80-88
3914678	GM	5.7	No Model	8	350	V 8	80
3914678	GM	5.7	No Model	B	350	V 8	78-79
3914678	GM	5.7	No Model	H	350	V 8	73-77
3914678	GM	5.7	No Model	K	350	V 8	70-75
3914678	GM	5.7	No Model	L	350	V 8	76
3914678	GM	5.7	No Model	L	350	V 8	77-82
3914678	GM	5.7	No Model	L	350	V 8	83-86
3914678	GM	5.7	No Model	M	350	V 8	79-88
3914678	GM	5.7	No Model	P	350	V 8	68-77
3914678	GM	5.7	No Model	P	350	V 8	80-83
3914678	GM	5.7	No Model	R	350	V 8	69-76
3914678	GM	5.7	No Model	R	350	V 8	77-80
3914678	GM	5.7	No Model	V	350	V 8	74-76
3914678	GM	5.7	No Model	Y	350	V 8	68-75
3915983	GM	2.5	No Model	IND	153	L 4	62-80
3915983	MERCURISER	2.5	No Model	IND	153	L 4	62-80
3916319	GM	6.0	No Model	B	366	V 8	68-90
3916319	GM	6.0	No Model	P	366	V 8	89-90
3916321	GM	7.0	No Model	L	427	V 8	66-90
3916321	GM	7.4	No Model	L	454	V 8	75-76
3916321	GM	7.4	No Model	S	454	V 8	76-79
3916321	GM	7.4	No Model	S	454	V 8	80-81
3916321	GM	7.4	No Model	W	454	V 8	80-86
3916321	GM	7.4	No Model	W	454	V 8	87-90
3916321	GM	7.4	No Model	Z	454	V 8	70-75
3916323	GM	6.5	No Model		396	V 8	65-72
3916328	GM	6.5	No Model		396	V 8	65-72
3918319	GM	6.0	No Model	B	366	V 8	68-90
3921770	GM	4.8	No Model	T	292	L 6	63-73
3921967	GM	3.8	No Model	L	230	L 6	63-70
3921968	GM	3.8	No Model	L	230	L 6	63-70
3921968	GM	4.1	No Model	Q	250	L 6	66-75
3921968	MERCURISER	4.1	No Model	MIE	250	L 6	66-75
3921970	GM	4.8	No Model	T	292	L 6	63-73
3923289D	CUMMINS	8.3	C SERIES	C(2)	505	L 6	91-00
3925521	GM	7.0	No Model	L	427	V 8	66-90
3926568	CUMMINS	8.3	C SERIES	C	505	L 6	85-90
3926568	FORD	8.3	FD-1460		505	L 6	95-00
3926724	CUMMINS	8.3	C SERIES	C	505	L 6	85-90
3926724	FORD	8.3	FD-1460		505	L 6	95-00
3928319	GM	6.0	No Model	B	366	V 8	68-90
3932338	GM	4.6	No Model		283	V 8	56-67
3932368	GM	5.4	No Model	L	327	V 8	68-69
3932368	GM	5.7	No Model	4	350	V 8	78-79
3932368	GM	5.7	No Model	H	350	V 8	73-77
3932368	GM	5.7	No Model	L	350	V 8	76
3932368	GM	5.7	No Model	L	350	V 8	77-82
3932368	GM	5.7	No Model	L	350	V 8	83-86
3932368	GM	5.7	No Model	M	350	V 8	79-88
3932368	GM	5.7	No Model	V	350	V 8	74-76
3932368	GM	5.7	No Model	Y	350	V 8	68-75
3932371	GM	5.0	No Model	307	307	V 8	68-73
3932373	GM	5.0	No Model	307	307	V 8	68-73
3932373	GM	5.4	No Model	L	327	V 8	68-69
3932386	GM	5.0	No Model	307	307	V 8	68-73
3932386	GM	5.0	Z-28	302	302	V 8	67-69
3932386	GM	5.4	No Model	L	327	V 8	68-69

Cylinder Block Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
3932386	GM	5.7	No Model	4	350	V 8	78-79
3932386	GM	5.7	No Model	H	350	V 8	73-77
3932386	GM	5.7	No Model	L	350	V 8	76
3932386	GM	5.7	No Model	L	350	V 8	77-82
3932386	GM	5.7	No Model	M	350	V 8	79-88
3932386	GM	5.7	No Model	V	350	V 8	74-76
3932386	GM	5.7	No Model	Y	350	V 8	68-75
3932388	GM	5.4	No Model	L	327	V 8	68-69
3932388	GM	5.7	No Model	4	350	V 8	78-79
3932388	GM	5.7	No Model	6	350	V 8	80-88
3932388	GM	5.7	No Model	8	350	V 8	80
3932388	GM	5.7	No Model	B	350	V 8	78-79
3932388	GM	5.7	No Model	H	350	V 8	73-77
3932388	GM	5.7	No Model	K	350	V 8	70-75
3932388	GM	5.7	No Model	L	350	V 8	76
3932388	GM	5.7	No Model	L	350	V 8	77-82
3932388	GM	5.7	No Model	L	350	V 8	83-86
3932388	GM	5.7	No Model	M	350	V 8	79-88
3932388	GM	5.7	No Model	P	350	V 8	68-77
3932388	GM	5.7	No Model	P	350	V 8	80-83
3932388	GM	5.7	No Model	R	350	V 8	69-76
3932388	GM	5.7	No Model	R	350	V 8	77-80
3932388	GM	5.7	No Model	V	350	V 8	74-76
3932388	GM	5.7	No Model	Y	350	V 8	68-75
393288	GM	4.6	No Model		283	V 8	56-67
3933180	GM	5.4	No Model	L	327	V 8	62-67
3933180	GM	5.4	No Model	L	327	V 8	68-69
3935439	GM	6.5	No Model		396	V 8	65-72
3935439	GM	7.0	No Model	L	427	V 8	66-90
3935440	GM	6.5	No Model		396	V 8	65-72
393605	GM	6.6	No Model	RO	400	V 8	68-69
3936854	GM	6.5	No Model		396	V 8	65-72
3937723	GM	7.0	No Model	L	427	V 8	66-90
3937724	GM	6.0	No Model	B	366	V 8	68-90
3937724	GM	6.0	No Model	P	366	V 8	89-90
3937726	GM	6.5	No Model		396	V 8	65-72
3937726	GM	7.0	No Model	L	427	V 8	66-90
3937746	GM	2.5	No Model	IND	153	L 4	62-80
3937746	MERCURISER	2.5	No Model	IND	153	L 4	62-80
3937772	GM	6.0	No Model	B	366	V 8	68-90
3937772	GM	6.5	No Model		396	V 8	65-72
3937772	GM	6.6	No Model	M	400	V 8	75-76
394417	GM	5.4	No Model	O	330	V 8	64-67
3944173	GM	5.4	No Model	O	330	V 8	64-67
3946052	GM	7.0	No Model	L	427	V 8	66-90
3949852	GM	4.6	No Model		283	V 8	56-67
3951509	GM	6.6	No Model	L	400	V 8	70-78
3951509	GM	6.6	No Model	M	400	V 8	75-76
3951511	GM	6.6	No Model	L	400	V 8	70-78
3951511	GM	6.6	No Model	M	400	V 8	75-76
3951R1	NAVISTAR	4.8	666, 706, 766	C	291	L 6	
395318	GM	7.1	No Model	V6	432	V 6	70-73
3953512	GM	5.4	No Model	L	327	V 8	62-67
3955270	GM	7.0	No Model	L	427	V 8	66-90
3955272	GM	6.5	No Model		396	V 8	65-72
3955272	GM	6.6	No Model	RO	400	V 8	65-69
3955274	GM	6.0	No Model	B	366	V 8	68-90
3955274	GM	6.0	No Model	P	366	V 8	89-90
3955276	GM	7.0	No Model	L	427	V 8	66-90
395558	GM	5.7	No Model	R	350	V 8	69-76
395558-2	GM	5.7	No Model	R	350	V 8	69-76

Cylinder Block Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
3955618	GM	5.4	No Model	L	327	V 8	68-69
3955977	GM	3.8	No Model	L	230	L 6	63-70
3955977	GM	4.1	No Model	Q	250	L 6	66-75
3955977	GM	4.6	No Model		283	V 8	56-67
3955977	GM	4.8	No Model	T	292	L 6	63-73
3955977	GM	5.7	No Model	Y	350	V 8	68-75
3955977	GM	6.0	No Model	B	366	V 8	68-90
3955977	GM	6.0	No Model	P	366	V 8	89-90
3955977	GM	7.0	No Model	L	427	V 8	66-90
3955977	MERCURISER	4.1	No Model	MIE	250	L 6	66-75
3956618	GM	5.4	No Model	L	327	V 8	68-69
3956618	GM	5.7	No Model	4	350	V 8	78-79
3956618	GM	5.7	No Model	H	350	V 8	73-77
3956618	GM	5.7	No Model	L	350	V 8	76
3956618	GM	5.7	No Model	L	350	V 8	77-82
3956618	GM	5.7	No Model	L	350	V 8	83-86
3956618	GM	5.7	No Model	M	350	V 8	79-88
3956618	GM	5.7	No Model	V	350	V 8	74-76
3956618	GM	5.7	No Model	Y	350	V 8	68-75
3956632	GM	5.0	No Model	307	307	V 8	68-73
3959512	GM	5.4	No Model	L	327	V 8	62-67
3959532	GM	4.6	No Model		283	V 8	56-67
395983R	NAVISTAR	4.8	666, 706, 766	C	291	L 6	
395983R2	NAVISTAR	4.8	666, 706, 766	C	291	L 6	
396021	GM	7.5	No Model	R	455	V 8	68-76
396021	GM	7.5	No Model	S	455	V 8	74-76
396021	GM	7.5	No Model	T	455	V 8	74-76
396021	GM	7.5	No Model	U	455	V 8	74-74
396021	GM	7.5	No Model	V	455	V 8	74-74
396021	GM	7.5	No Model	W	455	V 8	72-75
396021F	GM	7.5	No Model	R	455	V 8	68-76
396021F	GM	7.5	No Model	S	455	V 8	74-76
396021F	GM	7.5	No Model	T	455	V 8	74-76
396021F	GM	7.5	No Model	U	455	V 8	74-74
396021F	GM	7.5	No Model	V	455	V 8	74-74
396021F	GM	7.5	No Model	W	455	V 8	72-75
396021FA	GM	7.5	No Model	R	455	V 8	68-76
396026	GM	6.6	No Model	RO	400	V 8	68-69
3963512	GM	7.0	No Model	L	427	V 8	66-90
3963512	GM	7.4	No Model	L	454	V 8	75-76
3963512	GM	7.4	No Model	S	454	V 8	76-79
3963512	GM	7.4	No Model	S	454	V 8	80-81
3963512	GM	7.4	No Model	W	454	V 8	80-86
3963512	GM	7.4	No Model	W	454	V 8	87-90
3963512	GM	7.4	No Model	Z	454	V 8	70-75
3963513	GM	7.4	No Model	Z	454	V 8	70-75
3963516	GM	7.0	No Model	L	427	V 8	66-90
3965440	GM	6.5	No Model		396	V 8	65-72
3965449	GM	6.5	No Model		396	V 8	65-72
3965540	GM	6.5	No Model		396	V 8	65-72
3965549	GM	6.5	No Model		396	V 8	65-72
3967094	GM	2.3	VEGA	V	140	L 4	71-76
3968854	GM	6.5	No Model		396	V 8	65-72
3968854	GM	6.6	No Model		402	V 8	70-72
3969852	GM	6.0	No Model	B	366	V 8	68-90
3969852	GM	6.0	No Model	P	366	V 8	89-90
3969854	GM	6.5	No Model		396	V 8	65-72
3969858	GM	7.0	No Model	L	427	V 8	66-90
3970010	GM	5.7	No Model	4	350	V 8	78-79
3970010	GM	5.7	No Model	6	350	V 8	80-88
3970010	GM	5.7	No Model	8	350	V 8	80

Cylinder Block Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
3970010	GM	5.7	No Model	B	350	V 8	78-79
3970010	GM	5.7	No Model	H	350	V 8	73-77
3970010	GM	5.7	No Model	K	350	V 8	70-75
3970010	GM	5.7	No Model	L	350	V 8	76
3970010	GM	5.7	No Model	L	350	V 8	77-82
3970010	GM	5.7	No Model	L	350	V 8	83-86
3970010	GM	5.7	No Model	L	350	V 8	89-92
3970010	GM	5.7	No Model	M	350	V 8	74
3970010	GM	5.7	No Model	M	350	V 8	79-88
3970010	GM	5.7	No Model	P	350	V 8	68-77
3970010	GM	5.7	No Model	P	350	V 8	80-83
3970010	GM	5.7	No Model	R	350	V 8	69-76
3970010	GM	5.7	No Model	R	350	V 8	77-80
3970010	GM	5.7	No Model	V	350	V 8	74-76
3970010	GM	5.7	No Model	Y	350	V 8	68-75
3970014	GM	5.4	No Model	L	327	V 8	68-69
3970014	GM	5.7	No Model	4	350	V 8	78-79
3970014	GM	5.7	No Model	6	350	V 8	80-88
3970014	GM	5.7	No Model	8	350	V 8	80
3970014	GM	5.7	No Model	B	350	V 8	78-79
3970014	GM	5.7	No Model	H	350	V 8	73-77
3970014	GM	5.7	No Model	K	350	V 8	70-75
3970014	GM	5.7	No Model	L	350	V 8	76
3970014	GM	5.7	No Model	L	350	V 8	77-82
3970014	GM	5.7	No Model	L	350	V 8	83-86
3970014	GM	5.7	No Model	L	350	V 8	89-92
3970014	GM	5.7	No Model	M	350	V 8	79-88
3970014	GM	5.7	No Model	P	350	V 8	68-77
3970014	GM	5.7	No Model	P	350	V 8	80-83
3970014	GM	5.7	No Model	R	350	V 8	69-76
3970014	GM	5.7	No Model	R	350	V 8	77-80
3970014	GM	5.7	No Model	V	350	V 8	74-76
3970014	GM	5.7	No Model	Y	350	V 8	68-75
3970020	GM	5.0	No Model	307	307	V 8	68-73
3970020	GM	5.4	No Model	L	327	V 8	68-69
3970024	GM	5.0	No Model	307	307	V 8	68-73
397974R1	NAVISTAR	3.3	544	C	200	L 4	
399289	GM	7.4	No Model	S	454	V 8	76-79
399289	GM	7.4	No Model	Z	454	V 8	70-75
399293	GM	6.0	No Model	B	366	V 8	68-90
3994256	GM	3.8	No Model	L	230	L 6	63-70
3994257	GM	3.8	No Model	L	230	L 6	63-70
3994258	GM	4.8	No Model	T	292	L 6	63-73
3999289	GM	7.4	No Model	L	454	V 8	75-76
3999289	GM	7.4	No Model	S	454	V 8	76-79
3999289	GM	7.4	No Model	S	454	V 8	80-81
3999289	GM	7.4	No Model	W	454	V 8	80-86
3999289	GM	7.4	No Model	W	454	V 8	87-90
3999289	GM	7.4	No Model	Z	454	V 8	70-75
3999290	GM	6.5	No Model		396	V 8	65-72
3999290	GM	6.6	No Model		402	V 8	70-72
3999293	GM	6.0	No Model	B	366	V 8	68-90
3999293	GM	6.0	No Model	P	366	V 8	89-90
3999293	GM	7.4	No Model	Z	454	V 8	70-75
3999294	GM	7.0	No Model	L	427	V 8	66-90
39R	KUBOTA	1.4	D1402-B		85	L 3	
39R	KUBOTA	1.4	D1402-DI		85	L 3	
3A-C	TOYOTA	1.5	TERCEL	3A-C	89	L 4	81-88
3B8256	CATERPILLAR	1.4	STARTING MOTOR		83	L 2	
3E	TOYOTA	1.5	TERCEL	3E	89	L 4	87-90
3E	TOYOTA	1.5	TERCEL	3E-E	89	L 4	90-94

Cylinder Block Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
3E-E	TOYOTA	1.5	TERCEL	3E-E	89	L 4	90-94
3F2E-DA	FORD	3.9	FREESTAR	6	238	V 6	04-05
3H5959	CATERPILLAR	12.2	D326		744	L 6	
3H5959	CATERPILLAR	12.2	D337		744	L 6	
3K-C	TOYOTA	1.2	COROLLA	3K-C	71	L 4	70-79
3L3E-FA	FORD	3.8	WINDSTAR	4	232	V 6	96-04
3L3E-FA	FORD	3.9	FREESTAR	6	238	V 6	04-05
3N6991	CATERPILLAR	32.2	379		1964	V 8	
3N6991	CATERPILLAR	32.2	D379		1964	V 8	
3N6995	CATERPILLAR	48.3	398		2946	V 12	
3N6995	CATERPILLAR	48.8	D398		2976	V 12	
3N6997	CATERPILLAR	64.4	D399		3928	V 16	
3RZFE	TOYOTA	2.7	T100	M	165	L 4	94-00
3S	TOYOTA	2.0	CELICA	3SGEL	122	L 4	86-89
3S9120	CATERPILLAR	4.1	D320		252	L 4	
3S9951	CATERPILLAR	1.4	STARTING MOTOR		83	L 2	
3SFE	TOYOTA	2.0	CAMRY	3SFE	122	L 4	86-91
3SGELC	TOYOTA	2.0	CELICA	3SGEL	122	L 4	86-89
3SGTE	TOYOTA	2.0	CELICA	3SGTE	122	L 4	90-95
3SGTE	TOYOTA	2.0	No Model	3SGTE	122	L 4	87-89
3VZE	TOYOTA	3.0	4-RUNNER	3V-ZE	180	V 6	88-95
3VZFE	TOYOTA	3.0	CAMRY	3VZFE	180	V 6	92-93
3YEC	TOYOTA	2.0	VAN	3Y-EC	122	L 4	84-85
400336R1	NAVISTAR	2.7	300, 300HC	C(1)	169	L 4	
400338R1	NAVISTAR	2.8	464	C	175	L 4	
4006530	CHRYSLER	6.6	No Model	N	400	V 8	72-78
4006530-400-12	CHRYSLER	6.6	No Model	N	400	V 8	72-78
4006530-400-12	CHRYSLER	6.6	No Model	P	400	V 8	74-78
4006630	CHRYSLER	7.2	No Model		440	V 8	76-76
4006630	CHRYSLER	7.2	No Model	U	440	V 8	74-76
4006730	CHRYSLER	5.2	No Model	E	318	V 8	77-80
4006730	CHRYSLER	5.2	No Model	G	318	V 8	77-79
4006730	CHRYSLER	5.2	No Model	N	318	V 8	81-85
4006730	CHRYSLER	5.2	No Model	S	318	V 8	83-89
4006762	CHRYSLER	5.9	No Model	K	360	V 8	80
4006762	CHRYSLER	5.9	No Model	L	360	V 8	80
4006762	CHRYSLER	5.9	No Model	TRK	361	V 8	57-78
4006808	CHRYSLER	6.8	No Model		413	V 8	59-77
4006830	CHRYSLER	5.9	No Model	F	360	V 8	77-79
4006830	CHRYSLER	5.9	No Model	F	360	V 8	80
4006830	CHRYSLER	5.9	No Model	I	360	V 8	83-87
4006830	CHRYSLER	5.9	No Model	J	360	V 8	76-79
4006830	CHRYSLER	5.9	No Model	K	360	V 8	74-76
4006830	CHRYSLER	5.9	No Model	K	360	V 8	77-79
4006830	CHRYSLER	5.9	No Model	K	360	V 8	80
4006830	CHRYSLER	5.9	No Model	L	360	V 8	76-78
4006830	CHRYSLER	5.9	No Model	L	360	V 8	79
4006830	CHRYSLER	5.9	No Model	L	360	V 8	80
4006830	CHRYSLER	5.9	No Model	S	360	V 8	80-82
4006830	CHRYSLER	5.9	No Model	T	360	V 8	77-79
4006830	CHRYSLER	5.9	No Model	T	360	V 8	80-82
4006830	CHRYSLER	5.9	No Model	U	360	V 8	81-82
4006830	CHRYSLER	5.9	No Model	V	360	V 8	81
4006830	CHRYSLER	5.9	No Model	V	360	V 8	82
4006830	CHRYSLER	5.9	No Model	W	360	V 8	83-88
4006830	CHRYSLER	5.9	No Model	Z	360	V 8	89-91
4006955	ALLIS CHALMERS	4.9	180	D	301	L 6	
4006955	ALLIS CHALMERS	4.9	200	D	301	L 6	
400695506	ALLIS CHALMERS	4.9	7010	D	301	L 6	
40-2000200	HERCULES	2.7	G1600	F	163	L 4	
402022501	CATERPILLAR	2.7	1404		163	L 4	

Cylinder Block Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
402022501	HERCULES	2.7	G1600	F	163	L 4	
4023228	GM	1.6	LE MANS	6	98	L 4	88-90
4023228	GM	1.6	LE MANS	6	98	L 4	91-93
4029728	ALLIS CHALMERS	7.0	3400		426	L 6	70-85
4029728	ALLIS CHALMERS	7.0	3400	D	426	L 6	70-85
4029728	ALLIS CHALMERS	7.0	D21	D-21	426	L 6	70-70
4045601	CHRYSLER	5.9	No Model	F	360	V 8	77-79
4045601	CHRYSLER	5.9	No Model	F	360	V 8	80
4045601	CHRYSLER	5.9	No Model	I	360	V 8	83-87
4045601	CHRYSLER	5.9	No Model	J	360	V 8	76-79
4045601	CHRYSLER	5.9	No Model	K	360	V 8	74-76
4045601	CHRYSLER	5.9	No Model	K	360	V 8	77-79
4045601	CHRYSLER	5.9	No Model	K	360	V 8	80
4045601	CHRYSLER	5.9	No Model	L	360	V 8	76-78
4045601	CHRYSLER	5.9	No Model	L	360	V 8	79
4045601	CHRYSLER	5.9	No Model	L	360	V 8	80
4045601	CHRYSLER	5.9	No Model	S	360	V 8	80-82
4045601	CHRYSLER	5.9	No Model	T	360	V 8	77-79
4045601	CHRYSLER	5.9	No Model	T	360	V 8	80-82
4045601	CHRYSLER	5.9	No Model	U	360	V 8	81-82
4045601	CHRYSLER	5.9	No Model	V	360	V 8	81
4045601	CHRYSLER	5.9	No Model	V	360	V 8	82
4045601	CHRYSLER	5.9	No Model	W	360	V 8	83-88
4045601	CHRYSLER	5.9	No Model	Z	360	V 8	89-91
4046501	CHRYSLER	5.9	No Model	K	360	V 8	80
405856R1	NAVISTAR	2.6	454	C(1)	157	L 4	
41	CHRYSLER	3.0	No Model	3	181	V 6	87-95
41	CHRYSLER	3.0	No Model	3	181	V 6	96-99
41	CHRYSLER	3.0	No Model	S	181	V 6	90-92
41	CHRYSLER	3.0	No Model	V	181	V 6	92
41	CHRYSLER	3.0	STEALTH	H	181	V 6	93-95
41	MITSUBISHI	3.0	DIMANTE	H	181	V 6	93-96
41	MITSUBISHI	3.0	No Model	3	181	V 6	87-91
4104230	CHRYSLER	5.2	No Model	E	318	V 8	73-76
4104230	CHRYSLER	5.2	No Model	E	318	V 8	77-80
4104230	CHRYSLER	5.2	No Model	G	318	V 8	77-79
4104230	CHRYSLER	5.2	No Model	J	318	V 8	81-82
4104230	CHRYSLER	5.2	No Model	K	318	V 8	81-82
4104230	CHRYSLER	5.2	No Model	M	318	V 8	81-82
4104230	CHRYSLER	5.2	No Model	N	318	V 8	81-85
4104230	CHRYSLER	5.2	No Model	P	318	V 8	81-82
4104230	CHRYSLER	5.2	No Model	P	318	V 8	83-91
4104230	CHRYSLER	5.2	No Model	R	318	V 8	81-82
4104230	CHRYSLER	5.2	No Model	R	318	V 8	83-87
4104230	CHRYSLER	5.2	No Model	S	318	V 8	83-89
4104230	CHRYSLER	5.2	No Model	U	318	V 8	83-84
4105730	CHRYSLER	2.2	No Model	8	135	L 4	82-85
4105730	CHRYSLER	2.2	No Model	C	135	L 4	83-85
4105730	CHRYSLER	2.2	No Model	D	135	L 4	83-85
4105730	CHRYSLER	2.2	No Model	E	135	L 4	83-85
4105730	CHRYSLER	2.2	No Model	F	135	L 4	83-85
4105730	CHRYSLER	2.2	SHELBY	A	135	L 4	86-90
4160275	CHRYSLER	5.4	RAMBLER	A/J	327	V 8	57-67
417593	GM	3.9	OLDSMOBILE		238	6	37-48
4179730	CHRYSLER	5.2	No Model	E	318	V 8	73-76
4179730	CHRYSLER	5.2	No Model	E	318	V 8	77-80
4179730	CHRYSLER	5.2	No Model	G	318	V 8	77-79
4179730	CHRYSLER	5.2	No Model	N	318	V 8	81-85
4179730	CHRYSLER	5.2	No Model	P	318	V 8	83-91
4179730	CHRYSLER	5.2	No Model	R	318	V 8	83-87
4179730	CHRYSLER	5.2	No Model	S	318	V 8	83-89

Cylinder Block Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
4179930	CHRYSLER	5.9	No Model	F	360	V 8	77-79
4179930	CHRYSLER	5.9	No Model	F	360	V 8	80
4179930	CHRYSLER	5.9	No Model	I	360	V 8	83-87
4179930	CHRYSLER	5.9	No Model	J	360	V 8	76-79
4179930	CHRYSLER	5.9	No Model	K	360	V 8	74-76
4179930	CHRYSLER	5.9	No Model	K	360	V 8	77-79
4179930	CHRYSLER	5.9	No Model	K	360	V 8	80
4179930	CHRYSLER	5.9	No Model	L	360	V 8	76-78
4179930	CHRYSLER	5.9	No Model	L	360	V 8	79
4179930	CHRYSLER	5.9	No Model	L	360	V 8	80
4179930	CHRYSLER	5.9	No Model	S	360	V 8	80-82
4179930	CHRYSLER	5.9	No Model	T	360	V 8	77-79
4179930	CHRYSLER	5.9	No Model	T	360	V 8	80-82
4179930	CHRYSLER	5.9	No Model	U	360	V 8	81-82
4179930	CHRYSLER	5.9	No Model	V	360	V 8	81
4179930	CHRYSLER	5.9	No Model	V	360	V 8	82
4179930	CHRYSLER	5.9	No Model	W	360	V 8	83-88
4179930	CHRYSLER	5.9	No Model	Z	360	V 8	89-91
419303	VOLVO	2.0	No Model	B20E	121	L 4	71-73
419303	VOLVO	2.0	No Model	B20F	121	L 4	74-75
42	CHRYSLER	3.0	No Model	3	181	V 6	87-95
42	CHRYSLER	3.0	No Model	3	181	V 6	96-99
42	CHRYSLER	3.0	No Model	S	181	V 6	90-92
42	CHRYSLER	3.0	No Model	V	181	V 6	92
42	CHRYSLER	3.0	STEALTH	H	181	V 6	93-95
42	CHRYSLER	3.0	DIMANTE	H	181	V 6	93-96
42	MITSUBISHI	3.0	No Model	3	181	V 6	87-91
42	MITSUBISHI	3.0	No Model	3	181	V 6	87-91
422613	GM	2.8	No Model	7	173	V 6	79-80
422613	GM	2.8	No Model	X	173	V 6	80-86
423	GM	5.3	LA SALLE	C	322	V 8	38-40
424807	STUDEBAKER	2.8	No Model		170	L 6	55-60
4273230	CHRYSLER	2.5	No Model	K	153	L 4	87-90
4273230	CHRYSLER	2.5	No Model	L	153	L 4	86-87
4273330	CHRYSLER	2.2	No Model	8	135	L 4	82-85
4273330	CHRYSLER	2.2	No Model	C	135	L 4	83-85
4273330	CHRYSLER	2.2	No Model	D	135	L 4	83-85
4273330	CHRYSLER	2.2	No Model	F	135	L 4	83-85
4273330	CHRYSLER	2.2	SHELBY	A	135	L 4	86-90
4298430	CHRYSLER	2.2	No Model	8	135	L 4	82-85
4298430	CHRYSLER	2.2	No Model	C	135	L 4	83-85
4298430	CHRYSLER	2.2	No Model	D	135	L 4	83-85
4298430	CHRYSLER	2.2	No Model	E	135	L 4	83-85
4298430	CHRYSLER	2.2	No Model	F	135	L 4	83-85
4298430	CHRYSLER	2.2	SHELBY	A	135	L 4	86-90
4315730	CHRYSLER	2.2	No Model	C	135	L 4	90
4315730	CHRYSLER	2.2	No Model	D	135	L 4	86-90
4315730	CHRYSLER	2.2	No Model	D	135	L 4	91-94
4315730	CHRYSLER	2.2	No Model	R	135	L 4	89-90
4315730	CHRYSLER	2.2	SHELBY	A	135	L 4	86-90
4315730	CHRYSLER	2.5	DAKOTA	G	153	L 4	94-95
4315730	CHRYSLER	2.5	DAKOTA	J	153	L 4	89-92
4315730	CHRYSLER	2.5	No Model	K	153	L 4	87-90
4315730	CHRYSLER	2.5	No Model	K	153	L 4	91-95
4315730	CHRYSLER	2.5	No Model	V	153	L 4	93-95
4315830	CHRYSLER	5.9	No Model	5	360	V 8	89-91
4315830	CHRYSLER	5.9	No Model	S	360	V 8	80-82
4315830	CHRYSLER	5.9	No Model	T	360	V 8	80-82
4315830	CHRYSLER	5.9	No Model	U	360	V 8	81-82
4315830	CHRYSLER	5.9	No Model	V	360	V 8	81
4315830	CHRYSLER	5.9	No Model	V	360	V 8	82

Cylinder Block Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
4315830	CHRYSLER	5.9	No Model	W	360	V 8	83-88
4315830	CHRYSLER	5.9	No Model	Z	360	V 8	89-91
4321957	ALLIS CHALMERS	8.5	11000		516	L 6	
432330	CHRYSLER	5.2	No Model	4	318	V 8	83-89
4323330	CHRYSLER	5.2	DAKOTA	Y	318	V 8	88-91
4323330	CHRYSLER	5.2	No Model	4	318	V 8	83-89
4323330	CHRYSLER	5.2	No Model	J	318	V 8	81-82
4323330	CHRYSLER	5.2	No Model	K	318	V 8	81-82
4323330	CHRYSLER	5.2	No Model	M	318	V 8	81-82
4323330	CHRYSLER	5.2	No Model	P	318	V 8	81-82
4323330	CHRYSLER	5.2	No Model	P	318	V 8	83-91
4323330	CHRYSLER	5.2	No Model	R	318	V 8	81-82
4323330	CHRYSLER	5.2	No Model	R	318	V 8	83-87
4323330	CHRYSLER	5.2	No Model	S	318	V 8	83-89
4323330	CHRYSLER	5.2	No Model	T	318	V 8	83-87
4323330	CHRYSLER	5.2	No Model	U	318	V 8	83-84
4323649	CHRYSLER	2.2	SHELBY	A	135	L 4	86-90
4323649	CHRYSLER	2.5	DAKOTA	J	153	L 4	89-92
4323649	CHRYSLER	2.5	No Model	K	153	L 4	87-90
4323649	CHRYSLER	2.5	No Model	L	153	L 4	86-87
4323729	CHRYSLER	3.9	No Model	X	239	V 6	88-91
4323729	CHRYSLER	3.9	TRUCK	M	239	V 6	87-88
4323730	CHRYSLER	3.9	No Model	X	239	V 6	88-91
4323730	CHRYSLER	3.9	TRUCK	M	239	V 6	87-88
4338680	ALLIS CHALMERS	5.6	HD6	HD	344	L 4	
4339611	ALLIS CHALMERS	8.5	11000		516	L 6	
4339611	ALLIS CHALMERS	10.2	HD11		624	L 6	
4339611	BUDA	8.5	HD11		516	L 6	
4343530	CHRYSLER	2.2	No Model	8	135	L 4	82-85
4343530	CHRYSLER	2.2	No Model	C	135	L 4	83-85
4343530	CHRYSLER	2.2	No Model	D	135	L 4	83-85
4343530	CHRYSLER	2.2	No Model	E	135	L 4	83-85
4343530	CHRYSLER	2.2	No Model	F	135	L 4	83-85
4343530	CHRYSLER	2.2	SHELBY	A	135	L 4	86-90
4343730	CHRYSLER	2.2	No Model	8	135	L 4	82-85
4343730	CHRYSLER	2.2	No Model	E	135	L 4	83-85
4343730	CHRYSLER	2.2	No Model	F	135	L 4	83-85
4343730	CHRYSLER	3.7	No Model	H	225	L 6	82-87
4343830	CHRYSLER	2.2	No Model	C	135	L 4	83-85
4343830	CHRYSLER	2.2	No Model	C	135	L 4	86-88
4343830	CHRYSLER	2.2	No Model	D	135	L 4	83-85
4343830	CHRYSLER	2.2	No Model	D	135	L 4	86-90
4343830	CHRYSLER	2.2	No Model	E	135	L 4	83-85
4343830	CHRYSLER	2.2	No Model	E	135	L 4	86-87
4343830	CHRYSLER	2.2	SHELBY	A	135	L 4	86-90
4343834	CHRYSLER	2.2	No Model	C	135	L 4	83-85
4343834	CHRYSLER	2.2	No Model	C	135	L 4	86-88
4343834	CHRYSLER	2.2	No Model	D	135	L 4	83-85
4343834	CHRYSLER	2.2	No Model	D	135	L 4	86-90
4343834	CHRYSLER	2.2	No Model	D	135	L 4	91-94
4343834	CHRYSLER	2.2	No Model	E	135	L 4	83-85
4343834	CHRYSLER	2.2	No Model	E	135	L 4	86-87
4343834	CHRYSLER	2.2	SHELBY	A	135	L 4	86-90
4343834	CHRYSLER	2.5	DAKOTA	J	153	L 4	89-92
4343930	CHRYSLER	2.2	No Model	B	135	L 4	81-82
4343930	CHRYSLER	2.2	No Model	C	135	L 4	83-85
4343930	CHRYSLER	2.2	No Model	C	135	L 4	86-88
4343930	CHRYSLER	2.2	No Model	D	135	L 4	83-85
4343930	CHRYSLER	2.2	No Model	D	135	L 4	86-90
4343930	CHRYSLER	2.2	No Model	E	135	L 4	83-85
4343930	CHRYSLER	2.2	No Model	E	135	L 4	86-87

Cylinder Block Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
4343930	CHRYSLER	2.2	SHELBY	A	135	L 4	86-90
434507	NAVISTAR	6.4	No Model		392	V 8	56-83
434507C2	NAVISTAR	6.4	No Model		392	V 8	56-83
434512C2	NAVISTAR	3.2	No Model		199	L 6	64-67
434512C2	NAVISTAR	3.2	No Model	1/2V8	196	L 4	80-83
434988	ALLIS CHALMERS	5.6	6000		344	L 4	
434988	ALLIS CHALMERS	5.6	HD6	HD	344	L 4	
434988	ALLIS CHALMERS	5.6	No Model		344	L 4	
4359375	ALLIS CHALMERS	8.5	11000		516	L 6	
4359375	ALLIS CHALMERS	10.2	HD11		624	L 6	
436782C91	NAVISTAR	6.4	No Model		392	V 8	56-83
4387230	CHRYSLER	2.2	No Model	C	135	L 4	86-88
4387230	CHRYSLER	2.2	No Model	D	135	L 4	86-90
4387230	CHRYSLER	2.2	No Model	E	135	L 4	86-87
4387230	CHRYSLER	2.2	SHELBY	A	135	L 4	86-90
4387530	CHRYSLER	5.2	DAKOTA	Y	318	V 8	88-91
4387530	CHRYSLER	5.2	No Model	P	318	V 8	83-91
4387530	CHRYSLER	5.2	No Model	R	318	V 8	83-87
4387530	CHRYSLER	5.2	No Model	S	318	V 8	83-89
4387530	CHRYSLER	5.2	No Model	T	318	V 8	83-87
4387560	CHRYSLER	5.2	DAKOTA	Y	318	V 8	88-91
4387560	CHRYSLER	5.2	No Model	4	318	V 8	83-89
44020	TOYOTA	2.0	5R		122	L 4	
44022	TOYOTA	2.0	5R		122	L 4	
44023	TOYOTA	2.0	5R		122	L 4	
440275	CHRYSLER	5.4	RAMBLER	A/J	327	V 8	57-67
4448030	CHRYSLER	3.3	CARAVAN	G	201	V 6	98-01
4448030	CHRYSLER	3.3	CONCORDE	T	201	V 6	93-97
4448030	CHRYSLER	3.3	No Model	J	201	V 6	94-98
4448030	CHRYSLER	3.3	No Model	U	201	V 6	94-97
4448030	CHRYSLER	3.3	TOWN & COUNTRY	R	201	V 6	90-02
4448030	CHRYSLER	3.8	No Model	L	231	V 6	91-00
446402C1	NAVISTAR	6.6	No Model	MV	404	V 8	80-86
446402C1	NAVISTAR	7.3	No Model	MV	446	V 8	74-82
446527	CHRYSLER	5.2	No Model	A/J	320	V 8	55
4468-D3	GM	5.7	No Model	N	350	V 8	78-80
4468-D3	GM	5.7	No Model	Z	350	V 8	78-79
4468-D3	GM	5.7	No Model	Z	350	V 8	80-81
448342C1	NAVISTAR	8.8	No Model		537	V 8	75-82
4486279	CHRYSLER	6.4	No Model	A/J	390	V 8	68-76
4487211	CHRYSLER	5.0	No Model	A/J	304	V 8	70-79
44888874	CHRYSLER	6.6	No Model	A/J	401	V 8	71-78
4501851	CHRYSLER	2.2	No Model	D	135	L 4	86-90
4501851	CHRYSLER	2.2	No Model	D	135	L 4	91-94
4501854	ALLIS CHALMERS	3.8	G-230		230	L 6	
4508909	ALLIS CHALMERS	4.3	D17	D	262	L 6	
4508909	ALLIS CHALMERS	4.3	D19		262	L 6	
4516683	ALLIS CHALMERS	2.5	153	G	153	L 4	
454208	GM	1.6	CHEVETTE	E	98	L 4	76-77
454208	GM	1.6	CHEVETTE	E	98	L 4	78-79
455	GM	7.5	No Model	W	455	V 8	71-76
455	GM	7.5	No Model	X & Y	455	V 8	71-76
4556030	CHRYSLER	2.2	No Model	D	135	L 4	91-94
4556030	CHRYSLER	2.5	No Model	K	153	L 4	87-90
4556030	CHRYSLER	2.5	No Model	K	153	L 4	91-95
4556030	CHRYSLER	2.5	No Model	V	153	L 4	93-95
4556430	CHRYSLER	3.3	CARAVAN	G	201	V 6	98-01
4556430	CHRYSLER	3.3	CONCORDE	T	201	V 6	93-97
4556430	CHRYSLER	3.3	No Model	J	201	V 6	94-98
4556430	CHRYSLER	3.3	TOWN & COUNTRY	R	201	V 6	90-02
4556430	CHRYSLER	3.8	No Model	L	231	V 6	91-00

Cylinder Block Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
4556530	CHRYSLER	3.5	No Model	F	215	V 6	93-97
4556530	CHRYSLER	3.5	No Model	G	215	V 6	98-02
4556530	CHRYSLER	3.5	No Model	K	215	V 6	02-04
4556530	CHRYSLER	3.5	No Model	M	215	V 6	02-04
4556530	CHRYSLER	3.5	No Model	V	215	V 6	02-04
4556651	CHRYSLER	2.0	NEON	C	122	L 4	95-04
4570571	FORD	3.3	A		200	L 4	28-32
4578893	IVECO	9.8	8205		599	L 6	
460776	GM	5.0	No Model	G	305	V 8	76-79
460776	GM	5.0	No Model	H	305	V 8	78-88
460776	GM	5.0	No Model	Q	305	V 8	76
460776	GM	5.0	No Model	U	305	V 8	77-79
460777	GM	5.0	No Model	G	305	V 8	76-79
460777	GM	5.0	No Model	H	305	V 8	78-88
460777	GM	5.0	No Model	Q	305	V 8	76
460777	GM	5.0	No Model	U	305	V 8	77-79
460778	GM	5.0	No Model	G	305	V 8	76-79
460778	GM	5.0	No Model	H	305	V 8	78-88
460778	GM	5.0	No Model	Q	305	V 8	76
460778	GM	5.0	No Model	U	305	V 8	77-79
461344	GM	3.3	No Model	M	200	V 6	78-79
4621443	CHRYSLER	2.4	CIRRUS	X	148	L 4	95-05
4621445	CHRYSLER	2.4	CIRRUS	X	148	L 4	95-05
4621763	CHRYSLER	3.3	CARAVAN	G	201	V 6	98-01
4621763	CHRYSLER	3.3	CONCORDE	T	201	V 6	93-97
4621763	CHRYSLER	3.3	No Model	J	201	V 6	94-98
4621763	CHRYSLER	3.3	No Model	U	201	V 6	94-97
4621763	CHRYSLER	3.3	TOWN & COUNTRY	R	201	V 6	90-02
4621763	CHRYSLER	3.8	No Model	L	231	V 6	91-00
4621944	CHRYSLER	3.3	CARAVAN	G	201	V 6	98-01
4621944	CHRYSLER	3.3	CONCORDE	T	201	V 6	93-97
4621944	CHRYSLER	3.3	No Model	J	201	V 6	94-98
4621944	CHRYSLER	3.3	No Model	U	201	V 6	94-97
4621944	CHRYSLER	3.3	TOWN & COUNTRY	R	201	V 6	90-02
4621944	CHRYSLER	3.8	No Model	L	231	V 6	91-00
4621994	CHRYSLER	3.8	No Model	L	231	V 6	91-00
464208	GM	1.4	CHEVETTE	I	85	L 4	76-77
464208	GM	1.6	CHEVETTE	E	98	L 4	76-77
464208	GM	1.6	CHEVETTE	E	98	L 4	78-79
4663458	CHRYSLER	3.5	No Model	F	215	V 6	93-97
4663458	CHRYSLER	3.5	No Model	G	215	V 6	98-02
4663458	CHRYSLER	3.5	No Model	K	215	V 6	02-04
4663458	CHRYSLER	3.5	No Model	M	215	V 6	02-04
4663458	CHRYSLER	3.5	No Model	V	215	V 6	02-04
4663611	CHRYSLER	2.7	CONCORDE	R	167	V 6	98-04
4667642	CHRYSLER	2.0	AVENGER	Y	122	L 4	95-04
4667642	CHRYSLER	2.0	NEON	C	122	L 4	95-04
4667642	CHRYSLER	2.4	CIRRUS	X	148	L 4	95-05
4667642	MITSUBISHI	2.0	ECLIPSE	Y	122	L 4	95-99
4667768	CHRYSLER	2.0	AVENGER	Y	122	L 4	95-04
4667768	CHRYSLER	2.0	NEON	C	122	L 4	95-04
4667768	MITSUBISHI	2.0	ECLIPSE	Y	122	L 4	95-99
4678123	IVECO	5.9	8060		358	L 6	
4679122	FIAT	3.7	8045		224	L 4	
471511	GM	4.4	No Model	J	267	V 8	79-82
471594	GM	3.8	No Model	9	229	V 6	83-84
471594	GM	3.8	No Model	K	229	V 6	80-82
473478	GM	7.0	No Model	L	427	V 8	66-90
473483	GM	4.1	No Model	D	250	L 6	77-78
473483	GM	4.1	No Model	D	250	L 6	78-80
473483	GM	4.1	No Model	D	250	L 6	81-85

Cylinder Block Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
473483	GM	4.1	No Model	Q	250	L 6	66-75
4790	GM	5.0	No Model	9	307	V 8	87-90
4790	GM	5.0	No Model	Y	307	V 8	81-88
4790	GM	5.0	No Model	Y	307	V 8	81-88
4790-5-0	GM	5.0	No Model	Y	307	V 8	81-88
481708	GM	6.6	FIREBIRD	S	400	V 8	67-79
481988	GM	6.6	FIREBIRD	S	400	V 8	67-79
481988	GM	6.6	No Model	P	400	V 8	72-75
481988	GM	6.6	No Model	R	400	V 8	74-75
481988	GM	6.6	No Model	S	400	V 8	75-75
481988	GM	6.6	No Model	T	400	V 8	72-77
481988	GM	6.6	No Model	Z	400	V 8	77-79
481990	GM	5.7	No Model	P	350	V 8	68-77
48-2088200	HERCULES	2.7	G1600	F	163	L 4	
483677	GM	7.5	No Model	P	455	V 8	70-76
483677	GM	7.5	No Model	W	455	V 8	71-76
4848604	IVECO	3.9	8040		238	L 4	85-94
485428	GM	7.5	No Model	P	455	V 8	70-76
485428	GM	7.5	No Model	W	455	V 8	71-76
485428	GM	7.5	No Model	X & Y	455	V 8	71-76
487640	GM	6.6	FIREBIRD	S	400	V 8	67-79
487640	GM	6.6	No Model	Z	400	V 8	77-79
488966	GM	5.7	No Model	P	350	V 8	68-77
488986	GM	5.7	No Model	K	350	V 8	70-75
488986	GM	5.7	No Model	P	350	V 8	68-77
488988	GM	6.6	FIREBIRD	S	400	V 8	67-79
489082C1	NAVISTAR	9.0	No Model	D	551	V 8	78-85
489083C1	NAVISTAR	9.0	No Model	D	551	V 8	78-85
4910321D	AUDI	1.7	No Model		105	L 4	81-83
4910321D	CHRYSLER	1.7	No Model	B	105	L 4	78-83
4910321D	VOLKSWAGEN	1.7	No Model	EN	104	L 4	81-84
4910321D	VOLKSWAGEN	1.7	No Model	JF	104	L 4	81-84
4910321D	VOLKSWAGEN	1.7	No Model	WT	104	L 4	82-83
4910321H	AUDI	1.7	No Model		105	L 4	81-83
4910321H	CHRYSLER	1.7	No Model	B	105	L 4	78-83
4910321H	VOLKSWAGEN	1.7	No Model	EN	104	L 4	81-84
4910321H	VOLKSWAGEN	1.7	No Model	JF	104	L 4	81-84
4910321H	VOLKSWAGEN	1.7	No Model	WT	104	L 4	82-83
49885	GM	2.5	No Model	1	151	L 4	77-79
498886	GM	2.5	No Model	1	151	L 4	77-79
498886	GM	2.5	No Model	V	151	L 4	78-80
499864	GM	6.6	FIREBIRD	S	400	V 8	67-79
499864	GM	6.6	No Model	S	400	V 8	75-75
499864	GM	6.6	No Model	Z	400	V 8	77-79
4A20	CHRYSLER	2.0	AVENGER	Y	122	L 4	95-04
4A-C	TOYOTA	1.6	COROLLA	4A-C	97	L 4	83-87
4AF	TOYOTA	1.6	COROLLA	4A-F	97	L 4	88-89
4AFE	TOYOTA	1.6	CELICA	4A-FE	97	L 4	88-96
4AFE	TOYOTA	1.6	CELICA	A	97	L 4	93-98
4A-FE	GM	1.6	PRIZM	6	97	L 4	89-94
4AGE	TOYOTA	1.6	MR2	4A-GE	97	L 4	88-89
4AGEC	TOYOTA	1.6	COROLLA	4AGEC	97	L 4	85-87
4AGELC	TOYOTA	1.6	MR2	4AGEL	97	L 4	85-89
4AGZE	TOYOTA	1.6	No Model	4AGZE	97	L 4	88-89
4A-LC	GM	1.6	NOVA	4	97	L 4	85-88
4A-LC	TOYOTA	1.6	COROLLA	4A-LC	97	L 4	87-88
4B3840	CATERPILLAR	1.4	STARTING MOTOR		83	L 2	
4B666	CATERPILLAR	1.4	STARTING MOTOR		83	L 2	
4B7606	CATERPILLAR	0.0	4400		0	L 4	
4B7606	CATERPILLAR	5.1	955		312	L 4	
4B7606	CATERPILLAR	5.1	955		312	L 4	

Cylinder Block Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
4D34	MITSUBISHI	3.9	4D34T		238	L 4	92-94
4F6180	CATERPILLAR	5.1	955		312	L 4	
4F6180	CATERPILLAR	5.1	955		312	L 4	
4F6430	CATERPILLAR	8.6	D318		525	L 6	
4F6430	CATERPILLAR	8.6	D318(2)		525	L 6	
4F8395	CATERPILLAR	1.4	STARTING MOTOR		83	L 2	
4G12	CHRYSLER	1.4	No Model	MMC	86	L 4	79-84
4G15	CHRYSLER	1.5	COLT	A	91	L 4	90-96
4G15	CHRYSLER	1.5	COLT	K	91	L 4	85-88
4G15	CHRYSLER	1.5	COLT	X	91	L 4	89-90
4G15	MITSUBISHI	1.5	MIRAGE	A	92	L 4	90-99
4G15	MITSUBISHI	1.5	MIRAGE	K	90	L 4	85-88
4G15	MITSUBISHI	1.5	MIRAGE	X	90	L 4	89-90
4G32	CHRYSLER	1.6	COLT	K	98	L 4	79-80
4G32	CHRYSLER	1.6	No Model	F	98	L 4	85-89
4G32	MITSUBISHI	1.6	MIRAGE	F	98	L 4	85-86
4G32	MITSUBISHI	1.6	MIRAGE	F	98	L 4	87-88
4G37	CHRYSLER	1.8	COLT	B	107	L 4	93-94
4G37	CHRYSLER	1.8	COLT	T	107	L 4	89-93
4G37	MITSUBISHI	1.8	ECLIPSE	B	107	L 4	93-94
4G52	CHRYSLER	2.0	COLT	MMC	122	L 4	75-88
4G52	MITSUBISHI	2.0	4G52		122	L 4	
4G52	MITSUBISHI	2.0	No Model		122	L 4	74-82
4G54	CHRYSLER	2.6	CONQUEST	H	156	L 4	84-88
4G54	CHRYSLER	2.6	No Model	D	156	L 4	78-80
4G54	CHRYSLER	2.6	No Model	D	156	L 4	79-82
4G54	CHRYSLER	2.6	No Model	G	156	L 4	83-86
4G54	CHRYSLER	2.6	RAM-50	7	156	L 4	81-85
4G54	CHRYSLER	2.6	RAM-50	E	156	L 4	85-89
4G54	MITSUBISHI	2.6	MONTERO	E	156	L 4	83-85
4G54	MITSUBISHI	2.6	MONTERO	E	156	L 4	86-90
4G54	MITSUBISHI	2.6	No Model	7	156	L 4	83-89
4G54	MITSUBISHI	2.6	No Model	N	156	L 4	83-85
4G54	MITSUBISHI	2.6	No Model	N	156	L 4	86-89
4G54	MITSUBISHI	2.6	STARION	H	156	L 4	84-85
4G54	MITSUBISHI	2.6	STARION	H	156	L 4	86-87
4G54B	CHRYSLER	2.6	CONQUEST	H	156	L 4	84-88
4G54B	CHRYSLER	2.6	No Model	D	156	L 4	78-80
4G54B	CHRYSLER	2.6	No Model	D	156	L 4	79-82
4G54B	CHRYSLER	2.6	No Model	G	156	L 4	83-86
4G54B	CHRYSLER	2.6	RAM-50	7	156	L 4	81-85
4G54B	CHRYSLER	2.6	RAM-50	E	156	L 4	85-89
4G54B	MITSUBISHI	2.6	MONTERO	E	156	L 4	83-85
4G54B	MITSUBISHI	2.6	MONTERO	E	156	L 4	86-90
4G54B	MITSUBISHI	2.6	No Model	7	156	L 4	83-89
4G54B	MITSUBISHI	2.6	No Model	N	156	L 4	83-85
4G54B	MITSUBISHI	2.6	No Model	N	156	L 4	86-89
4G54B	MITSUBISHI	2.6	STARION	H	156	L 4	84-85
4G54B	MITSUBISHI	2.6	STARION	H	156	L 4	86-87
4G61	CHRYSLER	1.6	COLT	Z	98	L 4	89
4G61	CHRYSLER	1.6	No Model	Y	98	L 4	89-92
4G61	MITSUBISHI	1.6	MIRAGE	Y	98	L 4	90-92
4G61	MITSUBISHI	1.6	MIRAGE	Z	98	L 4	89-90
4G63	CHRYSLER	2.0	COLT	D	122	L 4	83-90
4G63	CHRYSLER	2.0	COLT	R	122	L 4	90-94
4G63	CHRYSLER	2.0	COLT	V	122	L 4	89-91
4G63	CHRYSLER	2.0	LASER	E	122	L 4	93-94
4G63	CHRYSLER	2.0	TALON	F	122	L 4	93-98
4G63	CHRYSLER	2.0	TALON	U	122	L 4	90-92
4G63	MITSUBISHI	2.0	CORDIA	D	122	L 4	84-86
4G63	MITSUBISHI	2.0	CORDIA	D	122	L 4	87

Cylinder Block Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
4G63	MITSUBISHI	2.0	CORDIA	D	122	L 4	88-89
4G63	MITSUBISHI	2.0	ECLIPSE	E	122	L 4	93-94
4G63	MITSUBISHI	2.0	ECLIPSE	F	122	L 4	95-99
4G63	MITSUBISHI	2.0	ECLIPSE	R	122	L 4	90-92
4G63	MITSUBISHI	2.0	No Model	U	122	L 4	90-92
4G63B	CHRYSLER	2.0	TALON	U	122	L 4	90-92
4G64	CHRYSLER	2.4	COLT VISTA	G	143	L 4	93-95
4G64	CHRYSLER	2.4	COLT VISTA	W	143	L 4	90-92
4G64	CHRYSLER	2.4	RAM-50	G	143	L 4	93-95
4G64	MITSUBISHI	2.4	GALANT	G	143	L 4	93-04
4G64	MITSUBISHI	2.4	GALANT	L	143	L 4	94-95
4G64	MITSUBISHI	2.4	No Model	L	143	L 4	85-86
4G64	MITSUBISHI	2.4	No Model	W	143	L 4	89-92
4G64	MITSUBISHI	2.4	VAN	L	143	L 4	87-88
4G93	CHRYSLER	1.8	COLT	C	110	L 4	93-94
4G93	MITSUBISHI	1.8	MIRAGE	C	111	L 4	92-00
4H9999	CATERPILLAR	24.1	353		1473	L 6	
4L4625	CATERPILLAR	48.3	398		2946	V 12	
4L4625	CATERPILLAR	48.8	D398		2976	V 12	
4L6800	CATERPILLAR	32.2	379		1964	V 8	
4L6800	CATERPILLAR	32.2	D379		1964	V 8	
4M2950	CATERPILLAR	8.6	1673	CB	525	L 6	
4M2950	CATERPILLAR	8.6	D333	CB	525	L 6	
4M2950	CATERPILLAR	10.5	1673C	CB	638	L 6	
4M2950	CATERPILLAR	10.5	1673C	CB	638	L 6	
4M2950	CATERPILLAR	10.5	1673C	SP	638	L 6	
4M2950	CATERPILLAR	10.5	3306	CB	638	L 6	
4M2950	CATERPILLAR	10.5	3306	DI	638	L 6	
4M2950	CATERPILLAR	10.5	3306	SP	638	L 6	
4M2950	CATERPILLAR	10.5	3306	SP	638	L 6	
4M2950	CATERPILLAR	10.5	D333C	CB	638	L 6	
4M2950	CATERPILLAR	10.5	D333C	SP	638	L 6	
4M4200	CATERPILLAR	14.6	1693		893	L 6	
4M4200	CATERPILLAR	14.6	343		893	L 6	
4M4200	CATERPILLAR	14.6	D343		893	L 6	
4M4200	CATERPILLAR	14.6	D343	1	893	L 6	
4M4200	CATERPILLAR	14.6	G343		893	L 6	
4M4302	CATERPILLAR	5.7	D330	CB	350	L 4	
4M5400	CATERPILLAR	5.7	D330	CB	350	L 4	
4M5400	CATERPILLAR	5.7	D330	D4	350	L 4	
4M9168	CATERPILLAR	5.7	D330	CB	350	L 4	
4M9168	CATERPILLAR	5.7	D330	D4	350	L 4	
4M9200	CATERPILLAR	9.8	340		597	L 4	
4M9300	CATERPILLAR	1.4	STARTING MOTOR		83	L 2	
4N100	CATERPILLAR	5.2	3204	DI	318	L 4	
4N100	CATERPILLAR	5.2	3204	DI(2)	318	L 4	
4N100	CATERPILLAR	5.2	3204	PC	318	L 4	
4N1200	CATERPILLAR	14.6	3406		893	L 6	
4N1200	CATERPILLAR	14.6	3406	B	893	L 6	
4N1200	CATERPILLAR	27.0	3412		1649	V 16	
4N4085	CATERPILLAR	19.5	D346		1191	V 8	
4N4085	CATERPILLAR	19.5	D346	2	1191	V 8	
4N4085	CATERPILLAR	29.3	D348		1786	V 12	
4N4090	CATERPILLAR	19.5	D346		1191	V 8	
4N4090	CATERPILLAR	19.5	D346	2	1191	V 8	
4N4090	CATERPILLAR	29.3	D348		1786	V 12	
4N4092	CATERPILLAR	29.3	348		1786	V 12	
4N4097	CATERPILLAR	39.0	D349		2382	V 16	
4N412	CATERPILLAR	27.0	3412		1649	V 12	
4N60	CATERPILLAR	14.6	3406		893	L 6	
4N60	CATERPILLAR	14.6	3406	B	893	L 6	

Cylinder Block Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
4N60	CATERPILLAR	14.6	3406	SP	893	L 6	
4N80	CATERPILLAR	18.0	3408		1099	V 8	
4N80	CATERPILLAR	18.0	D8L		1099	V 8	
4S4686	CATERPILLAR	20.4	D342	3	1246	L 6	
4S4686	CATERPILLAR	20.4	D8	1	1246	L 6	
4S4686	CATERPILLAR	20.4	D8	2	1246	L 6	
4S4686	CATERPILLAR	20.4	D8	4	1246	L 6	
4S46860	CATERPILLAR	20.4	13000		1246	L 6	
4S6840	CATERPILLAR	13.6	7700		831	L 4	
4S6840	CATERPILLAR	13.6	D339	1	831	L 4	
4S6840	CATERPILLAR	13.6	D339	2	831	L 4	
4S6840	CATERPILLAR	13.6	D339	3	831	L 4	
4S6840	CATERPILLAR	13.6	D339	4	831	L 4	
4S6840	CATERPILLAR	13.6	D339	5	831	L 4	
4S6840	CATERPILLAR	13.6	D7	1	831	L 4	
4S6840	CATERPILLAR	13.6	D7	2	831	L 4	
4S6860	CATERPILLAR	20.4	13000		1246	L 6	
4S6860	CATERPILLAR	20.4	D8	2	1246	L 6	
4S6860	CATERPILLAR	20.4	D8	6	1246	L 6	
4S8500	CATERPILLAR	5.7	D330	CB	350	L 4	
4S8500	CATERPILLAR	5.7	D330	D4	350	L 4	
4XC1-T	GM	1.5	SPECTRUM	9	90	L 4	86-88
4XC1-T	ISUZU	1.5	No Model	9	90	L 4	87-89
4XC1-U	GM	1.5	SPECTRUM	7	92	L 4	87-89
4XC1-U	GM	1.5	SPECTRUM	K	92	L 4	85-87
4XC1-U	ISUZU	1.5	I-MARK	K	90	L 4	85-88
4XC1-U	ISUZU	1.5	No Model	7	90	L 4	85-89
4XE1	GM	1.6	STORM	5	97	L 4	90-91
4XE1-V	GM	1.6	STORM	6	97	L 4	90-96
4XE1-V	ISUZU	1.6	IMPULSE	6	97	L 4	91-93
4XE1-W	GM	1.6	STORM	5	97	L 4	90-91
4XE1-W	ISUZU	1.6	No Model	4	97	L 4	90-92
4XE1-W	ISUZU	1.6	No Model	5	97	L 4	88-90
4XE1-W	ISUZU	1.6	No Model	5	97	L 4	91-92
4XF1	GM	1.8	STORM	8	110	L 4	92-93
4XF1	ISUZU	1.8	IMPULSE	8	110	L 4	91-92
4YEC	TOYOTA	2.2	VAN	4Y-EC	137	L 4	84-89
4Z68RY	DEUTZ	13.4	BF8L513		817	L 8	
4ZC1-T	ISUZU	2.0	No Model	F	121	L 4	85-89
4ZD1	ISUZU	2.3	AMIGO	L	137	L 4	86-95
4ZD-1	ISUZU	2.3	No Model	L	137	L 4	85-87
4ZE1	HONDA	2.6	PASSPORT	4ZE1	158	L 4	94-97
4ZE1	ISUZU	2.6	AMIGO	E	156	L 4	88-98
5000204889	MACK	5.5	MIDR 06.02.12		335	L 6	84-89
500557	GM	6.6	FIREBIRD	S	400	V 8	67-79
500557	GM	6.6	No Model	P	400	V 8	72-75
500557	GM	6.6	No Model	R	400	V 8	74-75
500557	GM	6.6	No Model	S	400	V 8	75-75
500557	GM	6.6	No Model	Z	400	V 8	77-79
500810	GM	5.7	No Model	P	350	V 8	68-77
500813	GM	7.5	No Model	P	455	V 8	70-76
500813	GM	7.5	No Model	W	455	V 8	71-76
500813	GM	7.5	No Model	X & Y	455	V 8	71-76
502422	GM	3.7	DE LUXE 6		223	L 6	39-40
506176	GM	3.9	SILVER STREAK	PONT	239	L 6	41-54
508EDDNA8B	FORD	3.6	No Model	D	220	L 4	58-67
5101426	DDC	0.9	53		53	L 3	
5101426	DDC	2.6	3-53		159	L 3	
5111433	DDC	4.7	4-71 4VALVE		284	L 4	
5125424	DDC	0.9	53		53	L 3	
5125424	DDC	3.5	4-53		212	L 4	

Cylinder Block Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
51339R	NAVISTAR	6.4	No Model		392	V 8	56-83
5136206-21	DDC	5.2	6V-53		318	V 6	
5154256	DDC	7.0	6-71		426	L 6	
5183857	DDC	3.5	3-71 2V		213	L 3	
518448	STUDEBAKER	2.8	No Model		170	L 6	55-60
519	PEUGEOT	2.2	No Model		132	L 4	85-90
5203630	CHRYSLER	2.2	No Model	8	135	L 4	82-85
5203630	CHRYSLER	2.2	No Model	B	135	L 4	81-82
5203630	CHRYSLER	2.2	SHELBY	A	135	L 4	86-90
5203630-5T	CHRYSLER	2.2	No Model	8	135	L 4	82-85
5203630-5T	CHRYSLER	2.2	SHELBY	A	135	L 4	86-90
521560	GM	5.2	CHIEFTAIN	P	316	V 8	56-56
523140	STUDEBAKER	4.0	No Model		246	L 6	50-60
523293	GM	5.6	CHIEFTAIN		347	V 8	57-57
524807	STUDEBAKER	2.8	No Model		170	L 6	55-60
525934	GM	4.9	No Model	P	301	V 8	77-81
525934	GM	4.9	No Model	T	301	V 8	77-81
525934	GM	4.9	No Model	W	301	V 8	79-81
525934	GM	4.9	No Model	Y	301	V 8	77-79
527644	STUDEBAKER	4.2	No Model		259	V 8	55-64
527664	STUDEBAKER	3.8	No Model		232	V 8	51-54
528456	GM	6.1	No Model	370	370	V 8	57-58
52A	CHRYSLER	2.0	COLT	MMC	122	L 4	75-88
52A	MITSUBISHI	2.0	4G52		122	L 4	
52A	MITSUBISHI	2.0	No Model		122	L 4	74-82
530	CHRYSLER	3.7	No Model		225	L 6	76-87
53002665	CHRYSLER	4.0	No Model	L	242	L 6	89-90
53002665	CHRYSLER	4.0	No Model	M	242	L 6	87-88
53005532	CHRYSLER	2.5	DAKOTA	P	150	L 4	91-02
53005532	CHRYSLER	2.5	No Model	E	150	L 4	89-93
53005535	CHRYSLER	4.0	No Model	L	242	L 6	89-90
53005535	CHRYSLER	4.0	No Model	M	242	L 6	87-88
53006657	CHRYSLER	5.2	DAKOTA	Y	318	V 8	88-91
53006657	CHRYSLER	5.2	DAKOTA	Y	318	V 8	92-04
53006657	CHRYSLER	5.2	No Model	2	318	V 8	98-99
53006657	CHRYSLER	5.2	No Model	2	318	V 8	98-99
53006711	CHRYSLER	3.9	MAGNUM	X	239	V 6	92-02
53006711	CHRYSLER	3.9	No Model	X	239	V 6	88-91
53006714	CHRYSLER	5.2	DAKOTA	Y	318	V 8	88-91
53006714	CHRYSLER	5.2	DAKOTA	Y	318	V 8	92-04
53006714	CHRYSLER	5.2	MAGNUM	T	318	V 8	95-99
53006714	CHRYSLER	5.2	No Model	2	318	V 8	98-99
53006921	CHRYSLER	5.9	MAGNUM	Z	360	V 8	92-97
53006921	CHRYSLER	5.9	No Model	5	360	V 8	89-91
53006921	CHRYSLER	5.9	No Model	Z	360	V 8	89-91
53008403	CHRYSLER	2.5	DAKOTA	P	150	L 4	91-02
53008403	CHRYSLER	2.5	No Model	E	150	L 4	89-93
53008405	CHRYSLER	4.0	No Model	M	242	L 6	87-88
53008405	CHRYSLER	4.0	No Model	S	242	L 6	91-97
53009714	CHRYSLER	5.2	DAKOTA	Y	318	V 8	88-91
53009714	CHRYSLER	5.2	DAKOTA	Y	318	V 8	92-04
53009714	CHRYSLER	5.2	No Model	2	318	V 8	98-99
53010327-AB	CHRYSLER	4.0	No Model	S	242	L 6	98-05
53010328-AB	CHRYSLER	4.0	No Model	S	242	L 6	98-05
53010341	CHRYSLER	4.0	No Model	S	242	L 6	91-97
53010341	CHRYSLER	4.0	No Model	S	242	L 6	98-05
53010449	CHRYSLER	4.0	No Model	S	242	L 6	98-05
53010449-AA	CHRYSLER	4.0	No Model	S	242	L 6	98-05
530-11	CHRYSLER	3.7	No Model		225	L 6	76-87
530-14	CHRYSLER	3.7	No Model		225	L 6	76-87
53020006	CHRYSLER	5.9	DURANGO	Z	360	V 8	98-02

Cylinder Block Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
53020006	CHRYSLER	5.9	MAGNUM	5	360	V 8	92-01
53020006	CHRYSLER	5.9	MAGNUM	Z	360	V 8	92-97
5302006	CHRYSLER	5.9	MAGNUM	5	360	V 8	92-01
5302006	CHRYSLER	5.9	MAGNUM	Z	360	V 8	92-97
53020514	CHRYSLER	4.0	No Model	S	242	L 6	98-05
53020515	CHRYSLER	4.0	No Model	S	242	L 6	98-05
53020569	CHRYSLER	4.0	No Model	S	242	L 6	91-97
53020569	CHRYSLER	4.0	No Model	S	242	L 6	98-05
53020661AD-2	CHRYSLER	4.7	DURANGO	N	287	V 8	99-06
53020964	CHRYSLER	3.9	MAGNUM	X	239	V 6	92-02
53021318AG	CHRYSLER	5.7	TRUCK	D	345	V 8	03-05
5302569	CHRYSLER	4.0	No Model	S	242	L 6	91-97
53041095	CHRYSLER	8.0	No Model	E	488	V 10	94-97
53041095	CHRYSLER	8.0	No Model	W	488	V 10	94-02
532000	GM	6.4	No Model	389	389	V 8	59-66
532242	GM	5.5	No Model	P	336	V 8	57-59
532880R1	NAVISTAR	3.6	No Model		220	L 6	50-62
533087	GM	5.5	No Model	P	336	V 8	57-59
53363R	NAVISTAR	5.9	No Model		361	L 6	49-69
53363R	NAVISTAR	6.1	WD-9		372	L 6	49-69
53363R	NAVISTAR	6.6	WD-9		401	L 6	49-69
53363R	NAVISTAR	6.7	WD-9		406	L 6	49-69
53363R	NAVISTAR	7.4	WD-9		450	L 6	49-69
533870	STUDEBAKER	2.8	No Model		170	L 6	55-60
533870	STUDEBAKER	3.0	No Model		185	L 6	55-58
535601	STUDEBAKER	3.7	No Model		224	V 8	56-64
535601	STUDEBAKER	4.2	No Model		259	V 8	55-64
535601	STUDEBAKER	4.7	No Model		289	V 8	57-64
535732	GM	5.7	No Model	6	350	V 8	80-88
535732	GM	5.7	No Model	7	350	V 8	89-95
535732	GM	5.7	No Model	K	350	V 8	86-96
535732	GM	5.7	No Model	K	350	V 8	86-96
535732	GM	5.7	No Model	L	350	V 8	89-92
535732	GM	5.7	No Model	M	350	V 8	79-88
536387	GM	6.4	No Model	389	389	V 8	59-66
538177	GM	6.4	No Model	389	389	V 8	59-66
538181	GM	6.4	No Model	389	389	V 8	59-66
538870	STUDEBAKER	3.0	No Model		185	L 6	55-58
538G	KUBOTA	1.9	CT4-114		114	L 4	
538G	KUBOTA	1.9	V1902-B		114	L 4	
539120	GM	3.2	No Model	L	194	L 6	62-72
539120	GM	3.2	TEMPEST	P	195	L 4	61-63
5406740	CHRYSLER	5.9	No Model		361	V 8	80-81
542426	GM	6.4	No Model	389	389	V 8	59-66
543680	GM	6.4	No Model	389	389	V 8	59-66
543796	GM	6.4	No Model	389	389	V 8	59-66
543797	GM	6.4	No Model	389	389	V 8	59-66
544534	GM	6.5	No Model	OLDS	394	V 8	59-64
545887	GM	7.0	No Model	P	428	V 8	67-69
548211	GM	5.3	No Model	P	326	V 8	63-67
5485363	GM	3.9	No Model		235	L 6	49-62
550355	GM	4.3	No Model	8	260	V 8	75-76
550355	GM	4.3	No Model	F	260	V 8	75-76
553590	CUMMINS	5.8	V352		352	V 6	
553590	CUMMINS	6.2	V378	V6	378	V 6	
554963-A	GM	5.7	No Model	R	350	V 8	77-80
554964	GM	5.7	No Model	B	350	V 8	78-79
554964	GM	5.7	No Model	N	350	V 8	78-80
554964	GM	5.7	No Model	R	350	V 8	77-80
554964	GM	5.7	No Model	Z	350	V 8	78-79
554964	GM	5.7	No Model	Z	350	V 8	80-81

Cylinder Block Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
554964-3A	GM	5.7	No Model	8	350	V 8	80
554964-3A	GM	5.7	No Model	B	350	V 8	78-79
554964-3A	GM	5.7	No Model	R	350	V 8	69-76
554964-3A	GM	5.7	No Model	R	350	V 8	77-80
554965	GM	4.3	No Model	8	260	V 8	75-76
554965	GM	4.3	No Model	8	260	V 8	77-82
554965	GM	4.3	No Model	F	260	V 8	75-76
554965	GM	4.3	No Model	F	260	V 8	77-81
554965-2A	GM	4.3	No Model	8	260	V 8	77-82
554965-2B	GM	4.3	No Model	F	260	V 8	77-81
554990	GM	6.6	No Model	K	403	V 8	77-77
554990	GM	6.6	No Model	K	403	V 8	78-79
554990	GM	6.6	No Model	R	403	V 8	77-81
555641	GM	5.0	No Model	303.7	304	V 8	49-53
55726-4B	GM	6.6	No Model	K	403	V 8	77-77
55726-4B	GM	6.6	No Model	K	403	V 8	78-79
55726-4B	GM	6.6	No Model	R	403	V 8	77-81
557265	GM	6.6	No Model	K	403	V 8	77-77
557265	GM	6.6	No Model	K	403	V 8	78-79
557265	GM	6.6	No Model	R	403	V 8	77-81
557265-4	GM	6.6	No Model	K	403	V 8	77-77
557265-4	GM	6.6	No Model	K	403	V 8	78-79
557265-4	GM	6.6	No Model	R	403	V 8	77-81
557751	GM	4.3	No Model	8	260	V 8	77-82
557751	GM	4.3	No Model	F	260	V 8	77-81
557751-2B	GM	4.3	No Model	8	260	V 8	77-82
557751-2B	GM	4.3	No Model	F	260	V 8	77-81
557752	GM	5.7	No Model	8	350	V 8	80
557752	GM	5.7	No Model	B	350	V 8	78-79
557752	GM	5.7	No Model	R	350	V 8	77-80
557752-3B	GM	5.7	No Model	8	350	V 8	80
557752-3B	GM	5.7	No Model	B	350	V 8	78-79
557752-3B	GM	5.7	No Model	R	350	V 8	69-76
557752-3B	GM	5.7	No Model	R	350	V 8	77-80
557791	GM	4.3	No Model	8	260	V 8	77-82
557791	GM	4.3	No Model	F	260	V 8	77-81
557795	GM	4.3	No Model	8	260	V 8	77-82
557795	GM	4.3	No Model	F	260	V 8	77-81
557838	GM	5.7	No Model	8	350	V 8	80
557838	GM	5.7	No Model	B	350	V 8	78-79
557893	GM	6.6	No Model	K	403	V 8	78-79
557893	GM	6.6	No Model	R	403	V 8	77-81
558306	GM	5.7	No Model	N	350	V 8	78-80
558306	GM	5.7	No Model	N	350	V 8	81-85
558306	GM	5.7	No Model	Z	350	V 8	78-79
558306	GM	5.7	No Model	Z	350	V 8	80
558306	GM	5.7	No Model	Z	350	V 8	80-81
558306-D3	GM	5.7	No Model	N	350	V 8	78-80
558306-D3	GM	5.7	No Model	N	350	V 8	81-85
558306-D3	GM	5.7	No Model	Z	350	V 8	78-79
558306-D3	GM	5.7	No Model	Z	350	V 8	80
558306-D3	GM	5.7	No Model	Z	350	V 8	80-81
560382	GM	5.7	No Model	N	350	V 8	78-80
560382	GM	5.7	No Model	Z	350	V 8	78-79
560382	GM	5.7	No Model	Z	350	V 8	80-81
561747	GM	5.0	No Model	303.7	304	V 8	49-53
561747	GM	5.0	No Model	OLDS	303	V 8	49-53
5636031	TOYOTA	1.6	COROLLA	4A-C	97	L 4	83-87
563922	GM	5.3	No Model	O	324	V 8	54-56
567	FORD	7.8	No Model	GAS	477	V 8	78-81
567	FORD	8.8	No Model		534	V 8	58-81

Cylinder Block Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
567405	GM	5.3	No Model	O	324	V 8	54-56
568557	GM	6.6	FIREBIRD	S	400	V 8	67-79
568557	GM	6.6	No Model	T	400	V 8	72-77
568609	GM	3.8	No Model	9	229	V 6	83-84
568609	GM	3.8	No Model	K	229	V 6	80-82
568922	GM	6.1	No Model		371	V 8	57-60
568922	GM	6.1	No Model	370	370	V 8	57-58
568929	GM	6.1	No Model		371	V 8	57-60
568929	GM	6.1	No Model	370	370	V 8	57-58
57097	NISSAN	1.8	No Model	CA18E	110	L 4	84-86
573562	GM	6.1	No Model		371	V 8	57-60
573562	GM	6.1	No Model	370	370	V 8	57-58
5743015	GM	3.8	No Model	L	230	L 6	63-70
574534	GM	6.5	No Model	OLDS	394	V 8	59-64
574865	GM	6.1	No Model		371	V 8	57-60
574865	GM	6.1	No Model	370	370	V 8	57-58
5750174	FORD	5.0	No Model	F	302	V 8	56-65
5750218	FORD	5.4	No Model		332	V 8	58-59
5750218	FORD	5.4	No Model	CAR	332	V 8	58-59
5750281	FORD	5.4	No Model		332	V 8	58-59
5750281	FORD	5.4	No Model	CAR	332	V 8	58-59
5750462	FORD	5.0	No Model	F	302	V 8	56-65
5750603	FORD	5.4	No Model		332	V 8	58-59
5750603	FORD	5.4	No Model	CAR	332	V 8	58-59
5751091	FORD	6.3	No Model		383	V 8	57-61
5751091	FORD	7.0	EDSEL	K	430	V 8	58-65
577476	GM	6.5	No Model	OLDS	394	V 8	59-64
578135	GM	6.5	No Model	OLDS	394	V 8	59-64
582813	GM	6.5	No Model	OLDS	394	V 8	59-64
582831	GM	6.5	No Model	OLDS	394	V 8	59-64
5845363	GM	3.9	No Model		235	L 6	49-62
585786	GM	6.5	No Model	OLDS	394	V 8	59-64
588181	GM	6.4	No Model	389	389	V 8	59-66
59292	NISSAN	2.0	200SX	H	120	L 4	84-86
5933004200	CHRYSLER	2.5	DAKOTA	P	150	L 4	91-02
5933004200	CHRYSLER	2.5	No Model	E	150	L 4	89-93
5933004200	CHRYSLER	2.5	No Model	H	150	L 4	86-88
5933004200	CHRYSLER	2.5	No Model	U	150	L 4	84-86
598160	CHRYSLER	1.4	ENCORE	E	85	L 4	83-84
598160	CHRYSLER	1.4	No Model	D	85	L 4	81-87
59A	FORD	3.9	No Model		239	V 8	46-53
5B5084	CATERPILLAR	8.6	D318		525	L 6	
5B5084	CATERPILLAR	8.6	D318(2)		525	L 6	
5B6130	CATERPILLAR	8.6	D318		525	L 6	
5B6130	CATERPILLAR	8.6	D318(2)		525	L 6	
5E-FE	TOYOTA	1.5	COROLLA	5E-FE	89	L 4	91-99
5F6016	CATERPILLAR	1.4	STARTING MOTOR		83	L 2	
5F9341	CATERPILLAR	0.6	STARTING MOTOR		36	L 2	
5F9341	CATERPILLAR	1.4	STARTING MOTOR		83	L 2	
5H1405	CATERPILLAR	20.4	13000		1246	L 6	
5H1405	CATERPILLAR	20.4	D342	3	1246	L 6	
5H1405	CATERPILLAR	20.4	D8	1	1246	L 6	
5H1405	CATERPILLAR	20.4	D8	2	1246	L 6	
5H1405	CATERPILLAR	20.4	D8	4	1246	L 6	
5H1408	CATERPILLAR	13.6	7700		831	L 4	
5H1408	CATERPILLAR	13.6	D339	4	831	L 4	
5H1408	CATERPILLAR	13.6	D339	5	831	L 4	
5H1942	CATERPILLAR	5.1	955		312	L 4	
5H1942	CATERPILLAR	5.1	955		312	L 4	
5H2790	CATERPILLAR	12.2	D326		744	L 6	
5H2790	CATERPILLAR	12.2	D337		744	L 6	

Cylinder Block Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
5H2970	CATERPILLAR	12.2	D326		744	L 6	
5H2970	CATERPILLAR	12.2	D337		744	L 6	
5L9549	CATERPILLAR	40.8	386		2492	V 12	
5L9549	CATERPILLAR	40.9	397		2493	V 12	
5L9549	CATERPILLAR	48.3	398		2946	V 12	
5L9549	CATERPILLAR	48.8	D398		2976	V 12	
5M2800	CATERPILLAR	4.1	D2		252	L 4	
5M2800	CATERPILLAR	4.1	D311H		252	L 4	
5M2800	CATERPILLAR	4.1	D320		252	L 4	
5M2800	CATERPILLAR	4.1	D320A		252	L 4	
5M3685317	TOYOTA	2.8	CELICA	5MGE	168	L 6	82-88
5M3725443	TOYOTA	2.8	CELICA	5MGE	168	L 6	82-88
5MGE	TOYOTA	2.8	CELICA	5MGE	168	L 6	82-88
5S2969	CATERPILLAR	11.5	1676		700	V 8	
5S2969	CATERPILLAR	11.5	D336		700	V 8	
5S4129	CATERPILLAR	5.7	D330	CB	350	L 4	
5S4129	CATERPILLAR	5.7	D330	D4	350	L 4	
5S5104	CATERPILLAR	24.1	353		1473	L 6	
5S5104	CATERPILLAR	24.1	353	C/B	1473	L 6	
5S5104	CATERPILLAR	24.1	D9		1473	L 6	
5S5105	CATERPILLAR	24.1	353		1473	L 6	
5S5300	CATERPILLAR	7.0	D330C	CB	425	L 4	
5S600	CATERPILLAR	24.1	353		1473	L 6	
5S600	CATERPILLAR	24.1	353	C/B	1473	L 6	
5S600	CATERPILLAR	24.1	D9		1473	L 6	
5S6201	CATERPILLAR	10.5	1674	2	638	L 6	
5S6201	CATERPILLAR	10.5	D334	2	638	L 6	
5S6400	CATERPILLAR	29.3	348		1786	V 12	
5S6777	CATERPILLAR	8.6	1673	CB	525	L 6	
5S6777	CATERPILLAR	8.6	D333	CB	525	L 6	
5S6777	CATERPILLAR	10.5	1673C	CB	638	L 6	
5S6777	CATERPILLAR	10.5	1673C	CB	638	L 6	
5S6777	CATERPILLAR	10.5	1673C	SP	638	L 6	
5S6777	CATERPILLAR	10.5	3306	CB	638	L 6	
5S6777	CATERPILLAR	10.5	3306	DI	638	L 6	
5S6777	CATERPILLAR	10.5	3306	SP	638	L 6	
5S6777	CATERPILLAR	10.5	3306	SP	638	L 6	
5S6777	CATERPILLAR	10.5	D333C	CB	638	L 6	
5S6777	CATERPILLAR	10.5	D333C	SP	638	L 6	
5SFE	TOYOTA	2.2	CAMRY	5SFE	134	L 4	90-00
5VZFE	TOYOTA	3.4	5VZFE	V	207	V 6	95-99
5VZFE	TOYOTA	3.4	TACOMA	N	207	V 6	95-04
6	FORD	1.6	TRACER	5	98	L 4	87-92
600031	TOYOTA	3.9	LANDCRUISER	F	237	L 6	65-74
600032	TOYOTA	3.9	LANDCRUISER	F	237	L 6	65-74
60031	TOYOTA	4.2	LANDCRUISER	2F	258	L 6	75-80
6015AA	FORD	3.3	No Model	T	200	L 6	63-79
6015AL	FORD	2.3	LRG423		140	L 4	95-01
6015AL	FORD	2.3	LSG423		140	L 4	
6015AL	FORD	2.3	No Model	2	140	L 4	81-82
6015AL	FORD	2.3	No Model	B	140	L 4	76-80
6015B	FORD	3.3	No Model	T	200	L 6	63-79
607488C	NAVISTAR	4.6	560	D	282	L 6	
61011	TOYOTA	4.2	LANDCRUISER	2F	258	L 6	75-80
61040	TOYOTA	4.2	LANDCRUISER	2F	258	L 6	75-80
6107326	GM	3.7	No Model		224	L 6	40-47
6107326	GM	3.7	TRUCK		228	L 6	39-51
6107328	GM	4.0	No Model		248	L 8	37-55
6107328	GM	4.1	No Model		256	L 6	54-56
6107328	GM	4.4	No Model		270	L 6	45-62
6109	GM	3.8	No Model	C	231	V 6	88-91

Cylinder Block Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
6127-21-1119A	KOMATSU	19.3	155		1175	L 6	
6127-21-1119A	KOMATSU	19.3	6D155-1		1175	L 6	
6127-21-1119A	KOMATSU	19.3	6D155-2		1175	L 6	
614087	CHRYSLER	2.2	No Model	A/J	134	L 4	42-71
614087	HENRY	2.2	No Model		134	L 4	53-71
614087	JEEP	2.2	No Model		134	L 4	53-71
6150-21-1111	KOMATSU	11.1	125		674	L 6	
61791212038074	MERCEDES BENZ	3.0	300D		183	L 5	81-85
61791212038074	MERCEDES BENZ	3.0	300D		183	L 5	82-87
61791212102571	MERCEDES BENZ	3.0	300D		183	L 5	82-87
618	CHRYSLER	5.2	No Model	E	318	V 8	77-80
618	CHRYSLER	5.2	No Model	P	318	V 8	83-91
618	CHRYSLER	5.2	No Model	R	318	V 8	83-87
61963	NAVISTAR	3.5	GRD214A		214	L 6	50-55
61963	NAVISTAR	3.8	No Model	GRD	233	L 6	41-58
61963H	NAVISTAR	3.5	GRD214A		214	L 6	50-55
61963H	NAVISTAR	3.8	No Model	GRD	233	L 6	41-58
6206211120	KOMATSU	3.3	4D95S-W-1		199	L 4	
6206211120	KOMATSU	3.3	95		199	L 4	
6206211120	KOMATSU	3.3	95L		199	L 4	
621191810011970	MERCEDES BENZ	2.0	200D		121	L 4	64-68
6245	WHITE	4.6	2-70		283	L 6	
6255616	GM	2.3	CORVAIR		140	H 6	60-63
6255616	GM	2.4	CORVAIR		145	H 6	61-63
6255616	GM	2.7	CORVAIR		164	H 6	64-69
6259393	GM	2.3	VEGA	V	140	L 4	71-76
6272176	GM	6.0	No Model	B	366	V 8	68-90
6272177	GM	6.5	No Model		396	V 8	65-72
6272177	GM	6.6	No Model		402	V 8	70-72
6272181	GM	7.0	No Model	L	427	V 8	66-90
63008403	CHRYSLER	2.5	DAKOTA	P	150	L 4	91-02
632929-1	CHRYSLER	3.3	No Model	A/J	199	L 6	65-70
632929-1	CHRYSLER	3.3	No Model	OLD	201	L 6	35-43
6342 DH	NAVISTAR	1.9	No Model		113	L 4	37-40
636387	GM	6.4	No Model	389	389	V 8	59-66
63724	GM	3.5	No Model		215	V 8	61-63
63724	ROVER	3.5	No Model		217	V 8	79-87
63724	ROVER	3.9	No Model	2	241	V 8	89-96
63724	ROVER	4.0	No Model	97	241	V 8	97-00
638632	CHRYSLER	2.2	No Model	A/J	134	L 4	42-71
638632	HENRY	2.2	No Model		134	L 4	53-71
638632	JEEP	2.2	No Model		134	L 4	53-71
641087	CHRYSLER	2.2	No Model	A/J	134	L 4	42-71
641087	HENRY	2.2	No Model		134	L 4	53-71
641087	JEEP	2.2	No Model		134	L 4	53-71
644720	CHRYSLER	2.6	No Model	G	156	L 4	83-86
644720	CHRYSLER	2.6	RAM-50	7	156	L 4	81-85
644720	JEEP	2.4	No Model		148	L 6	47-50
645362	CHRYSLER	2.6	No Model	G	156	L 4	83-86
645362	CHRYSLER	2.6	RAM-50	7	156	L 4	81-85
645362	JEEP	2.4	No Model		148	L 6	47-50
646228	CHRYSLER	2.2	No Model	A/J	134	L 4	42-71
646228	HENRY	2.2	No Model		134	L 4	53-71
646228	JEEP	2.2	No Model		134	L 4	53-71
649656	CHRYSLER	2.6	No Model	G	156	L 4	83-86
649656	CHRYSLER	2.6	RAM-50	7	156	L 4	81-85
649656	JEEP	2.6	No Model		161	L 6	50-62
6509	GM	5.0	No Model	9	307	V 8	87-90
6509	GM	5.0	No Model	Y	307	V 8	81-88
6695DE	NAVISTAR	2.5	No Model	C	152	L 4	
6722D	NAVISTAR	4.1	M	C	248	L 4	

Cylinder Block Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
6722DM	NAVISTAR	4.1	M	C	248	L 4	61-68
6751391	FORD	7.8	No Model	GAS	477	V 8	78-81
6751391	FORD	8.8	No Model		534	V 8	58-81
675353C2	NAVISTAR	5.9	766	D(1)	360	L 6	
675500C1	NAVISTAR	6.8	1066	D	414	L 6	
675500C1	NAVISTAR	7.1	1486	D	436	L 6	
675500C2	NAVISTAR	6.8	1066	D	414	L 6	
675500C2	NAVISTAR	7.1	1486	D	436	L 6	
675500C3	NAVISTAR	7.6	DT466B	DT	466	L 6	49-76
675500C4	NAVISTAR	7.6	DT466B	DT	466	L 6	49-76
68181	GM	6.4	No Model	389	389	V 8	59-66
68489	NAVISTAR	3.6	No Model		220	L 6	50-62
68489	NAVISTAR	3.9	BLACK DIAMOND		240	L 6	63-69
68498	NAVISTAR	3.6	No Model		220	L 6	50-62
68498	NAVISTAR	3.9	BLACK DIAMOND		240	L 6	63-69
68499	NAVISTAR	3.6	No Model		220	L 6	50-62
68499	NAVISTAR	3.9	BLACK DIAMOND		240	L 6	63-69
687102C1	NAVISTAR	13.4	A SERIES		817	L 6	
687102C1	NAVISTAR	13.4	B SERIES	817-B	817	L 6	
687102C1	NAVISTAR	13.4	C SERIES	817-C	817	L 6	
687264C1	NAVISTAR	6.8	1066	D	414	L 6	
687264C1	NAVISTAR	7.1	1486	D	436	L 6	
68OE-B	FORD	5.0	No Model	F	302	V 8	68-69
691M-BA	FORD	1.1	KSG 1.1		67	L 4	93-98
691M-BA	FORD	1.6	INDUSTRIAL		98	L 4	78-93
691M-BA	FORD	1.6	KSG 1.6		98	L 4	78-96
691M-BA	FORD	1.6	PINTO,CAPRI	W	98	L 4	70-73
691M-BA	FORD	1.6	PINTO,FESTIVA		98	L 4	76-80
693	GM	6.9	BONNEVILLE	P	421	V 8	61-66
693	GM	6.9	BONNEVILLE	P	421	V 8	61-66
69499R	NAVISTAR	3.6	No Model		220	L 6	50-62
69499R	NAVISTAR	3.9	BLACK DIAMOND		240	L 6	63-69
69499R1	NAVISTAR	3.6	No Model		220	L 6	50-62
69499R1	NAVISTAR	3.9	BLACK DIAMOND		240	L 6	63-69
695318	GM	7.1	No Model	V6	432	V 6	70-73
695319	GM	6.2	No Model		379	V 6	73-76
697451	GM	6.2	No Model		379	V 6	73-76
697662	GM	7.1	No Model	V6	432	V 6	70-73
69ZE	FORD	5.0	No Model	G	302	V 8	69-71
6A6397	CATERPILLAR	7.0	3304	CB	425	L 4	
6A6397	CATERPILLAR	7.0	3304	DI	425	L 4	
6A6397	CATERPILLAR	7.0	3304	SP	425	L 4	
6B2476	CATERPILLAR	13.6	7700		831	L 4	
6B2476	CATERPILLAR	13.6	D339	4	831	L 4	
6B2476	CATERPILLAR	13.6	D339	5	831	L 4	
6B8526	CATERPILLAR	1.4	STARTING MOTOR		83	L 2	
6B9313	CATERPILLAR	8.6	D318		525	L 6	
6B9313	CATERPILLAR	8.6	D318(2)		525	L 6	
6G72	CHRYSLER	2.4	CARAVAN	B	146	L 4	96-04
6G72	CHRYSLER	3.0	No Model	3	181	V 6	87-95
6G72	CHRYSLER	3.0	No Model	3	181	V 6	96-99
6G72	CHRYSLER	3.0	No Model	B	181	V 6	91-92
6G72	CHRYSLER	3.0	No Model	C	181	V 6	91-92
6G72	CHRYSLER	3.0	No Model	S	181	V 6	90-92
6G72	CHRYSLER	3.0	STEALTH	H	181	V 6	93-95
6G72	CHRYSLER	3.0	STEALTH	J	181	V 6	93-95
6G72	HYUNDAI	3.0	SONATA	T	183	V 6	89-98
6G72	MITSUBISHI	3.0	3000GT	B	181	V 6	91-94
6G72	MITSUBISHI	3.0	3000GT	C	181	V 6	91-92
6G72	MITSUBISHI	3.0	3000GT	J	181	V 6	93-98
6G72	MITSUBISHI	3.0	3000GT	K	181	V 6	93-98

Cylinder Block Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
6G72	MITSUBISHI	3.0	DIMANTE	H	181	V 6	93-96
6G72	MITSUBISHI	3.0	GALANT	S	181	V 6	88-92
6G73	CHRYSLER	2.5	AVENGER	N	152	V 6	95-00
6G73	CHRYSLER	2.5	STRATUS	H	152	V 6	95-99
6G74	MITSUBISHI	3.5	MONTERO	M	213	V 6	94-96
6H5647	CATERPILLAR	8.6	D318		525	L 6	
6H5647	CATERPILLAR	8.6	D318(2)		525	L 6	
6H6791	CATERPILLAR	13.6	7700		831	L 4	
6H8655	CATERPILLAR	5.1	955		312	L 4	
6H8655	CATERPILLAR	5.1	955		312	L 4	
6L2533	CATERPILLAR	27.2	364		1662	V 8	
6L2533	CATERPILLAR	27.2	375		1662	V 8	
6L2533	CATERPILLAR	32.2	379		1964	V 8	
6L2533	CATERPILLAR	32.2	D379		1964	V 8	
6L7501	CATERPILLAR	64.4	D399		3928	V 16	
6L8412	CATERPILLAR	64.4	D399		3928	V 16	
6M8127	CATERPILLAR	7.0	3304	CB	425	L 4	
6M8127	CATERPILLAR	7.0	3304	DI	425	L 4	
6M8127	CATERPILLAR	7.0	3304	SP	425	L 4	
6N1100	CATERPILLAR	29.3	348		1786	V 12	
6N1496	CATERPILLAR	19.5	D346	2	1191	V 8	
6N1496	CATERPILLAR	29.3	348		1786	V 12	
6N1496	CATERPILLAR	29.3	D348		1786	V 12	
6N1497	CATERPILLAR	19.5	D346		1191	V 8	
6N1497	CATERPILLAR	19.5	D346	2	1191	V 8	
6N1497	CATERPILLAR	29.3	D348		1786	V 12	
6N2150	CATERPILLAR	18.0	3408		1099	V 8	
6N2150	CATERPILLAR	18.0	D8L		1099	V 8	
6N2152	CATERPILLAR	27.0	3412		1649	V 12	
6N5387	CATERPILLAR	20.4	13000		1246	L 6	
6N5387	CATERPILLAR	20.4	D342	3	1246	L 6	
6N5647	CATERPILLAR	20.4	13000		1246	L 6	
6N5647	CATERPILLAR	20.4	D342	2	1246	L 6	
6N5647	CATERPILLAR	20.4	D342	5	1246	L 6	
6N5647	CATERPILLAR	20.4	D8	3	1246	L 6	
6N5647	CATERPILLAR	20.4	D8	6	1246	L 6	
6N5647	CATERPILLAR	20.4	D8K	2	1246	L 6	
6N5647	CATERPILLAR	20.4	G342	1	1246	L 6	
6N5887	CATERPILLAR	20.4	D342	2	1246	L 6	
6N5887	CATERPILLAR	20.4	D342	5	1246	L 6	
6N5887	CATERPILLAR	20.4	D8	3	1246	L 6	
6N5887	CATERPILLAR	20.4	D8	6	1246	L 6	
6N5887	CATERPILLAR	20.4	D8K	2	1246	L 6	
6N5887	CATERPILLAR	20.4	G342	1	1246	L 6	
6N9900	CATERPILLAR	14.6	3406		893	L 6	
6N9900	CATERPILLAR	14.6	3406	B	893	L 6	
6VD1	HONDA	3.2	PASSPORT	V	193	V 6	94-97
6VD1	ISUZU	3.2	RODEO	V	193	V 6	92-98
701825	GM	7.8	No Model		478	V 6	65-77
703F6015AAA	FORD	4.2	2701C	D	254	L 4	68-72
703F6015AAA	FORD	4.2	5000	D	256	L 4	72-78
703F6015AAA	FORD	4.2	5000	G	256	L 4	68-72
703F6015AAA	FORD	4.2	BSD-442		256	L 4	
703F-6015-AAA	FORD	4.0	No Model		242	L 4	67-70
703F-AAA	FORD	4.2	BSD-442T		256	L 4	
70HM-6015-BA	FORD	2.0	PINTO	N	122	L 4	71-74
70HM-6015-BA	FORD	2.0	PINTO	X	122	L 4	74-74
70HM-BA	FORD	2.0	PINTO	N	122	L 4	71-74
70HM-BA	FORD	2.0	PINTO	X	122	L 4	74-74
70TM-AA	FORD	2.6	CAPRI	P	159	V 6	72-73
711-M	FORD	1.1	KSG 1.1		67	L 4	93-98

Cylinder Block Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
711-M	FORD	1.6	INDUSTRIAL		98	L 4	78-93
711-M	FORD	1.6	KSG 1.6		98	L 4	78-96
711-M	FORD	1.6	PINTO,CAPRI	W	98	L 4	70-73
711-M	FORD	1.6	PINTO,FESTIVA		98	L 4	76-80
711-M-6010-AA	FORD	1.1	KSG 1.1		67	L 4	93-98
711-M-6010-AA	FORD	1.6	INDUSTRIAL		98	L 4	78-93
711-M-6010-AA	FORD	1.6	KSG 1.6		98	L 4	78-96
711-M-6015BA	FORD	1.1	KSG 1.1		67	L 4	93-98
711-M-6015BA	FORD	1.6	INDUSTRIAL		98	L 4	78-93
711-M-6015BA	FORD	1.6	KSG 1.6		98	L 4	78-96
711-M-6015BA	FORD	1.6	PINTO,CAPRI	W	98	L 4	70-73
711-M-6015BA	FORD	1.6	PINTO,FESTIVA		98	L 4	76-80
711M-BA	FORD	1.1	KSG 1.1		67	L 4	93-98
711M-BA	FORD	1.6	INDUSTRIAL		98	L 4	78-93
711M-BA	FORD	1.6	KSG 1.6		98	L 4	78-96
711M-BA	FORD	1.6	PINTO,CAPRI	W	98	L 4	70-73
711M-BA	FORD	1.6	PINTO,FESTIVA		98	L 4	76-80
711-M-BA	FORD	1.1	KSG 1.1		67	L 4	93-98
711-M-BA	FORD	1.6	INDUSTRIAL		98	L 4	78-93
711-M-BA	FORD	1.6	KSG 1.6		98	L 4	78-96
711-M-BA	FORD	1.6	PINTO,CAPRI	W	98	L 4	70-73
711-M-BA	FORD	1.6	PINTO,FESTIVA		98	L 4	76-80
711M-CA	FORD	1.1	KSG 1.1		67	L 4	93-98
711M-CA	FORD	1.6	INDUSTRIAL		98	L 4	78-93
711M-CA	FORD	1.6	KSG 1.6		98	L 4	78-96
711M-CA	FORD	1.6	PINTO,FESTIVA		98	L 4	76-80
711-M-CA	FORD	1.1	KSG 1.1		67	L 4	93-98
711-M-CA	FORD	1.6	INDUSTRIAL		98	L 4	78-93
711-M-CA	FORD	1.6	KSG 1.6		98	L 4	78-96
711-M-CA	FORD	1.6	PINTO,CAPRI	W	98	L 4	70-73
711-M-CA	FORD	1.6	PINTO,FESTIVA		98	L 4	76-80
711M-DA	FORD	1.1	KSG 1.1		67	L 4	93-98
711M-DA	FORD	1.6	INDUSTRIAL		98	L 4	78-93
711M-DA	FORD	1.6	KSG 1.6		98	L 4	78-96
711M-DA	FORD	1.6	PINTO,CAPRI	W	98	L 4	70-73
711M-DA	FORD	1.6	PINTO,FESTIVA		98	L 4	76-80
71981369	CHRYSLER	1.7	No Model	C	105	L 4	66-70
7218N	MITSUBISHI	1.0	K3D		60	L 3	
729600	CHRYSLER	3.7	No Model		225	L 6	76-87
733911	CHRYSLER	3.7	No Model		225	L 6	76-87
73TM	FORD	2.6	CAPRI	P	159	V 6	72-73
73TM-6015HA	FORD	2.6	CAPRI	P	159	V 6	72-73
73TM8015-NA	FORD	1.7	BOBCAT ,IND, MARINE		104	V 4	63-75
73TM8015-NA	SAAB	1.7	No Model	V-4	104	V 4	68-73
73TM-HA	FORD	2.6	CAPRI	P	159	V 6	72-73
74TM	FORD	2.8	CAPRI	Z	171	V 6	74-79
74TM	FORD	2.8	No Model	P	171	V 6	74
74TM	FORD	2.8	No Model	PX	171	V 6	75-77
74TM-TA	FORD	2.8	CAPRI	Z	171	V 6	74-79
74TM-TA	FORD	2.8	No Model	P	171	V 6	74
74TM-TA	FORD	2.8	No Model	PX	171	V 6	75-77
7582	GM	5.7	No Model	N	350	V 8	81-85
7582	GM	5.7	No Model	Z	350	V 8	80-81
7582-D3	GM	5.7	No Model	N	350	V 8	81-85
7582-D3	GM	5.7	No Model	Z	350	V 8	80-81
75ZY	FORD	5.0	No Model	F	302	V 8	74-82
75ZY	FORD	5.0	No Model	G	302	V 8	74-81
77057	NISSAN	2.0	H20		121	L 4	77-92
77057	NISSAN	2.0	U20		121	L 4	67-70
771M-CA	FORD	1.1	KSG 1.1		67	L 4	93-98
771M-CA	FORD	1.6	INDUSTRIAL		98	L 4	78-93

Cylinder Block Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
771M-CA	FORD	1.6	KSG 1.6		98	L 4	78-96
771M-CA	FORD	1.6	PINTO,FESTIVA		98	L 4	76-80
77201-E	HERCULES	4.9	DJXC		298	L 6	55-60
7750401113	CHRYSLER	3.3	CARAVAN	G	201	V 6	98-01
7750401113	CHRYSLER	3.3	CONCORDE	T	201	V 6	93-97
7750401113	CHRYSLER	3.3	No Model	J	201	V 6	94-98
7750401113	CHRYSLER	3.3	No Model	U	201	V 6	94-97
7750401113	CHRYSLER	3.3	TOWN & COUNTRY	R	201	V 6	90-02
7940103371	CATERPILLAR	2.5	VC40D	D	152	L 4	
7940103371	CATERPILLAR	2.5	VC40D	D	152	L 4	
7940103371	CATERPILLAR	2.5	XD3P		153	L 4	
7AFE	TOYOTA	1.8	COROLLA	7AFE	109	L 4	93-97
7A-FE	GM	1.8	PRIZM	8	108	L 4	92-04
7A-FE	GM	1.8	PRIZM	LV6	108	L 4	93-94
7B949	CATERPILLAR	0.0	3400		0	L 4	
7E9432	CATERPILLAR	14.6	3406	C	893	L 6	91-95
7F9154	CATERPILLAR	12.2	D326		744	L 6	
7F9154	CATERPILLAR	12.2	D337		744	L 6	
7H1000	CATERPILLAR	20.4	13000		1246	L 6	
7H1000	CATERPILLAR	20.4	D342	2	1246	L 6	
7H1000	CATERPILLAR	20.4	D342	5	1246	L 6	
7H1000	CATERPILLAR	20.4	D8	3	1246	L 6	
7H1000	CATERPILLAR	20.4	D8	6	1246	L 6	
7H1000	CATERPILLAR	20.4	D8K	2	1246	L 6	
7H1000	CATERPILLAR	20.4	G342	1	1246	L 6	
7H1004	CATERPILLAR	13.6	7700		831	L 4	
7H1004	CATERPILLAR	13.6	D339	4	831	L 4	
7H1004	CATERPILLAR	13.6	D339	5	831	L 4	
7H1956	CATERPILLAR	12.2	D326		744	L 6	
7H1956	CATERPILLAR	12.2	D337		744	L 6	
7H3100	CATERPILLAR	24.1	353		1473	L 6	
7H9271	CATERPILLAR	1.4	STARTING MOTOR		83	L 2	
7HA	FORD	3.7	No Model		226	L 6	47-52
7M4000	CATERPILLAR	0.0	619		0	L 4	
7M4000	CATERPILLAR	19.5	D346		1191	V 8	
7M4000	CATERPILLAR	19.5	D346	1	1191	V 8	
7M4000	CATERPILLAR	19.5	D346	2	1191	V 8	
7M4000	CATERPILLAR	29.3	D348		1786	V 12	
7M4300	CATERPILLAR	5.7	D330	CB	350	L 4	
7M4301	CATERPILLAR	5.7	D330	CB	350	L 4	
7M4302	CATERPILLAR	5.7	D330	CB	350	L 4	
7M4303	CATERPILLAR	5.7	D330	CB	350	L 4	
7M4400	CATERPILLAR	8.6	1673	CB	525	L 6	
7M4400	CATERPILLAR	8.6	D333	CB	525	L 6	
7M4400	CATERPILLAR	10.5	1673C	CB	638	L 6	
7M4400	CATERPILLAR	10.5	1673C	CB	638	L 6	
7M4400	CATERPILLAR	10.5	1673C	SP	638	L 6	
7M4400	CATERPILLAR	10.5	3306	CB	638	L 6	
7M4400	CATERPILLAR	10.5	3306	DI	638	L 6	
7M4400	CATERPILLAR	10.5	3306	SP	638	L 6	
7M4400	CATERPILLAR	10.5	3306	SP	638	L 6	
7M4400	CATERPILLAR	10.5	D333C	CB	638	L 6	
7M4400	CATERPILLAR	10.5	D333C	SP	638	L 6	
7M7300	CATERPILLAR	5.7	D330	CB	350	L 4	
7MGE	TOYOTA	3.0	GRESSIDA	7M-GE	180	L 6	86-92
7N1200	CATERPILLAR	14.6	3406		893	L 6	
7N1200	CATERPILLAR	14.6	3406	B	893	L 6	
7N1200	CATERPILLAR	14.6	3406	SP	893	L 6	
7N1976	CATERPILLAR	24.1	353		1473	L 6	
7N1976	CATERPILLAR	24.1	353	C/B	1473	L 6	
7N1976	CATERPILLAR	24.1	D9		1473	L 6	

Cylinder Block Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
7N2052	CATERPILLAR	24.1	353		1473	L 6	
7N3046	CATERPILLAR	24.1	353		1473	L 6	
7N3480	CATERPILLAR	20.4	D342	1	1246	L 6	
7N3480	CATERPILLAR	20.4	D342	4	1246	L 6	
7N3480	CATERPILLAR	20.4	D8	5	1246	L 6	
7N3480	CATERPILLAR	20.4	D8K	1	1246	L 6	
7N3480	CATERPILLAR	20.4	G342		1246	L 6	
7N3500	CATERPILLAR	20.4	13000		1246	L 6	
7N3500	CATERPILLAR	20.4	D342	2	1246	L 6	
7N3500	CATERPILLAR	20.4	D342	5	1246	L 6	
7N3500	CATERPILLAR	20.4	D8	3	1246	L 6	
7N3500	CATERPILLAR	20.4	D8	6	1246	L 6	
7N3500	CATERPILLAR	20.4	D8K	2	1246	L 6	
7N3500	CATERPILLAR	20.4	G342	1	1246	L 6	
7N3627	CATERPILLAR	20.4	13000		1246	L 6	
7N3627	CATERPILLAR	20.4	D342	2	1246	L 6	
7N3627	CATERPILLAR	20.4	D342	5	1246	L 6	
7N3627	CATERPILLAR	20.4	D8	3	1246	L 6	
7N3627	CATERPILLAR	20.4	D8	6	1246	L 6	
7N3627	CATERPILLAR	20.4	D8K	2	1246	L 6	
7N3627	CATERPILLAR	20.4	G342	1	1246	L 6	
7N5456	CATERPILLAR	10.5	3306	SP	638	L 6	
7N840	CATERPILLAR	27.0	3412		1649	V 12	
7N850	CATERPILLAR	18.0	3408		1099	V 8	
7N850	CATERPILLAR	18.0	D8L		1099	V 8	
7N8600X	CATERPILLAR	5.2	3204	DI	318	L 4	
7N8600X	CATERPILLAR	5.2	3204	DI(2)	318	L 4	
7N8600X	CATERPILLAR	5.2	3204	PC	318	L 4	
7N9364	CATERPILLAR	18.0	3408		1099	V 8	
7N9364	CATERPILLAR	18.0	D8L		1099	V 8	
7S3600	CATERPILLAR	14.6	1693		893	L 6	
7S3600	CATERPILLAR	14.6	1693	1	893	L 6	
7S3600	CATERPILLAR	14.6	1693	2	893	L 6	
7S3600	CATERPILLAR	14.6	1693	3	893	L 6	
7S3600	CATERPILLAR	14.6	1693	4	893	L 6	
7S3600	CATERPILLAR	14.6	343		893	L 6	
7S500	CATERPILLAR	11.5	1676		700	V 8	
7S500	CATERPILLAR	11.5	D336		700	V 8	
7S9098	CATERPILLAR	10.5	1673C	CB	638	L 6	
7S9098	CATERPILLAR	10.5	1673C	SP	638	L 6	
7S9098	CATERPILLAR	10.5	1674	1	638	L 6	
7S9098	CATERPILLAR	10.5	1674	2	638	L 6	
7S9098	CATERPILLAR	10.5	1674	3	638	L 6	
7S9098	CATERPILLAR	10.5	334		638	L 6	
7S9098	CATERPILLAR	10.5	D334	1	638	L 6	
7S9098	CATERPILLAR	10.5	D334	2	638	L 6	
7S9098	CATERPILLAR	10.5	D334	3	638	L 6	
7S9889	CATERPILLAR	10.5	1673C	CB	638	L 6	
7S9889	CATERPILLAR	10.5	1673C	CB	638	L 6	
7S9889	CATERPILLAR	10.5	1673C	SP	638	L 6	
7S9889	CATERPILLAR	10.5	1674	1	638	L 6	
7S9889	CATERPILLAR	10.5	1674	2	638	L 6	
7S9889	CATERPILLAR	10.5	1674	3	638	L 6	
7S9889	CATERPILLAR	10.5	334		638	L 6	
7S9889	CATERPILLAR	10.5	D334	1	638	L 6	
7S9889	CATERPILLAR	10.5	D334	2	638	L 6	
7S9889	CATERPILLAR	10.5	D334	3	638	L 6	
80625	ISUZU	5.4	6BB1		329	L 6	
806279	CHRYSLER	2.2	No Model	A/J	134	L 4	42-71
806279	HENRY	2.2	No Model		134	L 4	53-71
806279	JEEP	2.2	No Model		134	L 4	53-71

Cylinder Block Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
807895	CHRYSLER	2.2	No Model	A/J	134	L 4	42-71
807895	HENRY	2.2	No Model		134	L 4	53-71
807895	JEEP	2.2	No Model		134	L 4	53-71
80TM	FORD	4.2	No Model	D	255	V 8	80-82
810	GM	4.6	No Model		283	V 8	56-67
8124-D8	NAVISTAR	5.7	TD-9, 600, 650, SUPER	D	350	L 4	
817267C1	NAVISTAR	3.2	No Model		199	L 6	64-67
81SM-BNA	FORD	1.6	ESCORT,TURBO	8	98	L 4	83-85
81SM-BNA	FORD	1.6	PINTO,FESTIVA		98	L 4	76-80
828575	GM	4.1	No Model	Q	250	L 6	66-75
828575	MERCURISER	4.1	No Model	MIE	250	L 6	66-75
830	CHRYSLER	3.7	No Model		225	L 6	76-87
8306L	NISSAN	1.6	No Model	R16	98	L 4	66-68
8306L	NISSAN	1.6	No Model	R16	98	L 4	69-70
834380	CHRYSLER	2.2	No Model	A/J	134	L 4	42-71
834380	HENRY	2.2	No Model		134	L 4	53-71
834380	JEEP	2.2	No Model		134	L 4	53-71
835501	GM	3.2	No Model	AC	194	L 6	29-32
836010	GM	3.5	No Model	OLD	206	L 6	29-38
836409	GM	3.2	No Model	AC	194	L 6	29-32
836573	GM	3.2	No Model	AC	194	L 6	29-32
836573	GM	3.5	No Model	OLD	206	L 6	29-38
836915	GM	3.5	No Model	OLD	206	L 6	29-38
837231	GM	3.5	No Model	OLD	206	L 6	29-38
8375918	GM	3.5	No Model	OLD	206	L 6	29-38
837751	GM	3.9	No Model		235	L 6	49-62
838101	GM	3.5	No Model		216	L 6	37-52
838710	GM	3.5	No Model		216	L 6	37-52
838710	GM	3.5	No Model	OLD	206	L 6	29-38
838751	GM	3.9	No Model		235	L 6	49-62
838941	GM	3.5	No Model		216	L 6	37-52
838Y	FORD	5.0	No Model	F	302	V 8	83-87
83-906	GM	2.2	LUV	S	137	L 4	81-85
83-906	ISUZU	2.2	D201		136	L 4	
83-906	ISUZU	2.2	No Model	S	136	L 4	86-87
83-906	ISUZU	2.2	No Model	U	136	L 4	85-87
839132	GM	3.5	No Model		216	L 6	37-52
839400	GM	3.5	No Model		216	L 6	37-52
839401	GM	3.5	No Model		216	L 6	37-52
839751	GM	3.9	No Model		235	L 6	49-62
839770	GM	3.5	No Model		216	L 6	37-52
8397715	GM	3.9	No Model		235	L 6	49-62
839910	GM	3.5	No Model		216	L 6	37-52
839931	GM	3.9	No Model		235	L 6	49-62
83TM	FORD	2.8	BRONCO	S	171	V 6	83-86
83TM-AA	FORD	2.8	BRONCO	S	171	V 6	83-86
840	GM	4.6	No Model		283	V 8	56-67
841011	MASSEY FERGUSON	1.4	1030		87	L 3	
86135	GM	6.9	BONNEVILLE	P	421	V 8	61-66
86135	GM	7.0	No Model	P	428	V 8	67-69
862714R1	NAVISTAR	2.5	No Model		152	L 4	61-68
862714R1	NAVISTAR	4.1	M	C	248	L 4	61-68
863712R	NAVISTAR	2.5	No Model		152	L 4	61-68
863712R	NAVISTAR	4.1	M	C	248	L 4	61-68
863712R1	NAVISTAR	2.5	No Model		152	L 4	61-68
863712R1	NAVISTAR	4.1	M	C	248	L 4	61-68
863712R2	NAVISTAR	2.5	No Model		152	L 4	61-68
863712R2	NAVISTAR	4.1	M	C	248	L 4	61-68
863714	NAVISTAR	2.5	No Model		152	L 4	61-68
863714	NAVISTAR	4.1	M	C	248	L 4	61-68
863714R	NAVISTAR	2.5	No Model		152	L 4	61-68

Cylinder Block Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
863714R	NAVISTAR	4.1	M	C	248	L 4	61-68
863714R1	NAVISTAR	2.5	No Model		152	L 4	61-68
863714R1	NAVISTAR	4.1	M	C	248	L 4	61-68
864380	CHRYSLER	2.2	No Model	A/J	134	L 4	42-71
864380	HENRY	2.2	No Model		134	L 4	53-71
864380	JEEP	2.2	No Model		134	L 4	53-71
86BM6015-BA	FORD	1.1	VSG-411		67	L 4	84-88
86K1086	LEYLAND	1.6	4-98		98	L 4	70-80
86TM	FORD	2.9	BRONCO	T	177	V 6	86-92
86TM-AD	FORD	2.9	BRONCO	T	177	V 6	86-92
870129	CHRYSLER	3.6	No Model		218	L 6	65-71
870729	CHRYSLER	4.1	No Model		251	L 6	42-68
870744	CHRYSLER	4.3	No Model		265	L 6	52-68
8713N3	CHRYSLER	3.0	No Model	3	181	V 6	87-95
8713N3	CHRYSLER	3.0	No Model	3	181	V 6	96-99
8713N3	CHRYSLER	3.0	No Model	S	181	V 6	90-92
8713N3	CHRYSLER	3.0	No Model	V	181	V 6	92
8713N3	CHRYSLER	3.0	STEALTH	H	181	V 6	93-95
8713N3	MITSUBISHI	3.0	3000GT	C	181	V 6	91-92
8713N3	MITSUBISHI	3.0	DIMANTE	H	181	V 6	93-96
8713N3	MITSUBISHI	3.0	GALANT	S	181	V 6	88-92
8713N3	MITSUBISHI	3.0	No Model	3	181	V 6	87-91
87800081	FORD	3.1	3910	D	192	L 3	80-89
87TM	FORD	2.9	BRONCO	T	177	V 6	86-92
87TM-AA	FORD	2.9	BRONCO	T	177	V 6	86-92
87TM-AA	FORD	2.9	No Model	V	177	V 6	87-90
880422	VOLVO	2.3	131A		141	L 4	85-85
880422	VOLVO	2.3	740	87	141	L 4	85-87
880422	VOLVO	2.3	740	87	141	L 4	88-94
880422	VOLVO	2.3	740	88	141	L 4	86-94
880422	VOLVO	2.3	B23	(1)	141	L 4	82-84
881214	VOLVO	2.3	131A		141	L 4	85-85
881214	VOLVO	2.3	740	87	141	L 4	85-87
881214	VOLVO	2.3	740	87	141	L 4	88-94
881214	VOLVO	2.3	740	88	141	L 4	86-94
88328	ISUZU	1.4	3KR1		87	L 3	
88820A	WAIKESHA	2.2	180DLC		133	L 4	
891	FORD	6.6	No Model	HD	401	V 8	58-76
8914015	CASE	8.3	6T830	C	505	L 6	85-98
8914015	CUMMINS	8.3	C SERIES	C	505	L 6	85-90
8914015	CUMMINS	8.3	C SERIES	C(2)	505	L 6	91-00
8914015	FORD	8.3	FD-1460		505	L 6	95-00
8921444	DDC	8.2	FUEL PINCHER		500	V 8	
8921444	DDC	8.2	FUEL PINCHER	D	500	V 8	80-89
8921444	GM	8.2	No Model	F	500	V 8	80-91
8921444	GM	8.2	No Model	G	500	V 8	80-91
8929654	DDC	11.1	60 SERIES		677	L 6	86-04
8929656	DDC	11.1	60 SERIES		677	L 6	86-04
8929656	DDC	12.7	60 SERIES		775	L 6	86-04
8933002665	CHRYSLER	4.0	No Model	L	242	L 6	89-90
8933002665	CHRYSLER	4.0	No Model	M	242	L 6	87-88
8933002666	CHRYSLER	4.0	No Model	L	242	L 6	89-90
89330030359	CHRYSLER	2.5	No Model	U	150	L 4	84-86
8933003059	CHRYSLER	2.5	No Model	E	150	L 4	89-93
8933003059	CHRYSLER	2.5	No Model	H	150	L 4	86-88
8933003059	CHRYSLER	2.5	No Model	U	150	L 4	84-86
8933004200	CHRYSLER	2.5	DAKOTA	P	150	L 4	91-02
8933004200	CHRYSLER	2.5	No Model	E	150	L 4	89-93
8933004200	CHRYSLER	2.5	No Model	H	150	L 4	86-88
8933004200	CHRYSLER	2.5	No Model	U	150	L 4	84-86
8994256	GM	4.8	No Model	T	292	L 6	63-73

Cylinder Block Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
89BM6015-EA	FORD	1.1	VSG-411 (2)		67	L 4	89-92
89BM-6015-FA	FORD	1.3	VSG-413		79	L 4	84-89
89TM	FORD	2.9	BRONCO	T	177	V 6	86-92
89TM-AA	FORD	2.9	BRONCO	T	177	V 6	86-92
89TM-AA	FORD	2.9	No Model	V	177	V 6	87-90
8B1491	CATERPILLAR	1.4	STARTING MOTOR		83	L 2	
8B2064	CATERPILLAR	5.1	955		312	L 4	
8B2064	CATERPILLAR	5.1	955		312	L 4	
8B2746	CATERPILLAR	0.0	4400		0	L 4	
8BA	FORD	3.9	No Model		239	V 8	46-53
8CM	FORD	4.3	No Model	L	262	L 6	61-64
8EQ	FORD	5.6	No Model		341	V 8	55
8F4681	CATERPILLAR	1.4	STARTING MOTOR		83	L 2	
8F7949	CATERPILLAR	27.2	364		1662	V 8	
8F7949	CATERPILLAR	27.2	375		1662	V 8	
8F7949	CATERPILLAR	40.8	386		2492	V 12	
8F7949	CATERPILLAR	40.8	386		2492	V 12	
8F7949	CATERPILLAR	40.9	397		2493	V 12	
8H6300	CATERPILLAR	4.1	D2		252	L 4	
8H6300	CATERPILLAR	4.1	D311H		252	L 4	
8H6300	CATERPILLAR	4.1	D320		252	L 4	
8H6300	CATERPILLAR	4.1	D320A		252	L 4	
8HA	FORD	3.7	No Model		226	L 6	47-52
8M1550	CATERPILLAR	1.4	STARTING MOTOR		83	L 2	
8M1900	CATERPILLAR	1.4	STARTING MOTOR		83	L 2	
8M3100	CATERPILLAR	1.4	STARTING MOTOR		83	L 2	
8M4100	CATERPILLAR	1.4	STARTING MOTOR		83	L 2	
8M4890	CATERPILLAR	8.6	1673	CB	525	L 6	
8M4890	CATERPILLAR	8.6	D333	CB	525	L 6	
8M4890	CATERPILLAR	10.5	1673C	CB	638	L 6	
8M4890	CATERPILLAR	10.5	1673C	CB	638	L 6	
8M4890	CATERPILLAR	10.5	1673C	SP	638	L 6	
8M4890	CATERPILLAR	10.5	3306	CB	638	L 6	
8M4890	CATERPILLAR	10.5	3306	DI	638	L 6	
8M4890	CATERPILLAR	10.5	3306	SP	638	L 6	
8M4890	CATERPILLAR	10.5	3306	SP	638	L 6	
8M4890	CATERPILLAR	10.5	D333C	CB	638	L 6	
8M4890	CATERPILLAR	10.5	D333C	SP	638	L 6	
8M4900	CATERPILLAR	5.7	D330	CB	350	L 4	
8MTH	FORD	4.3	No Model	L	262	L 6	61-64
8MTH6015B6	FORD	3.5	No Model		215	L 6	52-53
8N	FORD	2.0	TRACTORS, 2N,8N,9N,NAA	2N	120	L 4	39-54
8N4310	CATERPILLAR	20.4	13000		1246	L 6	
8N4310	CATERPILLAR	20.4	D342	1	1246	L 6	
8N4310	CATERPILLAR	20.4	D342	4	1246	L 6	
8N4310	CATERPILLAR	20.4	D8	5	1246	L 6	
8N4310	CATERPILLAR	20.4	D8K	1	1246	L 6	
8N4310	CATERPILLAR	20.4	G342		1246	L 6	
8N6250	FORD	2.0	TRACTORS, 2N,8N,9N,NAA	2N	120	L 4	39-54
8RT	FORD	3.9	No Model		239	V 8	46-53
8S3200	CATERPILLAR	5.7	D330	CB	350	L 4	
8S3200	CATERPILLAR	7.0	3304	CB	425	L 4	
8S3300	CATERPILLAR	8.6	1673	CB	525	L 6	
8S3300	CATERPILLAR	8.6	D333	CB	525	L 6	
8S3300	CATERPILLAR	10.5	1673C	CB	638	L 6	
8S3300	CATERPILLAR	10.5	1673C	SP	638	L 6	
8S3300	CATERPILLAR	10.5	3306	CB	638	L 6	
8S3300	CATERPILLAR	10.5	3306	DI	638	L 6	
8S3300	CATERPILLAR	10.5	3306	SP	638	L 6	
8S3300	CATERPILLAR	10.5	3306	SP	638	L 6	
8S3300	CATERPILLAR	10.5	3306	SP	638	L 6	

Cylinder Block Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
8S3300	CATERPILLAR	10.5	D333C	CB	638	L 6	
8S3300	CATERPILLAR	10.5	D333C	SP	638	L 6	
8S6405	CATERPILLAR	39.0	D349		2382	V 16	
8S6700	CATERPILLAR	29.3	348		1786	V 12	
8S6770	CATERPILLAR	29.3	348		1786	V 12	
8S6798	CATERPILLAR	39.0	D349		2382	V 16	
8S6800	CATERPILLAR	19.5	D346		1191	V 8	
8S6800	CATERPILLAR	19.5	D346	2	1191	V 8	
8S6800	CATERPILLAR	29.3	D348		1786	V 12	
8S6880	CATERPILLAR	19.5	D346		1191	V 8	
8S6880	CATERPILLAR	19.5	D346	2	1191	V 8	
8S6880	CATERPILLAR	29.3	D348		1786	V 12	
8S8208	CATERPILLAR	29.3	348		1786	V 12	
8X01J	NISSAN	1.6	No Model	R16	98	L 4	66-68
8X01J	NISSAN	1.6	No Model	R16	98	L 4	69-70
90090529	GM	1.8	No Model	J	112	L 4	84-87
90090529	GM	1.8	No Model	O	112	L 4	82-87
90209802	GM	2.0	No Model	K	122	L 4	87-91
90209802	GM	2.0	No Model	K	122	L 4	88-91
90209802	GM	2.0	No Model	M	122	L 4	87-90
90209802	GM	2.0	No Model	M	122	L 4	88-90
90209802	GM	2.0	SUNBIRD	H	122	L 4	90-95
90232238	GM	1.6	LE MANS	6	98	L 4	91-93
9023228	GM	1.6	LE MANS	6	98	L 4	88-90
9023228	GM	1.6	LE MANS	6	98	L 4	91-93
90400045	GM	2.0	SUNBIRD	H	122	L 4	90-95
905	FORD	2.2	TRACTORS, NAA,600,700		134	L 4	54-60
908756	CHRYSLER	2.2	No Model	A/J	134	L 4	42-71
908756	HENRY	2.2	No Model		134	L 4	53-71
908756	JEEP	2.2	No Model		134	L 4	53-71
90TM-6015-BA	FORD	4.0	No Model	X	244	V 6	90-02
90TM-AB	FORD	4.0	No Model	X	244	V 6	90-02
90TM-AB	MAZDA	4.0	B4000	X	244	V 6	90-98
9107D2	CHRYSLER	3.0	No Model	3	181	V 6	87-95
9107D2	CHRYSLER	3.0	No Model	S	181	V 6	90-92
9107D2	CHRYSLER	3.0	No Model	U	181	V 6	91-92
9107D2	CHRYSLER	3.0	No Model	V	181	V 6	92
9107D2	CHRYSLER	3.0	STEALTH	H	181	V 6	93-95
9107D2	MITSUBISHI	3.0	DIMANTE	H	181	V 6	93-96
9107D2	MITSUBISHI	3.0	No Model	3	181	V 6	87-91
914289	JEEP	3.7	No Model		226	L 6	54-65
9142898	JEEP	3.7	No Model		226	L 6	54-65
919613	ISUZU	3.9	4BD1		235	L 4	85-90
919613	ISUZU	3.9	No Model	4BD1	235	L 4	85-90
91A	FORD	3.6	No Model	2	221	V 8	37-45
927071F	CASE	2.7	885		164	L 3	
928790	JEEP	3.8	No Model		230	L 6	62-65
93403466	GM	4.1	No Model	D	250	L 6	77-78
93403466	GM	4.1	No Model	D	250	L 6	78-80
93403466	GM	4.1	No Model	D	250	L 6	81-85
93403466	GM	4.1	No Model	Q	250	L 6	66-75
93403467	GM	4.8	No Model	T	292	L 6	63-73
93403467	GM	4.8	No Model	T	292	L 6	74-77
93403467	GM	4.8	No Model	T	292	L 6	78-90
93406003	GM	4.1	No Model	D	250	L 6	77-78
93406003	GM	4.1	No Model	Q	250	L 6	66-75
93406004	GM	4.8	No Model	T	292	L 6	63-73
93406004	GM	4.8	No Model	T	292	L 6	74-77
93406004	GM	4.8	No Model	T	292	L 6	78-90
9430302621	CATERPILLAR	2.0	VC60		120	L 4	
9456135	GM	7.0	No Model	P	428	V 8	67-69

Cylinder Block Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
956650	CASE	2.5	880		154	L 3	
956650	CASE	2.5	880		154	L 3	
956650	CASE	2.7	885		164	L 3	
95TM-AB	FORD	4.0	No Model	X	244	V 6	90-02
962	GM	5.7	No Model		348	V 8	58-65
96282	MINITUBISHI	11.2	6D22		680	L 6	92-95
96TM-AA	FORD	4.0	No Model	X	244	V 6	90-02
973535	MINITUBISHI	3.9	4D34T		238	L 4	92-94
9773153	GM	5.3	No Model	P	326	V 8	63-67
9773155	GM	6.4	No Model	389	389	V 8	59-66
9773156	GM	5.3	No Model	P	326	V 8	63-67
9773157	GM	6.9	BONNEVILLE	P	421	V 8	61-66
9773157	GM	6.9	BONNEVILLE	P	421	V 8	61-66
9773345	GM	6.4	No Model	389	389	V 8	59-66
9773383	GM	6.4	No Model	389	389	V 8	59-66
9773384	GM	6.9	BONNEVILLE	P	421	V 8	61-66
9773384	GM	6.9	BONNEVILLE	P	421	V 8	61-66
9773524	GM	6.6	FIREBIRD	S	400	V 8	67-79
9777846	GM	5.3	No Model	P	326	V 8	63-67
9778155	GM	6.9	BONNEVILLE	P	421	V 8	61-66
9778155	GM	6.9	BONNEVILLE	P	421	V 8	61-66
9778785	GM	6.9	BONNEVILLE	P	421	V 8	61-66
9778785	GM	7.0	No Model	P	428	V 8	67-69
9778789	GM	6.4	No Model	389	389	V 8	59-66
9778791	GM	6.9	BONNEVILLE	P	421	V 8	61-66
9778791	GM	7.0	No Model	P	428	V 8	67-69
9778840	GM	5.3	No Model	P	326	V 8	63-67
9782000	GM	3.5	TEMPEST		215	L 6	64-65
9782611	GM	6.9	BONNEVILLE	P	421	V 8	61-66
9782611	GM	6.9	BONNEVILLE	P	421	V 8	61-66
9783669	GM	5.3	No Model	P	326	V 8	63-67
9786133	GM	6.6	FIREBIRD	S	400	V 8	67-79
9786133	GM	6.6	No Model	Z	400	V 8	77-79
9786339	GM	5.3	No Model	P	326	V 8	63-67
9786399	GM	5.3	No Model	P	326	V 8	63-67
9787437	GM	3.8	No Model	L	230	L 6	63-70
9787840	GM	5.3	No Model	P	326	V 8	63-67
9790043	GM	4.1	No Model	Q	250	L 6	66-75
9790043	MERCURISER	4.1	No Model	MIE	250	L 6	66-75
9790071	GM	6.6	FIREBIRD	S	400	V 8	67-79
9790071	GM	6.6	No Model	Z	400	V 8	77-79
9790079	GM	5.7	No Model	P	350	V 8	68-77
9792250	GM	6.6	FIREBIRD	S	400	V 8	67-79
9792250	GM	6.6	No Model	Z	400	V 8	77-79
9792281	GM	6.9	BONNEVILLE	P	421	V 8	61-66
9792281	GM	7.0	No Model	P	428	V 8	67-69
9792506	GM	6.6	FIREBIRD	S	400	V 8	67-79
9792510	GM	6.6	FIREBIRD	S	400	V 8	67-79
9792510	GM	6.6	No Model	Z	400	V 8	77-79
9792868	GM	6.6	FIREBIRD	S	400	V 8	67-79
9792968	GM	6.9	BONNEVILLE	P	421	V 8	61-66
9792968	GM	7.0	No Model	P	428	V 8	67-69
9795066	GM	4.1	No Model	Q	250	L 6	66-75
9795066	MERCURISER	4.1	No Model	MIE	250	L 6	66-75
9799140	GM	7.5	No Model	P	455	V 8	70-76
9799914	GM	6.6	FIREBIRD	S	400	V 8	67-79
9799914	GM	6.6	No Model	S	400	V 8	75-75
9799914	GM	6.6	No Model	Z	400	V 8	77-79
9799916	GM	5.7	No Model	P	350	V 8	68-77
97JM-AE	FORD	4.0	EXPLORER	K	245	V 6	00-04
97JM-AE	FORD	4.0	EXPLORER,MOUNTAINEER	E	244	V 6	97-01

Cylinder Block Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
97TM-	FORD	4.0	No Model	X	244	V 6	90-02
983528	OLIVER	3.1	1355		191	L 4	
98618	OMC	3.7	No Model		225	L 4	87-90
9890043	GM	4.1	No Model	Q	250	L 6	66-75
9890043	MERCURISER	4.1	No Model	MIE	250	L 6	66-75
991503	GM	3.7	No Model	B	225	V 6	64-67
9F8092	CATERPILLAR	1.4	STARTING MOTOR		83	L 2	
9H2301	CATERPILLAR	1.4	STARTING MOTOR		83	L 2	
9H6196	CATERPILLAR	1.4	STARTING MOTOR		83	L 2	
9L6571	CATERPILLAR	10.4	3208		636	V 8	
9L6571	CATERPILLAR	10.4	3208	1	636	V 8	
9L6571	CATERPILLAR	10.4	3208	2	636	V 8	
9L6571	CATERPILLAR	10.4	3208	TURBO	636	V 8	87-92
9L9286	CATERPILLAR	8.6	1140		522	V 8	
9L9286	CATERPILLAR	8.6	1145		522	V 8	
9L9286	CATERPILLAR	8.6	3140		522	V 8	
9L9286	CATERPILLAR	8.6	3145		522	V 8	
9L9286	CATERPILLAR	9.4	1150		573	V 8	
9L9286	CATERPILLAR	10.4	1160		636	V 8	
9L9286	CATERPILLAR	10.4	3150		636	V 8	
9L9286	CATERPILLAR	10.4	3160		636	V 8	
9M3247	CATERPILLAR	1.4	STARTING MOTOR		83	L 2	
9M4200	CATERPILLAR	13.6	7700		831	L 4	
9M4200	CATERPILLAR	13.6	D339	4	831	L 4	
9M4200	CATERPILLAR	13.6	D339	5	831	L 4	
9M4201	CATERPILLAR	13.6	D339	2	831	L 4	
9M4201	CATERPILLAR	13.6	D339	4	831	L 4	
9M4201	CATERPILLAR	13.6	D339	5	831	L 4	
9M4201	CATERPILLAR	13.6	D7	1	831	L 4	
9M4201	CATERPILLAR	13.6	D7	2	831	L 4	
9M4208	CATERPILLAR	13.6	7700		831	L 4	
9M4208	CATERPILLAR	13.6	D339	4	831	L 4	
9M4208	CATERPILLAR	13.6	D339	5	831	L 4	
9M7710	CATERPILLAR	1.4	STARTING MOTOR		83	L 2	
9M8810	CATERPILLAR	1.4	STARTING MOTOR		83	L 2	
9N	FORD	2.0	TRACTORS, 2N,8N,9N,NAA	2N	120	L 4	39-54
9N3100	CATERPILLAR	8.6	1140		522	V 8	
9N3100	CATERPILLAR	8.6	1145		522	V 8	
9N3100	CATERPILLAR	8.6	3140		522	V 8	
9N3100	CATERPILLAR	8.6	3145		522	V 8	
9N3100	CATERPILLAR	9.4	1150		573	V 8	
9N3100	CATERPILLAR	10.4	1160		636	V 8	
9N3100	CATERPILLAR	10.4	3150		636	V 8	
9N3100	CATERPILLAR	10.4	3160		636	V 8	
9N3100	CATERPILLAR	10.4	3208		636	V 8	
9N3100	CATERPILLAR	10.4	3208	1	636	V 8	
9N3100	CATERPILLAR	10.4	3208	2	636	V 8	
9N3100	CATERPILLAR	10.4	3208	TURBO	636	V 8	87-92
9N3758	CATERPILLAR	10.4	3208		636	V 8	
9N3758	CATERPILLAR	10.4	3208	1	636	V 8	
9N3758	CATERPILLAR	10.4	3208	2	636	V 8	
9N3758	CATERPILLAR	10.4	3208	TURBO	636	V 8	87-92
A021004	CONTINENTAL	2.0	TMD20	TMD	122	L 3	
A1200	CASE	4.7	830		284	L 4	
A136813	CASE	3.4	450B	D	207	L 4	
A136813	CASE	3.4	450B	DT	207	L 4	
A18A1	HONDA	1.8	PRELUDE	ET2	112	L 4	84-86
A20A1	HONDA	2.0	ACCORD	A20A1	119	L 4	87-89
A20A3	HONDA	2.0	ACCORD	A20A3	119	L 4	87-89
A3462R	JOHN DEERE	1.7	40		101	L 2	
A3462R	JOHN DEERE	1.8	420		113	L 2	

Cylinder Block Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
A3462R	JOHN DEERE	5.3	A		321	L 2	34-52
A3493	CASE	4.4	700B		267	L 4	
A3493	CASE	4.4	730 SERIES	D	267	L 4	
A3493	CASE	4.9	830	D	301	L 4	60-70
A34943	CASE	4.7	830		284	L 4	
A34943	CASE	4.7	830		284	L 4	
A3703R	JOHN DEERE	1.7	40		101	L 2	
A3703R	JOHN DEERE	1.8	420		113	L 2	
A3703R	JOHN DEERE	5.3	A		321	L 2	34-52
A37209	CASE	2.6	530	G	159	L 4	
A38536	CASE	3.1	430	D	188	L 4	
A4320R	JOHN DEERE	5.3	60		321	L 2	
A4320R	JOHN DEERE	5.3	A		321	L 2	34-52
A5620R	JOHN DEERE	5.0	630		303	L 2	56-60
A5850	CASE	5.5	336	BDT	336	L 4	
A5850	CASE	5.5	336	D	336	L 4	
A5850	CASE	8.3	1370	BDT	504	L 6	
A5850	CASE	8.3	2090	D	504	L 6	
A5850	CASE	8.3	2290	BDT(2)	504	L 6	
A6652	CASE	5.5	336	BDT	336	L 4	
A6652	CASE	5.5	336	D	336	L 4	
A6652	CASE	8.3	1370	BDT	504	L 6	
A6652	CASE	8.3	2090	D	504	L 6	
A6652	CASE	8.3	2290	BDT(2)	504	L 6	
AE7488	CHRYSLER	2.3	4D55	E	143	L 4	83-85
AE7488	CHRYSLER	2.3	M4D55	J	143	L 4	84-85
AE7488	FORD	2.3	No Model	E	140	L 4	85-87
AE7488	MITSUBISHI	2.3	4D55	J	143	L 4	83-87
AE7498	CHRYSLER	2.3	4D55	E	143	L 4	83-85
AE7498	CHRYSLER	2.3	M4D55	J	143	L 4	84-85
AE7498	FORD	2.3	No Model	E	140	L 4	85-87
AE7498	MITSUBISHI	2.3	4D55	J	143	L 4	83-87
AM2916-20	ALLIS CHALMERS	2.1	B & C	B	125	L 4	
AM4339	ALLIS CHALMERS	2.4	D14		149	L 4	
AM4339-2	ALLIS CHALMERS	2.4	D14		149	L 4	
AM4339-6	ALLIS CHALMERS	2.4	D14		149	L 4	
AM5247	ALLIS CHALMERS	2.6	G1600		160	L 4	
AM5247-3	ALLIS CHALMERS	2.6	G1600		160	L 4	
B1305R	JOHN DEERE	2.9	B		175	L 2	
B1783R	JOHN DEERE	1.7	40		101	L 2	
B1783R	JOHN DEERE	1.8	420		113	L 2	
B1783R	JOHN DEERE	2.9	B		175	L 2	
B20A3	HONDA	2.0	PRELUDE	B20A3	119	L 4	88-91
B20A5	HONDA	2.0	PRELUDE	B20A5	119	L 4	87-91
B21A1	HONDA	2.1	PRELUDE	B21A1	125	L 4	90-91
B2500	JOHN DEERE	1.7	40		101	L 2	
B2500	JOHN DEERE	1.8	420		113	L 2	
B2500R	JOHN DEERE	2.9	B		175	L 2	
B3	FORD	1.3	FESTIVA	K	81	L 4	88-89
B3	FORD	1.3	FESTIVA,ASPIRE	H	81	L 4	89-97
B-3	FORD	1.3	FESTIVA,ASPIRE	H	81	L 4	89-97
B3087R	JOHN DEERE	3.1	50		190	L 2	35-45
B3203R	JOHN DEERE	3.1	50		190	L 2	35-45
B354	JOHN DEERE	2.9	B		175	L 2	
B354R	JOHN DEERE	2.9	B		175	L 2	
B3740R	JOHN DEERE	3.1	520		190	L 2	
B3740R	JOHN DEERE	3.1	530		190	L 2	
B4030019	HERCULES	3.7	D-2300		226	L 4	
B560	JOHN DEERE	2.9	B		175	L 2	
B5A-E	FORD	4.8	No Model		292	V 8	55-66
B6	FORD	1.6	CAPRI	Z	98	L 4	91-94

Cylinder Block Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
B6	FORD	1.6	CAPRI,TRACER	6	98	L 4	91-94
B6	FORD	1.6	TRACER	5	98	L 4	87-92
B61K	MAZDA	1.6	323	B6	97	L 4	93-94
B630	MAZDA	1.6	323	B6	97	L 4	87-92
B64E	MAZDA	1.6	MIATA	B6	98	L 4	90-95
B-6E	FORD	1.6	CAPRI,TRACER	6	98	L 4	91-94
B6TE-A	FORD	5.4	No Model		332	V 8	58-59
B6TE-A	FORD	5.4	No Model	CAR	332	V 8	58-59
B7AE	FORD	4.4	No Model		272	V 8	56-66
B7AE	FORD	4.8	No Model		292	V 8	55-66
B7AE	FORD	5.1	FAIRLANE		312	V 8	56-60
B7ME-A	FORD	5.1	FAIRLANE		312	V 8	56-60
B8NN-6015-B	FORD	2.8	No Model	D	172	L 4	55-60
B9AE	FORD	4.4	No Model		272	V 8	56-66
B9AE	FORD	4.8	No Model		292	V 8	55-66
B9AE-F	FORD	4.4	No Model		272	V 8	56-66
B9ME-D	FORD	7.0	EDSEL	K	430	V 8	58-65
B9NN 6015-A	FORD	2.4	501	IND	144	L 4	61-67
B9NN-6015-A	FORD	2.8	No Model	D	172	L 4	55-60
BA205A	HONDA	2.0	PRELUDE	B20A5	119	L 4	87-91
BP	FORD	1.8	ESCORT,TRACER	8	112	L 4	91-98
BP01	MAZDA	1.8	MIATA	BP	112	L 4	90-96
BP01	MAZDA	1.8	PROTÉGÉ	4	112	L 4	93-94
BP05	MAZDA	1.8	MIATA	BP	112	L 4	90-96
C0DE	FORD	2.4	FALCON		144	L 6	60-64
C0DE-A	FORD	2.8	FALCON	1	170	L 6	61-72
C0DE-D	FORD	2.8	FALCON	1	170	L 6	61-72
C0ME	FORD	7.0	EDSEL	K	430	V 8	58-65
C0NN-6015-J	FORD	2.8	No Model	G	172	L 4	53-80
C0NN-G	FORD	2.2	TRACTORS, NAA,600,700		134	L 4	54-60
C0NN-J	FORD	2.8	No Model	G	172	L 4	53-80
C0TE	FORD	4.8	No Model		292	V 8	55-66
C0TE-8	FORD	4.4	No Model		272	V 8	56-66
C0TE-8	FORD	4.8	No Model		292	V 8	55-66
C1AE	FORD	4.8	No Model		292	V 8	55-66
C1AE	FORD	5.8	No Model		352	V 8	58-67
C1AE-A	FORD	6.4	No Model	H	390	V 8	61-76
C1AE-C	FORD	6.4	No Model	H	390	V 8	61-76
C1AE-G	FORD	6.4	No Model	H	390	V 8	61-76
C1AE-K	FORD	3.7	No Model		223	L 6	54-64
C1AE-R	FORD	4.4	No Model		272	V 8	56-66
C1AE-R	FORD	4.8	No Model		292	V 8	55-66
C1DE	FORD	2.4	FALCON		144	L 6	60-64
C1DE	FORD	3.3	No Model	T	200	L 6	63-79
C1DE-A	FORD	2.4	FALCON		144	L 6	60-64
C1DE-E	FORD	2.8	FALCON	1	170	L 6	61-72
C1TE	FORD	4.4	No Model		272	V 8	56-66
C1TE	FORD	4.8	No Model		292	V 8	55-66
C1TE-A	FORD	4.3	MERCURY METEOR		260	V 8	63-64
C1TE-B	FORD	4.3	MERCURY METEOR		260	V 8	63-64
C1TE-C	FORD	4.3	MERCURY METEOR		260	V 8	63-64
C1TE-F	FORD	7.8	No Model	GAS	477	V 8	78-81
C1TE-F	FORD	8.8	No Model		534	V 8	58-81
C1UE	FORD	2.4	FALCON		144	L 6	60-64
C1VE	FORD	7.0	EDSEL	K	430	V 8	58-65
C20E-G	FORD	3.6	MERCURY COMET	V	221	V 8	62-63
C27A4	HONDA	2.7	ACCORD	C27A4	163	V 6	95-97
C2AE	FORD	3.7	No Model		223	L 6	54-64
C2AE	FORD	4.8	No Model		292	V 8	55-66
C2AE	FORD	5.8	No Model		352	V 8	58-67
C2AE-A	FORD	4.4	No Model		272	V 8	56-66

Cylinder Block Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
C2AE-A	FORD	4.8	No Model		292	V 8	55-66
C2AE-C	FORD	4.4	No Model		272	V 8	56-66
C2AE-C	FORD	4.8	No Model		292	V 8	55-66
C2AE-J	FORD	6.4	No Model	H	390	V 8	61-76
C2OE-A	FORD	4.3	MERCURY METEOR		260	V 8	63-64
C2OE-G	FORD	4.3	MERCURY METEOR		260	V 8	63-64
C2OE-J	FORD	4.3	MERCURY METEOR		260	V 8	63-64
C2SE	FORD	6.4	No Model	H	390	V 8	61-76
C2TE-A	FORD	4.3	MERCURY METEOR		260	V 8	63-64
C2TE-A	FORD	6.0	No Model		368	V 8	56-57
C2VE	FORD	7.0	EDSEL	K	430	V 8	58-65
C30E	FORD	3.6	MERCURY COMET	V	221	V 8	62-63
C30E-A	FORD	3.6	MERCURY COMET	V	221	V 8	62-63
C30E-B	FORD	3.6	MERCURY COMET	V	221	V 8	62-63
C30E-B	FORD	4.3	MERCURY METEOR		260	V 8	63-64
C3AE	FORD	2.4	FALCON		144	L 6	60-64
C3AE	FORD	4.3	MERCURY METEOR		260	V 8	63-64
C3AE	FORD	6.7	No Model		410	V 8	66-67
C3AE-1	FORD	4.7	FALCON	K	289	V 8	64-68
C3AE-A	FORD	5.8	No Model		352	V 8	58-67
C3AE-A	FORD	6.4	No Model	H	390	V 8	61-76
C3AE-A	FORD	6.4	No Model	M	390	V 8	68-76
C3AE-A	FORD	6.7	No Model		410	V 8	66-67
C3AE-AB	FORD	4.1	No Model	L	250	L 6	79-81
C3AE-AC	FORD	3.7	No Model		223	L 6	54-64
C3AE-B	FORD	6.4	No Model	H	390	V 8	61-76
C3AE-B	FORD	6.4	No Model	M	390	V 8	68-76
C3AE-C	FORD	6.4	No Model	H	390	V 8	61-76
C3AE-C	FORD	6.4	No Model	M	390	V 8	68-76
C3AE-E	FORD	5.8	No Model		352	V 8	58-67
C3AE-E	FORD	6.4	No Model	H	390	V 8	61-76
C3AE-E	FORD	6.4	No Model	M	390	V 8	68-76
C3AE-F	FORD	3.7	No Model		223	L 6	54-64
C3AE-F	FORD	5.8	No Model		352	V 8	58-67
C3AE-G	FORD	5.8	No Model		352	V 8	58-67
C3AE-G	FORD	6.4	No Model	H	390	V 8	61-76
C3AE-G	FORD	6.4	No Model	M	390	V 8	68-76
C3AE-H	FORD	6.4	No Model	H	390	V 8	61-76
C3AE-H	FORD	6.4	No Model	M	390	V 8	68-76
C3AE-M	FORD	7.0	EDSEL	K	430	V 8	58-65
C3AE-M	FORD	7.0	FE	R, W	427	V 8	63-68
C3AE-N	FORD	4.7	FALCON	K	289	V 8	64-68
C3AE-V	FORD	6.7	No Model		410	V 8	66-67
C3AE-V	FORD	6.7	No Model	B	406	V 8	62-63
C3AE-Z	FORD	7.0	EDSEL	K	430	V 8	58-65
C3AE-Z	FORD	7.0	FE	R, W	427	V 8	63-68
C3D5	FORD	2.4	FALCON		144	L 6	60-64
C3DE	FORD	2.4	FALCON		144	L 6	60-64
C3DE-A	FORD	2.4	FALCON		144	L 6	60-64
C3DE-A	FORD	2.8	FALCON	1	170	L 6	61-72
C3DE-D	FORD	2.8	FALCON	1	170	L 6	61-72
C3DE-E	FORD	2.4	FALCON		144	L 6	60-64
C3DE-E	FORD	2.8	FALCON	1	170	L 6	61-72
C3OE-B	FORD	4.3	MERCURY METEOR		260	V 8	63-64
C3OE-C	FORD	3.3	No Model	T	200	L 6	63-79
C3OE-C	FORD	4.3	MERCURY METEOR		260	V 8	63-64
C3OE-G	FORD	4.7	FALCON	K	289	V 8	64-68
C3TE	FORD	5.4	No Model		332	V 8	58-59
C3TE	FORD	5.4	No Model	CAR	332	V 8	58-59
C3TE-A	FORD	5.0	No Model	F	302	V 8	56-65
C3TE-A	FORD	5.4	No Model		332	V 8	58-59

Cylinder Block Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
C3TE-A	FORD	5.4	No Model	CAR	332	V 8	58-59
C3TE-B	FORD	5.0	No Model	F	302	V 8	56-65
C3TE-B	FORD	5.4	No Model		332	V 8	58-59
C3TE-B	FORD	5.4	No Model	CAR	332	V 8	58-59
C3TE-C	FORD	4.3	MERCURY METEOR		260	V 8	63-64
C3TE-D	FORD	4.3	MERCURY METEOR		260	V 8	63-64
C3TE-E	FORD	4.3	MERCURY METEOR		260	V 8	63-64
C4AE	FORD	4.7	FALCON	K	289	V 8	64-68
C4AE	FORD	5.4	No Model		332	V 8	58-59
C4AE	FORD	5.4	No Model	CAR	332	V 8	58-59
C4AE	FORD	5.4	No Model	HD	330	V 8	66-76
C4AE	FORD	6.4	No Model	HD	391	V 8	64-79
C4AE	FORD	6.4	No Model	M	390	V 8	68-76
C4AE-A	FORD	5.4	No Model		332	V 8	58-59
C4AE-A	FORD	5.4	No Model	CAR	332	V 8	58-59
C4AE-A	FORD	5.4	No Model	HD	330	V 8	66-76
C4AE-A	FORD	5.4	No Model	LD	330	V 8	62-65
C4AE-A	FORD	5.8	No Model		352	V 8	58-67
C4AE-A	FORD	5.9	No Model	HD	361	V 8	66-78
C4AE-A	FORD	6.4	No Model	HD	391	V 8	64-79
C4AE-A	FORD	6.4	No Model	M	390	V 8	68-76
C4AE-B	FORD	6.4	No Model	H	390	V 8	61-76
C4AE-B	FORD	6.4	No Model	M	390	V 8	68-76
C4AE-E	FORD	6.4	No Model	H	390	V 8	61-76
C4AE-E	FORD	6.4	No Model	M	390	V 8	68-76
C4DE	FORD	2.4	FALCON		144	L 6	60-64
C4DE-A	FORD	2.4	FALCON		144	L 6	60-64
C4DE-A	FORD	2.8	FALCON	1	170	L 6	61-72
C4DE-A	FORD	3.3	No Model	T	200	L 6	63-79
C4DE-AC	FORD	3.3	No Model	T	200	L 6	63-79
C4DE-H	FORD	2.8	FALCON	1	170	L 6	61-72
C4DE-H	FORD	3.3	No Model	T	200	L 6	63-79
C4DZ	FORD	2.4	FALCON		144	L 6	60-64
C4DZ	FORD	3.3	No Model	T	200	L 6	63-79
C4ME	FORD	5.9	No Model	Y	360	V 8	68-78
C4ME	FORD	6.4	No Model	H	390	V 8	61-76
C4OE-A	FORD	3.3	No Model	T	200	L 6	63-79
C4OE-B	FORD	4.3	MERCURY METEOR		260	V 8	63-64
C4OE-B	FORD	4.7	FALCON	K	289	V 8	64-68
C4OE-C	FORD	4.3	MERCURY METEOR		260	V 8	63-64
C4OE-C	FORD	4.7	FALCON	K	289	V 8	64-68
C4OE-D	FORD	4.3	MERCURY METEOR		260	V 8	63-64
C4OE-D	FORD	4.7	FALCON	K	289	V 8	64-68
C4OE-E	FORD	4.3	MERCURY METEOR		260	V 8	63-64
C4OE-F	FORD	4.3	MERCURY METEOR		260	V 8	63-64
C4OE-F	FORD	4.7	FALCON	K	289	V 8	64-68
C4OE-G	FORD	4.7	FALCON	K	289	V 8	64-68
C4TE-A	FORD	5.4	No Model		332	V 8	58-59
C4TE-A	FORD	5.4	No Model	CAR	332	V 8	58-59
C4TE-A	FORD	5.4	No Model	HD	330	V 8	66-76
C4TE-A	FORD	5.4	No Model	LD	330	V 8	62-65
C4TE-B	FORD	5.9	No Model	HD	361	V 8	66-78
C4TE-B	FORD	6.4	No Model	H	390	V 8	61-76
C4TE-B	FORD	6.4	No Model	HD	391	V 8	64-79
C4TE-B	FORD	6.4	No Model	M	390	V 8	68-76
C4TE-C	FORD	4.3	MERCURY METEOR		260	V 8	63-64
C4TE-C	FORD	5.4	No Model		332	V 8	58-59
C4TE-C	FORD	5.4	No Model	CAR	332	V 8	58-59
C4TE-C	FORD	5.4	No Model	HD	330	V 8	66-76
C4TE-C	FORD	5.4	No Model	LD	330	V 8	62-65
C4TE-D	FORD	5.9	No Model	HD	361	V 8	66-78

Cylinder Block Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
C4TE-D	FORD	6.4	No Model	H	390	V 8	61-76
C4TE-D	FORD	6.4	No Model	HD	391	V 8	64-79
C4TE-D	FORD	6.4	No Model	M	390	V 8	68-76
C4TE-F	FORD	5.4	No Model		332	V 8	58-59
C4TE-F	FORD	5.4	No Model	CAR	332	V 8	58-59
C4TE-F	FORD	5.4	No Model	HD	330	V 8	66-76
C4TE-F	FORD	5.4	No Model	LD	330	V 8	62-65
C4TE-G	FORD	5.4	No Model		332	V 8	58-59
C4TE-G	FORD	5.4	No Model	CAR	332	V 8	58-59
C4TE-G	FORD	5.4	No Model	HD	330	V 8	66-76
C4TE-G	FORD	5.4	No Model	LD	330	V 8	62-65
C4TE-K	FORD	5.4	No Model		332	V 8	58-59
C4TE-K	FORD	5.4	No Model	CAR	332	V 8	58-59
C4TE-K	FORD	5.4	No Model	HD	330	V 8	66-76
C4TE-K	FORD	5.4	No Model	LD	330	V 8	62-65
C4TE-L	FORD	5.4	No Model		332	V 8	58-59
C4TE-L	FORD	5.4	No Model	CAR	332	V 8	58-59
C4TE-L	FORD	5.4	No Model	HD	330	V 8	66-76
C4TE-L	FORD	5.4	No Model	LD	330	V 8	62-65
C4TE-M	FORD	5.9	No Model	HD	361	V 8	66-78
C4TE-M	FORD	6.4	No Model	HD	391	V 8	64-79
C4TE-Q	FORD	4.3	MERCURY METEOR		260	V 8	63-64
C5AE	FORD	3.9	No Model	A	240	L 6	65-74
C5AE	FORD	4.7	FALCON	K	289	V 8	64-68
C5AE	FORD	4.9	No Model		300	L 6	76-85
C5AE	FORD	5.0	No Model	F	302	V 8	68-73
C5AE	FORD	5.4	No Model	HD	330	V 8	66-76
C5AE	FORD	5.9	No Model	HD	361	V 8	66-78
C5AE	FORD	5.9	No Model	Y	360	V 8	68-78
C5AE	FORD	6.4	No Model	H	390	V 8	61-76
C5AE	FORD	6.4	No Model	HD	391	V 8	64-79
C5AE	FORD	6.4	No Model	M	390	V 8	68-76
C5AE-	FORD	5.0	No Model	G	302	V 8	74-81
C5AE-A	FORD	4.7	FALCON	K	289	V 8	64-68
C5AE-A	FORD	5.4	No Model		332	V 8	58-59
C5AE-A	FORD	5.4	No Model	CAR	332	V 8	58-59
C5AE-A	FORD	5.4	No Model	HD	330	V 8	66-76
C5AE-A	FORD	5.4	No Model	LD	330	V 8	62-65
C5AE-A	FORD	5.8	No Model		352	V 8	58-67
C5AE-A	FORD	5.9	No Model	HD	361	V 8	66-78
C5AE-A	FORD	6.4	No Model	H	390	V 8	61-76
C5AE-A	FORD	6.4	No Model	M	390	V 8	68-76
C5AE-A	FORD	6.7	No Model		410	V 8	66-67
C5AE-A	FORD	7.0	EDSEL	K	430	V 8	58-65
C5AE-A	FORD	7.0	FE		428	V 8	66-70
C5AE-C	FORD	3.9	No Model	A	240	L 6	65-74
C5AE-C	FORD	4.9	CSG-649		300	L 6	65-93
C5AE-C	FORD	4.9	No Model		300	L 6	76-85
C5AE-C	FORD	4.9	No Model	9	300	L 6	82-84
C5AE-D	FORD	3.9	No Model	A	240	L 6	65-74
C5AE-D	FORD	4.9	CSG-649		300	L 6	65-93
C5AE-D	FORD	4.9	No Model		300	L 6	76-85
C5AE-D	FORD	4.9	No Model	9	300	L 6	82-84
C5AE-D	FORD	7.0	EDSEL	K	430	V 8	58-65
C5AE-D	FORD	7.0	FE	R, W	427	V 8	63-68
C5AE-E	FORD	4.7	FALCON	K	289	V 8	64-68
C5AE-E	FORD	5.0	No Model	F	302	V 8	74-82
C5AE-E	FORD	5.0	No Model	G	302	V 8	74-81
C5AE-E	FORD	6.4	No Model	H	390	V 8	61-76
C5AE-E	FORD	6.4	No Model	M	390	V 8	68-76
C5AE-F	FORD	3.9	No Model	A	240	L 6	65-74

Cylinder Block Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
C5AE-F	FORD	4.9	CSG-649		300	L 6	65-93
C5AE-F	FORD	4.9	No Model		300	L 6	76-85
C5AE-F	FORD	4.9	No Model	9	300	L 6	82-84
C5AE-H	FORD	7.0	FE	R, W	427	V 8	63-68
C5DE-A	FORD	2.8	FALCON	1	170	L 6	61-72
C5DE-E	FORD	2.8	FALCON	1	170	L 6	61-72
C5DE-E	FORD	3.3	No Model	T	200	L 6	63-79
C5DE-F	FORD	2.8	FALCON	1	170	L 6	61-72
C5DE-G	FORD	2.4	FALCON		144	L 6	60-64
C5DE-G	FORD	2.8	FALCON	1	170	L 6	61-72
C5DE-H	FORD	3.3	No Model	T	200	L 6	63-79
C5DH-H	FORD	3.3	No Model	T	200	L 6	63-79
C5HN-6015-AE	FORD	7.8	No Model	A	474	L 6	86-95
C5JE-B	FORD	3.3	No Model	T	200	L 6	63-79
C5JE-C	FORD	3.3	No Model	T	200	L 6	63-79
C5NE-6015-C	FORD	3.3	535	G	201	L 3	65-72
C5NE-6015-T	FORD	3.3	535	G	201	L 3	65-72
C5NE-6015-T	FORD	3.3	555	D	201	L 3	75-90
C5NE-6015-T	FORD	3.3	BSD-333		201	L 3	65-72
C5NE-6015-U	FORD	3.8	5000	D	233	L 4	72-78
C5NE-6015-V	FORD	3.3	535	G	201	L 3	65-72
C5NE-6015-V	FORD	3.3	555	D	201	L 3	75-90
C5NE-6015-V	FORD	3.3	BSD-333		201	L 3	65-72
C5NE-T	FORD	2.6	2000 SERIES	D	158	L 3	61-75
C5NE-T	FORD	2.6	2000 SERIES	G	158	L 3	68-75
C5NE-T	FORD	2.9	2000	G	175	L 3	65-68
C5NE-T	FORD	2.9	3000	D	175	L 3	61-75
C5NN-6015-T	FORD	3.3	535	G	201	L 3	65-72
C5NN-6015-T	FORD	3.3	555	D	201	L 3	75-90
C5NN-6015-T	FORD	3.3	BSD-333		201	L 3	65-72
C5OE-A	FORD	4.7	FALCON	K	289	V 8	64-68
C5TE-AA	FORD	3.9	No Model	A	240	L 6	65-74
C5TE-B	FORD	3.9	No Model	A	240	L 6	65-74
C5TE-B	FORD	4.9	CSG-649		300	L 6	65-93
C5TE-B	FORD	4.9	No Model		300	L 6	76-85
C5TE-B	FORD	4.9	No Model	9	300	L 6	82-84
C5TE-C	FORD	3.9	No Model	A	240	L 6	65-74
C5TE-C	FORD	4.9	CSG-649		300	L 6	65-93
C5TE-C	FORD	4.9	No Model		300	L 6	76-85
C5TE-C	FORD	4.9	No Model	9	300	L 6	82-84
C5TE-D	FORD	3.9	No Model	A	240	L 6	65-74
C5TE-E	FORD	3.9	No Model	A	240	L 6	65-74
C5TE-G	FORD	4.9	CSG-649		300	L 6	65-93
C5TE-G	FORD	4.9	No Model		300	L 6	76-85
C5TE-G	FORD	4.9	No Model	9	300	L 6	82-84
C60-0109F	NISSAN	4.0	No Model		241	L 6	79-86
C6AE	FORD	3.9	No Model	A	240	L 6	65-74
C6AE	FORD	4.7	FALCON	K	289	V 8	64-68
C6AE	FORD	4.9	No Model		300	L 6	76-85
C6AE	FORD	5.0	No Model	F	302	V 8	68-73
C6AE	FORD	6.4	No Model	M	390	V 8	68-76
C6AE	FORD	7.0	FE		428	V 8	66-70
C6AE-	FORD	5.0	No Model	G	302	V 8	74-81
C6AE-A	FORD	5.4	No Model		332	V 8	58-59
C6AE-A	FORD	5.4	No Model	CAR	332	V 8	58-59
C6AE-A	FORD	5.4	No Model	HD	330	V 8	66-76
C6AE-A	FORD	5.4	No Model	LD	330	V 8	62-65
C6AE-A	FORD	6.4	No Model	H	390	V 8	61-76
C6AE-A	FORD	6.4	No Model	M	390	V 8	68-76
C6AE-A	FORD	7.0	FE		428	V 8	66-70
C6AE-B	FORD	7.0	FE	R, W	427	V 8	63-68

Cylinder Block Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
C6AE-C	FORD	4.7	FALCON	K	289	V 8	64-68
C6AE-C	FORD	5.0	No Model	F	302	V 8	74-82
C6AE-C	FORD	5.0	No Model	G	302	V 8	74-81
C6AE-C	FORD	7.0	FE	R, W	427	V 8	63-68
C6AE-D	FORD	3.9	No Model	A	240	L 6	65-74
C6AE-D	FORD	7.0	FE	R, W	427	V 8	63-68
C6AE-F	FORD	3.9	No Model	A	240	L 6	65-74
C6AE-F	FORD	4.9	CSG-649		300	L 6	65-93
C6AE-F	FORD	4.9	No Model		300	L 6	76-85
C6AE-F	FORD	4.9	No Model	9	300	L 6	82-84
C6AE-F	FORD	7.0	FE		428	V 8	66-70
C6AE-N	FORD	4.7	FALCON	K	289	V 8	64-68
C6AF	FORD	5.8	No Model		352	V 8	58-67
C6DE-A	FORD	2.8	FALCON	1	170	L 6	61-72
C6DE-A	FORD	3.3	No Model	T	200	L 6	63-79
C6DE-B	FORD	2.8	FALCON	1	170	L 6	61-72
C6DE-B	FORD	3.3	No Model	T	200	L 6	63-79
C6DE-C	FORD	2.8	FALCON	1	170	L 6	61-72
C6DE-E	FORD	2.8	FALCON	1	170	L 6	61-72
C6DE-G	FORD	2.8	FALCON	1	170	L 6	61-72
C6DE-H	FORD	3.3	No Model	T	200	L 6	63-79
C6JE-B	FORD	7.0	FE MARINE		427	V 8	63-68
C6ME	FORD	5.4	No Model		332	V 8	58-59
C6ME	FORD	5.4	No Model	CAR	332	V 8	58-59
C6ME	FORD	5.4	No Model	HD	330	V 8	66-76
C6ME	FORD	5.9	No Model	HD	361	V 8	66-78
C6ME	FORD	5.9	No Model	Y	360	V 8	68-78
C6ME	FORD	6.4	No Model	H	390	V 8	61-76
C6ME	FORD	6.4	No Model	HD	391	V 8	64-79
C6ME	FORD	6.4	No Model	M	390	V 8	68-76
C6ME-A	FORD	5.4	No Model		332	V 8	58-59
C6ME-A	FORD	5.4	No Model	CAR	332	V 8	58-59
C6ME-A	FORD	5.4	No Model	HD	330	V 8	66-76
C6ME-A	FORD	5.4	No Model	LD	330	V 8	62-65
C6ME-A	FORD	5.9	No Model	HD	361	V 8	66-78
C6ME-A	FORD	6.4	No Model	H	390	V 8	61-76
C6ME-A	FORD	6.4	No Model	M	390	V 8	68-76
C6ME-A	FORD	6.7	No Model		410	V 8	66-67
C6VE	FORD	7.6	No Model		462	V 8	66-68
C6VE-A	FORD	7.6	No Model		462	V 8	66-68
C6VY-A	FORD	7.6	No Model		462	V 8	66-68
C7AE	FORD	3.9	No Model	A	240	L 6	65-74
C7AE	FORD	4.9	CSG-649		300	L 6	65-93
C7AE	FORD	4.9	No Model		300	L 6	76-85
C7AE	FORD	4.9	No Model	9	300	L 6	82-84
C7AE	FORD	5.8	No Model		352	V 8	58-67
C7DE-H	FORD	3.3	No Model	T	200	L 6	63-79
C7JE-A	FORD	7.0	FE MARINE		427	V 8	63-68
C7ME	FORD	5.4	No Model		332	V 8	58-59
C7ME	FORD	5.4	No Model	CAR	332	V 8	58-59
C7ME	FORD	5.4	No Model	HD	330	V 8	66-76
C7ME	FORD	5.9	No Model	HD	361	V 8	66-78
C7ME	FORD	5.9	No Model	Y	360	V 8	68-78
C7ME	FORD	6.4	No Model	H	390	V 8	61-76
C7ME	FORD	6.4	No Model	HD	391	V 8	64-79
C7ME	FORD	6.4	No Model	M	390	V 8	68-76
C7ME-A	FORD	5.4	No Model		332	V 8	58-59
C7ME-A	FORD	5.4	No Model	CAR	332	V 8	58-59
C7ME-A	FORD	5.4	No Model	HD	330	V 8	66-76
C7ME-A	FORD	5.4	No Model	LD	330	V 8	62-65
C7ME-A	FORD	5.9	No Model	HD	361	V 8	66-78

Cylinder Block Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
C7ME-A	FORD	6.4	No Model	H	390	V 8	61-76
C7ME-A	FORD	6.4	No Model	HD	391	V 8	64-79
C7ME-A	FORD	6.4	No Model	M	390	V 8	68-76
C7ME-A	FORD	6.7	No Model		410	V 8	66-67
C7ME-A	FORD	7.0	FE		428	V 8	66-70
C7NN-6015-AC	FORD	4.0	No Model		242	L 4	67-70
C7NN-6015-AC	FORD	4.2	No Model		254	L 4	69-82
C7NN-6015-AC	FORD	5.9	No Model		362	L 6	69-82
C7NN-6015-AC	FORD	6.0	No Model	D	363	L 6	64-70
C7NN-6015-AC	FORD	6.2	No Model		380	L 6	69-82
C7NN-6015-AJ	FORD	4.2	5000	D	256	L 4	72-78
C7NN-6015-T	FORD	3.3	535	G	201	L 3	65-72
C7NN-6015-T	FORD	3.3	555	D	201	L 3	75-90
C7NN-6015-T	FORD	3.3	BSD-333		201	L 3	65-72
C7NN6250B	FORD	4.2	5000	D	256	L 4	72-78
C7NN6250B	FORD	4.2	5000	G	256	L 4	68-72
C7NN6250E	FORD	2.6	2000 SERIES	D	158	L 3	61-75
C7NN6250E	FORD	2.6	2000 SERIES	G	158	L 3	68-75
C7NN6250E	FORD	2.9	2000	G	175	L 3	65-68
C7NN6250E	FORD	2.9	3000	D	175	L 3	61-75
C7NN-A	FORD	2.6	2000 SERIES	D	158	L 3	61-75
C7NN-AJ	FORD	4.2	5000	D	256	L 4	72-78
C7NN-AJ	FORD	4.2	5000	G	256	L 4	68-72
C7NN-AJ	FORD	4.2	BSD-442		256	L 4	
C7NN-AJ	FORD	4.2	BSD-442T		256	L 4	
C7NN-AK	FORD	3.3	535	G	201	L 3	65-72
C7NN-T	FORD	4.2	5000	D	256	L 4	72-78
C7NN-T	FORD	4.2	5000	G	256	L 4	68-72
C7NN-T	FORD	4.2	BSD-442		256	L 4	
C7NN-T	FORD	4.2	BSD-442T		256	L 4	
C8AE	FORD	4.9	No Model		300	L 6	76-85
C8AE	FORD	6.4	No Model	M	390	V 8	68-76
C8AE-A	FORD	5.9	No Model	Y	360	V 8	68-78
C8AE-A	FORD	6.4	No Model	H	390	V 8	61-76
C8AE-A	FORD	6.4	No Model	M	390	V 8	68-76
C8AE-A	FORD	7.0	FE	R, W	427	V 8	63-68
C8AE-B	FORD	5.0	No Model	F	302	V 8	68-69
C8AE-B	FORD	5.0	No Model	F	302	V 8	68-73
C8AE-B	FORD	5.0	No Model	F	302	V 8	74-82
C8AE-B	FORD	5.0	No Model	G	302	V 8	74-81
C8AE-B	FORD	7.0	FE	R, W	427	V 8	63-68
C8AE-C	FORD	5.9	No Model	Y	360	V 8	68-78
C8AE-C	FORD	6.4	No Model	H	390	V 8	61-76
C8AE-C	FORD	6.4	No Model	M	390	V 8	68-76
C8AE-D	FORD	3.9	No Model	A	240	L 6	65-74
C8AE-D	FORD	4.9	CSG-649		300	L 6	65-93
C8AE-D	FORD	4.9	No Model		300	L 6	76-85
C8AE-D	FORD	4.9	No Model	9	300	L 6	82-84
C8AE-E	FORD	6.4	No Model	H	390	V 8	61-76
C8AE-E	FORD	6.4	No Model	M	390	V 8	68-76
C8AE-H	FORD	7.0	FE	R, W	427	V 8	63-68
C8AM-B	FORD	5.0	No Model	F	302	V 8	68-69
C8AM-B	FORD	5.0	No Model	F	302	V 8	68-73
C8AM-B	FORD	5.0	No Model	F	302	V 8	74-82
C8AM-B	FORD	5.0	No Model	G	302	V 8	74-81
C8AV	FORD	6.4	No Model	H	390	V 8	61-76
C8AV	FORD	6.4	No Model	M	390	V 8	68-76
C8DE-A	FORD	2.8	FALCON	1	170	L 6	61-72
C8DE-B	FORD	3.3	No Model	T	200	L 6	63-79
C8DE-D	FORD	2.8	FALCON	1	170	L 6	61-72
C8DE-E	FORD	3.3	No Model	T	200	L 6	63-79

Cylinder Block Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
C8DE-E	FORD	5.4	No Model		332	V 8	58-59
C8DE-E	FORD	5.4	No Model	CAR	332	V 8	58-59
C8DE-E	FORD	5.4	No Model	HD	330	V 8	66-76
C8DE-E	FORD	5.4	No Model	LD	330	V 8	62-65
C8DE-E	FORD	5.9	No Model	HD	361	V 8	66-78
C8DE-E	FORD	5.9	No Model	Y	360	V 8	68-78
C8DE-E	FORD	6.4	No Model	H	390	V 8	61-76
C8DE-E	FORD	6.4	No Model	HD	391	V 8	64-79
C8DE-E	FORD	6.4	No Model	M	390	V 8	68-76
C8FE	FORD	5.0	No Model	G	302	V 8	69-71
C8ME	FORD	5.9	No Model	HD	361	V 8	66-78
C8ME	FORD	5.9	No Model	Y	360	V 8	68-78
C8ME	FORD	6.4	No Model	H	390	V 8	61-76
C8ME	FORD	6.4	No Model	HD	391	V 8	64-79
C8ME	FORD	6.4	No Model	M	390	V 8	68-76
C8ME-A	FORD	5.9	No Model	Y	360	V 8	68-78
C8ME-A	FORD	6.4	No Model	H	390	V 8	61-76
C8ME-A	FORD	6.4	No Model	HD	391	V 8	64-79
C8ME-A	FORD	6.4	No Model	M	390	V 8	68-76
C8OE	FORD	4.7	FALCON	K	289	V 8	64-68
C8OE	FORD	5.0	No Model	F	302	V 8	68-73
C8OE	FORD	5.0	No Model	F	302	V 8	74-82
C8OE-	FORD	5.0	No Model	G	302	V 8	74-81
C8OE-A	FORD	4.7	FALCON	K	289	V 8	64-68
C8OE-A	FORD	5.0	No Model	F	302	V 8	68-69
C8OE-A	FORD	5.0	No Model	F	302	V 8	68-73
C8OE-A	FORD	5.0	No Model	F	302	V 8	74-82
C8OE-A	FORD	5.0	No Model	G	302	V 8	74-81
C8OE-B	FORD	5.0	No Model	F	302	V 8	68-73
C8OE-B	FORD	5.0	No Model	F	302	V 8	74-82
C8OE-B	FORD	5.0	No Model	G	302	V 8	74-81
C8SZ	FORD	6.4	No Model	H	390	V 8	61-76
C8SZ	FORD	6.4	No Model	M	390	V 8	68-76
C8TE-A	FORD	5.9	No Model	Y	360	V 8	68-78
C8TE-A	FORD	6.4	No Model	H	390	V 8	61-76
C8TE-A	FORD	6.4	No Model	M	390	V 8	68-76
C8TE-B	FORD	5.0	No Model	F	302	V 8	68-69
C8TE-B	FORD	5.0	No Model	F	302	V 8	68-73
C8TE-B	FORD	5.0	No Model	F	302	V 8	74-82
C8TE-B	FORD	5.0	No Model	G	302	V 8	74-81
C8VE	FORD	7.5	No Model	A	460	V 8	68-73
C8VE	FORD	7.5	No Model	A	460	V 8	74-78
C8VE	FORD	7.5	No Model	J	460	V 8	74-79
C8VE-E	FORD	7.5	No Model	A	460	V 8	74-78
C8VE-E	FORD	7.5	No Model	C	460	V 8	74-77
C8VE-E	FORD	7.5	No Model	C	460	V 8	75-76
C8VE-E	FORD	7.5	No Model	C	460	V 8	78
C8VE-F	FORD	7.5	No Model	A	460	V 8	74-78
C8VE-F	FORD	7.5	No Model	C	460	V 8	74-77
C8VE-F	FORD	7.5	No Model	C	460	V 8	75-76
C8VE-F	FORD	7.5	No Model	C	460	V 8	78
C8VY-A	FORD	7.5	No Model	A	460	V 8	74-78
C8VY-A	FORD	7.5	No Model	C	460	V 8	74-77
C8VY-A	FORD	7.5	No Model	C	460	V 8	75-76
C8VY-A	FORD	7.5	No Model	C	460	V 8	78
C8VY-E	FORD	7.5	No Model	A	460	V 8	74-78
C8VY-E	FORD	7.5	No Model	C	460	V 8	74-77
C8VY-E	FORD	7.5	No Model	C	460	V 8	75-76
C8VY-E	FORD	7.5	No Model	C	460	V 8	78
C8WE-A	FORD	7.0	FE	R, W	427	V 8	63-68
C90E-B	FORD	5.8	No Model	M	351	V 8	69-71

Cylinder Block Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
C9AE	FORD	3.9	No Model	A	240	L 6	65-74
C9AE	FORD	4.9	No Model		300	L 6	76-85
C9AE	FORD	6.4	No Model	H	390	V 8	61-76
C9AE	FORD	6.4	No Model	M	390	V 8	68-76
C9AE-B	FORD	3.9	No Model	A	240	L 6	65-74
C9AE-B	FORD	4.9	CSG-649		300	L 6	65-93
C9AE-B	FORD	4.9	No Model		300	L 6	76-85
C9AE-B	FORD	4.9	No Model	9	300	L 6	82-84
C9AE-B	FORD	4.9	No Model	B	300	L 6	73-79
C9AE-D	FORD	3.9	No Model	A	240	L 6	65-74
C9DE	FORD	4.1	No Model	L	250	L 6	79-81
C9DE-B	FORD	4.1	No Model	L	250	L 6	79-81
C9DE-C	FORD	5.0	No Model	F	302	V 8	68-69
C9DE-C	FORD	5.0	No Model	F	302	V 8	68-73
C9DE-C	FORD	5.0	No Model	F	302	V 8	74-82
C9DE-C	FORD	5.0	No Model	G	302	V 8	74-81
C9DF-B	FORD	4.1	No Model	L	250	L 6	79-81
C9O3-C	FORD	5.0	No Model	F	302	V 8	68-69
C9O3-C	FORD	5.0	No Model	F	302	V 8	68-73
C9O3-C	FORD	5.0	No Model	F	302	V 8	74-82
C9O3-C	FORD	5.0	No Model	G	302	V 8	74-81
C9OE	FORD	5.8	No Model	H	351	V 8	69-78
C9OE-A	FORD	5.0	No Model	F	302	V 8	68-69
C9OE-A	FORD	5.0	No Model	F	302	V 8	68-73
C9OE-A	FORD	5.0	No Model	F	302	V 8	74-82
C9OE-A	FORD	5.0	No Model	G	302	V 8	74-81
C9OE-B	FORD	5.8	No Model	H	351	V 8	69-78
C9OE-B	FORD	5.8	No Model	Q	351	V 8	68-74
C9OE-C	FORD	5.0	No Model	F	302	V 8	68-69
C9OE-C	FORD	5.0	No Model	F	302	V 8	68-73
C9OE-C	FORD	5.0	No Model	F	302	V 8	74-82
C9OE-C	FORD	5.0	No Model	G	302	V 8	74-81
C9TE	FORD	5.0	No Model	F	302	V 8	68-73
C9TE-A	FORD	4.9	CSG-649		300	L 6	65-93
C9TE-A	FORD	4.9	No Model		300	L 6	76-85
C9TE-A	FORD	4.9	No Model	9	300	L 6	82-84
C9TE-A	FORD	4.9	No Model	B	300	L 6	73-79
C9VE	FORD	7.0	No Model	N	429	V 8	68-73
C9VE	FORD	7.5	No Model	A	460	V 8	68-73
C9VE	FORD	7.5	No Model	A	460	V 8	74-78
C9VE	FORD	7.5	No Model	J	460	V 8	74-79
C9VE-A	FORD	7.5	No Model	A	460	V 8	68-73
C9VE-A	FORD	7.5	No Model	A	460	V 8	74-78
C9VE-A	FORD	7.5	No Model	C	460	V 8	74-77
C9VE-A	FORD	7.5	No Model	C	460	V 8	75-76
C9VE-A	FORD	7.5	No Model	C	460	V 8	78
C9VE-B	FORD	7.5	No Model	A	460	V 8	68-73
C9VE-B	FORD	7.5	No Model	A	460	V 8	74-78
C9VE-B	FORD	7.5	No Model	C	460	V 8	74-77
C9VE-B	FORD	7.5	No Model	C	460	V 8	75-76
C9VE-B	FORD	7.5	No Model	C	460	V 8	78
CA16DE	NISSAN	1.6	No Model	CA16D	97	L 4	87
CA18D	NISSAN	1.8	PULSAR	CA18D	110	L 4	88-89
CA18ET	NISSAN	1.8	No Model	CA18E	110	L 4	84-86
CA20E	NISSAN	2.0	200SX	H	120	L 4	87-89
CA20E-S	NISSAN	2.0	200SX	H	120	L 4	84-86
CA20E-S	NISSAN	2.0	200SX	H	120	L 4	87-89
CA20S	NISSAN	2.0	No Model	CA20S	120	L 4	82-83
CD16285	JOHN DEERE	3.9	2750		239	L 4	
D0AE	FORD	5.8	No Model	Q	351	V 8	70-74
D0AE-A	FORD	3.9	No Model	A	240	L 6	65-74

Cylinder Block Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
D0AE-J	FORD	5.8	No Model	Q	351	V 8	70-74
D0DZ-A	FORD	2.8	FALCON	1	170	L 6	61-72
D0DZ-B	FORD	2.8	FALCON	1	170	L 6	61-72
D0VE	FORD	7.5	No Model	A	460	V 8	68-73
D0VE	FORD	7.5	No Model	A	460	V 8	74-78
D0VE	FORD	7.5	No Model	C	460	V 8	75-76
D0VE	FORD	7.5	No Model	J	460	V 8	74-79
D0VE-1A	FORD	7.0	No Model	N	429	V 8	68-73
D0VE-A	FORD	7.0	No Model	N	429	V 8	68-73
D0VE-A	FORD	7.5	No Model	A	460	V 8	68-73
D0VE-A	FORD	7.5	No Model	A	460	V 8	74-78
D0VE-A	FORD	7.5	No Model	C	460	V 8	74-77
D0VE-A	FORD	7.5	No Model	C	460	V 8	75-76
D0VE-A	FORD	7.5	No Model	C	460	V 8	78
D0VE-B	FORD	7.5	No Model	A	460	V 8	68-73
D0VE-B	FORD	7.5	No Model	A	460	V 8	74-78
D0VE-B	FORD	7.5	No Model	C	460	V 8	74-77
D0VE-B	FORD	7.5	No Model	C	460	V 8	75-76
D0VE-B	FORD	7.5	No Model	C	460	V 8	78
D0ZE-B	FORD	5.0	No Model	G	302	V 8	69-71
D15A2	HONDA	1.5	CIVIC	EW1	91	L 4	84-87
D15A3	HONDA	1.5	CIVIC	EW4	91	L 4	84-87
D15B2	HONDA	1.5	CIVIC	D15B2	91	L 4	88-91
D15B6	HONDA	1.5	CRX	D15B6	91	L 4	88-91
D15B8	HONDA	1.5	CIVIC	D15B8	91	L 4	92-95
D15Z1	HONDA	1.5	CIVIC	D15Z1	91	L 4	92-95
D16A6	HONDA	1.6	CIVIC	D16A6	97	L 4	88-91
D16Y5	HONDA	1.6	CIVIC	D16Y5	97	L 4	96-00
D16Y7	HONDA	1.6	CIVIC	D16Y7	97	L 4	96-00
D16Y8	HONDA	1.6	CIVIC	D16Y8	97	L 4	96-03
D16Z6	HONDA	1.6	CIVIC	D16Z6	97	L 4	92-95
D1AE	FORD	3.9	No Model	A	240	L 6	65-74
D1AE	FORD	4.9	CSG-649		300	L 6	65-93
D1AE	FORD	4.9	No Model		300	L 6	76-85
D1AE	FORD	4.9	No Model	9	300	L 6	82-84
D1AE	FORD	4.9	No Model	B	300	L 6	73-79
D1AE	FORD	4.9	No Model	C	300	L 6	78
D1AE	FORD	4.9	No Model	K	300	L 6	78-79
D1AE	FORD	5.8	No Model	G,Q	351	V 8	75-82
D1AE	FORD	5.8	No Model	H	351	V 8	69-78
D1AE	FORD	5.8	No Model	Q	351	V 8	70-74
D1AE	FORD	6.6	No Model	S	400	V 8	71-79
D1AE	FORD	6.6	No Model	Z	400	V 8	79-82
D1AE-A	FORD	5.8	No Model	G,Q	351	V 8	75-82
D1AE-A	FORD	5.8	No Model	Q	351	V 8	70-74
D1AE-A	FORD	6.6	No Model	S	400	V 8	71-79
D1AE-A	FORD	6.6	No Model	Z	400	V 8	79-82
D1AE-A1C	FORD	5.8	No Model	G,Q	351	V 8	75-82
D1AE-A1C	FORD	6.6	No Model	S	400	V 8	71-79
D1AE-A1C	FORD	6.6	No Model	Z	400	V 8	79-82
D1AE-A2C	FORD	5.8	No Model	G,Q	351	V 8	75-82
D1AE-A2C	FORD	6.6	No Model	S	400	V 8	71-79
D1AE-A2C	FORD	6.6	No Model	Z	400	V 8	79-82
D1AE-AB	FORD	5.8	No Model	G,Q	351	V 8	75-82
D1AE-AB	FORD	6.6	No Model	S	400	V 8	71-79
D1AE-AB	FORD	6.6	No Model	Z	400	V 8	79-82
D1AE-AC	FORD	5.8	No Model	G,Q	351	V 8	75-82
D1AE-AC	FORD	6.6	No Model	S	400	V 8	71-79
D1AE-AC	FORD	6.6	No Model	Z	400	V 8	79-82
D1AE-C	FORD	5.8	No Model	G,Q	351	V 8	75-82
D1AE-C	FORD	6.6	No Model	S	400	V 8	71-79

Cylinder Block Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
D1AE-C	FORD	6.6	No Model	Z	400	V 8	79-82
D1AE-CA	FORD	3.9	No Model	A	240	L 6	65-74
D1AE-DA	FORD	5.8	No Model	Q	351	V 8	68-74
D1DE-A	FORD	7.5	No Model	A	460	V 8	68-73
D1DE-A	FORD	7.5	No Model	A	460	V 8	74-78
D1DE-A	FORD	7.5	No Model	C	460	V 8	74-77
D1DE-A	FORD	7.5	No Model	C	460	V 8	75-76
D1DE-A	FORD	7.5	No Model	C	460	V 8	78
D1EA-A	FORD	5.8	No Model	G,Q	351	V 8	75-82
D1EA-A	FORD	6.6	No Model	S	400	V 8	71-79
D1EA-A	FORD	6.6	No Model	Z	400	V 8	79-82
D1FZ-A	FORD	1.1	KSG 1.1		67	L 4	93-98
D1FZ-A	FORD	1.6	ESCORT	2	98	L 4	83-85
D1FZ-A	FORD	1.6	INDUSTRIAL		98	L 4	78-93
D1FZ-A	FORD	1.6	KSG 1.6		98	L 4	78-96
D1FZ-A	FORD	1.6	PINTO,CAPRI	W	98	L 4	70-73
D1FZ-A	FORD	1.6	PINTO,FESTIVA		98	L 4	76-80
D1FZ-B	FORD	2.0	PINTO	N	122	L 4	71-74
D1FZ-B	FORD	2.0	PINTO	X	122	L 4	74-74
D1MZ-AA	FORD	5.0	No Model	F	302	V 8	68-73
D1MZ-AA	FORD	5.0	No Model	F	302	V 8	74-82
D1MZ-AA	FORD	5.0	No Model	G	302	V 8	74-81
D1OE-AA	FORD	5.0	No Model	F	302	V 8	68-73
D1OE-AA	FORD	5.0	No Model	F	302	V 8	74-82
D1OE-AA	FORD	5.0	No Model	G	302	V 8	74-81
D1TE-AC	FORD	4.9	CSG-649		300	L 6	65-93
D1TE-AC	FORD	4.9	No Model		300	L 6	76-85
D1TE-AC	FORD	4.9	No Model	9	300	L 6	82-84
D1TE-AC	FORD	4.9	No Model	B	300	L 6	73-79
D1TE-AC	FORD	4.9	No Model	C	300	L 6	78
D1TE-AC	FORD	4.9	No Model	K	300	L 6	78-79
D1TZ-E	FORD	5.0	No Model	F	302	V 8	68-73
D1VE	FORD	7.5	No Model	A	460	V 8	68-73
D1VE	FORD	7.5	No Model	A	460	V 8	74-78
D1VE	FORD	7.5	No Model	C	460	V 8	75-76
D1VE	FORD	7.5	No Model	J	460	V 8	74-79
D1VE-A	FORD	7.0	No Model	N	429	V 8	68-73
D1VE-A2B	FORD	7.0	No Model	N	429	V 8	68-73
D1VE-A2B	FORD	7.5	No Model	A	460	V 8	68-73
D1VE-A2B	FORD	7.5	No Model	A	460	V 8	74-78
D1VE-A2B	FORD	7.5	No Model	C	460	V 8	74-77
D1VE-A2B	FORD	7.5	No Model	C	460	V 8	75-76
D1VE-A2B	FORD	7.5	No Model	C	460	V 8	78
D1VE-AA	FORD	7.0	No Model	N	429	V 8	68-73
D1VE-AA	FORD	7.5	No Model	A	460	V 8	68-73
D1VE-AA	FORD	7.5	No Model	A	460	V 8	74-78
D1VE-AA	FORD	7.5	No Model	C	460	V 8	74-77
D1VE-AA	FORD	7.5	No Model	C	460	V 8	75-76
D1VE-AA	FORD	7.5	No Model	C	460	V 8	78
D1VZ	FORD	7.0	No Model	N	429	V 8	68-73
D1ZE-6015-BA	FORD	5.0	No Model	G	302	V 8	69-71
D1ZM	FORD	5.0	No Model	F	302	V 8	68-73
D1ZM-	FORD	5.0	No Model	G	302	V 8	74-81
D1ZM-A	FORD	5.0	No Model	F	302	V 8	68-73
D1ZM-A	FORD	5.0	No Model	F	302	V 8	74-82
D1ZM-A	FORD	5.0	No Model	G	302	V 8	74-81
D1ZM-AA	FORD	5.0	No Model	F	302	V 8	68-73
D1ZM-AA	FORD	5.0	No Model	F	302	V 8	74-82
D1ZM-AA	FORD	5.0	No Model	G	302	V 8	74-81
D1ZM-DA	FORD	5.0	No Model	F	302	V 8	68-73
D1ZM-DA	FORD	5.0	No Model	F	302	V 8	74-82

Cylinder Block Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
D1ZM-DA	FORD	5.0	No Model	G	302	V 8	74-81
D2AE	FORD	3.9	No Model	A	240	L 6	65-74
D2AE	FORD	4.9	No Model		300	L 6	76-85
D2AE	FORD	5.8	No Model	H	351	V 8	69-78
D2AE	FORD	5.8	No Model	Q	351	V 8	70-74
D2AE-AA	FORD	4.9	CSG-649		300	L 6	65-93
D2AE-AA	FORD	4.9	No Model		300	L 6	76-85
D2AE-AA	FORD	4.9	No Model	9	300	L 6	82-84
D2AE-AA	FORD	4.9	No Model	B	300	L 6	73-79
D2AE-AA	FORD	4.9	No Model	C	300	L 6	78
D2AE-AA	FORD	4.9	No Model	K	300	L 6	78-79
D2AE-B4A	FORD	5.8	No Model	H	351	V 8	69-78
D2AE-B4A	FORD	5.8	No Model	H	351	V 8	79
D2AE-B4A	FORD	5.8	No Model	Q	351	V 8	68-74
D2AE-BA	FORD	5.8	No Model	H	351	V 8	69-78
D2AE-BA	FORD	5.8	No Model	H	351	V 8	79
D2AE-BA	FORD	5.8	No Model	Q	351	V 8	68-74
D2AE-BA1	FORD	5.8	No Model	H	351	V 8	69-78
D2AE-BA1	FORD	5.8	No Model	H	351	V 8	79
D2AE-BA1	FORD	5.8	No Model	Q	351	V 8	68-74
D2AE-CA	FORD	5.8	No Model	Q	351	V 8	70-74
D2DE-AA	FORD	4.1	No Model	L	250	L 6	79-81
D2HE-AA	FORD	7.8	No Model	GAS	477	V 8	78-81
D2NL-6015-A	FORD	2.8	No Model	G	172	L 4	53-80
D2NL-A	FORD	2.8	No Model	G	172	L 4	53-80
D2NL-C	FORD	3.1	No Model	D	192	L 4	65-72
D2NL-C	FORD	3.1	No Model	G	192	L 4	64-79
D2OE	FORD	5.0	No Model	F	302	V 8	68-73
D2OE-	FORD	5.0	No Model	G	302	V 8	74-81
D2OE-AB	FORD	5.0	No Model	F	302	V 8	68-73
D2OE-AB	FORD	5.0	No Model	F	302	V 8	74-82
D2OE-AB	FORD	5.0	No Model	G	302	V 8	74-81
D2TE	FORD	5.4	No Model		332	V 8	58-59
D2TE	FORD	5.4	No Model	CAR	332	V 8	58-59
D2TE	FORD	5.4	No Model	HD	330	V 8	66-76
D2TE	FORD	5.4	No Model	LD	330	V 8	62-65
D2TE-AA	FORD	3.9	No Model	A	240	L 6	65-74
D2VE	FORD	7.5	No Model	J	460	V 8	74-79
D3AE	FORD	6.6	No Model	S	400	V 8	71-79
D3AE	FORD	6.6	No Model	Z	400	V 8	79-82
D3BE-BA	FORD	3.3	No Model	T	200	L 6	63-79
D3HE-AA	FORD	7.8	No Model		475	V 8	73-79
D3HE-AA	FORD	7.8	No Model	GAS	477	V 8	78-81
D3HE-AA	FORD	8.8	No Model		534	V 8	58-81
D3HE-BA	FORD	6.6	No Model	HD	401	V 8	58-76
D3JL-6015-K	FORD	2.8	No Model	G	172	L 4	53-80
D3JL-K	FORD	3.1	No Model	D	192	L 4	65-72
D3JL-K	FORD	3.1	No Model	G	192	L 4	64-79
D3TE	FORD	3.9	No Model	A	240	L 6	65-74
D3TE	FORD	4.9	No Model		300	L 6	76-85
D3TE	FORD	5.4	No Model	HD	330	V 8	66-76
D3TE	FORD	5.9	No Model	HD	361	V 8	66-78
D3TE	FORD	5.9	No Model	Y	360	V 8	68-78
D3TE	FORD	6.4	No Model	H	390	V 8	61-76
D3TE	FORD	6.4	No Model	HD	391	V 8	64-79
D3TE	FORD	6.4	No Model	M	390	V 8	68-76
D3TE-AA	FORD	3.9	No Model	A	240	L 6	65-74
D3TE-AA	FORD	4.9	CSG-649		300	L 6	65-93
D3TE-AA	FORD	4.9	No Model		300	L 6	76-85
D3TE-AA	FORD	4.9	No Model	9	300	L 6	82-84
D3TE-AA	FORD	4.9	No Model	B	300	L 6	73-79

Cylinder Block Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
D3TE-AA	FORD	4.9	No Model	C	300	L 6	78
D3TE-AA	FORD	4.9	No Model	K	300	L 6	78-79
D3TE-SA	FORD	5.4	No Model		332	V 8	58-59
D3TE-SA	FORD	5.4	No Model	CAR	332	V 8	58-59
D3TE-SA	FORD	5.4	No Model	HD	330	V 8	66-76
D3TE-SA	FORD	5.4	No Model	LD	330	V 8	62-65
D3TZ-C	FORD	6.4	No Model	H	390	V 8	61-76
D3TZ-C	FORD	6.4	No Model	M	390	V 8	68-76
D42E	FORD	2.3	LRG423		140	L 4	95-01
D42E	FORD	2.3	LSG423		140	L 4	
D42E	FORD	2.3	No Model	2	140	L 4	81-82
D42E	FORD	2.3	No Model	B	140	L 4	76-80
D42E-AJ	FORD	2.3	LRG423		140	L 4	95-01
D42E-AJ	FORD	2.3	LSG423		140	L 4	
D42E-AJ	FORD	2.3	No Model	2	140	L 4	81-82
D42E-AJ	FORD	2.3	No Model	B	140	L 4	76-80
D42E-AL	FORD	2.3	LRG423		140	L 4	95-01
D42E-AL	FORD	2.3	LSG423		140	L 4	
D42E-AL	FORD	2.3	No Model	2	140	L 4	81-82
D42E-AL	FORD	2.3	No Model	A	140	L 4	80-84
D42E-AL	FORD	2.3	No Model	B	140	L 4	76-80
D42E-AL	FORD	2.3	No Model	T	140	L 4	80-87
D42E-AL	FORD	2.3	No Model	W	140	L 4	79-80
D42E-AL	FORD	2.3	No Model	Y	140	L 4	74-75
D42E-AM	FORD	2.3	LRG423		140	L 4	95-01
D42E-AM	FORD	2.3	LSG423		140	L 4	
D42E-AM	FORD	2.3	No Model	2	140	L 4	81-82
D42E-AM	FORD	2.3	No Model	A	140	L 4	80-84
D42E-AM	FORD	2.3	No Model	B	140	L 4	76-80
D42E-AM	FORD	2.3	No Model	T	140	L 4	80-87
D42E-AM	FORD	2.3	No Model	W	140	L 4	79-80
D42E-AM	FORD	2.3	No Model	Y	140	L 4	76-79
D42E-BB	FORD	2.3	No Model	B	140	L 4	76-80
D42E-BB	FORD	2.3	No Model	Y	140	L 4	76-79
D42E-BC	FORD	2.3	No Model	B	140	L 4	76-80
D42E-BC	FORD	2.3	No Model	Y	140	L 4	76-79
D4AE	FORD	5.8	No Model	G	351	V 8	80-82
D4AE	FORD	5.8	No Model	G,Q	351	V 8	75-82
D4AE	FORD	5.8	No Model	H	351	V 8	69-78
D4AE	FORD	6.6	No Model	S	400	V 8	71-79
D4AE	FORD	6.6	No Model	Z	400	V 8	79-82
D4AE-AA	FORD	5.8	No Model	G	351	V 8	83-91
D4AE-AA	FORD	5.8	No Model	H	351	V 8	69-78
D4AE-AA	FORD	5.8	No Model	H	351	V 8	79
D4AE-AA	FORD	5.8	No Model	Q	351	V 8	68-74
D4AE-B2A	FORD	5.8	No Model	G,Q	351	V 8	75-82
D4AE-B2A	FORD	6.6	No Model	S	400	V 8	71-79
D4AE-B2A	FORD	6.6	No Model	Z	400	V 8	79-82
D4AE-D2A	FORD	5.8	No Model	G,Q	351	V 8	75-82
D4AE-D2A	FORD	6.6	No Model	S	400	V 8	71-79
D4AE-D2A	FORD	6.6	No Model	Z	400	V 8	79-82
D4DE	FORD	5.0	No Model	F	302	V 8	68-73
D4DE	FORD	5.0	No Model	F	302	V 8	74-82
D4DE-	FORD	5.0	No Model	G	302	V 8	74-81
D4DE-AA	FORD	5.0	No Model	F	302	V 8	68-73
D4DE-AA	FORD	5.0	No Model	F	302	V 8	74-82
D4DE-AA	FORD	5.0	No Model	G	302	V 8	74-81
D4DE-BA	FORD	5.0	No Model	F	302	V 8	74-82
D4DE-BA	FORD	5.0	No Model	G	302	V 8	74-81
D4F2601QA	FORD	2.3	LRG423		140	L 4	95-01
D4F2601QA	FORD	2.3	LSG423		140	L 4	

Cylinder Block Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
D4F2601QA	FORD	2.3	No Model	2	140	L 4	81-82
D4F2601QA	FORD	2.3	No Model	B	140	L 4	76-80
D4HE-A8A	FORD	7.8	No Model		475	V 8	73-79
D4HE-A8A	FORD	7.8	No Model	GAS	477	V 8	78-81
D4HE-A8A	FORD	8.8	No Model		534	V 8	58-81
D4HE-AA	FORD	7.8	No Model		475	V 8	73-79
D4HE-AA	FORD	7.8	No Model	GAS	477	V 8	78-81
D4HE-AA	FORD	8.8	No Model		534	V 8	58-81
D4NN-6015-A	FORD	6.6	BSD-666		401	L 6	68-82
D4NN-6015-A	FORD	6.6	BSD-666T		401	L 6	68-94
D4NN-6015-A	FORD	6.6	BSD-666T(2)		401	L 6	68-82
D4NN-6015-N	FORD	6.6	BSD-666		401	L 6	68-82
D4OE-AA	FORD	5.0	No Model	F	302	V 8	74-82
D4OE-AA	FORD	5.0	No Model	G	302	V 8	74-81
D4TE	FORD	5.4	No Model		332	V 8	58-59
D4TE	FORD	5.4	No Model	HD	330	V 8	66-76
D4TE	FORD	5.4	No Model	LD	330	V 8	62-65
D4TE	FORD	5.9	No Model	HD	361	V 8	66-78
D4TE	FORD	5.9	No Model	Y	360	V 8	68-78
D4TE	FORD	6.4	No Model	H	390	V 8	61-76
D4TE	FORD	6.4	No Model	HD	391	V 8	64-79
D4TE	FORD	6.4	No Model	M	390	V 8	68-76
D4ZE-AL	FORD	2.3	LRG423		140	L 4	95-01
D4ZE-AL	FORD	2.3	LSG423		140	L 4	
D4ZE-AL	FORD	2.3	No Model	2	140	L 4	81-82
D4ZE-AL	FORD	2.3	No Model	A	140	L 4	80-84
D4ZE-AL	FORD	2.3	No Model	B	140	L 4	76-80
D4ZE-AL	FORD	2.3	No Model	T	140	L 4	80-87
D4ZE-AL	FORD	2.3	No Model	W	140	L 4	79-80
D4ZE-AL	FORD	2.3	No Model	W	140	L 4	83-88
D4ZE-AL	FORD	2.3	No Model	Y	140	L 4	76-79
D5AE	FORD	6.6	No Model	S	400	V 8	71-79
D5AE	FORD	6.6	No Model	Z	400	V 8	79-82
D5DE-AA	FORD	4.1	No Model	L	250	L 6	79-81
D5NN-6015-F	FORD	2.9	2000	G	175	L 3	65-68
D5NN-6015-F	FORD	2.9	3000	D	175	L 3	61-75
D5NN-6015-G	FORD	3.3	535	G	201	L 3	65-72
D5NN-6015-G	FORD	3.3	555	D	201	L 3	75-90
D5NN-6015-G	FORD	3.3	BSD-333		201	L 3	65-72
D5NN-6015-H	FORD	3.8	5000	D	233	L 4	72-78
D5NN-G	FORD	3.3	535	G	201	L 3	65-72
D5TE	FORD	3.9	No Model	A	240	L 6	65-74
D5TE	FORD	4.9	No Model		300	L 6	76-85
D5TE-AA	FORD	3.9	No Model	A	240	L 6	65-74
D5TE-AA	FORD	4.9	CSG-649		300	L 6	65-93
D5TE-AA	FORD	4.9	No Model		300	L 6	76-85
D5TE-AA	FORD	4.9	No Model	9	300	L 6	82-84
D5TE-AA	FORD	4.9	No Model	B	300	L 6	73-79
D5TE-AA	FORD	4.9	No Model	C	300	L 6	78
D5TE-AA	FORD	4.9	No Model	K	300	L 6	78-79
D5ZY-AA	FORD	5.0	No Model	F	302	V 8	74-82
D5ZY-AA	FORD	5.0	No Model	G	302	V 8	74-81
D600A-619	CONTINENTAL	3.3	202	DS	202	L 6	
D6AA-AA	FORD	2.3	LRG423		140	L 4	95-01
D6AA-AA	FORD	2.3	LSG423		140	L 4	
D6AA-AA	FORD	2.3	No Model	2	140	L 4	81-82
D6AA-AA	FORD	2.3	No Model	B	140	L 4	76-80
D6AA-AA	FORD	2.3	No Model	W	140	L 4	79-80
D6AA-AA	FORD	2.3	No Model	Y	140	L 4	76-79
D6DE	FORD	4.1	No Model	C	250	L 6	69-80
D6EE-AA	FORD	2.3	LRG423		140	L 4	95-01

Cylinder Block Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
D6EE-AA	FORD	2.3	LSG423		140	L 4	
D6EE-AA	FORD	2.3	No Model	2	140	L 4	81-82
D6EE-AA	FORD	2.3	No Model	A	140	L 4	80-84
D6EE-AA	FORD	2.3	No Model	B	140	L 4	76-80
D6EE-AA	FORD	2.3	No Model	T	140	L 4	80-87
D6EE-AA	FORD	2.3	No Model	W	140	L 4	79-80
D6EE-AA	FORD	2.3	No Model	Y	140	L 4	74-75
D6EE-AA	FORD	2.3	No Model	Y	140	L 4	76-79
D6JL-B	FORD	3.1	No Model	D	192	L 4	65-72
D6JL-B	FORD	3.1	No Model	G	192	L 4	64-79
D6TE	FORD	3.9	No Model	A	240	L 6	65-74
D6TE	FORD	4.9	No Model		300	L 6	76-85
D7BE	FORD	4.1	No Model	C	250	L 6	69-80
D7BE-AA	FORD	3.3	No Model	B	200	L 6	80-82
D7BE-AA	FORD	3.3	No Model	T	200	L 6	63-79
D7BE-CA	FORD	4.1	No Model	L	250	L 6	79-81
D7DE	FORD	4.1	No Model	C	250	L 6	69-80
D7DE-AA	FORD	4.1	No Model	L	250	L 6	79-81
D7DE-CA	FORD	4.1	No Model	C	250	L 6	69-80
D7DE-CA	FORD	4.1	No Model	L	250	L 6	79-81
D7EE-	FORD	2.3	No Model	W	140	L 4	79-80
D7EE-	FORD	2.3	No Model	Y	140	L 4	74-75
D7EE-	FORD	2.3	No Model	Y	140	L 4	76-79
D7TE	FORD	5.8	No Model	G,Q	351	V 8	75-82
D7TE	FORD	6.6	No Model	S	400	V 8	71-79
D7TE	FORD	6.6	No Model	Z	400	V 8	79-82
D7TE-A2B	FORD	5.8	No Model	G,Q	351	V 8	75-82
D7TE-A2B	FORD	6.6	No Model	S	400	V 8	71-79
D7TE-A2B	FORD	6.6	No Model	Z	400	V 8	79-82
D7TE-A3B	FORD	5.8	No Model	G,Q	351	V 8	75-82
D7TE-A3B	FORD	6.6	No Model	S	400	V 8	71-79
D7TE-A3B	FORD	6.6	No Model	Z	400	V 8	79-82
D7TE-AB	FORD	5.8	No Model	H	351	V 8	69-78
D80E	FORD	5.0	No Model	F	302	V 8	74-82
D8BE	FORD	3.3	No Model	B	200	L 6	80-82
D8BE	FORD	3.3	No Model	T	200	L 6	63-79
D8BE	FORD	4.1	No Model	C	250	L 6	69-80
D8BE-GD	FORD	3.3	No Model	B	200	L 6	80-82
D8BE-GD	FORD	3.3	No Model	T	200	L 6	63-79
D8BE-GE	FORD	3.3	No Model	B	200	L 6	80-82
D8BE-GE	FORD	3.3	No Model	T	200	L 6	63-79
D8BE-JA	FORD	4.1	No Model	C	250	L 6	69-80
D8BE-JA	FORD	4.1	No Model	L	250	L 6	79-81
D8DE	FORD	4.1	No Model	C	250	L 6	69-80
D8DE	FORD	5.0	No Model	F	302	V 8	83-87
D8DE	FORD	5.0	No Model	F	302	V 8	84-87
D8DE	FORD	5.0	No Model	M	302	V 8	84-87
D8DE	FORD	5.0	No Model	M	302	V 8	86-86
D8DE	FORD	5.0	No Model	N	302	V 8	85-97
D8DE-AA	FORD	5.0	No Model	F	302	V 8	84-87
D8DE-CA	FORD	4.1	No Model	C	250	L 6	69-80
D8DE-CA	FORD	4.1	No Model	L	250	L 6	79-81
D8DE-CC	FORD	4.1	No Model	C	250	L 6	69-80
D8EE-BA	FORD	2.3	LRG423		140	L 4	95-01
D8EE-BA	FORD	2.3	LSG423		140	L 4	
D8EE-BA	FORD	2.3	No Model	2	140	L 4	81-82
D8EE-BA	FORD	2.3	No Model	A	140	L 4	80-84
D8EE-BA	FORD	2.3	No Model	B	140	L 4	76-80
D8EE-BA	FORD	2.3	No Model	T	140	L 4	80-87
D8EE-BA	FORD	2.3	No Model	W	140	L 4	79-80
D8EE-BA	FORD	2.3	No Model	Y	140	L 4	74-75

Cylinder Block Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
D8EE-BA	FORD	2.3	No Model	Y	140	L 4	76-79
D8EE-BA	FORD	2.3	No Model	Z	140	L 4	83-85
D8EE-ED	FORD	2.3	LRG423		140	L 4	95-01
D8EE-ED	FORD	2.3	LSG423		140	L 4	
D8EE-ED	FORD	2.3	No Model	2	140	L 4	81-82
D8EE-ED	FORD	2.3	No Model	A	140	L 4	80-84
D8EE-ED	FORD	2.3	No Model	B	140	L 4	76-80
D8EE-ED	FORD	2.3	No Model	T	140	L 4	80-87
D8EE-ED	FORD	2.3	No Model	W	140	L 4	79-80
D8EE-ED	FORD	2.3	No Model	W	140	L 4	83-88
D8EE-ED	FORD	2.3	No Model	Y	140	L 4	74-75
D8EE-ED	FORD	2.3	No Model	Y	140	L 4	76-79
D8EE-ED	FORD	2.3	No Model	Z	140	L 4	83-85
D8NN-6015-DA	FORD	4.2	5000	D	256	L 4	72-78
D8NN-6015-DA	FORD	6.6	BSD-666		401	L 6	68-82
D8NN-DA	FORD	4.2	BSD-442		256	L 4	
D8NN-DA	FORD	4.2	BSD-442T		256	L 4	
D8VE	FORD	5.0	No Model	F	302	V 8	74-82
D8VE-	FORD	5.0	No Model	G	302	V 8	74-81
D8VE-A3A	FORD	5.0	No Model	F	302	V 8	74-82
D9AE	FORD	5.8	No Model	G	351	V 8	80-82
D9AE	FORD	5.8	No Model	H	351	V 8	69-78
D9AE-EB	FORD	5.8	No Model	G	351	V 8	80-82
D9AE-EB	FORD	5.8	No Model	G	351	V 8	83-91
D9AE-EB	FORD	5.8	No Model	H	351	V 8	69-78
D9AE-EB	FORD	5.8	No Model	H	351	V 8	79
D9AE-EC	FORD	5.8	No Model	G	351	V 8	80-82
D9AE-EC	FORD	5.8	No Model	G	351	V 8	83-91
D9AE-EC	FORD	5.8	No Model	H	351	V 8	69-78
D9AE-EC	FORD	5.8	No Model	H	351	V 8	79
D9AE-ED	FORD	5.8	No Model	G	351	V 8	80-82
D9AE-ED	FORD	5.8	No Model	G	351	V 8	83-91
D9AE-ED	FORD	5.8	No Model	H	351	V 8	69-78
D9AE-ED	FORD	5.8	No Model	H	351	V 8	79
D9DE	FORD	4.1	No Model	C	250	L 6	69-80
D9DE	FORD	5.0	No Model	F	302	V 8	74-82
D9DE-	FORD	5.0	No Model	G	302	V 8	74-81
D9DE-DA	FORD	4.1	No Model	C	250	L 6	69-80
D9DE-DA	FORD	4.1	No Model	L	250	L 6	79-81
D9EE-BA	FORD	2.3	LRG423		140	L 4	95-01
D9EE-BA	FORD	2.3	LSG423		140	L 4	
D9EE-BA	FORD	2.3	No Model	2	140	L 4	81-82
D9EE-BA	FORD	2.3	No Model	A	140	L 4	80-84
D9EE-BA	FORD	2.3	No Model	B	140	L 4	76-80
D9EE-BA	FORD	2.3	No Model	T	140	L 4	80-87
D9EE-BA	FORD	2.3	No Model	W	140	L 4	79-80
D9EE-BA	FORD	2.3	No Model	W	140	L 4	83-88
D9EE-BA	FORD	2.3	No Model	Y	140	L 4	76-79
D9EE-BA	FORD	2.3	No Model	Z	140	L 4	83-85
D9NN-6110-AA	FORD	4.4	BSD-444		268	L 4	
D9NN-6110-AA	FORD	4.4	BSD-444T		268	L 4	
D9NN-6110-AA	FORD	5.0	BSD-450T		304	L 4	
D9OE	FORD	5.0	No Model	F	302	V 8	74-82
D9OE	FORD	5.0	No Model	F	302	V 8	83-87
D9OE	FORD	5.0	No Model	F	302	V 8	84-87
D9OE	FORD	5.0	No Model	M	302	V 8	84-87
D9OE	FORD	5.0	No Model	M	302	V 8	86-86
D9OE	FORD	5.0	No Model	N	302	V 8	85-97
D9TE	FORD	7.0	No Model	8	429	V 8	89-96
D9TE	FORD	7.0	No Model	J	429	V 8	91-95
D9TE	FORD	7.0	No Model	K	429	V 8	79-90

Cylinder Block Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
D9TE	FORD	7.5	No Model	G	460	V 8	87-98
D9TE	FORD	7.5	No Model	L	460	V 8	79-87
D9TE-AB	FORD	7.0	No Model	8	429	V 8	89-96
D9TE-AB	FORD	7.0	No Model	J	429	V 8	91-95
D9TE-AB	FORD	7.0	No Model	K	429	V 8	79-90
D9TE-AB	FORD	7.5	LSG875		460	V 8	
D9TE-AB	FORD	7.5	No Model	G	460	V 8	87-98
D9TE-AB	FORD	7.5	No Model	L	460	V 8	79-87
D9TE-AB	FORD	7.5	No Model	SVO	460	V 8	87-97
D9TE-BB	FORD	6.1	No Model	7	370	V 8	79-94
D9TE-BB	FORD	6.1	No Model	H	370	V 8	79-93
D9TE-BB	FORD	7.5	No Model	G	460	V 8	87-98
D9TE-BB	FORD	7.5	No Model	SVO	460	V 8	87-97
D9TE-GA	FORD	7.0	No Model	8	429	V 8	89-96
D9TE-GA	FORD	7.0	No Model	J	429	V 8	91-95
D9TE-GA	FORD	7.0	No Model	K	429	V 8	79-90
D9TE-GA	FORD	7.5	LSG875		460	V 8	
D9TE-GA	FORD	7.5	No Model	G	460	V 8	87-98
D9TE-GA	FORD	7.5	No Model	L	460	V 8	79-87
D9TE-GA	FORD	7.5	No Model	SVO	460	V 8	87-97
D9ZE-AA	FORD	2.3	LRG423		140	L 4	95-01
D9ZE-AA	FORD	2.3	LSG423		140	L 4	
D9ZE-AA	FORD	2.3	No Model	2	140	L 4	81-82
D9ZE-AA	FORD	2.3	No Model	A	140	L 4	80-84
D9ZE-AA	FORD	2.3	No Model	B	140	L 4	76-80
D9ZE-AA	FORD	2.3	No Model	T	140	L 4	80-87
D9ZE-AA	FORD	2.3	No Model	W	140	L 4	79-80
D9ZE-AA	FORD	2.3	No Model	Y	140	L 4	74-75
D9ZE-AA	FORD	2.3	No Model	Y	140	L 4	76-79
D9ZE-AA	FORD	2.3	No Model	Z	140	L 4	83-85
DAHC	FORD	8.8	No Model		534	V 8	58-81
DNN-6015-B	FORD	4.2	5000	D	256	L 4	72-78
E08E	FORD	5.0	No Model	F	302	V 8	83-87
E0AE	FORD	5.0	No Model	F	302	V 8	74-82
E0AE	FORD	5.0	No Model	F	302	V 8	83-87
E0AE	FORD	5.0	No Model	F	302	V 8	84-87
E0AE	FORD	5.0	No Model	G	302	V 8	74-81
E0AE	FORD	5.0	No Model	M	302	V 8	84-87
E0AE-	FORD	5.0	No Model	N	302	V 8	85-97
E0AE-D3C	FORD	5.0	No Model	F	302	V 8	83-87
E0AE-D3C	FORD	7.0	FE	R, W	427	V 8	63-68
E0DE-A	FORD	4.1	No Model	C	250	L 6	69-80
E0DE-A	FORD	4.1	No Model	L	250	L 6	79-81
E0NN-6015-AA	FORD	4.2	5000	D	256	L 4	72-78
E0NN-AA	FORD	4.2	BSD-442		256	L 4	
E0NN-AA	FORD	4.2	BSD-442T		256	L 4	
E0SE-A2E	FORD	4.2	No Model	D	255	V 8	80-82
E0SE-AE	FORD	4.2	No Model	D	255	V 8	80-82
E15S	NISSAN	1.5	PULSAR	E15	91	L 4	82-83
E16	NISSAN	1.6	No Model	E16I	97	L 4	86-88
E16I	NISSAN	1.6	No Model	E16I	97	L 4	86-88
E16S	NISSAN	1.6	No Model	E16S	97	L 4	86-88
E16S	NISSAN	1.6	PULSAR	E16	97	L 4	83-86
E1BE-BA	FORD	3.3	No Model	B	200	L 6	80-82
E1BE-BA	FORD	3.3	No Model	T	200	L 6	63-79
E1BE-BB	FORD	3.3	No Model	B	200	L 6	80-82
E1BE-BB	FORD	3.3	No Model	T	200	L 6	63-79
E1BE-BB	FORD	3.3	No Model	X	200	L 6	83
E1BE-FA	FORD	3.3	No Model	B	200	L 6	80-82
E1BE-FA	FORD	3.3	No Model	T	200	L 6	63-79
E1BE-FA	FORD	3.3	No Model	X	200	L 6	83

Cylinder Block Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
E1BE-FB	FORD	3.3	No Model	X	200	L 6	83
E1BE-GA	FORD	3.3	No Model	B	200	L 6	80-82
E1BE-GA	FORD	3.3	No Model	X	200	L 6	83
E1DDN6015	FORD	3.6	No Model	D	220	L 4	58-67
E1DE-A	FORD	4.1	No Model	C	250	L 6	69-80
E1DE-A	FORD	4.1	No Model	L	250	L 6	79-81
E1EE-A8C	FORD	1.6	ESCORT	2	98	L 4	81-82
E1EE-A8C	FORD	1.6	ESCORT	2	98	L 4	83-85
E1EE-A8C	FORD	1.6	ESCORT	4	98	L 4	83-85
E1EE-A8C	FORD	1.6	ESCORT	5	98	L 4	83-85
E1EE-A8C	FORD	1.6	ESCORT	7	98	L 4	83-85
E1EE-DD	FORD	1.6	ESCORT	2	98	L 4	81-82
E1EE-DD	FORD	1.6	ESCORT	2	98	L 4	83-85
E1EE-DD	FORD	1.6	ESCORT	4	98	L 4	83-85
E1EE-DD	FORD	1.6	ESCORT	5	98	L 4	83-85
E1EE-DD	FORD	1.6	ESCORT	7	98	L 4	83-85
E1EE-DD	FORD	1.6	ESCORT,TURBO	8	98	L 4	83-85
E1EE-DE	FORD	1.6	ESCORT	2	98	L 4	81-82
E1EE-DE	FORD	1.6	ESCORT	2	98	L 4	83-85
E1EE-DE	FORD	1.6	ESCORT	4	98	L 4	83-85
E1EE-DE	FORD	1.6	ESCORT	5	98	L 4	83-85
E1EE-DE	FORD	1.6	ESCORT	7	98	L 4	83-85
E1EE-DE	FORD	1.6	ESCORT,TURBO	8	98	L 4	83-85
E1NN-6015-JC	FORD	4.4	BSD-444		268	L 4	
E1NN-6015-JC	FORD	4.4	BSD-444T		268	L 4	
E1NN-AA	FORD	3.3	535	G	201	L 3	65-72
E1NN-AA	FORD	3.3	555	D	201	L 3	75-90
E1NN-AA	FORD	3.3	BSD-333		201	L 3	65-72
E1TE	FORD	4.9	No Model	Y	300	L 6	83-84
E1TE	FORD	4.9	No Model	Y	300	L 6	85-86
E1TE-A	FORD	4.9	CSG-649		300	L 6	65-93
E1TE-A	FORD	4.9	No Model		300	L 6	76-85
E1TE-A	FORD	4.9	No Model	9	300	L 6	82-84
E1TE-AA	FORD	4.9	CSG-649		300	L 6	65-93
E1TE-AA	FORD	4.9	No Model		300	L 6	76-85
E1TE-AA	FORD	4.9	No Model	9	300	L 6	82-84
E27E-AA	FORD	2.0	RANGER	C	122	L 4	83-88
E27E-AA	FORD	2.0	RANGER	C	122	L 4	84-85
E27E-BA	FORD	2.0	RANGER	C	122	L 4	83-88
E27E-BA	FORD	2.0	RANGER	C	122	L 4	84-85
E2AE	FORD	3.8	No Model	3	232	V 6	82-87
E2AE-HB	FORD	3.8	No Model	3	232	V 6	82-87
E2AE-HD	FORD	3.8	No Model	3	232	V 6	82-87
E2AE-HO	FORD	3.8	No Model	3	232	V 6	82-87
E2JL-6015-AB	FORD	3.1	No Model	D	192	L 4	65-72
E2JL-6015-AB	FORD	3.1	No Model	G	192	L 4	64-79
E2JL-AB	FORD	3.1	No Model	D	192	L 4	65-72
E2JL-AB	FORD	3.1	No Model	G	192	L 4	64-79
E2NN	FORD	3.3	535	G	201	L 3	65-72
E2NN	FORD	3.3	555	D	201	L 3	75-90
E2NN	FORD	3.3	BSD-333		201	L 3	65-72
E2TE	FORD	4.9	No Model	Y	300	L 6	83-84
E2TE	FORD	4.9	No Model	Y	300	L 6	85-86
E37E-BA	FORD	2.0	RANGER	C	122	L 4	83-88
E37E-BA	FORD	2.0	RANGER	C	122	L 4	84-85
E37E-BC	FORD	2.0	RANGER	C	122	L 4	83-88
E3AE	FORD	3.8	No Model	3	232	V 6	82-87
E3AE	FORD	3.8	No Model	C	232	V 6	84-85
E3AE	FORD	5.8	No Model	G	351	V 8	80-82
E3AE	FORD	5.8	No Model	G	351	V 8	83-91
E3AE	FORD	5.8	No Model	H	351	V 8	84-97

Cylinder Block Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
E3AE-BA	FORD	5.8	No Model	G	351	V 8	80-82
E3AE-BA	FORD	5.8	No Model	G	351	V 8	83-91
E3AE-BA	FORD	5.8	No Model	H	351	V 8	84-97
E3AE-BA1	FORD	3.8	No Model	3	232	V 6	82-87
E3AE-BA1	FORD	3.8	No Model	C	232	V 6	84-85
E3EE-A	FORD	1.6	ESCORT	2	98	L 4	81-82
E3EE-A	FORD	1.6	ESCORT	2	98	L 4	83-85
E3EE-A	FORD	1.6	ESCORT	4	98	L 4	83-85
E3EE-A	FORD	1.6	ESCORT	5	98	L 4	83-85
E3EE-A	FORD	1.6	ESCORT	7	98	L 4	83-85
E3EE-A	FORD	1.6	ESCORT,TURBO	8	98	L 4	83-85
E3EE-AA	FORD	1.6	ESCORT	2	98	L 4	81-82
E3EE-AA	FORD	1.6	ESCORT	2	98	L 4	83-85
E3EE-AA	FORD	1.6	ESCORT	4	98	L 4	83-85
E3EE-AA	FORD	1.6	ESCORT	5	98	L 4	83-85
E3EE-AA	FORD	1.6	ESCORT	7	98	L 4	83-85
E3EE-AA	FORD	1.6	ESCORT,TURBO	8	98	L 4	83-85
E3ZE-AE	FORD	2.3	No Model	T	140	L 4	80-87
E3ZE-DA	FORD	2.3	No Model	T	140	L 4	80-87
E3ZE-DA	FORD	2.3	No Model	W	140	L 4	83-88
E3ZE-DC	FORD	2.3	No Model	A	140	L 4	80-84
E3ZE-DC	FORD	2.3	No Model	A	140	L 4	85-88
E3ZE-DC	FORD	2.3	No Model	T	140	L 4	80-87
E3ZE-DC	FORD	2.3	No Model	W	140	L 4	83-88
E3ZE-DC	FORD	2.3	No Model	Z	140	L 4	83-85
E3ZE-DE	FORD	2.3	No Model	A	140	L 4	85-88
E3ZE-EA	FORD	2.3	No Model	A	140	L 4	80-84
E3ZE-EA	FORD	2.3	No Model	A	140	L 4	85-88
E43E-A3E	FORD	2.3	No Model	R	140	L 4	83-86
E43E-A3E	FORD	2.3	No Model	S	140	L 4	85-86
E43E-A3E	FORD	2.3	No Model	X	140	L 4	85-86
E43E-A3E	FORD	2.3	TEMPO	S	140	L 4	85-91
E4AE	FORD	3.8	No Model	3	232	V 6	82-87
E4AE	FORD	3.8	No Model	C	232	V 6	84-85
E4AE	FORD	5.8	No Model	G	351	V 8	80-82
E4AE	FORD	5.8	No Model	G	351	V 8	83-91
E4AE	FORD	5.8	No Model	H	351	V 8	84-97
E4AE-EA	FORD	3.8	No Model	3	232	V 6	82-87
E4AE-EA	FORD	3.8	No Model	C	232	V 6	84-85
E4AE-FA	FORD	5.8	No Model	G	351	V 8	80-82
E4AE-FA	FORD	5.8	No Model	G	351	V 8	83-91
E4AE-FA	FORD	5.8	No Model	H	351	V 8	79
E4AE-FA	FORD	5.8	No Model	H	351	V 8	84-97
E4AE-FA5	FORD	5.8	No Model	G	351	V 8	80-82
E4AE-FA5	FORD	5.8	No Model	G	351	V 8	83-91
E4AE-FA5	FORD	5.8	No Model	H	351	V 8	79
E4AE-FA5	FORD	5.8	No Model	H	351	V 8	84-97
E4EE	FORD	1.6	ESCORT,TURBO	8	98	L 4	83-85
E4HN-6015-AC	FORD	6.6	TRUCK	P	401	L 6	86-98
E4TE	FORD	4.9	No Model	Y	300	L 6	83-84
E4TE	FORD	4.9	No Model	Y	300	L 6	85-86
E59E-BA	FORD	2.3	No Model	A	140	L 4	80-84
E59E-BA	FORD	2.3	No Model	A	140	L 4	85-88
E59E-BA	FORD	2.3	No Model	W	140	L 4	83-88
E5AE	FORD	5.0	No Model	F	302	V 8	84-87
E5AE	FORD	5.0	No Model	M	302	V 8	84-87
E5AE-	FORD	5.0	No Model	F	302	V 8	83-87
E5AE-	FORD	5.0	No Model	N	302	V 8	85-97
E5AE-AA	FORD	5.8	No Model	G	351	V 8	83-91
E5AE-AA	FORD	5.8	No Model	H	351	V 8	79
E5AE-AA	FORD	5.8	No Model	H	351	V 8	84-97

Cylinder Block Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
E5AE-C38	FORD	5.0	No Model	M	302	V 8	84-87
E5AE-C3B	FORD	5.0	No Model	F	302	V 8	83-87
E5AE-C3B	FORD	5.0	No Model	F	302	V 8	84-87
E5AE-C3B	FORD	5.0	No Model	F	302	V 8	88-93
E5AE-EA	FORD	3.8	No Model	3	232	V 6	82-87
E5AE-EA	FORD	3.8	No Model	C	232	V 6	84-85
E5EE-AA	FORD	1.9	ESCORT	2	116	L 4	87-96
E5EE-AA	FORD	1.9	ESCORT	9	116	L 4	86-90
E5EE-AA	FORD	1.9	No Model	J	116	L 4	86-96
E5EE-BE	FORD	1.9	ESCORT	2	116	L 4	87-96
E5EE-BE	FORD	1.9	ESCORT	9	116	L 4	86-90
E5EE-BE	FORD	1.9	No Model	J	116	L 4	86-96
E5HN-6015-AH	FORD	7.8	No Model	A	474	L 6	86-95
E5HN-6015-BD	FORD	7.8	No Model	A	474	L 6	86-95
E5NN-6015-BA	FORD	3.3	BSD-333		201	L 3	65-72
E5SE-C3B	FORD	5.0	No Model	E	302	V 8	87-93
E5SE-C3B	FORD	5.0	No Model	F	302	V 8	83-87
E5SE-C3B	FORD	5.0	No Model	F	302	V 8	84-87
E5SE-C3B	FORD	5.0	No Model	F	302	V 8	88-93
E5SE-C3B	FORD	5.0	No Model	M	302	V 8	84-87
E5SE-C3B	FORD	5.0	No Model	M	302	V 8	86-86
E5SE-C3B	FORD	5.0	No Model	N	302	V 8	85-97
E5TE	FORD	4.9	No Model	Y	300	L 6	83-84
E5TE	FORD	4.9	No Model	Y	300	L 6	85-86
E5TE-MB	FORD	4.9	CSG-649		300	L 6	65-93
E5TE-MB	FORD	4.9	No Model		300	L 6	76-85
E5TE-MB	FORD	4.9	No Model	9	300	L 6	82-84
E5TE-MB	FORD	4.9	No Model	9	300	L 6	85-86
E5TE-MB	FORD	4.9	No Model	Y	300	L 6	85-86
E5TE-MB	FORD	4.9	No Model	Y	300	L 6	87-96
E63E-J3B	FORD	2.5	TAURUS	D	153	L 4	86-91
E69E-AA	FORD	2.3	No Model	A	140	L 4	85-88
E6AE-A	FORD	3.0	AEROSTAR	U	183	V 6	90-99
E6AE-A	FORD	3.0	No Model	U	183	V 6	86-90
E6AE-A	FORD	3.0	TAURUS	1	183	V 6	97-03
E6AE-A	FORD	3.0	TAURUS	2	183	V 6	96-03
E6AE-A	FORD	3.0	TAURUS	U	183	V 6	00-03
E6AE-AC	FORD	3.0	AEROSTAR	U	183	V 6	90-99
E6AE-AC	FORD	3.0	No Model	U	183	V 6	86-90
E6AE-AC	FORD	3.0	TAURUS	1	183	V 6	97-03
E6AE-AC	FORD	3.0	TAURUS	2	183	V 6	96-03
E6AE-AC	FORD	3.0	TAURUS	U	183	V 6	00-03
E6AE-AE	FORD	3.0	AEROSTAR	U	183	V 6	90-99
E6AE-AE	FORD	3.0	No Model	U	183	V 6	86-90
E6AE-AE	FORD	3.0	TAURUS	1	183	V 6	97-03
E6AE-AE	FORD	3.0	TAURUS	2	183	V 6	96-03
E6AE-AE	FORD	3.0	TAURUS	U	183	V 6	00-03
E6AE-AG	FORD	3.0	AEROSTAR	U	183	V 6	90-99
E6AE-AG	FORD	3.0	No Model	U	183	V 6	86-90
E6AE-AG	FORD	3.0	TAURUS	1	183	V 6	97-03
E6AE-AG	FORD	3.0	TAURUS	2	183	V 6	96-03
E6AE-AG	FORD	3.0	TAURUS	U	183	V 6	00-03
E6NN-6015-BA	FORD	3.3	BSD-333		201	L 3	65-72
E6NN-6015-CC	FORD	4.4	BSD-444		268	L 4	
E6NN-6015-CC	FORD	4.4	BSD-444T		268	L 4	
E6NN-6015-CC	FORD	5.0	BSD-450T		304	L 4	
E6NN-6015-CD	FORD	4.2	5000	D	256	L 4	72-78
E6NN-CD	FORD	4.2	BSD-442		256	L 4	
E6NN-CD	FORD	4.2	BSD-442T		256	L 4	
E6SE	FORD	5.0	No Model	F	302	V 8	84-87
E6SE	FORD	5.0	No Model	M	302	V 8	84-87

Cylinder Block Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
E6SE-	FORD	5.0	No Model	N	302	V 8	85-97
E6SE-BA	FORD	5.0	No Model	E	302	V 8	87-93
E6SE-BA	FORD	5.0	No Model	F	302	V 8	83-87
E6SE-BA	FORD	5.0	No Model	F	302	V 8	84-87
E6SE-BA	FORD	5.0	No Model	F	302	V 8	88-93
E6SE-BA	FORD	5.0	No Model	M	302	V 8	84-87
E6SE-BA	FORD	5.0	No Model	M	302	V 8	86-86
E6SE-BA	FORD	5.0	No Model	N	302	V 8	85-97
E73E	FORD	2.3	No Model	X	140	L 4	85-86
E73E	FORD	2.3	TEMPO	S	140	L 4	85-91
E7DE	FORD	2.5	TAURUS	D	153	L 4	86-91
E7DE-B3A	FORD	2.5	TAURUS	D	153	L 4	86-91
E7EE-BB	FORD	1.9	ESCORT	2	116	L 4	87-96
E7EE-BB	FORD	1.9	ESCORT	9	116	L 4	86-90
E7EE-BB	FORD	1.9	No Model	J	116	L 4	86-96
E7EE-FA	FORD	1.9	ESCORT	2	116	L 4	87-96
E7EE-FA	FORD	1.9	ESCORT	9	116	L 4	86-90
E7EE-FA	FORD	1.9	No Model	J	116	L 4	86-96
E7HE-BA	FORD	6.1	No Model	H	370	V 8	79-93
E7TE	FORD	4.9	No Model	Y	300	L 6	85-86
E7TE	FORD	4.9	No Model	Y	300	L 6	87-96
E7TE	FORD	5.0	No Model	E	302	V 8	87-93
E7TE	FORD	5.0	No Model	F	302	V 8	84-87
E7TE	FORD	5.0	No Model	F	302	V 8	88-93
E7TE	FORD	5.0	No Model	M	302	V 8	84-87
E7TE	FORD	5.0	No Model	N	302	V 8	85-97
E7TE	FORD	7.5	No Model	G	460	V 8	87-98
E7TE-A	FORD	4.9	No Model	9	300	L 6	85-86
E7TE-A	FORD	4.9	No Model	Y	300	L 6	85-86
E7TE-A	FORD	4.9	No Model	Y	300	L 6	87-96
E7TE-CA	FORD	5.0	EXPLORER	P	302	V 8	97-00
E7TE-CA	FORD	5.0	No Model	E	302	V 8	87-93
E7TE-CA	FORD	5.0	No Model	F	302	V 8	83-87
E7TE-CA	FORD	5.0	No Model	F	302	V 8	84-87
E7TE-CA	FORD	5.0	No Model	F	302	V 8	88-93
E7TE-CA	FORD	5.0	No Model	M	302	V 8	84-87
E7TE-CA	FORD	5.0	No Model	N	302	V 8	85-97
E7TE-CA	FORD	5.0	No Model	T	302	V 8	91-95
E7TE-DB	FORD	4.9	No Model	9	300	L 6	85-86
E7TE-DB	FORD	4.9	No Model	Y	300	L 6	85-86
E7TE-DB	FORD	4.9	No Model	Y	300	L 6	87-96
E7TE-EA	FORD	5.0	EXPLORER	P	302	V 8	97-00
E7TE-EA	FORD	5.0	No Model	E	302	V 8	87-93
E7TE-EA	FORD	5.0	No Model	F	302	V 8	83-87
E7TE-EA	FORD	5.0	No Model	F	302	V 8	84-87
E7TE-EA	FORD	5.0	No Model	F	302	V 8	88-93
E7TE-EA	FORD	5.0	No Model	M	302	V 8	84-87
E7TE-EA	FORD	5.0	No Model	N	302	V 8	85-97
E7TE-EA	FORD	5.0	No Model	T	302	V 8	91-95
E7TE-GA	FORD	7.5	LSG875		460	V 8	
E7TE-GA	FORD	7.5	No Model	G	460	V 8	87-98
E7TE-GA	FORD	7.5	No Model	L	460	V 8	79-87
E7TE-GA	FORD	7.5	No Model	SVO	460	V 8	87-97
E7ZE-BA	FORD	2.3	No Model	A	140	L 4	85-88
E7ZE-BA	FORD	2.3	No Model	A	140	L 4	89-98
E82	CHRYSLER	1.6	OMNI	A	97	L 4	83-86
E83E-D11B	FORD	2.3	No Model	X	141	L 4	87-94
E83E-D11B	FORD	2.3	TEMPO	S	140	L 4	85-91
E83E-D3B	FORD	2.3	No Model	X	141	L 4	87-94
E83E-D3B	FORD	2.3	TEMPO	S	140	L 4	85-91
E89E-AD	FORD	2.3	No Model	A	140	L 4	85-88

Cylinder Block Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
E89E-AD	FORD	2.3	No Model	A	140	L 4	89-98
E89E-AD	FORD	2.3	No Model	M	140	L 4	91-93
E89E-AD	FORD	2.3	No Model	W	140	L 4	83-88
E89E-AD	MAZDA	2.3	B2300	A	140	L 4	94-97
E8AE-AA	FORD	5.8	No Model	G	351	V 8	83-91
E8DE	FORD	2.5	TAURUS	D	153	L 4	86-91
E8DE	FORD	3.8	No Model	4	232	V 6	88-95
E8DE	FORD	3.8	No Model	R	232	V 6	89-95
E8DE-B78	FORD	3.8	No Model	4	232	V 6	88-95
E8DE-B78	FORD	3.8	No Model	4	232	V 6	88-95
E8DE-C3A	FORD	2.5	TAURUS	D	153	L 4	86-91
E8DE-DB	FORD	3.8	No Model	4	232	V 6	88-95
E8DE-DB	FORD	3.8	No Model	4	232	V 6	88-95
E8EE-AA	FORD	1.9	ESCORT	2	116	L 4	87-96
E8EE-AA	FORD	1.9	ESCORT	9	116	L 4	86-90
E8EE-AA	FORD	1.9	No Model	J	116	L 4	86-96
E8NN-6015-CD	FORD	4.2	5000	D	256	L 4	72-78
E8NN-CD	FORD	4.2	BSD-442		256	L 4	
E8NN-CD	FORD	4.2	BSD-442T		256	L 4	
E8PE-BA	FORD	2.3	No Model	A	140	L 4	85-88
E8SE	FORD	3.8	No Model	4	232	V 6	88-95
E8SE	FORD	3.8	No Model	R	232	V 6	89-95
E8SE-AB	FORD	3.8	No Model	4	232	V 6	88-95
E8SE-AB	FORD	3.8	No Model	4	232	V 6	88-95
E8ZE-CA	FORD	2.3	No Model	A	140	L 4	85-88
E9AE	FORD	5.8	No Model	G	351	V 8	83-91
E9AE-AA	FORD	5.8	No Model	G	351	V 8	83-91
E9AE-AA	FORD	5.8	No Model	H	351	V 8	79
E9AE-AA	FORD	5.8	No Model	H	351	V 8	84-97
E9DE-BJ	FORD	3.8	No Model	4	232	V 6	88-95
E9DE-BJ	FORD	3.8	No Model	4	232	V 6	88-95
E9DE-BJ	FORD	3.8	No Model	R	232	V 6	89-95
E9DE-EA	FORD	3.0	AEROSTAR	U	183	V 6	90-99
E9DE-EA	FORD	3.0	No Model	U	183	V 6	86-90
E9DE-EA	FORD	3.0	TAURUS	1	183	V 6	97-03
E9DE-EA	FORD	3.0	TAURUS	2	183	V 6	96-03
E9SE-A4M	FORD	3.8	No Model	4	232	V 6	88-95
E9SE-A4M	FORD	3.8	No Model	4	232	V 6	88-95
E9SE-A4M	FORD	3.8	No Model	R	232	V 6	89-95
E9SE-AM	FORD	3.8	No Model	4	232	V 6	88-95
E9SE-DB	FORD	3.8	No Model	4	232	V 6	88-95
E9SE-DB	FORD	3.8	No Model	4	232	V 6	88-95
E9SE-DB	FORD	3.8	No Model	R	232	V 6	89-95
E9SE-FB	FORD	3.8	No Model	4	232	V 6	88-95
E9SE-FB	FORD	3.8	No Model	4	232	V 6	88-95
E9SE-FB	FORD	3.8	No Model	R	232	V 6	89-95
E9SE-FB	FORD	3.8	No Model	R	232	V 6	89-95
EA71	SUBARU	1.6	No Model	2	97	H 4	78-86
EAA	FORD	3.5	No Model		215	L 6	52-53
EAA-C	FORD	3.5	No Model		215	L 6	52-53
EAB-1	SUBARU	1.8	No Model	4,5,7	109	H 4	80-89
EAD	FORD	4.6	No Model		279	V 8	52-55
EAD	FORD	5.2	No Model		317	V 8	52-55
EAE	FORD	2.2	TRACTORS, NAA,600,700		134	L 4	54-60
EAE-F	FORD	2.2	TRACTORS, NAA,600,700		134	L 4	54-60
EAM	FORD	3.7	No Model		226	L 6	47-52
EB	HONDA	1.2	CIVIC	EB1	75	L 4	73-79
EB	HONDA	1.2	CIVIC	EB2	75	L 4	74-77
EB	HONDA	1.2	CIVIC	EB3	75	L 4	78-79
EB-2	HONDA	1.2	CIVIC	EB1	75	L 4	73-79
EB-2	HONDA	1.2	CIVIC	EB2	75	L 4	74-77

Cylinder Block Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
EB-2	HONDA	1.2	CIVIC	EB3	75	L 4	78-79
EB-3	HONDA	1.2	CIVIC	EB1	75	L 4	73-79
EB-3	HONDA	1.2	CIVIC	EB2	75	L 4	74-77
EB-3	HONDA	1.2	CIVIC	EB3	75	L 4	78-79
EBP	FORD	3.7	No Model		226	L 6	47-52
EBP-A	FORD	3.7	No Model		226	L 6	47-52
EBP-B	FORD	3.7	No Model		226	L 6	47-52
EBP-C	FORD	3.7	No Model		226	L 6	47-52
EBP-D	FORD	3.7	No Model		226	L 6	47-52
EBP-E	FORD	3.7	No Model		226	L 6	47-52
EBP-F	FORD	3.7	No Model		226	L 6	47-52
EBP-G	FORD	3.7	No Model		226	L 6	47-52
EBP-H	FORD	3.7	No Model		226	L 6	47-52
EBP-L	FORD	3.7	No Model		226	L 6	47-52
EBU	FORD	3.9	No Model		239	V 8	46-53
EBV	FORD	3.9	No Model		239	V 8	46-53
EBV-E	FORD	3.9	No Model		239	V 8	46-53
EBV-F	FORD	3.9	No Model		239	V 8	46-53
EBV-J	FORD	3.9	No Model		239	V 8	46-53
EBY	FORD	4.3	No Model	L	262	L 6	61-64
EBY	FORD	4.8	No Model		292	V 8	55-66
EBY-F	FORD	4.8	No Model		292	V 8	55-66
ECA	CHRYSLER	1.6	OMNI	A	97	L 4	83-86
ECG	FORD	4.3	No Model	L	262	L 6	61-64
ECG	FORD	4.8	No Model		292	V 8	55-66
ECG-A	FORD	4.8	No Model		292	V 8	55-66
ECG-B	FORD	4.8	No Model		292	V 8	55-66
ECG-C	FORD	4.8	No Model		292	V 8	55-66
ECK	FORD	4.4	No Model		272	V 8	56-66
ECK	FORD	4.8	No Model		292	V 8	55-66
ECK-B	FORD	4.4	No Model		272	V 8	56-66
ECK-B	FORD	4.8	No Model		292	V 8	55-66
ECT	FORD	5.4	No Model		332	V 8	58-59
ECT	FORD	5.4	No Model	CAR	332	V 8	58-59
ECT-A	FORD	5.4	No Model		332	V 8	58-59
ECT-A	FORD	5.4	No Model	CAR	332	V 8	58-59
ECU	FORD	6.0	No Model		368	V 8	56-57
ECZ	FORD	4.4	No Model		272	V 8	56-66
ECZ	FORD	4.8	No Model		292	V 8	55-66
ECZ	FORD	5.1	FAIRLANE		312	V 8	56-60
ECZ-A	FORD	5.1	FAIRLANE		312	V 8	56-60
ECZ-C	FORD	5.1	FAIRLANE		312	V 8	56-60
ED	HONDA	1.5	CIVIC	EW1	91	L 4	84-87
ED	HONDA	1.5	CIVIC	EW3	91	L 4	85-86
ED	HONDA	1.5	CIVIC	EW4	91	L 4	84-87
ED-1	HONDA	1.5	CIVIC	EW1	91	L 4	84-87
ED-1	HONDA	1.5	CIVIC	EW3	91	L 4	85-86
ED-1	HONDA	1.5	CIVIC	EW4	91	L 4	84-87
ED-2	HONDA	1.5	CIVIC	EW1	91	L 4	84-87
ED-2	HONDA	1.5	CIVIC	EW3	91	L 4	85-86
ED-2	HONDA	1.5	CIVIC	EW4	91	L 4	84-87
ED-3	HONDA	1.5	CIVIC	EW1	91	L 4	84-87
ED-3	HONDA	1.5	CIVIC	EW3	91	L 4	85-86
ED-3	HONDA	1.5	CIVIC	EW4	91	L 4	84-87
ED-4	HONDA	1.5	CIVIC	EW1	91	L 4	84-87
ED-4	HONDA	1.5	CIVIC	EW3	91	L 4	85-86
ED-4	HONDA	1.5	CIVIC	EW4	91	L 4	84-87
EDB	FORD	4.4	No Model		272	V 8	56-66
EDB	FORD	4.8	No Model		292	V 8	55-66
EDB	FORD	5.1	FAIRLANE		312	V 8	56-60
EDB-E	FORD	4.4	No Model		272	V 8	56-66

Cylinder Block Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
EDB-E	FORD	4.8	No Model		292	V 8	55-66
EDC	FORD	5.4	No Model		332	V 8	58-59
EDC	FORD	5.4	No Model	CAR	332	V 8	58-59
EDC	FORD	5.8	No Model		352	V 8	58-67
EDG	FORD	5.9	No Model	HD	361	V 8	66-78
EDG	FORD	6.3	No Model		383	V 8	57-61
EDJ	FORD	7.0	EDSEL	K	430	V 8	58-65
EDL	FORD	6.6	No Model	HD	401	V 8	58-76
EDL	FORD	7.8	No Model	GAS	477	V 8	78-81
EDL-B	FORD	6.0	No Model		368	V 8	56-57
EDM	FORD	6.0	No Model		368	V 8	56-57
EDM	FORD	7.8	No Model		475	V 8	73-79
EDM	FORD	7.8	No Model	GAS	477	V 8	78-81
EDM	FORD	8.8	No Model		534	V 8	58-81
EDM-B	FORD	7.8	No Model		475	V 8	73-79
EDM-B	FORD	7.8	No Model	GAS	477	V 8	78-81
EDM-B	FORD	8.8	No Model		534	V 8	58-81
EDN	FORD	7.8	No Model		475	V 8	73-79
EDN	FORD	7.8	No Model	GAS	477	V 8	78-81
EDN	FORD	8.8	No Model		534	V 8	58-81
EDV	FORD	4.4	No Model		272	V 8	56-66
EDV	FORD	4.8	No Model		292	V 8	55-66
EET	FORD	5.4	No Model		332	V 8	58-59
EET	FORD	5.4	No Model	CAR	332	V 8	58-59
EF-1	HONDA	1.6	CIVIC	D16A6	97	L 4	88-91
EF-2	HONDA	1.6	CIVIC	D16A6	97	L 4	88-91
EJ-1	HONDA	1.3	CIVIC	EJ	79	L 4	81-83
EJ-1	HONDA	1.3	No Model	D13A2	79	L 4	87
EJ-1	HONDA	1.3	No Model	EJ1	79	L 4	78-80
EJ-1	HONDA	1.3	No Model	EJ1	79	L 4	83
EK-1	HONDA	1.8	ACCORD	A18A1	110	L 4	87
EK-1	HONDA	1.8	ACCORD	EK1	107	L 4	80-80
EK-1	HONDA	1.8	ACCORD	EK1	107	L 4	81-82
EK-1	HONDA	1.8	ACCORD	EK1	107	L 4	83-83
EM-1	HONDA	1.5	CIVIC	EM1	91	L 4	80-80
EM-1	HONDA	1.5	CIVIC	EM1	91	L 4	81-82
EM-1	HONDA	1.5	CIVIC	EM1	91	L 4	83
EM-1	HONDA	1.5	CIVIC	EW1	91	L 4	84-87
EM-1	HONDA	1.5	CIVIC	EW3	91	L 4	85-86
EM-1	HONDA	1.5	CIVIC	EW4	91	L 4	84-87
EOAE-D3C	FORD	5.0	No Model	F	302	V 8	83-87
EOAE-D3C	FORD	5.0	No Model	F	302	V 8	84-87
EOAE-D3C	FORD	5.0	No Model	M	302	V 8	84-87
EOAE-D3C	FORD	5.0	No Model	M	302	V 8	86-86
ES-2	HONDA	1.8	ACCORD	ES2	112	L 4	83-84
ES-3	HONDA	1.8	ACCORD	ES3	112	L 4	85-85
ET-2	HONDA	1.8	PRELUDE	ET2	112	L 4	84-86
EV-1	HONDA	1.3	CIVIC	EV1	82	L 4	84
EV-1	HONDA	1.3	No Model	D13A2	79	L 4	87
EV-1	HONDA	1.3	No Model	EV1	82	L 4	85-87
EW-1	HONDA	1.5	CIVIC	EW1	91	L 4	84-87
EW-3	HONDA	1.5	CIVIC	EW3	91	L 4	85-86
EW-4	HONDA	1.5	CIVIC	EW4	91	L 4	84-87
F	FORD	2.9	SCORPIO	BRG	179	V 6	-95
FOAE-AA	FORD	5.8	F150	R	351	V 8	93-96
FOAE-AA	FORD	5.8	No Model	H	351	V 8	84-97
FOCE	FORD	1.9	ESCORT	2	116	L 4	87-96
FOCE-AB	FORD	1.9	No Model	J	116	L 4	86-96
F0TE	FORD	4.9	No Model	Y	300	L 6	87-96
F1213R	JOHN DEERE	6.2	70		379	L 2	50-57
F1956R	JOHN DEERE	5.9	720		361	L 2	

Cylinder Block Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
F1956R	JOHN DEERE	5.9	720	D	362	L 2	
F1956R	JOHN DEERE	5.9	730		361	L 2	
F1956R	JOHN DEERE	6.2	730	D	376	L 2	
F1AE-AK	FORD	4.6	No Model	W, X	281	V 8	91-05
F1AE-AM	FORD	4.6	No Model	W, X	281	V 8	91-05
F1DE-CA	FORD	2.5	TAURUS	D	153	L 4	86-91
F1DE-EA	FORD	3.8	No Model	4	232	V 6	88-95
F1SE	FORD	5.0	No Model	D	302	V 8	95-97
F1SE	FORD	5.0	No Model	E	302	V 8	87-93
F1SE	FORD	5.0	No Model	F	302	V 8	88-93
F1SE	FORD	5.0	No Model	N	302	V 8	85-97
F1SE	FORD	5.0	No Model	T	302	V 8	91-95
F1SE-A4A	FORD	3.8	No Model	4	232	V 6	88-95
F1SE-A5A	FORD	3.8	No Model	4	232	V 6	88-95
F1SE-BB	FORD	5.0	EXPLORER	P	302	V 8	97-00
F1SE-BB	FORD	5.0	No Model	N	302	V 8	85-97
F1SE-BB	FORD	5.0	No Model	T	302	V 8	91-95
F1SE-CA	FORD	3.8	No Model	R	232	V 6	89-95
F2	FORD	2.2	PROBE	C	133	L 4	89-92
F2	FORD	2.2	PROBE	L	133	L 4	89-92
F2	MAZDA	2.2	626	F2	133	L 4	88-92
F2	MAZDA	2.2	B2200	F2	133	L 4	87-93
F22A1	HONDA	2.2	ACCORD	F22A1	132	L 4	92-93
F22A6	HONDA	2.2	ACCORD	F22A1	132	L 4	92-93
F22B2	HONDA	2.2	ACCORD	F22B2	132	L 4	94-97
F22B6	HONDA	2.2	ACCORD	F22B6	132	L 4	94-97
F23E	FORD	2.3	No Model	X	141	L 4	87-94
F23E	FORD	2.3	TEMPO	S	140	L 4	85-91
F23E-J11A	FORD	2.3	No Model	X	141	L 4	87-94
F2DE	FORD	3.0	AEROSTAR	U	183	V 6	90-99
F2DE	FORD	3.0	TAURUS	U	183	V 6	00-03
F2DE-AB	FORD	3.0	AEROSTAR	U	183	V 6	90-99
F2DE-AB	FORD	3.0	TAURUS	1	183	V 6	97-03
F2DE-AB	FORD	3.0	TAURUS	2	183	V 6	96-03
F2DE-AB	FORD	3.0	TAURUS	U	183	V 6	00-03
F2DE-BA	FORD	3.0	AEROSTAR	U	183	V 6	90-99
F2DE-BA	FORD	3.0	TAURUS	1	183	V 6	97-03
F2DE-BA	FORD	3.0	TAURUS	2	183	V 6	96-03
F2DE-BA	FORD	3.0	TAURUS	U	183	V 6	00-03
F2TE	FORD	4.9	No Model	Y	300	L 6	87-96
F2TE-6015-BA	FORD	4.9	No Model	Y	300	L 6	87-96
F2TE-BA	FORD	4.9	No Model	Y	300	L 6	87-96
F2VE-AK	FORD	4.6	No Model	W, X	281	V 8	91-05
F2VE-BD	FORD	4.6	No Model	W, X	281	V 8	91-05
F2VE-BJ	FORD	4.6	No Model	W, X	281	V 8	91-05
F3510R	JOHN DEERE	5.9	720		361	L 2	
F3510R	JOHN DEERE	5.9	720	D	362	L 2	
F3510R	JOHN DEERE	5.9	730		361	L 2	
F3510R	JOHN DEERE	6.2	730	D	376	L 2	
F400A-4210	CONTINENTAL	2.7	162	F	162	L 4	
F400-A612	CONTINENTAL	2.7	162	F	162	L 4	
F400C303	CONTINENTAL	2.7	162	F	162	L 4	
F400C503	CONTINENTAL	2.7	162	F	162	L 4	
F400C509	CONTINENTAL	2.7	162	F	162	L 4	
F440C500	CONTINENTAL	2.0	124	F	124	L 4	
F485R	JOHN DEERE	6.8	G		413	2	38-53
F4TE-6015-BA	FORD	4.9	No Model	9	300	L 6	85-86
F4TE-6015-BA	FORD	4.9	No Model	Y	300	L 6	85-86
F4TE-6015-BA	FORD	4.9	No Model	Y	300	L 6	87-96
F4TE-AA	FORD	5.8	F150	R	351	V 8	93-96
F4TE-AA	FORD	5.8	No Model	H	351	V 8	84-97

Cylinder Block Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
F4TE-AAS	FORD	5.8	No Model	H	351	V 8	84-97
F4VE-AA	FORD	4.6	No Model	W, X	281	V 8	91-05
F550R	JOHN DEERE	6.8	G		413	2	38-53
F57E-6015-DF	FORD	2.3	No Model	A	140	L 4	89-98
F57E-DE	FORD	2.3	No Model	A	140	L 4	89-98
F57E-DE	MAZDA	2.3	B2300	A	140	L 4	94-97
F57E-DF	FORD	2.3	No Model	A	140	L 4	89-98
F57E-DF	MAZDA	2.3	B2300	A	140	L 4	94-97
F57E-DG	FORD	2.3	No Model	A	140	L 4	89-98
F57E-DG	MAZDA	2.3	B2300	A	140	L 4	94-97
F58E	FORD	3.0	AEROSTAR	U	183	V 6	90-99
F58E	FORD	3.0	TAURUS	U	183	V 6	00-03
F58E-AF	FORD	3.0	AEROSTAR	U	183	V 6	90-99
F58E-AF	FORD	3.0	TAURUS	U	183	V 6	00-03
F5DE-ED	FORD	3.4	TAURUS SHO	N	207	V 8	96-99
F5DE-EH	FORD	3.0	TAURUS	S	182	V 6	96-04
F5DE-EH	FORD	3.4	TAURUS SHO	N	207	V 8	96-99
F5DE-EH	MAZDA	3.0	TRIBUTE	1	182	V 6	-03
F600A62	CONTINENTAL	3.7	F226	F	226	L 6	
F600A68	CONTINENTAL	3.7	F226	F	226	L 6	
F600C243	CONTINENTAL	3.7	227	F	227	L 6	
F600C243	CONTINENTAL	4.0	245	F	245	L 6	
F600C-243	CONTINENTAL	4.0	245	F	245	L 6	
F600C-243	CONTINENTAL	4.0	245	F	245	L 6	
F600C368	CONTINENTAL	3.7	F226	F	226	L 6	
F600C504	CONTINENTAL	4.0	F244	F	244	L 6	
F600C600	CONTINENTAL	3.4	F209	F	209	L 6	
F65E-6015-AD	FORD	4.2	F150	2	256	V 6	97-04
F65E6015CC	FORD	4.6	No Model	W, X	281	V 8	91-05
F65E-BB	FORD	4.6	No Model	6	281	V 8	96-01
F65E-CC	FORD	4.6	No Model	W, X	281	V 8	91-05
F68E	FORD	3.8	WINDSTAR	4	232	V 6	96-04
F6AE	FORD	3.0	AEROSTAR	U	183	V 6	90-99
F6AE	FORD	3.0	TAURUS	U	183	V 6	00-03
F6DE	FORD	3.0	AEROSTAR	U	183	V 6	90-99
F6DE	FORD	3.0	TAURUS	U	183	V 6	00-03
F6DE6015FD	FORD	5.4	NAVIGATOR	L	330	V 8	98-05
F6DE-DE	FORD	3.0	AEROSTAR	U	183	V 6	90-99
F6DE-DE	FORD	3.0	TAURUS	U	183	V 6	00-03
F6LE-AB	FORD	4.6	No Model	V	281	V 8	93-03
F6OE-AB	FORD	4.6	No Model	V	281	V 8	93-03
F6VE	FORD	4.6	No Model	W, X	281	V 8	91-05
F75E	FORD	4.2	F150	2	256	V 6	97-04
F75E	FORD	4.6	No Model	6	281	V 8	96-01
F75EAG	FORD	5.4	NAVIGATOR	A	330	V 8	99-01
F75E-AG	FORD	5.4	NAVIGATOR	A	330	V 8	99-01
F78E	FORD	3.8	WINDSTAR	4	232	V 6	96-04
F7AE	FORD	4.6	No Model	W, X	281	V 8	91-05
F7CE-AA	FORD	2.0	ESCORT	P	122	L 4	97-03
F7PE-AA	FORD	2.5	CONTOUR	L	155	V 6	95-02
F7VE	FORD	4.6	No Model	W, X	281	V 8	91-05
F8CE-AA	FORD	2.0	ESCORT	P	122	L 4	97-03
F8OE-AB	FORD	4.6	No Model	V	281	V 8	93-03
FE	MAZDA	2.0	626	FE	122	L 4	83-87
FE	MAZDA	2.0	B2000	FE(1)	122	L 4	83-88
FOAE-AA	FORD	5.8	No Model	H	351	V 8	84-97
FOTE-6015-DA	FORD	4.9	No Model	9	300	L 6	85-86
FOTE-6015-DA	FORD	4.9	No Model	Y	300	L 6	85-86
FOTE-6015-DA	FORD	4.9	No Model	Y	300	L 6	87-96
FOTE-DA	FORD	4.9	No Model	Y	300	L 6	87-96
FS	FORD	2.0	PROBE	A	122	L 4	93-97

Cylinder Block Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
FS	MAZDA	2.0	626,MR2	FS	122	L 4	93-02
FT8N	FORD	2.0	TRACTORS, 2N,8N,9N,NAA	2N	120	L 4	39-54
FY5	KUBOTA	2.1	K21		126	L 4	
FY5	NISSAN	2.1	K21		126	L 4	
G10	GM	1.0	SPRINT	5	61	L 3	86-88
G10	GM	1.0	SPRINT	M	61	L 3	85
G12B	CHRYSLER	1.4	No Model	MMC	86	L 4	79-84
G12B	MITSUBISHI	1.4	No Model		86	L 4	77-84
G13A	SUZUKI	1.3	SAMURAI	3	79	L 4	85-95
G13B	GM	1.3	TRACKER	9	79	L 4	92-94
G13BA	GM	1.3	METRO	9	79	L 4	95-96
G13BA	SUZUKI	1.3	SAMURAI	3	79	L 4	85-95
G13K	SUZUKI	1.3	SIDEKICK	3	79	L 4	92-94
G15B	CHRYSLER	1.5	COLT	A	91	L 4	90-96
G15B	CHRYSLER	1.5	COLT	K	91	L 4	85-88
G15B	CHRYSLER	1.5	COLT	X	91	L 4	89-90
G15B	HYUNDAI	1.5	EXCEL	J	90	L 4	86-89
G15B	HYUNDAI	1.5	EXCEL	J	90	L 4	90-94
G15B	MITSUBISHI	1.5	MIRAGE	A	92	L 4	90-99
G15B	MITSUBISHI	1.5	MIRAGE	K	90	L 4	85-88
G15B	MITSUBISHI	1.5	MIRAGE	X	90	L 4	89-90
G16-A	GM	1.6	TRACKER	6	97	L 4	95-99
G16-A	GM	1.6	TRACKER	U	97	L 4	89-96
G16-A	SUZUKI	1.6	No Model	O	97	L 4	89-95
G16-A	SUZUKI	1.6	SIDEKICK	O	97	L 4	92-93
G16KV	GM	1.6	TRACKER	6	97	L 4	95-99
G16KV	SUZUKI	1.6	SIDEKICK	O	97	L 4	94-98
G18	SUZUKI	1.8	SIDEKICK	2	110	L 4	96-02
G180	GM	1.8	LUV		110	L 4	76-86
G180	GM	1.8	LUV	2	110	L 4	72-75
G180	ISUZU	1.8	I-MARK	B	111	L 4	81-85
G200	GM	1.9	LUV	A	119	L 4	82-85
G200	ISUZU	1.9	IMPULSE	A	119	L 4	82-88
G2148	CASE	3.1	530	G	188	L 4	
G32B	CHRYSLER	1.6	COLT	K	98	L 4	79-80
G32B	CHRYSLER	1.6	No Model	F	98	L 4	85-89
G32B	MITSUBISHI	1.6	MIRAGE	F	98	L 4	85-86
G32B	MITSUBISHI	1.6	MIRAGE	F	98	L 4	87-88
G4CN	HYUNDAI	1.8	ELANTRA	M	112	L 4	93-99
G4CP	HYUNDAI	2.0	SONATA	F	122	L 4	92-03
G4CP	HYUNDAI	2.0	SONATA	F	122	L 4	92-98
G4DJ	HYUNDAI	1.5	EXCEL	J	90	L 4	86-89
G4DJ	HYUNDAI	1.5	EXCEL	J	90	L 4	90-94
G52A	CHRYSLER	2.0	COLT	MMC	122	L 4	75-88
G52A	MITSUBISHI	2.0	4G52		122	L 4	
G52A	MITSUBISHI	2.0	No Model		122	L 4	74-82
G52B	CHRYSLER	2.0	COLT	MMC	122	L 4	75-88
G52B	MITSUBISHI	2.0	4G52		122	L 4	
G52B	MITSUBISHI	2.0	No Model		122	L 4	74-82
G54	CHRYSLER	2.6	CONQUEST	H	156	L 4	84-88
G54	CHRYSLER	2.6	No Model	D	156	L 4	78-80
G54	CHRYSLER	2.6	No Model	D	156	L 4	79-82
G54	CHRYSLER	2.6	No Model	G	156	L 4	83-86
G54	CHRYSLER	2.6	RAM-50	7	156	L 4	81-85
G54	CHRYSLER	2.6	RAM-50	E	156	L 4	85-89
G54	MITSUBISHI	2.6	MONTERO	E	156	L 4	83-85
G54	MITSUBISHI	2.6	MONTERO	E	156	L 4	86-90
G54	MITSUBISHI	2.6	No Model	7	156	L 4	83-89
G54	MITSUBISHI	2.6	No Model	N	156	L 4	83-85
G54	MITSUBISHI	2.6	No Model	N	156	L 4	86-89
G54	MITSUBISHI	2.6	STARION	H	156	L 4	84-85

Cylinder Block Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
G54	MITSUBISHI	2.6	STARION	H	156	L 4	86-87
G54B	CHRYSLER	2.6	CONQUEST	H	156	L 4	84-88
G54B	CHRYSLER	2.6	No Model	D	156	L 4	78-80
G54B	CHRYSLER	2.6	No Model	D	156	L 4	79-82
G54B	CHRYSLER	2.6	No Model	G	156	L 4	83-86
G54B	CHRYSLER	2.6	RAM-50	7	156	L 4	81-85
G54B	CHRYSLER	2.6	RAM-50	E	156	L 4	85-89
G54B	MAZDA	2.6	B2600	G54	156	L 4	86-88
G54B	MITSUBISHI	2.6	MONTERO	E	156	L 4	83-85
G54B	MITSUBISHI	2.6	MONTERO	E	156	L 4	86-90
G54B	MITSUBISHI	2.6	No Model	7	156	L 4	83-89
G54B	MITSUBISHI	2.6	No Model	N	156	L 4	83-85
G54B	MITSUBISHI	2.6	No Model	N	156	L 4	86-89
G54B	MITSUBISHI	2.6	STARION	H	156	L 4	84-85
G54B	MITSUBISHI	2.6	STARION	H	156	L 4	86-87
G62	CHRYSLER	2.0	COLT	D	122	L 4	83-90
G62	CHRYSLER	2.0	COLT	MMC	122	L 4	75-88
G62	CHRYSLER	2.0	COLT	V	122	L 4	89-91
G62	CHRYSLER	2.0	No Model	MMC	122	L 4	83-90
G62	MITSUBISHI	2.0	4G52		122	L 4	
G62	MITSUBISHI	2.0	No Model		122	L 4	74-82
G62B	MITSUBISHI	1.8	CORDIA	G	109	L 4	84-88
G63	CHRYSLER	2.0	COLT	D	122	L 4	83-90
G63	CHRYSLER	2.0	COLT	MMC	122	L 4	75-88
G63	CHRYSLER	2.0	COLT	V	122	L 4	89-91
G63	CHRYSLER	2.0	No Model	MMC	122	L 4	83-90
G63	MITSUBISHI	2.0	4G52		122	L 4	
G63	MITSUBISHI	2.0	No Model		122	L 4	74-82
G63B	CHRYSLER	2.0	COLT	D	122	L 4	83-90
G63B	CHRYSLER	2.0	COLT	MMC	122	L 4	75-88
G63B	CHRYSLER	2.0	COLT	V	122	L 4	89-91
G63B	CHRYSLER	2.0	No Model	MMC	122	L 4	83-90
G63B	MITSUBISHI	2.0	4G52		122	L 4	
G63B	MITSUBISHI	2.0	CORDIA	D	122	L 4	84-86
G63B	MITSUBISHI	2.0	CORDIA	D	122	L 4	87
G63B	MITSUBISHI	2.0	CORDIA	D	122	L 4	88-89
G63B	MITSUBISHI	2.0	No Model		122	L 4	74-82
G64B	CHRYSLER	2.4	COLT VISTA	G	143	L 4	93-95
G64B	CHRYSLER	2.4	COLT VISTA	W	143	L 4	90-92
G64B	CHRYSLER	2.4	RAM-50	G	143	L 4	93-95
G64B	HYUNDAI	2.4	SONATA	S	143	L 4	89-93
G64B	MITSUBISHI	2.4	GALANT	G	143	L 4	93-04
G64B	MITSUBISHI	2.4	GALANT	L	143	L 4	94-95
G64B	MITSUBISHI	2.4	No Model	L	143	L 4	85-86
G64B	MITSUBISHI	2.4	No Model	W	143	L 4	89-92
G64B	MITSUBISHI	2.4	VAN	L	143	L 4	87-88
G6AT	HYUNDAI	3.0	SONATA	T	183	V 6	89-98
GA16DE	NISSAN	1.6	SENTRA	A	97	L 4	91-98
GA16I	NISSAN	1.6	SENTRA	GA16I	97	L 4	89-90
GD193C600	CONTINENTAL	3.2	G193		193	L 4	
GPN-6015	CHRYSLER	2.2	No Model	A/J	134	L 4	42-71
GPN-6015	HENRY	2.2	No Model		134	L 4	53-71
GPN-6015	JEEP	2.2	No Model		134	L 4	53-71
GPW-6015	CHRYSLER	2.2	No Model	A/J	134	L 4	42-71
GPW-6015	HENRY	2.2	No Model		134	L 4	53-71
GPW-6015	JEEP	2.2	No Model		134	L 4	53-71
H10	NISSAN	1.2	No Model	A12	72	L 4	72
H10	NISSAN	1.2	No Model	A12	72	L 4	73
H23A1	HONDA	2.3	PRELUDE	H23A1	138	L 4	92-95
H62	NISSAN	1.3	No Model	A13	79	L 4	74
H72	NISSAN	1.4	210	A14	85	L 4	79-80

Cylinder Block Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
H72	NISSAN	1.4	210	A14	85	L 4	81-82
H72	NISSAN	1.4	B210	A14	85	L 4	75-77
H72	NISSAN	1.4	B210	A14	85	L 4	78
J05500R3	NAVISTAR	2.5	385	D155	155	L 3	
J15	NISSAN	1.5	J15		90	L 4	69-90
J278	JOHN DEERE	1.1	L SERIES		66	L 2	31-42
JE	MAZDA	3.0	929	JE	180	V 6	88-89
JE	MAZDA	3.0	929	JE	180	V 6	90-97
JE27	MAZDA	3.0	929	JE	180	V 6	90-96
JE48	MAZDA	3.0	929	JE	180	V 6	90-96
JE74	MAZDA	3.0	929	JE	180	V 6	90-96
JS78	JOHN DEERE	1.1	L SERIES		66	L 2	31-42
K946800	CASE	3.1	990		186	L 4	61-75
K948770	CASE	5.4	1594	D(2)	329	L 6	
K948770	CASE	5.4	1690	D	329	L 6	
KA24-020624X	NISSAN	2.4	STANZA	S	146	L 4	91-98
KA24-202624X	NISSAN	2.4	AXXESS	H	146	L 4	90
KA24DE	NISSAN	2.4	ALTIMA	B	146	L 4	91-97
KA24E	NISSAN	2.4	AXXESS	H	146	L 4	90
KA24E	NISSAN	2.4	STANZA	S	146	L 4	91-98
KBY	FORD	4.8	No Model		292	V 8	55-66
KJ	MAZDA	2.3	MILLENIA	KJ	137	V 6	94-99
KL	FORD	2.5	PROBE	B	153	V 6	93-99
KL	MAZDA	2.5	626	KL	153	V 6	93-00
L-1111	CHRYSLER	2.4	COLT VISTA	W	143	L 4	90-92
L-1111	MITSUBISHI	2.4	No Model	W	143	L 4	89-92
L261010	HERCULES	2.1	GO-130		130	L 3	
L261010	HERCULES	2.4	GO-149		149	L 3	
L4100T	JOHN DEERE	1.1	L SERIES		66	L 2	31-42
LEM853	FORD	0.7	LEK752C2		43	L 2	
LEM853	FORD	0.7	LEK757C		43	L 2	
LEM853	FORD	0.8	LEK802D		49	L 2	
LEM853	FORD	0.8	LEK802D/1200		49	L 2	
LEM853	FORD	0.9	CM224		58	L 3	
LEM853	FORD	0.9	S723		53	L 3	
LEM853	FORD	1.1	K773		68	L 3	
LEM853	FORD	1.1	LET862C		69	L 2	
LEM853	FORD	1.3	LE892		77	L 2	
LEM853	FORD	1.4	H843		85	L 3	
LEM853	FORD	1.4	LEM853		87	L 3	
LN2	ISUZU	2.2	HOMBRE	4	134	L 4	96-98
M08	NISSAN	1.2	No Model	A12	72	L 4	72
M08	NISSAN	1.2	No Model	A12	72	L 4	73
M4	MITSUBISHI	3.5	MONTERO	R	213	V 6	97-04
M4-122G	MAZDA	2.0	No Model	VA	121	L 4	71-79
M44567E	HERCULES	5.6	No Model	JXLD	339	L 6	
M4-91	MAZDA	1.5	No Model	UA	90	L 4	70-79
M64-7	JOHN DEERE	1.7	40		101	L 2	
N62A601	ALLIS CHALMERS	1.0	G	N	62	L 4	
N62C500	CONTINENTAL	1.0	62	N	62	L 4	
N9T	PEUGEOT	2.2	No Model		132	L 4	85-90
NAA	FORD	2.2	TRACTORS, NAA,600,700		134	L 4	54-60
PB4	FORD	2.0	PROBE	A	122	L 4	93-97
PB4	MAZDA	2.0	626,MR2	FS	122	L 4	93-02
PK3	HONDA	2.1	PRELUDE	B21A1	125	L 4	90-91
PM6	HONDA	1.6	CIVIC	D16A6	97	L 4	88-91
POW10	HONDA	2.2	ACCORD	F22A1	132	L 4	92-93
POW10	HONDA	2.2	ACCORD	F22B1	132	L 4	94-97
POW10	HONDA	2.2	ACCORD	F22B2	132	L 4	94-97
POW10	HONDA	2.2	ACCORD	F22B6	132	L 4	94-97
R103016	MERCEDES BENZ	3.0	300E		183	L 6	86-92

Cylinder Block Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
R112871	JOHN DEERE	6.8	6068T	D	414	L 6	
R124850	JOHN DEERE	3.9	4039D	D	239	L 4	
R26070	JOHN DEERE	6.2	4010	D	381	L 6	
R26150	JOHN DEERE	3.3	3010		201	L 4	
R26150	JOHN DEERE	4.0	3010 & 3020		241	L 4	
R26160	JOHN DEERE	4.4	3020	D	270	L 4	
R32020	JOHN DEERE	4.4	3020	D	270	L 4	
R33180	JOHN DEERE	6.6	4010		404	L 6	67-76
R33180	JOHN DEERE	6.6	4020	T	404	L 6	
R33180	JOHN DEERE	6.6	4320		404	L 6	
R33180R	JOHN DEERE	4.0	3010 & 3020		241	L 4	
R33190R	JOHN DEERE	3.7	3020		227	L 4	64-67
R34340	JOHN DEERE	6.6	4010		404	L 6	67-76
R34340	JOHN DEERE	6.6	4020	T	404	L 6	
R34340	JOHN DEERE	6.6	4320		404	L 6	
R35130	JOHN DEERE	8.7	5010, 5020	D	531	L 6	
R35130	JOHN DEERE	8.7	6030	A	531	L 6	60-81
R40270	JOHN DEERE	8.7	5010, 5020	D	531	L 6	
R40270	JOHN DEERE	8.7	6030	A	531	L 6	60-81
R40610	JOHN DEERE	6.6	4010		404	L 6	67-76
R40700	JOHN DEERE	4.4	3020	D	270	L 4	
R40850	JOHN DEERE	4.4	3020	D	270	L 4	
R40850R	JOHN DEERE	4.4	3020	D	270	L 4	
R40890	JOHN DEERE	6.6	4010		404	L 6	67-76
R40890	JOHN DEERE	6.6	4020	T	404	L 6	
R40890	JOHN DEERE	6.6	4320		404	L 6	
R40900	JOHN DEERE	6.6	4010		404	L 6	67-76
R40900	JOHN DEERE	6.6	4020	T	404	L 6	
R40900	JOHN DEERE	6.6	4320		404	L 6	
R40910	JOHN DEERE	4.4	3020	D	270	L 4	
R43270	JOHN DEERE	8.7	5010, 5020	D	531	L 6	
R43270	JOHN DEERE	8.7	6030	A	531	L 6	60-81
R43310	JOHN DEERE	6.6	4010		404	L 6	67-76
R43310	JOHN DEERE	6.6	4020	T	404	L 6	
R43310	JOHN DEERE	6.6	4320		404	L 6	
R453000	JOHN DEERE	8.7	5010, 5020	D	531	L 6	
R453000	JOHN DEERE	8.7	6030	A	531	L 6	60-81
R45980	JOHN DEERE	6.6	4010		404	L 6	67-76
R45980	JOHN DEERE	6.6	4020	T	404	L 6	
R45980	JOHN DEERE	6.6	4320		404	L 6	
R46350	JOHN DEERE	4.4	3020	D	270	L 4	
R46430	JOHN DEERE	4.4	3020	D	270	L 4	
R47020	JOHN DEERE	6.6	4010		404	L 6	67-76
R47020	JOHN DEERE	6.6	4020	T	404	L 6	
R47020	JOHN DEERE	6.6	4320		404	L 6	
R47110	JOHN DEERE	6.6	4010		404	L 6	67-76
R47110	JOHN DEERE	6.6	4020	T	404	L 6	
R47110	JOHN DEERE	6.6	4320		404	L 6	
R47510	JOHN DEERE	8.7	5010, 5020	D	531	L 6	
R47510	JOHN DEERE	8.7	6030	A	531	L 6	60-81
R47520	JOHN DEERE	4.4	3020	D	270	L 4	
R48260	JOHN DEERE	8.7	5010, 5020	D	531	L 6	
R48260	JOHN DEERE	8.7	6030	A	531	L 6	60-81
R48260	JOHN DEERE	10.2	619	D	619	L 6	68-81
R48430	JOHN DEERE	4.4	3020	D	270	L 4	
R49470	JOHN DEERE	6.6	4010		404	L 6	67-76
R49470	JOHN DEERE	6.6	4020	T	404	L 6	
R49470	JOHN DEERE	6.6	4320		404	L 6	
R49540	JOHN DEERE	3.3	3010		201	L 4	
R49540	JOHN DEERE	3.7	3020		227	L 4	64-67
R49650	JOHN DEERE	6.6	4010		404	L 6	67-76

Cylinder Block Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
R49650	JOHN DEERE	6.6	4020	T	404	L 6	
R49650	JOHN DEERE	6.6	4320		404	L 6	
R54270	JOHN DEERE	7.6	4040 & 4240		466	L 6	
R54270	JOHN DEERE	7.6	4440, 4450, 4640	T	466	L 6	
R54270	JOHN DEERE	7.6	4650, 4850, 8440	A	466	L 6	
R54270	JOHN DEERE	7.6	6076	LATE	466	L 6	
R54590	JOHN DEERE	6.8	414	D	414	L 6	
R54590	JOHN DEERE	6.8	544C	D	414	L 6	
R54620	JOHN DEERE	4.5	2155	D	276	L 4	
R54620	JOHN DEERE	4.5	2630	D	276	L 4	
R54720	JOHN DEERE	7.6	4040 & 4240		466	L 6	
R54720	JOHN DEERE	7.6	4440, 4450, 4640	T	466	L 6	
R54720	JOHN DEERE	7.6	4650, 4850, 8440	A	466	L 6	
R54720	JOHN DEERE	7.6	6076	EARLY	466	L 6	
R54720	JOHN DEERE	7.6	6076	LATE	466	L 6	
R55011	JOHN DEERE	3.6	2020	T	219	L 4	
R55011	JOHN DEERE	3.6	2030	G	219	L 4	
R55011	JOHN DEERE	3.6	454	D	219	L 4	
R55012	JOHN DEERE	5.4	4030		329	L 6	
R55034	JOHN DEERE	3.6	2020	T	219	L 4	
R55034	JOHN DEERE	3.6	2030	G	219	L 4	
R55034	JOHN DEERE	3.6	454	D	219	L 4	
R55037	JOHN DEERE	5.4	4030		329	L 6	
R55120	JOHN DEERE	2.7	360 DOZER	D	164	L 3	
R55510	JOHN DEERE	3.9	239T		239	L 4	
R55510	JOHN DEERE	3.9	2750		239	L 4	
R57424	JOHN DEERE	10.2	619	D	619	L 6	68-81
R58850	JOHN DEERE	6.6	4010		404	L 6	67-76
R58850	JOHN DEERE	6.6	4020	T	404	L 6	
R58850	JOHN DEERE	6.6	4320		404	L 6	
R59850	JOHN DEERE	6.6	4010		404	L 6	67-76
R59850	JOHN DEERE	6.6	4020	T	404	L 6	
R59850	JOHN DEERE	6.6	4320		404	L 6	
R60552	JOHN DEERE	7.6	4040 & 4240		466	L 6	
R60552	JOHN DEERE	7.6	4440, 4450, 4640	T	466	L 6	
R60552	JOHN DEERE	7.6	4650, 4850, 8440	A	466	L 6	
R60552	JOHN DEERE	7.6	6076	EARLY	466	L 6	
R60552	JOHN DEERE	7.6	6076	LATE	466	L 6	
R60832	JOHN DEERE	4.5	2155	D	276	L 4	
R60832	JOHN DEERE	4.5	2630	D	276	L 4	
R60833	JOHN DEERE	6.8	414	D	414	L 6	
R60833	JOHN DEERE	6.8	544C	D	414	L 6	
R62907	JOHN DEERE	7.6	4040 & 4240		466	L 6	
R62907	JOHN DEERE	7.6	4440, 4450, 4640	T	466	L 6	
R62907	JOHN DEERE	7.6	4650, 4850, 8440	A	466	L 6	
R62907	JOHN DEERE	7.6	6076	EARLY	466	L 6	
R62907	JOHN DEERE	7.6	6076	LATE	466	L 6	
R63198	JOHN DEERE	7.6	4040 & 4240		466	L 6	
R63198	JOHN DEERE	7.6	4440, 4450, 4640	T	466	L 6	
R63198	JOHN DEERE	7.6	4650, 4850, 8440	A	466	L 6	
R63198	JOHN DEERE	7.6	6076	EARLY	466	L 6	
R63198	JOHN DEERE	7.6	6076	LATE	466	L 6	
R63199	JOHN DEERE	10.2	619	D	619	L 6	68-81
R63907	JOHN DEERE	7.6	4040 & 4240		466	L 6	
R63907	JOHN DEERE	7.6	4440, 4450, 4640	T	466	L 6	
R63907	JOHN DEERE	7.6	4650, 4850, 8440	A	466	L 6	
R63907	JOHN DEERE	7.6	6076	EARLY	466	L 6	
R63907	JOHN DEERE	7.6	6076	LATE	466	L 6	
R64413T	JOHN DEERE	5.4	544A	DT	329	L 6	
R64530	JOHN DEERE	7.6	4040 & 4240		466	L 6	
R64530	JOHN DEERE	7.6	4440, 4450, 4640	T	466	L 6	

Cylinder Block Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
R64530	JOHN DEERE	7.6	4650, 4850, 8440	A	466	L 6	
R64530	JOHN DEERE	7.6	6076	EARLY	466	L 6	
R64530	JOHN DEERE	7.6	6076	LATE	466	L 6	
R65216	JOHN DEERE	5.9	2940	D	359	L 6	
R65216	JOHN DEERE	5.9	359T		359	L 6	
R65628	JOHN DEERE	10.2	619	D	619	L 6	68-81
R65693	JOHN DEERE	7.6	4040 & 4240		466	L 6	
R65693	JOHN DEERE	7.6	4440, 4450, 4640	T	466	L 6	
R65693	JOHN DEERE	7.6	4650, 4850, 8440	A	466	L 6	
R65693	JOHN DEERE	7.6	6076	EARLY	466	L 6	
R65693	JOHN DEERE	7.6	6076	LATE	466	L 6	
R65734	JOHN DEERE	7.6	4040 & 4240		466	L 6	
R65734	JOHN DEERE	7.6	4440, 4450, 4640	T	466	L 6	
R65734	JOHN DEERE	7.6	4650, 4850, 8440	A	466	L 6	
R65734	JOHN DEERE	7.6	6076	EARLY	466	L 6	
R65734	JOHN DEERE	7.6	6076	LATE	466	L 6	
R69312	JOHN DEERE	10.2	619	D	619	L 6	68-81
R70348	JOHN DEERE	5.9	2940	D	359	L 6	
R70348	JOHN DEERE	5.9	359T		359	L 6	
R71545	JOHN DEERE	15.7	8850, 8955	D	955	V 8	75-85
R71685	JOHN DEERE	7.6	4040 & 4240		466	L 6	
R71685	JOHN DEERE	7.6	4440, 4450, 4640	T	466	L 6	
R71685	JOHN DEERE	7.6	4650, 4850, 8440	A	466	L 6	
R71685	JOHN DEERE	7.6	6076	EARLY	466	L 6	
R71685	JOHN DEERE	7.6	6076	LATE	466	L 6	
R71688	JOHN DEERE	7.6	4040 & 4240		466	L 6	
R71688	JOHN DEERE	7.6	4440, 4450, 4640	T	466	L 6	
R71688	JOHN DEERE	7.6	4650, 4850, 8440	A	466	L 6	
R71688	JOHN DEERE	7.6	6076	EARLY	466	L 6	
R71688	JOHN DEERE	7.6	6076	LATE	466	L 6	
R71689	JOHN DEERE	7.6	4040 & 4240		466	L 6	
R71689	JOHN DEERE	7.6	4440, 4450, 4640	T	466	L 6	
R71689	JOHN DEERE	7.6	4650, 4850, 8440	A	466	L 6	
R71689	JOHN DEERE	7.6	6076	EARLY	466	L 6	
R71689	JOHN DEERE	7.6	6076	LATE	466	L 6	
R72128	JOHN DEERE	6.6	4010		404	L 6	67-76
R72128	JOHN DEERE	6.6	4020	T	404	L 6	
R72128	JOHN DEERE	6.6	4320		404	L 6	
R72130	JOHN DEERE	7.6	4040 & 4240		466	L 6	
R72130	JOHN DEERE	7.6	4440, 4450, 4640	T	466	L 6	
R72130	JOHN DEERE	7.6	4650, 4850, 8440	A	466	L 6	
R72130	JOHN DEERE	7.6	6076	EARLY	466	L 6	
R72130	JOHN DEERE	7.6	6076	LATE	466	L 6	
R72130	JOHN DEERE	10.2	619	D	619	L 6	68-81
R72131	JOHN DEERE	7.6	4040 & 4240		466	L 6	
R72131	JOHN DEERE	7.6	4440, 4450, 4640	T	466	L 6	
R72131	JOHN DEERE	7.6	4650, 4850, 8440	A	466	L 6	
R72131	JOHN DEERE	7.6	6076	EARLY	466	L 6	
R72131	JOHN DEERE	7.6	6076	LATE	466	L 6	
R72132	JOHN DEERE	7.6	4040 & 4240		466	L 6	
R72132	JOHN DEERE	7.6	4440, 4450, 4640	T	466	L 6	
R72132	JOHN DEERE	7.6	4650, 4850, 8440	A	466	L 6	
R72132	JOHN DEERE	7.6	6076	EARLY	466	L 6	
R72132	JOHN DEERE	7.6	6076	LATE	466	L 6	
R72695	JOHN DEERE	2.7	360 DOZER	D	164	L 3	
R72746	JOHN DEERE	6.8	414	D	414	L 6	
R72746	JOHN DEERE	6.8	544C	D	414	L 6	
R72962	JOHN DEERE	2.9	179T	D	179	L 3	
R72962	JOHN DEERE	2.9	2240	D	179	L 3	
R72963	JOHN DEERE	5.9	2940	D	359	L 6	
R72963	JOHN DEERE	5.9	359T		359	L 6	

Cylinder Block Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
R72968	JOHN DEERE	5.4	4030		329	L 6	
R72971	JOHN DEERE	2.9	179T	D	179	L 3	
R72971	JOHN DEERE	2.9	2240	D	179	L 3	
R72972	JOHN DEERE	3.6	2020	T	219	L 4	
R72972	JOHN DEERE	3.6	2030	G	219	L 4	
R72972	JOHN DEERE	3.6	454	D	219	L 4	
R72974	JOHN DEERE	3.9	239T		239	L 4	
R72974	JOHN DEERE	3.9	2750		239	L 4	
R72975	JOHN DEERE	5.9	2940	D	359	L 6	
R72975	JOHN DEERE	5.9	359T		359	L 6	
R74123	JOHN DEERE	10.2	619	D	619	L 6	68-81
R74352	JOHN DEERE	7.6	4040 & 4240		466	L 6	
R74352	JOHN DEERE	7.6	4440, 4450, 4640	T	466	L 6	
R74352	JOHN DEERE	7.6	4650, 4850, 8440	A	466	L 6	
R74352	JOHN DEERE	7.6	6076	EARLY	466	L 6	
R74352	JOHN DEERE	7.6	6076	LATE	466	L 6	
R75891	JOHN DEERE	5.9	2940	D	359	L 6	
R75891	JOHN DEERE	5.9	359T		359	L 6	
R75934	JOHN DEERE	10.2	619	D	619	L 6	68-81
R76657	JOHN DEERE	4.5	2155	D	276	L 4	
R76657	JOHN DEERE	4.5	2630	D	276	L 4	
R785	PERKINS	1.5	103.15		91	L 3	99-00
R78505	JOHN DEERE	7.6	4040 & 4240		466	L 6	
R78505	JOHN DEERE	7.6	4440, 4450, 4640	T	466	L 6	
R78505	JOHN DEERE	7.6	4650, 4850, 8440	A	466	L 6	
R78505	JOHN DEERE	7.6	6076	EARLY	466	L 6	
R78505	JOHN DEERE	7.6	6076	LATE	466	L 6	
R78556	JOHN DEERE	4.5	2155	D	276	L 4	
R78556	JOHN DEERE	4.5	2630	D	276	L 4	
R78857	JOHN DEERE	6.8	414	D	414	L 6	
R78857	JOHN DEERE	6.8	544C	D	414	L 6	
R80275	JOHN DEERE	5.9	2940	D	359	L 6	
R80275	JOHN DEERE	5.9	359T		359	L 6	
R80405	JOHN DEERE	5.4	4030		329	L 6	
R80408	JOHN DEERE	2.7	360 DOZER	D	164	L 3	
R80726	JOHN DEERE	3.9	239T		239	L 4	
R80726	JOHN DEERE	3.9	2750		239	L 4	
R81841	JOHN DEERE	3.9	239T		239	L 4	
R81841	JOHN DEERE	3.9	2750		239	L 4	
R81841T	JOHN DEERE	3.9	239T		239	L 4	
R81841T	JOHN DEERE	3.9	2750		239	L 4	
R81948	JOHN DEERE	5.9	2940	D	359	L 6	
R81948	JOHN DEERE	5.9	359T		359	L 6	
R82890	JOHN DEERE	7.6	4040 & 4240		466	L 6	
R82890	JOHN DEERE	7.6	4440, 4450, 4640	T	466	L 6	
R82890	JOHN DEERE	7.6	4650, 4850, 8440	A	466	L 6	
R82890	JOHN DEERE	7.6	6076	EARLY	466	L 6	
R82890	JOHN DEERE	7.6	6076	LATE	466	L 6	
R82895	JOHN DEERE	7.6	4040 & 4240		466	L 6	
R82895	JOHN DEERE	7.6	4440, 4450, 4640	T	466	L 6	
R82895	JOHN DEERE	7.6	4650, 4850, 8440	A	466	L 6	
R82895	JOHN DEERE	7.6	6076	EARLY	466	L 6	
R82895	JOHN DEERE	7.6	6076	LATE	466	L 6	
R87555	JOHN DEERE	7.6	4040 & 4240		466	L 6	
R87555	JOHN DEERE	7.6	4440, 4450, 4640	T	466	L 6	
R87555	JOHN DEERE	7.6	4650, 4850, 8440	A	466	L 6	
R87555	JOHN DEERE	7.6	6076	EARLY	466	L 6	
R87555	JOHN DEERE	7.6	6076	LATE	466	L 6	
R87556	JOHN DEERE	7.6	4040 & 4240		466	L 6	
R87556	JOHN DEERE	7.6	4440, 4450, 4640	T	466	L 6	
R87556	JOHN DEERE	7.6	4650, 4850, 8440	A	466	L 6	

Cylinder Block Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
R87556	JOHN DEERE	7.6	6076	EARLY	466	L 6	
R87556	JOHN DEERE	7.6	6076	LATE	466	L 6	
R87557	JOHN DEERE	7.6	4040 & 4240		466	L 6	
R87557	JOHN DEERE	7.6	4440, 4450, 4640	T	466	L 6	
R87557	JOHN DEERE	7.6	4650, 4850, 8440	A	466	L 6	
R87557	JOHN DEERE	7.6	6076	EARLY	466	L 6	
R87557	JOHN DEERE	7.6	6076	LATE	466	L 6	
R87564	JOHN DEERE	7.6	4040 & 4240		466	L 6	
R87564	JOHN DEERE	7.6	4440, 4450, 4640	T	466	L 6	
R87564	JOHN DEERE	7.6	4650, 4850, 8440	A	466	L 6	
R87564	JOHN DEERE	7.6	6076	EARLY	466	L 6	
R87564	JOHN DEERE	7.6	6076	LATE	466	L 6	
R88379	JOHN DEERE	7.6	6076	EARLY	466	L 6	
R89834	JOHN DEERE	2.9	179T	D	179	L 3	
R89834	JOHN DEERE	2.9	2240	D	179	L 3	
R90170-2	JOHN DEERE	4.5	2155	D	276	L 4	
R90171	JOHN DEERE	6.8	414	D	414	L 6	
R90171	JOHN DEERE	6.8	544C	D	414	L 6	
RF8L8E-FA	FORD	3.9	FREESTAR	6	238	V 6	04-05
RF948M6015R63	FORD	2.0	CONTOUR	3	122	L 4	95-05
RF948M6015R69	FORD	2.0	CONTOUR	3	122	L 4	95-05
RFE1AE6015AK	FORD	4.6	No Model	W, X	281	V 8	91-05
RFF1AE5098	FORD	4.6	No Model	V	281	V 8	93-03
RFF2VE6015BB	FORD	4.6	No Model	W, X	281	V 8	91-05
RF-XL3E-AO	FORD	3.8	WINDSTAR	4	232	V 6	96-04
RZ3CUSN	DEUTZ	13.4	BF8L513		817	L 8	
S350108	MAZDA	1.5	No Model	UA	90	L 4	70-79
S4K	CATERPILLAR	4.3	120B		259	L 4	
S4K	CATERPILLAR	4.3	3064		260	L 4	
S4K	MITSUBISHI	4.3	S4K		259	L 4	
S6EK2-231004	MITSUBISHI	3.9	S6E		239	L 6	
S6EK2-231004	MITSUBISHI	4.4	S6E2		271	L 6	
SR20DE	NISSAN	2.0	200SX	B	122	L 4	95-99
SR20DE	NISSAN	2.0	SENTRA	SR20	122	L 4	91-96
T10474T	JOHN DEERE	1.9	420		113	L 2	
T17513	JOHN DEERE	2.7	2010 TRACTOR	D	165	L 4	
T1A6527	CATERPILLAR	6.4	3066		390	L 6	
T24968T	JOHN DEERE	5.0	303	G	303	L 6	
T24968T	JOHN DEERE	5.0	JD550	D	303	L 6	
T26933	JOHN DEERE	3.3	2020 & 2510	D	202	L 4	
T32339	JOHN DEERE	2.7	1520 TRACTOR	G	164	L 3	
T32342	JOHN DEERE	3.6	2020	T	219	L 4	
T32342	JOHN DEERE	3.6	2030	G	219	L 4	
T32342	JOHN DEERE	3.6	454	D	219	L 4	
T32347	JOHN DEERE	2.7	1520 TRACTOR	G	164	L 3	
TM27A00600RGH	CONTINENTAL	2.7	TM27	TM	164	L 4	
UA	MAZDA	1.5	No Model	UA	90	L 4	70-79
V40-2000300	HERCULES	2.7	G1600	F	163	L 4	
VA	MAZDA	2.0	No Model	VA	121	L 4	71-79
VA492834	MAZDA	2.0	No Model	VA	121	L 4	71-79
VB	FORD	1.8	COURIER	A	110	L 4	72-78
VB	FORD	2.0	COURIER	C	122	L 4	79-80
VB	FORD	2.0	No Model	1	122	L 4	81-82
VB	MAZDA	1.8	No Model		112	L 4	75-84
VC	FORD	1.8	COURIER	A	110	L 4	72-78
VG 30	FORD	3.0	VILLAGER	W	181	V 6	93-99
VG30	FORD	3.0	VILLAGER	W	181	V 6	93-99
VG30DE	NISSAN	3.0	300ZX	VG30	181	V 6	90-96
VG30DTT	NISSAN	3.0	No Model	C	181	V 6	90-96
VG30E	NISSAN	3.0	MAXIMA	VG30E	181	V 6	87-97
VG30ET	NISSAN	3.0	200SX	VG30	181	V 6	84-86

Cylinder Block Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
VG30ET	NISSAN	3.0	MAXIMA	VG30	181	V 6	87-95
VG30I	NISSAN	3.0	MAXIMA	VG30	181	V 6	84-87
VG30-V52	NISSAN	3.0	MAXIMA	VG30	181	V 6	84-87
VG33E	NISSAN	3.3	PATHFINDER	T	201	V 6	96-04
VQ30DE	NISSAN	3.0	No Model	C	182	V 6	95-00
VT149	CASE	2.0	VA & VAE		124	L 4	
XF1E-DD	FORD	3.0	AEROSTAR	U	183	V 6	90-99
XF1E-DD	FORD	3.0	TAURUS	U	183	V 6	00-03
XW7E	FORD	4.6	No Model	W, X	281	V 8	91-05
XW7E6015AA	FORD	5.4	F150	3	330	V 8	99-02
Y112C300	CONTINENTAL	1.8	112	Y	112	L 4	
Y400C216	CONTINENTAL	1.8	112	Y	112	L 4	
Y400C240	CONTINENTAL	1.8	112	Y	112	L 4	
Y400C334	CONTINENTAL	1.5	91	Y	91	L 4	
Z22	NISSAN	2.2	720 PICKUP	Z22	133	L 4	81
Z22	NISSAN	2.2	720 PICKUP	Z22	133	L 4	82
Z22E	NISSAN	2.2	No Model	Z22E	133	L 4	82-83
Z24I	NISSAN	2.4	PATHFINDER	Z24I	146	L 4	86-90
Z5	MAZDA	1.5	PROTÉGÉ	Z5	91	L 4	95-98

