

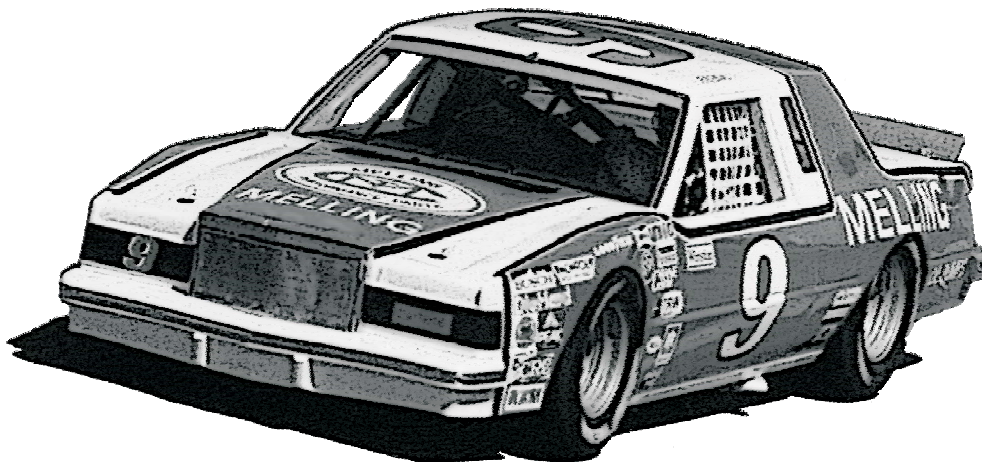


## **PREMIUM PERFORMANCE PARTS WARRANTY DISCLAIMER**

*DUE TO INTENDED USAGE OF PERFORMANCE APPLICATIONS, THE PARTS IN THIS CATALOG ARE SOLD WITHOUT ANY EXPRESS WARRANTY OR IMPLIED WARRANTY OR MERCHANTABILITY OR FITNESS FOR THE INTENDED PURPOSE. INSTALLATION OF PARTS INTENDED FOR "OFF HIGHWAY" USE. INSTALLATION OF THESE PARTS COULD AFFECT THE VEHICLE MANUFACTURER WARRANTY COVERAGE.*

**The Melling engine Parts warranty does not consider low or no oil pressure grounds for extensive engine repairs nor complete replacement of damaged engines. This consideration is based on the fact that all vehicles have as standard equipment, either warning lights or gauges, which is to warn the operator of low oil pressure, low oil level or no oil pressure prior to the occurrence of the engine damage. If an operator chooses to ignore these gauges or warning lights or if the gauges or warning lights are not in operating condition, this constitutes negligence on the operators part. Therefore Melling Engine Parts cannot be responsible for the cost of these extensive damages.**

**NOTE: it is illegal to use Melling performance camshafts in vehicles that are operated on the public streets and highways of California. Various other federal and state laws may limit the use of these camshafts to "off highway" applications only. Check current state and federal laws to be sure.**





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## KEY TO ABBREVIATIONS

<b>ADD'L</b>	ADDITIONAL	<b>H.D.</b>	HEAVY DUTY	<b>SPEC</b>	SPECIAL
<b>ALUM.</b>	ALUMINUM	<b>HI</b>	HIGH	<b>STD</b>	STANDARD
<b>BRG.</b>	BEARING	<b>HO</b>	HIGH OUTPUT	<b>VEL</b>	VELOCITY
<b>COMP.</b>	COMPRESSION	<b>HT</b>	HEIGHT	<b>VOL</b>	VOLUME
<b>CYL.</b>	CYLINDER	<b>HYD.</b>	HYDRAULIC	<b>W/</b>	WITH
<b>DIA.</b>	DIAMETER	<b>INT</b>	INTAKE	<b>WT</b>	WEIGHT
<b>ENG.</b>	ENGINE	<b>I/S</b>	INTERMEDIATE SHAFT	<b>2BC</b>	2 BARREL CARBURETOR
<b>EXC.</b>	EXCLUDING	<b>MECH</b>	MECHANICAL	<b>4BC</b>	4 BARREL CARBURETOR
<b>EXH.</b>	EXHAUST	<b>O/S</b>	OVERSIZE	<b>6BC</b>	6 BARREL CARBURETOR
<b>FWD</b>	FRONT WHEEL DRIVE	<b>RWD</b>	REAR WHEEL DRIVE		

NOTE: This catalog is constantly reviewed and compiled from sources we regard as reliable. However, we can not assume any responsibility for errors in identification, suggested application, or interchange listings. All Melling parts described in this catalog are intended for replacement parts only. There is no intent by Melling Engine Parts or Melling Select Performance to represent any item as a product of any OE car manufacturer.

# PERFORMANCE OIL PUMPS



NOTE: MINIMUM 3/8" TO 1/2" SCREEN TO PAN CLEARANCE

## GM SMALL BLOCK V-8

Part No.	Volume Increase	Coatings	Shaft Support	Screw-in Valve Plug	Provision For Bolt-on Screen	Anti-Cavitation Grooves	Associated Screen No.	Tube Dia. (Inches)	Pan Depth Min - Max	
<b>10550</b>	25%	Mag Phosphate					<b>55-S</b>	5/8	7"	7-1/8"
							<b>55-S1</b>	5/8	6-7/8"	7"
							<b>55-S2</b>	5/8	7-3/4"	7-7/8"
							<b>55-S3</b>	5/8	7"	7-1/8"
							<b>210S</b>	5/8	9-3/4"	9-7/8"
							<b>220S</b>	5/8	7-1/2"	7-5/8"
<b>10551</b>	25%	Mag Phosphate					<b>155S</b>	3/4	7-1/4"	7-3/8"
							<b>211S</b>	3/4	9-7/8"	10"
							<b>213S</b>	3/4	8-1/8"	8-1/4"
							<b>221S</b>	3/4	7-3/8"	7-1/2"
							<b>243S</b>	3/4	7-1/2"	7-1/2"
							<b>244S</b>	3/4	7-1/2"	7-5/8"
							<b>245S</b>	3/4	9-7/8"	10"
							<b>251S</b>	3/4	7-1/2"	7-5/8"
							<b>258S</b>	3/4	8"	8-1/8"
							<b>259S</b>	3/4	9-3/8"	9-1/2"
							<b>10552</b> <b>10552C</b> <b>10555</b> <b>10555C</b>	10%	Mag Phosphate	X
10%	Mag Phosphate	X	X	X	<b>211S</b>	3/4		9-7/8"	10"	
25%	Mag Phosphate	X	X	X	<b>213S</b>	3/4		8-5/8"	8-3/4"	
25%	Mag Phosphate	X	X	X	<b>221S</b>	3/4		7-5/8"	7-3/4"	
					<b>243S</b>	3/4		7-5/8"	7-5/8"	
					<b>244S</b>	3/4		7-7/8"	8"	
					<b>245S</b>	3/4		10"	10-1/8"	
					<b>251S</b>	3/4		7-5/8"	7-3/4"	
					<b>258S</b>	3/4		8-1/4"	8-3/8"	
					<b>259S</b>	3/4		9-5/8"	9-3/4"	
					<b>12557</b>	3/4		6-3/4"	7-1/4"*	
					<b>12558</b>	3/4		7-1/4"	7-1/2"*	
					<b>12559</b>	3/4		8"	8-1/4"*	
					<b>12564</b>	3/4		6-7/8"	7"*	
					<b>12566</b>	3/4	7-3/8"	7-1/2"*		
<b>10553</b>	0%	Mag Phosphate					<b>55-S</b>	5/8	6-3/4"	6-7/8"
							<b>55-S1</b>	5/8	6-5/8"	6-3/4"
							<b>55-S2</b>	5/8	7-1/2"	7-5/8"
							<b>55-S3</b>	5/8	6-3/4"	6-7/8"
							<b>210S</b>	5/8	9-1/4"	9-3/8"
							<b>220S</b>	5/8	7-1/4"	7-3/8"
<b>10554</b>	0%	Mag Phosphate					<b>155S</b>	3/4	6-7/8"	7"
							<b>211S</b>	3/4	9-3/8"	9-1/2"
							<b>213S</b>	3/4	7-3/4"	7-3/4"
							<b>221S</b>	3/4	7-1/8"	7-1/4"
							<b>243S</b>	3/4	7"	7"
							<b>244S</b>	3/4	7-1/8"	7-1/4"
							<b>245S</b>	3/4	9-3/8"	9-1/2"
							<b>251S</b>	3/4	6-7/8"	7"
							<b>258S</b>	3/4	7-1/2"	7-5/8"
							<b>259S</b>	3/4	8-7/8"	9"
							<b>10550-750SS</b>	25%	Hardcoat Anodize	X
<b>10055-750SS</b>	0%	Hardcoat Anodize	X	X	N/A		<b>N/A</b>	N/A	N/A	N/A
<b>10550-825SS</b>	25%	Hardcoat Anodize	X	X	N/A		<b>N/A</b>	N/A	N/A	N/A
<b>10055-825SS</b>	0%	Hardcoat Anodize	X	X	N/A		<b>N/A</b>	N/A	N/A	N/A
<b>10550-700CT</b>	25%	Hardcoat Anodize	X	X	N/A		<b>N/A</b>	N/A	N/A	N/A
<b>10055-700CT</b>	0%	Hardcoat Anodize	X	X	N/A		<b>N/A</b>	N/A	N/A	N/A
<b>10990</b> <b>10990C</b>	25%	Mag Phosphate	X	X		X	<b>241S</b>	3/4	8-3/8"	8-1/2"
	25%	Mag Phosphate	X	X			<b>305S</b>	3/4	7-1/2"	7-5/8"
							<b>353S</b>	3/4	8-3/4"	8-7/8"
							<b>307S</b>	3/4	9-3/8"	9-1/2"

\*Bolt-On Stock Type Pan \*\*Bolt-On Circle Track Pan

NOTE: SCREEN TO PAN CLEARANCE DISTANCE CAN VARY DUE TO PAN GASKET THICKNESS



# PERFORMANCE OIL PUMPS

NOTE: MINIMUM 3/8" TO 1/2" SCREEN TO PAN CLEARANCE

## PONTIAC V-8

Part No.	Volume Increase	Coatings	Shaft Support	Screw-in Valve Plug	Bolt-on Screen	Anti-Cavitation Grooves	Associated Screen Number	Screen Inlet Dia. (Inches)
10540	0%	Mag Phosphate		X			54-DS	3/4
10541	0%	Mag Phosphate		X			54-DS	3/4

Do not use the 54-DS screen with an OEM replacement pump.

## GM GEN III & IV 4.8L, 5.3L • LS1 & LS6 5.7L • LS2 6.0L • LS3 6.2L

Part No.	Volume Increase	Coatings	Shaft Support	Screw-in Valve Plug	Bolt-on Screen	Anti-Cavitation Grooves	Associated Screen Number	Screen Inlet Dia. (Inches)
10295**	0%	Hardcoat Anodize		X	X		303S	7/8
							304S	7/8
10296**	18%	Hardcoat Anodize		X	X		303S	7/8
							304S	7/8

\*\* 303S - Corvette applications, 304S Camaro applications only.

## GM GEN IV LS4 5.3L • L92 VORTEC 6.2L V-8

Part No.	Volume Increase	Coatings	Shaft Support	Screw-in Valve Plug	Bolt-on Screen	Anti-Cavitation Grooves	Associated Screen Number	Screen Inlet Dia. (Inches)
10355	0%*	Hardcoat Anodize		X	X		324S	7/8

\*33% more volume than the 10295

## GM BIG BLOCK V-8

Part No.	Volume Increase	Coatings	Shaft Support	Screw-in Valve Plug	Provision For Bolt-on Screen	Anti-Cavitation Grooves	Associated Screen No.	Inlet Dia. (Inches)	Pan Depth Min - Max	
10770	25%	Mag Phosphate					77-S1	3/4	7-1/2"	7-5/8"
10774	0%	Mag Phosphate					241S	3/4	8-7/8"	9"
10775	0%	Mag Phosphate	X	X			305S	3/4	7-7/8"	8"
10778	25%	Mag Phosphate	X	X			353S	3/4	9"	9-1/8"
10778C	25%	Mag Phosphate	X	X		X	307S	3/4	9-5/8"	9-3/4"
10070-800SS	25%	Hardcoat Anodize	X	X			N/A	N/A	N/A	N/A
10077-800SS	0%	Hardcoat Anodize	X	X			N/A	N/A	N/A	N/A
10070-900SS	25%	Hardcoat Anodize	X	X			N/A	N/A	N/A	N/A
10077-900SS	0%	Hardcoat Anodize	X	X			N/A	N/A	N/A	N/A
10070-1000SS	25%	Hardcoat Anodize	X	X			N/A	N/A	N/A	N/A

## FORD 260 • 289 • 302

Part No.	Volume Increase	Coatings	CNC Machined	Screw-in Valve Plug	Extended Drive Shaft	Doweled Cover	Associated Screen Number	Screen Inlet Dia. (Inches)
10687	0%	Mag Phosphate	X	X	X	X	68-S	5/8
10688	25%	Mag Phosphate	X	X	X	X	68-S3	5/8
							68-S4	5/8
							68-S5	5/8

## FORD 351W

Part No.	Volume Increase	Coatings	CNC Machined	Screw-in Valve Plug	Extended Drive Shaft	Doweled Cover	Associated Screen Number	Screen Inlet Dia. (Inches)
10832	0%	Mag Phosphate	X	X	X	X	83-S	5/8
10833	25%	Mag Phosphate	X	X	X	X	83-S1	5/8

NOTE: SCREEN TO PAN CLEARANCE DISTANCE CAN VARY DUE TO PAN GASKET THICKNESS

# PERFORMANCE OIL PUMPS



NOTE: MINIMUM 3/8" TO 1/2" SCREEN TO PAN CLEARANCE

## FORD 4.6 & 5.4L Modular

Part No.	Volume Increase	Coatings	Screw-in Valve Plug	Provision For Bolt-on Screen	Associated Screen Number	Screen Inlet Dia. (Inches)
10176	0%	Hardcoat Anodized	X	X		13/16
10227	8%**	Hardcoat Anodized	X	X	335S	15/16
10340	0%	Hardcoat Anodized	X	X		15/16

\*\* 8% Additional volume when used in the 4.6-X SOHC application / standard volume when used in the 4.6 DOHC Cobra application.

## CHRYSLER 2.0L

Part No.	Volume Increase	Coatings	Screw-in Valve Plug	Provision For Bolt-on Screen	Associated Screen Number	Screen Inlet Dia. (Inches)
10190	20%	Mag Phosphate	X	X	262S	3/4
					330S	3/4
					331S	3/4

## CHRYSLER 5.7L & 6.1L HEMI

Part No.	Volume Increase	Coatings	Screw-in Valve Plug	Provision For Bolt-on Screen	Associated Screen Number	Screen Inlet Dia. (Inches)
10342	0%	Hardcoat Anodize	X	X	331S	1.0

# PERFORMANCE OIL PUMP GUIDE

## GM S.B. PERFORMANCE OIL PUMP LINE

### 10550

**High volume performance upgrade for M-55HV. 25% increase in volume over stock oil pump.** The 10550 housing and cover are CNC machined and phosphate coated. The lower pressure spring is included to reduce pressure if desired. Includes intermediate shaft with steel guide. Built with billet steel gears. Uses 5/8" press in screen.

### 10551

**High volume performance upgrade for M155HV. 25% increase in volume over stock oil pump.** The 10551 housing and cover are CNC machined and phosphate coated. The lower pressure spring is included to reduce pressure if desired. Includes intermediate shaft with steel guide. Built with billet steel gears. Uses 3/4" press in screen.

### 10552

**High volume performance oil pump. 10% increase in volume over stock oil pump.** The 10552 is manufactured with the drive and idler shafts extended to allow for additional support in the cover eliminating dynamic shaft deflection at increased RPM levels. The cover is doweled to the pump housing to assure alignment of the shaft bores. Screw in plug retains relief valve spring instead of pin. Relief hole in cover uses screw in plug instead of pressed cup plug. All bolts are self locking socket heads, with the wrench supplied. The housing and cover are CNC machined and phosphate coated. Includes 12550 chrome moly intermediate shaft with steel guide. Built with billet steel gears. Uses both 3/4" bolt on or press in screen. The lower pressure spring is included to reduce pressure if desired.

**Melling Patent No. 5,810,571**

### 10552C (Anti-Cavitation)

**High volume performance oil pump. 10% increase in volume over stock oil pump.** Same as the 10552 with the addition of grooves machined in the body and cover. The grooves reduce cavitation effects in high RPM applications. Includes 12550 chrome moly intermediate shaft with steel guide. Built with billet steel gears. Uses both 3/4" bolt on or press in screen. Using this oil pump will reduce pressure at idle. The 10552C uses the high pressure spring only. **Racing Applications Only.**

**Melling Patent No. 5,810,571**





### 10553

**High pressure performance upgrade for M-55 & M-55A. Standard volume oil pump.** The 10553 housing and cover are CNC machined and phosphate coated. Manufactured with pink spring installed for higher pressure (M-55A). To change pump to lower pressure (M-55) install the supplied yellow spring. Includes intermediate shaft with steel guide. Built with billet steel gears. The 10553 uses a 5/8" press in screen.

### 10554

**Performance upgrade for M155. Standard volume oil pump.** The 10554 housing and cover are CNC machined and manganese phosphate coated. Manufactured with pink spring installed for higher pressure. To change pump to lower pressure install the supplied yellow spring. Includes intermediate shaft with steel guide. Built with billet steel gears. The 10554 uses a 3/4" press in screen.

### 10555

**High Volume performance upgrade for the 10550 oil pump. 25% increase in volume over stock oil pump.** The 10555 is manufactured with the drive and idler shafts extended to allow for additional support in the cover eliminating dynamic shaft deflection at increased RPM levels. The cover is doweled to the pump housing to assure alignment of the shaft bores. Screw in plug retains relief valve spring instead of pin. Relief hole in cover uses screw in plug instead of pressed cup plug. All bolts are self locking socket heads, with the wrench supplied. The housing and cover are CNC machined and manganese phosphate coated. Includes 12550 chrome moly intermediate shaft with steel guide. Built with billet steel gears. Uses both 3/4" bolt on or press in screen. The lower pressure spring is included to reduce pressure if desired.

**Melling Patent No. 5,810,571**



### 10555C (Anti-Cavitation)

**High volume performance upgrade for the 10550 oil pump. 25% increase in volume over stock oil pump.** Same as the 10555 with the addition of grooves machined in the body and cover. The grooves reduce cavitation effects in high RPM applications. Includes 12550 chrome moly intermediate shaft with steel guide. Built with billet steel gears. Uses both 3/4" bolt on or press in screen. Using this oil pump will reduce pressure at idle. The 10555C uses the high pressure spring only. **Racing Applications Only.**

**Melling Patent No. 5,810,571**

### 10990

**High volume performance upgrade for the M-99HV-S. Increase in volume of 25% over stock oil pump. The 10990 is a Big Block style oil pump made to fit the Small Block applications.** The drive and idler shafts have been extended to allow for additional support in the cover. Additional support eliminates dynamic shaft deflection at increased RPM levels. The cover is doweled to the pump housing to assure alignment of the shaft bores. The relief valve has a screw-in plug instead of a pin. The housing and cover are CNC machined and phosphate coated. An additional spring, the original stock replacement is supplied which will reduce bypass pressure if needed. Includes 12550 chrome moly intermediate shaft with steel guide. Built with billet steel gears. Uses 3/4" press in screen.

**Melling Patent No. 5,810,571**



### 10990C (Anti-Cavitation)

**High volume performance upgrade for the M-99HV-S. Increase in volume of 25% over stock oil pump.** The same as the 10990 except with the addition of grooves machined in the housing and cover. The grooves reduce cavitation effects in high RPM applications. Using this oil pump will reduce pressure at idle. Includes 12550 chrome moly intermediate shaft with steel guide. Built with billet steel gears. Uses 3/4" press in screen. **Racing applications only.**

**Melling Patent No. 5,810,571**

## **GM S.B. ALUMINUM BILLET PERFORMANCE OIL PUMP LINE FOR STREET & STRIP APPLICATIONS**

### **10055-750SS**

**Aluminum billet standard volume oil pump for street & strip applications with 7-1/2" deep pans.** Pump features a lightweight billet 6061-T6 aluminum housing & cover with a protective anodized hardcoat & standard volume billet steel gears. The drive shaft is manufactured from chrome-moly steel. Pump shafts have been extended into the cover for support. The pickup screen has been integrated into the pump body and features a stainless steel wire mesh. This pump has multiple pressure settings and is CNC manufactured to exacting tolerances and surface finishes. The supercharged inlet allows for improved performance at high RPM's. Includes 12550 chrome moly intermediate shaft, stud kit and +10# and -10# relief springs.

**Melling Patent No. 5,810,571**



### **10050-750SS**

**Aluminum billet high volume oil pump for street & strip applications with 7-1/2" deep pans. 25% increase in volume over stock oil pump.** Pump features a lightweight billet 6061-T6 aluminum housing & cover with a protective anodized hardcoat. & high volume billet steel gears. The drive shaft is manufactured from chrome-moly steel. Pump shafts have been extended into the cover for support. The pickup screen has been integrated into the pump body and features a stainless steel wire mesh. This pump has multiple pressure settings and is CNC manufactured to exacting tolerances and surface finishes. The supercharged inlet allows for improved performance at high RPM's. Includes 12550 chrome moly intermediate shaft, stud kit and +10# and -10# relief springs.

**Melling Patent No. 5,810,571**



### **10055-825SS**

**Aluminum billet standard volume oil pump for street & strip applications with 8-1/4" deep pans.** Pump features a lightweight billet 6061-T6 aluminum housing & cover with a protective anodized hardcoat. & standard volume billet steel gears. The drive shaft is manufactured from chrome-moly steel. Pump shafts have been extended into the cover for support. The pickup screen has been integrated into the pump body and features a stainless steel wire mesh. This pump has multiple pressure settings and is CNC manufactured to exacting tolerances and surface finishes. The supercharged inlet allows for improved performance at high RPM's. Includes 12550 chrome moly intermediate shaft, stud kit and +10# and -10# relief springs.

**Melling Patent No. 5,810,571**



### **10050-825SS**

**Aluminum billet high volume oil pump for street & strip applications with 8-1/4" deep pans. 25% increase in volume over stock oil pump.** Pump features a lightweight billet 6061-T6 aluminum housing & cover with a protective anodized hardcoat & high volume billet steel gears. The drive shaft is manufactured from chrome-moly steel. Pump shafts have been extended into the cover for support. The pickup screen has been integrated into the pump body and features a stainless steel wire mesh. This pump has multiple pressure settings and is CNC manufactured to exacting tolerances and surface finishes. The supercharged inlet allows for improved performance at high RPM's. Includes 12550 chrome moly intermediate shaft, stud kit and +10# and -10# relief springs.

**Melling Patent No. 5,810,571**



## GM S.B. ALUMINUM BILLET PERFORMANCE OIL PUMP LINE FOR CIRCLE TRACK APPLICATIONS



### 10055-700CT

**Aluminum billet standard volume oil pump for circle track racing applications with 7" deep pans.** Pump features a lightweight billet 6061-T6 aluminum housing & cover with a protective anodized hardcoat & standard volume billet steel gears. The drive shaft is manufactured from chrome-moly steel. Pump shafts have been extended into the cover for support. The pickup screen has been integrated into the pump body, offset for circle track racing and features a stainless steel wire mesh. This pump has multiple pressure settings and is CNC manufactured to exacting tolerances and surface finishes. The supercharged inlet allows for improved performance at high RPM's. Includes 12550 chrome moly intermediate shaft, stud kit and +10# and -10# relief springs.

**Melling Patent No. 5,810,571**



### 10050-700CT

**Aluminum billet high volume oil pump for circle track racing applications with 7" deep pans. 25% increase in volume over stock oil pump.** Pump features a lightweight billet 6061-T6 aluminum housing & cover with a protective anodized hardcoat & high volume billet steel gears. The drive shaft is manufactured from chrome-moly steel. Pump shafts have been extended into the cover for support. The pickup screen has been integrated into the pump body, offset for circle track racing and features a stainless steel wire mesh. This pump has multiple pressure settings and is CNC manufactured to exacting tolerances and surface finishes. The supercharged inlet allows for improved performance at high RPM's. Includes 12550 chrome moly intermediate shaft, stud kit and +10# and -10# relief springs.

**Melling Patent No. 5,810,571**

## OLDSMOBILE PERFORMANCE OIL PUMP LINE



### M-22FHV

**High volume upgrade of the M-22F oil pump. 20% increase in volume over stock oil pump.** The M-22FHV is manufactured with both a 3/4" bolt on type flange and a 5/8" chamfered hole allowing for the use of both bolt on or press in type screen. For use with Oldsmobile 260, 307, 350, 400, 403, 425 & 455 engines.

## PONTIAC V8 PERFORMANCE OIL PUMP LINE



### 10540

**Stock pressure performance upgrade for the M-54D-S.** The housing is CNC machined and phosphate coated. Built with billet steel gears. Includes 3/4" diameter oil pickup screen.

### 10541

**High pressure performance upgrade for the M-54F. 30% increase in pressure over the 10540 oil pump.** The housing is CNC machined and phosphate coated. Built with billet steel gears. Includes 3/4" diameter oil pickup screen.



## GM GEN III & IV 4.8L-5.3L-5.7L-6.0L • LS3 6.2L PERFORMANCE OIL PUMP LINE

### 10295

**High pressure performance upgrade for M295. Stock volume, 10% increase in pressure over M295 oil pump.** The cast aluminum housing is CNC machined and hardcoat anodized. The cast iron cover is CNC machined and phosphate coated. The relief valve features a screw in valve plug with the optional lower stock pressure spring supplied. Uses stock bolt on screen.



### 10296

**High volume performance upgrade for M295. 18% increase in volume over M295 and 10295 oil pump.** The cast aluminum housing is CNC machined and hardcoat anodized. The cast iron cover is CNC machined and phosphate coated. The relief valve features a screw in valve plug with the optional lower stock spring supplied. Uses stock bolt on screen.



## GM GEN GEN IV, LS4 5.3L & L92 VORTEC 6.2L PERFORMANCE OIL PUMP LINE

### 10355

**Stock volume performance upgrade for M355. Standard volume for LS4 5.3L & L92 6.2L engines. 33% increase in volume over the 10295.** The 10355 features a hard coat anodized body with a cast iron phosphate coated cover. The relief valve features a screw in valve plug with the optional lower stock pressure spring supplied. Uses stock bolt on screen.



## GM B.B. PERFORMANCE OIL PUMP LINE

### 10770

**High volume performance upgrade for M-77HV. 25% increase in volume over stock pump.** The housing and cover are CNC machined and phosphate coated. The lower pressure spring is included to reduce pressure if desired. Built with billet steel gears. Includes intermediate shaft with steel guide. Uses 3/4" press in screen.



### 10774

**Standard volume performance upgrade for M-77.** The housing and cover are CNC machined and phosphate coated. The lower pressure spring is included to reduce pressure if desired. Built with billet steel gears. Includes intermediate shaft with steel guide. Uses 3/4" press in screen.



### 10778

**High volume performance upgrade for the 10770. Increase in volume of 25% over stock oil pump.** The drive shaft has been manufactured from chrome-moly steel. The drive and idler shafts have been extended to allow for additional support in the cover. Additional support eliminates dynamic shaft deflection at increased RPM levels. The cover is doweled to the pump housing to assure alignment of the shaft bores. The relief valve has a screw-in plug instead of a pin. The housing and cover are CNC machined and phosphate coated. An additional spring, the original stock replacement is supplied which will reduce bypass pressure if needed. Includes 12770 chrome moly intermediate shaft with steel guide. Built with billet steel gears. Uses 3/4" press in screen.

**Melling Patent No. 5,810,571**



### 10778C (Anti-Cavitation)

**High volume performance upgrade for the 10770. Increase in volume of 25% over stock oil pump.** The same as the 10778 except with the addition of grooves machined in the housing and cover. The grooves reduce cavitation effects in high RPM applications. Using this oil pump will reduce pressure at idle. Includes 12770 chrome moly intermediate shaft with steel guide. Built with billet steel gears. Uses 3/4" press in screen.

**Racing applications only.**

**Melling Patent No. 5,810,571**

## GM B.B. ALUMINUM BILLET PERFORMANCE OIL PUMP LINE FOR STREET & STRIP APPLICATIONS

### 10077-800SS

**Aluminum billet standard volume oil pump for street & strip applications with 8" deep pans.** Pump features a lightweight billet 6061-T6 aluminum housing & cover with a protective anodized hardcoat & billet steel gears. The chrome-moly drive shaft has been extended. Pump shafts have been extended into the cover for support. The pickup screen has been integrated into the pump body and features a stainless steel wire mesh. This pump has multiple pressure settings and is CNC manufactured to exacting tolerances and surface finishes. The supercharged inlet allows for improved performance at high RPM's. Includes 12770 chrome moly intermediate shaft and stud kit and +10# and - 10# relief springs.

**Melling Patent No. 5,810,571**



### 10070-800SS

**Aluminum billet high volume oil pump for street & strip applications with 8" deep pans. 25% increase in volume over stock oil pump.** Pump features a lightweight billet 6061-T6 aluminum housing & cover with a protective anodized hardcoat & high volume billet steel gears. The chrome-moly drive shaft has been extended. Pump shafts have been extended into the cover for support. The pickup screen has been integrated into the pump body and features a stainless steel wire mesh. This pump has multiple pressure settings and is CNC manufactured to exacting tolerances and surface finishes. The supercharged inlet allows for improved performance at high RPM's. Includes 12770 chrome moly intermediate shaft and stud kit and +10# and - 10# relief springs.

**Melling Patent No. 5,810,571**



## **GM B.B. ALUMINUM BILLET PERFORMANCE OIL PUMP LINE FOR STREET & STRIP APPLICATIONS**

### **10077-900SS**

**Aluminum billet standard volume oil pump for street & strip applications with 9" deep pans.** Pump features a lightweight billet 6061-T6 aluminum housing & cover with a protective anodized hardcoat & billetsteel gears. The chrome-moly drive shaft has been extended. Pump shafts have been extended into the cover for support. The pickup screen has been integrated into the pump body and features a stainless steel wire mesh. This pump has multiple pressure settings and is CNC manufactured to exacting tolerances and surface finishes. The supercharged inlet allows for improved performance at high RPM's. Includes 12770 chrome moly intermediate shaft, stud kit and +10# and -10# relief springs.

**Melling Patent No. 5,810,571**



### **10070-900SS**

**Aluminum billet high volume oil pump for street & strip applications with 9" deep pans. 25% increase in volume over stock oil pump.** Pump features a lightweight billet 6061-T6 aluminum housing & cover with a protective anodized hardcoat & high volume billet steel gears. The chrome-moly drive shaft has been extended. Pump shafts have been extended into the cover for support. The pickup screen has been integrated into the pump body and features a stainless steel wire mesh. This pump has multiple pressure settings and is CNC manufactured to exacting tolerances and surface finishes. The supercharged inlet allows for improved performance at high RPM's. Includes 12770 chrome moly intermediate shaft, stud kit and +10# and -10# relief springs.

**Melling Patent No. 5,810,571**



### **10070-1000SS**

**Aluminum billet high volume oil pump for street & strip applications with 10" deep pans. 25% increase in volume over stock oil pump.** Pump features a lightweight billet 6061-T6 aluminum housing & cover with a protective anodized hardcoat & high volume billet steel gears. The chrome-moly drive shaft has been extended. Pump shafts have been extended into the cover for support. The pickup screen has been integrated into the pump body and features a stainless steel wire mesh. This pump has multiple pressure settings and is CNC manufactured to exacting tolerances and surface finishes. The supercharged inlet allows for improved performance at high RPM's. Includes 12770 chrome moly intermediate shaft, stud kit and +10# and -10# relief springs. **Ideal for Marine applications.**

**Melling Patent No. 5,810,571**



## **CHRYSLER PERFORMANCE OIL PUMP LINE**

### **M-63HV**

**High volume upgrade of the M-63. 25% increased volume over stock pump.** Larger volume body and gerotor set provide higher volume than the original stock oil pump.



## CHRYSLER PERFORMANCE OIL PUMP LINE



### M-63HP

*High pressure, standard volume upgrade of the M-63. Increased oil pressure. Provides higher oil pressure than the stock oil pump.*



### M-72HV

*High volume upgrade of the M-72. 25% increased volume over stock pump. Larger volume body and gerotor set provide higher volume than the original stock oil pump.*

## CHRYSLER 2.0L PERFORMANCE OIL PUMP



### 10190

*High volume performance upgrade of the M190. 20% increased volume over stock pump. The pump is supplied with a gerotor designed to provide 20% increased oil volume than the original Chrysler design. The pump design has been improved by separating the inlet oil from the by-passed oil. In addition pump materials have been changed to improve performance and durability.*

## CHRYSLER 5.7L & 6.1L PERFORMANCE OIL PUMPS



### 10342

*Standard volume performance upgrade of the M342. The 10342 features a hardcoat anodized body with a cast iron phosphate coated cover for improved pump performance and durability. Adjustable by-pass pressure using optional springs. The cup plugs have been replaced with threaded fittings. Uses 1-1/8" bolt on screen.*

## FORD 260•289•302 PERFORMANCE OIL PUMP LINE



### 10687

*Standard volume performance upgrade for M-68. Gerotor set assembled to an extended drive shaft that allows for additional support in the cover. Supporting the drive shaft in both the housing and cover eliminates dynamic shaft deflection at increased RPM levels. The cover is doweled to the pump housing to assure alignment of shaft bores. The housing and cover are CNC machined and phosphate coated for wear and rust prevention. The relief valve has a pressure adjustable screw-in plug instead of a cup plug. Works with the original bolt-on pickup screen assemblies. Uses 5/8" bolt on screen.*

**Melling Patent No. 5,810,571**

### 10688

*High volume performance upgrade for M-68-HV. The same features as the 10687 but the gerotor displaces 25% more volume of oil than the 10687. Uses 5/8" bolt on screen.*

**Melling Patent No. 5,810,571**

## **FORD 351W PERFORMANCE OIL PUMP LINE**

### **10832**

**Standard volume performance upgrade for M-83.** Gerotor set assembled to an extended drive shaft that allows for additional support in the cover. Supporting the drive shaft in both the housing and cover eliminates dynamic shaft deflection at increased RPM levels. The cover is doweled to the pump housing to assure alignment of shaft bores. The housing and cover are CNC machined and phosphate coated for wear and rust prevention. The relief valve has a pressure adjustable screw-in plug instead of a cup plug. Works with the original 5/8" bolt-on pickup screen assemblies.

**Melling Patent No. 5,810,571**

### **10833**

**High volume performance upgrade for M-83.** The same features as the 10832 but the gerotor displaces 25% more volume of oil than the 10832. Uses 5/8" bolt on screen.

**Melling Patent No. 5,810,571**



## **FORD 351C•351M•400M ENGINES PERFORMANCE OIL PUMP LINE**

### **M-84AHV**

**High volume upgrade for M-84A.** 25% increased volume over stock pump. Larger volume body and gerotor provide higher volume than the original stock oil pump. Uses 5/8" threaded screen.



## **FORD FE ENGINES PERFORMANCE OIL PUMP LINE**

### **M-57HV**

**High Volume upgrade for M-57.** 25% increased volume over stock pump. Larger volume body and gerotor provide higher volume than the original stock oil pump. Uses 5/8" bolt on screen.

### **M-57HP**

**High pressure upgrade for M-57.** Provides higher pressure than the original stock oil pump. Uses 5/8" bolt on screen. **NOTE: for use in blocks with by-pass spring in the block.**



## **FORD 429•460 ENGINES PERFORMANCE OIL PUMP LINE**

### **M-84BHV-S**

**High volume upgrade for M-84B.** 25% increased volume over stock pump. Larger volume body and gerotor provide higher volume than the original stock oil pump. Includes screen for use in 8-1/4" front sump pans.





### M-84DHV

*High volume upgrade for M-84D. 25% increased volume over stock pump. For rear sump applications only.*



### M-84EHV-S

*High volume oil pump. For use in 8-5/8" front sump pans. Oil pickup screen is included.*



## FORD 428CJ ENGINES PERFORMANCE OIL PUMP LINE

### M-84EHV-S & M-84BHV-S

*High volume oil pump. The M-84EHV-S for use in 8-5/8" front sump pans, and the M-84BHV-S for use in 8-1/4" front sump pans. Oil pickup screen is included.*

## FORD 4.6L & 5.4L MODULAR ENGINES



### 10176

*Standard volume performance upgrade for the M176. For use with the 4.6-X SOHC Mustang GT. Supplied with chrome-moly billet steel rotors. The 10176 also features an anodized hard coated body and a phosphate coated cover. Uses 13/16" diameter pickup screen.*



### 10227

*Standard volume performance upgrade for the M227. For use with the 4.6L DOHC Cobra Mustang. Also may be used in the 4.6L, vin X SOHC Mustang as a 8% High volume oil pump. Supplied with chrome-moly billet steel rotors. The 10227 also features an anodized hard coated body and a phosphate coated cover. Uses 15/16" diameter 335S oil pickup screen.*



### 10340

*High pressure, standard volume performance upgrade for the M340. The 10340 features an anodized hard coated body and a phosphate coated cover. The relief valve has a pressure adjustable screw-in plug instead of a cup plug. Uses 15/16" diameter pickup screen.*

# Specialty Items & Tools

## Melling Engine Priming Tools

Melling Engine Priming Tools are manufactured from the highest quality materials available. These tools will prevent galling problems by circulating oil through critical areas of a new engine before engine start-up.



**PT10**  
Small Block & Big Block Chrysler



**PT11**  
Fords with a 1/4" hex shaft



**PT12**  
Fords with a 5/16" hex shaft



**PT13**  
Small Block & Big Block Chevrolet

## Melling Screen Installation Tools

Melling Engine Parts supplies (2) tools for installing press-in type oil pump screen assemblies. The pumpbody should be placed on a small block of wood with the tool straight up and down. Start the screen straight into the hole by twisting and turning by hand before pounding. **UNDER NO CIRCUMSTANCES SHOULD THE SCREEN OR OIL PUMP BE HELD IN A VICE.** This will lock up the pump by crushing the gear pocket. The tool can be tapped with a hammer until the rolled bead on the collar of the screen tube is flush with the oil pump. This is a metal displacement press fit that only works once.



**MCAT-62**  
For 5/8" diameter tubes

**MCAT-75**  
For 3/4" diameter tubes



**MPL-101**

## Melling Pre-Lube Engine Oiler A must have tool to pre-lube engines

- Eliminates dry starts after engine rebuilds
- Eliminates initial wear on engine components
- Can be used on all internal combustion engines

## MELL-LUBE Engine Assembly Lube NEW IMPROVED PROTECTION 1,400 PPM ZINC

MELL-LUBE engine assembly lube contains a special additive that plates wear surfaces to prevent scoring or galling during engine start-up.

MELL-LUBE also contains corrosion inhibitors to prevent rust and pitting to new engines.

**NOTE: Not for use on cylinder walls or piston rings**



**M-10012**  
4 oz. container



**M-10012G**  
1 Gallon container



# OIL PRESSURE SPRING PACKS

Melling Select's Pressure Relief Spring Packs provide an economical way to adjust the relief pressure on the small block or big block Chevy oil pumps without the need to cut coils or add shims which can be risky.

The springs are manufactured using the best suited alloyed steel which resists fatigue and are designed to provide long life. Melling Select Oil Pressure Spring Packs include 5 springs in each package.



## PACKAGE CONTENTS

Part#	Qty	Spring #	Pressure	Color	QtyPin #	For Use With
55049	(5)	M-29009-A	49#	GREEN	(5) M15509	M-55, M-55HV, M155, M155HV, 10550*, 10551*, 10553*, 10554*
55058	(5)	14024240	58#	YELLOW	(5) M15509	M-55, M-55HV, M155, M155HV, 10550*, 10551*, 10553*, 10554*
55070	(5)	M-98015	70#	PINK	(5) M15509	M-55, M-55HV, M155, M155HV, 10550*, 10551*, 10553*, 10554*
55078	(5)	M-46557	78#	GREEN	(5) M15509	M-55, M-55HV, M155, M155HV, 10550*, 10551*, 10553*, 10554*
77052	(5)	M-77007	52#	PLAIN	(5) M15509	M-77, M-77HV, M-77G, M307, M-99HV-S, 10770*, 10774*
77060	(5)	M-77009	60#	BLUE	(5) M15509	M-77, M-77HV, M-77G, M307, M-99HV-S, 10770*, 10774*
77070	(5)	3870399	70#	PINK	(5) M15509	M-77, M-77HV, M-77G, M307, M-99HV-S, 10770*, 10774*
5556F	(5)	M-55097	50-60#	PLAIN	(NOT REQUIRED)	10552*, 10552C*, 10555*, 10555C*
5570F	(5)	M-55096	70#	PINK	(NOT REQUIRED)	10552*, 10552C*, 10555*, 10555C*
7752M	(5)	M-77007	52#	PLAIN	(NOT REQUIRED)	10778* & 10778C*
7760M	(5)	M-77009	60#	BLUE	(NOT REQUIRED)	10778* & 10778C*
7770M	(5)	3870399	70#	PINK	(NOT REQUIRED)	10778* & 10778C*

\*Additional performance oil pump application information available in the Melling Select performance catalog



# ***CHROME MOLY DRIVE SHAFTS***



## ***Melling Select Performance Oil Pump Intermediate Shafts***

### ***GM Applications:***

**12550, Performance upgrade for IS-55E and IS-55G.** Manufactured from Chrome Moly steel for improved shaft strength. Special collar design allows the intermediate shaft to snap onto the oil pump drive shaft while still allowing for mis-alignment of pump drive shaft to the distributor drive shaft caused by tolerance stack-up within the engine.

**12770, Performance upgrade for IS-77 and IS-77A.** Manufactured from Chrome Moly steel for improved shaft strength. Special collar design allows the intermediate shaft to snap onto the oil pump drive shaft while still allowing for mis-alignment of pump drive shaft to the distributor drive shaft caused by tolerance stack-up within the engine.

### ***Ford Applications:***

**12600, Performance upgrade for IS-60.** Manufactured from Chrome Moly steel for improved shaft strength. Heat treated and centerless ground.

**12680, Performance upgrade for IS-68.** Manufactured from Chrome Moly steel for improved shaft strength. Heat treated and centerless ground.

**12830, Performance upgrade for IS-83.** Manufactured from Chrome Moly steel for improved shaft strength. Heat treated and centerless ground.

**12840, Performance upgrade for IS-84.** Manufactured from Chrome Moly steel for improved shaft strength. Heat treated and centerless ground.

**12844, Performance upgrade for IS-84A.** Manufactured from Chrome Moly steel for improved shaft strength. Heat treated and centerless ground.

### ***Chrysler Applications:***

**12630, Performance upgrade for IS-63.** Gear press fit and pinned to drive shaft. Drive shaft manufactured from Chrome Moly steel for improved shaft strength.

**12720, Performance upgrade for IS-72.** Gear press fit and pinned to drive shaft. Drive shaft manufactured from Chrome Moly steel for improved shaft strength.

# RETRO-FIT ROLLER CAMSHAFTS & LIFTERS



APPLICATION/CLASS	CAM	VALVE LIFT INT. / EXH.	DUR @ .050 INT. / EXH.	LOBE CTR. INT. / EXH.	LOBE SEP.
<b>SB CHEV CLASS I</b>	22135	.470 / .490	206 / 214	108 / 116	112
	22136	.470 / .480	215 / 230	106 / 114	110
<b>SB CHEV CLASS II</b>	22237	.470 / .490	215 / 224	108 / 116	112
	22238	.470 / .470	215 / 215	106 / 114	110
<b>BB CHEV CLASS I</b>	22141	.502 / .510	216 / 228	108 / 116	112
	22236	.527 / .544	224 / 234	106 / 114	110
<b>SB FORD CLASS I</b>	24110	.444 / .444	210 / 211	116 / 115	115.5
	24226	.490 / .508	212 / 222	107 / 117	112
<b>SB FORD CLASS II</b>	24214	.498 / .498	219 / 219	110 / 110	110



- |           |                                 |
|-----------|---------------------------------|
| SB817RF16 | SMALL BLOCK CHEVY 1985 & OLDER  |
| SB079RF16 | SMALL BLOCK CHEVY 1986 & NEWER  |
| BB817RF16 | BIG BLOCK CHEVY 1987 & OLDER    |
| BB969RF16 | BIG BLOCK CHEVY 1988 & NEWER    |
| F1900RF16 | WINDSOR/CLEVELAND 351-400 & 302 |

\*\* Always consult catalogs listings for detailed application information\*\*

## GEAR DRIVE / 3 PC BILLET STEEL SPEED SETS



- All gears are 8620 carburized steel
- Includes roller cam button, lock plate, and bolts
- Timing adjusted with optional 5 color coded dowel pin hole inserts
- Available in noisy and quiet versions

**RECOMMENDED FOR STREET N STRIP, CLAIMER & RACING APPLICATIONS UP TO 6,500 RPM.**

### GEAR DRIVE SPEED SETS

Part No.	Applications	Features
<b>48400</b>	Chevrolet S.B.	With Thrust Bearing (NOISY)
<b>48400Q</b>	Chevrolet S.B.	With Thrust Bearing (QUIET)
<b>48410</b>	Chevrolet S.B.	With Thrust Bearing (NOISY)
<b>48410Q</b>	Chevrolet S.B.	With Thrust Bearing (QUIET)
<b>48420</b>	Ford S.B.	With Thrust Bearing (NOISY)
<b>48430</b>	Ford S.B.	With Thrust Bearing (NOISY)
<b>48450</b>	Chevrolet S.B.	With Thrust Bearing (NOISY)

Check the application section for detailed year range information and required set number.

- Large .250 diameter seamless double roller chain
- Billet steel cam sprocket
- 3 keyway crank sprocket w/+4°/-4° cam adjustment
- Press fit roller thrust bearing and bronze washer options
- 9 keyway steel crank sprocket options, heat treated w/black oxide coating

**RECOMMENDED FOR STREET N STRIP, CIRCLE TRACK, CLAIMER & HOT ROD APPLICATIONS**



### 3 PC BILLET STEEL SPEED SETS

Part No.	Applications	Features
<b>48500T-9</b>	Chevrolet S.B.	Press Fit Thrust Bearing
<b>48500W-9</b>	Chevrolet S.B.	Bronze Washer
<b>48501T-9</b>	Chevrolet S.B.	Press Fit Thrust Bearing
<b>48501W-9</b>	Chevrolet S.B.	Bronze Washer
<b>48520T-9</b>	Ford S.B.	Press Fit Thrust Bearing
<b>48520W-9</b>	Ford S.B.	Bronze Washer
<b>48530T-9</b>	Ford S.B.	Press Fit Thrust Bearing
<b>48551T-9</b>	Ford S.B.	Press Fit Thrust Bearing

Check the application section for detailed year range information and required set number.

**PERFORMANCE - AMERICAN MOTORS & JEEP**

Line No.	Part Title	Part No.	Description				
<b>1</b>	<b>4.8 (290) ENG - 1968-69 - V8 - 3.750 Bore</b>						
	<b>Torque Camshaft</b>	<b>MTA-1</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
	HYD. IMPROVES LOW-MID. PERF. CHECK FOR COIL BIND. USE [VS-280] SPRING W/ INSTALLED HGT. OF 1.82. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1200-4700.		Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
			204 214	280 289	.449 .473	105 115	110
	<b>Camshafts Using Hydraulic Flat Tappet Lifters</b>	<b>20402</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
	CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2750-6250.		Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
			234 244	306 316	.520 .542	107 117	112
	<b>Mechanical Flat Tappet Lifters</b>	<b>299984</b>	USE WITH CAST IRON CAMSHAFT				
	<b>Hydraulic Flat Tappet Lifters</b>	<b>290114</b>					
	<b>Valve Locks</b>	<b>473004</b>	2 GROOVES				
	<b>Valve Spring with Hydraulic Lifters</b>	<b>VS-280</b>	USE W/MTA-1 CAMSHAFT INSTALLED HGT. OF 1.82. (MACHINING MAY BE REQUIRED)				
		<b>466434</b>	MUST USE WITH 475144 RETAINERS				
	<b>Valve Spring Retainers</b>	<b>475144</b>	CHROME MOLY - USE WITH [466434] SPRINGS				
<b>2</b>	<b>5.0 (304) OHV ENG - 1970-79 - V8 - 3.750 Bore</b>						
	<b>Torque Camshaft</b>	<b>MTA-1</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
	IMPROVES LOW-MID. PERF. CHECK FOR COIL BIND. USE [VS-280] SPRING W/INSTALLED HGT. OF 1.82. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1200-4700.		Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
			204 214	280 289	.449 .473	105 115	110
	<b>Camshafts Using Hydraulic Flat Tappet Lifters</b>	<b>20402</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
	CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2750-6250.		Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
			234 244	306 316	.520 .542	107 117	112
	<b>Torque Cam Lifter Kit</b>	<b>CL-MTA-1</b>	1971-1977 CLASS I HYD. NOT COMPUTER COMPATIBLE. IMPROVES LOW-MID PERF. USE (VS-280). NOT CALIFORNIA COMPLIANT. KIT INCLUDES 1-[MTA-1] CAM, 16-[JB-2011] LIFTERS & 4OZ MELL LUBE. CHECK FOR COIL BIND. USE [VS-280] SPRING W/ INSTALLED HGT. OF 1.82.				
	<b>Mechanical Flat Tappet Lifters</b>	<b>299984</b>	USE WITH CAST IRON CAMSHAFT				
	<b>Hydraulic Flat Tappet Lifters</b>	<b>290114</b>					
	<b>Valve Locks</b>	<b>473004</b>	2 GROOVES				
	<i>Continued on Next Page</i>						

**PERFORMANCE - AMERICAN MOTORS & JEEP (Continued)**

Line No.	Part Title	Part No.	Description				
<b>2</b>	<b>5.0 (304) OHV ENG - 1970-79 - V8 - 3.750 Bore</b>						
	<b>Valve Spring with Hydraulic Lifters</b>	<b>VS-280</b>	USE W/MTA-1 CAMSHAFT INSTALLED HGT. OF 1.82. (MACHINING MAY BE REQUIRED)				
		<b>466434</b>	USE W/ 475144 RETAINERS				
	<b>Valve Spring Retainers</b>	<b>475144</b>	CHROME MOLY - USE WITH [466434] SPRINGS				
	<b>Chrome Moly Push Rods</b>	<b>500314</b>	HEAT TREATED FOR GUIDE PLATES. 5/16" STANDARD LENGTH. 5/16" DIA. STANDARD LENGTH- HEAT TREATED FOR GUIDE PLATES. MAX. SPRING PRESSURE 350 LBS.				
		<b>501004</b>	HEAT TREATED FOR GUIDE PLATES. 5/16" STANDARD LENGTH. ONE PIECE CONSTRUCTION. 5/16" DIA. STANDARD LENGTH - HEAT TREATED FOR GUIDEPLATES (ONE PIECE CONSTRUCTION) MAX. SPRING PRESSURE 500 LBS.				
<b>3</b>	<b>5.6 (343) ENG - 1967-69 - V8 - 4.080 Bore</b>						
	<b>Torque Camshaft</b>	<b>MTA-1</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
	IMPROVES LOW-MID. PERF. CHECK FOR COIL BIND. USE [VS-280] SPRING W/INSTALLED HGT. OF 1.82. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1200-4700.		Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
			204 214	280 289	.449 .473	105 115	110
	<b>Camshafts Using Hydraulic Flat Tappet Lifters</b>	<b>20402</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
	CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2750-6250.		Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
			234 244	306 316	.520 .542	107 117	112
	<b>Mechanical Flat Tappet Lifters</b>	<b>299984</b>	USE WITH CAST IRON CAMSHAFT				
	<b>Hydraulic Flat Tappet Lifters</b>	<b>290114</b>					
	<b>Valve Locks</b>	<b>473004</b>	2 GROOVES				
	<b>Valve Spring with Hydraulic Lifters</b>	<b>VS-280</b>	USE W/MTA-1 CAMSHAFT INSTALLED HGT. OF 1.82. (MACHINING MAY BE REQUIRED)				
		<b>466434</b>	USE W/ 475144 RETAINERS				
	<b>Valve Spring Retainers</b>	<b>475144</b>	CHROME MOLY - USE WITH [466434] SPRINGS				
<b>4</b>	<b>5.9 (360) OHV ENG - 1970-78 - V8 - 4.080 Bore</b>						
	<b>Torque Camshaft</b>	<b>MTA-1</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
	IMPROVES LOW-MID. PERF. CHECK FOR COIL BIND. USE [VS-280] SPRING W/INSTALLED HGT. OF 1.82. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1200-4700.		Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
			204 214	280 289	.449 .473	105 115	110
	<i>Continued on Next Page</i>						

**PERFORMANCE - AMERICAN MOTORS & JEEP (Continued)**

Line No.	Part Title	Part No.	Description				
<b>4</b>	<b>5.9 (360) OHV ENG - 1970-78 - V8 - 4.080 Bore</b>						
	<b>Camshafts Using Hydraulic Flat Tappet Lifters</b>		Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
	CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2750-6250.	<b>20402</b>	Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
			234 244	306 316	.520 .542	107 117	112
	<b>Torque Cam Lifter Kit</b>	<b>CL-MTA-1</b>	1971-1977 CLASS I HYD. NOT COMPUTER COMPATIBLE. IMPROVES LOW-MID PERF. USE (VS-280). NOT CALIFORNIA COMPLIANT. KIT INCLUDES 1-[MTA-1] CAM, 16-[JB-2011] LIFTERS & 4OZ MELL LUBE. CHECK FOR COIL BIND. USE [VS-280] SPRING W/ INSTALLED HGT. OF 1.82.				
	<b>Mechanical Flat Tappet Lifters</b>	<b>299984</b>	USE WITH CAST IRON CAMSHAFT				
	<b>Hydraulic Flat Tappet Lifters</b>	<b>290114</b>					
	<b>Valve Locks</b>	<b>473004</b>	2 GROOVES				
	<b>Valve Spring with Hydraulic Lifters</b>	<b>VS-280</b>	USE WITH [MTA-1] CAM W/ INSTALLED HGT OF 1.82 (MACHINING MAY BE REQUIRED)				
		<b>466434</b>	USE W/ 475144 RETAINERS				
	<b>Valve Spring Retainers</b>	<b>475144</b>	CHROME MOLY - USE WITH [466434] SPRINGS				
	<b>Chrome Moly Push Rods</b>	<b>500314</b>	HEAT TREATED FOR GUIDE PLATES. 5/16" STANDARD LENGTH 5/16" DIA. STANDARD LENGTH- HEAT TREATED FOR GUIDE PLATES. MAX. SPRING PRESSURE 350 LBS.				
		<b>501004</b>	HEAT TREATED FOR GUIDE PLATES. ONE PIECE CONSTRUCTION. 5/16" STANDARD LENGTH 5/16" DIA. STANDARD LENGTH - HEAT TREATED FOR GUIDEPLATES (ONE PIECE CONSTRUCTION) MAX. SPRING PRESSURE 500 LBS.				
<b>5</b>	<b>6.4 (390) ENG - 1968-70 - V8 - 4.165 Bore</b>						
	<b>Torque Camshaft</b>		Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
	IMPROVES LOW-MID. PERF. CHECK FOR COIL BIND. USE [VS-280] SPRING W/INSTALLED HGT. OF 1.82. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1200-4700.	<b>MTA-1</b>	Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
			204 214	280 289	.449 .473	105 115	110
	<b>Camshafts Using Hydraulic Flat Tappet Lifters</b>		Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
	CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2750-6250.	<b>20402</b>	Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
			234 244	306 316	.520 .542	107 117	112
	<b>Mechanical Flat Tappet Lifters</b>	<b>299984</b>	USE WITH CAST IRON CAMSHAFT				
	<b>Hydraulic Flat Tappet Lifters</b>	<b>290114</b>					
	<b>Valve Locks</b>	<b>473004</b>	2 GROOVES				
	<b>Valve Spring with Hydraulic Lifters</b>	<b>VS-280</b>	USE W/MTA-1 CAMSHAFT INSTALLED HGT. OF 1.82 (MACHINING MAY BE REQUIRED)				
	<i>Continued on Next Page</i>						

**PERFORMANCE - AMERICAN MOTORS & JEEP (Continued)**

Line No.	Part Title	Part No.	Description				
<b>5</b>	<b>6.4 (390) ENG - 1968-70 - V8 - 4.165 Bore</b>						
	Valve Spring with Hydraulic Lifters	466434	USE W/ 475144 RETAINERS				
	Valve Spring Retainers	475144	CHROME MOLY - USE WITH [466434] SPRINGS				
	Chrome Moly Push Rods	500314	1970-1970 HEAT TREATED FOR GUIDE PLATES. 5/16" STANDARD LENGTH 5/16" DIA. STANDARD LENGTH- HEAT TREATED FOR GUIDE PLATES. MAX. SPRING PRESSURE 350 LBS.				
		501004	1970-1970 HEAT TREATED FOR GUIDE PLATES. 5/16". ONE PIECE CONSTRUCTION. STANDARD LENGTH 5/16" DIA. STANDARD LENGTH - HEAT TREATED FOR GUIDEPLATES (ONE PIECE CONSTRUCTION) MAX. SPRING PRESSURE 500 LBS.				
<b>6</b>	<b>6.6 (401) OHV ENG - 1971-76 - V8 - 4.170 Bore</b>						
	<b>Torque Camshaft</b>	<b>MTA-1</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
	IMPROVES LOW-MID. PERF. CHECK FOR COIL BIND. USE [VS-280] SPRING W/INSTALLED HGT. OF 1.82. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1200-4700.		Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
			204 214	280 289	.449 .473	105 115	110
	<b>Camshafts Using Hydraulic Flat Tappet Lifters</b>	<b>20402</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
	CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2750-6250.		Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
			234 244	306 316	.520 .542	107 117	112
	<b>Torque Cam Lifter Kit</b>	<b>CL-MTA-1</b>	CLASS I HYD. NOT COMPUTER COMPATIBLE. IMPROVES LOW-MID PERF. USE (VS-280). NOT CALIFORNIA COMPLIANT. KIT INCLUDES 1-[MTA-1] CAM, 16-[JB-2011] LIFTERS & 4OZ MELL LUBE. CHECK FOR COIL BIND. USE [VS-280] SPRING W/INSTALLED HGT. OF 1.82.				
	<b>Mechanical Flat Tappet Lifters</b>	<b>299984</b>	USE WITH CAST IRON CAMSHAFT				
	<b>Hydraulic Flat Tappet Lifters</b>	<b>290114</b>					
	<b>Valve Locks</b>	<b>473004</b>	2 GROOVES				
	<b>Valve Spring with Hydraulic Lifters</b>	<b>VS-280</b>	USE W/MTA-1 CAMSHAFT INSTALLED HGT. OF 1.82 (MACHINING MAY BE REQUIRED)				
		<b>466434</b>	USE W/ 475144 RETAINERS				
	<b>Valve Spring Retainers</b>	<b>475144</b>	CHROME MOLY - USE WITH [466434] SPRINGS				
	<b>Chrome Moly Push Rods</b>	<b>500314</b>	HEAT TREATED FOR GUIDE PLATES. 5/16" STANDARD LENGTH 5/16" DIA. STANDARD LENGTH- HEAT TREATED FOR GUIDE PLATES. MAX. SPRING PRESSURE 350 LBS.				
		<b>501004</b>	HEAT TREATED FOR GUIDE PLATES. ONE PIECE CONSTRUCTION. 5/16" STANDARD LENGTH 5/16" DIA. STANDARD LENGTH - HEAT TREATED FOR GUIDEPLATES (ONE PIECE CONSTRUCTION) MAX. SPRING PRESSURE 500 LBS.				

**PERFORMANCE - BUICK**

Line No.	Part Title	Part No.	Description				
<b>1</b>	<b>3.0-E (181) ENG - 1982-85 - V6 - 3.800 Bore</b>						
	<b>Torque Camshaft</b>		Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
		<b>MTB-1</b>	Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
	HYD. IMPROVES MID RANGE PERF. CHECK FOR COIL BIND. USE [VS-380] SPRING W/ INSTALLED HGT. OF 1.72. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1200-4700.		204 214	280 290	.449 .473	112 112	112
	HYD. IMPROVES LOW-MID PERF. CHECK FOR COIL BIND. USE [VS-380] SPRING W/ INSTALLED HGT. OF 1.72. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 800-4500.	<b>MTB-2</b>	194 204	272 280	.424 .449	109 119	114
	<b>Mell Lube</b>	<b>M-10012</b>	ENGINE ASSEMBLY LUBRICANT				
	<b>Torque Cam Lifter Kit</b>	<b>CL-MTB-1</b>	CLASS I HYD. NOT COMPUTER COMPATIBLE. IMPROVES LOW-MID PERF. USE (VS-380). NOT CALIFORNIA COMPLIANT. KIT INCLUDES 1-[MTB-1] CAM, 12-[JB-969] LIFTERS & 4OZ MELL LUBE. CHECK FOR COIL BIND. USE [VS-380] SPRING W/INSTALLED HGT. OF 1.72.				
		<b>CL-MTB-2</b>	CLASS I HYD. NOT COMPUTER COMPATIBLE. IMPROVES LOW-MID PERF. USE (VS-380) NOT CALIFORNIA COMPLIANT. KIT INCLUDES 1-[MTB-2] CAM, 12-[JB-969] LIFTERS & 4OZ MELL LUBE. CHECK FOR COIL BIND. USE [VS-380] SPRING W/INSTALLED HGT. OF 1.72.				
	<b>Hydraulic Flat Tappet Lifters</b>	<b>299694</b>	USE FACTORY SETTING				
		<b>299704</b>	ANTI-PUMP UP, SET AT ZERO LASH; MUST BE USED W/ ADJUSTABLE VALVE TRAIN				
	<b>Valve Locks</b>	<b>476104</b>					
	<b>Valve Spring with Hydraulic Lifters</b>	<b>VS-380</b>	STOCK REPLACEMENT. USE WITH [MTB-1] & [MTB-2] CAMSHAFTS (MACHINING MAY BE REQUIRED)				
	<b>Chrome Moly Push Rods</b>	<b>500574</b>	HEAT TREATED FOR GUIDE PLATES MAX. SPRING PRESSURE 350 LBS.				
	<b>3pc Set</b>	<b>40404</b>	1982-1984 NOTE: DO NOT USE DAMPER INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET				



**PERFORMANCE - BUICK (Continued)**

<b>Line No.</b>	<b>Part Title</b>	<b>Part No.</b>	<b>Description</b>				
<b>2</b>	<b>3.8 (231) OHV ENG - 1977-87 - V6 - 3.78, 3.80 Bore</b>						
	<b>Torque Camshaft</b>	<b>MTB-1</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
	HYD. IMPROVES MID-RANGE PERF. CHECK FOR COIL BIND. USE [VS-380] SPRING W/ INSTALLED HGT. OF 1.72. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1200-4700.		Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
			204 214	280 290	.449 .473	112 112	112
	HYD. IMPROVES LOW-MID PERF. CHECK FOR COIL BIND. USE [VS-380] SPRING W/ INSTALLED HGT. OF 1.72. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 800-4500.	<b>MTB-2</b>	194 204	272 280	.424 .449	109 119	114
	<b>Camshafts Using Hydraulic Flat Tappet Lifters</b>	<b>21300</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
	CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1200-4700.		Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
			234 244	306 316	.520 .542	107 117	112
	<b>Mell Lube</b>	<b>M-10012</b>	ENGINE ASSEMBLY LUBRICANT				
	<b>Torque Cam Lifter Kit</b>	<b>CL-MTB-1</b>	CLASS I HYD. NOT COMPUTER COMPATIBLE. IMPROVES MID-RANGE PERF. USE (VS-380). NOT CALIFORNIA COMPLIANT. KIT INCLUDES 1-[MTB-1] CAM, 12-[JB-969] LIFTERS & 4OZ MELL LUBE. CHECK FOR COIL BIND. USE [VS-380] SPRING W/INSTALLED HGT. OF 1.72.				
		<b>CL-MTB-2</b>	CLASS I HYD. NOT COMPUTER COMPATIBLE. IMPROVES LOW-MID PERF. USE (VS-380). NOT CALIFORNIA COMPLIANT. KIT INCLUDES 1-[MTB-2] CAM, 12-[JB-969] LIFTERS & 4OZ MELL LUBE. CHECK FOR COIL BIND. USE [VS-380] SPRING W/INSTALLED HGT. OF 1.72.				
	<b>Hydraulic Flat Tappet Lifters</b>	<b>299694</b>	USE FACTORY SETTING				
		<b>299704</b>	ANTI-PUMP UP, SET AT ZERO LASH; MUST BE USED W/ ADJUSTABLE VALVE TRAIN				
	<b>Valve Locks</b>	<b>476104</b>					
	<b>Valve Spring with Hydraulic Lifters</b>	<b>VS-380</b>	STOCK REPLACEMENT. USE WITH [MTB-1] & [MTB-2] CAMSHAFTS (MACHINING MAY BE REQUIRED)				
	<b>Valve Spring Retainers</b>	<b>475184</b>	CHROME MOLY- USE WITH STOCK SPRINGS				
	<b>Chrome Moly Push Rods</b>	<b>500574</b>	MAXIMUM SPRING PRESSURE 350 LBS. HEAT TREATED FOR GUIDE PLATES MAX. SPRING PRESSURE 350 LBS.				
	<b>3pc Set</b>	<b>40404</b>	NOTE: DO NOT USE DAMPER WITH THIS SET INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET				

**PERFORMANCE - BUICK (Continued)**

Line No.	Part Title	Part No.	Description				
<b>3</b>	<b>4.1-4 (252) OHV ENG - 1980-84 - V6 - 3.97 Bore</b>						
	<b>Torque Camshaft</b>		Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
	HYD. IMPROVES MID-RANGE PERF. CHECK FOR COIL BIND. USE (VS-380) CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATABLE. POWER RANGE 1200-4700.	<b>MTB-1</b>	Int. Exh. 204 214	Int. Exh. 280 290	Int. Exh. .449 .473	Int. Exh. 112 112	112
	HYD. IMPROVES LOW-MID PERF. CHECK FOR COIL BIND. USE [VS-380] SPRING W/ INSTALLED HGT. OF 1.72. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 800-4500.	<b>MTB-2</b>	194 204	272 280	.424 .449	109 119	114
	<b>Mell Lube</b>	<b>M-10012</b>	ENGINE ASSEMBLY LUBRICANT				
	<b>Torque Cam Lifter Kit</b>	<b>CL-MTB-1</b>	CLASS I HYD. NOT COMPUTER COMPATIBLE. IMPROVES MID-RANGE PERF. USE (VS-380). NOT CALIFORNIA COMPLIANT. KIT INCLUDES 1-[MTB-1] CAM, 12-[JB-969] LIFTERS & 4OZ MELL LUBE. CHECK FOR COIL BIND. USE [VS-380] SPRING W/INSTALLED HGT. OF 1.72.				
		<b>CL-MTB-2</b>	CLASS I HYD. NOT COMPUTER COMPATIBLE. IMPROVES LOW-MID PERF. USE (VS-380). NOT CALIFORNIA COMPLIANT. KIT INCLUDES 1-[MTB-2] CAM, 12-[JB-969] LIFTERS & 4OZ MELL LUBE. CHECK FOR COIL BIND. USE [VS-380] SPRING W/INSTALLED HGT. OF 1.72.				
	<b>Hydraulic Flat Tappet Lifters</b>	<b>299694</b>	USE FACTORY SETTING				
		<b>299704</b>	ANTI-PUMP UP, SET AT ZERO LASH; MUST BE USED W/ ADJUSTABLE VALVE TRAIN				
	<b>Valve Locks</b>	<b>476104</b>					
	<b>Valve Spring with Hydraulic Lifters</b>	<b>VS-380</b>	STOCK REPLACEMENT. USE WITH [MTB-1] & [MTB-2] CAMSHAFTS (MACHINING MAY BE REQUIRED)				
	<b>Valve Spring Retainers</b>	<b>475184</b>	CHROME-MOLY USE WITH STOCK SPRINGS				
	<b>Chrome Moly Push Rods</b>	<b>500574</b>	MAXIMUM SPRING PRESSURE 350 LBS. HEAT TREATED FOR GUIDE PLATES MAX. SPRING PRESSURE 350 LBS.				
	<b>3pc Set</b>	<b>40404</b>	NOTE: DO NOT USE A DAMPER WITH THIS SET INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET				
<b>4</b>	<b>4.4-J (267) ENG - 1981-82 - V8 - 3.50 Bore</b>						
	<b>Mell Lube</b>	<b>M-10012</b>	ENGINE ASSEMBLY LUBRICANT				
	<b>Gear Drive Set</b>	<b>48400</b>	NOISY - INCLUDES 8620 CARBURIZED STEEL GEARS, ROLLER CAM BUTTON, LOCK PLATE AND BOLTS. TIMING ADJUSTED WITH 5 OPTIONAL COLOR CODED DOWEL PIN HOLE INSERTS. RECOMMENDED FOR STREET AND STRIP, CLAIMER AND RACING ENGINES UP TO 6,500 RPM.				
	<i>Continued on Next Page</i>						

**PERFORMANCE - BUICK (Continued)**

<b>Line No.</b>	<b>Part Title</b>	<b>Part No.</b>	<b>Description</b>
<b>4</b>	<b>4.4-J (267) ENG - 1981-82 - V8 - 3.50 Bore</b>		
	<b>Gear Drive Set</b>	<b>48400Q</b>	QUIET - INCLUDES 8620 CARBURIZED STEEL GEARS, ROLLER CAM BUTTON, LOCK PLATE AND BOLTS. TIMING ADJUSTED WITH 5 OPTIONAL COLOR CODED DOWEL PIN HOLE INSERTS. RECOMMENDED FOR STREET AND STRIP, CLAIMER AND RACING ENGINES UP TO 6,500 RPM.
	<b>3pc Set</b>	<b>48500T-9</b>	RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD AND CLAIMER ENGINES INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4°/-4° CAM ADJUSTMENT. PRESS FIT ROLLER THRUST BEARINGS.
		<b>48500W-9</b>	RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD AND CLAIMER ENGINES. INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4°/-4° CAM ADJUSTMENT. BRONZE WASHER
<b>5</b>	<b>5.0-G,H,U (305) ENG - 1977-87 - V8 - 3.736 Bore</b>		
	<b>Mell Lube</b>	<b>M-10012</b>	ENGINE ASSEMBLY LUBRICANT
	<b>Gear Drive Set</b>	<b>48400</b>	NOISY - INCLUDES 8620 CARBURIZED STEEL GEARS, ROLLER CAM BUTTON, LOCK PLATE AND BOLTS. TIMING ADJUSTED WITH 5 OPTIONAL COLOR CODED DOWEL PIN HOLE INSERTS. RECOMMENDED FOR STREET AND STRIP, CLAIMER AND RACING ENGINES UP TO 6,500 RPM.
		<b>48400Q</b>	QUIET - INCLUDES 8620 CARBURIZED STEEL GEARS, ROLLER CAM BUTTON, LOCK PLATE AND BOLTS. TIMING ADJUSTED WITH 5 OPTIONAL COLOR CODED DOWEL PIN HOLE INSERTS. RECOMMENDED FOR STREET AND STRIP, CLAIMER AND RACING ENGINES UP TO 6,500 RPM.
	<b>3pc Set</b>	<b>48500T-9</b>	RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD AND CLAIMER ENGINES INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4°/-4° CAM ADJUSTMENT. PRESS FIT ROLLER THRUST BEARINGS.
		<b>48500W-9</b>	RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD AND CLAIMER ENGINES. INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4°/-4° CAM ADJUSTMENT. BRONZE WASHER
<b>6</b>	<b>5.7-L (350) ENG - 1977-79 - V8 - 4.000 Bore</b>		
	<b>Mell Lube</b>	<b>M-10012</b>	ENGINE ASSEMBLY LUBRICANT
	<b>Gear Drive Set</b>	<b>48400</b>	NOISY - INCLUDES 8620 CARBURIZED STEEL GEARS, ROLLER CAM BUTTON, LOCK PLATE AND BOLTS. TIMING ADJUSTED WITH 5 OPTIONAL COLOR CODED DOWEL PIN HOLE INSERTS. RECOMMENDED FOR STREET AND STRIP, CLAIMER AND RACING ENGINES UP TO 6,500 RPM.
	<i>Continued on Next Page</i>		

**PERFORMANCE - BUICK (Continued)**

Line No.	Part Title	Part No.	Description
<b>6</b>	<b>5.7-L (350) ENG - 1977-79 - V8 - 4.000 Bore</b>		
	Gear Drive Set	48400Q	QUIET - INCLUDES 8620 CARBURIZED STEEL GEARS, ROLLER CAM BUTTON, LOCK PLATE AND BOLTS. TIMING ADJUSTED WITH 5 OPTIONAL COLOR CODED DOWEL PIN HOLE INSERTS. RECOMMENDED FOR STREET AND STRIP, CLAIMER AND RACING ENGINES UP TO 6,500 RPM.
	3pc Set	48500T-9	RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD AND CLAIMER ENGINES INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4°/-4° CAM ADJUSTMENT. PRESS FIT ROLLER THRUST BEARINGS.
		48500W-9	RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD AND CLAIMER ENGINES. INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4°/-4° CAM ADJUSTMENT. BRONZE WASHER
<b>7</b>	<b>350 B,H,J,X ENG - 1972-81 - 8 Cyl. - 3.800 Bore</b>		
	Mell Lube	M-10012	ENGINE ASSEMBLY LUBRICANT
	3pc Set	40210	INCLUDES ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET

**PERFORMANCE - CHEVROLET CARS & TRUCKS**

Line No.	Part Title	Part No.	Description				
<b>1</b>	<b>173 ENG - 1980-89 - V6 - 89 MM Bore</b>						
	Torque Camshaft  HYD. USE (VS-380). CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1000-4800.	MTC-5	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
			Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
			204 214	278 288	.421 .443	107 117	112
	Hydraulic Flat Tappet Lifters	290954	USE FACTORY SETTING				
	Valve Spring with Hydraulic Lifters	VS-380	STOCK REPLACEMENT. USE W/ [MTC-5] CAMSHAFT; INSTALLED HGT. OF 1.72 (MACHINING MAY BE REQUIRED)				
	Oil Pump	M134HV	3/4 INCH OUTLET HI VOL PUMP (20% ADDL VOL OF OIL)				
<b>2</b>	<b>189 ENG - 1990-94 - V6 - 3.504 Bore</b>						
	Torque Camshaft  HYD. USE (VS-380). (EXCLUDES VIN D, M.) CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1000-4800.	MTC-5	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
			Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
			204 214	278 288	.421 .443	107 117	112
	Hydraulic Flat Tappet Lifters	290954	EXCLUDES VIN D, M USE FACTORY SETTING				
	Valve Spring with Hydraulic Lifters	VS-380	STOCK REPLACEMENT. USE W/ [MTC-5] CAMSHAFT; INSTALLED HGT. OF 1.72; EXCLUDES VIN D,M (MACHINING MAY BE REQUIRED)				
	Oil Pump	M134HV	3/4" OUTLET HI VOL PUMP (20% ADDL VOL OF OIL)				

**PERFORMANCE - CHEVROLET CARS & TRUCKS (Continued)**

<b>Line No.</b>	<b>Part Title</b>	<b>Part No.</b>	<b>Description</b>
<b>3</b>	<b>200 ENG - 1978-79 - V6 - 3.50 Bore</b>		
	<b>Mell Lube</b>	<b>M-10012</b>	ENGINE ASSEMBLY LUBRICANT
	<b>Gear Drive Set</b>	<b>48400</b>	NOISY - INCLUDES 8620 CARBURIZED STEEL GEARS, ROLLER CAM BUTTON, LOCK PLATE AND BOLTS. TIMING ADJUSTED WITH 5 OPTIONAL COLOR CODED DOWEL PIN HOLE INSERTS. RECOMMENDED FOR STREET AND STRIP, CLAIMER AND RACING ENGINES UP TO 6,500 RPM.
		<b>48400Q</b>	QUIET - INCLUDES 8620 CARBURIZED STEEL GEARS, ROLLER CAM BUTTON, LOCK PLATE AND BOLTS. TIMING ADJUSTED WITH 5 OPTIONAL COLOR CODED DOWEL PIN HOLE INSERTS. RECOMMENDED FOR STREET AND STRIP, CLAIMER AND RACING ENGINES UP TO 6,500 RPM.
	<b>3pc Set</b>	<b>48500T-9</b>	RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD AND CLAIMER ENGINES. INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4°/-4° CAM ADJUSTMENT. PRESS FIT ROLLER THRUST BEARINGS.
		<b>48500W-9</b>	RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD AND CLAIMER ENGINES. INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4°/-4° CAM ADJUSTMENT. BRONZE WASHER
<b>4</b>	<b>229 ENG - 1980-1984 - V6 - 3.736 Bore</b>		
	<b>Mell Lube</b>	<b>M-10012</b>	ENGINE ASSEMBLY LUBRICANT
	<b>Gear Drive Set</b>	<b>48400</b>	NOISY - INCLUDES 8620 CARBURIZED STEEL GEARS, ROLLER CAM BUTTON, LOCK PLATE AND BOLTS. TIMING ADJUSTED WITH 5 OPTIONAL COLOR CODED DOWEL PIN HOLE INSERTS. RECOMMENDED FOR STREET AND STRIP, CLAIMER AND RACING ENGINES UP TO 6,500 RPM.
		<b>48400Q</b>	QUIET - INCLUDES 8620 CARBURIZED STEEL GEARS, ROLLER CAM BUTTON, LOCK PLATE AND BOLTS. TIMING ADJUSTED WITH 5 OPTIONAL COLOR CODED DOWEL PIN HOLE INSERTS. RECOMMENDED FOR STREET AND STRIP, CLAIMER AND RACING ENGINES UP TO 6,500 RPM.
	<b>3pc Set</b>	<b>48500T-9</b>	RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD AND CLAIMER ENGINES. INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4°/-4° CAM ADJUSTMENT. PRESS FIT ROLLER THRUST BEARINGS.
		<b>48500W-9</b>	RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD AND CLAIMER ENGINES. INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4°/-4° CAM ADJUSTMENT. BRONZE WASHER

**PERFORMANCE - CHEVROLET CARS & TRUCKS (Continued)**

Line No.	Part Title	Part No.	Description				
<b>5</b>	<b>262 ENG - 1975-76 - 8 Cyl. - 3.671 Bore</b>						
	<b>Camshafts Using Mechanical Flat Tappet Lifters</b>	<b>22400</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
			Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
	OEM #3927140 CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3700-7300.		257 270	304 320	.494 .512	108 116	112
	CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2700-6200.	<b>22402</b>	240 250	282 290	.521 .521	104 108	106
	CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3700-7300.	<b>22404</b>	258 266	290 298	.538 .556	99 111	105
	OEM #3849346 CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3600-7200.	<b>22410</b>	254 254	294 294	.484 .484	110 118	114
	OEM #3965754. CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3600-7200.	<b>22450</b>	262 273	309 318	.512 .536	108 116	112
	<b>Camshafts Using Hydraulic Flat Tappet Lifters</b>	<b>C-400-P</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
			Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
	CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2100-5600.		223 223	290 290	.447 .447	110 118	114
	OEM #3863151. CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2100-5600.	<b>22200</b>	223 223	290 290	.447 .447	110 118	114
	OEM #3896962. CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2200-5800.	<b>22210</b>	224 224	291 287	.450 .460	114 114	114
	CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5300.	<b>22230</b>	214 214	287 287	.444 .444	105 115	110
	CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2000-5700.	<b>22232</b>	220 231	304 287	.468 .480	106 114	110
	CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2200-5800.	<b>22233</b>	224 224	300 300	.436 .436	107 109	108
	<i>Continued on Next Page</i>						

**PERFORMANCE - CHEVROLET CARS & TRUCKS (Continued)**

<b>Line No.</b>	<b>Part Title</b>	<b>Part No.</b>	<b>Description</b>				
<b>5</b>	<b>262 ENG - 1975-76 - 8 Cyl. - 3.671 Bore</b>						
	<b>Camshafts Using Hydraulic Flat Tappet Lifters</b>		Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
			Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
	CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2000-5500.	<b>22234</b>	224 230	283 291	.480 .486	107 113	110
	CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2200-5700.	<b>22235</b>	224 224	224 224	.465 .465	112 112	112
	CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2500-6000.	<b>22301</b>	232 232	288 288	.480 .480	106 110	108
	CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2200-5700.	<b>22303</b>	224 234	298 304	.466 .488	107 117	112
	CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2700-6200.	<b>22305</b>	234 244	303 313	.488 .508	107 117	112
	CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2500-6000.	<b>22320</b>	230 230	304 304	.453 .453	112 116	114
	CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3300-6700.	<b>22401</b>	244 254	313 328	.508 .533	107 117	112
	CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3300-6800.	<b>22460</b>	246 246	302 302	.508 .508	106 112	109
	<b>Camshafts Using Hydraulic Retro-fit Roller Lifters</b>		Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
			Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
	FOR USE WITH RETRO-FIT ROLLER LIFTER [SB817RF16] CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1000-4500	<b>22135</b>	206 214	265 274	.470 .490	108 116	112
	FOR USE WITH RETRO-FIT ROLLER LIFTER [SB817RF16] CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1500-5000	<b>22136</b>	215 230	284 310	.470 .480	106 114	110
	<i>Continued on Next Page</i>						

**PERFORMANCE - CHEVROLET CARS & TRUCKS (Continued)**

Line No.	Part Title	Part No.	Description				
<b>5</b>	<b>262 ENG - 1975-76 - 8 Cyl. - 3.671 Bore</b>						
	<b>Camshafts Using Hydraulic Retro-fit Roller Lifters</b>  FOR USE WITH RETRO-FIT ROLLER LIFTER [SB817RF16] CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5200	<b>22237</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
Int. Exh.			Int. Exh.	Int. Exh.	Int. Exh.		
215 224			284 296	.470 .490	108 116	112	
	FOR USE WITH RETRO-FIT ROLLER LIFTER [SB817RF16] CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5300	<b>22238</b>	215 215	284 284	.470 .470	106 114	110
	FOR USE WITH RETRO-FIT ROLLER LIFTER [SB817RF16]	<b>22398</b>	234 238	296 300	.538 .546	107 117	112
	<b>Mell Lube</b>	<b>M-10012</b>	ENGINE ASSEMBLY LUBRICANT				
	<b>Mechanical Flat Tappet Lifters</b>	<b>JB-992</b>	STOCK TYPE REPLACEMENT LIFTER, SPECIAL DESIGNED METERING SYSTEM				
	<b>Hydraulic Flat Tappet Lifters</b>	<b>298174</b>	USE FACTORY SETTING				
		<b>298184</b>	ANTI-PUMP UP, SET AT ZERO LASH; MUST BE USED W/ ADJUSTABLE VALVE TRAIN				
	<b>Hydraulic Roller Lifters</b>	<b>JB-2079</b>	STOCK TYPE REPLACEMENT LIFTER				
	<b>Hydraulic Retro-fit Roller Lifters</b>	<b>SB817RF16</b>	RETRO-FIT LIFTER FOR USE W/ RETRO-FIT ROLLER CAMSHAFTS [22135], [22136], [22237], [22238], [22398]				
	<b>Valve Locks</b>	<b>476104</b>	HARDENED 11/32" STEM				
	<b>Valve Spring with Mechanical Lifters</b>	<b>466114</b>	OUTER- USE WITH [22410], [22415], [22400] & [22450] CAMS- MACHINING MAY BE REQUIRED 1.430 O.D.				
		<b>466274</b>	INNER- USE WITH [22410], [22400] & [22450] CAMS- MACHINING MAY BE REQUIRED 1.080 O.D.				
		<b>466364</b>	1.260 O.D.				
	<b>Valve Spring with Hydraulic Lifters</b>	<b>VS-380</b>	STOCK REPLACEMENT. USE WITH [22111], [22107], [22108], [22109], [22114] & [22215] CAMS- NOTE: ASM. HEIGHT OF 1.72				
		<b>VS-739</b>	STOCK REPLACEMENT. USE WITH [22303], [22305] & [22401] CAMS- NOTE: ASM HEIGHT OF 1.72- MACHINING MAY BE REQUIRED CHROME VANADIUM				
		<b>466204</b>	USE WITH [22303], [22305] & [22401] CAMS- NOTE: ASM HEIGHT OF 1.72- MACHINING MAY BE REQUIRED				
		<b>466354</b>	USE WITH MTC-1, (22110), (22115), (22200), (22210), (22213), (22203), (22320), (22301) CAMSHAFTS. NOTE: ASM HEIGHT OF 1.72 - MACHINING MAY BE REQUIRED.				
	<b>Valve Spring Retainers</b>	<b>475074</b>	CHROME MOLY- USE WITH [466114] SPRINGS				
		<b>475184</b>	CHROME MOLY- USE WITH [466204] & [466354] SPRINGS				
	<b>Rocker Arms</b>	<b>498404</b>	LONG SLOT				
	<b>Rocker Arm Stud</b>	<b>MRDS-2920</b>	2.325 OVERALL LENGTH, 3/8" DIAMETER WITH HEX NUT				
		<b>MRDS-941</b>	2.560 OVERALL LENGTH, 7/16" DIAMETER WITH HEX NUT				
	<b>Chrome Moly Push Rods</b>	<b>500314</b>	EXC. ROLLER 5/16" DIA. STANDARD LENGTH- HEAT TREATED FOR GUIDE PLATES. MAX. SPRING PRESSURE 350 LBS.				
	<i>Continued on Next Page</i>						



**PERFORMANCE - CHEVROLET CARS & TRUCKS (Continued)**

<b>Line No.</b>	<b>Part Title</b>	<b>Part No.</b>	<b>Description</b>
<b>5</b>	<b>262 ENG - 1975-76 - 8 Cyl. - 3.671 Bore</b>		
	<b>Chrome Moly Push Rods</b>	<b>500614</b>	EXC. ROLLER 5/16" DIA. + .100 O/S LENGTH-HEAT TREATED FOR GUIDE PLATES MAX. SPRING PRESSURE 350 LBS.
		<b>500674</b>	EXC. ROLLER 3/8" DIA. MAX. SPRING PRESSURE 350 LBS.
		<b>501004</b>	EXC. ROLLER 5/16" DIA. STANDARD LENGTH - HEAT TREATED FOR GUIDEPLATES (ONE PIECE CONSTRUCTION) MAX. SPRING PRESSURE 500 LBS.
		<b>501014</b>	EXC. ROLLER 5/16" DIA. + .100 O/S LENGTH - HEAT TREATED FOR GUIDE PLATES (ONE PIECE CONSTRUCTION)
		<b>501024</b>	EXC. ROLLER 5/16" DIA. + .150 O/S LENGTH - HEAT TREATED FOR GUIDE PLATES. (ONE PIECE CONSTRUCTION)
		<b>501034</b>	EXC. ROLLER 5/16" DIA. + .200 O/S LENGTH - HEAT TREATED FOR GUIDE PLATES. (ONE PIECE CONSTRUCTION)
	<b>Guide Plates</b>	<b>MGP1004</b>	5/16" THICK-MUST BE USED WITH SCREW-IN ROCKER ARM STUDS. (FLAT)
		<b>MGP1014</b>	3/8" THICK-MUST BE USED WITH SCREW-IN ROCKER ARM STUDS. (FLAT)
		<b>MGP1024</b>	3/8" THICK- MUST BE USED WITH SCREW-IN ROCKER ARM STUDS. (RAISED)
		<b>MGP1034</b>	5/16" THICK- MUST BE USED WITH SCREW-IN ROCKER ARM STUDS. (RAISED)
	<b>Gear Drive Set</b>	<b>48400</b>	NOISY - INCLUDES 8620 CARBURIZED STEEL GEARS, ROLLER CAM BUTTON, LOCK PLATE AND BOLTS. TIMING ADJUSTED WITH 5 OPTIONAL COLOR CODED DOWEL PIN HOLE INSERTS. RECOMMENDED FOR STREET AND STRIP, CLAIMER AND RACING ENGINES UP TO 6,500 RPM.
		<b>48400Q</b>	QUIET - INCLUDES 8620 CARBURIZED STEEL GEARS, ROLLER CAM BUTTON, LOCK PLATE AND BOLTS. TIMING ADJUSTED WITH 5 OPTIONAL COLOR CODED DOWEL PIN HOLE INSERTS. RECOMMENDED FOR STREET AND STRIP, CLAIMER AND RACING ENGINES UP TO 6,500 RPM.
	<b>3pc Set</b>	<b>40201</b>	EXCLUDES STOCK ROLLER CAM ENGINES. INCLUDES DOUBLE ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET.
		<b>40400</b>	EXCLUDES STOCK ROLLER CAM ENGINES. INCLUDES DOUBLE SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET
		<b>48500T-9</b>	RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD AND CLAIMER ENGINES INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4°/-4° CAM ADJUSTMENT. PRESS FIT ROLLER THRUST BEARINGS.
	<i>Continued on Next Page</i>		

**PERFORMANCE - CHEVROLET CARS & TRUCKS (Continued)**

Line No.	Part Title	Part No.	Description
<b>5</b>	<b>262 ENG - 1975-76 - 8 Cyl. - 3.671 Bore</b>		
	<b>3pc Set</b>	<b>48500W-9</b>	RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD AND CLAIMER ENGINES. INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4°/-4° CAM ADJUSTMENT. BRONZE WASHER
		<b>40520</b>	EXCLUDING ROLLER CAM ENGINES, RACING APPLICATIONS ONLY INCLUDES 3/8" HY-VO TEC CHAIN, CAM SPROCKET WITH LIGHTENING HOLES & 9-MULTIPLE KEYWAY CRANK SPROCKET
	<b>Oil Pump</b>	<b>M-99HV-S</b>	HI VOL PUMP- MORE VOL AND PRESSURE THAN STOCK PUMP. INCLUDES SCREEN.
		<b>10050-700CT</b>	(MELLING PATENT 5,810,571) HI VOLUME 25%. MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE COATINGS. SCREW IN VALVE. OFFSET SCREEN FOR 7." PAN INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME MOLY I/S SHAFT. CIRCLE TRACK RACING.
		<b>10050-750SS</b>	(MELLING PATENT 5,810,571) HI VOLUME 25%. MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE COATINGS. SCREW IN VALVE. SCREEN FOR 7.5" PAN INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME MOLY I/S SHAFT. STREET AND STRIP.
		<b>10050-825SS</b>	(MELLING PATENT 5,810,571) HI VOLUME 25%. MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE COATINGS. SCREW IN VALVE. SCREEN FOR 8.25" PAN INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME MOLY I/S SHAFT. STREET AND STRIP.
		<b>10055-700CT</b>	(MELLING PATENT 5,810,571) STANDARD VOLUME. MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE COATINGS. SCREW IN VALVE. OFFSET SCREEN FOR 7." PAN INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME MOLY I/S SHAFT. CIRCLE TRACK RACING.
		<b>10055-750SS</b>	(MELLING PATENT 5,810,571) STANDARD VOLUME. MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE COATINGS. SCREW IN VALVE. SCREEN FOR 7.5" PAN INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME MOLY I/S SHAFT. STREET AND STRIP.
	<i>Continued on Next Page</i>		

**PERFORMANCE - CHEVROLET CARS & TRUCKS (Continued)**

Line No.	Part Title	Part No.	Description
<b>5</b>	<b>262 ENG - 1975-76 - 8 Cyl. - 3.671 Bore</b>		
	<b>Oil Pump</b>	<b>10055-825SS</b>	(MELLING PATENT 5,810,571) STANDARD VOLUME. MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE COATINGS. SCREW IN VALVE. SCREEN FOR 7.5" PAN INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME MOLY I/S SHAFT. STREET AND STRIP.
		<b>10550</b>	EXC CHEVY II - HI VOL PUMP (25% ADDL VOL OF OIL) - FEATURES: STEEL GEARS; INCLUDES I/S SHAFT W/ STEEL GUIDE. USES 5/8" DIAMETER SCREEN.
		<b>10551</b>	EXC CHEVY II - 19MM INLET HI VOL PUMP (25% ADDL VOL OF OIL) - FEATURES: STEEL GEARS; INCLUDES I/S SHAFT W/STEEL GUIDE. USES 3/4" DIAMETER SCREEN.
		<b>10552</b>	(MELLING PATENT 5,810,571) HI VOL PUMP (10% ADDL VOL OF OIL) - FEATURES: STEEL GEARS; SHAFTS EXTENDED INTO COVER FOR SUPPORT. RELIEF VALVE SPRING HAS SCREW IN PLUG. INCLUDES [12550] CHROME MOLY INTERMEDIATE SHAFT WITH STEEL GUIDE. EITHER A BOLT ON OR PRESS IN SCREEN CAN BE USED WITH THIS PUMP.
		<b>10552C</b>	RACING APPLICATIONS ONLY. (MELLING PATENT 5,810,571) HI VOL PUMP (10% ADDL VOL OF OIL) FEATURES: STEEL GEARS; SHAFTS EXTENDED INTO COVER FOR SUPPORT. RELIEF VALVE SPRING HAS SCREW IN PLUG. INCLUDES [12550] CHROME MOLY INTERMEDIATE SHAFT WITH STEEL GUIDE. HAS ANTI-ANTI-CAVITATION GROOVES. EITHER A BOLT ON OR PRESS IN SCREEN CAN BE USED WITH THIS PUMP.
		<b>10553</b>	FEATURES STEEL GEARS; STANDARD VOLUME VERSION OF THE 10550 PUMP.
		<b>10554</b>	FEATURES STEEL GEARS; STANDARD VOLUME VERSION OF THE 10551 PUMP.
		<b>10555</b>	(MELLING PATENT 5,810,571) HI VOL PUMP (25% ADDL VOL OF OIL) FEATURES: STEEL GEARS; SHAFTS EXTENDED INTO COVER FOR SUPPORT. RELIEF VALVE SPRING HAS SCREW IN PLUG. INCLUDES [12550] CHROME MOLY INTERMEDIATE SHAFT WITH STEEL GUIDE. EITHER A BOLT ON OR PRESS IN SCREEN CAN BE USED WITH THIS PUMP.
		<b>10555C</b>	RACING APPLICATIONS ONLY. (MELLING PATENT 5,810,571) HI VOL PUMP (25% ADDL VOL OF OIL) FEATURES: STEEL GEARS; SHAFTS EXTENDED INTO COVER FOR SUPPORT. RELIEF VALVE SPRING HAS SCREW IN PLUG. INCLUDES [12550] CHROME MOLY INTERMEDIATE SHAFT WITH STEEL GUIDE. HAS ANTI-CAVITATION GROOVES. EITHER A BOLT ON OR PRESS IN SCREEN CAN BE USED WITH THIS PUMP.
	<i>Continued on Next Page</i>		

**PERFORMANCE - CHEVROLET CARS & TRUCKS (Continued)**

Line No.	Part Title	Part No.	Description				
<b>5</b>	<b>262 ENG - 1975-76 - 8 Cyl. - 3.671 Bore</b>						
	<b>Oil Pump</b>	<b>10990</b>	(MELLING PATENT 5,810,571) HI VOLUME PUMP (25% ADDL VOLUME) FEATURES: SHAFTS EXTENDED INTO COVER FOR SUPPORT. RELIEF VALVE HAS SCREW IN PLUG. INCLUDES [12550] CHROME MOLY INTERMEDIATE SHAFT WITH STEEL GUIDE. INCLUDES STOCK SPRING.				
		<b>10990C</b>	RACING APPLICATIONS ONLY. (MELLING PATENT 5,810,571) HI VOL PUMP (25% ADDL VOL OF OIL) FEATURES: SHAFTS EXTENDED INTO COVER FOR SUPPORT. RELIEF VALVE HAS SCREW IN PLUG. INCLUDES [12550] CHROME MOLY INTERMEDIATE SHAFT WITH STEEL GUIDE. HAS ANTI-CAVITATION GROOVES.				
	<b>Oil Pump Screen</b>	<b>12557</b>	BOLT ON SCREEN. USE W/7" DEEP STOCK TYPE PAN. NOTE: CLEARANCE BETWEEN THE BOLTS AND HOLES ALLOWS 3/16 TO 1/4" ADJUSTMENT UP OR DOWN TO CUSTOM FIT YOUR APPLICATION. BOLT ON SCREEN FOR 10555 PUMP.				
		<b>12558</b>	BOLT ON SCREEN. USE WITH 7 1/2" DEEP STOCK TYPE PAN. NOTE: CLEARANCE BETWEEN THE BOLTS AND HOLES ALLOWS 3/16 TO 1/4" ADJUSTMENT UP OR DOWN TO CUSTOM FIT YOUR APPLICATION.				
		<b>12559</b>	BOLT ON SCREEN. USE WITH 8" DEEP STOCK TYPE PAN. NOTE: CLEARANCE BETWEEN THE BOLTS AND HOLES ALLOWS 3/16 TO 1/4" ADJUSTMENT UP OR DOWN TO CUSTOM FIT YOUR APPLICATION.				
		<b>12564</b>	BOLT ON SCREEN. USE WITH 7" DEEP OVAL TRACK PAN. NOTE: MESH IS TO THE RIGHT. NOTE: CLEARANCE BETWEEN THE BOLTS AND THE HOLES ALLOWS 3/16" TO 1/4" ADJUSTMENT UP OR DOWN TO CUSTOM FIT YOUR APPLICATION.				
		<b>12566</b>	BOLT ON SCREEN. USE WITH 7 1/2" DEEP OVAL TRACK PAN. NOTE: MESH IS TO THE RIGHT. NOTE: CLEARANCE BETWEEN THE BOLTS AND THE HOLES ALLOWS 3/16" TO 1/4" ADJUSTMENT UP OR DOWN TO CUSTOM FIT YOUR APPLICATION.				
	<b>Oil Pump Drive Shaft</b>	<b>12550</b>	PERFORMANCE TYPE INTERMEDIATE SHAFT. HIGH STRENGTH (150,000 PSI) CHROME MOLY STEEL. IMPROVED SHAFT RETAINER WHICH LOCKS ONTO THE OIL PUMP DRIVE SHAFT				
<b>6</b>	<b>262 ENG - 1985-03 - V6 - 4.0 Bore</b>						
	<b>Camshafts Using Hydraulic Flat Tappet Lifters</b>		Degrees	Degrees	Inches	Degrees	Degrees
			.050" dur	ADV. Dur	Valve lift	Lobe cntr.	Separation
	EXC ROLLER LIFTERS. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE IDLE-4500.	<b>22113</b>	Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
			194 204	270 278	.398 .421	104 104	104
	<i>Continued on Next Page</i>						

**PERFORMANCE - CHEVROLET CARS & TRUCKS (Continued)**

Line No.	Part Title	Part No.	Description				
<b>6</b>	<b>262 ENG - 1985-03 - V6 - 4.0 Bore</b>						
	<b>Camshafts Using Hydraulic Roller Lifters</b>  1987-1994 CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1500-5000.	<b>22128</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
			Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
			210 214	273 277	.478 .487	107 117	112
	<b>Hydraulic Flat Tappet Lifters</b>	<b>298174</b>	USE FACTORY SETTING				
		<b>298184</b>	ANTI-PUMP UP, SET AT ZERO LASH; MUST BE USED W/ ADJUSTABLE VALVE TRAIN				
	<b>Hydraulic Roller Lifters</b>	<b>JB-2079</b>	STOCK TYPE REPLACEMENT LIFTER				
	<b>Valve Locks</b>	<b>476104</b>					
	<b>Valve Spring with Hydraulic Lifters</b>	<b>466354</b>	USE WITH (22113) CAMSHAFT, MACHINING MAY BE REQUIRED				
	<b>Valve Spring Retainers</b>	<b>475184</b>	CHROME MOLY- USE WITH [466354] SPRINGS				
	<b>Chrome Moly Push Rods</b>	<b>500314</b>	EXC. ROLLER CAM. 5/16" DIA. STANDARD LENGTH-HEAT TREATED FOR GUIDE PLATES. MAX. SPRING PRESSURE 350 LBS.				
		<b>500614</b>	EXC. ROLLER CAM. 5/16" DIA. + .100 O/S LENGTH-HEAT TREATED FOR GUIDE PLATES MAX. SPRING PRESSURE 350 LBS.				
		<b>500674</b>	EXC. ROLLER CAM. 3/8" DIA. MAX. SPRING PRESSURE 350 LBS.				
		<b>501004</b>	EXC. ROLLER CAM. 5/16" DIA. STANDARD LENGTH - HEAT TREATED FOR GUIDEPLATES (ONE PIECE CONSTRUCTION) MAX. SPRING PRESSURE 500 LBS.				
		<b>501014</b>	EXC. ROLLER CAM. 5/16" DIA. + .100 O/S LENGTH - HEAT TREATED FOR GUIDE PLATES (ONE PIECE CONSTRUCTION)				
		<b>501024</b>	EXC. ROLLER CAM. 5/16" DIA. + .150 O/S LENGTH - HEAT TREATED FOR GUIDE PLATES. (ONE PIECE CONSTRUCTION)				
		<b>501034</b>	EXC. ROLLER CAM. 5/16" DIA. + .200 O/S LENGTH - HEAT TREATED FOR GUIDE PLATES. (ONE PIECE CONSTRUCTION)				
	<b>Gear Drive Set</b>	<b>48400</b>	1985-1986 NOISY - INCLUDES 8620 CARBURIZED STEEL GEARS, ROLLER CAM BUTTON, LOCK PLATE AND BOLTS. ADJUSTED W/5 OPTIONAL COLOR CODED DOWEL PIN HOLE INSERTS. RECOMMENDED FOR STREET AND STRIP, CLAIMER AND RACING ENGINES UP TO 6,500 RPM. INCLUDES TRUCKS VIN CODES N,Z.				
		<b>48400Q</b>	1985-1986 QUIET - INCLUDES 8620 CARBURIZED STEEL GEARS, ROLLER CAM BUTTON, LOCK PLATE AND BOLTS. ADJUSTED W/5 OPTIONAL COLOR CODED DOWEL PIN HOLE INSERTS. RECOMMENDED FOR STREET AND STRIP, CLAIMER AND RACING ENGINES UP TO 6,500 RPM. INCLUDES TRUCKS VIN CODES N,Z				
		<b>48450</b>	1987-1993 INCLUDES 8620 CARBURIZED STEEL GEARS, ROLLER CAMBUTTON, LOCK PLATE AND BOLTS, ADJUSTED W/5 COLOR CODED DOWEL PIN HOLE INSERTS. RECOMMENDED FOR STREET AND STRIP, CLAIMER AND RACING ENGINES UP TO 6,500 RPM. INCLUDES TRUCKS VIN CODES B,Z				
	<i>Continued on Next Page</i>						

**PERFORMANCE - CHEVROLET CARS & TRUCKS (Continued)**

Line No.	Part Title	Part No.	Description
<b>6</b>	<b>262 ENG - 1985-03 - V6 - 4.0 Bore</b>		
	<b>3pc Set</b>	<b>40201</b>	1985-1985 EXC STOCK ROLLER CAM ENGS. INCLUDES TRUCKS INCLUDES DOUBLE ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET.
		<b>40400</b>	EXC STOCK ROLLER CAM ENGS. INCLUDES TRUCKS NON RACING APPLICATIONS ONLY INCLUDES DOUBLE SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET
		<b>48500T-9</b>	1985-1993 CARS ONLY VIN CODE Z. RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD AND CLAIMER ENGINES. INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4°/-4° CAM ADJUSTMENT. PRESS FIT ROLLER THRUST BEARINGS.
		<b>48500T-9</b>	1985-1986 TRUCKS ONLY VIN CODES N,Z. RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD AND CLAIMER ENGINES. INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4°/-4° CAM ADJUSTMENT. PRESS FIT ROLLER THRUST BEARINGS.
		<b>48500W-9</b>	1985-1986 TRUCKS ONLY VIN CODES N,Z. RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD AND CLAIMER ENGINES. INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4°/-4° CAM ADJUSTMENT. BRONZE WASHER
		<b>48500W-9</b>	1985-1993 CARS ONLY VIN CODE Z. RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD AND CLAIMER ENGINES. INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4°/-4° CAM ADJUSTMENT. BRONZE WASHER
		<b>40520</b>	EXC. ROLLER CAM - INCLUDES TRUCKS RACING APPLICATIONS ONLY INCLUDES 3/8" HY-VO TEC CHAIN, CAM SPROCKET WITH LIGHTENING HOLES & 9-MULTIPLE KEYWAY CRANK SPROCKET
	<b>Oil Pump</b>	<b>M-99HV-S</b>	MAY REQUIRE CUTTING PAN BAFFLES. HI VOL PUMP- MORE VOL AND PRESSURE THAN STOCK PUMP. INCLUDES SCREEN.
		<b>10550</b>	HI VOL PUMP (25% ADDL VOL OF OIL) - FEATURES: STEEL GEARS; INCLUDES I/S SHAFT W/STEEL GUIDE. USES 5/8" DIAMETER SCREEN.
		<b>10551</b>	HI VOL PUMP (25% ADDL VOL OF OIL) - FEATURES: STEEL GEARS; INCLUDES I/S SHAFT W/STEEL GUIDE. USES 3/4" DIAMETER SCREEN.
	<b>Oil Pump Drive Shaft</b>	<b>12550</b>	PERFORMANCE TYPE INTERMEDIATE SHAFT. HIGH STRENGTH (150,000 PSI) CHROME MOLY STEEL. IMPROVED SHAFT RETAINER WHICH LOCKS ONTO THE OIL PUMP DRIVE SHAFT

**PERFORMANCE - CHEVROLET CARS & TRUCKS (Continued)**

Line No.	Part Title	Part No.	Description				
<b>7</b>	<b>265 ENG - 1955-57 - 8 Cyl. - 3.75 Bore</b>						
	Mell Lube	M-10012	ENGINE ASSEMBLY LUBRICANT				
	3pc Set	48500T-9	RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD AND CLAIMER ENGINES. INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4°/-4° CAM ADJUSTMENT. PRESS FIT ROLLER THRUST BEARINGS.				
		48500W-9	RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD AND CLAIMER ENGINES. INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4°/-4° CAM ADJUSTMENT. BRONZE WASHER				
<b>8</b>	<b>267 ENG - 1979-82 - 8 Cyl. - 3.50 Bore</b>						
	<b>Torque Camshaft</b>	<b>MTC-1</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
	HYD. IMPROVES LOW-MID. PERF. CHECK FOR COIL BIND. USE [VS-380] SPRING W/ INSTALLED HGT. OF 1.72. USE ONLY WITH CARBURETTED ENGINES. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1000-4500.		Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
			204 214	278 288	.421 .444	107 117	112
	<b>Camshafts Using Mechanical Flat Tappet Lifters</b>	<b>22400</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
	OEM #3927140 CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3700-7300.		Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
			257 270	304 320	.494 .512	108 116	112
	CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2700-6200.	<b>22402</b>	240 250	282 290	.521 .521	104 108	106
	CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3700-7300.	<b>22404</b>	258 266	290 298	.538 .556	99 111	105
	OEM # 3849346 CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3600-7200.	<b>22410</b>	254 254	294 294	.484 .484	110 118	114
	OEM # 3965754 CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3600-7200.	<b>22450</b>	262 273	309 318	.512 .536	108 116	112
	<i>Continued on Next Page</i>						

**PERFORMANCE - CHEVROLET CARS & TRUCKS (Continued)**

Line No.	Part Title	Part No.	Description				
<b>8</b>	<b>267 ENG - 1979-82 - 8 Cyl. - 3.50 Bore</b>						
	<b>Camshafts Using Hydraulic Flat Tappet Lifters</b>  CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2100-5600.	<b>C-400-P</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
			Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
			223 223	290 290	.447 .447	110 118	114
	USE ONLY IN 1987 & OLDER S.B. CHEVY ENG EQUIPPED WITH CARBURETTED 267-350 CID V8. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATBLE. POWER RANGE 1000-4500.	<b>22107</b>	208 208	280 280	.408 .408	107 113	110
	USE ONLY IN 1987 & OLDER S.B. CHEVY ENG EQUIPPED WITH CARBURETTED 267-350 CID V8. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE IDLE-4000.	<b>22108</b>	184 194	260 270	.367 .398	104 104	104
	USE ONLY IN 1987 & OLDER S.B. CHEVY ENG EQUIPPED WITH CARBURETTED 267-350 CID V8. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE IDLE-4000.	<b>22109</b>	194 204	270 278	.398 .421	104 104	104
	USE ONLY IN 1987 & OLDER S.B. CHEVY ENG EQUIPPED WITH CARBURETTED 267-350 CID V8. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1000-4500.	<b>22110</b>	204 214	278 288	.421 .443	110 110	110
	USE ONLY IN 1987 & OLDER S.B. CHEVY ENG EQUIPPED WITH CARBURETTED 267-350 CID V8. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1400-4900.	<b>22114</b>	208 208	280 280	.420 .420	106 116	111
	USE ONLY IN 1987 & OLDER S.B. CHEVY ENG EQUIPPED WITH CARBURETTED 267-350 CID V8. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1500-5000.	<b>22115</b>	209 216	283 286	.435 .455	107 117	112
	<i>Continued on Next Page</i>						



**PERFORMANCE - CHEVROLET CARS & TRUCKS (Continued)**

Line No.	Part Title	Part No.	Description				
<b>8</b>	<b>267 ENG - 1979-82 - 8 Cyl. - 3.50 Bore</b>						
	<b>Camshafts Using Hydraulic Flat Tappet Lifters</b>	<b>22126</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
			Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
	USE ONLY IN 1987 & OLDER S.B. CHEVY ENG EQUIPPED WITH CARBURETTED 267-350 CID V8. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1250-4750.		194 214	268 288	.398 .441	107 117	112
	OEM# 3863151. CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2100-5600.	<b>22200</b>	223 223	290 290	.447 .447	110 118	114
	USE ONLY IN 1987 & OLDER S.B. CHEVY ENG EQUIPPED WITH CARBURETTED 267-350 CID V8. CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5200.	<b>22203</b>	214 224	288 298	.444 .466	107 117	112
	OEM# 3896962 CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2200-5800.	<b>22210</b>	224 224	291 287	.450 .460	114 114	114
	USE ONLY IN 1987 & OLDER S.B. CHEVY ENG EQUIPPED WITH CARBURETTED 267-350 CID V8. CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5200.	<b>22213</b>	214 214	287 287	.444 .444	107 117	112
	USE ONLY IN 1987 & OLDER S.B. CHEVY ENG EQUIPPED WITH CARBURETTED 267-350 CID V8. CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2000-5000.	<b>22215</b>	218 218	295 295	.429 .429	108 112	110
	CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5300.	<b>22230</b>	214 214	287 287	.444 .444	105 115	110
	CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2000-5700.	<b>22232</b>	220 231	304 287	.468 .480	106 114	110
	CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2200-5800.	<b>22233</b>	224 224	300 300	.436 .436	107 109	108
	<i>Continued on Next Page</i>						

**PERFORMANCE - CHEVROLET CARS & TRUCKS (Continued)**

Line No.	Part Title	Part No.	Description				
<b>8</b>	<b>267 ENG - 1979-82 - 8 Cyl. - 3.50 Bore</b>						
	<b>Camshafts Using Hydraulic Flat Tappet Lifters</b>		Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
			Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
	CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2000-5500.	<b>22234</b>	224 230	283 291	.480 .486	107 113	110
	CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2200-5700.	<b>22235</b>	224 224	224 224	.465 .465	112 112	112
	CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2500-6000.	<b>22301</b>	232 232	288 288	.480 .480	106 110	108
	CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2200-5700.	<b>22303</b>	224 234	298 304	.466 .488	107 117	112
	CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2700-6200.	<b>22305</b>	234 244	303 313	.488 .508	107 117	112
	CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2500-6000.	<b>22320</b>	230 230	304 304	.453 .453	112 116	114
	CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3300-6700.	<b>22401</b>	244 254	313 328	.508 .533	107 117	112
	CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3300-6800.	<b>22460</b>	246 246	302 302	.508 .508	106 112	109
	<b>Camshafts Using Hydraulic Retro-fit Roller Lifters</b>		Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
			Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
	FOR USE WITH RETRO-FIT ROLLER LIFTER [SB817RF16]; CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1000-4500	<b>22135</b>	206 214	265 274	.470 .490	108 116	112
	FOR USE WITH RETRO-FIT ROLLER LIFTER [SB817RF16]; CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1500-5000	<b>22136</b>	215 230	284 310	.470 .480	106 114	110
	<i>Continued on Next Page</i>						

**PERFORMANCE - CHEVROLET CARS & TRUCKS (Continued)**

Line No.	Part Title	Part No.	Description				
<b>8</b>	<b>267 ENG - 1979-82 - 8 Cyl. - 3.50 Bore</b>						
	<b>Camshafts Using Hydraulic Retro-fit Roller Lifters</b>	<b>22237</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
			Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
	FOR USE WITH RETRO-FIT ROLLER LIFTER [SB817RF16]; CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5200		215 224	284 296	.470 .490	108 116	112
	FOR USE WITH RETRO-FIT ROLLER LIFTER [SB817RF16]; CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5300	<b>22238</b>	215 215	284 284	.470 .470	106 114	110
	FOR USE WITH RETRO-FIT ROLLER LIFTER [SB817RF16];.	<b>22398</b>	234 238	296 300	.538 .546	107 117	112
	<b>Mell Lube</b>	<b>M-10012</b>	ENGINE ASSEMBLY LUBRICANT				
	<b>Torque Cam Lifter Kit</b>	<b>CL-MTC-1</b>	CLASS I HYD. NOT COMPUTER COMPATIBLE. IMPROVES LOW-MID. PERF. USE (VS-380). USE ONLY WITH CARBURETTED ENGINES. NOT CALIFORNIA COMPLIANT. KIT INCLUDES 1-[MTC-1] CAM, 16-[JB-817] LIFTERS & 4OZ MELL LUBE. CHECK FOR COIL BIND. USE [VS-380] SPRING W/INSTALLED HGT. OF 1.72				
	<b>Mechanical Flat Tappet Lifters</b>	<b>JB-992</b>	STOCK TYPE REPLACEMENT LIFTER, SPECIAL DESIGNED METERING SYSTEM				
	<b>Hydraulic Flat Tappet Lifters</b>	<b>298174</b>	USE FACTORY SETTING				
		<b>298184</b>	ANTI-PUMP UP, SET AT ZERO LASH; MUST BE USED W/ ADJUSTABLE VALVE TRAIN				
	<b>Hydraulic Roller Lifters</b>	<b>JB-2079</b>	STOCK TYPE REPLACEMENT LIFTER				
	<b>Hydraulic Retro-fit Roller Lifters</b>	<b>SB817RF16</b>	RETRO-FIT LIFTER FOR USE W/ RETRO-FIT ROLLER CAMSHAFTS [22135], [22136], [22237], [22238], [22398]				
	<b>Valve Locks</b>	<b>476104</b>	11/32" STEM				
	<b>Valve Spring with Mechanical Lifters</b>	<b>466114</b>	OUTER- USE WITH [22410], [22415], [22400] & [22450] CAMS- MACHINING MAY BE REQUIRED 1.430 O.D.				
		<b>466274</b>	INNER- USE WITH [22410], [22400] & [22450] CAMS- MACHINING MAY BE REQUIRED 1.080 O.D.				
		<b>466364</b>	1.260 O.D.				
	<b>Valve Spring with Hydraulic Lifters</b>	<b>VS-380</b>	STOCK REPLACEMENT. USE WITH [MTC-1], [22107], [22108], [22109], [22114] & [22215] CAMS- NOTE: ASM. HEIGHT OF 1.72 (MACHINING MAY BE REQUIRED)				
		<b>VS-739</b>	STOCK REPLACEMENT. USE WITH [22303], [22305] & [22401] CAMS- NOTE: ASM HEIGHT OF 1.72- MACHINING MAY BE REQUIRED CHROME VANADIUM				
		<b>466204</b>	USE WITH [22303], [22305] & [22401] CAMS- NOTE: ASM HEIGHT OF 1.72- MACHINING MAY BE REQUIRED				
		<b>466354</b>	USE WITH [MTC-1], (22110), (22115), (22200), (22210), (22213), (22203), (22320), (22301) CAMSHAFTS. NOTE: ASM HEIGHT OF 1.72 - MACHINING MAY BE REQUIRED.				
	<b>Valve Spring Retainers</b>	<b>475074</b>	CHROME MOLY- USE WITH [46611] SPRINGS				
		<b>475184</b>	CHROME MOLY- USE WITH [466204] & [466354] SPRINGS				
	<b>Rocker Arms</b>	<b>498404</b>	LONG SLOT				
	<b>Rocker Arm Stud</b>	<b>MRDS-2920</b>	2.325 OVERALL LENGTH, 3/8" DIAMETER WITH HEX NUT				
	<i>Continued on Next Page</i>						

**PERFORMANCE - CHEVROLET CARS & TRUCKS (Continued)**

Line No.	Part Title	Part No.	Description
<b>8</b>	<b>267 ENG - 1979-82 - 8 Cyl. - 3.50 Bore</b>		
	<b>Rocker Arm Stud</b>	<b>MRDS-941</b>	2.560 OVERALL LENGTH, 7/16" DIAMETER WITH HEX NUT
	<b>Chrome Moly Push Rods</b>	<b>500314</b>	5/16 DIA. STANDARD LENGTH HEAT TREATED FOR GUIDE PLATES- EXC. ROLLER 5/16" DIA. STANDARD LENGTH- HEAT TREATED FOR GUIDE PLATES. MAX. SPRING PRESSURE 350 LBS.
		<b>500614</b>	EXC. ROLLER 5/16" DIA. + .100 O/S LENGTH-HEAT TREATED FOR GUIDE PLATES MAX. SPRING PRESSURE 350 LBS.
		<b>500674</b>	EXC. ROLLER 3/8" DIA. MAX. SPRING PRESSURE 350 LBS.
		<b>501004</b>	EXC. ROLLER 5/16" DIA. STANDARD LENGTH - HEAT TREATED FOR GUIDEPLATES (ONE PIECE CONSTRUCTION) MAX. SPRING PRESSURE 500 LBS.
		<b>501014</b>	EXC. ROLLER 5/16" DIA. + .100 O/S LENGTH - HEAT TREATED FOR GUIDE PLATES (ONE PIECE CONSTRUCTION)
		<b>501024</b>	EXC. ROLLER 5/16" DIA. + .150 O/S LENGTH - HEAT TREATED FOR GUIDE PLATES. (ONE PIECE CONSTRUCTION)
		<b>501034</b>	EXC. ROLLER 5/16" DIA. + .200 O/S LENGTH - HEAT TREATED FOR GUIDE PLATES. (ONE PIECE CONSTRUCTION)
	<b>Guide Plates</b>	<b>MGP1004</b>	5/16" THICK-MUST BE USED WITH SCREW-IN ROCKER ARM STUDS. (FLAT)
		<b>MGP1014</b>	3/8" THICK-MUST BE USED WITH SCREW-IN ROCKER ARM STUDS. (FLAT)
		<b>MGP1024</b>	3/8" THICK- MUST BE USED WITH SCREW-IN ROCKER ARM STUDS. (RAISED)
		<b>MGP1034</b>	5/16" THICK- MUST BE USED WITH SCREW-IN ROCKER ARM STUDS. (RAISED)
	<b>Gear Drive Set</b>	<b>48400</b>	NOISY - INCLUDES 8620 CARBURIZED STEEL GEARS, ROLLER CAM BUTTON, LOCK PLATE AND BOLTS. TIMING ADJUSTED WITH 5 OPTIONAL COLOR CODED DOWEL PIN HOLE INSERTS. RECOMMENDED FOR STREET AND STRIP, CLAIMER AND RACING ENGINES UP TO 6,500 RPM.
		<b>48400Q</b>	QUIET - INCLUDES 8620 CARBURIZED STEEL GEARS, ROLLER CAM BUTTON, LOCK PLATE AND BOLTS. TIMING ADJUSTED WITH 5 OPTIONAL COLOR CODED DOWEL PIN HOLE INSERTS. RECOMMENDED FOR STREET AND STRIP, CLAIMER AND RACING ENGINES UP TO 6,500 RPM.
	<b>3pc Set</b>	<b>40201</b>	EXCLUDING STOCK ROLLER CAM ENGINES INCLUDES DOUBLE ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET.
		<b>40400</b>	EXCLUDING STOCK ROLLER CAM ENGINES INCLUDES DOUBLE SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET
	<i>Continued on Next Page</i>		

**PERFORMANCE - CHEVROLET CARS & TRUCKS (Continued)**

Line No.	Part Title	Part No.	Description
<b>8</b>	<b>267 ENG - 1979-82 - 8 Cyl. - 3.50 Bore</b>		
	3pc Set	40500	EXCLUDING STOCK ROLLER CAM ENGINES INCLUDES SINGLE SEAMLESS SOLID ROLLER CHAIN (.335" ROLLER), CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET.
		48500T-9	RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD AND CLAIMER ENGINES INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4°/-4° CAM ADJUSTMENT. PRESS FIT ROLLER THRUST BEARINGS.
		48500W-9	RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD AND CLAIMER ENGINES. INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4°/-4° CAM ADJUSTMENT. BRONZE WASHER
		40520	EXCLUDING ROLLER CAM ENGINES - RACING APPLICATIONS ONLY INCLUDES 3/8" HY-VO TEC CHAIN, CAM SPROCKET WITH LIGHTENING HOLES & 9-MULTIPLE KEYWAY CRANK SPROCKET
	<b>Oil Pump</b>	<b>M-99HV-S</b>	HI VOL PUMP- MORE VOL AND PRESSURE THAN STOCK PUMP. INCLUDES SCREEN.
		10050-700CT	(MELLING PATENT 5,810,571) HI VOLUME 25%. MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE COATINGS. SCREW IN VALVE. OFFSET SCREEN FOR 7." PAN INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME MOLY I/S SHAFT. CIRCLE TRACK RACING.
		10050-750SS	(MELLING PATENT 5,810,571) HI VOLUME 25%. MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE COATINGS. SCREW IN VALVE. SCREEN FOR 7.5" PAN INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME MOLY I/S SHAFT. STREET AND STRIP.
		10050-825SS	(MELLING PATENT 5,810,571) HI VOLUME 25%. MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE COATINGS. SCREW IN VALVE. SCREEN FOR 8.25" PAN INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME MOLY I/S SHAFT. STREET AND STRIP.
		10055-700CT	(MELLING PATENT 5,810,571) STANDARD VOLUME. MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE COATINGS. SCREW IN VALVE. OFFSET SCREEN FOR 7." PAN INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME MOLY I/S SHAFT. CIRCLE TRACK RACING.
	<i>Continued on Next Page</i>		

**PERFORMANCE - CHEVROLET CARS & TRUCKS (Continued)**

Line No.	Part Title	Part No.	Description
<b>8</b>	<b>267 ENG - 1979-82 - 8 Cyl. - 3.50 Bore</b>		
	<b>Oil Pump</b>	<b>10055-750SS</b>	(MELLING PATENT 5,810,571) STANDARD VOLUME. MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE COATINGS. SCREW IN VALVE. SCREEN FOR 7.5" PAN INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME MOLY I/S SHAFT. STREET AND STRIP.
		<b>10055-825SS</b>	(MELLING PATENT 5,810,571) STANDARD VOLUME. MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE COATINGS. SCREW IN VALVE. SCREEN FOR 7.5" PAN INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME MOLY I/S SHAFT. STREET AND STRIP.
		<b>10550</b>	EXC. CHEVY II HI VOL PUMP (25% ADDL VOL OF OIL) - FEATURES: STEEL GEARS; INCLUDES I/S SHAFT W/ STEEL GUIDE. USES 5/8" DIAMETER SCREEN.
		<b>10551</b>	EXC. CHEVY II - 19MM INLET HI VOL PUMP (25% ADDL VOL OF OIL) - FEATURES: STEEL GEARS; INCLUDES I/ S SHAFT W/STEEL GUIDE. USES 3/4" DIAMETER SCREEN.
		<b>10552</b>	(MELLING PATENT 5,810,571) HI VOL PUMP (10% ADDL VOL OF OIL) - FEATURES: STEEL GEARS; SHAFTS EXTENDED INTO COVER FOR SUPPORT. RELIEF VALVE SPRING HAS SCREW IN PLUG. INCLUDES [12550] CHROME MOLY INTERMEDIATE SHAFT WITH STEEL GUIDE. EITHER A BOLT ON OR PRESS IN SCREEN CAN BE USED WITH THIS PUMP.
		<b>10552C</b>	RACING APPLICATIONS ONLY. (MELLING PATENT 5,810,571) HI VOL PUMP (10% ADDL VOL OF OIL) FEATURES: STEEL GEARS; SHAFTS EXTENDED INTO COVER FOR SUPPORT. REFIEF VALVE SPRING HAS SCREW IN PLUG. INCLUDES [12550] CHROME MOLY INTERMEDIATE SHAFT WITH STEEL GUIDE. HAS ANTI-ANTI-CAVITATION GROOVES. EITHER A BOLT ON OR PRESS IN SCREEN CAN BE USED WITH THIS PUMP.
		<b>10553</b>	FEATURES STEEL GEARS; STANDARD VOLUME VERSION OF THE 10550 PUMP.
		<b>10554</b>	FEATURES STEEL GEARS; STANDARD VOLUME VERSION OF THE 10551 PUMP.
		<b>10555</b>	(MELLING PATENT 5,810,571) HI VOL PUMP (25% ADDL VOL OF OIL) FEATURES: STEEL GEARS; SHAFTS EXTENDED INTO COVER FOR SUPPORT. RELIEF VALVE SPRING HAS SCREW IN PLUG. INCLUDES [12550] CHROME MOLY INTERMEDIATE SHAFT WITH STEEL GUIDE. EITHER A BOLT ON OR PRESS IN SCREEN CAN BE USED WITH THIS PUMP.
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**PERFORMANCE - CHEVROLET CARS & TRUCKS (Continued)**

<b>Line No.</b>	<b>Part Title</b>	<b>Part No.</b>	<b>Description</b>
<b>8</b>	<b>267 ENG - 1979-82 - 8 Cyl. - 3.50 Bore</b>		
	<b>Oil Pump</b>	<b>10555C</b>	RACING APPLICATIONS ONLY. (MELLING PATENT 5,810,571) HI VOL PUMP (25% ADDL VOL OF OIL) FEATURES: STEEL GEARS; SHAFTS EXTENDED INTO COVER FOR SUPPORT. RELIEF VALVE SPRING HAS SCREW IN PLUG. INCLUDES [12550] CHROME MOLY INTERMEDIATE SHAFT WITH STEEL GUIDE. HAS ANTI-CAVITATION GROOVES. EITHER A BOLT ON OR PRESS IN SCREEN CAN BE USED WITH THIS PUMP.
		<b>10990</b>	(MELLING PATENT 5,810,571) HI VOLUME PUMP (25% ADDL VOLUME) FEATURES: SHAFTS EXTENDED INTO COVER FOR SUPPORT. RELIEF VALVE HAS SCREW IN PLUG. INCLUDES [12550] CHROME MOLY INTERMEDIATE SHAFT WITH STEEL GUIDE. INCLUDES STOCK SPRING.
		<b>10990C</b>	RACING APPLICATIONS ONLY. (MELLING PATENT 5,810,571) HI VOL PUMP (25% ADDL VOL OF OIL) FEATURES: SHAFTS EXTENDED INTO COVER FOR SUPPORT. RELIEF VALVE HAS SCREW IN PLUG. INCLUDES [12550] CHROME MOLY INTERMEDIATE SHAFT WITH STEEL GUIDE. HAS ANTI-CAVITATION GROOVES.
	<b>Oil Pump Screen</b>	<b>12557</b>	BOLT ON SCREEN. USE W/7" DEEP STOCK TYPE PAN. NOTE: CLEARANCE BETWEEN THE BOLTS AND HOLES ALLOWS 3/16 TO 1/4" ADJUSTMENT UP OR DOWN TO CUSTOM FIT YOUR APPLICATION. BOLT ON SCREEN FOR 10555 PUMP.
		<b>12558</b>	BOLT ON SCREEN. USE WITH 7 1/2" DEEP STOCK TYPE PAN. NOTE: CLEARANCE BETWEEN THE BOLTS AND HOLES ALLOWS 3/16 TO 1/4" ADJUSTMENT UP OR DOWN TO CUSTOM FIT YOUR APPLICATION.
		<b>12559</b>	BOLT ON SCREEN. USE WITH 8" DEEP STOCK TYPE PAN. NOTE: CLEARANCE BETWEEN THE BOLTS AND HOLES ALLOWS 3/16 TO 1/4" ADJUSTMENT UP OR DOWN TO CUSTOM FIT YOUR APPLICATION.
		<b>12564</b>	BOLT ON SCREEN. USE WITH 7" DEEP OVAL TRACK PAN. NOTE: MESH IS TO THE RIGHT. NOTE: CLEARANCE BETWEEN THE BOLTS AND THE HOLES ALLOWS 3/16" TO 1/4" ADJUSTMENT UP OR DOWN TO CUSTOM FIT YOUR APPLICATION.
		<b>12566</b>	BOLT ON SCREEN. USE WITH 7 1/2" DEEP OVAL TRACK PAN. NOTE: MESH IS TO THE RIGHT. NOTE: CLEARANCE BETWEEN THE BOLTS AND THE HOLES ALLOWS 3/16" TO 1/4" ADJUSTMENT UP OR DOWN TO CUSTOM FIT YOUR APPLICATION.
	<b>Oil Pump Drive Shaft</b>	<b>12550</b>	PERFORMANCE TYPE INTERMEDIATE SHAFT. HIGH STRENGTH (150,000 PSI) CHROME MOLY STEEL. IMPROVED SHAFT RETAINER WHICH LOCKS ONTO THE OIL PUMP DRIVE SHAFT

**PERFORMANCE - CHEVROLET CARS & TRUCKS (Continued)**

Line No.	Part Title	Part No.	Description				
<b>9</b>	<b>283 ENG - 1957-67 - 8 Cyl. - 3 7/8 Bore</b>						
	<b>Torque Camshaft</b>		Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
		<b>MTC-1</b>	Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
	HYD. IMPROVES LOW-MID. PERF. CHECK FOR COIL BIND. USE [VS-380] SPRING W/ INSTALLED HGT. OF 1.72. USE ONLY WITH CARBURETTED ENGINES. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1000-4500.		204 214	278 288	.421 .444	107 117	112
	<b>Camshafts Using Mechanical Flat Tappet Lifters</b>		Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
		<b>22400</b>	Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
	OEM #3927140 CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3700-7300.		257 270	304 320	.494 .512	108 116	112
	CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2700-6200.	<b>22402</b>	240 250	282 290	.521 .521	104 108	106
	CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3700-7300.	<b>22404</b>	258 266	290 298	.538 .556	99 111	105
	OEM #3849346 CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3600-7200.	<b>22410</b>	254 254	294 294	.484 .484	110 118	114
	OEM #3965754. CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3600-7200.	<b>22450</b>	262 273	309 318	.512 .536	108 116	112
	<b>Camshafts Using Hydraulic Flat Tappet Lifters</b>		Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
		<b>C-400-P</b>	Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
	CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2100-5600.		223 223	290 290	.447 .447	110 118	114
	USE ONLY IN 1987 & OLDER S.B. CHEVY ENG EQUIPPED WITH CARBURETTED 267-350 CID V8. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1000-4500.	<b>22107</b>	208 208	280 280	.408 .408	107 113	110
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**PERFORMANCE - CHEVROLET CARS & TRUCKS (Continued)**

Line No.	Part Title	Part No.	Description									
<b>9</b>	<b>283 ENG - 1957-67 - 8 Cyl. - 3 7/8 Bore</b>											
	<b>Camshafts Using Hydraulic Flat Tappet Lifters</b>		Degrees .050" dur		Degrees ADV. Dur		Inches Valve lift		Degrees Lobe cntr.		Degrees Separation	
			Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.			
	USE ONLY IN 1987 & OLDER S.B. CHEVY ENG EQUIPPED WITH CARBURETTED 267-350 CID V8. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE IDLE-4000.	<b>22108</b>	184 194	260 270	.367 .398	104 104	104					
	USE ONLY IN 1987 & OLDER S.B. CHEVY ENG EQUIPPED WITH CARBURETTED 267-350 CID V8. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE IDLE-4000.	<b>22109</b>	194 204	270 278	.398 .421	104 104	104					
	USE ONLY IN 1987 & OLDER S.B. CHEVY ENG EQUIPPED WITH CARBURETTED 267-350 CID V8. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1000-4500.	<b>22110</b>	204 214	278 288	.421 .443	110 110	110					
	USE ONLY IN 1987 & OLDER S.B. CHEVY ENG EQUIPPED WITH CARBURETTED 267-350 CID V8. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1400-4900.	<b>22114</b>	208 208	280 280	.420 .420	106 116	111					
	USE ONLY IN 1987 & OLDER S.B. CHEVY ENG EQUIPPED WITH CARBURETTED 267-350 CID V8. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1500-5000.	<b>22115</b>	209 216	283 286	.435 .455	107 117	112					
	USE ONLY IN 1987 & OLDER S.B. CHEVY ENG EQUIPPED WITH CARBURETTED 267-350 CID V8. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1250-4750.	<b>22126</b>	194 214	268 288	.398 .441	107 117	112					
	OEM# 3863151. CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2100-5600.	<b>22200</b>	223 223	290 290	.447 .447	110 118	114					
	<i>Continued on Next Page</i>											

**PERFORMANCE - CHEVROLET CARS & TRUCKS (Continued)**

Line No.	Part Title	Part No.	Description				
<b>9</b>	<b>283 ENG - 1957-67 - 8 Cyl. - 3 7/8 Bore</b>						
	<b>Camshafts Using Hydraulic Flat Tappet Lifters</b>		Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
			Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
	USE ONLY IN 1987 & OLDER S.B. CHEVY ENG EQUIPPED WITH CARBURETTED 267-350 CID V8. CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5200.	<b>22203</b>	214 224	288 298	.444 .466	107 117	112
	OEM# 3896962 CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2200-5800.	<b>22210</b>	224 224	291 287	.450 .460	114 114	114
	USE ONLY IN 1987 & OLDER S.B. CHEVY ENG EQUIPPED WITH CARBURETTED 267-350 CID V8. CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5200.	<b>22213</b>	214 214	287 287	.444 .444	107 117	112
	USE ONLY IN 1987 & OLDER S.B. CHEVY ENG EQUIPPED WITH CARBURETTED 267-350 CID V8. CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2000-5000.	<b>22215</b>	218 218	295 295	.429 .429	108 112	110
	CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5300.	<b>22230</b>	214 214	287 287	.444 .444	105 115	110
	CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2000-5700.	<b>22232</b>	220 231	304 287	.468 .480	106 114	110
	CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2200-5800.	<b>22233</b>	224 224	300 300	.436 .436	107 109	108
	CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2000-5500.	<b>22234</b>	224 230	283 291	.480 .486	107 113	110
	CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2200-5700.	<b>22235</b>	224 224	224 224	.465 .465	112 112	112
	CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2500-6000.	<b>22301</b>	232 232	288 288	.480 .480	106 110	108
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**PERFORMANCE - CHEVROLET CARS & TRUCKS (Continued)**

<b>Line No.</b>	<b>Part Title</b>	<b>Part No.</b>	<b>Description</b>				
<b>9</b>	<b>283 ENG - 1957-67 - 8 Cyl. - 3 7/8 Bore</b>						
	<b>Camshafts Using Hydraulic Flat Tappet Lifters</b>		Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
			Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
	CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2200-5700.	<b>22303</b>	224 234	298 304	.466 .488	107 117	112
	CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2700-6200.	<b>22305</b>	234 244	303 313	.488 .508	107 117	112
	CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2500-6000.	<b>22320</b>	230 230	304 304	.453 .453	112 116	114
	CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3300-6700.	<b>22401</b>	244 254	313 328	.508 .533	107 117	112
	CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3300-6800.	<b>22460</b>	246 246	302 302	.508 .508	106 112	109
	<b>Camshafts Using Hydraulic Retro-fit Roller Lifters</b>		Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
			Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
	FOR USE WITH RETRO-FIT ROLLER LIFTER [SB817RF16] CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1000-4500	<b>22135</b>	206 214	265 274	.470 .490	108 116	112
	FOR USE WITH RETRO-FIT ROLLER LIFTER [SB817RF16] CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1500-5000	<b>22136</b>	215 230	284 310	.470 .480	106 114	110
	FOR USE WITH RETRO-FIT ROLLER LIFTER [SB817RF16] CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5200	<b>22237</b>	215 224	284 296	.470 .490	108 116	112
	FOR USE WITH RETRO-FIT ROLLER LIFTER [SB817RF16] CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5300	<b>22238</b>	215 215	284 284	.470 .470	106 114	110
	FOR USE WITH RETRO-FIT ROLLER LIFTER [SB817RF16]	<b>22398</b>	234 238	296 300	.538 .546	107 117	112
	<i>Continued on Next Page</i>						

**PERFORMANCE - CHEVROLET CARS & TRUCKS (Continued)**

Line No.	Part Title	Part No.	Description
<b>9</b>	<b>283 ENG - 1957-67 - 8 Cyl. - 3 7/8 Bore</b>		
	<b>Mell Lube</b>	<b>M-10012</b>	ENGINE ASSEMBLY LUBRICANT
	<b>Torque Cam Lifter Kit</b>	<b>CL-MTC-1</b>	CLASS I HYD. NOT COMPUTER COMPATIBLE. IMPROVES LOW-MID PERF. USE (VS-380). USE ONLY WITH CARBURETTED ENGINES. NOT CALIFORNIA COMPLIANT. KIT INCLUDES 1-[MTC-1] CAM, 16-[JB-817] LIFTERS & 4OZ MELL LUBE. CHECK FOR COIL BIND. USE [VS-380] SPRING W/INSTALLED HGT. OF 1.72
	<b>Mechanical Flat Tappet Lifters</b>	<b>JB-992</b>	STOCK TYPE REPLACEMENT LIFTER, SPECIAL DESIGNED METERING SYSTEM
	<b>Hydraulic Flat Tappet Lifters</b>	<b>298174</b>	USE FACTORY SETTING
		<b>298184</b>	ANTI-PUMP UP, SET AT ZERO LASH; MUST BE USED W/ ADJUSTABLE VALVE TRAIN
	<b>Hydraulic Roller Lifters</b>	<b>JB-2079</b>	STOCK TYPE REPLACEMENT LIFTER
	<b>Hydraulic Retro-fit Roller Lifters</b>	<b>SB817RF16</b>	RETRO-FIT LIFTER FOR USE W/ RETRO-FIT ROLLER CAMSHAFTS [22135], [22136], [22237], [22238], [22398]
	<b>Valve Locks</b>	<b>476104</b>	HARDENED 11/32" STEM
	<b>Valve Spring with Mechanical Lifters</b>	<b>466114</b>	OUTER- USE WITH [22410], [22415], [22400] & [22450] CAMS- MACHINING MAY BE REQUIRED 1.430 O.D.
		<b>466274</b>	INNER- USE WITH [22410], [22400] & [22450] CAMS- MACHINING MAY BE REQUIRED 1.080 O.D.
		<b>466364</b>	1.260 O.D.
	<b>Valve Spring with Hydraulic Lifters</b>	<b>VS-380</b>	STOCK REPLACEMENT. USE WITH [MTC-1], [22111], [22107], [22108], [22109], [22114] & [22215] CAMS- NOTE: ASM. HEIGHT OF 1.72 (MACHINING MAY BE REQUIRED)
		<b>VS-739</b>	STOCK REPLACEMENT. USE WITH [22303], [22305] & [22401] CAMS - NOTE: ASM HEIGHT OF 1.72-MACHINING MAY BE REQUIRED. CHROME VANADIUM
		<b>466204</b>	USE WITH [22303], [22305] & [22401] CAMS - NOTE: ASM HEIGHT OF 1.72-MACHINING MAY BE REQUIRED.
		<b>466354</b>	USE WITH MTC-1, (22110), (22115), (22200), (22210), (22213), (22203), (22320), (22301) CAMSHAFTS. NOTE: ASM HEIGHT OF 1.72 - MACHINING MAY BE REQUIRED.
	<b>Valve Spring Retainers</b>	<b>475074</b>	CHROME MOLY- USE WITH [46611] SPRINGS
		<b>475184</b>	CHROME MOLY- USE WITH [466204] & [466354] SPRINGS
	<b>Rocker Arms</b>	<b>498404</b>	LONG SLOT
	<b>Rocker Arm Stud</b>	<b>MRDS-2920</b>	2.325 OVERALL LENGTH, 3/8" DIAMETER WITH HEX NUT
		<b>MRDS-941</b>	2.560 OVERALL LENGTH, 7/16" DIAMETER WITH HEX NUT
	<b>Chrome Moly Push Rods</b>	<b>500314</b>	EXC. ROLLER 5/16" DIA. STANDARD LENGTH- HEAT TREATED FOR GUIDE PLATES. MAX. SPRING PRESSURE 350 LBS.
		<b>500614</b>	EXC. ROLLER 5/16" DIA. + .100 O/S LENGTH-HEAT TREATED FOR GUIDE PLATES MAX. SPRING PRESSURE 350 LBS.
		<b>500674</b>	EXC. ROLLER 3/8" DIA. MAX. SPRING PRESSURE 350 LBS.
		<b>501004</b>	EXC. ROLLER 5/16" DIA. STANDARD LENGTH - HEAT TREATED FOR GUIDEPLATES (ONE PIECE CONSTRUCTION) MAX. SPRING PRESSURE 500 LBS.
		<b>501014</b>	EXC. ROLLER 5/16" DIA. + .100 O/S LENGTH - HEAT TREATED FOR GUIDE PLATES (ONE PIECE CONSTRUCTION)
	<i>Continued on Next Page</i>		

**PERFORMANCE - CHEVROLET CARS & TRUCKS (Continued)**

<b>Line No.</b>	<b>Part Title</b>	<b>Part No.</b>	<b>Description</b>
<b>9</b>	<b>283 ENG - 1957-67 - 8 Cyl. - 3 7/8 Bore</b>		
	<b>Chrome Moly Push Rods</b>	<b>501024</b>	EXC. ROLLER 5/16" DIA. + .150 O/S LENGTH - HEAT TREATED FOR GUIDE PLATES. (ONE PIECE CONSTRUCTION)
		<b>501034</b>	EXC. ROLLER 5/16" DIA. + .200 O/S LENGTH - HEAT TREATED FOR GUIDE PLATES. (ONE PIECE CONSTRUCTION)
	<b>Guide Plates</b>	<b>MGP1004</b>	5/16" THICK-MUST BE USED WITH SCREW-IN ROCKER ARM STUDS. (FLAT)
		<b>MGP1014</b>	3/8" THICK-MUST BE USED WITH SCREW-IN ROCKER ARM STUDS. (FLAT)
		<b>MGP1024</b>	3/8" THICK- MUST BE USED WITH SCREW-IN ROCKER ARM STUDS. (RAISED)
	<b>Gear Drive Set</b>	<b>48400</b>	1959-1967 NOISY - INCLUDES 8620 CARBURIZED STEEL GEARS, ROLLER CAM BUTTON, LOCK PLATE AND BOLTS. TIMING ADJUSTED WITH 5 OPTIONAL COLOR CODED DOWEL PIN HOLE INSERTS. RECOMMENDED FOR STREET AND STRIP, CLAIMER AND RACING ENGINES UP TO 6,500 RPM. TRUCKS ONLY.
		<b>48400</b>	1967-1967 NOISY - INCLUDES 8620 CARBURIZED STEEL GEARS, ROLLER CAM BUTTON, LOCK PLATE AND BOLTS. TIMING ADJUSTED WITH 5 OPTIONAL COLOR CODED DOWEL PIN HOLE INSERTS. RECOMMENDED FOR STREET AND STRIP, CLAIMER AND RACING ENGINES UP TO 6,500 RPM. CAR APPLICATIONS ONLY.
		<b>48400Q</b>	1959-1967 QUIET - INCLUDES 8620 CARBURIZED STEEL GEARS, ROLLER CAM BUTTON, LOCK PLATE AND BOLTS. TIMING ADJUSTED WITH 5 OPTIONAL COLOR CODED DOWEL PIN HOLE INSERTS. RECOMMENDED FOR STREET AND STRIP, CLAIMER AND RACING ENGINES UP TO 6,500 RPM. TRUCKS ONLY.
		<b>48400Q</b>	1967-1967 QUIET - INCLUDES 8620 CARBURIZED STEEL GEARS, ROLLER CAM BUTTON, LOCK PLATE AND BOLTS. TIMING ADJUSTED WITH 5 OPTIONAL COLOR CODED DOWEL PIN HOLE INSERTS. RECOMMENDED FOR STREET AND STRIP, CLAIMER AND RACING ENGINES UP TO 6,500 RPM. CAR APPLICATIONS ONLY.
	<b>3pc Set</b>	<b>40201</b>	1959-1967 EXCLUDING STOCK ROLLER CAM ENGINES. TRUCKS ONLY INCLUDES DOUBLE ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET.
		<b>40201</b>	1967-1967 EXCLUDES STOCK ROLLER CAM ENGINES. CAR APPLICATIONS ONLY. INCLUDES DOUBLE ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET.
		<b>40400</b>	1967-1967 EXCLUDES STOCK ROLLER CAM ENGINES. CAR APPLICATIONS ONLY. INCLUDES DOUBLE SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET
		<b>40400</b>	1959-1967 EXCLUDING STOCK ROLLER CAM ENGINES. TRUCKS ONLY INCLUDES DOUBLE SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET
	<i>Continued on Next Page</i>		

**PERFORMANCE - CHEVROLET CARS & TRUCKS (Continued)**

Line No.	Part Title	Part No.	Description
<b>9</b>	<b>283 ENG - 1957-67 - 8 Cyl. - 3 7/8 Bore</b>		
	<b>3pc Set</b>	<b>40500</b>	1967-1967 EXCLUDES STOCK ROLLER CAM ENGINES. CAR APPLICATIONS ONLY. INCLUDES SINGLE SEAMLESS SOLID ROLLER CHAIN (.335" ROLLER), CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET.
		<b>40500</b>	1959-1967 EXCLUDING STOCK ROLLER CAM ENGINES. TRUCKS ONLY INCLUDES SINGLE SEAMLESS SOLID ROLLER CHAIN (.335" ROLLER), CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET.
		<b>48500T-9</b>	1967-1967 RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD AND CLAIMER ENGINES. CAR APPLICATIONS ONLY. INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4°/-4° CAM ADJUSTMENT. PRESS FIT ROLLER THRUST BEARINGS.
		<b>48500T-9</b>	1959-1967 RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD AND CLAIMER ENGINES. TRUCKS ONLY INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4°/-4° CAM ADJUSTMENT. PRESS FIT ROLLER THRUST BEARINGS.
		<b>48500W-9</b>	1967-1967 RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD AND CLAIMER ENGINES. CAR APPLICATIONS ONLY INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4°/-4° CAM ADJUSTMENT. BRONZE WASHER
		<b>48500W-9</b>	1959-1967 RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD AND CLAIMER ENGINES. TRUCKS ONLY INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4°/-4° CAM ADJUSTMENT. BRONZE WASHER
		<b>40520</b>	1967-1967 RACING APPLICATIONS ONLY. EXCLUDES STOCK ROLLER CAM ENGINES. CAR APPLICATIONS ONLY. INCLUDES 3/8" HY-VO TEC CHAIN, CAM SPROCKET WITH LIGHTENING HOLES & 9-MULTIPLE KEYWAY CRANK SPROCKET
		<b>40520</b>	1959-1967 RACING APPLICATIONS ONLY. EXCLUDING STOCK ROLLER CAM ENGINES. TRUCKS ONLY INCLUDES 3/8" HY-VO TEC CHAIN, CAM SPROCKET WITH LIGHTENING HOLES & 9-MULTIPLE KEYWAY CRANK SPROCKET
	<b>Oil Pump</b>	<b>M-99HV-S</b>	HI VOL PUMP- MORE VOL AND PRESSURE THAN STOCK PUMP. INCLUDES SCREEN.
	<i>Continued on Next Page</i>		

**PERFORMANCE - CHEVROLET CARS & TRUCKS (Continued)**

<b>Line No.</b>	<b>Part Title</b>	<b>Part No.</b>	<b>Description</b>
<b>9</b>	<b>283 ENG - 1957-67 - 8 Cyl. - 3 7/8 Bore</b>		
	<b>Oil Pump</b>	<b>10050-700CT</b>	(MELLING PATENT 5,810,571) HI VOLUME 25%. MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE COATINGS. SCREW IN VALVE. OFFSET SCREEN FOR 7." PAN INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME MOLY I/S SHAFT. CIRCLE TRACK RACING.
		<b>10050-750SS</b>	(MELLING PATENT 5,810,571) HI VOLUME 25%. MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE COATINGS. SCREW IN VALVE. SCREEN FOR 7.5" PAN INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME MOLY I/S SHAFT. STREET AND STRIP.
		<b>10050-825SS</b>	(MELLING PATENT 5,810,571) HI VOLUME 25%. MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE COATINGS. SCREW IN VALVE. SCREEN FOR 8.25" PAN INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME MOLY I/S SHAFT. STREET AND STRIP.
		<b>10055-700CT</b>	(MELLING PATENT 5,810,571) STANDARD VOLUME. MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE COATINGS. SCREW IN VALVE. OFFSET SCREEN FOR 7." PAN INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME MOLY I/S SHAFT. CIRCLE TRACK RACING.
		<b>10055-750SS</b>	(MELLING PATENT 5,810,571) STANDARD VOLUME. MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE COATINGS. SCREW IN VALVE. SCREEN FOR 7.5" PAN INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME MOLY I/S SHAFT. STREET AND STRIP.
		<b>10055-825SS</b>	(MELLING PATENT 5,810,571) STANDARD VOLUME. MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE COATINGS. SCREW IN VALVE. SCREEN FOR 7.5" PAN INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME MOLY I/S SHAFT. STREET AND STRIP.
		<b>10550</b>	EXC. CHEVY II HI VOL PUMP (25% ADDL VOL OF OIL) - FEATURES: STEEL GEARS; INCLUDES I/S SHAFT W/ STEEL GUIDE. USES 5/8" DIAMETER SCREEN.
		<b>10551</b>	EXC. CHEVY II - 19MM INLET HI VOL PUMP (25% ADDL VOL OF OIL) - FEATURES: STEEL GEARS; INCLUDES I/ S SHAFT W/STEEL GUIDE. USES 3/4" DIAMETER SCREEN.
	<i>Continued on Next Page</i>		

**PERFORMANCE - CHEVROLET CARS & TRUCKS (Continued)**

Line No.	Part Title	Part No.	Description
<b>9</b>	<b>283 ENG - 1957-67 - 8 Cyl. - 3 7/8 Bore</b>		
	<b>Oil Pump</b>	<b>10552</b>	(MELLING PATENT 5,810,571) HI VOL PUMP (10% ADDL VOL OF OIL) - FEATURES: STEEL GEARS; SHAFTS EXTENDED INTO COVER FOR SUPPORT. RELIEF VALVE SPRING HAS SCREW IN PLUG. INCLUDES [12550] CHROME MOLY INTERMEDIATE SHAFT WITH STEEL GUIDE. EITHER A BOLT ON OR PRESS IN SCREEN CAN BE USED WITH THIS PUMP.
		<b>10552C</b>	RACING APPLICATIONS ONLY. (MELLING PATENT 5,810,571) HI VOL PUMP (10% ADDL VOL OF OIL) FEATURES: STEEL GEARS; SHAFTS EXTENDED INTO COVER FOR SUPPORT. RELIEF VALVE SPRING HAS SCREW IN PLUG. INCLUDES [12550] CHROME MOLY INTERMEDIATE SHAFT WITH STEEL GUIDE. HAS ANTI-ANTI-CAVITATION GROOVES. EITHER A BOLT ON OR PRESS IN SCREEN CAN BE USED WITH THIS PUMP.
		<b>10553</b>	FEATURES STEEL GEARS; STANDARD VOLUME VERSION OF THE 10550 PUMP.
		<b>10554</b>	FEATURES STEEL GEARS; STANDARD VOLUME VERSION OF THE 10551 PUMP.
		<b>10555</b>	(MELLING PATENT 5,810,571) HI VOL PUMP (25% ADDL VOL OF OIL) FEATURES: STEEL GEARS; SHAFTS EXTENDED INTO COVER FOR SUPPORT. RELIEF VALVE SPRING HAS SCREW IN PLUG. INCLUDES [12550] CHROME MOLY INTERMEDIATE SHAFT WITH STEEL GUIDE. EITHER A BOLT ON OR PRESS IN SCREEN CAN BE USED WITH THIS PUMP.
		<b>10555C</b>	RACING APPLICATIONS ONLY. (MELLING PATENT 5,810,571) HI VOL PUMP (25% ADDL VOL OF OIL) FEATURES: STEEL GEARS; SHAFTS EXTENDED INTO COVER FOR SUPPORT. RELIEF VALVE SPRING HAS SCREW IN PLUG. INCLUDES [12550] CHROME MOLY INTERMEDIATE SHAFT WITH STEEL GUIDE. HAS ANTI-CAVITATION GROOVES. EITHER A BOLT ON OR PRESS IN SCREEN CAN BE USED WITH THIS PUMP.
		<b>10990</b>	(MELLING PATENT 5,810,571) HI VOLUME PUMP (25% ADDL VOLUME) FEATURES: SHAFTS EXTENDED INTO COVER FOR SUPPORT. RELIEF VALVE HAS SCREW IN PLUG. INCLUDES [12550] CHROME MOLY INTERMEDIATE SHAFT WITH STEEL GUIDE. INCLUDES STOCK SPRING.
		<b>10990C</b>	RACING APPLICATIONS ONLY. (MELLING PATENT 5,810,571) HI VOL PUMP (25% ADDL VOL OF OIL) FEATURES: SHAFTS EXTENDED INTO COVER FOR SUPPORT. RELIEF VALVE HAS SCREW IN PLUG. INCLUDES [12550] CHROME MOLY INTERMEDIATE SHAFT WITH STEEL GUIDE. HAS ANTI-CAVITATION GROOVES.
	<b>Oil Pump Screen</b>	<b>12557</b>	BOLT ON SCREEN. USE W/7" DEEP STOCK TYPE PAN. NOTE: CLEARANCE BETWEEN THE BOLTS AND HOLES ALLOWS 3/16 TO 1/4" ADJUSTMENT UP OR DOWN TO CUSTOM FIT YOUR APPLICATION. BOLT ON SCREEN FOR 10555 PUMP.
	<i>Continued on Next Page</i>		



**PERFORMANCE - CHEVROLET CARS & TRUCKS (Continued)**

Line No.	Part Title	Part No.	Description				
<b>9</b>	<b>283 ENG - 1957-67 - 8 Cyl. - 3 7/8 Bore</b>						
	Oil Pump Screen	12558	BOLT ON SCREEN. USE WITH 7 1/2" DEEP STOCK TYPE PAN. NOTE: CLEARANCE BETWEEN THE BOLTS AND HOLES ALLOWS 3/16 TO 1/4" ADJUSTMENT UP OR DOWN TO CUSTOM FIT YOUR APPLICATION.				
		12559	BOLT ON SCREEN. USE WITH 8" DEEP STOCK TYPE PAN. NOTE: CLEARANCE BETWEEN THE BOLTS AND HOLES ALLOWS 3/16 TO 1/4" ADJUSTMENT UP OR DOWN TO CUSTOM FIT YOUR APPLICATION.				
		12564	BOLT ON SCREEN. USE WITH 7" DEEP OVAL TRACK PAN. NOTE: MESH IS TO THE RIGHT. NOTE: CLEARANCE BETWEEN THE BOLTS AND THE HOLES ALLOWS 3/16" TO 1/4" ADJUSTMENT UP OR DOWN TO CUSTOM FIT YOUR APPLICATION.				
		12566	BOLT ON SCREEN. USE WITH 7 1/2" DEEP OVAL TRACK PAN. NOTE: MESH IS TO THE RIGHT. NOTE: CLEARANCE BETWEEN THE BOLTS AND THE HOLES ALLOWS 3/16" TO 1/4" ADJUSTMENT UP OR DOWN TO CUSTOM FIT YOUR APPLICATION.				
	Oil Pump Drive Shaft	12550	PERFORMANCE TYPE INTERMEDIATE SHAFT. HIGH STRENGTH (150,000 PSI) CHROME MOLY STEEL. IMPROVED SHAFT RETAINER WHICH LOCKS ONTO THE OIL PUMP DRIVE SHAFT				
<b>10</b>	<b>292 ENG - 1964-72 - V6</b>						
	Camshafts Using Mechanical Flat Tappet Lifters		Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
	FULL RACE CAM.	CCR-9	Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	0
	Mell Lube	M-10012	ENGINE ASSEMBLY LUBRICANT				
		M-10012	ENGINE ASSEMBLY LUBRICANT				
<b>11</b>	<b>4.8-C,V (293) ENG - 1999-09 - 8 Cyl. - 3.78 Bore</b>						
	Oil Pump	10295	1999-2008 STANDARD VOLUME. HI PRESSURE 10%. PROTECTIVE COATING. SCREW IN VALVE. USES 7/8" BOLT ON SCREEN.				
		10296	1999-2008 HI VOLUME 18%. PROTECTIVE COATING. SCREW IN VALVE. USES 7/8" BOLT ON SCREEN. INCLUDES OPTIONAL HI PRESSURE SPRING.				
<b>12</b>	<b>302 ENG - 1967-69 - 8 Cyl. 4.00 Bore</b>						
	Torque Camshaft		Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
	HYD. IMPROVES LOW-MID. PERF. CHECK FOR COIL BIND. USE [VS-380] SPRING W/ INSTALLED HGT. OF 1.72. USE ONLY WITH CARBURETTED ENGINES. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1000-4500.	MTC-1	Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	112
			204 214	278 288	.421 .444	107 117	
	<i>Continued on Next Page</i>						

**PERFORMANCE - CHEVROLET CARS & TRUCKS (Continued)**

Line No.	Part Title	Part No.	Description				
<b>12</b>	<b>302 ENG - 1967-69 - 8 Cyl. 4.00 Bore</b>						
	<b>Camshafts Using Mechanical Flat Tappet Lifters</b>	<b>22400</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
			Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
	OEM #3927140 CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3700-7300.		257 270	304 320	.494 .512	108 116	112
	CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2700-6200.	<b>22402</b>	240 250	282 290	.521 .521	104 108	106
	CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3700-7300.	<b>22404</b>	258 266	290 298	.538 .556	99 111	105
	OEM # 3849346 CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3600-7200.	<b>22410</b>	254 254	294 294	.484 .484	110 118	114
	OEM # 3965754 CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3600-7200.	<b>22450</b>	262 273	309 318	.512 .536	108 116	112
	<b>Camshafts Using Hydraulic Flat Tappet Lifters</b>	<b>C-400-P</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
			Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
	CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2100-5600.		223 223	290 290	.447 .447	110 118	114
	USE ONLY IN 1987 & OLDER S.B. CHEVY ENG EQUIPPED WITH CARBURETTED 267-350 CID V8. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1000-4500.	<b>22107</b>	208 208	280 280	.408 .408	107 113	110
	USE ONLY IN 1987 & OLDER S.B. CHEVY ENG EQUIPPED WITH CARBURETTED 267-350 CID V8. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE IDLE-4000.	<b>22108</b>	184 194	260 270	.367 .398	104 104	104
	USE ONLY IN 1987 & OLDER S.B. CHEVY ENG EQUIPPED WITH CARBURETTED 267-350 CID V8. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE IDLE-4000.	<b>22109</b>	194 204	270 278	.398 .421	104 104	104
	<i>Continued on Next Page</i>						

**PERFORMANCE - CHEVROLET CARS & TRUCKS (Continued)**

Line No.	Part Title	Part No.	Description					
<b>12</b>	<b>302 ENG - 1967-69 - 8 Cyl. 4.00 Bore</b>							
	<b>Camshafts Using Hydraulic Flat Tappet Lifters</b>		Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation	
			Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.		
	USE ONLY IN 1987 & OLDER S.B. CHEVY ENG EQUIPPED WITH CARBURETTED 267-350 CID V8. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1000-4500.	<b>22110</b>	204 214	278 288	.421 .443	110 110	110	
	USE ONLY IN 1987 & OLDER S.B. CHEVY ENG EQUIPPED WITH CARBURETTED 267-350 CID V8. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1400-4900.	<b>22114</b>	208 208	280 280	.420 .420	106 116	111	
	USE ONLY IN 1987 & OLDER S.B. CHEVY ENG EQUIPPED WITH CARBURETTED 267-350 CID V8. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1500-5000.	<b>22115</b>	209 216	283 286	.435 .455	107 117	112	
	USE ONLY IN 1987 & OLDER S.B. CHEVY ENG EQUIPPED WITH CARBURETTED 267-350 CID V8. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1250-4750.	<b>22126</b>	194 214	268 288	.398 .441	107 117	112	
	OEM# 3863151. CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2100-5600.	<b>22200</b>	223 223	290 290	.447 .447	110 118	114	
	USE ONLY IN 1987 & OLDER S.B. CHEVY ENG EQUIPPED WITH CARBURETTED 267-350 CID V8. CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5200.	<b>22203</b>	214 224	288 298	.444 .466	107 117	112	
	OEM# 3896962 CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2200-5800.	<b>22210</b>	224 224	291 287	.450 .460	114 114	114	
	USE ONLY IN 1987 & OLDER S.B. CHEVY ENG EQUIPPED WITH CARBURETTED 267-350 CID V8. CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5200.	<b>22213</b>	214 214	287 287	.444 .444	107 117	112	
	<i>Continued on Next Page</i>							

**PERFORMANCE - CHEVROLET CARS & TRUCKS (Continued)**

Line No.	Part Title	Part No.	Description					
<b>12</b>	<b>302 ENG - 1967-69 - 8 Cyl. 4.00 Bore</b>							
	<b>Camshafts Using Hydraulic Flat Tappet Lifters</b>		Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation	
			Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.		
	USE ONLY IN 1987 & OLDER S.B. CHEVY ENG EQUIPPED WITH CARBURETTED 267-350 CID V8. CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2000-5000.	<b>22215</b>	218 218	295 295	.429 .429	108 112	110	
	CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5300.	<b>22230</b>	214 214	287 287	.444 .444	105 115	110	
	CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2000-5700.	<b>22232</b>	220 231	304 287	.468 .480	106 114	110	
	CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2200-5800.	<b>22233</b>	224 224	300 300	.436 .436	107 109	108	
	CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2000-5500.	<b>22234</b>	224 230	283 291	.480 .486	107 113	110	
	CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2200-5700.	<b>22235</b>	224 224	224 224	.465 .465	112 112	112	
	CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2500-6000.	<b>22301</b>	232 232	288 288	.480 .480	106 110	108	
	CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2200-5700.	<b>22303</b>	224 234	298 304	.466 .488	107 117	112	
	CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2700-6200.	<b>22305</b>	234 244	303 313	.488 .508	107 117	112	
	CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2500-6000.	<b>22320</b>	230 230	304 304	.453 .453	112 116	114	
	CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3300-6700.	<b>22401</b>	244 254	313 328	.508 .533	107 117	112	
	<i>Continued on Next Page</i>							

**PERFORMANCE - CHEVROLET CARS & TRUCKS (Continued)**

Line No.	Part Title	Part No.	Description				
<b>12</b>	<b>302 ENG - 1967-69 - 8 Cyl. 4.00 Bore</b>						
	<b>Camshafts Using Hydraulic Flat Tappet Lifters</b>  CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3300-6800.	<b>22460</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
			Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
			246 246	302 302	.508 .508	106 112	109
	<b>Camshafts Using Hydraulic Retro-fit Roller Lifters</b>  FOR USE WITH RETRO-FIT ROLLER LIFTER [SB817RF16] CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1000-4500	<b>22135</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
			Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
			206 214	265 274	.470 .490	108 116	112
	FOR USE WITH RETRO-FIT ROLLER LIFTER [SB817RF16] CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1500-5000	<b>22136</b>	215 230	284 310	.470 .480	106 114	110
	FOR USE WITH RETRO-FIT ROLLER LIFTER [SB817RF16] CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5200	<b>22237</b>	215 224	284 296	.470 .490	108 116	112
	FOR USE WITH RETRO-FIT ROLLER LIFTER [SB817RF16] CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5300	<b>22238</b>	215 215	284 284	.470 .470	106 114	110
	FOR USE WITH RETRO-FIT ROLLER LIFTER [SB817RF16]	<b>22398</b>	234 238	296 300	.538 .546	107 117	112
	<b>Mell Lube</b>	<b>M-10012</b>	ENGINE ASSEMBLY LUBRICANT				
	<b>Torque Cam Lifter Kit</b>	<b>CL-MTC-1</b>	CLASS I HYD. NOT COMPUTER COMPATIBLE. IMPROVES LOW-MID. PERF. USE (VS-380). USE ONLY WITH CARBURETTED ENGINES. NOT CALIFORNIA COMPLIANT. KIT INCLUDES 1-[MTC-1] CAM, 16-[JB-817] LIFTERS & 4OZ MELL LUBE. CHECK FOR COIL BIND. USE [VS-380] SPRING W/INSTALLED HGT. OF 1.72				
	<b>Mechanical Flat Tappet Lifters</b>	<b>JB-992</b>	STOCK TYPE REPLACEMENT LIFTER, SPECIAL DESIGNED METERING SYSTEM				
	<b>Hydraulic Flat Tappet Lifters</b>	<b>298174</b>	USE FACTORY SETTING				
		<b>298184</b>	ANTI-PUMP UP, SET AT ZERO LASH; MUST BE USED W/ ADJUSTABLE VALVE TRAIN				
	<b>Hydraulic Roller Lifters</b>	<b>JB-2079</b>	STOCK TYPE REPLACEMENT LIFTER				
	<b>Hydraulic Retro-fit Roller Lifters</b>	<b>SB817RF16</b>	RETRO-FIT LIFTER FOR USE W/ RETRO-FIT ROLLER CAMSHAFTS [22135], [22136], [22237], [22238], [22398]				
	<b>Valve Locks</b>	<b>476104</b>	HARDENED 11/32" STEM				
	<i>Continued on Next Page</i>						

**PERFORMANCE - CHEVROLET CARS & TRUCKS (Continued)**

Line No.	Part Title	Part No.	Description
<b>12</b>	<b>302 ENG - 1967-69 - 8 Cyl. 4.00 Bore</b>		
	<b>Valve Spring with Mechanical Lifters</b>	<b>466114</b>	OUTER- USE WITH [22410], [22415], [22400] & [22450] CAMS- MACHINING MAY BE REQUIRED 1.430 O.D.
		<b>466274</b>	INNER- USE WITH [22410], [22400] & [22450] CAMS- MACHINING MAY BE REQUIRED 1.080 O.D.
		<b>466364</b>	1.260 O.D.
	<b>Valve Spring with Hydraulic Lifters</b>	<b>VS-380</b>	STOCK REPLACEMENT. USE WITH [MTC-1], [22111], [22107], [22108], [22109], [22114] & [22215] CAMS- NOTE: ASM. HEIGHT OF 1.72 (MACHINING MAY BE REQUIRED)
		<b>VS-739</b>	STOCK REPLACEMENT. USE WITH [22303], [22305] & [22401] CAMS- NOTE: ASM HEIGHT OF 1.72- MACHINING MAY BE REQUIRED CHROME VANADIUM
		<b>466204</b>	USE WITH [22303], [22305] & [22401] CAMS- NOTE: ASM HEIGHT OF 1.72- MACHINING MAY BE REQUIRED
		<b>466354</b>	USE WITH MTC-1, (22110), (22115), (22200), (22210), (22213), (22203), (22320), (22301) CAMSHAFTS. NOTE: ASM HEIGHT OF 1.72 - MACHINING MAY BE REQUIRED.
	<b>Valve Spring Retainers</b>	<b>475074</b>	CHROME MOLY- USE WITH [46611] SPRINGS
		<b>475184</b>	CHROME MOLY- USE WITH [466204] & [466354] SPRINGS
	<b>Rocker Arms</b>	<b>498404</b>	LONG SLOT
	<b>Rocker Arm Stud</b>	<b>MRDS-2920</b>	2.325 OVERALL LENGTH, 3/8" DIAMETER WITH HEX NUT
		<b>MRDS-941</b>	2.560 OVERALL LENGTH, 7/16" DIAMETER WITH HEX NUT
	<b>Chrome Moly Push Rods</b>	<b>500314</b>	EXC. ROLLER 5/16" DIA. STANDARD LENGTH- HEAT TREATED FOR GUIDE PLATES. MAX. SPRING PRESSURE 350 LBS.
		<b>500614</b>	EXC. ROLLER 5/16" DIA. + .100 O/S LENGTH-HEAT TREATED FOR GUIDE PLATES MAX. SPRING PRESSURE 350 LBS.
		<b>500674</b>	EXC. ROLLER 3/8" DIA. MAX. SPRING PRESSURE 350 LBS.
		<b>501004</b>	EXC. ROLLER 5/16" DIA. STANDARD LENGTH - HEAT TREATED FOR GUIDEPLATES (ONE PIECE CONSTRUCTION) MAX. SPRING PRESSURE 500 LBS.
		<b>501014</b>	EXC. ROLLER 5/16" DIA. + .100 O/S LENGTH - HEAT TREATED FOR GUIDE PLATES (ONE PIECE CONSTRUCTION)
		<b>501024</b>	EXC. ROLLER 5/16" DIA. + .150 O/S LENGTH - HEAT TREATED FOR GUIDE PLATES. (ONE PIECE CONSTRUCTION)
		<b>501034</b>	EXC. ROLLER 5/16" DIA. + .200 O/S LENGTH - HEAT TREATED FOR GUIDE PLATES. (ONE PIECE CONSTRUCTION)
	<b>Guide Plates</b>	<b>MGP1004</b>	5/16" THICK-MUST BE USED WITH SCREW-IN ROCKER ARM STUDS. (FLAT)
		<b>MGP1014</b>	3/8" THICK-MUST BE USED WITH SCREW-IN ROCKER ARM STUDS. (FLAT)
		<b>MGP1024</b>	3/8" THICK- MUST BE USED WITH SCREW-IN ROCKER ARM STUDS. (RAISED)
		<b>MGP1034</b>	5/16" THICK- MUST BE USED WITH SCREW-IN ROCKER ARM STUDS. (RAISED)
	<i>Continued on Next Page</i>		

**PERFORMANCE - CHEVROLET CARS & TRUCKS (Continued)**

Line No.	Part Title	Part No.	Description
<b>12</b>	<b>302 ENG - 1967-69 - 8 Cyl. 4.00 Bore</b>		
	<b>Gear Drive Set</b>	<b>48400</b>	NOISY - INCLUDES 8620 CARBURIZED STEEL GEARS, ROLLER CAM BUTTON, LOCK PLATE AND BOLTS. TIMING ADJUSTED WITH 5 OPTIONAL COLOR CODED DOWEL PIN HOLE INSERTS. RECOMMENDED FOR STREET AND STRIP, CLAIMER AND RACING ENGINES UP TO 6,500 RPM.
		<b>48400Q</b>	QUIET - INCLUDES 8620 CARBURIZED STEEL GEARS, ROLLER CAM BUTTON, LOCK PLATE AND BOLTS. TIMING ADJUSTED WITH 5 OPTIONAL COLOR CODED DOWEL PIN HOLE INSERTS. RECOMMENDED FOR STREET AND STRIP, CLAIMER AND RACING ENGINES UP TO 6,500 RPM.
	<b>3pc Set</b>	<b>40201</b>	EXCLUDES STOCK ROLLER CAM ENGINES. INCLUDES DOUBLE ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET.
		<b>40400</b>	EXCLUDES STOCK ROLLER CAM ENGINES INCLUDES DOUBLE SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET
		<b>40500</b>	EXCLUDES STOCK ROLLER CAM ENGINES INCLUDES SINGLE SEAMLESS SOLID ROLLER CHAIN (.335" ROLLER), CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET.
		<b>48500T-9</b>	RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD AND CLAIMER ENGINES INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4°/-4° CAM ADJUSTMENT. PRESS FIT ROLLER THRUST BEARINGS.
		<b>48500W-9</b>	RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD AND CLAIMER ENGINES. INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4°/-4° CAM ADJUSTMENT. BRONZE WASHER
		<b>40520</b>	EXCLUDES STOCK ROLLER CAM ENGINES. RACING APPLICATIONS ONLY INCLUDES 3/8" HY-VO TEC CHAIN, CAM SPROCKET WITH LIGHTENING HOLES & 9-MULTIPLE KEYWAY CRANK SPROCKET
	<b>Oil Pump</b>	<b>M-99HV-S</b>	HI VOL PUMP- MORE VOL AND PRESSURE THAN STOCK PUMP. INCLUDES SCREEN.
		<b>10050-700CT</b>	(MELLING PATENT 5,810,571) HI VOLUME 25%. MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE COATINGS. SCREW IN VALVE. OFFSET SCREEN FOR 7." PAN INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME MOLY I/S SHAFT. CIRCLE TRACK RACING.
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**PERFORMANCE - CHEVROLET CARS & TRUCKS (Continued)**

Line No.	Part Title	Part No.	Description
<b>12</b>	<b>302 ENG - 1967-69 - 8 Cyl. 4.00 Bore</b>		
	<b>Oil Pump</b>	<b>10050-750SS</b>	(MELLING PATENT 5,810,571) HI VOLUME 25%. MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE COATINGS. SCREW IN VALVE. SCREEN FOR 7.5" PAN INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME MOLY I/S SHAFT. STREET AND STRIP.
		<b>10050-825SS</b>	(MELLING PATENT 5,810,571) HI VOLUME 25%. MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE COATINGS. SCREW IN VALVE. SCREEN FOR 8.25" PAN INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME MOLY I/S SHAFT. STREET AND STRIP.
		<b>10055-700CT</b>	(MELLING PATENT 5,810,571) STANDARD VOLUME. MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE COATINGS. SCREW IN VALVE. OFFSET SCREEN FOR 7." PAN INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME MOLY I/S SHAFT. CIRCLE TRACK RACING.
		<b>10055-750SS</b>	(MELLING PATENT 5,810,571) STANDARD VOLUME. MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE COATINGS. SCREW IN VALVE. SCREEN FOR 7.5" PAN INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME MOLY I/S SHAFT. STREET AND STRIP.
		<b>10055-825SS</b>	(MELLING PATENT 5,810,571) STANDARD VOLUME. MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE COATINGS. SCREW IN VALVE. SCREEN FOR 7.5" PAN INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME MOLY I/S SHAFT. STREET AND STRIP.
		<b>10550</b>	EXC. CHEVY II HI VOL PUMP (25% ADDL VOL OF OIL) - FEATURES: STEEL GEARS; INCLUDES I/S SHAFT W/ STEEL GUIDE. USES 5/8" DIAMETER SCREEN.
		<b>10551</b>	EXC. CHEVY II - 19MM INLET HI VOL PUMP (25% ADDL VOL OF OIL) - FEATURES: STEEL GEARS; INCLUDES I/ S SHAFT W/STEEL GUIDE. USES 3/4" DIAMETER SCREEN.
		<b>10552</b>	(MELLING PATENT 5,810,571) HI VOL PUMP (10% ADDL VOL OF OIL) - FEATURES: STEEL GEARS; SHAFTS EXTENDED INTO COVER FOR SUPPORT. RELIEF VALVE SPRING HAS SCREW IN PLUG. INCLUDES [12550] CHROME MOLY INTERMEDIATE SHAFT WITH STEEL GUIDE. EITHER A BOLT ON OR PRESS IN SCREEN CAN BE USED WITH THIS PUMP.
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**PERFORMANCE - CHEVROLET CARS & TRUCKS (Continued)**

Line No.	Part Title	Part No.	Description
<b>12</b>	<b>302 ENG - 1967-69 - 8 Cyl. 4.00 Bore</b>		
	<b>Oil Pump</b>	<b>10552C</b>	RACING APPLICATIONS ONLY. (MELLING PATENT 5,810,571) HI VOL PUMP (10% ADDL VOL OF OIL) FEATURES: STEEL GEARS; SHAFTS EXTENDED INTO COVER FOR SUPPORT. RELIEF VALVE SPRING HAS SCREW IN PLUG. INCLUDES [12550] CHROME MOLY INTERMEDIATE SHAFT WITH STEEL GUIDE. HAS ANTI-ANTI-CAVITATION GROOVES. EITHER A BOLT ON OR PRESS IN SCREEN CAN BE USED WITH THIS PUMP.
		<b>10553</b>	FEATURES STEEL GEARS; STANDARD VOLUME VERSION OF THE 10550 PUMP.
		<b>10554</b>	FEATURES STEEL GEARS; STANDARD VOLUME VERSION OF THE 10551 PUMP.
		<b>10555</b>	(MELLING PATENT 5,810,571) HI VOL PUMP (25% ADDL VOL OF OIL) FEATURES: STEEL GEARS; SHAFTS EXTENDED INTO COVER FOR SUPPORT. RELIEF VALVE SPRING HAS SCREW IN PLUG. INCLUDES [12550] CHROME MOLY INTERMEDIATE SHAFT WITH STEEL GUIDE. EITHER A BOLT ON OR PRESS IN SCREEN CAN BE USED WITH THIS PUMP.
		<b>10555C</b>	RACING APPLICATIONS ONLY. (MELLING PATENT 5,810,571) HI VOL PUMP (25% ADDL VOL OF OIL) FEATURES: STEEL GEARS; SHAFTS EXTENDED INTO COVER FOR SUPPORT. RELIEF VALVE SPRING HAS SCREW IN PLUG. INCLUDES [12550] CHROME MOLY INTERMEDIATE SHAFT WITH STEEL GUIDE. HAS ANTI-CAVITATION GROOVES. EITHER A BOLT ON OR PRESS IN SCREEN CAN BE USED WITH THIS PUMP.
		<b>10990</b>	(MELLING PATENT 5,810,571) HI VOLUME PUMP (25% ADDL VOLUME) FEATURES: SHAFTS EXTENDED INTO COVER FOR SUPPORT. RELIEF VALVE HAS SCREW IN PLUG. INCLUDES [12550] CHROME MOLY INTERMEDIATE SHAFT WITH STEEL GUIDE. INCLUDES STOCK SPRING.
		<b>10990C</b>	RACING APPLICATIONS ONLY. (MELLING PATENT 5,810,571) HI VOL PUMP (25% ADDL VOL OF OIL) FEATURES: SHAFTS EXTENDED INTO COVER FOR SUPPORT. RELIEF VALVE HAS SCREW IN PLUG. INCLUDES [12550] CHROME MOLY INTERMEDIATE SHAFT WITH STEEL GUIDE. HAS ANTI-CAVITATION GROOVES.
	<b>Oil Pump Screen</b>	<b>12557</b>	BOLT ON SCREEN. USE W/7" DEEP STOCK TYPE PAN. NOTE: CLEARANCE BETWEEN THE BOLTS AND HOLES ALLOWS 3/16 TO 1/4" ADJUSTMENT UP OR DOWN TO CUSTOM FIT YOUR APPLICATION. BOLT ON SCREEN FOR 10555 PUMP.
		<b>12558</b>	BOLT ON SCREEN. USE WITH 7 1/2" DEEP STOCK TYPE PAN. NOTE: CLEARANCE BETWEEN THE BOLTS AND HOLES ALLOWS 3/16 TO 1/4" ADJUSTMENT UP OR DOWN TO CUSTOM FIT YOUR APPLICATION.
		<b>12559</b>	BOLT ON SCREEN. USE WITH 8" DEEP STOCK TYPE PAN. NOTE: CLEARANCE BETWEEN THE BOLTS AND HOLES ALLOWS 3/16 TO 1/4" ADJUSTMENT UP OR DOWN TO CUSTOM FIT YOUR APPLICATION.
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**PERFORMANCE - CHEVROLET CARS & TRUCKS (Continued)**

Line No.	Part Title	Part No.	Description				
<b>12</b>	<b>302 ENG - 1967-69 - 8 Cyl. 4.00 Bore</b>						
	<b>Oil Pump Screen</b>	<b>12564</b>	BOLT ON SCREEN. USE WITH 7" DEEP OVAL TRACK PAN. NOTE: MESH IS TO THE RIGHT. NOTE: CLEARANCE BETWEEN THE BOLTS AND THE HOLES ALLOWS 3/16" TO 1/4" ADJUSTMENT UP OR DOWN TO CUSTOM FIT YOUR APPLICATION.				
		<b>12566</b>	BOLT ON SCREEN. USE WITH 7 1/2" DEEP OVAL TRACK PAN. NOTE: MESH IS TO THE RIGHT. NOTE: CLEARANCE BETWEEN THE BOLTS AND THE HOLES ALLOWS 3/16" TO 1/4" ADJUSTMENT UP OR DOWN TO CUSTOM FIT YOUR APPLICATION.				
	<b>Oil Pump Drive Shaft</b>	<b>12550</b>	PERFORMANCE TYPE INTERMEDIATE SHAFT. HIGH STRENGTH (150,000 PSI) CHROME MOLY STEEL. IMPROVED SHAFT RETAINER WHICH LOCKS ONTO THE OIL PUMP DRIVE SHAFT				
<b>13</b>	<b>305 ENG - 1976-93 - 8 Cyl. - 3.74 Bore</b>						
	<b>Torque Camshaft</b>	<b>MTC-1</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
	1982-1987 HYD. IMPROVES LOW-MID. PERF. CHECK FOR COIL BIND. USE [VS-380] SPRING W/INSTALLED HGT. OF 1.72. USE ONLY WITH CARBURETTED ENGINES. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1000-4500.		Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
			204 214	278 288	.421 .444	107 117	112
	<b>Camshafts Using Mechanical Flat Tappet Lifters</b>	<b>22400</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
	1982-1987 OEM #3927140 CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3700-7300.		Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
			257 270	304 320	.494 .512	108 116	112
	1982-1987 CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2700-6200.		240 250	282 290	.521 .521	104 108	106
	1982-1987 CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3700-7300.		258 266	290 298	.538 .556	99 111	105
	1982-1987 OEM #3849346 CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3600-7200.		254 254	294 294	.484 .484	110 118	114
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**PERFORMANCE - CHEVROLET CARS & TRUCKS (Continued)**

Line No.	Part Title	Part No.	Description				
<b>13</b>	<b>305 ENG - 1976-93 - 8 Cyl. - 3.74 Bore</b>						
	<b>Camshafts Using Mechanical Flat Tappet Lifters</b>  1982-1987 OEM #3965754. CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3600-7200.	<b>22450</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
Int. Exh.			Int. Exh.	Int. Exh.	Int. Exh.		
262 273			309 318	.512 .536	108 116	112	
	<b>Camshafts Using Hydraulic Flat Tappet Lifters</b>  1982-1987 CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2100-5600.	<b>C-400-P</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
Int. Exh.			Int. Exh.	Int. Exh.	Int. Exh.		
223 223			290 290	.447 .447	110 118	114	
	1982-1987 USE ONLY IN 1987 & OLDER S.B. CHEVY ENG EQUIPPED WITH CARBURETTED 267-350 CID V8. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1000-4500.	<b>22107</b>	208 208	280 280	.408 .408	107 113	110
	1982-1987 USE ONLY IN 1987 & OLDER S.B. CHEVY ENG EQUIPPED WITH CARBURETTED 267-350 CID V8. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE IDLE-4000.	<b>22108</b>	184 194	260 270	.367 .398	104 104	104
	1982-1987 USE ONLY IN 1987 & OLDER S.B. CHEVY ENG EQUIPPED WITH CARBURETTED 267-350 CID V8. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE IDLE-4000.	<b>22109</b>	194 204	270 278	.398 .421	104 104	104
	1982-1987 USE ONLY IN 1987 & OLDER S.B. CHEVY ENG EQUIPPED WITH CARBURETTED 267-350 CID V8. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1000-4500.	<b>22110</b>	204 214	278 288	.421 .443	110 110	110
	1987-1993 CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE IDLE-4000.	<b>22111</b>	194 204	270 278	.398 .421	107 117	112
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**PERFORMANCE - CHEVROLET CARS & TRUCKS (Continued)**

Line No.	Part Title	Part No.	Description				
<b>13</b>	<b>305 ENG - 1976-93 - 8 Cyl. - 3.74 Bore</b>						
	<b>Camshafts Using Hydraulic Flat Tappet Lifters</b>		Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
			Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
	1982-1987 USE ONLY IN 1987 & OLDER S.B. CHEVY ENG EQUIPPED WITH CARBURETTED 267-350 CID V8. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1400-4900.	<b>22114</b>	208 208	280 280	.420 .420	106 116	111
	1982-1987 USE ONLY IN 1987 & OLDER S.B. CHEVY ENG EQUIPPED WITH CARBURETTED 267-350 CID V8. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1500-5000.	<b>22115</b>	209 216	283 286	.435 .455	107 117	112
	1982-1987 USE ONLY IN 1987 & OLDER S.B. CHEVY ENG EQUIPPED WITH CARBURETTED 267-350 CID V8. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1250-4750.	<b>22126</b>	194 214	268 288	.398 .441	107 117	112
	1982-1987 OEM# 3863151. CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2100-5600.	<b>22200</b>	223 223	290 290	.447 .447	110 118	114
	1982-1987 USE ONLY IN 1987 & OLDER S.B. CHEVY ENG EQUIPPED WITH CARBURETTED 267-350 CID V8. CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5200.	<b>22203</b>	214 224	288 298	.444 .466	107 117	112
	1982-1987 OEM# 3896962 CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2200-5800.	<b>22210</b>	224 224	291 287	.450 .460	114 114	114
	1982-1987 USE ONLY IN 1987 & OLDER S.B. CHEVY ENG EQUIPPED WITH CARBURETTED 267-350 CID V8. CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5200.	<b>22213</b>	214 214	287 287	.444 .444	107 117	112
	<i>Continued on Next Page</i>						

**PERFORMANCE - CHEVROLET CARS & TRUCKS (Continued)**

Line No.	Part Title	Part No.	Description				
<b>13</b>	<b>305 ENG - 1976-93 - 8 Cyl. - 3.74 Bore</b>						
	<b>Camshafts Using Hydraulic Flat Tappet Lifters</b>		Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
			Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
	1982-1987 USE ONLY IN 1987 & OLDER S.B. CHEVY ENG EQUIPPED WITH CARBURETTED 267-350 CID V8. CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2000-5000.	<b>22215</b>	218 218	295 295	.429 .429	108 112	110
	1982-1987 CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5300.	<b>22230</b>	214 214	287 287	.444 .444	105 115	110
	1982-1987 CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2000-5700.	<b>22232</b>	220 231	304 287	.468 .480	106 114	110
	1982-1987 CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2200-5800.	<b>22233</b>	224 224	300 300	.436 .436	107 109	108
	1982-1987 CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2000-5500.	<b>22234</b>	224 230	283 291	.480 .486	107 113	110
	1982-1987 CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2200-5700.	<b>22235</b>	224 224	224 224	.465 .465	112 112	112
	1982-1987 CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2500-6000.	<b>22301</b>	232 232	288 288	.480 .480	106 110	108
	1982-1987 CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2200-5700.	<b>22303</b>	224 234	298 304	.466 .488	107 117	112
	1982-1987 CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2700-6200.	<b>22305</b>	234 244	303 313	.488 .508	107 117	112
	1982-1987 CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2500-6000.	<b>22320</b>	230 230	304 304	.453 .453	112 116	114
	1982-1987 CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3300-6700.	<b>22401</b>	244 254	313 328	.508 .533	107 117	112
	<i>Continued on Next Page</i>						

**PERFORMANCE - CHEVROLET CARS & TRUCKS (Continued)**

Line No.	Part Title	Part No.	Description				
<b>13</b>	<b>305 ENG - 1976-93 - 8 Cyl. - 3.74 Bore</b>						
	<b>Camshafts Using Hydraulic Flat Tappet Lifters</b>  1982-1987 CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3300-6800.	<b>22460</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
			Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
			246 246	302 302	.508 .508	106 112	109
	<b>Camshafts Using Hydraulic Roller Lifters</b>  1987-1993 CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE IDLE-4500.	<b>22129</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
			Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
			198 210	273 288	.434 .462	108 116	112
	1987-1993 CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1000-4500.	<b>22131</b>	207 214	271 280	.410 .427	117 117	117
	1987-1987 305 ONLY. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE IDLE-4500.	<b>22221</b>	197 206	261 276	.433 .450	105 114	109
	1987-1993 CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2000-5500.	<b>22298</b>	222 232	297 307	.478 .501	109 119	114
	1987-1993 GROSS VALVE LIFT .528 INT. .528 EXH. CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2500-6200.	<b>22397</b>	234 238	296 300	.538 .546	107 117	112
	<b>Camshafts Using Hydraulic Retro-fit Roller Lifters</b>  FOR USE WITH RETRO-FIT ROLLER LIFTERS [SB817RF16] AND [SB079RF16] CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1000-4500	<b>22135</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
			Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
			206 214	265 274	.470 .490	108 116	112
	FOR USE WITH RETRO-FIT ROLLER LIFTERS [SB817RF16] AND [SB079RF16]; CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1500-5000	<b>22136</b>	215 230	284 310	.470 .480	106 114	110
	FOR USE WITH RETRO-FIT ROLLER LIFTERS [SB817RF16] AND [SB079RF16] CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5200	<b>22237</b>	215 224	284 296	.470 .490	108 116	112
	<i>Continued on Next Page</i>						

**PERFORMANCE - CHEVROLET CARS & TRUCKS (Continued)**

Line No.	Part Title	Part No.	Description				
<b>13</b>	<b>305 ENG - 1976-93 - 8 Cyl. - 3.74 Bore</b>						
	<b>Camshafts Using Hydraulic Retro-fit Roller Lifters</b>  FOR USE WITH RETRO-FIT ROLLER LIFTERS [SB817RF16] AND [SB079RF16] CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5300	<b>22238</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
Int. Exh.			Int. Exh.	Int. Exh.	Int. Exh.		
215 215			284 284	.470 .470	106 114	110	
	FOR USE WITH RETRO-FIT ROLLER LIFTERS [SB817RF16] AND [SB079RF16]	<b>22398</b>	234 238	296 300	.538 .546	107 117	112
	<b>Mell Lube</b>	<b>M-10012</b>	ENGINE ASSEMBLY LUBRICANT				
	<b>Torque Cam Lifter Kit</b>	<b>CL-MTC-1</b>	1982-1987 CLASS I HYD. NOT COMPUTER COMPATIBLE. IMPROVES LOW-MID PERF. USE (VS-380). USE ONLY WITH CARBURETTED ENGINES. NOT CALIFORNIA COMPLIANT. KIT INCLUDES 1-[MTC-1] CAM, 16-[JB-817] LIFTERS & 4OZ MELL LUBE. CHECK FOR COIL BIND. USE [VS-380] SPRING W/INSTALLED HGT. OF 1.72				
	<b>Mechanical Flat Tappet Lifters</b>	<b>JB-992</b>	1982-1987 STOCK TYPE REPLACEMENT LIFTER, SPECIAL DESIGNED METERING SYSTEM				
	<b>Hydraulic Flat Tappet Lifters</b>	<b>298174</b>	1982-1987 USE FACTORY SETTING				
		<b>298184</b>	1982-1987 ANTI-PUMP UP, SET AT ZERO LASH; MUST BE USED W/ ADJUSTABLE VALVE TRAIN				
	<b>Hydraulic Roller Lifters</b>	<b>JB-2079</b>	1982-1987 STOCK TYPE REPLACEMENT LIFTER				
	<b>Hydraulic Retro-fit Roller Lifters</b>	<b>SB079RF16</b>	1986-1993 RETRO-FIT LIFTER FOR USE W/ RETRO-FIT ROLLER CAMSHAFT [22135], [22136], [22237], [22238], [22398]				
		<b>SB817RF16</b>	1976-1985 RETRO-FIT LIFTER FOR USE W/ RETRO-FIT ROLLER CAMSHAFT [22135], [22136], [22237], [22238], [22398]				
	<b>Valve Locks</b>	<b>476104</b>	1982-1987 HARDENED 11/32" STEM				
	<b>Valve Spring with Mechanical Lifters</b>	<b>466114</b>	1982-1987 OUTER- USE WITH [22410], [22415], [22400] & [22450] CAMS- MACHINING MAY BE REQUIRED 1.430 O.D.				
		<b>466274</b>	1982-1987 INNER- USE WITH [22410], [22400] & [22450] CAMS- MACHINING MAY BE REQUIRED 1.080 O.D.				
		<b>466364</b>	1982-1987 1.260 O.D.				
		<b>VS-380</b>	1982-1987 STOCK REPLACEMENT. USE WITH [MTC-1], [22111], [22107], [22108], [22109], [22114] & [22215] CAMS- NOTE: ASM. HEIGHT OF 1.72 (MACHINING MAY BE REQUIRED)				
		<b>VS-739</b>	1982-1987 STOCK REPLACEMENT. USE WITH [22303], [22305] & [22401] CAMS- NOTE: ASM HEIGHT OF 1.72- MACHINING MAY BE REQUIRED CHROME VANADIUM				
		<b>466204</b>	1982-1987 USE WITH [22303], [22305] & [22401] CAMS- NOTE: ASM HEIGHT OF 1.72- MACHINING MAY BE REQUIRED				
		<b>466354</b>	1982-1987 USE WITH MTC-1, (22110), (22115), (22200), (22210), (22213), (22203), (22320), (22301) CAMSHAFTS. NOTE: ASM HEIGHT OF 1.72 - MACHINING MAY BE REQUIRED.				
	<i>Continued on Next Page</i>						

**PERFORMANCE - CHEVROLET CARS & TRUCKS (Continued)**

Line No.	Part Title	Part No.	Description
<b>13</b>	<b>305 ENG - 1976-93 - 8 Cyl. - 3.74 Bore</b>		
	<b>Valve Spring Retainers</b>	<b>475074</b>	1982-1987 CHROME MOLY- USE WITH [46611] SPRINGS
		<b>475184</b>	1982-1987 CHROME MOLY- USE WITH [466204] & [466354] SPRINGS
	<b>Rocker Arms</b>	<b>498404</b>	1982-1987 LONG SLOT
	<b>Rocker Arm Stud</b>	<b>MRDS-2920</b>	1982-1987 2.325 OVERALL LENGTH, 3/8" DIAMETER WITH HEX NUT
		<b>MRDS-941</b>	1982-1987 2.560 OVERALL LENGTH, 7/16" DIAMETER WITH HEX NUT
	<b>Chrome Moly Push Rods</b>	<b>500314</b>	1982-1987 EXC. ROLLER 5/16" DIA. STANDARD LENGTH- HEAT TREATED FOR GUIDE PLATES. MAX. SPRING PRESSURE 350 LBS.
		<b>500614</b>	1982-1987 EXC. ROLLER 5/16" DIA. + .100 O/S LENGTH-HEAT TREATED FOR GUIDE PLATES MAX. SPRING PRESSURE 350 LBS.
		<b>500674</b>	1982-1987 EXC. ROLLER 3/8" DIA. MAX. SPRING PRESSURE 350 LBS.
		<b>501004</b>	1982-1987 EXC. ROLLER 5/16" DIA. STANDARD LENGTH - HEAT TREATED FOR GUIDEPLATES (ONE PIECE CONSTRUCTION) MAX. SPRING PRESSURE 500 LBS.
		<b>501014</b>	1982-1987 EXC. ROLLER 5/16" DIA. + .100 O/S LENGTH - HEAT TREATED FOR GUIDE PLATES (ONE PIECE CONSTRUCTION)
		<b>501024</b>	1982-1987 EXC. ROLLER 5/16" DIA. + .150 O/S LENGTH - HEAT TREATED FOR GUIDE PLATES. (ONE PIECE CONSTRUCTION)
		<b>501034</b>	1982-1987 EXC. ROLLER 5/16" DIA. + .200 O/S LENGTH - HEAT TREATED FOR GUIDE PLATES. (ONE PIECE CONSTRUCTION)
	<b>Guide Plates</b>	<b>MGP1004</b>	1982-1987 5/16" THICK-MUST BE USED WITH SCREW-IN ROCKER ARM STUDS. (FLAT)
		<b>MGP1014</b>	1982-1987 3/8" THICK-MUST BE USED WITH SCREW-IN ROCKER ARM STUDS. (FLAT)
		<b>MGP1024</b>	1982-1987 3/8" THICK- MUST BE USED WITH SCREW-IN ROCKER ARM STUDS. (RAISED)
		<b>MGP1034</b>	1982-1987 5/16" THICK- MUST BE USED WITH SCREW-IN ROCKER ARM STUDS. (RAISED)
	<b>Gear Drive Set</b>	<b>48400</b>	1984-1988 NOISY - INCLUDES 8620 CARBURIZED STEEL GEARS, ROLLER CAM BUTTON, LOCK PLATE AND BOLTS. TIMING ADJUSTED WITH 5 OPTIONAL COLOR CODED DOWEL PIN HOLE INSERTS. RECOMMENDED FOR STREET AND STRIP, CLAIMER AND RACING ENGINES TO 6,500 RPM. CAR APPLICATIONS ONLY
		<b>48400</b>	1976-1993 NOISY - INCLUDES 8620 CARBURIZED STEEL GEARS, ROLLER CAM BUTTON, LOCK PLATE AND BOLTS. TIMING ADJUSTED WITH 5 OPTIONAL COLOR CODED DOWEL PIN HOLE INSERTS. RECOMMENDED FOR STREET AND STRIP, CLAIMER AND RACING ENGINES TO 6,500 RPM. TRUCK APPLICATIONS ONLY
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**PERFORMANCE - CHEVROLET CARS & TRUCKS (Continued)**

Line No.	Part Title	Part No.	Description
<b>13</b>	<b>305 ENG - 1976-93 - 8 Cyl. - 3.74 Bore</b>		
	Gear Drive Set	48400Q	1976-1993 QUIET - INCLUDES 8620 CARBURIZED STEEL GEARS, ROLLER CAM BUTTON, LOCK PLATE AND BOLTS. TIMING ADJUSTED WITH 5 OPTIONAL COLOR CODED DOWEL PIN HOLE INSERTS. RECOMMENDED FOR STREET AND STRIP, CLAIMER AND RACING ENGINES TO 6,500 RPM. TRUCK APPLICATIONS ONLY
		48400Q	1976-1993 QUIET - INCLUDES 8620 CARBURIZED STEEL GEARS, ROLLER CAM BUTTON, LOCK PLATE AND BOLTS. TIMING ADJUSTED WITH 5 OPTIONAL COLOR CODED DOWEL PIN HOLE INSERTS. RECOMMENDED FOR STREET AND STRIP, CLAIMER AND RACING ENGINES TO 6,500 RPM. TRUCK APPLICATIONS ONLY.
		48400Q	1984-1988 QUIET - INCLUDES 8620 CARBURIZED STEEL GEARS, ROLLER CAM BUTTON, LOCK PLATE AND BOLTS. TIMING ADJUSTED WITH 5 OPTIONAL COLOR CODED DOWEL PIN HOLE INSERTS. RECOMMENDED FOR STREET AND STRIP, CLAIMER AND RACING ENGINES UP TO 6,500 RPM. CAR APPLICATIONS ONLY.
		48450	1987-1993 INCLUDES 8620 CARBURIZED STEEL GEARS, ROLLER CAMBUTTON, LOCK PLATE AND BOLTS, ADJUSTED W/5 COLOR CODED DOWEL PIN HOLE INSERTS. RECOMMENDED FOR STREET AND STRIP, CLAIMER AND RACING ENGINES UP TO 6,500 RPM. CAR APPLICATIONS ONLY
	3pc Set	40201	1982-1987 EXCLUDING STOCK ROLLER CAM ENGINES, CARS AND TRUCKS INCLUDES DOUBLE ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET.
		40400	1982-1987 EXCLUDING STOCK ROLLER CAM ENGINES, CARS AND TRUCKS INCLUDES DOUBLE SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET
		40500	1982-1987 EXCLUDING STOCK ROLLER CAM ENGINES, CARS AND TRUCKS INCLUDES SINGLE SEAMLESS SOLID ROLLER CHAIN (.335" ROLLER), CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET.
		48500T-9	1976-1993 RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD AND CLAIMER ENGINES. EXC. VIN E AND CA EMISSIONS. INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4°/-4° CAM ADJUSTMENT. PRESS FIT ROLLER THRUST BEARINGS.
		48500W-9	1976-1993 RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD AND CLAIMER ENGINES. EXCLUDES VIN E AND CA EMISSIONS INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4°/-4° CAM ADJUSTMENT. BRONZE WASHER
	<i>Continued on Next Page</i>		

**PERFORMANCE - CHEVROLET CARS & TRUCKS (Continued)**

Line No.	Part Title	Part No.	Description
<b>13</b>	<b>305 ENG - 1976-93 - 8 Cyl. - 3.74 Bore</b>		
	3pc Set	40520	1982-1987 EXCLUDING STOCK ROLLER CAM ENGINES. RACING APPLICATIONS ONLY. CARS AND TRUCKS INCLUDES 3/8" HY-VO TEC CHAIN, CAM SPROCKET WITH LIGHTENING HOLES & 9-MULTIPLE KEYWAY CRANK SPROCKET
	Oil Pump	M-99HV-S	1982-1987 HI VOL PUMP- MORE VOL AND PRESSURE THAN STOCK PUMP. INCLUDES SCREEN.
		10050-700CT	1982-1987 (MELLING PATENT 5,810,571) HI VOLUME 25%. MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE COATINGS. SCREW IN VALVE. OFFSET SCREEN FOR 7." PAN INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME MOLY I/S SHAFT. CIRCLE TRACK RACING.
		10050-750SS	1982-1987 (MELLING PATENT 5,810,571) HI VOLUME 25%. MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE COATINGS. SCREW IN VALVE. SCREEN FOR 7.5" PAN INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME MOLY I/S SHAFT. STREET AND STRIP.
		10050-825SS	1982-1987 (MELLING PATENT 5,810,571) HI VOLUME 25%. MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE COATINGS. SCREW IN VALVE. SCREEN FOR 8.25" PAN INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME MOLY I/S SHAFT. STREET AND STRIP.
		10055-700CT	1982-1987 (MELLING PATENT 5,810,571) STANDARD VOLUME. MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE COATINGS. SCREW IN VALVE. OFFSET SCREEN FOR 7." PAN INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME MOLY I/S SHAFT. CIRCLE TRACK RACING.
		10055-750SS	1982-1987 (MELLING PATENT 5,810,571) STANDARD VOLUME. MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE COATINGS. SCREW IN VALVE. SCREEN FOR 7.5" PAN INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME MOLY I/S SHAFT. STREET AND STRIP.
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**PERFORMANCE - CHEVROLET CARS & TRUCKS (Continued)**

Line No.	Part Title	Part No.	Description
<b>13</b>	<b>305 ENG - 1976-93 - 8 Cyl. - 3.74 Bore</b>		
	<b>Oil Pump</b>	<b>10055-825SS</b>	1982-1987 (MELLING PATENT 5,810,571) STANDARD VOLUME. MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE COATINGS. SCREW IN VALVE. SCREEN FOR 7.5" PAN INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME MOLY I/S SHAFT. STREET AND STRIP.
		<b>10550</b>	1982-1987 EXC CHEVY II - HI VOL PUMP (25% ADDL VOL OF OIL) - FEATURES: STEEL GEARS; INCLUDES I/S SHAFT W/STEEL GUIDE. USES 5/8" DIAMETER SCREEN.
		<b>10551</b>	1982-1987 EXC CHEVY II - 19MM INLET HI VOL PUMP (25% ADDL VOL OF OIL) - FEATURES: STEEL GEARS; INCLUDES I/S SHAFT W/STEEL GUIDE. USES 3/4" DIAMETER SCREEN.
		<b>10552</b>	1982-1987 (MELLING PATENT 5,810,571) HI VOL PUMP (10% ADDL VOL OF OIL) - FEATURES: STEEL GEARS; SHAFTS EXTENDED INTO COVER FOR SUPPORT. RELIEF VALVE SPRING HAS SCREW IN PLUG. INCLUDES [12550] CHROME MOLY INTERMEDIATE SHAFT WITH STEEL GUIDE. EITHER A BOLT ON OR PRESS IN SCREEN CAN BE USED WITH THIS PUMP.
		<b>10552C</b>	1982-1987 RACING APPLICATIONS ONLY. (MELLING PATENT 5,810,571) HI VOL PUMP (10% ADDL VOL OF OIL) FEATURES: STEEL GEARS; SHAFTS EXTENDED INTO COVER FOR SUPPORT. RELIEF VALVE SPRING HAS SCREW IN PLUG. INCLUDES [12550] CHROME MOLY INTERMEDIATE SHAFT WITH STEEL GUIDE. HAS ANTI-ANTI-CAVITATION GROOVES. EITHER A BOLT ON OR PRESS IN SCREEN CAN BE USED WITH THIS PUMP.
		<b>10553</b>	1982-1987 FEATURES STEEL GEARS; STANDARD VOLUME VERSION OF THE 10550 PUMP.
		<b>10554</b>	1982-1987 FEATURES STEEL GEARS; STANDARD VOLUME VERSION OF THE 10551 PUMP.
		<b>10555</b>	1982-1987 (MELLING PATENT 5,810,571) HI VOL PUMP (25% ADDL VOL OF OIL) FEATURES: STEEL GEARS; SHAFTS EXTENDED INTO COVER FOR SUPPORT. RELIEF VALVE SPRING HAS SCREW IN PLUG. INCLUDES [12550] CHROME MOLY INTERMEDIATE SHAFT WITH STEEL GUIDE. EITHER A BOLT ON OR PRESS IN SCREEN CAN BE USED WITH THIS PUMP.
		<b>10555C</b>	1982-1987 RACING APPLICATIONS ONLY. (MELLING PATENT 5,810,571) HI VOL PUMP (25% ADDL VOL OF OIL) FEATURES: STEEL GEARS; SHAFTS EXTENDED INTO COVER FOR SUPPORT. RELIEF VALVE SPRING HAS SCREW IN PLUG. INCLUDES [12550] CHROME MOLY INTERMEDIATE SHAFT WITH STEEL GUIDE. HAS ANTI-CAVITATION GROOVES. EITHER A BOLT ON OR PRESS IN SCREEN CAN BE USED WITH THIS PUMP.
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**PERFORMANCE - CHEVROLET CARS & TRUCKS (Continued)**

Line No.	Part Title	Part No.	Description				
<b>13</b>	<b>305 ENG - 1976-93 - 8 Cyl. - 3.74 Bore</b>						
	<b>Oil Pump</b>	<b>10990</b>	1982-1987 (MELLING PATENT 5,810,571) HI VOLUME PUMP (25% ADDL VOLUME) FEATURES: SHAFTS EXTENDED INTO COVER FOR SUPPORT. RELIEF VALVE HAS SCREW IN PLUG. INCLUDES [12550] CHROME MOLY INTERMEDIATE SHAFT WITH STEEL GUIDE. INCLUDES STOCK SPRING.				
		<b>10990C</b>	1982-1987 RACING APPLICATIONS ONLY. (MELLING PATENT 5,810,571) HI VOL PUMP (25% ADDL VOL OF OIL) FEATURES: SHAFTS EXTENDED INTO COVER FOR SUPPORT. RELIEF VALVE HAS SCREW IN PLUG. INCLUDES [12550] CHROME MOLY INTERMEDIATE SHAFT WITH STEEL GUIDE. HAS ANTI-CAVITATION GROOVES.				
	<b>Oil Pump Screen</b>	<b>12557</b>	1982-1987 BOLT ON SCREEN. USE W/7" DEEP STOCK TYPE PAN. NOTE: CLEARANCE BETWEEN THE BOLTS AND HOLES ALLOWS 3/16 TO 1/4" ADJUSTMENT UP OR DOWN TO CUSTOM FIT YOUR APPLICATION. BOLT ON SCREEN FOR 10555 PUMP.				
		<b>12558</b>	1982-1987 BOLT ON SCREEN. USE WITH 7 1/2" DEEP STOCK TYPE PAN. NOTE: CLEARANCE BETWEEN THE BOLTS AND HOLES ALLOWS 3/16 TO 1/4" ADJUSTMENT UP OR DOWN TO CUSTOM FIT YOUR APPLICATION.				
		<b>12559</b>	1982-1987 BOLT ON SCREEN. USE WITH 8" DEEP STOCK TYPE PAN. NOTE: CLEARANCE BETWEEN THE BOLTS AND HOLES ALLOWS 3/16 TO 1/4" ADJUSTMENT UP OR DOWN TO CUSTOM FIT YOUR APPLICATION.				
		<b>12564</b>	1982-1987 BOLT ON SCREEN. USE WITH 7" DEEP OVAL TRACK PAN. NOTE: MESH IS TO THE RIGHT. NOTE: CLEARANCE BETWEEN THE BOLTS AND THE HOLES ALLOWS 3/16" TO 1/4" ADJUSTMENT UP OR DOWN TO CUSTOM FIT YOUR APPLICATION.				
		<b>12566</b>	1982-1987 BOLT ON SCREEN. USE WITH 7 1/2" DEEP OVAL TRACK PAN. NOTE: MESH IS TO THE RIGHT. NOTE: CLEARANCE BETWEEN THE BOLTS AND THE HOLES ALLOWS 3/16" TO 1/4" ADJUSTMENT UP OR DOWN TO CUSTOM FIT YOUR APPLICATION.				
	<b>Oil Pump Drive Shaft</b>	<b>12550</b>	1982-1987 PERFORMANCE TYPE INTERMEDIATE SHAFT. HIGH STRENGTH (150,000 PSI) CHROME MOLY STEEL. IMPROVED SHAFT RETAINER WHICH LOCKS ONTO THE OIL PUMP DRIVE SHAFT				
<b>14</b>	<b>307 ENG - 1968-73 - 8 Cyl. - 3 7/8 Bore</b>						
	<b>Torque Camshaft</b>		Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
		<b>MTC-1</b>	Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
	HYD. IMPROVES LOW-MID. PERF. CHECK FOR COIL BIND. USE [VS-380] SPRING W/ INSTALLED HGT. OF 1.72. USE ONLY WITH CARBURETTED ENGINES. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1000-4500.		204 214	278 288	.421 .444	107 117	112
	<i>Continued on Next Page</i>						

**PERFORMANCE - CHEVROLET CARS & TRUCKS (Continued)**

Line No.	Part Title	Part No.	Description				
<b>14</b>	<b>307 ENG - 1968-73 - 8 Cyl. - 3 7/8 Bore</b>						
	<b>Camshafts Using Mechanical Flat Tappet Lifters</b>	<b>22400</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
			Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
	OEM #3927140 CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3700-7300.		257 270	304 320	.494 .512	108 116	112
	CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2700-6200.	<b>22402</b>	240 250	282 290	.521 .521	104 108	106
	CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3700-7300.	<b>22404</b>	258 266	290 298	.538 .556	99 111	105
	OEM #3849346 CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3600-7200.	<b>22410</b>	254 254	294 294	.484 .484	110 118	114
	OEM #3965754. CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3600-7200.	<b>22450</b>	262 273	309 318	.512 .536	108 116	112
	<b>Camshafts Using Hydraulic Flat Tappet Lifters</b>	<b>C-400-P</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
			Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
	CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2100-5600.		223 223	290 290	.447 .447	110 118	114
	USE ONLY IN 1987 & OLDER S.B. CHEVY ENG EQUIPPED WITH CARBURETTED 267-350 CID V8. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1000-4500.	<b>22107</b>	208 208	280 280	.408 .408	107 113	110
	USE ONLY IN 1987 & OLDER S.B. CHEVY ENG EQUIPPED WITH CARBURETTED 267-350 CID V8. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE IDLE-4000.	<b>22108</b>	184 194	260 270	.367 .398	104 104	104
	USE ONLY IN 1987 AND OLDER S.B. CHEVY ENG EQUIPPED WITH CARBURETTED 267-350 CID V8. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE IDLE-4000.	<b>22109</b>	194 204	270 278	.398 .421	104 104	104
<i>Continued on Next Page</i>							

**PERFORMANCE - CHEVROLET CARS & TRUCKS (Continued)**

Line No.	Part Title	Part No.	Description				
<b>14</b>	<b>307 ENG - 1968-73 - 8 Cyl. - 3 7/8 Bore</b>						
	<b>Camshafts Using Hydraulic Flat Tappet Lifters</b>		Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
			Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
	USE ONLY IN 1987 AND OLDER S.B. CHEVY ENG EQUIPPED WITH CARBURETTED 267-350 CID V8. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1000-4500.	<b>22110</b>	204 214	278 288	.421 .443	110 110	110
	USE ONLY IN 1987 AND OLDER S.B. CHEVY ENG EQUIPPED WITH CARBURETTED 267-350 CID V8. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1400-4900.	<b>22114</b>	208 208	280 280	.420 .420	106 116	111
	USE ONLY IN 1987 AND OLDER S.B. CHEVY ENG EQUIPPED WITH CARBURETTED 267-350 CID V8. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1500-5000.	<b>22115</b>	209 216	283 286	.435 .455	107 117	112
	USE ONLY IN 1987 AND OLDER S.B. CHEVY ENG EQUIPPED WITH CARBURETTED 267-350 CID V8. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1250-4750.	<b>22126</b>	194 214	268 288	.398 .441	107 117	112
	OEM# 3863151. CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2100-5600.	<b>22200</b>	223 223	290 290	.447 .447	110 118	114
	USE ONLY IN 1987 AND OLDER S.B. CHEVY ENG EQUIPPED WITH CARBURETTED 267-350 CID V8. CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5200.	<b>22203</b>	214 224	288 298	.444 .466	107 117	112
	OEM# 3896962 CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2200-5800.	<b>22210</b>	224 224	291 287	.450 .460	114 114	114
	USE ONLY IN 1987 AND OLDER S.B. CHEVY ENG EQUIPPED WITH CARBURETTED 267-350 CID V8. CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5200.	<b>22213</b>	214 214	287 287	.444 .444	107 117	112
	<i>Continued on Next Page</i>						

**PERFORMANCE - CHEVROLET CARS & TRUCKS (Continued)**

Line No.	Part Title	Part No.	Description					
<b>14</b>	<b>307 ENG - 1968-73 - 8 Cyl. - 3 7/8 Bore</b>							
	<b>Camshafts Using Hydraulic Flat Tappet Lifters</b>		Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation	
			Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.		
	USE ONLY IN 1987 AND OLDER S.B. CHEVY ENG EQUIPPED WITH CARBURETTED 267-350 CID V8. CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2000-5000.	<b>22215</b>	218 218	295 295	.429 .429	108 112	110	
	CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5300.	<b>22230</b>	214 214	287 287	.444 .444	105 115	110	
	CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2000-5700.	<b>22232</b>	220 231	304 287	.468 .480	106 114	110	
	CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2200-5800.	<b>22233</b>	224 224	300 300	.436 .436	107 109	108	
	CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2000-5500.	<b>22234</b>	224 230	283 291	.480 .486	107 113	110	
	CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2200-5700.	<b>22235</b>	224 224	224 224	.465 .465	112 112	112	
	CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2500-6000.	<b>22301</b>	232 232	288 288	.480 .480	106 110	108	
	CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2200-5700.	<b>22303</b>	224 234	298 304	.466 .488	107 117	112	
	CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2700-6200.	<b>22305</b>	234 244	303 313	.488 .508	107 117	112	
	CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2500-6000.	<b>22320</b>	230 230	304 304	.453 .453	112 116	114	
	CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3300-6700.	<b>22401</b>	244 254	313 328	.508 .533	107 117	112	
	<i>Continued on Next Page</i>							

**PERFORMANCE - CHEVROLET CARS & TRUCKS (Continued)**

Line No.	Part Title	Part No.	Description				
<b>14</b>	<b>307 ENG - 1968-73 - 8 Cyl. - 3 7/8 Bore</b>						
	<b>Camshafts Using Hydraulic Flat Tappet Lifters</b>  CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3300-6800.	<b>22460</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
			Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
			246 246	302 302	.508 .508	106 112	109
	<b>Camshafts Using Hydraulic Retro-fit Roller Lifters</b>  FOR USE WITH RETRO-FIT ROLLER LIFTER [SB817RF16] CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1000-4500	<b>22135</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
			Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
			206 214	265 274	.470 .490	108 116	112
	FOR USE WITH RETRO-FIT ROLLER LIFTER [SB817RF16] CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1500-5000	<b>22136</b>	215 230	284 310	.470 .480	106 114	110
	FOR USE WITH RETRO-FIT ROLLER LIFTER [SB817RF16] CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5200	<b>22237</b>	215 224	284 296	.470 .490	108 116	112
	FOR USE WITH RETRO-FIT ROLLER LIFTER [SB817RF16] CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5300	<b>22238</b>	215 215	284 284	.470 .470	106 114	110
	FOR USE WITH RETRO-FIT ROLLER LIFTER [SB817RF16]	<b>22398</b>	234 238	296 300	.538 .546	107 117	112
	<b>Mell Lube</b>	<b>M-10012</b>	ENGINE ASSEMBLY LUBRICANT				
	<b>Torque Cam Lifter Kit</b>	<b>CL-MTC-1</b>	CLASS I HYD. NOT COMPUTER COMPATIBLE. IMPROVES LOW-MID. PERF. USE (VS-380). USE ONLY WITH CARBURETTED ENGINES. NOT CALIFORNIA COMPLIANT. KIT INCLUDES 1-[MTC-1] CAM, 16-[JB-817] LIFTERS & 4OZ MELL LUBE. CHECK FOR COIL BIND. USE [VS-380] SPRING W/INSTALLED HGT. OF 1.72				
	<b>Mechanical Flat Tappet Lifters</b>	<b>JB-992</b>	STOCK TYPE REPLACEMENT LIFTER, SPECIAL DESIGNED METERING SYSTEM				
	<b>Hydraulic Flat Tappet Lifters</b>	<b>298174</b>	USE FACTORY SETTING				
	<b>298184</b>	ANTI-PUMP UP, SET AT ZERO LASH; MUST BE USED W/ ADJUSTABLE VALVE TRAIN					
<b>Hydraulic Roller Lifters</b>	<b>JB-2079</b>	STOCK TYPE REPLACEMENT LIFTER					
<b>Hydraulic Retro-fit Roller Lifters</b>	<b>SB817RF16</b>	RETRO-FIT LIFTER FOR USE W/ RETRO-FIT ROLLER CAMSHAFTS [22135], [22136], [22237], [22238], [22398]					
<b>Valve Locks</b>	<b>476104</b>	HARDENED 11/32" STEM					
<i>Continued on Next Page</i>							



**PERFORMANCE - CHEVROLET CARS & TRUCKS (Continued)**

<b>Line No.</b>	<b>Part Title</b>	<b>Part No.</b>	<b>Description</b>
<b>14</b>	<b>307 ENG - 1968-73 - 8 Cyl. - 3 7/8 Bore</b>		
	<b>Valve Spring with Mechanical Lifters</b>	<b>466114</b>	OUTER- USE WITH [22410], [22415], [22400] & [22450] CAMS- MACHINING MAY BE REQUIRED 1.430 O.D.
		<b>466274</b>	INNER- USE WITH [22410], [22400] & [22450] CAMS- MACHINING MAY BE REQUIRED 1.080 O.D.
		<b>466364</b>	1.260 O.D.
	<b>Valve Spring with Hydraulic Lifters</b>	<b>VS-380</b>	STOCK REPLACEMENT. USE WITH [MTC-1], [22111], [22107], [22108], [22109], [22114] & [22215] CAMS- NOTE: ASM. HEIGHT OF 1.72 (MACHINING MAY BE REQUIRED)
		<b>VS-739</b>	STOCK REPLACEMENT. USE WITH [22303], [22305] & [22401] CAMS- NOTE: ASM HEIGHT OF 1.72- MACHINING MAY BE REQUIRED CHROME VANADIUM
		<b>466204</b>	USE WITH [22303], [22305] & [22401] CAMS- NOTE: ASM HEIGHT OF 1.72- MACHINING MAY BE REQUIRED
		<b>466354</b>	USE WITH MTC-1, (22110), (22115), (22200), (22210), (22213), (22203), (22320), (22301) CAMSHAFTS. NOTE: ASM HEIGHT OF 1.72 - MACHINING MAY BE REQUIRED.
	<b>Valve Spring Retainers</b>	<b>475074</b>	CHROME MOLY- USE WITH [46611] SPRINGS
		<b>475184</b>	CHROME MOLY- USE WITH [466204] & [466354] SPRINGS
	<b>Rocker Arms</b>	<b>498404</b>	LONG SLOT
	<b>Rocker Arm Stud</b>	<b>MRDS-2920</b>	2.325 OVERALL LENGTH, 3/8" DIAMETER WITH HEX NUT
		<b>MRDS-941</b>	2.560 OVERALL LENGTH, 7/16" DIAMETER WITH HEX NUT
	<b>Chrome Moly Push Rods</b>	<b>500314</b>	EXC. ROLLER 5/16" DIA. STANDARD LENGTH- HEAT TREATED FOR GUIDE PLATES. MAX. SPRING PRESSURE 350 LBS.
		<b>500614</b>	EXC. ROLLER 5/16" DIA. + .100 O/S LENGTH-HEAT TREATED FOR GUIDE PLATES MAX. SPRING PRESSURE 350 LBS.
		<b>500674</b>	EXC. ROLLER 3/8" DIA. MAX. SPRING PRESSURE 350 LBS.
		<b>501004</b>	EXC. ROLLER 5/16" DIA. STANDARD LENGTH - HEAT TREATED FOR GUIDEPLATES (ONE PIECE CONSTRUCTION) MAX. SPRING PRESSURE 500 LBS.
		<b>501014</b>	EXC. ROLLER 5/16" DIA. + .100 O/S LENGTH - HEAT TREATED FOR GUIDE PLATES (ONE PIECE CONSTRUCTION)
		<b>501024</b>	EXC. ROLLER 5/16" DIA. + .150 O/S LENGTH - HEAT TREATED FOR GUIDE PLATES. (ONE PIECE CONSTRUCTION)
		<b>501034</b>	EXC. ROLLER 5/16" DIA. + .200 O/S LENGTH - HEAT TREATED FOR GUIDE PLATES. (ONE PIECE CONSTRUCTION)
	<b>Guide Plates</b>	<b>MGP1004</b>	5/16" THICK-MUST BE USED WITH SCREW-IN ROCKER ARM STUDS. (FLAT)
		<b>MGP1014</b>	3/8" THICK-MUST BE USED WITH SCREW-IN ROCKER ARM STUDS. (FLAT)
		<b>MGP1024</b>	3/8" THICK- MUST BE USED WITH SCREW-IN ROCKER ARM STUDS. (RAISED)
		<b>MGP1034</b>	5/16" THICK- MUST BE USED WITH SCREW-IN ROCKER ARM STUDS. (RAISED)
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**PERFORMANCE - CHEVROLET CARS & TRUCKS (Continued)**

Line No.	Part Title	Part No.	Description
<b>14</b>	<b>307 ENG - 1968-73 - 8 Cyl. - 3 7/8 Bore</b>		
	<b>Gear Drive Set</b>	<b>48400</b>	NOISY - INCLUDES 8620 CARBURIZED STEEL GEARS, ROLLER CAM BUTTON, LOCK PLATE AND BOLTS. TIMING ADJUSTED WITH 5 OPTIONAL COLOR CODED DOWEL PIN HOLE INSERTS. RECOMMENDED FOR STREET AND STRIP, CLAIMER AND RACING ENGINES TO 6,500 RPM. CAR APPLICATIONS ONLY
		<b>48400Q</b>	QUIET - INCLUDES 8620 CARBURIZED STEEL GEARS, ROLLER CAM BUTTON, LOCK PLATE AND BOLTS. TIMING ADJUSTED WITH 5 OPTIONAL COLOR CODED DOWEL PIN HOLE INSERTS. RECOMMENDED FOR STREET AND STRIP, CLAIMER AND RACING ENGINES TO 6,500 RPM.
		<b>48450</b>	INCLUDES 8620 CARBURIZED STEEL GEARS, ROLLER CAMBUTTON, LOCK PLATE AND BOLTS, ADJUSTED W/ 5 COLOR CODED DOWEL PIN HOLE INSERTS. RECOMMENDED FOR STREET AND STRIP, CLAIMER AND RACING ENGINES UP TO 6,500 RPM. TRUCK APPLICATIONS ONLY
	<b>3pc Set</b>	<b>40201</b>	EXCLUDING STOCK ROLLER CAM ENGINES INCLUDES DOUBLE ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET.
		<b>40400</b>	EXCLUDING STOCK ROLLER CAM ENGINES INCLUDES DOUBLE SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET
		<b>40500</b>	EXCLUDING STOCK ROLLER CAM ENGINES INCLUDES SINGLE SEAMLESS SOLID ROLLER CHAIN (.335" ROLLER), CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET.
		<b>48500T-9</b>	RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD AND CLAIMER ENGINES. INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4°/-4° CAM ADJUSTMENT. PRESS FIT ROLLER THRUST BEARINGS.
		<b>48500W-9</b>	RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD AND CLAIMER ENGINES. INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4°/-4° CAM ADJUSTMENT. BRONZE WASHER
		<b>40520</b>	EXCLUDING STOCK ROLLER CAM ENGINES. RACING APPLICATIONS ONLY. INCLUDES 3/8" HY-VO TEC CHAIN, CAM SPROCKET WITH LIGHTENING HOLES & 9-MULTIPLE KEYWAY CRANK SPROCKET
	<b>Oil Pump</b>	<b>M-99HV-S</b>	HI VOL PUMP- MORE VOL AND PRESSURE THAN STOCK PUMP. INCLUDES SCREEN.
	<i>Continued on Next Page</i>		

**PERFORMANCE - CHEVROLET CARS & TRUCKS (Continued)**

Line No.	Part Title	Part No.	Description
<b>14</b>	<b>307 ENG - 1968-73 - 8 Cyl. - 3 7/8 Bore</b>		
	Oil Pump	10050-700CT	(MELLING PATENT 5,810,571) HI VOLUME 25%. MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE COATINGS. SCREW IN VALVE. OFFSET SCREEN FOR 7." PAN INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME MOLY I/S SHAFT. CIRCLE TRACK RACING.
		10050-750SS	(MELLING PATENT 5,810,571) HI VOLUME 25%. MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE COATINGS. SCREW IN VALVE. SCREEN FOR 7.5" PAN INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME MOLY I/S SHAFT. STREET AND STRIP.
		10050-825SS	(MELLING PATENT 5,810,571) HI VOLUME 25%. MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE COATINGS. SCREW IN VALVE. SCREEN FOR 8.25" PAN INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME MOLY I/S SHAFT. STREET AND STRIP.
		10055-700CT	(MELLING PATENT 5,810,571) STANDARD VOLUME. MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE COATINGS. SCREW IN VALVE. OFFSET SCREEN FOR 7." PAN INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME MOLY I/S SHAFT. CIRCLE TRACK RACING.
		10055-750SS	(MELLING PATENT 5,810,571) STANDARD VOLUME. MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE COATINGS. SCREW IN VALVE. SCREEN FOR 7.5" PAN INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME MOLY I/S SHAFT. STREET AND STRIP.
		10055-825SS	(MELLING PATENT 5,810,571) STANDARD VOLUME. MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE COATINGS. SCREW IN VALVE. SCREEN FOR 7.5" PAN INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME MOLY I/S SHAFT. STREET AND STRIP.
		10550	EXC. CHEVY II HI VOL PUMP (25% ADDL VOL OF OIL) - FEATURES: STEEL GEARS; INCLUDES I/S SHAFT W/ STEEL GUIDE. USES 5/8" DIAMETER SCREEN.
		10551	EXC. CHEVY II - 19MM INLET HI VOL PUMP (25% ADDL VOL OF OIL) - FEATURES: STEEL GEARS; INCLUDES I/ S SHAFT W/STEEL GUIDE. USES 3/4" DIAMETER SCREEN.
	<i>Continued on Next Page</i>		

**PERFORMANCE - CHEVROLET CARS & TRUCKS (Continued)**

Line No.	Part Title	Part No.	Description
<b>14</b>	<b>307 ENG - 1968-73 - 8 Cyl. - 3 7/8 Bore</b>		
	<b>Oil Pump</b>	<b>10552</b>	(MELLING PATENT 5,810,571) HI VOL PUMP (10% ADDL VOL OF OIL) - FEATURES: STEEL GEARS; SHAFTS EXTENDED INTO COVER FOR SUPPORT. RELIEF VALVE SPRING HAS SCREW IN PLUG. INCLUDES [12550] CHROME MOLY INTERMEDIATE SHAFT WITH STEEL GUIDE. EITHER A BOLT ON OR PRESS IN SCREEN CAN BE USED WITH THIS PUMP.
		<b>10552C</b>	RACING APPLICATIONS ONLY. (MELLING PATENT 5,810,571) HI VOL PUMP (10% ADDL VOL OF OIL) FEATURES: STEEL GEARS; SHAFTS EXTENDED INTO COVER FOR SUPPORT. RELIEF VALVE SPRING HAS SCREW IN PLUG. INCLUDES [12550] CHROME MOLY INTERMEDIATE SHAFT WITH STEEL GUIDE. HAS ANTI-ANTI-CAVITATION GROOVES. EITHER A BOLT ON OR PRESS IN SCREEN CAN BE USED WITH THIS PUMP.
		<b>10553</b>	FEATURES STEEL GEARS; STANDARD VOLUME VERSION OF THE 10550 PUMP.
		<b>10554</b>	FEATURES STEEL GEARS; STANDARD VOLUME VERSION OF THE 10551 PUMP.
		<b>10555</b>	(MELLING PATENT 5,810,571) HI VOL PUMP (25% ADDL VOL OF OIL) FEATURES: STEEL GEARS; SHAFTS EXTENDED INTO COVER FOR SUPPORT. RELIEF VALVE SPRING HAS SCREW IN PLUG. INCLUDES [12550] CHROME MOLY INTERMEDIATE SHAFT WITH STEEL GUIDE. EITHER A BOLT ON OR PRESS IN SCREEN CAN BE USED WITH THIS PUMP.
		<b>10555C</b>	RACING APPLICATIONS ONLY. (MELLING PATENT 5,810,571) HI VOL PUMP (25% ADDL VOL OF OIL) FEATURES: STEEL GEARS; SHAFTS EXTENDED INTO COVER FOR SUPPORT. RELIEF VALVE SPRING HAS SCREW IN PLUG. INCLUDES [12550] CHROME MOLY INTERMEDIATE SHAFT WITH STEEL GUIDE. HAS ANTI-CAVITATION GROOVES. EITHER A BOLT ON OR PRESS IN SCREEN CAN BE USED WITH THIS PUMP.
		<b>10990</b>	(MELLING PATENT 5,810,571) HI VOLUME PUMP (25% ADDL VOLUME) FEATURES: SHAFTS EXTENDED INTO COVER FOR SUPPORT. RELIEF VALVE HAS SCREW IN PLUG. INCLUDES [12550] CHROME MOLY INTERMEDIATE SHAFT WITH STEEL GUIDE. INCLUDES STOCK SPRING.
		<b>10990C</b>	RACING APPLICATIONS ONLY. (MELLING PATENT 5,810,571) HI VOL PUMP (25% ADDL VOL OF OIL) FEATURES: SHAFTS EXTENDED INTO COVER FOR SUPPORT. RELIEF VALVE HAS SCREW IN PLUG. INCLUDES [12550] CHROME MOLY INTERMEDIATE SHAFT WITH STEEL GUIDE. HAS ANTI-CAVITATION GROOVES.
	<b>Oil Pump Screen</b>	<b>12557</b>	BOLT ON SCREEN. USE W/7" DEEP STOCK TYPE PAN. NOTE: CLEARANCE BETWEEN THE BOLTS AND HOLES ALLOWS 3/16 TO 1/4" ADJUSTMENT UP OR DOWN TO CUSTOM FIT YOUR APPLICATION. BOLT ON SCREEN FOR 10555 PUMP.
	<i>Continued on Next Page</i>		

**PERFORMANCE - CHEVROLET CARS & TRUCKS (Continued)**

Line No.	Part Title	Part No.	Description				
<b>14</b>	<b>307 ENG - 1968-73 - 8 Cyl. - 3 7/8 Bore</b>						
	Oil Pump Screen	12558	BOLT ON SCREEN. USE WITH 7 1/2" DEEP STOCK TYPE PAN. NOTE: CLEARANCE BETWEEN THE BOLTS AND HOLES ALLOWS 3/16 TO 1/4" ADJUSTMENT UP OR DOWN TO CUSTOM FIT YOUR APPLICATION.				
		12559	BOLT ON SCREEN. USE WITH 8" DEEP STOCK TYPE PAN. NOTE: CLEARANCE BETWEEN THE BOLTS AND HOLES ALLOWS 3/16 TO 1/4" ADJUSTMENT UP OR DOWN TO CUSTOM FIT YOUR APPLICATION.				
		12564	BOLT ON SCREEN. USE WITH 7" DEEP OVAL TRACK PAN. NOTE: MESH IS TO THE RIGHT. NOTE: CLEARANCE BETWEEN THE BOLTS AND THE HOLES ALLOWS 3/16" TO 1/4" ADJUSTMENT UP OR DOWN TO CUSTOM FIT YOUR APPLICATION.				
		12566	BOLT ON SCREEN. USE WITH 7 1/2" DEEP OVAL TRACK PAN. NOTE: MESH IS TO THE RIGHT. NOTE: CLEARANCE BETWEEN THE BOLTS AND THE HOLES ALLOWS 3/16" TO 1/4" ADJUSTMENT UP OR DOWN TO CUSTOM FIT YOUR APPLICATION.				
	Oil Pump Drive Shaft	12550	PERFORMANCE TYPE INTERMEDIATE SHAFT. HIGH STRENGTH (150,000 PSI) CHROME MOLY STEEL. IMPROVED SHAFT RETAINER WHICH LOCKS ONTO THE OIL PUMP DRIVE SHAFT				
<b>15</b>	<b>5.3-T,Z (325) ENG - 1999-09 - 8 Cyl. - 3.78 Bore</b>						
	Mell Lube	M-10012	ENGINE ASSEMBLY LUBRICANT				
	Oil Pump	10295	1999-2008 STANDARD VOLUME. HI PRESSURE 10%. PROTECTIVE COATING. SCREW IN VALVE. USES 7/8" BOLT ON SCREEN.				
		10296	1999-2008 HI VOLUME 18%. PROTECTIVE COATING. SCREW IN VALVE. USES 7/8" BOLT ON SCREEN. INCLUDES OPTIONAL HI PRESSURE SPRING.				
<b>16</b>	<b>5.3-O,J,3 (325) OHV ENG - 2007 - 8 Cyl. - 3.78 Bore</b>						
	Mell Lube	M-10012	ENGINE ASSEMBLY LUBRICANT				
	Oil Pump	10355	(AVALANCHE, SUBURBAN) VIN 3 HI VOL PUMP (33% ADDL VOL OF OIL) GEN III APPLICATIONS. STD VOL GEN IV APPLICATIONS. FEATURES: HARDCOAT ANODIZED BODY, CAST IRON PHOSPHATE COATED COVER, ADJUSTABLE PRESSURE W/OPTIONAL SPRING.				
<b>17</b>	<b>327 ENG - 1962-69 - 8 Cyl. - 4.00 Bore</b>						
	Torque Camshaft	MTC-1	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
	HYD. IMPROVES LOW-MID. PERF. CHECK FOR COIL BIND. USE [VS-380] SPRING W/ INSTALLED HGT. OF 1.72. USE ONLY WITH CARBURETTED ENGINES. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1000-4500.		Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
			204 214	278 288	.421 .444	107 117	112
	<i>Continued on Next Page</i>						

**PERFORMANCE - CHEVROLET CARS & TRUCKS (Continued)**

Line No.	Part Title	Part No.	Description				
<b>17</b>	<b>327 ENG - 1962-69 - 8 Cyl. - 4.00 Bore</b>						
	<b>Camshafts Using Mechanical Flat Tappet Lifters</b>	<b>22400</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
			Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
	OEM #3927140 CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3700-7300.		257 270	304 320	.494 .512	108 116	112
	CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2700-6200.	<b>22402</b>	240 250	282 290	.521 .521	104 108	106
	CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3700-7300.	<b>22404</b>	258 266	290 298	.538 .556	99 111	105
	OEM #3849346 CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3600-7200.	<b>22410</b>	254 254	294 294	.484 .484	110 118	114
	OEM #3965754. CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3600-7200.	<b>22450</b>	262 273	309 318	.512 .536	108 116	112
	<b>Camshafts Using Hydraulic Flat Tappet Lifters</b>	<b>C-400-P</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
			Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
	CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2100-5600.		223 223	290 290	.447 .447	110 118	114
	USE ONLY IN 1987 AND OLDER S.B. CHEVY ENG EQUIPPED WITH CARBURETTED 267-350 CID V8. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1000-4500.	<b>22107</b>	208 208	280 280	.408 .408	107 113	110
	USE ONLY IN 1987 AND OLDER S.B. CHEVY ENG EQUIPPED WITH CARBURETTED 267-350 CID V8. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE IDLE-4000.	<b>22108</b>	184 194	260 270	.367 .398	104 104	104
	USE ONLY IN 1987 AND OLDER S.B. CHEVY ENG EQUIPPED WITH CARBURETTED 267-350 CID V8. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE IDLE-4000.	<b>22109</b>	194 204	270 278	.398 .421	104 104	104
	<i>Continued on Next Page</i>						

**PERFORMANCE - CHEVROLET CARS & TRUCKS (Continued)**

Line No.	Part Title	Part No.	Description				
<b>17</b>	<b>327 ENG - 1962-69 - 8 Cyl. - 4.00 Bore</b>						
	<b>Camshafts Using Hydraulic Flat Tappet Lifters</b>		Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
			Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
	USE ONLY IN 1987 AND OLDER S.B. CHEVY ENG EQUIPPED WITH CARBURETTED 267-350 CID V8. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1000-4500.	<b>22110</b>	204 214	278 288	.421 .443	110 110	110
	USE IN 1987-95 S.B. CHEVY ENG. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE IDLE-4000.	<b>22111</b>	194 204	270 278	.398 .421	107 117	112
	USE ONLY IN 1987 AND OLDER S.B. CHEVY ENG EQUIPPED WITH CARBURETTED 267-350 CID V8. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1400-4900.	<b>22114</b>	208 208	280 280	.420 .420	106 116	111
	USE ONLY IN 1987 AND OLDER S.B. CHEVY ENG EQUIPPED WITH CARBURETTED 267-350 CID V8. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1500-5000.	<b>22115</b>	209 216	283 286	.435 .455	107 117	112
	USE ONLY IN 1987 AND OLDER S.B. CHEVY ENG EQUIPPED WITH CARBURETTED 267-350 CID V8. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1250-4750.	<b>22126</b>	194 214	268 288	.398 .441	107 117	112
	OEM# 3863151. CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2100-5600.	<b>22200</b>	223 223	290 290	.447 .447	110 118	114
	USE ONLY IN 1987 AND OLDER S.B. CHEVY ENG EQUIPPED WITH CARBURETTED 267-350 CID V8. CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5200.	<b>22203</b>	214 224	288 298	.444 .466	107 117	112
	OEM# 3896962 CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2200-5800.	<b>22210</b>	224 224	291 287	.450 .460	114 114	114
	<i>Continued on Next Page</i>						

**PERFORMANCE - CHEVROLET CARS & TRUCKS (Continued)**

Line No.	Part Title	Part No.	Description					
<b>17</b>	<b>327 ENG - 1962-69 - 8 Cyl. - 4.00 Bore</b>							
	<b>Camshafts Using Hydraulic Flat Tappet Lifters</b>		Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation	
			Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.		
	USE ONLY IN 1987 AND OLDER S.B. CHEVY ENG EQUIPPED WITH CARBURETTED 267-350 CID V8. CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5200.	<b>22213</b>	214 214	287 287	.444 .444	107 117	112	
	USE ONLY IN 1987 AND OLDER S.B. CHEVY ENG EQUIPPED WITH CARBURETTED 267-350 CID V8. CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2000-5000.	<b>22215</b>	218 218	295 295	.429 .429	108 112	110	
	CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5300.	<b>22230</b>	214 214	287 287	.444 .444	105 115	110	
	CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2000-5700.	<b>22232</b>	220 231	304 287	.468 .480	106 114	110	
	CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2200-5800.	<b>22233</b>	224 224	300 300	.436 .436	107 109	108	
	CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2000-5500.	<b>22234</b>	224 230	283 291	.480 .486	107 113	110	
	CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2200-5700.	<b>22235</b>	224 224	224 224	.465 .465	112 112	112	
	CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2500-6000.	<b>22301</b>	232 232	288 288	.480 .480	106 110	108	
	CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2200-5700.	<b>22303</b>	224 234	298 304	.466 .488	107 117	112	
	CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2700-6200.	<b>22305</b>	234 244	303 313	.488 .508	107 117	112	
	CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2500-6000.	<b>22320</b>	230 230	304 304	.453 .453	112 116	114	
	<i>Continued on Next Page</i>							



**PERFORMANCE - CHEVROLET CARS & TRUCKS (Continued)**

Line No.	Part Title	Part No.	Description				
<b>17</b>	<b>327 ENG - 1962-69 - 8 Cyl. - 4.00 Bore</b>						
	<b>Camshafts Using Hydraulic Flat Tappet Lifters</b>  CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3300-6700.	<b>22401</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
Int. Exh.			Int. Exh.	Int. Exh.	Int. Exh.		
244 254			313 328	.508 .533	107 117	112	
	CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3300-6800.	<b>22460</b>	246 246	302 302	.508 .508	106 112	109
	<b>Camshafts Using Hydraulic Roller Lifters</b>  FOR USE WITH RETRO-FIT ROLLER LIFTER [SB817RF16]	<b>22135</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
Int. Exh.			Int. Exh.	Int. Exh.	Int. Exh.		
206 214			265 274	.470 .490	108 116	112	
	FOR USE WITH RETRO-FIT ROLLER LIFTER [SB817RF16]	<b>22136</b>	215 230	284 310	.470 .480	106 114	110
	FOR USE WITH RETRO-FIT ROLLER LIFTER [SB817RF16]	<b>22237</b>	215 224	284 296	.470 .490	108 116	112
	FOR USE WITH RETRO-FIT ROLLER LIFTER [SB817RF16]	<b>22238</b>	215 215	284 284	.470 .470	106 114	110
	FOR USE WITH RETRO-FIT ROLLER LIFTER [SB817RF16] CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2500-6000.	<b>22398</b>	234 238	296 300	.538 .546	107 117	112
	<b>Mell Lube</b>	<b>M-10012</b>	ENGINE ASSEMBLY LUBRICANT				
	<b>Torque Cam Lifter Kit</b>	<b>CL-MTC-1</b>	CLASS I HYD. NOT COMPUTER COMPATIBLE. IMPROVES LOW-MID PERF. USE (VS-380). USE ONLY WITH CARBURETTED ENGINES. NOT CALIFORNIA COMPLIANT. KIT INCLUDES 1-[MTC-1] CAM, 16-[JB-817] LIFTERS & 4OZ MELL LUBE. CHECK FOR COIL BIND. USE [VS-380] SPRING W/INSTALLED HGT. OF 1.72				
	<b>Mechanical Flat Tappet Lifters</b>	<b>JB-992</b>	STOCK TYPE REPLACEMENT LIFTER, SPECIAL DESIGNED METERING SYSTEM				
	<b>Hydraulic Flat Tappet Lifters</b>	<b>298174</b>	USE FACTORY SETTING				
		<b>298184</b>	ANTI-PUMP UP, SET AT ZERO LASH; MUST BE USED W/ ADJUSTABLE VALVE TRAIN				
	<b>Hydraulic Roller Lifters</b>	<b>JB-2079</b>	STOCK TYPE REPLACEMENT LIFTER				
	<b>Hydraulic Retro-fit Roller Lifters</b>	<b>SB817RF16</b>	RETRO-FIT LIFTER FOR USE W/ RETRO-FIT ROLLER CAMSHAFTS [22135], [22136], [22237], [22238], [22398]				
	<b>Valve Locks</b>	<b>476104</b>	HARDENED 11/32" STEM				
	<b>Valve Spring with Mechanical Lifters</b>	<b>466114</b>	OUTER- USE WITH [22410], [22415], [22400] & [22450] CAMS- MACHINING MAY BE REQUIRED 1.430 O.D.				
		<b>466274</b>	INNER- USE WITH [22410], [22400] & [22450] CAMS- MACHINING MAY BE REQUIRED 1.080 O.D.				
		<b>466364</b>	1.260 O.D.				
	<b>Valve Spring with Hydraulic Lifters</b>	<b>VS-380</b>	STOCK REPLACEMENT. USE WITH [MTC-1], [22111], [22107], [22108], [22109], [22114], [22215] CAMS- NOTE: ASM. HEIGHT OF 1.72 (MACHINING MAY BE REQUIRED)				
	<i>Continued on Next Page</i>						

**PERFORMANCE - CHEVROLET CARS & TRUCKS (Continued)**

Line No.	Part Title	Part No.	Description
<b>17</b>	<b>327 ENG - 1962-69 - 8 Cyl. - 4.00 Bore</b>		
	<b>Valve Spring with Hydraulic Lifters</b>	<b>VS-739</b>	STOCK REPLACEMENT. USE WITH [22303], [22305] & [22401] CAMS- NOTE: ASM HEIGHT OF 1.72- MACHINING MAY BE REQUIRED CHROME VANADIUM
		<b>466204</b>	USE WITH [22303], [22305] & [22401] CAMS- NOTE: ASM HEIGHT OF 1.72- MACHINING MAY BE REQUIRED
		<b>466354</b>	USE WITH MTC-1, (22110), (22115), (22200), (22210), (22213), (22203), (22320), (22301) CAMSHAFTS. NOTE: ASM HEIGHT OF 1.72 - MACHINING MAY BE REQUIRED.
	<b>Valve Spring Retainers</b>	<b>475074</b>	CHROME MOLY- USE WITH [46611] SPRINGS
		<b>475184</b>	CHROME MOLY- USE WITH [466204] & [466354] SPRINGS
	<b>Rocker Arms</b>	<b>498404</b>	LONG SLOT
	<b>Rocker Arm Stud</b>	<b>MRDS-2920</b>	2.325 OVERALL LENGTH, 3/8" DIAMETER WITH HEX NUT
		<b>MRDS-941</b>	2.560 OVERALL LENGTH, 7/16" DIAMETER WITH HEX NUT
	<b>Chrome Moly Push Rods</b>	<b>500314</b>	EXC. ROLLER 5/16" DIA. STANDARD LENGTH- HEAT TREATED FOR GUIDE PLATES. MAX. SPRING PRESSURE 350 LBS.
		<b>500614</b>	EXC. ROLLER 5/16" DIA. + .100 O/S LENGTH-HEAT TREATED FOR GUIDE PLATES MAX. SPRING PRESSURE 350 LBS.
		<b>500674</b>	EXC. ROLLER 3/8" DIA. MAX. SPRING PRESSURE 350 LBS.
		<b>501004</b>	EXC. ROLLER 5/16" DIA. STANDARD LENGTH - HEAT TREATED FOR GUIDEPLATES (ONE PIECE CONSTRUCTION) MAX. SPRING PRESSURE 500 LBS.
		<b>501014</b>	EXC. ROLLER 5/16" DIA. + .100 O/S LENGTH - HEAT TREATED FOR GUIDE PLATES (ONE PIECE CONSTRUCTION)
		<b>501024</b>	EXC. ROLLER 5/16" DIA. + .150 O/S LENGTH - HEAT TREATED FOR GUIDE PLATES. (ONE PIECE CONSTRUCTION)
		<b>501034</b>	EXC. ROLLER 5/16" DIA. + .200 O/S LENGTH - HEAT TREATED FOR GUIDE PLATES. (ONE PIECE CONSTRUCTION)
	<b>Guide Plates</b>	<b>MGP1004</b>	5/16" THICK-MUST BE USED WITH SCREW-IN ROCKER ARM STUDS. (FLAT)
		<b>MGP1014</b>	3/8" THICK-MUST BE USED WITH SCREW-IN ROCKER ARM STUDS. (FLAT)
		<b>MGP1024</b>	3/8" THICK- MUST BE USED WITH SCREW-IN ROCKER ARM STUDS. (RAISED)
		<b>MGP1034</b>	5/16" THICK- MUST BE USED WITH SCREW-IN ROCKER ARM STUDS. (RAISED)
	<b>Gear Drive Set</b>	<b>48400</b>	NOISY - INCLUDES 8620 CARBURIZED STEEL GEARS, ROLLER CAM BUTTON, LOCK PLATE AND BOLTS. TIMING ADJUSTED WITH 5 OPTIONAL COLOR CODED DOWEL PIN HOLE INSERTS. RECOMMENDED FOR STREET AND STRIP, CLAIMER AND RACING ENGINES TO 6,500 RPM.
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**PERFORMANCE - CHEVROLET CARS & TRUCKS (Continued)**

Line No.	Part Title	Part No.	Description
<b>17</b>	<b>327 ENG - 1962-69 - 8 Cyl. - 4.00 Bore</b>		
	<b>Gear Drive Set</b>	<b>48400Q</b>	QUIET - INCLUDES 8620 CARBURIZED STEEL GEARS, ROLLER CAM BUTTON, LOCK PLATE AND BOLTS. TIMING ADJUSTED WITH 5 OPTIONAL COLOR CODED DOWEL PIN HOLE INSERTS. RECOMMENDED FOR STREET AND STRIP, CLAIMER AND RACING ENGINES UP TO 6,500 RPM.
	<b>3pc Set</b>	<b>40201</b>	EXCLUDING STOCK ROLLER CAM ENGINES. INCLUDES DOUBLE ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET.
		<b>40400</b>	EXCLUDING STOCK ROLLER CAM ENGINES. INCLUDES DOUBLE SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET
		<b>40500</b>	EXCLUDING STOCK ROLLER CAM ENGINES. INCLUDES SINGLE SEAMLESS SOLID ROLLER CHAIN (.335" ROLLER), CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET.
		<b>48500T-9</b>	RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD AND CLAIMER ENGINES. INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4°/-4° CAM ADJUSTMENT. PRESS FIT ROLLER THRUST BEARINGS.
		<b>48500W-9</b>	RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD AND CLAIMER ENGINES INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4°/-4° CAM ADJUSTMENT. BRONZE WASHER
		<b>40520</b>	EXCLUDING STOCK ROLLER CAM ENGINES. RACING APPLICATIONS ONLY INCLUDES 3/8" HY-VO TEC CHAIN, CAM SPROCKET WITH LIGHTENING HOLES & 9-MULTIPLE KEYWAY CRANK SPROCKET
	<b>Oil Pump</b>	<b>M-99HV-S</b>	HI VOL PUMP- MORE VOL AND PRESSURE THAN STOCK PUMP. INCLUDES SCREEN.
		<b>10050-700CT</b>	(MELLING PATENT 5,810,571) HI VOLUME 25%. MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE COATINGS. SCREW IN VALVE. OFFSET SCREEN FOR 7." PAN INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME MOLY I/S SHAFT. CIRCLE TRACK RACING.
		<b>10050-750SS</b>	(MELLING PATENT 5,810,571) HI VOLUME 25%. MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE COATINGS. SCREW IN VALVE. SCREEN FOR 7.5" PAN INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME MOLY I/S SHAFT. STREET AND STRIP.
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**PERFORMANCE - CHEVROLET CARS & TRUCKS (Continued)**

Line No.	Part Title	Part No.	Description
<b>17</b>	<b>327 ENG - 1962-69 - 8 Cyl. - 4.00 Bore</b>		
	<b>Oil Pump</b>	<b>10050-825SS</b>	(MELLING PATENT 5,810,571) HI VOLUME 25%. MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE COATINGS. SCREW IN VALVE. SCREEN FOR 8.25" PAN INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME MOLY I/S SHAFT. STREET AND STRIP.
		<b>10055-700CT</b>	(MELLING PATENT 5,810,571) STANDARD VOLUME. MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE COATINGS. SCREW IN VALVE. OFFSET SCREEN FOR 7." PAN INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME MOLY I/S SHAFT. CIRCLE TRACK RACING.
		<b>10055-750SS</b>	(MELLING PATENT 5,810,571) STANDARD VOLUME. MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE COATINGS. SCREW IN VALVE. SCREEN FOR 7.5" PAN INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME MOLY I/S SHAFT. STREET AND STRIP.
		<b>10055-825SS</b>	(MELLING PATENT 5,810,571) STANDARD VOLUME. MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE COATINGS. SCREW IN VALVE. SCREEN FOR 7.5" PAN INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME MOLY I/S SHAFT. STREET AND STRIP.
		<b>10550</b>	EXC. CHEVY II HI VOL PUMP (25% ADDL VOL OF OIL) - FEATURES: STEEL GEARS; INCLUDES I/S SHAFT W/ STEEL GUIDE. USES 5/8" DIAMETER SCREEN.
		<b>10551</b>	EXC. CHEVY II - 19MM INLET HI VOL PUMP (25% ADDL VOL OF OIL) - FEATURES: STEEL GEARS; INCLUDES I/ S SHAFT W/STEEL GUIDE. USES 3/4" DIAMETER SCREEN.
		<b>10552</b>	(MELLING PATENT 5,810,571) HI VOL PUMP (10% ADDL VOL OF OIL) - FEATURES: STEEL GEARS; SHAFTS EXTENDED INTO COVER FOR SUPPORT. RELIEF VALVE SPRING HAS SCREW IN PLUG. INCLUDES [12550] CHROME MOLY INTERMEDIATE SHAFT WITH STEEL GUIDE. EITHER A BOLT ON OR PRESS IN SCREEN CAN BE USED WITH THIS PUMP.
		<b>10552C</b>	RACING APPLICATIONS ONLY. (MELLING PATENT 5,810,571) HI VOL PUMP (10% ADDL VOL OF OIL) FEATURES: STEEL GEARS; SHAFTS EXTENDED INTO COVER FOR SUPPORT. REFIEF VALVE SPRING HAS SCREW IN PLUG. INCLUDES [12550] CHROME MOLY INTERMEDIATE SHAFT WITH STEEL GUIDE. HAS ANTI-ANTI-CAVITATION GROOVES. EITHER A BOLT ON OR PRESS IN SCREEN CAN BE USED WITH THIS PUMP.
		<b>10553</b>	FEATURES STEEL GEARS; STANDARD VOLUME VERSION OF THE 10550 PUMP.
	<i>Continued on Next Page</i>		

**PERFORMANCE - CHEVROLET CARS & TRUCKS (Continued)**

Line No.	Part Title	Part No.	Description
<b>17</b>	<b>327 ENG - 1962-69 - 8 Cyl. - 4.00 Bore</b>		
	<b>Oil Pump</b>	<b>10554</b>	FEATURES STEEL GEARS; STANDARD VOLUME VERSION OF THE 10551 PUMP.
		<b>10555</b>	(MELLING PATENT 5,810,571) HI VOL PUMP (25% ADDL VOL OF OIL) FEATURES: STEEL GEARS; SHAFTS EXTENDED INTO COVER FOR SUPPORT. RELIEF VALVE SPRING HAS SCREW IN PLUG. INCLUDES [12550] CHROME MOLY INTERMEDIATE SHAFT WITH STEEL GUIDE. EITHER A BOLT ON OR PRESS IN SCREEN CAN BE USED WITH THIS PUMP.
		<b>10555C</b>	RACING APPLICATIONS ONLY. (MELLING PATENT 5,810,571) HI VOL PUMP (25% ADDL VOL OF OIL) FEATURES: STEEL GEARS; SHAFTS EXTENDED INTO COVER FOR SUPPORT. RELIEF VALVE SPRING HAS SCREW IN PLUG. INCLUDES [12550] CHROME MOLY INTERMEDIATE SHAFT WITH STEEL GUIDE. HAS ANTI-CAVITATION GROOVES. EITHER A BOLT ON OR PRESS IN SCREEN CAN BE USED WITH THIS PUMP.
		<b>10990</b>	(MELLING PATENT 5,810,571) HI VOLUME PUMP (25% ADDL VOLUME) FEATURES: SHAFTS EXTENDED INTO COVER FOR SUPPORT. RELIEF VALVE HAS SCREW IN PLUG. INCLUDES [12550] CHROME MOLY INTERMEDIATE SHAFT WITH STEEL GUIDE. INCLUDES STOCK SPRING.
		<b>10990C</b>	RACING APPLICATIONS ONLY. (MELLING PATENT 5,810,571) HI VOL PUMP (25% ADDL VOL OF OIL) FEATURES: SHAFTS EXTENDED INTO COVER FOR SUPPORT. RELIEF VALVE HAS SCREW IN PLUG. INCLUDES [12550] CHROME MOLY INTERMEDIATE SHAFT WITH STEEL GUIDE. HAS ANTI-CAVITATION GROOVES.
	<b>Oil Pump Screen</b>	<b>12557</b>	BOLT ON SCREEN. USE W/7" DEEP STOCK TYPE PAN. NOTE: CLEARANCE BETWEEN THE BOLTS AND HOLES ALLOWS 3/16 TO 1/4" ADJUSTMENT UP OR DOWN TO CUSTOM FIT YOUR APPLICATION. BOLT ON SCREEN FOR 10555 PUMP.
		<b>12558</b>	BOLT ON SCREEN. USE WITH 7 1/2" DEEP STOCK TYPE PAN. NOTE: CLEARANCE BETWEEN THE BOLTS AND HOLES ALLOWS 3/16 TO 1/4" ADJUSTMENT UP OR DOWN TO CUSTOM FIT YOUR APPLICATION.
		<b>12559</b>	BOLT ON SCREEN. USE WITH 8" DEEP STOCK TYPE PAN. NOTE: CLEARANCE BETWEEN THE BOLTS AND HOLES ALLOWS 3/16 TO 1/4" ADJUSTMENT UP OR DOWN TO CUSTOM FIT YOUR APPLICATION.
		<b>12564</b>	BOLT ON SCREEN. USE WITH 7" DEEP OVAL TRACK PAN. NOTE: MESH IS TO THE RIGHT. NOTE: CLEARANCE BETWEEN THE BOLTS AND THE HOLES ALLOWS 3/16" TO 1/4" ADJUSTMENT UP OR DOWN TO CUSTOM FIT YOUR APPLICATION.
		<b>12566</b>	BOLT ON SCREEN. USE WITH 7 1/2" DEEP OVAL TRACK PAN. NOTE: MESH IS TO THE RIGHT. NOTE: CLEARANCE BETWEEN THE BOLTS AND THE HOLES ALLOWS 3/16" TO 1/4" ADJUSTMENT UP OR DOWN TO CUSTOM FIT YOUR APPLICATION.
	<i>Continued on Next Page</i>		

**PERFORMANCE - CHEVROLET CARS & TRUCKS (Continued)**

Line No.	Part Title	Part No.	Description				
<b>17</b>	<b>327 ENG - 1962-69 - 8 Cyl. - 4.00 Bore</b>						
	Oil Pump Drive Shaft	12550	PERFORMANCE TYPE INTERMEDIATE SHAFT. HIGH STRENGTH (150,000 PSI) CHROME MOLY STEEL. IMPROVED SHAFT RETAINER WHICH LOCKS ONTO THE OIL PUMP DRIVE SHAFT				
<b>18</b>	<b>350 ENG - 1967-02 - 8 Cyl. - 4.00 Bore</b>						
	<b>Torque Camshaft</b>	<b>MTC-1</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
	1967-1987 HYD. IMPROVES LOW-MID. PERF. CHECK FOR COIL BIND. USE [VS-380] SPRING W/INSTALLED HGT. OF 1.72. USE ONLY WITH CARBURETTED ENGINES. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1000-4500.		Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
			204 214	278 288	.421 .444	107 117	112
	<b>Camshafts Using Mechanical Flat Tappet Lifters</b>	<b>22400</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
	OEM #3927140 CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3700-7300.		Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
			257 270	304 320	.494 .512	108 116	112
	CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2700-6200.	<b>22402</b>	240 250	282 290	.521 .521	104 108	106
	CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3700-7300.	<b>22404</b>	258 266	290 298	.538 .556	99 111	105
	OEM #3849346 CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3600-7200.	<b>22410</b>	254 254	294 294	.484 .484	110 118	114
	OEM #3965754. CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3600-7200.	<b>22450</b>	262 273	309 318	.512 .536	108 116	112
	<b>Camshafts Using Hydraulic Flat Tappet Lifters</b>	<b>C-400-P</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
	CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2100-5600.		Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
			223 223	290 290	.447 .447	110 118	114
	<i>Continued on Next Page</i>						

**PERFORMANCE - CHEVROLET CARS & TRUCKS (Continued)**

Line No.	Part Title	Part No.	Description					
<b>18</b>	<b>350 ENG - 1967-02 - 8 Cyl. - 4.00 Bore</b>							
	<b>Camshafts Using Hydraulic Flat Tappet Lifters</b>		Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation	
			Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.		
	USE ONLY IN 1987 AND OLDER S.B. CHEVY ENG EQUIPPED WITH CARBURETTED 267-350 CID V8. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATBLE. POWER RANGE 1000-4500.	<b>22107</b>	208 208	280 280	.408 .408	107 113	110	
	USE ONLY IN 1987 AND OLDER S.B. CHEVY ENG EQUIPPED WITH CARBURETTED 267-350 CID V8. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE IDLE-4000.	<b>22108</b>	184 194	260 270	.367 .398	104 104	104	
	USE ONLY IN 1987 AND OLDER S.B. CHEVY ENG EQUIPPED WITH CARBURETTED 267-350 CID V8. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE IDLE-4000.	<b>22109</b>	194 204	270 278	.398 .421	104 104	104	
	USE ONLY IN 1987 AND OLDER S.B. CHEVY ENG EQUIPPED WITH CARBURETTED 267-350 CID V8. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1000-4500.	<b>22110</b>	204 214	278 288	.421 .443	110 110	110	
	USE IN 1987-95 S.B. CHEVY ENG. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE IDLE-4000.	<b>22111</b>	194 204	270 278	.398 .421	107 117	112	
	USE ONLY IN 1987 AND OLDER S.B. CHEVY ENG EQUIPPED WITH CARBURETTED 267-350 CID V8. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1400-4900.	<b>22114</b>	208 208	280 280	.420 .420	106 116	111	
	USE ONLY IN 1987 AND OLDER S.B. CHEVY ENG EQUIPPED WITH CARBURETTED 267-350 CID V8. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1500-5000.	<b>22115</b>	209 216	283 286	.435 .455	107 117	112	
	<i>Continued on Next Page</i>							

**PERFORMANCE - CHEVROLET CARS & TRUCKS (Continued)**

Line No.	Part Title	Part No.	Description				
<b>18</b>	<b>350 ENG - 1967-02 - 8 Cyl. - 4.00 Bore</b>						
	<b>Camshafts Using Hydraulic Flat Tappet Lifters</b>		Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
			Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
	USE ONLY IN 1987 AND OLDER S.B. CHEVY ENG EQUIPPED WITH CARBURETTED 267-350 CID V8. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1250-4750.	<b>22126</b>	194 214	268 288	.398 .441	107 117	112
	OEM# 3863151. CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2100-5600.	<b>22200</b>	223 223	290 290	.447 .447	110 118	114
	USE ONLY IN 1987 AND OLDER S.B. CHEVY ENG EQUIPPED WITH CARBURETTED 267-350 CID V8. CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5200.	<b>22203</b>	214 224	288 298	.444 .466	107 117	112
	OEM# 3896962 CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2200-5800.	<b>22210</b>	224 224	291 287	.450 .460	114 114	114
	USE ONLY IN 1987 AND OLDER S.B. CHEVY ENG EQUIPPED WITH CARBURETTED 267-350 CID V8. CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5200.	<b>22213</b>	214 214	287 287	.444 .444	107 117	112
	USE ONLY IN 1987 AND OLDER S.B. CHEVY ENG EQUIPPED WITH CARBURETTED 267-350 CID V8. CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2000-5000.	<b>22215</b>	218 218	295 295	.429 .429	108 112	110
	CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5300.	<b>22230</b>	214 214	287 287	.444 .444	105 115	110
	CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2000-5700.	<b>22232</b>	220 231	304 287	.468 .480	106 114	110
	CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2200-5800.	<b>22233</b>	224 224	300 300	.436 .436	107 109	108
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**PERFORMANCE - CHEVROLET CARS & TRUCKS (Continued)**

Line No.	Part Title	Part No.	Description				
<b>18</b>	<b>350 ENG - 1967-02 - 8 Cyl. - 4.00 Bore</b>						
	<b>Camshafts Using Hydraulic Flat Tappet Lifters</b>		Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
			Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
	CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2000-5500.	<b>22234</b>	224 230	283 291	.480 .486	107 113	110
	1967-1987 CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2200-5700.	<b>22235</b>	224 224	224 224	.465 .465	112 112	112
	CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2500-6000.	<b>22301</b>	232 232	288 288	.480 .480	106 110	108
	CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2200-5700.	<b>22303</b>	224 234	298 304	.466 .488	107 117	112
	CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2700-6200.	<b>22305</b>	234 244	303 313	.488 .508	107 117	112
	CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2500-6000.	<b>22320</b>	230 230	304 304	.453 .453	112 116	114
	CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3300-6700.	<b>22401</b>	244 254	313 328	.508 .533	107 117	112
	CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3300-6800.	<b>22460</b>	246 246	302 302	.508 .508	106 112	109
	<b>Camshafts Using Hydraulic Roller Lifters</b>		Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
			Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
	1987-1994 CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE IDLE-4500.	<b>22129</b>	198 210	273 288	.434 .462	108 116	112
	1987-1994 CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1000-4500.	<b>22131</b>	207 214	271 280	.410 .427	117 117	117
1987-1994 CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE IDLE-4500.	<b>22221</b>	197 206	261 276	.433 .450	105 114	109	
<i>Continued on Next Page</i>							

**PERFORMANCE - CHEVROLET CARS & TRUCKS (Continued)**

Line No.	Part Title	Part No.	Description				
<b>18</b>	<b>350 ENG - 1967-02 - 8 Cyl. - 4.00 Bore</b>						
	<b>Camshafts Using Hydraulic Roller Lifters</b>  1987-1998 FOR ENGINE ORIGINALLY EQUIPPED W/ ROLLER CAM. CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2000-5200.	<b>22280</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
Int. Exh.			Int. Exh.	Int. Exh.	Int. Exh.		
220 224			283 287	.495 .502	107 113	110	
	1987-1999 CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2000-5500.	<b>22298</b>	222 232	297 307	.478 .501	109 119	114
	1987-1994 CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2500-6200.	<b>22397</b>	234 238	296 300	.538 .546	107 117	112
	<b>Camshafts Using Hydraulic Retro-fit Roller Lifters</b>  FOR USE WITH RETRO-FIT ROLLER LIFTERS [SB817RF16] AND [SB079RF16] CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1000-4500	<b>22135</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
Int. Exh.			Int. Exh.	Int. Exh.	Int. Exh.		
206 214			265 274	.470 .490	108 116	112	
	FOR USE WITH RETRO-FIT ROLLER LIFTERS [SB817RF16] AND [SB079RF16] CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1500-5000	<b>22136</b>	215 230	284 310	.470 .480	106 114	110
	1967-1987 FOR USE WITH RETRO-FIT ROLLER LIFTERS [SB817RF16] AND [SB079RF16] CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5200	<b>22237</b>	215 224	284 296	.470 .490	108 116	112
	FOR USE WITH RETRO-FIT ROLLER LIFTERS [SB817RF16] AND [SB079RF16] CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5300	<b>22238</b>	215 215	284 284	.470 .470	106 114	110
	FOR USE WITH RETRO-FIT ROLLER LIFTERS [SB817RF16] AND [SB079RF16]	<b>22398</b>	234 238	296 300	.538 .546	107 117	112
	<b>Mell Lube</b>	<b>M-10012</b>	ENGINE ASSEMBLY LUBRICANT				
	<i>Continued on Next Page</i>						

**PERFORMANCE - CHEVROLET CARS & TRUCKS (Continued)**

<b>Line No.</b>	<b>Part Title</b>	<b>Part No.</b>	<b>Description</b>
<b>18</b>	<b>350 ENG - 1967-02 - 8 Cyl. - 4.00 Bore</b>		
	<b>Torque Cam Lifter Kit</b>	<b>CL-MTC-1</b>	1967-1987 CLASS I HYD. NOT COMPUTER COMPATIBLE. IMPROVES LOW-MID PERF. USE (VS-380). USE ONLY WITH CARBURETTED ENGINES. NOT CALIFORNIA COMPLIANT. KIT INCLUDES 1-[MTC-1] CAM, 16-[JB-817] LIFTERS & 4OZ MELL LUBE. CHECK FOR COIL BIND. USE [VS-380] SPRING W/INSTALLED HGT. OF 1.72
	<b>Mechanical Flat Tappet Lifters</b>	<b>JB-992</b>	STOCK TYPE REPLACEMENT LIFTER, SPECIAL DESIGNED METERING SYSTEM
	<b>Hydraulic Flat Tappet Lifters</b>	<b>298174</b>	USE FACTORY SETTING
		<b>298184</b>	ANTI-PUMP UP, SET AT ZERO LASH; MUST BE USED W/ ADJUSTABLE VALVE TRAIN
	<b>Hydraulic Roller Lifters</b>	<b>JB-2079</b>	STOCK TYPE REPLACEMENT LIFTER
	<b>Hydraulic Retro-fit Roller Lifters</b>	<b>SB079RF16</b>	1986-2002 RETRO-FIT LIFTER FOR USE W/ RETRO-FIT ROLLER CAMSHAFTS [22135], [22136], [22237], [22238], [22398]
		<b>SB817RF16</b>	1967-1985 RETRO-FIT LIFTER FOR USE W/ RETRO-FIT ROLLER CAMSHAFTS [22135], [22136], [22237], [22238], [22398]
	<b>Valve Locks</b>	<b>476104</b>	HARDENED 11/32" STEM
	<b>Valve Spring with Mechanical Lifters</b>	<b>466114</b>	OUTER- USE WITH [22410], [22400] & [22450] CAMS- MACHINING MAY BE REQUIRED 1.430 O.D.
		<b>466274</b>	INNER- USE WITH [22410], [22400] & [22450] CAMS- MACHINING MAY BE REQUIRED 1.080 O.D.
		<b>466364</b>	1.260 O.D.
	<b>Valve Spring with Hydraulic Lifters</b>	<b>VS-380</b>	STOCK REPLACEMENT. USE WITH [MTC-1], [22111], [22107], [22108], [22109], [22114], [22215] CAMS- NOTE: ASM. HEIGHT OF 1.72 (MACHINING MAY BE REQUIRED)
		<b>VS-739</b>	STOCK REPLACEMENT. USE WITH [22303], [22305] & [22401] CAMS- NOTE: ASM HEIGHT OF 1.72- MACHINING MAY BE REQUIRED CHROME VANADIUM
		<b>466204</b>	USE WITH [22303], [22305] & [22401] CAMS- NOTE: ASM HEIGHT OF 1.72- MACHINING MAY BE REQUIRED
		<b>466354</b>	USE WITH [MTC-1], [22110], [22115], [22200], [22210], [22213], [22203], [22320] & [22301] CAMSHAFTS. NOTE: ASM HEIGHT OF 1.72 - MACHINING MAY BE REQUIRED.
	<b>Valve Spring Retainers</b>	<b>475074</b>	CHROME MOLY - USE WITH [466114] SPRINGS
		<b>475184</b>	CHROME MOLY - USE WITH [466204] & [466354] SPRINGS
	<b>Rocker Arms</b>	<b>498404</b>	LONG SLOT
	<b>Rocker Arm Stud</b>	<b>MRDS-2920</b>	2.325 OVERALL LENGTH, 3/8" DIAMETER WITH HEX NUT
		<b>MRDS-941</b>	2.560 OVERALL LENGTH, 7/16" DIAMETER WITH HEX NUT
	<b>Chrome Moly Push Rods</b>	<b>500314</b>	EXC. ROLLER 5/16" DIA. STANDARD LENGTH- HEAT TREATED FOR GUIDE PLATES. MAX. SPRING PRESSURE 350 LBS.
		<b>500614</b>	EXC. ROLLER 5/16" DIA. + .100 O/S LENGTH-HEAT TREATED FOR GUIDE PLATES MAX. SPRING PRESSURE 350 LBS.
		<b>500674</b>	EXC. ROLLER 3/8" DIA. MAX. SPRING PRESSURE 350 LBS.
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**PERFORMANCE - CHEVROLET CARS & TRUCKS (Continued)**

Line No.	Part Title	Part No.	Description
<b>18</b>	<b>350 ENG - 1967-02 - 8 Cyl. - 4.00 Bore</b>		
	<b>Chrome Moly Push Rods</b>	<b>501004</b>	EXC. ROLLER 5/16" DIA. STANDARD LENGTH - HEAT TREATED FOR GUIDEPLATES (ONE PIECE CONSTRUCTION) MAX. SPRING PRESSURE 500 LBS.
		<b>501014</b>	EXC. ROLLER 5/16" DIA. + .100 O/S LENGTH - HEAT TREATED FOR GUIDE PLATES (ONE PIECE CONSTRUCTION)
		<b>501024</b>	EXC. ROLLER 5/16" DIA. + .150 O/S LENGTH - HEAT TREATED FOR GUIDE PLATES. (ONE PIECE CONSTRUCTION)
		<b>501034</b>	EXC. ROLLER 5/16" DIA. + .200 O/S LENGTH - HEAT TREATED FOR GUIDE PLATES. (ONE PIECE CONSTRUCTION)
	<b>Guide Plates</b>	<b>MGP1004</b>	5/16" THICK-MUST BE USED WITH SCREW-IN ROCKER ARM STUDS. (FLAT)
		<b>MGP1014</b>	3/8" THICK-MUST BE USED WITH SCREW-IN ROCKER ARM STUDS. (FLAT)
		<b>MGP1024</b>	3/8" THICK- MUST BE USED WITH SCREW-IN ROCKER ARM STUDS. (RAISED)
		<b>MGP1034</b>	5/16" THICK- MUST BE USED WITH SCREW-IN ROCKER ARM STUDS. (RAISED)
	<b>Gear Drive Set</b>	<b>48400</b>	1967-1988 NOISY - 8620 CARBURIZED STEEL GEARS, ROLLER CAM BUTTON, LOCK PLATE AND BOLTS. TIMING ADJUSTED W/5 COLOR CODED DOWEL PIN HOLE INSERTS. RECOMMENDED FOR STREET AND STRIP, CLAIMER, RACING ENGINES TO 6,500 RPM. VIN CODE 8 1982-86 ONLY. CAR APPLICATIONS ONLY.
		<b>48400</b>	1969-1996 NOISY - INCLUDES 8620 CARBURIZED STEEL GEARS, ROLLER CAM BUTTON, LOCK PLATE AND BOLTS. TIMING ADJUSTED WITH 5 OPTIONAL COLOR CODED DOWEL PIN HOLE INSERTS. RECOMMENDED FOR STREET AND STRIP, CLAIMER AND RACING ENGINES TO 6,500 RPM. TRUCK APPLICATIONS ONLY
		<b>48400Q</b>	1969-1996 QUIET - INCLUDES 8620 CARBURIZED STEEL GEARS, ROLLER CAM BUTTON, LOCK PLATE AND BOLTS. TIMING ADJUSTED WITH 5 OPTIONAL COLOR CODED DOWEL PIN HOLE INSERTS. RECOMMENDED FOR STREET AND STRIP, CLAIMER AND RACING ENGINES TO 6,500 RPM. TRUCK APPLICATIONS ONLY
		<b>48400Q</b>	1967-1988 QUIET - 8620 CARBURIZED STEEL GEARS, ROLLER CAM BUTTON, LOCK PLATE AND BOLTS. TIMING ADJUSTED W/5 OPTIONAL COLOR CODED DOWEL PIN HOLE INSERTS. RECOMMENDED FOR STREET AND STRIP, CLAIMER, RACING ENGINES TO 6,500 RPM. VIN 8 82-86 ONLY. CAR APPLICATIONS ONLY.
		<b>48450</b>	1987-1992 INCLUDES 8620 CARBURIZED STEEL GEARS, ROLLER CAM BUTTON, LOCK PLATE AND BOLTS, ADJUSTED W/5 COLOR CODED DOWEL PIN HOLE INSERTS. RECOMMENDED FOR STREET AND STRIP, CLAIMER AND RACING ENGINES UP TO 6,500 RPM. CARS AND TRUCK APPLICATIONS
	<i>Continued on Next Page</i>		

**PERFORMANCE - CHEVROLET CARS & TRUCKS (Continued)**

Line No.	Part Title	Part No.	Description
<b>18</b>	<b>350 ENG - 1967-02 - 8 Cyl. - 4.00 Bore</b>		
	3pc Set	40201	1967-1992 EXCLUDES STOCK ROLLER CAM ENGINES INCLUDES DOUBLE ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET.
		40400	1967-1992 EXCLUDING STOCK ROLLER CAM ENGINES INCLUDES DOUBLE SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET
		40500	1967-1992 EXCLUDING STOCK ROLLER CAM ENGINES. INCLUDES SINGLE SEAMLESS SOLID ROLLER CHAIN (.335" ROLLER), CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET.
		48500T-9	1967-1988 RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD AND CLAIMER ENGINES. VIN 8 1982-86 ONLY. CAR APPLICATIONS ONLY. INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4°/-4° CAM ADJUSTMENT. PRESS FIT ROLLER THRUST BEARINGS.
		48500T-9	1969-1996 RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD AND CLAIMER ENGINES. TRUCK APPLICATIONS ONLY INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4°/-4° CAM ADJUSTMENT. PRESS FIT ROLLER THRUST BEARINGS.
		48500W-9	1969-1996 RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD AND CLAIMER ENGINES. TRUCK APPLICATIONS ONLY INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4°/-4° CAM ADJUSTMENT. BRONZE WASHER
		48500W-9	1967-1988 RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD AND CLAIMER ENGINES. VIN 8 1982-86 ONLY. CAR APPLICATIONS ONLY. INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4°/-4° CAM ADJUSTMENT. BRONZE WASHER
		40520	1967-1992 EXCLUDING STOCK ROLLER CAM ENGINES. RACING APPLICATIONS ONLY INCLUDES 3/8" HY-VO TEC CHAIN, CAM SPROCKET WITH LIGHTENING HOLES & 9-MULTIPLE KEYWAY CRANK SPROCKET
	Oil Pump	M-99HV-S	HI VOL PUMP- MORE VOL AND PRESSURE THAN STOCK PUMP. INCLUDES SCREEN.
		10050-700CT	(MELLING PATENT 5,810,571) HI VOLUME 25%. MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE COATINGS. SCREW IN VALVE. OFFSET SCREEN FOR 7." PAN INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME MOLY I/S SHAFT. CIRCLE TRACK RACING.
	<i>Continued on Next Page</i>		

**PERFORMANCE - CHEVROLET CARS & TRUCKS (Continued)**

Line No.	Part Title	Part No.	Description
<b>18</b>	<b>350 ENG - 1967-02 - 8 Cyl. - 4.00 Bore</b>		
	<b>Oil Pump</b>	<b>10050-750SS</b>	(MELLING PATENT 5,810,571) HI VOLUME 25%. MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE COATINGS. SCREW IN VALVE. SCREEN FOR 7.5" PAN INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME MOLY I/S SHAFT. STREET AND STRIP.
		<b>10050-825SS</b>	(MELLING PATENT 5,810,571) HI VOLUME 25%. MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE COATINGS. SCREW IN VALVE. SCREEN FOR 8.25" PAN INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME MOLY I/S SHAFT. STREET AND STRIP.
		<b>10055-700CT</b>	(MELLING PATENT 5,810,571) STANDARD VOLUME. MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE COATINGS. SCREW IN VALVE. OFFSET SCREEN FOR 7." PAN INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME MOLY I/S SHAFT. CIRCLE TRACK RACING.
		<b>10055-750SS</b>	(MELLING PATENT 5,810,571) STANDARD VOLUME. MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE COATINGS. SCREW IN VALVE. SCREEN FOR 7.5" PAN INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME MOLY I/S SHAFT. STREET AND STRIP.
		<b>10055-825SS</b>	(MELLING PATENT 5,810,571) STANDARD VOLUME. MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE COATINGS. SCREW IN VALVE. SCREEN FOR 7.5" PAN INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME MOLY I/S SHAFT. STREET AND STRIP.
		<b>10550</b>	EXC. CHEVY II HI VOL PUMP (25% ADDL VOL OF OIL) - FEATURES: STEEL GEARS; INCLUDES I/S SHAFT W/ STEEL GUIDE. USES 5/8" DIAMETER SCREEN.
		<b>10551</b>	EXC. CHEVY II - 19MM INLET HI VOL PUMP (25% ADDL VOL OF OIL) - FEATURES: STEEL GEARS; INCLUDES I/ S SHAFT W/STEEL GUIDE. USES 3/4" DIAMETER SCREEN.
		<b>10552</b>	(MELLING PATENT 5,810,571) HI VOL PUMP (10% ADDL VOL OF OIL) - FEATURES: STEEL GEARS; SHAFTS EXTENDED INTO COVER FOR SUPPORT. RELIEF VALVE SPRING HAS SCREW IN PLUG. INCLUDES [12550] CHROME MOLY INTERMEDIATE SHAFT WITH STEEL GUIDE. EITHER A BOLT ON OR PRESS IN SCREEN CAN BE USED WITH THIS PUMP.
	<i>Continued on Next Page</i>		

**PERFORMANCE - CHEVROLET CARS & TRUCKS (Continued)**

Line No.	Part Title	Part No.	Description
<b>18</b>	<b>350 ENG - 1967-02 - 8 Cyl. - 4.00 Bore</b>		
	<b>Oil Pump</b>	<b>10552C</b>	RACING APPLICATIONS ONLY. (MELLING PATENT 5,810,571) HI VOL PUMP (10% ADDL VOL OF OIL) FEATURES: STEEL GEARS; SHAFTS EXTENDED INTO COVER FOR SUPPORT. RELIEF VALVE SPRING HAS SCREW IN PLUG. INCLUDES [12550] CHROME MOLY INTERMEDIATE SHAFT WITH STEEL GUIDE. HAS ANTI-ANTI-CAVITATION GROOVES. EITHER A BOLT ON OR PRESS IN SCREEN CAN BE USED WITH THIS PUMP.
		<b>10553</b>	FEATURES STEEL GEARS; STANDARD VOLUME VERSION OF THE 10550 PUMP.
		<b>10554</b>	FEATURES STEEL GEARS; STANDARD VOLUME VERSION OF THE 10551 PUMP.
		<b>10555</b>	(MELLING PATENT 5,810,571) HI VOL PUMP (25% ADDL VOL OF OIL) FEATURES: STEEL GEARS; SHAFTS EXTENDED INTO COVER FOR SUPPORT. RELIEF VALVE SPRING HAS SCREW IN PLUG. INCLUDES [12550] CHROME MOLY INTERMEDIATE SHAFT WITH STEEL GUIDE. EITHER A BOLT ON OR PRESS IN SCREEN CAN BE USED WITH THIS PUMP.
		<b>10555C</b>	RACING APPLICATIONS ONLY. (MELLING PATENT 5,810,571) HI VOL PUMP (25% ADDL VOL OF OIL) FEATURES: STEEL GEARS; SHAFTS EXTENDED INTO COVER FOR SUPPORT. RELIEF VALVE SPRING HAS SCREW IN PLUG. INCLUDES [12550] CHROME MOLY INTERMEDIATE SHAFT WITH STEEL GUIDE. HAS ANTI-CAVITATION GROOVES. EITHER A BOLT ON OR PRESS IN SCREEN CAN BE USED WITH THIS PUMP.
		<b>10990</b>	(MELLING PATENT 5,810,571) HI VOLUME PUMP (25% ADDL VOLUME) FEATURES: SHAFTS EXTENDED INTO COVER FOR SUPPORT. RELIEF VALVE HAS SCREW IN PLUG. INCLUDES [12550] CHROME MOLY INTERMEDIATE SHAFT WITH STEEL GUIDE. INCLUDES STOCK SPRING.
		<b>10990C</b>	RACING APPLICATIONS ONLY. (MELLING PATENT 5,810,571) HI VOL PUMP (25% ADDL VOL OF OIL) FEATURES: SHAFTS EXTENDED INTO COVER FOR SUPPORT. RELIEF VALVE HAS SCREW IN PLUG. INCLUDES [12550] CHROME MOLY INTERMEDIATE SHAFT WITH STEEL GUIDE. HAS ANTI-CAVITATION GROOVES.
	<b>Oil Pump Screen</b>	<b>12557</b>	BOLT ON SCREEN. USE W/7" DEEP STOCK TYPE PAN. NOTE: CLEARANCE BETWEEN THE BOLTS AND HOLES ALLOWS 3/16 TO 1/4" ADJUSTMENT UP OR DOWN TO CUSTOM FIT YOUR APPLICATION. BOLT ON SCREEN FOR 10555 PUMP.
		<b>12558</b>	BOLT ON SCREEN. USE WITH 7 1/2" DEEP STOCK TYPE PAN. NOTE: CLEARANCE BETWEEN THE BOLTS AND HOLES ALLOWS 3/16 TO 1/4" ADJUSTMENT UP OR DOWN TO CUSTOM FIT YOUR APPLICATION.
		<b>12559</b>	BOLT ON SCREEN. USE WITH 8" DEEP STOCK TYPE PAN. NOTE: CLEARANCE BETWEEN THE BOLTS AND HOLES ALLOWS 3/16 TO 1/4" ADJUSTMENT UP OR DOWN TO CUSTOM FIT YOUR APPLICATION.
	<i>Continued on Next Page</i>		

**PERFORMANCE - CHEVROLET CARS & TRUCKS (Continued)**

Line No.	Part Title	Part No.	Description				
<b>18</b>	<b>350 ENG - 1967-02 - 8 Cyl. - 4.00 Bore</b>						
	Oil Pump Screen	12564	BOLT ON SCREEN. USE WITH 7" DEEP OVAL TRACK PAN. NOTE: MESH IS TO THE RIGHT. NOTE: CLEARANCE BETWEEN THE BOLTS AND THE HOLES ALLOWS 3/16" TO 1/4" ADJUSTMENT UP OR DOWN TO CUSTOM FIT YOUR APPLICATION.				
		12566	BOLT ON SCREEN. USE WITH 7 1/2" DEEP OVAL TRACK PAN. NOTE: MESH IS TO THE RIGHT. NOTE: CLEARANCE BETWEEN THE BOLTS AND THE HOLES ALLOWS 3/16" TO 1/4" ADJUSTMENT UP OR DOWN TO CUSTOM FIT YOUR APPLICATION.				
	Oil Pump Drive Shaft	12550	PERFORMANCE TYPE INTERMEDIATE SHAFT. HIGH STRENGTH (150,000 PSI) CHROME MOLY STEEL. IMPROVED SHAFT RETAINER WHICH LOCKS ONTO THE OIL PUMP DRIVE SHAFT				
<b>19</b>	<b>5.7-G,S (350) ENG - 1997-2004 - 8 Cyl. - 4.000 Bore</b>						
	Camshafts Using Hydraulic Roller Lifters  CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATABLE. POWER RANGE 2000-5000.	22201	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
			Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
			223 223	291 291	.566 .566	110 118	114
	Mell Lube	M-10012	ENGINE ASSEMBLY LUBRICANT				
	Valve Spring Retainers	475234	CHROME MOLY.				
	Oil Pump	10295	STANDARD VOLUME. HI PRESSURE 10%. PROTECTIVE COATING. SCREW IN VALVE. USES 7/8" BOLT ON SCREEN.				
		10296	HI VOLUME 18%. PROTECTIVE COATING. SCREW IN VALVE. USES 7/8" BOLT ON SCREEN. INCLUDES OPTIONAL HI PRESSURE SPRING.				
<b>20</b>	<b>6.0 (364) ENG - 1999-07 - 8 Cyl. - 4.00 Bore</b>						
	Mell Lube	M-10012	ENGINE ASSEMBLY LUBRICANT				
	Oil Pump	10295	VIN CODES U,N ONLY STANDARD VOLUME. HI PRESSURE 10%. PROTECTIVE COATING. SCREW IN VALVE. USES 7/8" BOLT ON SCREEN.				
		10296	VIN CODES U,N ONLY HI VOLUME 18%. PROTECTIVE COATING. SCREW IN VALVE. USES 7/8" BOLT ON SCREEN. INCLUDES OPTIONAL HI PRESSURE SPRING.				
		10355	2007-2007 (SUBURBAN, YUKON XL 1/2 TON) VIN Y ONLY HI VOL PUMP (33% ADDL VOL OF OIL) GEN III APPLICATIONS. STD VOL GEN IV APPLICATIONS. FEATURES: HARDCOAT ANODIZED BODY, CAST IRON PHOSPHATE COATED COVER, ADJUSTABLE PRESSURE W/OPTIONAL SPRING.				
<b>21</b>	<b>6.2-8 (378) OHV ENG - 2007 - 8 Cyl. - 4.06 Bore</b>						
	Mell Lube	M-10012	ENGINE ASSEMBLY LUBRICANT				
	<i>Continued on Next Page</i>						



**PERFORMANCE - CHEVROLET CARS & TRUCKS (Continued)**

Line No.	Part Title	Part No.	Description				
<b>21</b>	<b>6.2-8 (378) OHV ENG - 2007 - 8 Cyl. - 4.06 Bore</b>						
	Oil Pump	10355	STD VOL OIL PUMP. FEATURES: HARDCOAT ANODIZED BODY, CAST IRON PHOSPHATE COATED COVER, ADJUSTABLE PRESSURE W/OPTIONAL SPRING. HI VOL PUMP (33% ADDL VOL OF OIL) GEN III APPLICATIONS. STD VOL GEN IV APPLICATIONS. FEATURES: HARDCOAT ANODIZED BODY, CAST IRON PHOSPHATE COATED COVER, ADJUSTABLE PRESSURE W/OPTIONAL SPRING.				
<b>22</b>	<b>400 S.B. ENG - 1970-80 - 8 Cyl. - 4 1/8 Bore</b>						
	<b>Torque Camshaft</b>	<b>MTC-1</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
	HYD. IMPROVES LOW-MID. PERF. CHECK FOR COIL BIND. USE [VS-380] SPRING W/ INSTALLED HGT. OF 1.72. USE ONLY WITH CARBURETTED ENGINES. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1000-4500.		Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
			204 214	278 288	.421 .444	107 117	112
	<b>Camshafts Using Mechanical Flat Tappet Lifters</b>	<b>22400</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
	OEM #3927140 CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3700-7300.		Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
			257 270	304 320	.494 .512	108 116	112
	CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2700-6200.	<b>22402</b>	240 250	282 290	.521 .521	104 108	106
	CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3700-7300.	<b>22404</b>	258 266	290 298	.538 .556	99 111	105
	OEM #3849346 CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3600-7200.	<b>22410</b>	254 254	294 294	.484 .484	110 118	114
	OEM #3965754. CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3600-7200.	<b>22450</b>	262 273	309 318	.512 .536	108 116	112
	<b>Camshafts Using Hydraulic Flat Tappet Lifters</b>	<b>C-400-P</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
	CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2100-5600.		Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
			223 223	290 290	.447 .447	110 118	114
	<i>Continued on Next Page</i>						

**PERFORMANCE - CHEVROLET CARS & TRUCKS (Continued)**

Line No.	Part Title	Part No.	Description				
<b>22</b>	<b>400 S.B. ENG - 1970-80 - 8 Cyl. - 4 1/8 Bore</b>						
	<b>Camshafts Using Hydraulic Flat Tappet Lifters</b>		Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
			Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
	USE ONLY IN 1987 AND OLDER S.B. CHEVY ENG EQUIPPED WITH CARBURETTED 267-350 CID V8. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATBLE. POWER RANGE 1000-4500.	<b>22107</b>	208 208	280 280	.408 .408	107 113	110
	USE ONLY IN 1987 AND OLDER S.B. CHEVY ENG EQUIPPED WITH CARBURETTED 267-350 CID V8. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE IDLE-4000.	<b>22108</b>	184 194	260 270	.367 .398	104 104	104
	USE ONLY IN 1987 AND OLDER S.B. CHEVY ENG EQUIPPED WITH CARBURETTED 267-350 CID V8. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE IDLE-4000.	<b>22109</b>	194 204	270 278	.398 .421	104 104	104
	USE ONLY IN 1987 AND OLDER S.B. CHEVY ENG EQUIPPED WITH CARBURETTED 267-350 CID V8. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1000-4500.	<b>22110</b>	204 214	278 288	.421 .443	110 110	110
	USE IN 1987-95 S.B. CHEVY ENG. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE IDLE-4000.	<b>22111</b>	194 204	270 278	.398 .421	107 117	112
	USE ONLY IN 1987 AND OLDER S.B. CHEVY ENG EQUIPPED WITH CARBURETTED 267-350 CID V8. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1400-4900.	<b>22114</b>	208 208	280 280	.420 .420	106 116	111
	USE ONLY IN 1987 AND OLDER S.B. CHEVY ENG EQUIPPED WITH CARBURETTED 267-350 CID V8. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1500-5000.	<b>22115</b>	209 216	283 286	.435 .455	107 117	112
	<i>Continued on Next Page</i>						

**PERFORMANCE - CHEVROLET CARS & TRUCKS (Continued)**

Line No.	Part Title	Part No.	Description					
<b>22</b>	<b>400 S.B. ENG - 1970-80 - 8 Cyl. - 4 1/8 Bore</b>							
	<b>Camshafts Using Hydraulic Flat Tappet Lifters</b>		Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation	
			Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.		
	USE ONLY IN 1987 AND OLDER S.B. CHEVY ENG EQUIPPED WITH CARBURETTED 267-350 CID V8. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1250-4750.	<b>22126</b>	194 214	268 288	.398 .441	107 117	112	
	OEM# 3863151. CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2100-5600.	<b>22200</b>	223 223	290 290	.447 .447	110 118	114	
	USE ONLY IN 1987 AND OLDER S.B. CHEVY ENG EQUIPPED WITH CARBURETTED 267-350 CID V8. CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5200.	<b>22203</b>	214 224	288 298	.444 .466	107 117	112	
	OEM# 3896962 CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2200-5800.	<b>22210</b>	224 224	291 287	.450 .460	114 114	114	
	USE ONLY IN 1987 AND OLDER S.B. CHEVY ENG EQUIPPED WITH CARBURETTED 267-350 CID V8. CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5200.	<b>22213</b>	214 214	287 287	.444 .444	107 117	112	
	USE ONLY IN 1987 AND OLDER S.B. CHEVY ENG EQUIPPED WITH CARBURETTED 267-350 CID V8. CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2000-5000.	<b>22215</b>	218 218	295 295	.429 .429	108 112	110	
	CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5300.	<b>22230</b>	214 214	287 287	.444 .444	105 115	110	
	CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2000-5700.	<b>22232</b>	220 231	304 287	.468 .480	106 114	110	
	CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2200-5800.	<b>22233</b>	224 224	300 300	.436 .436	107 109	108	
	<i>Continued on Next Page</i>							

**PERFORMANCE - CHEVROLET CARS & TRUCKS (Continued)**

Line No.	Part Title	Part No.	Description				
<b>22</b>	<b>400 S.B. ENG - 1970-80 - 8 Cyl. - 4 1/8 Bore</b>						
	<b>Camshafts Using Hydraulic Flat Tappet Lifters</b>		Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
			Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
	CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2000-5500.	<b>22234</b>	224 230	283 291	.480 .486	107 113	110
	CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2200-5700.	<b>22235</b>	224 224	224 224	.465 .465	112 112	112
	CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2500-6000.	<b>22301</b>	232 232	288 288	.480 .480	106 110	108
	CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2200-5700.	<b>22303</b>	224 234	298 304	.466 .488	107 117	112
	CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2700-6200.	<b>22305</b>	234 244	303 313	.488 .508	107 117	112
	CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2500-6000.	<b>22320</b>	230 230	304 304	.453 .453	112 116	114
	CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3300-6700.	<b>22401</b>	244 254	313 328	.508 .533	107 117	112
	CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3300-6800.	<b>22460</b>	246 246	302 302	.508 .508	106 112	109
	<b>Camshafts Using Hydraulic Retro-fit Roller Lifters</b>		Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
			Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
	FOR USE WITH RETRO-FIT ROLLER LIFTER [SB817RF16] CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1000-4500	<b>22135</b>	206 214	265 274	.470 .490	108 116	112
	FOR USE WITH RETRO-FIT ROLLER LIFTER [SB817RF16] CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1500-5000	<b>22136</b>	215 230	284 310	.470 .480	106 114	110
	<i>Continued on Next Page</i>						

**PERFORMANCE - CHEVROLET CARS & TRUCKS (Continued)**

Line No.	Part Title	Part No.	Description				
<b>22</b>	<b>400 S.B. ENG - 1970-80 - 8 Cyl. - 4 1/8 Bore</b>						
	<b>Camshafts Using Hydraulic Retro-fit Roller Lifters</b>		Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
			Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
	FOR USE WITH RETRO-FIT ROLLER LIFTER [SB817RF16] CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5200	<b>22237</b>	215 224	284 296	.470 .490	108 116	112
	FOR USE WITH RETRO-FIT ROLLER LIFTER [SB817RF16] CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5300	<b>22238</b>	215 215	284 284	.470 .470	106 114	110
	FOR USE WITH RETRO-FIT ROLLER LIFTER [SB817RF16]	<b>22398</b>	234 238	296 300	.538 .546	107 117	112
	<b>Mell Lube</b>	<b>M-10012</b>	ENGINE ASSEMBLY LUBRICANT				
	<b>Torque Cam Lifter Kit</b>	<b>CL-MTC-1</b>	CLASS I HYD. NOT COMPUTER COMPATIBLE. IMPROVES LOW-MID PERF. USE (VS-380). USE ONLY WITH CARBURETTED ENGINES. NOT CALIFORNIA COMPLIANT. KIT INCLUDES 1-[MTC-1] CAM, 16-[JB-817] LIFTERS & 4OZ MELL LUBE. CHECK FOR COIL BIND. USE [VS-380] SPRING W/INSTALLED HGT. OF 1.72				
	<b>Mechanical Flat Tappet Lifters</b>	<b>JB-992</b>	STOCK TYPE REPLACEMENT LIFTER, SPECIAL DESIGNED METERING SYSTEM				
	<b>Hydraulic Flat Tappet Lifters</b>	<b>298174</b>	USE FACTORY SETTING				
		<b>298184</b>	ANTI-PUMP UP, SET AT ZERO LASH; MUST BE USED W/ ADJUSTABLE VALVE TRAIN				
	<b>Hydraulic Roller Lifters</b>	<b>JB-2079</b>	STOCK TYPE REPLACEMENT LIFTER				
	<b>Hydraulic Retro-fit Roller Lifters</b>	<b>SB817RF16</b>	RETRO-FIT LIFTER FOR USE W/ RETRO-FIT ROLLER CAMSHAFTS [22135], [22136], [22237], [22238], [22398]				
	<b>Valve Locks</b>	<b>476104</b>	HARDENED 11/32" STEM				
	<b>Valve Spring with Mechanical Lifters</b>	<b>466114</b>	OUTER- USE WITH [22410], [22415], [22400] & [22450] CAMS- MACHINING MAY BE REQUIRED 1.430 O.D.				
		<b>466274</b>	INNER- USE WITH [22410], [22400] & [22450] CAMS- MACHINING MAY BE REQUIRED 1.080 O.D.				
		<b>466364</b>	1.260 O.D.				
	<b>Valve Spring with Hydraulic Lifters</b>	<b>VS-380</b>	STOCK REPLACEMENT. USE WITH [MTC-1], [22111], [22107], [22108], [22109], [22114], [22215] CAMS- NOTE: ASM. HEIGHT OF 1.72 (MACHINING MAY BE REQUIRED)				
		<b>VS-739</b>	STOCK REPLACEMENT. USE WITH [22303], [22305] & [22401] CAMS- NOTE: ASM HEIGHT OF 1.72- MACHINING MAY BE REQUIRED CHROME VANADIUM				
		<b>466204</b>	USE WITH [22303], [22305] & [22401] CAMS- NOTE: ASM HEIGHT OF 1.72- MACHINING MAY BE REQUIRED				
		<b>466354</b>	USE WITH MTC-1, (22110), (22115), (22200), (22210), (22213), (22203), (22320), (22301) CAMSHAFTS. NOTE: ASM HEIGHT OF 1.72 - MACHINING MAY BE REQUIRED.				
	<b>Valve Spring Retainers</b>	<b>475074</b>	CHROME MOLY - USE WITH [46611] SPRINGS				
		<b>475184</b>	CHROME MOLY - USE WITH [466204] & [466354] SPRINGS				
	<b>Rocker Arms</b>	<b>498404</b>	LONG SLOT				
	<i>Continued on Next Page</i>						

**PERFORMANCE - CHEVROLET CARS & TRUCKS (Continued)**

Line No.	Part Title	Part No.	Description
<b>22</b>	<b>400 S.B. ENG - 1970-80 - 8 Cyl. - 4 1/8 Bore</b>		
	<b>Rocker Arm Stud</b>	<b>MRDS-2920</b>	2.325 OVERALL LENGTH, 3/8" DIAMETER WITH HEX NUT
		<b>MRDS-941</b>	2.560 OVERALL LENGTH, 7/16" DIAMETER WITH HEX NUT
	<b>Chrome Moly Push Rods</b>	<b>500314</b>	EXC. ROLLER 5/16" DIA. STANDARD LENGTH- HEAT TREATED FOR GUIDE PLATES. MAX. SPRING PRESSURE 350 LBS.
		<b>500614</b>	EXC. ROLLER 5/16" DIA. + .100 O/S LENGTH-HEAT TREATED FOR GUIDE PLATES MAX. SPRING PRESSURE 350 LBS.
		<b>500674</b>	EXC. ROLLER 3/8" DIA. MAX. SPRING PRESSURE 350 LBS.
		<b>501004</b>	EXC. ROLLER 5/16" DIA. STANDARD LENGTH - HEAT TREATED FOR GUIDEPLATES (ONE PIECE CONSTRUCTION) MAX. SPRING PRESSURE 500 LBS.
		<b>501014</b>	EXC. ROLLER 5/16" DIA. + .100 O/S LENGTH - HEAT TREATED FOR GUIDE PLATES (ONE PIECE CONSTRUCTION)
		<b>501024</b>	EXC. ROLLER 5/16" DIA. + .150 O/S LENGTH - HEAT TREATED FOR GUIDE PLATES. (ONE PIECE CONSTRUCTION)
		<b>501034</b>	EXC. ROLLER 5/16" DIA. + .200 O/S LENGTH - HEAT TREATED FOR GUIDE PLATES. (ONE PIECE CONSTRUCTION)
	<b>Guide Plates</b>	<b>MGP1004</b>	5/16" THICK-MUST BE USED WITH SCREW-IN ROCKER ARM STUDS. (FLAT)
		<b>MGP1014</b>	3/8" THICK-MUST BE USED WITH SCREW-IN ROCKER ARM STUDS. (FLAT)
		<b>MGP1024</b>	3/8" THICK- MUST BE USED WITH SCREW-IN ROCKER ARM STUDS. (RAISED)
		<b>MGP1034</b>	5/16" THICK- MUST BE USED WITH SCREW-IN ROCKER ARM STUDS. (RAISED)
	<b>Gear Drive Set</b>	<b>48400</b>	1970-1976 NOISY - 8620 CARBURIZED STEEL GEARS, ROLLER CAM BUTTON, LOCK PLATE AND BOLTS. TIMING ADJUSTED W/5 OPTIONAL COLOR CODED DOWEL PIN HOLE INSERTS. RECOMMENDED FOR STREET AND STRIP, CLAIMER, RACING ENGINES TO 6,500 RPM. S. B. CAR APPLICATIONS ONLY
		<b>48400</b>	1974-1980 NOISY - 8620 CARBURIZED STEEL GEARS, ROLLER CAM BUTTON, LOCK PLATE AND BOLTS. TIMING ADJUSTED W/5 OPTIONAL COLOR CODED DOWEL PIN HOLE INSERTS. RECOMMENDED FOR STREET AND STRIP, CLAIMER, RACING ENGINES TO 6,500 RPM. S. B. TRUCK APPLICATIONS ONLY
		<b>48400Q</b>	1970-1976 QUIET - 8620 CARBURIZED STEEL GEARS, ROLLER CAM BUTTON, LOCK PLATE AND BOLTS. TIMING ADJUSTED W/5 OPTIONAL COLOR CODED DOWEL PIN HOLE INSERTS. RECOMMENDED FOR STREET AND STRIP, CLAIMER, RACING ENGINES TO 6,500 RPM. S.B. CAR APPLICATIONS ONLY
	<i>Continued on Next Page</i>		

**PERFORMANCE - CHEVROLET CARS & TRUCKS (Continued)**

<b>Line No.</b>	<b>Part Title</b>	<b>Part No.</b>	<b>Description</b>
<b>22</b>	<b>400 S.B. ENG - 1970-80 - 8 Cyl. - 4 1/8 Bore</b>		
	<b>Gear Drive Set</b>	<b>48400Q</b>	1974-1980 QUIET - 8620 CARBURIZED STEEL GEARS, ROLLER CAM BUTTON, LOCK PLATE AND BOLTS. TIMING ADJUSTED W/5 OPTIONAL COLOR CODED DOWEL PIN HOLE INSERTS. RECOMMENDED FOR STREET AND STRIP, CLAIMER, RACING ENGINES TO 6,500 RPM. S.B. TRUCK APPLICATIONS ONLY
	<b>3pc Set</b>	<b>40201</b>	1974-1980 EXCLUDING STOCK ROLLER CAM ENGINES. SMALL BLOCK TRUCK APPLICATIONS ONLY INCLUDES DOUBLE ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET.
		<b>40201</b>	1970-1976 EXCLUDING STOCK ROLLER CAM ENGINES. SMALL BLOCK CAR APPLICATIONS ONLY INCLUDES DOUBLE ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET.
		<b>40400</b>	1970-1976 EXCLUDING STOCK ROLLER CAM ENGINES. SMALL BLOCK CAR APPLICATIONS ONLY INCLUDES DOUBLE SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET
		<b>40400</b>	1974-1980 EXCLUDING STOCK ROLLER CAM ENGINES. SMALL BLOCK TRUCK APPLICATIONS ONLY INCLUDES DOUBLE SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET
		<b>40500</b>	1974-1980 EXCLUDING STOCK ROLLER CAM ENGINES. SMALL BLOCK TRUCK APPLICATIONS ONLY INCLUDES SINGLE SEAMLESS SOLID ROLLER CHAIN (.335" ROLLER), CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET.
		<b>40500</b>	1970-1976 EXCLUDING STOCK ROLLER CAM ENGINES. SMALL BLOCK CAR APPLICATIONS ONLY INCLUDES SINGLE SEAMLESS SOLID ROLLER CHAIN (.335" ROLLER), CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET.
		<b>48500T-9</b>	1970-1976 RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD AND CLAIMER ENGINES. SMALL BLOCK CAR APPLICATIONS ONLY INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4°/-4° CAM ADJUSTMENT. PRESS FIT ROLLER THRUST BEARINGS.
		<b>48500W-9</b>	1970-1976 RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD AND CLAIMER ENGINES. SMALL BLOCK CAR APPLICATIONS ONLY INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4°/-4° CAM ADJUSTMENT. BRONZE WASHER
	<i>Continued on Next Page</i>		

**PERFORMANCE - CHEVROLET CARS & TRUCKS (Continued)**

Line No.	Part Title	Part No.	Description
<b>22</b>	<b>400 S.B. ENG - 1970-80 - 8 Cyl. - 4 1/8 Bore</b>		
	<b>3pc Set</b>	<b>48500W-9</b>	1974-1980 RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD AND CLAIMER ENGINES. SMALL BLOCK TRUCK APPLICATIONS ONLY INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4°/-4° CAM ADJUSTMENT. BRONZE WASHER
		<b>40520</b>	1970-1976 EXCLUDING STOCK ROLLER CAM ENGINES. SMALL BLOCK CAR RACING APPLICATIONS ONLY INCLUDES 3/8" HY-VO TEC CHAIN, CAM SPROCKET WITH LIGHTENING HOLES & 9-MULTIPLE KEYWAY CRANK SPROCKET
		<b>40520</b>	1974-1980 EXCLUDING STOCK ROLLER CAM ENGINES. SMALL BLOCK TRUCK RACING APPLICATIONS ONLY INCLUDES 3/8" HY-VO TEC CHAIN, CAM SPROCKET WITH LIGHTENING HOLES & 9-MULTIPLE KEYWAY CRANK SPROCKET
	<b>Oil Pump</b>	<b>10050-700CT</b>	(MELLING PATENT 5,810,571) HI VOLUME 25%. MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE COATINGS. SCREW IN VALVE. OFFSET SCREEN FOR 7." PAN INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME MOLY I/S SHAFT. CIRCLE TRACK RACING.
		<b>10050-750SS</b>	(MELLING PATENT 5,810,571) HI VOLUME 25%. MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE COATINGS. SCREW IN VALVE. SCREEN FOR 7.5" PAN INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME MOLY I/S SHAFT. STREET AND STRIP.
		<b>10050-825SS</b>	(MELLING PATENT 5,810,571) HI VOLUME 25%. MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE COATINGS. SCREW IN VALVE. SCREEN FOR 8.25" PAN INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME MOLY I/S SHAFT. STREET AND STRIP.
		<b>10055-700CT</b>	(MELLING PATENT 5,810,571) STANDARD VOLUME. MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE COATINGS. SCREW IN VALVE. OFFSET SCREEN FOR 7." PAN INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME MOLY I/S SHAFT. CIRCLE TRACK RACING.
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**PERFORMANCE - CHEVROLET CARS & TRUCKS (Continued)**

Line No.	Part Title	Part No.	Description
<b>22</b>	<b>400 S.B. ENG - 1970-80 - 8 Cyl. - 4 1/8 Bore</b>		
	<b>Oil Pump</b>	<b>10055-750SS</b>	(MELLING PATENT 5,810,571) STANDARD VOLUME. MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE COATINGS. SCREW IN VALVE. SCREEN FOR 7.5" PAN INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME MOLY I/S SHAFT. STREET AND STRIP.
		<b>10055-825SS</b>	(MELLING PATENT 5,810,571) STANDARD VOLUME. MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE COATINGS. SCREW IN VALVE. SCREEN FOR 7.5" PAN INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME MOLY I/S SHAFT. STREET AND STRIP.
		<b>10550</b>	EXC. CHEVY II HI VOL PUMP (25% ADDL VOL OF OIL) - FEATURES: STEEL GEARS; INCLUDES I/S SHAFT W/ STEEL GUIDE. USES 5/8" DIAMETER SCREEN.
		<b>10551</b>	EXC. CHEVY II 19MM INLET HI VOL PUMP (25% ADDL VOL OF OIL) - FEATURES: STEEL GEARS; INCLUDES I/S SHAFT W/STEEL GUIDE. USES 3/4" DIAMETER SCREEN.
		<b>10552</b>	(MELLING PATENT 5,810,571) HI VOL PUMP (10% ADDL VOL OF OIL) - FEATURES: STEEL GEARS; SHAFTS EXTENDED INTO COVER FOR SUPPORT. RELIEF VALVE SPRING HAS SCREW IN PLUG. INCLUDES [12550] CHROME MOLY INTERMEDIATE SHAFT WITH STEEL GUIDE. EITHER A BOLT ON OR PRESS IN SCREEN CAN BE USED WITH THIS PUMP.
		<b>10552C</b>	RACING APPLICATIONS ONLY. (MELLING PATENT 5,810,571) HI VOL PUMP (10% ADDL VOL OF OIL) FEATURES: STEEL GEARS; SHAFTS EXTENDED INTO COVER FOR SUPPORT. RELIEF VALVE SPRING HAS SCREW IN PLUG. INCLUDES [12550] CHROME MOLY INTERMEDIATE SHAFT WITH STEEL GUIDE. HAS ANTI-ANTI-CAVITATION GROOVES. EITHER A BOLT ON OR PRESS IN SCREEN CAN BE USED WITH THIS PUMP.
		<b>10553</b>	FEATURES STEEL GEARS; STANDARD VOLUME VERSION OF THE 10550 PUMP.
		<b>10554</b>	FEATURES STEEL GEARS; STANDARD VOLUME VERSION OF THE 10551 PUMP.
		<b>10555</b>	(MELLING PATENT 5,810,571) HI VOL PUMP (25% ADDL VOL OF OIL) FEATURES: STEEL GEARS; SHAFTS EXTENDED INTO COVER FOR SUPPORT. RELIEF VALVE SPRING HAS SCREW IN PLUG. INCLUDES [12550] CHROME MOLY INTERMEDIATE SHAFT WITH STEEL GUIDE. EITHER A BOLT ON OR PRESS IN SCREEN CAN BE USED WITH THIS PUMP.
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**PERFORMANCE - CHEVROLET CARS & TRUCKS (Continued)**

Line No.	Part Title	Part No.	Description
<b>22</b>	<b>400 S.B. ENG - 1970-80 - 8 Cyl. - 4 1/8 Bore</b>		
	<b>Oil Pump</b>	<b>10555C</b>	RACING APPLICATIONS ONLY. (MELLING PATENT 5,810,571) HI VOL PUMP (25% ADDL VOL OF OIL) FEATURES: STEEL GEARS; SHAFTS EXTENDED INTO COVER FOR SUPPORT. RELIEF VALVE SPRING HAS SCREW IN PLUG. INCLUDES [12550] CHROME MOLY INTERMEDIATE SHAFT WITH STEEL GUIDE. HAS ANTI-CAVITATION GROOVES. EITHER A BOLT ON OR PRESS IN SCREEN CAN BE USED WITH THIS PUMP.
		<b>10990</b>	(MELLING PATENT 5,810,571) HI VOLUME PUMP (25% ADDL VOLUME) FEATURES: SHAFTS EXTENDED INTO COVER FOR SUPPORT. RELIEF VALVE HAS SCREW IN PLUG. INCLUDES [12550] CHROME MOLY INTERMEDIATE SHAFT WITH STEEL GUIDE. INCLUDES STOCK SPRING.
		<b>10990C</b>	RACING APPLICATIONS ONLY. (MELLING PATENT 5,810,571) HI VOL PUMP (25% ADDL VOL OF OIL) FEATURES: SHAFTS EXTENDED INTO COVER FOR SUPPORT. RELIEF VALVE HAS SCREW IN PLUG. INCLUDES [12550] CHROME MOLY INTERMEDIATE SHAFT WITH STEEL GUIDE. HAS ANTI-CAVITATION GROOVES.
	<b>Oil Pump Screen</b>	<b>12557</b>	BOLT ON SCREEN. USE W/7" DEEP STOCK TYPE PAN. NOTE: CLEARANCE BETWEEN THE BOLTS AND HOLES ALLOWS 3/16 TO 1/4" ADJUSTMENT UP OR DOWN TO CUSTOM FIT YOUR APPLICATION. BOLT ON SCREEN FOR 10555 PUMP.
		<b>12558</b>	BOLT ON SCREEN. USE WITH 7 1/2" DEEP STOCK TYPE PAN. NOTE: CLEARANCE BETWEEN THE BOLTS AND HOLES ALLOWS 3/16 TO 1/4" ADJUSTMENT UP OR DOWN TO CUSTOM FIT YOUR APPLICATION.
		<b>12559</b>	BOLT ON SCREEN. USE WITH 8" DEEP STOCK TYPE PAN. NOTE: CLEARANCE BETWEEN THE BOLTS AND HOLES ALLOWS 3/16 TO 1/4" ADJUSTMENT UP OR DOWN TO CUSTOM FIT YOUR APPLICATION.
		<b>12564</b>	BOLT ON SCREEN. USE WITH 7" DEEP OVAL TRACK PAN. NOTE: MESH IS TO THE RIGHT. NOTE: CLEARANCE BETWEEN THE BOLTS AND THE HOLES ALLOWS 3/16" TO 1/4" ADJUSTMENT UP OR DOWN TO CUSTOM FIT YOUR APPLICATION.
		<b>12566</b>	BOLT ON SCREEN. USE WITH 7 1/2" DEEP OVAL TRACK PAN. NOTE: MESH IS TO THE RIGHT. NOTE: CLEARANCE BETWEEN THE BOLTS AND THE HOLES ALLOWS 3/16" TO 1/4" ADJUSTMENT UP OR DOWN TO CUSTOM FIT YOUR APPLICATION.
	<b>Oil Pump Drive Shaft</b>	<b>12550</b>	PERFORMANCE TYPE INTERMEDIATE SHAFT. HIGH STRENGTH (150,000 PSI) CHROME MOLY STEEL. IMPROVED SHAFT RETAINER WHICH LOCKS ONTO THE OIL PUMP DRIVE SHAFT

**PERFORMANCE - CHEVROLET CARS & TRUCKS (Continued)**

Line No.	Part Title	Part No.	Description				
<b>23</b>	<b>396 ENG - 1965-70 - 8 Cyl. - 4.094 Bore</b>						
	<b>Torque Camshaft</b>  HYD. USE [VS-320] SPRING W/ INSTALLED HGT. OF 1.90. CAM LIFT INT .270 EXH .270 CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1000-4500.	<b>MTC-6</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
Int. Exh.			Int. Exh.	Int. Exh.	Int. Exh.		
204 208			288 298	.459 .459	108 116	112	
	<b>Camshafts Using Mechanical Flat Tappet Lifters</b>  OEM #3904362. CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3200-7200.	<b>22396</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
Int. Exh.			Int. Exh.	Int. Exh.	Int. Exh.		
242 242			310 297	.520 .520	108 120	114	
	1965-66 REQUIRES A 3/16" WIDE X 7/16" DEEP GROOVE CUT IN THE REAR BEARING JOURNAL. CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3500-7500.	<b>22407</b>	250 261	301 304	.576 .639	108 116	112
	1965-66 REQUIRES A 3/16" WIDE X 7/16" DEEP GROOVE CUT IN THE REAR BEARING JOURNAL. CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 4500-8000.	<b>22427</b>	264 270	322 322	.559 .580	108 116	112
	<b>Camshafts Using Hydraulic Flat Tappet Lifters</b>  CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE IDLE-4000.	<b>22100</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
Int. Exh.			Int. Exh.	Int. Exh.	Int. Exh.		
192 203			271 281	.398 .430	107 117	112	
	CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 700-4500.	<b>22127</b>	190 202	261 272	.438 .465	106 114	110
	CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5200.	<b>22204</b>	214 224	292 302	.503 .528	108 116	112
	CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5200.	<b>22214</b>	214 214	293 293	.503 .503	109 119	114
	CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2200-5700.	<b>22296</b>	222 235	310 325	.500 .505	110 120	115
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**PERFORMANCE - CHEVROLET CARS & TRUCKS (Continued)**

Line No.	Part Title	Part No.	Description				
<b>23</b>	<b>396 ENG - 1965-70 - 8 Cyl. - 4.094 Bore</b>						
	<b>Camshafts Using Hydraulic Flat Tappet Lifters</b>  CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2500-6000.	<b>22302</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
			Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
			230 230	309 309	.513 .513	106 114	110
	CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2500-6000.	<b>22306</b>	224 234	302 308	.528 .552	110 118	114
	CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3200-6700.	<b>22471</b>	240 246	305 311	.559 .572	110 114	112
	<b>Camshafts Using Hydraulic Roller Lifters</b>  CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2600-6300.	<b>22472</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
			Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
			237 245	335 329	.626 .639	109 115	112
	CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3000-6500.	<b>22480</b>	241 246	305 310	.559 .572	110 114	112
	CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2600-6300.	<b>22485</b>	236 246	316 324	.561 .578	106 114	110
	<b>Camshafts Using Hydraulic Retro-fit Roller Lifters</b>  FOR USE WITH RETRO-FIT ROLLER LIFTER [BB817RF16] CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5200	<b>22141</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
			Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
			216 228	288 300	.501 .510	108 116	112
	FOR USE WITH RETRO-FIT ROLLER LIFTER [BB817RF16] CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2200-5700	<b>22236</b>	224 234	296 308	.527 .544	106 114	110
	<b>Mell Lube</b>	<b>M-10012</b>	ENGINE ASSEMBLY LUBRICANT				
	<b>Torque Cam Lifter Kit</b>	<b>CL-MTC-6</b>	CLASS I HYD. NOT COMPUTER COMPATIBLE. USE WITH [VS-320] SPRING W/INSTALLED HGT. OF 1.90. NOT CALIFORNIA COMPLIANT. KIT INCLUDES 1-[MTC-6] CAM, 16-[JB-817] LIFTERS & 4OZ MELL LUBE.				
	<b>Hydraulic Flat Tappet Lifters</b>	<b>298174</b>	USE FACTORY SETTING				
		<b>298184</b>	ANTI-PUMP UP, SET AT ZERO LASH; MUST BE USED W/ ADJUSTABLE VALVE TRAIN				
	<i>Continued on Next Page</i>						

**PERFORMANCE - CHEVROLET CARS & TRUCKS (Continued)**

<b>Line No.</b>	<b>Part Title</b>	<b>Part No.</b>	<b>Description</b>
<b>23</b>	<b>396 ENG - 1965-70 - 8 Cyl. - 4.094 Bore</b>		
	<b>Hydraulic Roller Lifters</b>	<b>JB-7003</b>	STOCK REPLACEMENT TYPE HYD. ROLLER
	<b>Hydraulic Retro-fit Roller Lifters</b>	<b>BB817RF16</b>	RETRO-FIT LIFTER FOR USE W/ RETRO-FIT ROLLER CAMSHAFTS [22141], [22236]
	<b>Valve Locks</b>	<b>473004</b>	HARDENED 3/8" STEM 2 GROOVE
		<b>476104</b>	HARDENED 11/32" STEM
	<b>Valve Spring with Mechanical Lifters</b>	<b>VS-320</b>	USE W/ [MTC-6] CAMSHAFT; INSTALLED HGT. OF 1.90 (MACHINING MAY BE REQUIRED)
		<b>VS-320</b>	USE WITH [22100] CAM- NOTE: ASM. HEIGHT OF 1.88
		<b>466154</b>	OUTER- USE WITH [22427] CAM- MACHINING MAY BE REQUIRED
		<b>466164</b>	INNER- USE WITH [22427] CAM- MACHINING MAY BE REQUIRED
	<b>Valve Spring with Hydraulic Lifters</b>	<b>466224</b>	USE WITH [22214], [22204], [22296], [22306], [22302], [22100] CAMS- NOTE: ASM. HEIGHT OF 1.88- MACHINING MAY BE REQUIRED.
		<b>466224</b>	USE WITH [22396] CAM- MACHINING MAY BE REQUIRED
	<b>Rocker Arms</b>	<b>498684</b>	LONG SLOT ROCKER ARM RATIO 1.75
	<b>Chrome Moly Push Rods</b>	<b>500154</b>	INT. 3/8" DIA. HEAT TREATED FOR GUIDE PLATES MAX. SPRING PRESSURE 350 LBS.
		<b>500164</b>	EXH 3/8" DIA. 9.230 LENGTH - HEAT TREATED FOR GUIDE PLATES. MAX. SPRING PRESSURE 350 LBS.
		<b>500294</b>	INT. 7/16" DIA. 8.280 LENGTH, 7/16" DIA. MAX. SPRING PRESSURE 350 LBS.
		<b>500304</b>	EXH. 7/16" DIA. 9.252 LENGTH, 7/16". MAX. SPRING PRESSURE 350 LBS.
	<b>Guide Plates</b>	<b>MGP1064</b>	7/16" THICK- MUST BE USED WITH SCREW-IN ROCKER ARM STUDS. (RAISED)
		<b>MGP1074</b>	3/8" THICK- MUST BE USED WITH SCREW-IN ROCKER ARM STUDS. (RAISED)
	<b>Gear Drive Set</b>	<b>48410</b>	INCLUDES 8620 CARBURIZED STEEL GEARS, ROLLER CAMBUTTON, LOCK PLATE AND BOLTS, TIMING ADJUSTED WITH 5 OPTIONAL COLOR CODED DOWEL PIN HOLE INSERTS. RECOMMENDED FOR STREET AND STRIP, CLAIMER AND RACING ENGINES UP TO 6,500 RPM. FOR CAR AND TRUCK APPLICATIONS NOISY SET
		<b>48410Q</b>	INCLUDES 8620 CARBURIZED STEEL GEARS, ROLLER CAMBUTTON, LOCK PLATE AND BOLTS, TIMING ADJUSTED WITH 5 OPTIONAL COLOR CODED DOWEL PIN HOLE INSERTS. RECOMMENDED FOR STREET AND STRIP, CLAIMER AND RACING ENGINES UP TO 6,500 RPM. FOR CAR AND TRUCK APPLICATIONS QUIET SET
	<b>3pc Set</b>	<b>48510W-9</b>	RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD, CLAIMER ENGINES. FOR CAR AND TRUCK APPLICATIONS INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4°/-4° CAM ADJUSTMENT. BRONZE WASHER
	<i>Continued on Next Page</i>		

**PERFORMANCE - CHEVROLET CARS & TRUCKS (Continued)**

Line No.	Part Title	Part No.	Description
<b>23</b>	<b>396 ENG - 1965-70 - 8 Cyl. - 4.094 Bore</b>		
	3pc Set	<b>48510W-9</b>	RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD, CLAIMER ENGINES. FOR CAR AND TRUCK APPLICATIONS INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4°/-4° CAM ADJUSTMENT. BRONZE WASHER
		<b>40205</b>	INCLUDES DOUBLE ROLLER CHAIN, CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET. CAR AND TRUCK APPLICATIONS.
		<b>40401</b>	INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET. CAR AND TRUCK APPLICATIONS.
		<b>40510</b>	INCLUDES SEAMLESS SINGLE SOLID ROLLER CHAIN (.335" ROLLER), CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET EXC. STOCK ROLLER CAM ENGINES. FOR CAR AND TRUCK APPLICATIONS
		<b>48510T-9</b>	RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD, CLAIMER ENGINES. FOR CAR AND TRUCK APPLICATIONS INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4°/-4° CAM ADJUSTMENT. PRESS FIT ROLLER THRUST BEARINGS.
	<b>Oil Pump</b>	<b>10070-1000SS</b>	(MELLING PATENT 5,810,571) HI VOLUME 25%. MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE COATINGS. SCREW IN VALVE. SCREEN FOR 10" PAN INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME MOLY I/S SHAFT. STREET AND STRIP.
		<b>10070-800SS</b>	(MELLING PATENT 5,810,571) HI VOLUME 25%. MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE COATINGS. SCREW IN VALVE. SCREEN FOR 8" PAN INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME MOLY I/S SHAFT. STREET AND STRIP.
		<b>10070-900SS</b>	(MELLING PATENT 5,810,571) HI VOLUME 25%. MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE COATINGS. SCREW IN VALVE. SCREEN FOR 9" PAN INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME MOLY I/S SHAFT. STREET AND STRIP.
		<b>10077-800SS</b>	(MELLING PATENT 5,810,571) STANDARD VOLUME. MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE COATINGS. SCREW IN VALVE. SCREEN FOR 8" PAN INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME MOLY I/S SHAFT. STREET AND STRIP.
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**PERFORMANCE - CHEVROLET CARS & TRUCKS (Continued)**

Line No.	Part Title	Part No.	Description				
<b>23</b>	<b>396 ENG - 1965-70 - 8 Cyl. - 4.094 Bore</b>						
	<b>Oil Pump</b>	<b>10077-900SS</b>	(MELLING PATENT 5,810,571) STANDARD VOLUME. MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE COATINGS. SCREW IN VALVE. SCREEN FOR 9" PAN INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME MOLY I/S SHAFT. STREET AND STRIP.				
		<b>10770</b>	HI VOL PUMP (25% ADDL VOL OF OIL) FEATURES: STEEL GEARS; INCLUDES I/S SHAFT W/STEEL GUIDE. WILL USE STOCK 3/4" PRESS-IN SCREEN.				
		<b>10774</b>	FEATURES STEEL GEARS; STANDARD VOLUME VERSION OF THE 10770 PUMP.				
		<b>10778</b>	(MELLING PATENT 5,810,571) HI VOL PUMP (25% ADDL VOL OF OIL) FEATURES: STEEL GEARS; SHAFTS EXTENDED INTO COVER FOR SUPPORT, RELIEF VALVE HAS SCREW IN PLUG. INCLUDES [12770] CHROME MOLY INTERMEDIATE SHAFT WITH STEEL GUIDE.				
		<b>10778C</b>	(MELLING PATENT 5,810,571) HI VOL PUMP (25% ADDL VOL OF OIL) FEATURES: STEEL GEARS; SHAFTS EXTENDED INTO COVER FOR SUPPORT, RELIEF VALVE HAS SCREW IN PLUG. INCLUDES [12770] CHROME MOLY INTERMEDIATE SHAFT WITH STEEL GUIDE. HAS ANTI-CAVITATION GROOVES. REQUIRES SPECIAL SCREW IN SCREEN. RACING APPLICATIONS ONLY.				
	<b>Oil Pump Drive Shaft</b>	<b>12770</b>	PERFORMANCE TYPE INTERMEDIATE SHAFT. HIGH STRENGTH (150,000 PSI) CHROME MOLY STEEL. IMPROVED SHAFT RETAINER WHICH LOCKS ONTO THE OIL PUMP DRIVE SHAFT				
<b>24</b>	<b>400 B.B. ENG - 1970-1973 - 8 Cyl. - 4.125 Bore</b>						
	<b>Torque Camshaft</b>	<b>MTC-6</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
	1970-1971 HYD. USE [VS-320] SPRING W/INSTALLED HGT. OF 1.90. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1000-4500.		Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
			204 208	288 298	.459 .459	108 116	112
	<b>Camshafts Using Mechanical Flat Tappet Lifters</b>	<b>22396</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
	1970-1971 OEM #3904362. CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3200-7200.		Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
			242 242	310 297	.520 .520	108 120	114
	<i>Continued on Next Page</i>						

**PERFORMANCE - CHEVROLET CARS & TRUCKS (Continued)**

Line No.	Part Title	Part No.	Description				
<b>24</b>	<b>400 B.B. ENG - 1970-1973 - 8 Cyl. - 4.125 Bore</b>						
	<b>Camshafts Using Mechanical Flat Tappet Lifters</b>		Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
			Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
	1970-1971 1965-66 REQUIRES A 3/16" WIDE X 7/16" DEEP GROOVE CUT IN THE REAR BEARING JOURNAL. CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3500-7500.	<b>22407</b>	250 261	301 304	.576 .639	108 116	112
	1970-1971 1965-66 REQUIRES A 3/16" WIDE X 7/16" DEEP GROOVE CUT IN THE REAR BEARING JOURNAL. CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 4500-8000.	<b>22427</b>	264 270	322 322	.559 .580	108 116	112
	<b>Camshafts Using Hydraulic Flat Tappet Lifters</b>		Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
			Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
	1970-1971 CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE IDLE-4000.	<b>22100</b>	192 203	271 281	.398 .430	107 117	112
	1970-1971 CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 700-4500.	<b>22127</b>	190 202	261 272	.438 .465	106 114	110
	1970-1971 CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5200.	<b>22204</b>	214 224	292 302	.503 .528	108 116	112
	1970-1971 CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5200.	<b>22214</b>	214 214	293 293	.503 .503	109 119	114
	1970-1971 CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2200-5700.	<b>22296</b>	222 235	310 325	.500 .505	110 120	115
	1970-1971 CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2500-6000.	<b>22302</b>	230 230	309 309	.513 .513	106 114	110
	1970-1971 CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2500-6000.	<b>22306</b>	224 234	302 308	.528 .552	110 118	114
	1970-1971 CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3200-6700.	<b>22471</b>	240 246	305 311	.559 .572	110 114	112
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**PERFORMANCE - CHEVROLET CARS & TRUCKS (Continued)**

<b>Line No.</b>	<b>Part Title</b>	<b>Part No.</b>	<b>Description</b>				
<b>24</b>	<b>400 B.B. ENG - 1970-1973 - 8 Cyl. - 4.125 Bore</b>						
	<b>Camshafts Using Hydraulic Roller Lifters</b>  CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2600-6300.	<b>22472</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
Int. Exh.			Int. Exh.	Int. Exh.	Int. Exh.		
237 245			335 329	.626 .639	109 115	112	
	1970-1971 CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3000-6500.	<b>22480</b>	241 246	305 310	.559 .572	110 114	112
	CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2600-6300.	<b>22485</b>	236 246	316 324	.561 .578	106 114	110
	<b>Camshafts Using Hydraulic Retro-fit Roller Lifters</b>  1970-1971 FOR USE WITH RETRO-FIT ROLLER LIFTER [BB817RF16] CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5200	<b>22141</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
Int. Exh.			Int. Exh.	Int. Exh.	Int. Exh.		
216 228			288 300	.501 .510	108 116	112	
	1970-1971 FOR USE WITH RETRO-FIT ROLLER LIFTER [BB817RF16] CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2200-5700	<b>22236</b>	224 234	296 308	.527 .544	106 114	110
	<b>Mell Lube</b>	<b>M-10012</b>	ENGINE ASSEMBLY LUBRICANT				
	<b>Torque Cam Lifter Kit</b>	<b>CL-MTC-6</b>	1970-1971 CLASS I HYD. NOT COMPUTER COMPATIBLE. USE WITH [VS-320] SPRING W/ INSTALLED HGT. OF 1.90. NOT CALIFORNIA COMPLIANT. KIT INCLUDES 1-[MTC-6] CAM, 16-[JB-817] LIFTERS & 4OZ MELL LUBE.				
	<b>Hydraulic Flat Tappet Lifters</b>	<b>298174</b>	1970-1971 USE FACTORY SETTING				
		<b>298184</b>	1970-1971 ANTI-PUMP UP, SET AT ZERO LASH; MUST BE USED W/ ADJUSTABLE VALVE TRAIN				
	<b>Hydraulic Roller Lifters</b>	<b>JB-7003</b>	1970-1971 STOCK REPLACEMENT TYPE; HYD. ROLLER				
	<b>Hydraulic Retro-fit Roller Lifters</b>	<b>BB817RF16</b>	RETRO-FIT LIFTER FOR USE W/ RETRO-FIT ROLLER CAMSHAFTS [22141], [22236]				
	<b>Valve Locks</b>	<b>473004</b>	1970-1971 HARDENED 3/8" STEM 2 GROOVE				
		<b>476104</b>	1970-1971 HARDENED 11/32" STEM				
	<b>Valve Spring with Mechanical Lifters</b>	<b>VS-320</b>	1970-1971 USE W/ [MTC-6] CAMSHAFT; INSTALLED HGT. OF 1.90 (MACHINING MAY BE REQUIRED)				
		<b>VS-320</b>	1970-1971 USE WITH [22100] CAM- NOTE: ASM. HEIGHT OF 1.88				
		<b>466154</b>	1970-1971 OUTER- USE WITH [22427] CAM- MACHINING MAY BE REQUIRED				
		<b>466164</b>	1970-1971 6				
	<b>Valve Spring with Hydraulic Lifters</b>	<b>466224</b>	1970-1971 USE WITH [22396] CAM- MACHINING MAY BE REQUIRED				
	<i>Continued on Next Page</i>						

**PERFORMANCE - CHEVROLET CARS & TRUCKS (Continued)**

Line No.	Part Title	Part No.	Description
<b>24</b>	<b>400 B.B. ENG - 1970-1973 - 8 Cyl. - 4.125 Bore</b>		
	<b>Valve Spring with Hydraulic Lifters</b>	<b>466224</b>	1970-1971 USE WITH [22214], [22204], [22296], [22306], [22302] & [22100] CAMS- NOTE: ASM. HEIGHT OF 1.88- MACHINING MAY BE REQUIRED.
	<b>Valve Spring Retainers</b>	<b>475064</b>	1970-1971 CHROME MOLY
	<b>Rocker Arms</b>	<b>498684</b>	1970-1971 LONG SLOT ROCKER ARM RATIO 1.75
	<b>Chrome Moly Push Rods</b>	<b>500154</b>	1970-1971 8.280 LENGTH - HEAT TREATED FOR GUIDEPLATES, DRILLED, 3/8" DIAMETER MAX. SPRING PRESSURE 350 LBS.
		<b>500164</b>	1970-1971 9.252 LENGTH - HEAT TREATED FOR GUIDE PLATES, DRILLED, 3/8" DIAMETER MAX. SPRING PRESSURE 350 LBS.
		<b>500294</b>	1970-1971 8.280 LENGTH - DRILLED, 7/16" DIAMETER 8.280 LENGTH, 7/16" DIA. MAX. SPRING PRESSURE 350 LBS.
		<b>500304</b>	1970-1971 9.252 LENGTH - DRILLED, 7/16" DIAMETER 9.252 LENGTH, 7/16". MAX. SPRING PRESSURE 350 LBS.
	<b>Guide Plates</b>	<b>MGP1064</b>	1970-1971 7/16" THICK- MUST BE USED WITH SCREW-IN ROCKER ARM STUDS. (RAISED)
		<b>MGP1074</b>	1970-1971 3/8" THICK- MUST BE USED WITH SCREW-IN ROCKER ARM STUDS. (RAISED)
	<b>Gear Drive Set</b>	<b>48410</b>	INCLUDES 8620 CARBURIZED STEEL GEARS, ROLLER CAMBUTTON, LOCK PLATE AND BOLTS, TIMING ADJUSTED WITH 5 OPTIONAL COLOR CODED DOWEL PIN HOLE INSERTS. RECOMMENDED FOR STREET AND STRIP, CLAIMER AND RACING ENGINES UP TO 6,500 RPM. CAR APPLICATIONS ONLY NOISY SET
		<b>48410Q</b>	INCLUDES 8620 CARBURIZED STEEL GEARS, ROLLER CAMBUTTON, LOCK PLATE AND BOLTS, TIMING ADJUSTED WITH 5 OPTIONAL COLOR CODED DOWEL PIN HOLE INSERTS. RECOMMENDED FOR STREET AND STRIP, CLAIMER AND RACING ENGINES UP TO 6,500 RPM. CAR APPLICATIONS ONLY QUIET SET
	<b>3pc Set</b>	<b>48510W-9</b>	RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD, CLAIMER ENGINES. CAR APPLICATIONS ONLY INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4°/-4° CAM ADJUSTMENT. BRONZE WASHER
		<b>48510W-9</b>	RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD, CLAIMER ENGINES. CAR APPLICATIONS ONLY INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4°/-4° CAM ADJUSTMENT. BRONZE WASHER
		<b>40205</b>	INCLUDES DOUBLE ROLLER CHAIN, CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET. CAR AND TRUCK APPLICATIONS.
		<b>40401</b>	INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET. CAR AND TRUCK APPLICATIONS.
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**PERFORMANCE - CHEVROLET CARS & TRUCKS (Continued)**

Line No.	Part Title	Part No.	Description
<b>24</b>	<b>400 B.B. ENG - 1970-1973 - 8 Cyl. - 4.125 Bore</b>		
	3pc Set	40510	INCLUDES SEAMLESS SINGLE SOLID ROLLER CHAIN (.335" ROLLER), CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET EXC. STOCK ROLLER CAM ENGINES. CAR AND TRUCK APPLICATIONS
		48510T-9	RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD, CLAIMER ENGINES. CAR APPLICATIONS ONLY INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4°/-4° CAM ADJUSTMENT. PRESS FIT ROLLER THRUST BEARINGS.
	Oil Pump	10070-1000SS	1970-1971 (MELLING PATENT 5,810,571) HI VOLUME 25%. MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE COATINGS. SCREW IN VALVE. SCREEN FOR 10" PAN INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME MOLY I/S SHAFT. STREET AND STRIP.
		10070-800SS	1970-1971 (MELLING PATENT 5,810,571) HI VOLUME 25%. MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE COATINGS. SCREW IN VALVE. SCREEN FOR 8" PAN INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME MOLY I/S SHAFT. STREET AND STRIP.
		10070-900SS	1970-1971 (MELLING PATENT 5,810,571) HI VOLUME 25%. MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE COATINGS. SCREW IN VALVE. SCREEN FOR 9" PAN INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME MOLY I/S SHAFT. STREET AND STRIP.
		10077-800SS	1970-1971 (MELLING PATENT 5,810,571) STANDARD VOLUME. MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE COATINGS. SCREW IN VALVE. SCREEN FOR 8" PAN INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME MOLY I/S SHAFT. STREET AND STRIP.
		10077-900SS	1970-1971 (MELLING PATENT 5,810,571) STANDARD VOLUME. MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE COATINGS. SCREW IN VALVE. SCREEN FOR 9" PAN INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME MOLY I/S SHAFT. STREET AND STRIP.
	Continued on Next Page		

**PERFORMANCE - CHEVROLET CARS & TRUCKS (Continued)**

Line No.	Part Title	Part No.	Description				
<b>24</b>	<b>400 B.B. ENG - 1970-1973 - 8 Cyl. - 4.125 Bore</b>						
	<b>Oil Pump</b>	<b>10770</b>	1970-1971 HI VOL PUMP (25% ADDL VOL OF OIL) FEATURES: STEEL GEARS; INCLUDES I/S SHAFT W/ STEEL GUIDE. WILL USE STOCK 3/4" PRESS-IN SCREEN.				
		<b>10774</b>	1970-1971 FEATURES STEEL GEARS; STANDARD VOLUME VERSION OF THE 10770 PUMP.				
		<b>10778</b>	1970-1971 (MELLING PATENT 5,810,571) HI VOL PUMP (25% ADDL VOL OF OIL) FEATURES: STEEL GEARS; SHAFTS EXTENDED INTO COVER FOR SUPPORT, RELIEF VALVE HAS SCREW IN PLUG. INCLUDES [12770] CHROME MOLY INTERMEDIATE SHAFT WITH STEEL GUIDE.				
		<b>10778C</b>	1970-1971 (MELLING PATENT 5,810,571) HI VOL PUMP (25% ADDL VOL OF OIL) FEATURES: STEEL GEARS; SHAFTS EXTENDED INTO COVER FOR SUPPORT, RELIEF VALVE HAS SCREW IN PLUG. INCLUDES [12770] CHROME MOLY INTERMEDIATE SHAFT WITH STEEL GUIDE. HAS ANTI-CAVITATION GROOVES. REQUIRES SPECIAL SCREW IN SCREEN. RACING APPLICATIONS ONLY.				
	<b>Oil Pump Drive Shaft</b>	<b>12770</b>	1970-1971 PERFORMANCE TYPE INTERMEDIATE SHAFT. HIGH STRENGTH (150,000 PSI) CHROME MOLY STEEL. IMPROVED SHAFT RETAINER WHICH LOCKS ONTO THE OIL PUMP DRIVE SHAFT				
<b>25</b>	<b>402 ENG - 1971-72 - 8 Cyl. - 4.125 Bore</b>						
	<b>Torque Camshaft</b>	<b>MTC-6</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
	HYD. USE [VS-320] SPRING W/ INSTALLED HGT. OF 1.90. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1000-4500.		Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
			204 208	288 298	.459 .459	108 116	112
	<b>Camshafts Using Mechanical Flat Tappet Lifters</b>	<b>22396</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
	OEM #3904362. CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3200-7200.		Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
			242 242	310 297	.520 .520	108 120	114
	CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3500-7500.	<b>22407</b>	250 261	301 304	.576 .639	108 116	112
	CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 4500-8000.	<b>22427</b>	264 270	322 322	.559 .580	108 116	112
	<i>Continued on Next Page</i>						

**PERFORMANCE - CHEVROLET CARS & TRUCKS (Continued)**

Line No.	Part Title	Part No.	Description				
<b>25</b>	<b>402 ENG - 1971-72 - 8 Cyl. - 4.125 Bore</b>						
	<b>Camshafts Using Hydraulic Flat Tappet Lifters</b>	<b>22100</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
			Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
	CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE IDLE-4000.		192 203	271 281	.398 .430	107 117	112
	CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 700-4500.	<b>22127</b>	190 202	261 272	.438 .465	106 114	110
	CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5200.	<b>22204</b>	214 224	292 302	.503 .528	108 116	112
	CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5200.	<b>22214</b>	214 214	293 293	.503 .503	109 119	114
	CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2200-5700.	<b>22296</b>	222 235	310 325	.500 .505	110 120	115
	CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2500-6000.	<b>22302</b>	230 230	309 309	.513 .513	106 114	110
	CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2500-6000.	<b>22306</b>	224 234	302 308	.528 .552	110 118	114
	CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3200-6700.	<b>22471</b>	240 246	305 311	.559 .572	110 114	112
	<b>Camshafts Using Hydraulic Roller Lifters</b>	<b>22472</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
			Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
	CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2600-6300.		237 245	335 329	.626 .639	109 115	112
	CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3000-6500.	<b>22480</b>	241 246	305 310	.559 .572	110 114	112
	CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2600-6300.	<b>22485</b>	236 246	316 324	.561 .578	106 114	110
	<i>Continued on Next Page</i>						

**PERFORMANCE - CHEVROLET CARS & TRUCKS (Continued)**

Line No.	Part Title	Part No.	Description				
<b>25</b>	<b>402 ENG - 1971-72 - 8 Cyl. - 4.125 Bore</b>						
	<b>Camshafts Using Hydraulic Retro-fit Roller Lifters</b>  FOR USE WITH RETRO-FIT ROLLER LIFTER [BB817RF16] CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5200	<b>22141</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
Int. Exh.			Int. Exh.	Int. Exh.	Int. Exh.		
216 228			288 300	.501 .510	108 116	112	
	FOR USE WITH RETRO-FIT ROLLER LIFTER [BB817RF16] CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2200-5700	<b>22236</b>	224 234	296 308	.527 .544	106 114	110
	<b>Mell Lube</b>	<b>M-10012</b>	ENGINE ASSEMBLY LUBRICANT				
	<b>Torque Cam Lifter Kit</b>	<b>CL-MTC-6</b>	CLASS I HYD. NOT COMPUTER COMPATIBLE. USE WITH [VS-320] SPRING W/INSTALLED HGT. OF 1.90. NOT CALIFORNIA COMPLIANT. KIT INCLUDES 1-[MTC-6] CAM, 16-[JB-817] LIFTERS & 4OZ MELL LUBE.				
	<b>Hydraulic Flat Tappet Lifters</b>	<b>298174</b>	USE FACTORY SETTING				
		<b>298184</b>	ANTI-PUMP UP, SET AT ZERO LASH; MUST BE USED W/ ADJUSTABLE VALVE TRAIN				
	<b>Hydraulic Roller Lifters</b>	<b>JB-7003</b>	STOCK REPLACEMENT TYPE; HYD. ROLLER				
	<b>Hydraulic Retro-fit Roller Lifters</b>	<b>BB817RF16</b>	RETRO-FIT LIFTER FOR USE W/ RETRO-FIT ROLLER CAMSHAFTS [22141], [22236]				
	<b>Valve Locks</b>	<b>473004</b>	HARDENED 3/8" STEM 2 GROOVE				
		<b>476104</b>	HARDENED 11/32" STEM				
	<b>Valve Spring with Mechanical Lifters</b>	<b>VS-320</b>	USE W/ [MTC-6] CAMSHAFT; INSTALLED HGT. OF 1.90 (MACHINING MAY BE REQUIRED)				
		<b>VS-320</b>	USE WITH [22100] CAM- NOTE: ASM. HEIGHT OF 1.88				
		<b>466154</b>	OUTER- USE WITH [22427] CAM- MACHINING MAY BE REQUIRED				
		<b>466164</b>	INNER- USE WITH [22427] CAM- MACHINING MAY BE REQUIRED				
	<b>Valve Spring with Hydraulic Lifters</b>	<b>466224</b>	USE WITH [22396] CAM- MACHINING MAY BE REQUIRED				
		<b>466224</b>	USE WITH [22214], [22204], [22296], [22306], [22302], [22100] CAMS- NOTE: ASM. HEIGHT OF 1.88- MACHINING MAY BE REQUIRED.				
	<b>Valve Spring Retainers</b>	<b>475064</b>	CHROME MOLY				
	<b>Rocker Arms</b>	<b>498684</b>	LONG SLOT ROCKER ARM RATIO 1.75				
	<b>Chrome Moly Push Rods</b>	<b>500154</b>	INT. 3/8" DIA. HEAT TREATED FOR GUIDE PLATES MAX. SPRING PRESSURE 350 LBS.				
		<b>500164</b>	EXH. 3/8" DIA. 9.230 LENGTH - HEAT TREATED FOR GUIDE PLATES. EXC. 427 ENGINE MAX. SPRING PRESSURE 350 LBS.				
		<b>500294</b>	INT. 7/16" DIA 8.280 LENGTH, 7/16" DIA. MAX. SPRING PRESSURE 350 LBS.				
		<b>500304</b>	EXH. 7/16" DIA 9.252 LENGTH, 7/16". MAX. SPRING PRESSURE 350 LBS.				
	<b>Guide Plates</b>	<b>MGP1064</b>	7/16" THICK- MUST BE USED WITH SCREW-IN ROCKER ARM STUDS. (RAISED)				
	<i>Continued on Next Page</i>						

**PERFORMANCE - CHEVROLET CARS & TRUCKS (Continued)**

<b>Line No.</b>	<b>Part Title</b>	<b>Part No.</b>	<b>Description</b>
<b>25</b>	<b>402 ENG - 1971-72 - 8 Cyl. - 4.125 Bore</b>		
	<b>Guide Plates</b>	<b>MGP1074</b>	3/8" THICK- MUST BE USED WITH SCREW-IN ROCKER ARM STUDS. (RAISED)
	<b>Gear Drive Set</b>	<b>48410</b>	INCLUDES 8620 CARBURIZED STEEL GEARS, ROLLER CAMBUTTON, LOCK PLATE AND BOLTS, TIMING ADJUSTED WITH 5 OPTIONAL COLOR CODED DOWEL PIN HOLE INSERTS. RECOMMENDED FOR STREET AND STRIP, CLAIMER AND RACING ENGINES UP TO 6,500 RPM. FOR CAR AND TRUCK APPLICATIONS NOISY SET
		<b>48410Q</b>	INCLUDES 8620 CARBURIZED STEEL GEARS, ROLLER CAMBUTTON, LOCK PLATE AND BOLTS, TIMING ADJUSTED WITH 5 OPTIONAL COLOR CODED DOWEL PIN HOLE INSERTS. RECOMMENDED FOR STREET AND STRIP, CLAIMER AND RACING ENGINES UP TO 6,500 RPM. FOR CAR AND TRUCK APPLICATIONS QUIET SET
	<b>3pc Set</b>	<b>48510W-9</b>	RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD, CLAIMER ENGINES. FOR CAR AND TRUCK APPLICATIONS INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4°/-4° CAM ADJUSTMENT. BRONZE WASHER
		<b>48510W-9</b>	RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD, CLAIMER ENGINES. FOR CAR AND TRUCK APPLICATIONS INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4°/-4° CAM ADJUSTMENT. BRONZE WASHER
		<b>40205</b>	INCLUDES DOUBLE ROLLER CHAIN, CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET. CAR AND TRUCK APPLICATIONS.
		<b>40401</b>	INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET. CAR AND TRUCK APPLICATIONS.
		<b>40510</b>	INCLUDES SEAMLESS SINGLE SOLID ROLLER CHAIN (.335" ROLLER), CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET EXC. STOCK ROLLER CAM ENGINES. FOR CAR AND TRUCK APPLICATIONS
		<b>48510T-9</b>	RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD, CLAIMER ENGINES. FOR CAR AND TRUCK APPLICATIONS INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4°/-4° CAM ADJUSTMENT. PRESS FIT ROLLER THRUST BEARINGS.
	<b>Oil Pump</b>	<b>10070-1000SS</b>	(MELLING PATENT 5,810,571) HI VOLUME 25%. MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE COATINGS. SCREW IN VALVE. SCREEN FOR 10" PAN INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME MOLY I/S SHAFT. STREET AND STRIP.
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**PERFORMANCE - CHEVROLET CARS & TRUCKS (Continued)**

Line No.	Part Title	Part No.	Description
<b>25</b>	<b>402 ENG - 1971-72 - 8 Cyl. - 4.125 Bore</b>		
	<b>Oil Pump</b>	<b>10070-800SS</b>	(MELLING PATENT 5,810,571) HI VOLUME 25%. MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE COATINGS. SCREW IN VALVE. SCREEN FOR 8" PAN INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME MOLY I/S SHAFT. STREET AND STRIP.
		<b>10070-900SS</b>	(MELLING PATENT 5,810,571) HI VOLUME 25%. MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE COATINGS. SCREW IN VALVE. SCREEN FOR 9" PAN INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME MOLY I/S SHAFT. STREET AND STRIP.
		<b>10077-800SS</b>	(MELLING PATENT 5,810,571) STANDARD VOLUME. MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE COATINGS. SCREW IN VALVE. SCREEN FOR 8" PAN INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME MOLY I/S SHAFT. STREET AND STRIP.
		<b>10077-900SS</b>	(MELLING PATENT 5,810,571) STANDARD VOLUME. MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE COATINGS. SCREW IN VALVE. SCREEN FOR 9" PAN INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME MOLY I/S SHAFT. STREET AND STRIP.
		<b>10770</b>	HI VOL PUMP (25% ADDL VOL OF OIL) FEATURES: STEEL GEARS; INCLUDES I/S SHAFT W/STEEL GUIDE. WILL USE STOCK 3/4" PRESS-IN SCREEN.
		<b>10774</b>	FEATURES STEEL GEARS; STANDARD VOLUME VERSION OF THE 10770 PUMP.
		<b>10778</b>	(MELLING PATENT 5,810,571) HI VOL PUMP (25% ADDL VOL OF OIL) FEATURES: STEEL GEARS; SHAFTS EXTENDED INTO COVER FOR SUPPORT, RELIEF VALVE HAS SCREW IN PLUG. INCLUDES [12770] CHROME MOLY INTERMEDIATE SHAFT WITH STEEL GUIDE.
		<b>10778C</b>	(MELLING PATENT 5,810,571) HI VOL PUMP (25% ADDL VOL OF OIL) FEATURES: STEEL GEARS; SHAFTS EXTENDED INTO COVER FOR SUPPORT, RELIEF VALVE HAS SCREW IN PLUG. INCLUDES [12770] CHROME MOLY INTERMEDIATE SHAFT WITH STEEL GUIDE. HAS ANTI-CAVITATION GROOVES. REQUIRES SPECIAL SCREW IN SCREEN. RACING APPLICATIONS ONLY.
	<b>Oil Pump Drive Shaft</b>	<b>12770</b>	PERFORMANCE TYPE INTERMEDIATE SHAFT. HIGH STRENGTH (150,000 PSI) CHROME MOLY STEEL. IMPROVED SHAFT RETAINER WHICH LOCKS ONTO THE OIL PUMP DRIVE SHAFT



**PERFORMANCE - CHEVROLET CARS & TRUCKS (Continued)**

<b>Line No.</b>	<b>Part Title</b>	<b>Part No.</b>	<b>Description</b>				
<b>26</b>	<b>427 ENG - 1966-69 - 8 Cyl. - 4.250 Bore</b>						
	<b>Torque Camshaft</b>  HYD. USE [VS-320] SPRING W/ INSTALLED HGT. OF 1.90. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1000-4500.	<b>MTC-6</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
Int. Exh.			Int. Exh.	Int. Exh.	Int. Exh.		
204 208			288 298	.459 .459	108 116	112	
	<b>Camshafts Using Mechanical Flat Tappet Lifters</b>  OEM #3904362. CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3200-7200.	<b>22396</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
Int. Exh.			Int. Exh.	Int. Exh.	Int. Exh.		
242 242			310 297	.520 .520	108 120	114	
	1966 REQUIRES A 3/16" WIDE X 7/16" DEEP GROOVE CUT IN THE REAR BEARING JOURNAL. CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3500-7500.	<b>22407</b>	250 261	301 304	.576 .639	108 116	112
	1966 REQUIRES A 3/16" WIDE X 7/16" DEEP GROOVE CUT IN THE REAR BEARING JOURNAL. CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 4500-8000.	<b>22427</b>	264 270	322 322	.559 .580	108 116	112
	<b>Camshafts Using Hydraulic Flat Tappet Lifters</b>  CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATBLE. POWER RANGE IDLE-4000.	<b>22100</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
Int. Exh.			Int. Exh.	Int. Exh.	Int. Exh.		
192 203			271 281	.398 .430	107 117	112	
	CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 700-4500.	<b>22127</b>	190 202	261 272	.438 .465	106 114	110
	CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5200.	<b>22204</b>	214 224	292 302	.503 .528	108 116	112
	CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5200.	<b>22214</b>	214 214	293 293	.503 .503	109 119	114
	CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2200-5700.	<b>22296</b>	222 235	310 325	.500 .505	110 120	115
	<i>Continued on Next Page</i>						

**PERFORMANCE - CHEVROLET CARS & TRUCKS (Continued)**

Line No.	Part Title	Part No.	Description				
<b>26</b>	<b>427 ENG - 1966-69 - 8 Cyl. - 4.250 Bore</b>						
	<b>Camshafts Using Hydraulic Flat Tappet Lifters</b>  CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2500-6000.	<b>22302</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
			Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
			230 230	309 309	.513 .513	106 114	110
	CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2500-6000.	<b>22306</b>	224 234	302 308	.528 .552	110 118	114
	CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3200-6700.	<b>22471</b>	240 246	305 311	.559 .572	110 114	112
	<b>Camshafts Using Hydraulic Roller Lifters</b>  CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2600-6300.	<b>22472</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
			Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
			237 245	335 329	.626 .639	109 115	112
	CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3000-6500.	<b>22480</b>	241 246	305 310	.559 .572	110 114	112
	CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2600-6300.	<b>22485</b>	236 246	316 324	.561 .578	106 114	110
	<b>Camshafts Using Hydraulic Retro-fit Roller Lifters</b>  FOR USE WITH RETRO-FIT ROLLER LIFTER [BB817RF16] CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5200	<b>22141</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
			Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
			216 228	288 300	.501 .510	108 116	112
	FOR USE WITH RETRO-FIT ROLLER LIFTER [BB817RF16] CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2200-5700	<b>22236</b>	224 234	296 308	.527 .544	106 114	110
	<b>Mell Lube</b>	<b>M-10012</b>	ENGINE ASSEMBLY LUBRICANT				
	<b>Torque Cam Lifter Kit</b>	<b>CL-MTC-6</b>	CLASS I HYD. NOT COMPUTER COMPATIBLE. USE WITH [VS-320] SPRING W/INSTALLED HGT. OF 1.90. NOT CALIFORNIA COMPLIANT. KIT INCLUDES 1-[MTC-6] CAM, 16-[JB-817] LIFTERS & 4OZ MELL LUBE.				
	<b>Hydraulic Flat Tappet Lifters</b>	<b>298174</b>	USE FACTORY SETTING				
		<b>298184</b>	ANTI-PUMP UP, SET AT ZERO LASH; MUST BE USED W/ ADJUSTABLE VALVE TRAIN				
	<i>Continued on Next Page</i>						

**PERFORMANCE - CHEVROLET CARS & TRUCKS (Continued)**

<b>Line No.</b>	<b>Part Title</b>	<b>Part No.</b>	<b>Description</b>
<b>26</b>	<b>427 ENG - 1966-69 - 8 Cyl. - 4.250 Bore</b>		
	<b>Hydraulic Roller Lifters</b>	<b>JB-7003</b>	STOCK REPLACEMENT TYPE; HYD. ROLLER
	<b>Hydraulic Retro-fit Roller Lifters</b>	<b>BB817RF16</b>	RETRO-FIT LIFTER FOR USE W/ RETRO-FIT ROLLER CAMSHAFT [22141], [22236]
	<b>Valve Locks</b>	<b>473004</b>	HARDENED 3/8" STEM 2 GROOVE
		<b>476104</b>	HARDENED 11/32" STEM
	<b>Valve Spring with Mechanical Lifters</b>	<b>VS-320</b>	USE W/ [MTC-6] CAMSHAFT; INSTALLED HGT. OF 1.90 (MACHINING MAY BE REQUIRED)
		<b>VS-320</b>	USE WITH [22100] CAM- NOTE: ASM. HEIGHT OF 1.88
		<b>466154</b>	OUTER- USE WITH [22427] CAM- MACHINING MAY BE REQUIRED
		<b>466164</b>	INNER- USE WITH [22427] CAM- MACHINING MAY BE REQUIRED
	<b>Valve Spring with Hydraulic Lifters</b>	<b>466224</b>	USE WITH [22214], [22204], [22296], [22306], [22302], [22100] CAMS- NOTE: ASM. HEIGHT OF 1.88- MACHINING MAY BE REQUIRED.
		<b>466224</b>	USE WITH [22396] CAM- MACHINING MAY BE REQUIRED
	<b>Valve Spring Retainers</b>	<b>475064</b>	CHROME MOLY
	<b>Rocker Arms</b>	<b>498684</b>	LONG SLOT ROCKER ARM RATIO 1.75
	<b>Guide Plates</b>	<b>MGP1074</b>	3/8" THICK- MUST BE USED WITH SCREW-IN ROCKER ARM STUDS. (RAISED)
	<b>Gear Drive Set</b>	<b>48410</b>	INCLUDES 8620 CARBURIZED STEEL GEARS, ROLLER CAMBUTTON, LOCK PLATE AND BOLTS, TIMING ADJUSTED WITH 5 OPTIONAL COLOR CODED DOWEL PIN HOLE INSERTS. RECOMMENDED FOR STREET AND STRIP, CLAIMER AND RACING ENGINES UP TO 6,500 RPM.; NOISY SET NOISY SET
		<b>48410Q</b>	INCLUDES 8620 CARBURIZED STEEL GEARS, ROLLER CAMBUTTON, LOCK PLATE AND BOLTS, TIMING ADJUSTED WITH 5 OPTIONAL COLOR CODED DOWEL PIN HOLE INSERTS. RECOMMENDED FOR STREET AND STRIP, CLAIMER AND RACING ENGINES UP TO 6,500 RPM.; QUIET SET QUIET SET
	<b>3pc Set</b>	<b>48510W-9</b>	RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD, CLAIMER ENGINES. INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4°/-4° CAM ADJUSTMENT. BRONZE WASHER
		<b>48510W-9</b>	RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD, CLAIMER ENGINES. INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4°/-4° CAM ADJUSTMENT. BRONZE WASHER
		<b>40205</b>	INCLUDES DOUBLE ROLLER CHAIN, CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET.
		<b>40401</b>	INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET.
		<b>40510</b>	INCLUDES SEAMLESS SINGLE SOLID ROLLER CHAIN (.335" ROLLER), CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET EXC. STOCK ROLLER CAM ENGINES.
	<i>Continued on Next Page</i>		

**PERFORMANCE - CHEVROLET CARS & TRUCKS (Continued)**

Line No.	Part Title	Part No.	Description
<b>26</b>	<b>427 ENG - 1966-69 - 8 Cyl. - 4.250 Bore</b>		
	3pc Set	48510T-9	RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD, CLAIMER ENGINES. INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4°/-4° CAM ADJUSTMENT. PRESS FIT ROLLER THRUST BEARINGS.
	Oil Pump	10070-1000SS	(MELLING PATENT 5,810,571) HI VOLUME 25%. MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE COATINGS. SCREW IN VALVE. SCREEN FOR 10" PAN INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME MOLY I/S SHAFT. STREET AND STRIP.
		10070-800SS	(MELLING PATENT 5,810,571) HI VOLUME 25%. MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE COATINGS. SCREW IN VALVE. SCREEN FOR 8" PAN INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME MOLY I/S SHAFT. STREET AND STRIP.
		10070-900SS	(MELLING PATENT 5,810,571) HI VOLUME 25%. MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE COATINGS. SCREW IN VALVE. SCREEN FOR 9" PAN INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME MOLY I/S SHAFT. STREET AND STRIP.
		10077-800SS	(MELLING PATENT 5,810,571) STANDARD VOLUME. MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE COATINGS. SCREW IN VALVE. SCREEN FOR 8" PAN INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME MOLY I/S SHAFT. STREET AND STRIP.
		10077-900SS	(MELLING PATENT 5,810,571) STANDARD VOLUME. MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE COATINGS. SCREW IN VALVE. SCREEN FOR 9" PAN INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME MOLY I/S SHAFT. STREET AND STRIP.
		10770	HI VOL PUMP (25% ADDL VOL OF OIL) FEATURES: STEEL GEARS; INCLUDES I/S SHAFT W/STEEL GUIDE. WILL USE STOCK 3/4" PRESS-IN SCREEN.
		10774	FEATURES STEEL GEARS; STANDARD VOLUME VERSION OF THE 10770 PUMP.
		10778	HI VOL PUMP (25% ADDL VOL OF OIL) FEATURES: STEEL GEARS; SHAFTS EXTENDED INTO COVER FOR SUPPORT, RELIEF VALVE HAS SCREW IN PLUG. INCLUDES [12770] CHROME MOLY INTERMEDIATE SHAFT WITH STEEL GUIDE.
	<i>Continued on Next Page</i>		

**PERFORMANCE - CHEVROLET CARS & TRUCKS (Continued)**

Line No.	Part Title	Part No.	Description				
<b>26</b>	<b>427 ENG - 1966-69 - 8 Cyl. - 4.250 Bore</b>						
	<b>Oil Pump</b>	<b>10778C</b>	HI VOL PUMP (25% ADDL VOL OF OIL) FEATURES: STEEL GEARS; SHAFTS EXTENDED INTO COVER FOR SUPPORT, RELIEF VALVE HAS SCREW IN PLUG. INCLUDES [12770] CHROME MOLY INTERMEDIATE SHAFT WITH STEEL GUIDE. HAS ANTI-CAVITATION GROOVES. REQUIRES SPECIAL SCREW IN SCREEN. RACING APPLICATIONS ONLY.				
	<b>Oil Pump Drive Shaft</b>	<b>12770</b>	PERFORMANCE TYPE INTERMEDIATE SHAFT. HIGH STRENGTH (150,000 PSI) CHROME MOLY STEEL. IMPROVED SHAFT RETAINER WHICH LOCKS ONTO THE OIL PUMP DRIVE SHAFT				
<b>27</b>	<b>427 ENG - 1980-90 - 8 Cyl. - 4.250 Bore</b>						
	<b>Torque Camshaft</b>	<b>MTC-6</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
	HYD. USE [VS-320] SPRING W/ INSTALLED HGT. OF 1.90. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1000-4500.		Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
			204 208	288 298	.459 .459	108 116	112
	<b>Camshafts Using Mechanical Flat Tappet Lifters</b>	<b>22396</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
	OEM #3904362. CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3200-7200.		Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
			242 242	310 297	.520 .520	108 120	114
	CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3500-7500.	<b>22407</b>	250 261	301 304	.576 .639	108 116	112
	CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 4500-8000.	<b>22427</b>	264 270	322 322	.559 .580	108 116	112
	<b>Camshafts Using Hydraulic Flat Tappet Lifters</b>	<b>22100</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
	CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE IDLE-4000.		Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
			192 203	271 281	.398 .430	107 117	112
	CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 700-4500.	<b>22127</b>	190 202	261 272	.438 .465	106 114	110
	CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5200.	<b>22204</b>	214 224	292 302	.503 .528	108 116	112
	<i>Continued on Next Page</i>						

**PERFORMANCE - CHEVROLET CARS & TRUCKS (Continued)**

Line No.	Part Title	Part No.	Description				
<b>27</b>	<b>427 ENG - 1980-90 - 8 Cyl. - 4.250 Bore</b>						
	<b>Camshafts Using Hydraulic Flat Tappet Lifters</b>		Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
			Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
	CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5200.	<b>22214</b>	214 214	293 293	.503 .503	109 119	114
	CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2200-5700.	<b>22296</b>	222 235	310 325	.500 .505	110 120	115
	CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2500-6000.	<b>22302</b>	230 230	309 309	.513 .513	106 114	110
	CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2500-6000.	<b>22306</b>	224 234	302 308	.528 .552	110 118	114
	CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3200-6700.	<b>22471</b>	240 246	305 311	.559 .572	110 114	112
	<b>Camshafts Using Hydraulic Roller Lifters</b>		Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
			Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
	CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2600-6300.	<b>22472</b>	237 245	335 329	.626 .639	109 115	112
	CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3000-6500.	<b>22480</b>	241 246	305 310	.559 .572	110 114	112
	CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2600-6300.	<b>22485</b>	236 246	316 324	.561 .578	106 114	110
	<b>Camshafts Using Hydraulic Retro-fit Roller Lifters</b>		Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
			Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
	FOR USE WITH RETRO-FIT ROLLER LIFTERS [BB817RF16] AND [BB969RF16] CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5200	<b>22141</b>	216 228	288 300	.501 .510	108 116	112
	FOR USE WITH RETRO-FIT ROLLER LIFTERS [BB817RF16] AND [BB969RF16] CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2200-5700	<b>22236</b>	224 234	296 308	.527 .544	106 114	110
	<i>Continued on Next Page</i>						

**PERFORMANCE - CHEVROLET CARS & TRUCKS (Continued)**

<b>Line No.</b>	<b>Part Title</b>	<b>Part No.</b>	<b>Description</b>
<b>27</b>	<b>427 ENG - 1980-90 - 8 Cyl. - 4.250 Bore</b>		
	<b>Mell Lube</b>	<b>M-10012</b>	ENGINE ASSEMBLY LUBRICANT
	<b>Torque Cam Lifter Kit</b>	<b>CL-MTC-6</b>	CLASS I HYD. NOT COMPUTER COMPATIBLE. USE WITH [VS-320] SPRING W/INSTALLED HGT. OF 1.90. NOT CALIFORNIA COMPLIANT. KIT INCLUDES 1-[MTC-6] CAM, 16-[JB-817] LIFTERS & 4OZ MELL LUBE.
	<b>Hydraulic Flat Tappet Lifters</b>	<b>298174</b>	USE FACTORY SETTING
		<b>298184</b>	ANTI-PUMP UP, SET AT ZERO LASH; MUST BE USED W/ ADJUSTABLE VALVE TRAIN
	<b>Hydraulic Roller Lifters</b>	<b>JB-7003</b>	STOCK REPLACEMENT TYPE
	<b>Hydraulic Retro-fit Roller Lifters</b>	<b>BB817RF16</b>	1980-1987 RETRO-FIT LIFTER FOR USE W/ RETRO-FIT ROLLER CAMSHAFTS [22141], [22236]
		<b>BB969RF16</b>	1988-1990 RETRO-FIT LIFTER FOR USE W/ RETRO-FIT ROLLER CAMSHAFTS [22141], [22236]
	<b>Valve Locks</b>	<b>473004</b>	HARDENED 3/8" STEM 2 GROOVE
		<b>476104</b>	HARDENED 11/32" STEM
	<b>Valve Spring with Mechanical Lifters</b>	<b>VS-320</b>	USE W/ [MTC-6] CAMSHAFT; INSTALLED HGT. OF 1.90 (MACHINING MAY BE REQUIRED)
		<b>VS-320</b>	USE WITH [22100] CAM- NOTE: ASM. HEIGHT OF 1.88
		<b>466154</b>	OUTER- USE WITH [22427] CAM- MACHINING MAY BE REQUIRED
		<b>466164</b>	INNER- USE WITH [22427] CAM- MACHINING MAY BE REQUIRED
	<b>Valve Spring with Hydraulic Lifters</b>	<b>466224</b>	USE WITH [22396] CAM- MACHINING MAY BE REQUIRED
		<b>466224</b>	USE WITH [22214], [22204], [22296], [22306], [22302], [22100] CAMS- NOTE: ASM. HEIGHT OF 1.88- MACHINING MAY BE REQUIRED.
	<b>Valve Spring Retainers</b>	<b>475064</b>	CHROME MOLY
	<b>Rocker Arms</b>	<b>498684</b>	LONG SLOT ROCKER ARM RATIO 1.75
	<b>Chrome Moly Push Rods</b>	<b>500624</b>	INT. 3/8" DIA. MAX. SPRING PRESSURE 350 LBS.
		<b>500634</b>	EXH. 3/8" DIA. MAX. SPRING PRESSURE 350 LBS.
	<b>Guide Plates</b>	<b>MGP1064</b>	7/16" THICK- MUST BE USED WITH SCREW-IN ROCKER ARM STUDS. (RAISED)
		<b>MGP1074</b>	3/8" THICK- MUST BE USED WITH SCREW-IN ROCKER ARM STUDS. (RAISED)
	<b>Gear Drive Set</b>	<b>48410</b>	INCLUDES 8620 CARBURIZED STEEL GEARS, ROLLER CAMBUTTON, LOCK PLATE AND BOLTS, TIMING ADJUSTED WITH 5 OPTIONAL COLOR CODED DOWEL PIN HOLE INSERTS. RECOMMENDED FOR STREET AND STRIP, CLAIMER AND RACING ENGINES UP TO 6,500 RPM.; NOISY SET NOISY SET
		<b>48410Q</b>	INCLUDES 8620 CARBURIZED STEEL GEARS, ROLLER CAMBUTTON, LOCK PLATE AND BOLTS, TIMING ADJUSTED WITH 5 OPTIONAL COLOR CODED DOWEL PIN HOLE INSERTS. RECOMMENDED FOR STREET AND STRIP, CLAIMER AND RACING ENGINES UP TO 6,500 RPM.; QUIET SET QUIET SET
	<b>3pc Set</b>	<b>48510W-9</b>	RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD, CLAIMER ENGINES. INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4°/-4° CAM ADJUSTMENT. BRONZE WASHER
	<i>Continued on Next Page</i>		

**PERFORMANCE - CHEVROLET CARS & TRUCKS (Continued)**

Line No.	Part Title	Part No.	Description
<b>27</b>	<b>427 ENG - 1980-90 - 8 Cyl. - 4.250 Bore</b>		
	<b>3pc Set</b>	<b>48510W-9</b>	RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD, CLAIMER ENGINES. INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4°/-4° CAM ADJUSTMENT. BRONZE WASHER
		<b>40205</b>	INCLUDES DOUBLE ROLLER CHAIN, CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET.
		<b>40401</b>	INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET.
		<b>40510</b>	INCLUDES SEAMLESS SINGLE SOLID ROLLER CHAIN (.335" ROLLER), CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET EXC. STOCK ROLLER CAM ENGINES.
		<b>48510T-9</b>	RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD, CLAIMER ENGINES. INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4°/-4° CAM ADJUSTMENT. PRESS FIT ROLLER THRUST BEARINGS.
	<b>Oil Pump</b>	<b>10070-1000SS</b>	(MELLING PATENT 5,810,571) HI VOLUME 25%. MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE COATINGS. SCREW IN VALVE. SCREEN FOR 10" PAN INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME MOLY I/S SHAFT. STREET AND STRIP.
		<b>10070-800SS</b>	(MELLING PATENT 5,810,571) HI VOLUME 25%. MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE COATINGS. SCREW IN VALVE. SCREEN FOR 8" PAN INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME MOLY I/S SHAFT. STREET AND STRIP.
		<b>10070-900SS</b>	(MELLING PATENT 5,810,571) HI VOLUME 25%. MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE COATINGS. SCREW IN VALVE. SCREEN FOR 9" PAN INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME MOLY I/S SHAFT. STREET AND STRIP.
		<b>10077-800SS</b>	(MELLING PATENT 5,810,571) STANDARD VOLUME. MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE COATINGS. SCREW IN VALVE. SCREEN FOR 8" PAN INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME MOLY I/S SHAFT. STREET AND STRIP.
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**PERFORMANCE - CHEVROLET CARS & TRUCKS (Continued)**

Line No.	Part Title	Part No.	Description				
<b>27</b>	<b>427 ENG - 1980-90 - 8 Cyl. - 4.250 Bore</b>						
	<b>Oil Pump</b>	<b>10077-900SS</b>	(MELLING PATENT 5,810,571) STANDARD VOLUME. MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE COATINGS. SCREW IN VALVE. SCREEN FOR 9" PAN INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME MOLY I/S SHAFT. STREET AND STRIP.				
		<b>10770</b>	HI VOL PUMP (25% ADDL VOL OF OIL) FEATURES: STEEL GEARS; INCLUDES I/S SHAFT W/STEEL GUIDE. WILL USE STOCK 3/4" PRESS-IN SCREEN.				
		<b>10774</b>	FEATURES STEEL GEARS; STANDARD VOLUME VERSION OF THE 10770 PUMP.				
		<b>10778</b>	(MELLING PATENT 5,810,571) HI VOL PUMP (25% ADDL VOL OF OIL) FEATURES: STEEL GEARS; SHAFTS EXTENDED INTO COVER FOR SUPPORT, RELIEF VALVE HAS SCREW IN PLUG. INCLUDES [12770] CHROME MOLY INTERMEDIATE SHAFT WITH STEEL GUIDE.				
		<b>10778C</b>	(MELLING PATENT 5,810,571) HI VOL PUMP (25% ADDL VOL OF OIL) FEATURES: STEEL GEARS; SHAFTS EXTENDED INTO COVER FOR SUPPORT, RELIEF VALVE HAS SCREW IN PLUG. INCLUDES [12770] CHROME MOLY INTERMEDIATE SHAFT WITH STEEL GUIDE. HAS ANTI-CAVITATION GROOVES. REQUIRES SPECIAL SCREW IN SCREEN. RACING APPLICATIONS ONLY.				
	<b>Oil Pump Drive Shaft</b>	<b>12770</b>	PERFORMANCE TYPE INTERMEDIATE SHAFT. HIGH STRENGTH (150,000 PSI) CHROME MOLY STEEL. IMPROVED SHAFT RETAINER WHICH LOCKS ONTO THE OIL PUMP DRIVE SHAFT				
<b>28</b>	<b>454 ENG - 1970-76 - 8 Cyl. - 4.250 Bore</b>						
	<b>Torque Camshaft</b>	<b>MTC-6</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
	HYD. USE [VS-320] SPRING W/ INSTALLED HGT. OF 1.90. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1000-4500.		Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
			204 208	288 298	.459 .459	108 116	112
	<b>Camshafts Using Mechanical Flat Tappet Lifters</b>	<b>22396</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
	OEM #3904362. CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3200-7200.		Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
			242 242	310 297	.520 .520	108 120	114
	CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3500-7500.	<b>22407</b>	250 261	301 304	.576 .639	108 116	112
	<i>Continued on Next Page</i>						

**PERFORMANCE - CHEVROLET CARS & TRUCKS (Continued)**

Line No.	Part Title	Part No.	Description				
<b>28</b>	<b>454 ENG - 1970-76 - 8 Cyl. - 4.250 Bore</b>						
	<b>Camshafts Using Mechanical Flat Tappet Lifters</b>  CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 4500-8000.	<b>22427</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
Int. Exh.			Int. Exh.	Int. Exh.	Int. Exh.		
264 270			322 322	.559 .580	108 116	112	
	<b>Camshafts Using Hydraulic Flat Tappet Lifters</b>  CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE IDLE-4000.	<b>22100</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
Int. Exh.			Int. Exh.	Int. Exh.	Int. Exh.		
192 203			271 281	.398 .430	107 117	112	
	CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 700-4500.	<b>22127</b>	190 202	261 272	.438 .465	106 114	110
	CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5200.	<b>22204</b>	214 224	292 302	.503 .528	108 116	112
	CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5200.	<b>22214</b>	214 214	293 293	.503 .503	109 119	114
	CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2200-5700.	<b>22296</b>	222 235	310 325	.500 .505	110 120	115
	CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2500-6000.	<b>22302</b>	230 230	309 309	.513 .513	106 114	110
	CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2500-6000.	<b>22306</b>	224 234	302 308	.528 .552	110 118	114
	CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3200-6700.	<b>22471</b>	240 246	305 311	.559 .572	110 114	112
	<b>Camshafts Using Hydraulic Roller Lifters</b>  CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2600-6300.	<b>22472</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
Int. Exh.			Int. Exh.	Int. Exh.	Int. Exh.		
237 245			335 329	.626 .639	109 115	112	
	CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3000-6500.	<b>22480</b>	241 246	305 310	.559 .572	110 114	112
	<i>Continued on Next Page</i>						

**PERFORMANCE - CHEVROLET CARS & TRUCKS (Continued)**

Line No.	Part Title	Part No.	Description				
<b>28</b>	<b>454 ENG - 1970-76 - 8 Cyl. - 4.250 Bore</b>						
	<b>Camshafts Using Hydraulic Roller Lifters</b>  CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2600-6300.	<b>22485</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
			Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
			236 246	316 324	.561 .578	106 114	110
	<b>Camshafts Using Hydraulic Retro-fit Roller Lifters</b>  FOR USE WITH RETRO-FIT ROLLER LIFTER [BB817RF16] CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5200	<b>22141</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
			Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
			216 228	288 300	.501 .510	108 116	112
	FOR USE WITH RETRO-FIT ROLLER LIFTER [BB817RF16] CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2200-5700	<b>22236</b>	224 234	296 308	.527 .544	106 114	110
	<b>Mell Lube</b>	<b>M-10012</b>	ENGINE ASSEMBLY LUBRICANT				
	<b>Torque Cam Lifter Kit</b>	<b>CL-MTC-6</b>	CLASS I HYD. NOT COMPUTER COMPATIBLE. USE WITH [VS-320] SPRING W/INSTALLED HGT. OF 1.90. NOT CALIFORNIA COMPLIANT. KIT INCLUDES 1-[MTC-6] CAM, 16-[JB-817] LIFTERS & 4OZ MELL LUBE.				
	<b>Hydraulic Flat Tappet Lifters</b>	<b>298174</b>	USE FACTORY SETTING				
		<b>298184</b>	ANTI-PUMP UP, SET AT ZERO LASH; MUST BE USED W/ ADJUSTABLE VALVE TRAIN				
	<b>Hydraulic Roller Lifters</b>	<b>JB-7003</b>	STOCK REPLACEMENT TYPE; HYD. ROLLER				
	<b>Hydraulic Retro-fit Roller Lifters</b>	<b>BB817RF16</b>	RETRO-FIT LIFTER FOR USE W/ RETRO-FIT ROLLER CAMSHAFTS [22141], [22236]				
	<b>Valve Locks</b>	<b>473004</b>	HARDENED 3/8" STEM 2 GROOVE				
		<b>476104</b>	HARDENED 11/32" STEM				
	<b>Valve Spring with Mechanical Lifters</b>	<b>VS-320</b>	USE W/ [MTC-6] CAMSHAFT; INSTALLED HGT. OF 1.90 (MACHINING MAY BE REQUIRED)				
		<b>VS-320</b>	USE WITH [22100] CAM- NOTE: ASM. HEIGHT OF 1.88				
		<b>466154</b>	OUTER- USE WITH [22427] CAM- MACHINING MAY BE REQUIRED				
		<b>466164</b>	INNER- USE WITH [22427] CAM- MACHINING MAY BE REQUIRED				
	<b>Valve Spring with Hydraulic Lifters</b>	<b>466224</b>	USE WITH [22214], [22204], [22296], [22306], [22302], [22100] CAMS- NOTE: ASM. HEIGHT OF 1.88- MACHINING MAY BE REQUIRED.				
		<b>466224</b>	USE WITH [22396] CAM- MACHINING MAY BE REQUIRED				
	<b>Valve Spring Retainers</b>	<b>475064</b>	CHROME MOLY				
	<b>Rocker Arms</b>	<b>498684</b>	LONG SLOT ROCKER ARM RATIO 1.75				
	<b>Chrome Moly Push Rods</b>	<b>500154</b>	INT. 3/8" DIA. HEAT TREATED FOR GUIDE PLATES MAX. SPRING PRESSURE 350 LBS.				
		<b>500164</b>	EXH. 3/8" DIA. 9.230 LENGTH - HEAT TREATED FOR GUIDE PLATES. MAX. SPRING PRESSURE 350 LBS.				
	<i>Continued on Next Page</i>						

**PERFORMANCE - CHEVROLET CARS & TRUCKS (Continued)**

Line No.	Part Title	Part No.	Description
<b>28</b>	<b>454 ENG - 1970-76 - 8 Cyl. - 4.250 Bore</b>		
	<b>Chrome Moly Push Rods</b>	<b>500294</b>	INT. 7/16" DIA 8.280 LENGTH, 7/16" DIA. MAX. SPRING PRESSURE 350 LBS.
		<b>500304</b>	EXH. 7/16" DIA 9.252 LENGTH, 7/16". MAX. SPRING PRESSURE 350 LBS.
	<b>Guide Plates</b>	<b>MGP1064</b>	7/16" THICK- MUST BE USED WITH SCREW-IN ROCKER ARM STUDS. (RAISED)
		<b>MGP1074</b>	3/8" THICK- MUST BE USED WITH SCREW-IN ROCKER ARM STUDS. (RAISED)
	<b>Gear Drive Set</b>	<b>48410</b>	INCLUDES 8620 CARBURIZED STEEL GEARS, ROLLER CAMBUTTON, LOCK PLATE AND BOLTS, TIMING ADJUSTED WITH 5 OPTIONAL COLOR CODED DOWEL PIN HOLE INSERTS. RECOMMENDED FOR STREET AND STRIP, CLAIMER AND RACING ENGINES UP TO 6,500 RPM.; NOISY SET NOISY SET
		<b>48410Q</b>	INCLUDES 8620 CARBURIZED STEEL GEARS, ROLLER CAMBUTTON, LOCK PLATE AND BOLTS, TIMING ADJUSTED WITH 5 OPTIONAL COLOR CODED DOWEL PIN HOLE INSERTS. RECOMMENDED FOR STREET AND STRIP, CLAIMER AND RACING ENGINES UP TO 6,500 RPM.; QUIET SET QUIET SET
	<b>3pc Set</b>	<b>48510W-9</b>	RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD, CLAIMER ENGINES. INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4°/-4° CAM ADJUSTMENT. BRONZE WASHER
		<b>48510W-9</b>	RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD, CLAIMER ENGINES. INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4°/-4° CAM ADJUSTMENT. BRONZE WASHER
		<b>40205</b>	INCLUDES DOUBLE ROLLER CHAIN, CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET.
		<b>40401</b>	INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET.
		<b>40510</b>	INCLUDES SEAMLESS SINGLE SOLID ROLLER CHAIN (.335" ROLLER), CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET EXC. STOCK ROLLER CAM ENGINES.
		<b>48510T-9</b>	RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD, CLAIMER ENGINES. INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4°/-4° CAM ADJUSTMENT. PRESS FIT ROLLER THRUST BEARINGS.
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**PERFORMANCE - CHEVROLET CARS & TRUCKS (Continued)**

<b>Line No.</b>	<b>Part Title</b>	<b>Part No.</b>	<b>Description</b>
<b>28</b>	<b>454 ENG - 1970-76 - 8 Cyl. - 4.250 Bore</b>		
	<b>Oil Pump</b>	<b>10070-1000SS</b>	(MELLING PATENT 5,810,571) HI VOLUME 25%. MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE COATINGS. SCREW IN VALVE. SCREEN FOR 10" PAN INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME MOLY I/S SHAFT. STREET AND STRIP.
		<b>10070-800SS</b>	(MELLING PATENT 5,810,571) HI VOLUME 25%. MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE COATINGS. SCREW IN VALVE. SCREEN FOR 8" PAN INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME MOLY I/S SHAFT. STREET AND STRIP.
		<b>10070-900SS</b>	(MELLING PATENT 5,810,571) HI VOLUME 25%. MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE COATINGS. SCREW IN VALVE. SCREEN FOR 9" PAN INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME MOLY I/S SHAFT. STREET AND STRIP.
		<b>10077-800SS</b>	(MELLING PATENT 5,810,571) STANDARD VOLUME. MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE COATINGS. SCREW IN VALVE. SCREEN FOR 8" PAN INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME MOLY I/S SHAFT. STREET AND STRIP.
		<b>10077-900SS</b>	(MELLING PATENT 5,810,571) STANDARD VOLUME. MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE COATINGS. SCREW IN VALVE. SCREEN FOR 9" PAN INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME MOLY I/S SHAFT. STREET AND STRIP.
		<b>10770</b>	HI VOL PUMP (25% ADDL VOL OF OIL) FEATURES: STEEL GEARS; INCLUDES I/S SHAFT W/STEEL GUIDE. WILL USE STOCK 3/4" PRESS-IN SCREEN.
		<b>10774</b>	FEATURES STEEL GEARS; STANDARD VOLUME VERSION OF THE 10770 PUMP.
		<b>10778</b>	(MELLING PATENT 5,810,571) HI VOL PUMP (25% ADDL VOL OF OIL) FEATURES: STEEL GEARS; SHAFTS EXTENDED INTO COVER FOR SUPPORT, RELIEF VALVE HAS SCREW IN PLUG. INCLUDES [12770] CHROME MOLY INTERMEDIATE SHAFT WITH STEEL GUIDE.
	<i>Continued on Next Page</i>		

**PERFORMANCE - CHEVROLET CARS & TRUCKS (Continued)**

Line No.	Part Title	Part No.	Description				
<b>28</b>	<b>454 ENG - 1970-76 - 8 Cyl. - 4.250 Bore</b>						
	<b>Oil Pump</b>	<b>10778C</b>	(MELLING PATENT 5,810,571) HI VOL PUMP (25% ADDL VOL OF OIL) FEATURES: STEEL GEARS; SHAFTS EXTENDED INTO COVER FOR SUPPORT, RELIEF VALVE HAS SCREW IN PLUG. INCLUDES [12770] CHROME MOLY INTERMEDIATE SHAFT WITH STEEL GUIDE. HAS ANTI-CAVITATION GROOVES. REQUIRES SPECIAL SCREW IN SCREEN. RACING APPLICATIONS ONLY.				
	<b>Oil Pump Drive Shaft</b>	<b>12770</b>	PERFORMANCE TYPE INTERMEDIATE SHAFT. HIGH STRENGTH (150,000 PSI) CHROME MOLY STEEL. IMPROVED SHAFT RETAINER WHICH LOCKS ONTO THE OIL PUMP DRIVE SHAFT				
<b>29</b>	<b>454 ENG - 1970-97 - 8 Cyl. - 4.250 Bore</b>						
	<b>Torque Camshaft</b>	<b>MTC-6</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
	1970-1994 HYD. USE [VS-320] SPRING W/INSTALLED HGT. OF 1.90. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1000-4500.		Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
			204 208	288 298	.459 .459	108 116	112
	<b>Camshafts Using Mechanical Flat Tappet Lifters</b>	<b>22396</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
	1970-1994 OEM #3904362. CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3200-7200.		Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
			242 242	310 297	.520 .520	108 120	114
	1970-1994 CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3500-7500.	<b>22407</b>	250 261	301 304	.576 .639	108 116	112
	1970-1994 CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 4500-8000.	<b>22427</b>	264 270	322 322	.559 .580	108 116	112
	<b>Camshafts Using Hydraulic Flat Tappet Lifters</b>	<b>22100</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
	1970-1994 CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE IDLE-4000.		Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
			192 203	271 281	.398 .430	107 117	112
	1970-1994 CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 700-4500.	<b>22127</b>	190 202	261 272	.438 .465	106 114	110
	<i>Continued on Next Page</i>						

**PERFORMANCE - CHEVROLET CARS & TRUCKS (Continued)**

Line No.	Part Title	Part No.	Description				
<b>29</b>	<b>454 ENG - 1970-97 - 8 Cyl. - 4.250 Bore</b>						
	<b>Camshafts Using Hydraulic Flat Tappet Lifters</b>		Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
			Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
	1970-1994 CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5200.	<b>22204</b>	214 224	292 302	.503 .528	108 116	112
	1970-1994 CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5200.	<b>22214</b>	214 214	293 293	.503 .503	109 119	114
	1970-1994 CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2200-5700.	<b>22296</b>	222 235	310 325	.500 .505	110 120	115
	1970-1994 CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2500-6000.	<b>22302</b>	230 230	309 309	.513 .513	106 114	110
	1970-1994 CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2500-6000.	<b>22306</b>	224 234	302 308	.528 .552	110 118	114
	1970-1994 CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3200-6700.	<b>22471</b>	240 246	305 311	.559 .572	110 114	112
	<b>Camshafts Using Hydraulic Roller Lifters</b>		Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
			Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
	1996-1997 FOR ENGINES EQUIPPED WITH FACTORY ROLLER. CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1600-5000.	<b>22297</b>	216 228	288 300	.502 .510	108 116	112
	CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2600-6300.	<b>22472</b>	237 245	335 329	.626 .639	109 115	112
	1970-1994 CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3000-6500.	<b>22480</b>	241 246	305 310	.559 .572	110 114	112
	CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2600-6300.	<b>22485</b>	236 246	316 324	.561 .578	106 114	110
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**PERFORMANCE - CHEVROLET CARS & TRUCKS (Continued)**

Line No.	Part Title	Part No.	Description				
<b>29</b>	<b>454 ENG - 1970-97 - 8 Cyl. - 4.250 Bore</b>						
	<b>Camshafts Using Hydraulic Retro-fit Roller Lifters</b>  FOR USE WITH RETRO-FIT ROLLER LIFTERS [BB817RF16] AND [BB969RF16] CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5200	<b>22141</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
Int. Exh.			Int. Exh.	Int. Exh.	Int. Exh.		
216 228			288 300	.501 .510	108 116	112	
	FOR USE WITH RETRO-FIT ROLLER LIFTERS [BB817RF16] AND [BB969RF16] CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2200-5700	<b>22236</b>	224 234	296 308	.527 .544	106 114	110
	<b>Mell Lube</b>	<b>M-10012</b>	ENGINE ASSEMBLY LUBRICANT				
	<b>Torque Cam Lifter Kit</b>	<b>CL-MTC-6</b>	1970-1994 CLASS I HYD. NOT COMPUTER COMPATIBLE. USE WITH [VS-320] SPRING W/ INSTALLED HGT. OF 1.90. NOT CALIFORNIA COMPLIANT. KIT INCLUDES 1-[MTC-6] CAM, 16-[JB-817] LIFTERS & 4OZ MELL LUBE.				
	<b>Hydraulic Flat Tappet Lifters</b>	<b>298174</b>	1970-1990 USE FACTORY SETTING				
		<b>298184</b>	1970-1994 ANTI-PUMP UP, SET AT ZERO LASH; MUST BE USED W/ ADJUSTABLE VALVE TRAIN				
		<b>299694</b>	1991-1997 USE FACTORY SETTING				
		<b>299704</b>	1991-1997 ANTI-PUMP UP, SET AT ZERO LASH; MUST BE USED W/ ADJUSTABLE VALVE TRAIN				
	<b>Hydraulic Roller Lifters</b>	<b>JB-7003</b>	1970-1994 STOCK REPLACEMENT TYPE; HYD. ROLLER				
	<b>Hydraulic Retro-fit Roller Lifters</b>	<b>BB817RF16</b>	1970-1987 RETRO-FIT LIFTER FOR USE W/ RETRO-FIT ROLLER CAMSHAFT [22141], [22236]				
		<b>BB969RF16</b>	1988-1997 RETRO-FIT LIFTER FOR USE W/ RETRO-FIT ROLLER CAMSHAFTS [22141], [22236]				
	<b>Valve Locks</b>	<b>473004</b>	1970-1994 HARDENED 3/8" STEM 2 GROOVE				
		<b>476104</b>	1970-1994 HARDENED 11/32" STEM				
	<b>Valve Spring with Mechanical Lifters</b>	<b>VS-320</b>	1970-1994 USE WITH [22100] CAM- NOTE: ASM. HEIGHT OF 1.88				
		<b>VS-320</b>	USE W/ [MTC-6] CAMSHAFT; INSTALLED HGT. OF 1.90 (MACHINING MAY BE REQUIRED)				
		<b>466154</b>	1970-1994 OUTER- USE WITH [22427] CAM- MACHINING MAY BE REQUIRED				
		<b>466164</b>	1970-1994 INNER- USE WITH [22427] CAM- MACHINING MAY BE REQUIRED				
	<b>Valve Spring with Hydraulic Lifters</b>	<b>466224</b>	1970-1994 USE WITH [22214], [22204], [22296], [22306], [22302], [22100] CAMS- NOTE: ASM. HEIGHT OF 1.88- MACHINING MAY BE REQUIRED.				
		<b>466224</b>	1970-1994 USE WITH [22396] CAM- MACHINING MAY BE REQUIRED				
	<b>Valve Spring Retainers</b>	<b>475064</b>	1974-1994 CHROME MOLY				
	<b>Rocker Arms</b>	<b>498684</b>	1970-1994 LONG SLOT ROCKER ARM RATIO 1.75				
	<b>Chrome Moly Push Rods</b>	<b>500154</b>	1974-1994 HEAT TREATED FOR GUIDEPLATES MAX. SPRING PRESSURE 350 LBS.				
		<b>500164</b>	1970-1994 9.230 LENGTH - HEAT TREATED FOR GUIDE PLATES. MAX. SPRING PRESSURE 350 LBS.				
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**PERFORMANCE - CHEVROLET CARS & TRUCKS (Continued)**

<b>Line No.</b>	<b>Part Title</b>	<b>Part No.</b>	<b>Description</b>
<b>29</b>	<b>454 ENG - 1970-97 - 8 Cyl. - 4.250 Bore</b>		
	<b>Chrome Moly Push Rods</b>	<b>500294</b>	1970-1994 8.280 LENGTH, 7/16" DIA. MAX. SPRING PRESSURE 350 LBS.
		<b>500304</b>	1970-1994 9.252 LENGTH, 7/16". MAX. SPRING PRESSURE 350 LBS.
	<b>Guide Plates</b>	<b>MGP1064</b>	1970-1994 7/16" THICK- MUST BE USED WITH SCREW-IN ROCKER ARM STUDS. (RAISED)
		<b>MGP1074</b>	1970-1994 3/8" THICK- MUST BE USED WITH SCREW-IN ROCKER ARM STUDS. (RAISED)
	<b>Gear Drive Set</b>	<b>48410</b>	INCLUDES 8620 CARBURIZED STEEL GEARS, ROLLER CAMBUTTON, LOCK PLATE AND BOLTS, TIMING ADJUSTED WITH 5 OPTIONAL COLOR CODED DOWEL PIN HOLE INSERTS. RECOMMENDED FOR STREET AND STRIP, CLAIMER AND RACING ENGINES UP TO 6,500 RPM.; NOISY SET NOISY SET
		<b>48410Q</b>	INCLUDES 8620 CARBURIZED STEEL GEARS, ROLLER CAMBUTTON, LOCK PLATE AND BOLTS, TIMING ADJUSTED WITH 5 OPTIONAL COLOR CODED DOWEL PIN HOLE INSERTS. RECOMMENDED FOR STREET AND STRIP, CLAIMER AND RACING ENGINES UP TO 6,500 RPM.; QUIET SET QUIET SET
	<b>3pc Set</b>	<b>48510W-9</b>	RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD, CLAIMER ENGINES. INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4°/-4° CAM ADJUSTMENT. BRONZE WASHER
		<b>48510W-9</b>	RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD, CLAIMER ENGINES. INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4°/-4° CAM ADJUSTMENT. BRONZE WASHER
		<b>40205</b>	1970-1994 INCLUDES DOUBLE ROLLER CHAIN, CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET.
		<b>40401</b>	1970-1994 INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET.
		<b>40510</b>	1970-1994 INCLUDES SEAMLESS SINGLE SOLID ROLLER CHAIN (.335" ROLLER), CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET EXC. STOCK ROLLER CAM ENGINES.
		<b>48510T-9</b>	RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD, CLAIMER ENGINES. INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4°/-4° CAM ADJUSTMENT. PRESS FIT ROLLER THRUST BEARINGS.
	<i>Continued on Next Page</i>		

**PERFORMANCE - CHEVROLET CARS & TRUCKS (Continued)**

Line No.	Part Title	Part No.	Description
<b>29</b>	<b>454 ENG - 1970-97 - 8 Cyl. - 4.250 Bore</b>		
	<b>Oil Pump</b>	<b>10070-1000SS</b>	(MELLING PATENT 5,810,571) HI VOLUME 25%. MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE COATINGS. SCREW IN VALVE. SCREEN FOR 10" PAN INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME MOLY I/S SHAFT. STREET AND STRIP.
		<b>10070-800SS</b>	1970-1994 (MELLING PATENT 5,810,571) HI VOLUME 25%. MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE COATINGS. SCREW IN VALVE. SCREEN FOR 8" PAN INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME MOLY I/S SHAFT. STREET AND STRIP.
		<b>10070-900SS</b>	1970-1994 (MELLING PATENT 5,810,571) HI VOLUME 25%. MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE COATINGS. SCREW IN VALVE. SCREEN FOR 9" PAN INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME MOLY I/S SHAFT. STREET AND STRIP.
		<b>10077-800SS</b>	1970-1994 (MELLING PATENT 5,810,571) STANDARD VOLUME. MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE COATINGS. SCREW IN VALVE. SCREEN FOR 8" PAN INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME MOLY I/S SHAFT. STREET AND STRIP.
		<b>10077-900SS</b>	1970-1994 (MELLING PATENT 5,810,571) STANDARD VOLUME. MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE COATINGS. SCREW IN VALVE. SCREEN FOR 9" PAN INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME MOLY I/S SHAFT. STREET AND STRIP.
		<b>10770</b>	1970-1994 HI VOL PUMP (25% ADDL VOL OF OIL) FEATURES: STEEL GEARS; INCLUDES I/S SHAFT W/ STEEL GUIDE. WILL USE STOCK 3/4" PRESS-IN SCREEN.
		<b>10774</b>	1970-1994 FEATURES STEEL GEARS; STANDARD VOLUME VERSION OF THE 10770 PUMP.
		<b>10778</b>	1970-1994 (MELLING PATENT 5,810,571) HI VOL PUMP (25% ADDL VOL OF OIL) FEATURES: STEEL GEARS; SHAFTS EXTENDED INTO COVER FOR SUPPORT, RELIEF VALVE HAS SCREW IN PLUG. INCLUDES [12770] CHROME MOLY INTERMEDIATE SHAFT WITH STEEL GUIDE.
	<i>Continued on Next Page</i>		

**PERFORMANCE - CHEVROLET CARS & TRUCKS (Continued)**

Line No.	Part Title	Part No.	Description
<b>29</b>	<b>454 ENG - 1970-97 - 8 Cyl. - 4.250 Bore</b>		
	Oil Pump	10778C	1970-1994 (MELLING PATENT 5,810,571) HI VOL PUMP (25% ADDL VOL OF OIL) FEATURES: STEEL GEARS; SHAFTS EXTENDED INTO COVER FOR SUPPORT, RELIEF VALVE HAS SCREW IN PLUG. INCLUDES [12770] CHROME MOLY INTERMEDIATE SHAFT WITH STEEL GUIDE. HAS ANTI-CAVITATION GROOVES. REQUIRES SPECIAL SCREW IN SCREEN. RACING APPLICATIONS ONLY.
	Oil Pump Drive Shaft	12770	1970-1994 PERFORMANCE TYPE INTERMEDIATE SHAFT. HIGH STRENGTH (150,000 PSI) CHROME MOLY STEEL. IMPROVED SHAFT RETAINER WHICH LOCKS ONTO THE OIL PUMP DRIVE SHAFT

**PERFORMANCE - CHRYSLER PRODUCTS**

Line No.	Part Title	Part No.	Description				
<b>1</b>	<b>2.0-Y (122) DOHC ENG. - 1995-99 - 4Cyl. - 3.44 Bore</b>						
	Mell Lube	M-10012	ENGINE ASSEMBLY LUBRICANT				
	Oil Pump	10190	HI VOLUME 20%. UPGRADED MATERIALS FOR IMPROVED PERFORMANCE AND DURABILITY. INSTALLED RELIEF SPRING DESIGNED TO INCREASE INTERNAL BY-PASS PRESSURE SETTING. SUPPLIED WITH ADDITIONAL SPRING TO REDUCE BY-PASS PRESSURE TO STOCK SETTINGS.				
<b>2</b>	<b>2.0-C,F (122) SOHC ENG - 1995-05 4 Cyl. - 3.45 Bore</b>						
	Mell Lube	M-10012	ENGINE ASSEMBLY LUBRICANT				
	Oil Pump	10190	HI VOLUME 20%. UPGRADED MATERIALS FOR IMPROVED PERFORMANCE AND DURABILITY. INSTALLED RELIEF SPRING DESIGNED TO INCREASE INTERNAL BY-PASS PRESSURE SETTING. SUPPLIED WITH ADDITIONAL SPRING TO REDUCE BY-PASS PRESSURE TO STOCK SETTINGS.				
<b>3</b>	<b>4.5 (273) ENG - 1965-69 - V8 - 3.625 Bore</b>						
	Torque Camshaft	MTD-1	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
			Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
	HYD. IMPROVES LOW-MID PERF. CHECK FOR COIL BIND. (EXC. ROLLER LIFTERS) CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1200-4700.		204 214	278 288	.421 .443	108 116	112
	Camshafts Using Hydraulic Flat Tappet Lifters	23203	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
			Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
	EXC. ROLLER LIFTERS. CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5200.		214 224	288 298	.444 .466	108 116	112
	Mechanical Flat Tappet Lifters	299374					
	Hydraulic Flat Tappet Lifters	290114					
	Valve Locks	471004	INTAKE				
	<i>Continued on Next Page</i>						

**PERFORMANCE - CHRYSLER PRODUCTS (Continued)**

Line No.	Part Title	Part No.	Description				
<b>3</b>	<b>4.5 (273) ENG - 1965-69 - V8 - 3.625 Bore</b>						
	<b>Valve Locks</b>	<b>474004</b>	EXHAUST				
	<b>Valve Spring with Hydraulic Lifters</b>	<b>466434</b>	USE WITH [MTD-1], [23301], [23203], [23123] CAMS (MACHINING MAY BE REQUIRED)				
	<b>Valve Spring Retainers</b>	<b>475144</b>	CHROME MOLY - USE WITH [466434] SPRINGS				
	<b>Chrome Moly Push Rods</b>	<b>500224</b>	1965-1967 USE WITH MECHANICAL LIFTERS MAX. SPRING PRESSURE 350 LBS.				
		<b>500594</b>	1968-1969 USE WITH HYDRAULIC LIFTERS MAX. SPRING PRESSURE 350 LBS.				
	<b>3pc Set</b>	<b>40202</b>	INCLUDES ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET				
		<b>40406</b>	INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET				
	<b>Oil Pump</b>	<b>M-72HV</b>	HI VOL PUMP (25% ADDL VOL OF OIL)				
	<b>Oil Pump Drive Shaft</b>	<b>12720</b>	PERFORMANCE TYPE INTERMEDIATE SHAFT. HIGH STRENGTH (150,000 PSI) CHROME MOLY STEEL. IMPROVED SHAFT RETAINER WHICH LOCKS ONTO THE OIL PUMP DRIVE SHAFT				
<b>4</b>	<b>5.2 (318) OHV ENG - 1975-02 - V8 - 3.910 Bore</b>						
	<b>Torque Camshaft</b>		Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
	1975-1988 HYD.IMPROVES LOW-MID PERF. CHECK FOR COIL BIND. (EXC. ROLLER LIFTERS) CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1200-4700.	<b>MTD-1</b>	Int. Exh. 204 214	Int. Exh. 278 288	Int. Exh. .421 .443	Int. Exh. 108 116	112
	<b>Camshafts Using Hydraulic Flat Tappet Lifters</b>		Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
	EXC. ROLLER LIFTERS. CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5200.	<b>23203</b>	Int. Exh. 214 224	Int. Exh. 288 298	Int. Exh. .444 .466	Int. Exh. 108 116	112
	<b>Mechanical Flat Tappet Lifters</b>	<b>299374</b>					
	<b>Hydraulic Flat Tappet Lifters</b>	<b>290114</b>					
	<b>Valve Locks</b>	<b>471004</b>	INTAKE				
		<b>474004</b>	EXHAUST				
	<b>Valve Spring with Hydraulic Lifters</b>	<b>466434</b>	USE WITH [MTD-1], [23301], [23203], [23123] CAMS (MACHINING MAY BE REQUIRED)				
	<b>Valve Spring Retainers</b>	<b>475144</b>	CHROME MOLY - USE WITH [466434] SPRINGS				
	<b>Chrome Moly Push Rods</b>	<b>500594</b>	1975-1989 EXC. ROLLER LIFTERS MAX. SPRING PRESSURE 350 LBS.				
	<b>3pc Set</b>	<b>40202</b>	INCLUDES ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET				
		<b>40406</b>	INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET				
	<b>Oil Pump</b>	<b>M-72HV</b>	HI VOL PUMP (25% ADDL VOL OF OIL)				
	<i>Continued on Next Page</i>						

**PERFORMANCE - CHRYSLER PRODUCTS (Continued)**

Line No.	Part Title	Part No.	Description				
<b>4</b>	<b>5.2 (318) OHV ENG - 1975-02 - V8 - 3.910 Bore</b>						
	Oil Pump Drive Shaft	12720	PERFORMANCE TYPE INTERMEDIATE SHAFT. HIGH STRENGTH (150,000 PSI) CHROME MOLY STEEL. IMPROVED SHAFT RETAINER WHICH LOCKS ONTO THE OIL PUMP DRIVE SHAFT				
<b>5</b>	<b>5.6 (340) ENG - 1968-73 - V8 - 4.04 Bore</b>						
	Torque Camshaft  HYD. IMPROVES LOW-MID PERF. CHECK FOR COIL BIND. (EXC. ROLLER LIFTERS) CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1200-4700.	MTD-1	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
			Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
			204 214	278 288	.421 .443	108 116	112
	Camshafts Using Hydraulic Flat Tappet Lifters  EXC. ROLLER LIFTERS. CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5200.	23203	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
			Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
			214 224	288 298	.444 .466	108 116	112
	Mechanical Flat Tappet Lifters	299374					
	Hydraulic Flat Tappet Lifters	290114					
	Valve Locks	471004	INTAKE				
		474004	EXHAUST				
	Valve Spring with Hydraulic Lifters	466434	USE WITH [MTD-1], [23301], [23203], [23123] CAMS (MACHINING MAY BE REQUIRED)				
	Valve Spring Retainers	475144	CHROME MOLY - USE WITH [466434] SPRINGS				
	Chrome Moly Push Rods	500594	USE WITH HYD. LIFTERS MAX. SPRING PRESSURE 350 LBS.				
	3pc Set	40202	INCLUDES ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET				
		40406	INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET				
	Oil Pump	M-72HV	HI VOL PUMP (25% ADDL VOL OF OIL)				
	Oil Pump Drive Shaft	12720	PERFORMANCE TYPE INTERMEDIATE SHAFT. HIGH STRENGTH (150,000 PSI) CHROME MOLY STEEL. IMPROVED SHAFT RETAINER WHICH LOCKS ONTO THE OIL PUMP DRIVE SHAFT				
<b>6</b>	<b>5.7-2,D,H (345) OHV ENG - 2003-07 - 8 Cyl. - 3.92 Bore</b>						
	Mell Lube	M-10012	ENGINE ASSEMBLY LUBRICANT				
	Oil Pump	10342	EXCLUDES ASPEN. STANDARD VOLUME. PROTECTIVE ANODIZED BODY. CAST IRON COVER WITH PHOSPHATE COATING. SCREW IN VALVE. CUP PLUG REPLACED WITH THREADED FITTING. USES 1-1/8" BOLT ON SCREEN. INCLUDES OPTIONAL PRESSURE SPRINGS.				

**PERFORMANCE - CHRYSLER PRODUCTS (Continued)**

Line No.	Part Title	Part No.	Description				
<b>7</b>	<b>5.9 (360) OHV ENG - 1971-02 - V8 - 4.00 Bore</b>						
	<b>Torque Camshaft</b>	<b>MTD-1</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
			Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
	1971-1988 HYD. IMPROVES LOW-MID PERF. CHECK FOR COIL BIND. (EXC. ROLLER LIFTERS) CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1200-4700.		204 214	278 288	.421 .443	108 116	112
	<b>Camshafts Using Hydraulic Flat Tappet Lifters</b>	<b>23203</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
			Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
	EXC. ROLLER LIFTERS. CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5200.		214 224	288 298	.444 .466	108 116	112
	<b>Mechanical Flat Tappet Lifters</b>	<b>299374</b>					
	<b>Hydraulic Flat Tappet Lifters</b>	<b>290114</b>					
	<b>Valve Locks</b>	<b>471004</b>	INTAKE				
		<b>474004</b>	EXHAUST				
	<b>Valve Spring with Hydraulic Lifters</b>	<b>466434</b>	USE WITH [MTD-1], [23301], [23203] CAMS (MACHINING MAY BE REQUIRED)				
	<b>Valve Spring Retainers</b>	<b>475144</b>	USE W/ 466434 SPRINGS				
	<b>Chrome Moly Push Rods</b>	<b>500594</b>	1971-1988 USE WITH HYD. LIFTERS MAX. SPRING PRESSURE 350 LBS.				
	<b>3pc Set</b>	<b>40202</b>	INCLUDES ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET				
		<b>40406</b>	INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET				
	<b>Oil Pump</b>	<b>M-72HV</b>	HI VOL PUMP (25% ADDL VOL OF OIL)				
	<b>Oil Pump Drive Shaft</b>	<b>12720</b>	PERFORMANCE TYPE INTERMEDIATE SHAFT. HIGH STRENGTH (150,000 PSI) CHROME MOLY STEEL. IMPROVED SHAFT RETAINER WHICH LOCKS ONTO THE OIL PUMP DRIVE SHAFT				
<b>8</b>	<b>5.9 (361) ENG - 1961-64 - V8 - 4.125 Bore</b>						
	<b>Torque Camshaft</b>	<b>MTD-2</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
			Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
	SINGLE BOLT CAM. USE [466434]. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1200-4700.		204 214	278 288	.421 .443	107 117	112
	<i>Continued on Next Page</i>						

**PERFORMANCE - CHRYSLER PRODUCTS (Continued)**

Line No.	Part Title	Part No.	Description				
<b>8</b>	<b>5.9 (361) ENG - 1961-64 - V8 - 4.125 Bore</b>						
	<b>Camshafts Using Hydraulic Flat Tappet Lifters</b>		Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
			Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
	SINGLE BOLT CAM. CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5200.	<b>23204</b>	214 224	288 298	.443 .452	107 117	112
	SINGLE BOLT CAM. CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2500-6000.	<b>23302</b>	236 236	302 302	.480 .480	108 108	108
	CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3000-6400.	<b>23321</b>	242 242	329 329	.476 .476	106 106	106
	SINGLE BOLT CAM. CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3200-6700.	<b>23401</b>	242 253	311 322	.521 .551	108 110	109
	<b>Mechanical Flat Tappet Lifters</b>	<b>299374</b>					
	<b>Valve Locks</b>	<b>471004</b>	INTAKE				
		<b>474004</b>	EXHAUST				
	<b>Valve Spring with Mechanical Lifters</b>	<b>466154</b>	OUTER - USE WITH STOCK CAMS - MACHINING MAY BE REQUIRED				
		<b>466164</b>	INNER - USE WITH STOCK CAMS - MACHINING MAY BE REQUIRED				
	<b>Valve Spring with Hydraulic Lifters</b>	<b>466224</b>	USE WITH [23302] & [23204] CAMS - NOTE: ASM. HEIGHT OF 1.80-MACHINING MAY BE REQUIRED				
		<b>466434</b>	USE WITH [MTD-2] CAM - NOTE: ASM. HEIGHT OF 1.80-MACHINING MAY BE REQUIRED				
	<b>Valve Spring Retainers</b>	<b>475094</b>	CHROME MOLY - USE WITH [466154] & [466224] SPRINGS				
		<b>475144</b>	CHROME MOLY - USE WITH [466434] SPRINGS				
	<b>3pc Set</b>	<b>40203</b>	INCLUDES ROLLER CHAIN, CAST IRON SINGLE BOLT CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET				
		<b>40407</b>	INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET				
	<b>Oil Pump</b>	<b>M-63HP</b>	HI PRESSURE HI PRESSURE OIL PUMP				
		<b>M-63HV</b>	HI VOL PUMP (25% ADDL VOL OF OIL)				
	<b>Oil Pump Drive Shaft</b>	<b>12630</b>	PERFORMANCE TYPE INTERMEDIATE SHAFT. HIGH STRENGTH (150,000 PSI) CHROME MOLY STEEL. IMPROVED SHAFT RETAINER WHICH LOCKS ONTO THE OIL PUMP DRIVE SHAFT				
<b>9</b>	<b>6.1-W,3 (370) OHV ENG - 2005-07 - 8 Cyl. - 4.06 Bore</b>						
	<b>Mell Lube</b>	<b>M-10012</b>	ENGINE ASSEMBLY LUBRICANT				
	<b>Oil Pump</b>	<b>10342</b>	STANDARD VOLUME. PROTECTIVE ANODIZED BODY. CAST IRON COVER WITH PHOSPHATE COATING. SCREW IN VALVE. CUP PLUG REPLACED WITH THREADED FITTING. USES 1-1/8" BOLT ON SCREEN. INCLUDES OPTIONAL PRESSURE SPRINGS.				

**PERFORMANCE - CHRYSLER PRODUCTS (Continued)**

Line No.	Part Title	Part No.	Description				
<b>10</b>	<b>6.3 (383) ENG - 1959-71 - V8 - 4.250 Bore</b>						
	<b>Torque Camshaft</b>	<b>MTD-2</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
			Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
	HYD. IMPROVES LOW-MID PERF. CHECK FOR COIL BIND. USE [VS-430] SPRING W/ INSTALLED HGT. OF 1.86. SINGLE BOLT CAM. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1200-4700.		204 214	278 288	.421 .443	107 117	112
	<b>Camshafts Using Hydraulic Flat Tappet Lifters</b>	<b>23204</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
			Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
	SINGLE BOLT CAM. CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5200.		214 224	288 298	.443 .452	107 117	112
	SINGLE BOLT CAM. CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2500-6000.	<b>23302</b>	236 236	302 302	.480 .480	108 108	108
	CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3000-6400.	<b>23321</b>	242 242	329 329	.476 .476	106 106	106
	SINGLE BOLT CAM. CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3200-6700.	<b>23401</b>	242 253	311 322	.521 .551	108 110	109
	<b>Torque Cam Lifter Kit</b>	<b>CL-MTD-2</b>	IMPROVES LOW-MID PERF. USE [VS-430]. SINGLE BOLT CAM. NOT CALIFORNIA COMPLIANT. KIT INCLUDES 1-[MTD-2] CAM, 16-[JB-976] LIFTERS & 4OZ MELL LUBE. CHECK FOR COIL BIND. USE [VS-430] SPRING W/INSTALLED HGT. OF 1.86				
	<b>Mechanical Flat Tappet Lifters</b>	<b>299374</b>					
	<b>Hydraulic Flat Tappet Lifters</b>	<b>299764</b>	1968-1971				
	<b>Valve Locks</b>	<b>471004</b>	INTAKE				
		<b>474004</b>	EXHAUST				
	<b>Valve Spring with Mechanical Lifters</b>	<b>466154</b>	OUTER - USE WITH STOCK CAMS - MACHINING MAY BE REQUIRED				
		<b>466164</b>	INNER - USE WITH STOCK CAMS - MACHINING MAY BE REQUIRED				
	<b>Valve Spring with Hydraulic Lifters</b>	<b>466224</b>	USE WITH [23302] & [23204] CAMS - NOTE: ASM HEIGHT OF 1.80- MACHINING MAY BE REQUIRED				
		<b>466434</b>	USE WITH [MTD-2] CAM - NOTE: ASM. HEIGHT OF 1.80- MACHINING MAY BE REQUIRED				
	<b>Valve Spring Retainers</b>	<b>475094</b>	CHROME MOLY - USE WITH [466154] & [466224] SPRINGS				
		<b>475144</b>	CHROME MOLY - USE WITH [466434] SPRINGS				
	<b>Valve Springs</b>	<b>VS-430</b>	USE W/ [MTD-2] CAMSHAFT (MACHINING MAY BE REQUIRED)				
	<i>Continued on Next Page</i>						



**PERFORMANCE - CHRYSLER PRODUCTS (Continued)**

Line No.	Part Title	Part No.	Description				
<b>10</b>	<b>6.3 (383) ENG - 1959-71 - V8 - 4.250 Bore</b>						
	<b>Chrome Moly Push Rods</b>	<b>500384</b>	1961-1971 LOW BLOCK ENGINE - USE WITH MECHANICAL LIFTERS MAX. SPRING PRESSURE 350 LBS.				
	<b>3pc Set</b>	<b>40203</b>	INCLUDES ROLLER CHAIN, CAST IRON SINGLE BOLT CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET				
		<b>40407</b>	INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET				
	<b>Oil Pump</b>	<b>M-63HP</b>	HI PRESSURE HI PRESSURE OIL PUMP				
		<b>M-63HV</b>	HI VOL PUMP (25% ADDL VOL OF OIL)				
	<b>Oil Pump Drive Shaft</b>	<b>12630</b>	PERFORMANCE TYPE INTERMEDIATE SHAFT. HIGH STRENGTH (150,000 PSI) CHROME MOLY STEEL. IMPROVED SHAFT RETAINER WHICH LOCKS ONTO THE OIL PUMP DRIVE SHAFT				
<b>11</b>	<b>6.6 (400) OHV ENG - 1975-78 - V8 - 4.34 Bore</b>						
	<b>Torque Camshaft</b>	<b>MTD-2</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
	HYD. SINGLE BOLT CAM. USE [466434]. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1200-4700.		Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
			204 214	278 288	.421 .443	107 117	112
	<b>Camshafts Using Hydraulic Flat Tappet Lifters</b>	<b>23204</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
	SINGLE BOLT CAM. CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5200.		Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
			214 224	288 298	.443 .452	107 117	112
	SINGLE BOLT CAM. CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2500-6000.	<b>23302</b>	236 236	302 302	.480 .480	108 108	108
	SINGLE BOLT CAM. CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3200-6700.	<b>23401</b>	242 253	311 322	.521 .551	108 110	109
	<b>Mechanical Flat Tappet Lifters</b>	<b>299374</b>					
	<b>Hydraulic Flat Tappet Lifters</b>	<b>299764</b>					
	<b>Valve Locks</b>	<b>471004</b>	INTAKE				
		<b>474004</b>	EXHAUST				
	<b>Valve Spring with Mechanical Lifters</b>	<b>466154</b>	OUTER - USE WITH STOCK CAMS - MACHINING MAY BE REQUIRED				
		<b>466164</b>	INNER - USE WITH STOCK CAMS - MACHINING MAY BE REQUIRED				
	<b>Valve Spring with Hydraulic Lifters</b>	<b>466224</b>	USE WITH [23302] & [23204] CAMS - NOTE: ASM. HEIGHT OF 1.80- MACHINING MAY BE REQUIRED				
		<b>466434</b>	USE WITH [MTD-2] CAM - NOTE: ASM. HEIGHT OF 1.80 (MACHINING MAY BE REQUIRED)				
	<b>Valve Spring Retainers</b>	<b>475094</b>	CHROME - USE WITH [466154] & [466224] SPRINGS				
		<b>475144</b>	CHROME - USE WITH [466434] SPRINGS				
	<i>Continued on Next Page</i>						

**PERFORMANCE - CHRYSLER PRODUCTS (Continued)**

Line No.	Part Title	Part No.	Description				
<b>11</b>	<b>6.6 (400) OHV ENG - 1975-78 - V8 - 4.34 Bore</b>						
	3pc Set	40203	INCLUDES ROLLER CHAIN, CAST IRON SINGLE BOLT CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET				
		40407	INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET				
	Oil Pump	M-63HP	HI PRESSURE HI PRESSURE OIL PUMP				
		M-63HV	HI VOL PUMP (25% ADDL VOL OF OIL)				
	Oil Pump Drive Shaft	12630	PERFORMANCE TYPE INTERMEDIATE SHAFT. HIGH STRENGTH (150,000 PSI) CHROME MOLY STEEL. IMPROVED SHAFT RETAINER WHICH LOCKS ONTO THE OIL PUMP DRIVE SHAFT				
<b>12</b>	<b>6.8 (413) ENG - 1959-65 - 8 Cyl. - 4.1876 Bore</b>						
	<b>Torque Camshaft</b>		Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
	HYD. SINGLE BOLT CAM. USE [466434]. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1200-4700.	<b>MTD-2</b>	Int. Exh. 204 214	Int. Exh. 278 288	Int. Exh. .421 .443	Int. Exh. 107 117	112
	<b>Camshafts Using Hydraulic Flat Tappet Lifters</b>		Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
	SINGLE BOLT CAM. CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5200.	<b>23204</b>	Int. Exh. 214 224	Int. Exh. 288 298	Int. Exh. .443 .452	Int. Exh. 107 117	112
	SINGLE BOLT CAM. CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2500-6000.	<b>23302</b>	236 236	302 302	.480 .480	108 108	108
	CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3000-6400.	<b>23321</b>	242 242	329 329	.476 .476	106 106	106
	SINGLE BOLT CAM. CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3200-6700.	<b>23401</b>	242 253	311 322	.521 .551	108 110	109
	<b>Mechanical Flat Tappet Lifters</b>	<b>299374</b>					
	<b>Valve Locks</b>	<b>471004</b>	INTAKE				
		<b>474004</b>	EXHAUST				
	<b>Valve Spring with Mechanical Lifters</b>	<b>466154</b>	OUTER - USE WITH STOCK CAMS - MACHINING MAY BE REQUIRED				
		<b>466164</b>	INNER - USE WITH STOCK CAMS - MACHINING MAY BE REQUIRED				
	<b>Valve Spring with Hydraulic Lifters</b>	<b>466224</b>	USE WITH [23302] & [23204] CAMS - NOTE: ASM. HEIGHT OF 1.80- MACHINING MAY BE REQUIRED				
		<b>466434</b>	USE WITH [MTD-2] CAM - NOTE: ASM. HEIGHT OF 1.80 (MACHINING MAY BE REQUIRED)				
	<b>Valve Spring Retainers</b>	<b>475094</b>	CHROME MOLY - USE WITH [466154] & [466224] SPRINGS				
	<i>Continued on Next Page</i>						

**PERFORMANCE - CHRYSLER PRODUCTS (Continued)**

Line No.	Part Title	Part No.	Description				
<b>12</b>	<b>6.8 (413) ENG - 1959-65 - 8 Cyl. - 4.1876 Bore</b>						
	<b>Valve Spring Retainers</b>	<b>475144</b>	CHROME MOLY - USE WITH [466434] SPRINGS				
	<b>3pc Set</b>	<b>40203</b>	INCLUDES ROLLER CHAIN, CAST IRON SINGLE BOLT CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET				
		<b>40407</b>	INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET				
	<b>Oil Pump</b>	<b>M-63HP</b>	HI PRESSURE HI PRESSURE OIL PUMP				
		<b>M-63HV</b>	HI VOL PUMP (25% ADDL VOL OF OIL)				
	<b>Oil Pump Drive Shaft</b>	<b>12630</b>	PERFORMANCE TYPE INTERMEDIATE SHAFT. HIGH STRENGTH (150,000 PSI) CHROME MOLY STEEL. IMPROVED SHAFT RETAINER WHICH LOCKS ONTO THE OIL PUMP DRIVE SHAFT				
<b>13</b>	<b>7.0 (426) WEDGE ENG - 1963-65 - 8 Cyl. - 4.25 Bore</b>						
	<b>Torque Camshaft</b>		Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
		<b>MTD-2</b>	Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
	HYD. SINGLE BOLT CAM. USE [466434]. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1200-4700.		204 214	278 288	.421 .443	107 117	112
	<b>Camshafts Using Hydraulic Flat Tappet Lifters</b>		Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
		<b>23204</b>	Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
	SINGLE BOLT CAM. CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5200.		214 224	288 298	.443 .452	107 117	112
	SINGLE BOLT CAM. CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2500-6000.	<b>23302</b>	236 236	302 302	.480 .480	108 108	108
	CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3000-6400.	<b>23321</b>	242 242	329 329	.476 .476	106 106	106
	SINGLE BOLT CAM. CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3200-6700.	<b>23401</b>	242 253	311 322	.521 .551	108 110	109
	<b>Mechanical Flat Tappet Lifters</b>	<b>299374</b>					
	<b>Valve Locks</b>	<b>471004</b>	INTAKE				
		<b>474004</b>	EXHAUST				
	<b>Valve Spring with Mechanical Lifters</b>	<b>466154</b>	OUTER- USE WITH STOCK CAMS- MACHINING MAY BE REQUIRED				
		<b>466164</b>	INNER- USE WITH STOCK CAMS- MACHINING MAY BE REQUIRED				
	<b>Valve Spring with Hydraulic Lifters</b>	<b>466224</b>	USE WITH [23302] & [23204] CAMS- NOTE: ASM. HEIGHT OF 1.80- MACHINING MAY BE REQUIRED				
		<b>466434</b>	USE WITH [MTD-2] CAM- NOTE: ASM. HEIGHT OF 1.80 (MACHINING MAY BE REQUIRED)				
	<i>Continued on Next Page</i>						

**PERFORMANCE - CHRYSLER PRODUCTS (Continued)**

Line No.	Part Title	Part No.	Description				
<b>13</b>	<b>7.0 (426) WEDGE ENG - 1963-65 - 8 Cyl. - 4.25 Bore</b>						
	Valve Spring Retainers	475094	CHROME MOLY - USE WITH [466154] & [466224] SPRINGS				
		475144	CHROME MOLY - USE WITH [466434] SPRINGS				
	Chrome Moly Push Rods	500194	1963-1963 USE W/MECH. LIFTERS MAX. SPRING PRESSURE 350 LBS.				
		500474	1964-1964 USE W/MECH. LIFTERS MAX. SPRING PRESSURE 350 LBS.				
	3pc Set	40203	INCLUDES ROLLER CHAIN, CAST IRON SINGLE BOLT CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET				
		40217	INCLUDES DOULBLE ROLLER CHAIN, STEEL 3 BOLT CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET				
		40407	INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET				
	Oil Pump	M-63HP	HI PRESSURE HI PRESSURE OIL PUMP				
		M-63HV	HI VOL PUMP (25% ADDL VOL OF OIL)				
	Oil Pump Drive Shaft	12630	PERFORMANCE TYPE INTERMEDIATE SHAFT. HIGH STRENGTH (150,000 PSI) CHROME MOLY STEEL. IMPROVED SHAFT RETAINER WHICH LOCKS ONTO THE OIL PUMP DRIVE SHAFT				
<b>14</b>	<b>7.0 (426) HEMI ENG - 1966-71 - 8 Cyl. - 4.250 Bore</b>						
	Valve Spring Retainers	475224					
	Chrome Moly Push Rods	500364	1970-1971 INTAKE MAX. SPRING PRESSURE 350 LBS.				
		500374	1970-1971 EXHAUST MAX. SPRING PRESSURE 350 LBS				
	3pc Set	40217	INCLUDES DOULBLE ROLLER CHAIN, STEEL 3 BOLT CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET				
	Oil Pump	M-63HP	HI PRESSURE HI PRESSURE OIL PUMP				
		M-63HV	HI VOL PUMP (25% ADDL VOL OF OIL)				
	Oil Pump Drive Shaft	12630	PERFORMANCE TYPE INTERMEDIATE SHAFT. HIGH STRENGTH (150,000 PSI) CHROME MOLY STEEL. IMPROVED SHAFT RETAINER WHICH LOCKS ONTO THE OIL PUMP DRIVE SHAFT				
<b>15</b>	<b>7.2 (440) OHV ENG - 1966-78 - V8 - 4.320 Bore</b>						
	Torque Camshaft		Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
			Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
	HYD. IMPROVES LOW-MID PERF. CHECK FOR COIL BIND. USE [466434] SPRING W/ INSTALLED HGT. OF 1.80. SINGLE BOLT CAM. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1200-4700.	MTD-2	204 214	278 288	.421 .443	107 117	112
	<i>Continued on Next Page</i>						

**PERFORMANCE - CHRYSLER PRODUCTS (Continued)**

<b>Line No.</b>	<b>Part Title</b>	<b>Part No.</b>	<b>Description</b>				
<b>15</b>	<b>7.2 (440) OHV ENG - 1966-78 - V8 - 4.320 Bore</b>						
	<b>Camshafts Using Hydraulic Flat Tappet Lifters</b>		Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
			Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
	SINGLE BOLT CAM. CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5200.	<b>23204</b>	214 224	288 298	.443 .452	107 117	112
	SINGLE BOLT CAM. CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2500-6000.	<b>23302</b>	236 236	302 302	.480 .480	108 108	108
	CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3000-6400.	<b>23321</b>	242 242	329 329	.476 .476	106 106	106
	SINGLE BOLT CAM. CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3200-6700.	<b>23401</b>	242 253	311 322	.521 .551	108 110	109
	<b>Mechanical Flat Tappet Lifters</b>	<b>299374</b>					
	<b>Hydraulic Flat Tappet Lifters</b>	<b>299764</b>	1968-1978				
	<b>Valve Locks</b>	<b>471004</b>	INT.				
		<b>474004</b>	EXH.				
	<b>Valve Spring with Mechanical Lifters</b>	<b>466154</b>	OUTER- USE WITH STOCK CAMS- MACHINING MAY BE REQUIRED				
		<b>466164</b>	INNER- USE WITH STOCK CAMS- MACHINING MAY BE REQUIRED				
	<b>Valve Spring with Hydraulic Lifters</b>	<b>466224</b>	USE WITH [23302] & [23204] CAMS- NOTE: ASM. HEIGHT OF 1.80- MACHINING MAY BE REQUIRED				
		<b>466434</b>	USE WITH [MTD-2] CAM- NOTE: ASM. HEIGHT OF 1.80 (MACHINING MAY BE REQUIRED)				
	<b>Valve Spring Retainers</b>	<b>475094</b>	CHROME MOLY- USE WITH [466154] & [466224] SPRINGS				
		<b>475144</b>	CHROME MOLY - USE WITH [466434] SPRINGS				
	<b>Chrome Moly Push Rods</b>	<b>500334</b>	1968-1978 440 ENG. USE W/HYD. LIFTERS- EXC. 440 RAISED WEDGE ENG MAX. SPRING PRESSURE 350 LBS				
		<b>500354</b>	1968-1978 440 ENG. USE W/MECH. LIFTERS- EXC. 440 RAISED WEDGE ENG MAX. SPRING PRESSURE 350 LBS				
		<b>500474</b>	1968-1978 USE WITH MECHANICAL LIFTERS - W/440 RAISED WEDGE ENGINE MAX. SPRING PRESSURE 350 LBS.				
		<b>500544</b>	1968-1978 440 ENG. USE W/HYD. LIFTERS- W/440 RAISED WEDGE ENG MAX. SPRING PRESSURE 350 LBS.				
	<b>3pc Set</b>	<b>40203</b>	SINGLE BOLT CAM INCLUDES ROLLER CHAIN, CAST IRON SINGLE BOLT CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET				
		<b>40217</b>	440 ENG. ONLY- 3 BOLT CAM INCLUDES DOUBBLE ROLLER CHAIN, STEEL 3 BOLT CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET				
		<b>40407</b>	SINGLE BOLT CAM INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET				
	<b>Oil Pump</b>	<b>M-63HP</b>	HI PRESSURE HI PRESSURE OIL PUMP				
	<i>Continued on Next Page</i>						

**PERFORMANCE - CHRYSLER PRODUCTS (Continued)**

Line No.	Part Title	Part No.	Description
<b>15</b>	<b>7.2 (440) OHV ENG - 1966-78 - V8 - 4.320 Bore</b>		
	Oil Pump	M-63HV	HI VOL PUMP (25% ADDL VOL OF OIL)
	Oil Pump Drive Shaft	12630	PERFORMANCE TYPE INTERMEDIATE SHAFT. HIGH STRENGTH (150,000 PSI) CHROME MOLY STEEL. IMPROVED SHAFT RETAINER WHICH LOCKS ONTO THE OIL PUMP DRIVE SHAFT

**PERFORMANCE - FORD PRODUCTS & TRUCKS**

Line No.	Part Title	Part No.	Description					
<b>1</b>	<b>255 ENG - 1980-82 - 8 Cyl. - 3.680 Bore</b>							
	Mell Lube	M-10012	ENGINE ASSEMBLY LUBRICANT					
	3pc Set	48551T-9	RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD, CLAIMER ENGINES INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4!/-4! CAM ADJUSTMENT. PRESS FIT ROLLER THRUST BEARINGS.					
<b>2</b>	<b>260 ENG - 1962-65 - 8 Cyl. - 3.800 Bore</b>							
	<b>Torque Camshaft</b>	<b>MTF-1</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation	
	HYD. EXCLUDES ROLLER LIFTERS. USE [VS-270] [466124] [466134] [466444] VALVE SPRINGS. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1000-4500.		Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.		
			204 214	280 289	.449 .473	108 116	112	
	<b>Camshafts Using Hydraulic Flat Tappet Lifters</b>	<b>24108</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation	
	EXCLUDES ROLLER LIFTERS. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1000-4500.		Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.		
			190 202	258 271	0.412 0.437	106 114	110	
	CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5200.		<b>24203</b>	214 224	288 300	.473 .497	108 116	112
	CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2200-5700.		<b>24210</b>	224 234	300 306	.497 .520	107 117	112
	CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5200.		<b>24212</b>	218 218	297 297	.458 .457	106 120	113
	CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2500-6000.		<b>24301</b>	231 231	288 288	.512 .512	106 114	110
	<i>Continued on Next Page</i>							

**PERFORMANCE - FORD PRODUCTS & TRUCKS (Continued)**

<b>Line No.</b>	<b>Part Title</b>	<b>Part No.</b>	<b>Description</b>				
<b>2</b>	<b>260 ENG - 1962-65 - 8 Cyl. - 3.800 Bore</b>						
	<b>Camshafts Using Hydraulic Flat Tappet Lifters</b>  CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2200-5400.	<b>24305</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
Int. Exh.			Int. Exh.	Int. Exh.	Int. Exh.		
227 234			298 302	.520 .520	107 117	112	
	<b>Camshafts Using Hydraulic Retro-fit Roller Lifters</b>  FOR USE WITH RETRO-FIT ROLLER LIFTER [F1900RF16] CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1200-4600	<b>24110</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
Int. Exh.			Int. Exh.	Int. Exh.	Int. Exh.		
210 211			298 282	.444 .444	116 115	115	
	FOR USE WITH RETRO-FIT ROLLER LIFTER [F1900RF16] CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5300	<b>24214</b>	219 219	285 285	.498 .498	110 110	110
	<b>Mell Lube</b>	<b>M-10012</b>	ENGINE ASSEMBLY LUBRICANT				
	<b>Torque Cam Lifter Kit</b>	<b>CL-MTF-1</b>	CLASS I NOT COMPUTER COMPATIBLE. EXCLUDES ROLLER LIFTERS. NOT CALIFORNIA COMPLIANT. KIT INCLUDES 1-[MTF-1] CAM, 16-[JB-900] LIFTERS & 4OZ MELL LUBE. CHECK FOR COIL BIND. USE [VS-270] SPRING W/INSTALLED HGT. OF 1.78				
	<b>Hydraulic Flat Tappet Lifters</b>	<b>299004</b>	EXC. ROLLER USE FACTORY SETTING				
		<b>299014</b>	EXC. ROLLER. ANTI-PUMP UP; SET AT ZERO LASH; MUST BE USED W/ ADJUSTABLE VALVE TRAIN				
	<b>Hydraulic Roller Lifters</b>	<b>JB-2205</b>	STOCK REPLACEMENT STYLE				
	<b>Hydraulic Retro-fit Roller Lifters</b>	<b>F1900RF16</b>	RETRO-FIT LIFTER FOR USE W/ RETRO-FIT ROLLER CAMSHAFTS [24110], [24214]				
	<b>Valve Locks</b>	<b>472004</b>					
	<b>Valve Spring with Mechanical Lifters</b>	<b>466274</b>	INNER - USE WITH [24409] CAM. MACHINING MAY BE REQUIRED 1.080 O.D.				
	<b>Valve Spring with Hydraulic Lifters</b>	<b>VS-270</b>	USE W/ [MTF-1] CAMSHAFT. INSTALLED HGT OF 1.78. STOCK REPLACEMENT TYPE VALVE SPRING. MACHINING MAY BE REQUIRED				
		<b>466124</b>	INNER - USE WITH [24210], [24212], [24301], [24203], [MTF-1] CAMS. NOTE: ASM. HEIGHT OF 1.80. PERFORMANCE STYLE VALVE SPRING. MACHINING MAY BE REQUIRED				
		<b>466134</b>	OUTER - USE WITH [24210], [24212], [24301], [24203], [MTF-1] CAMS. NOTE: ASM. HEIGHT OF 1.80. PERFORMANCE STYLE VALVE SPRING. MACHINING MAY BE REQUIRED				
		<b>466444</b>	USE WITH [24210], [24212], [24301], [24203], [MTF-1], [MTF-5] CAMS. NOTE: ASM. HEIGHT OF 1.80. PERFORMANCE STYLE VALVE SPRING. MACHINING MAY BE REQUIRED				
	<b>Valve Spring Retainers</b>	<b>475054</b>	CHROME MOLY - USE WITH [466134] SPRINGS				
	<i>Continued on Next Page</i>						

**PERFORMANCE - FORD PRODUCTS & TRUCKS (Continued)**

Line No.	Part Title	Part No.	Description
<b>2</b>	<b>260 ENG - 1962-65 - 8 Cyl. - 3.800 Bore</b>		
	Valve Spring Retainers	475074	CHROME MOLY - USE WITH [466114] SPRINGS
	Chrome Moly Push Rods	500404	HEAT TREATED MAX. SPRING PRESSURE 350 LBS. .
		500584	MAX. SPRING PRESSURE 350 LBS.
	Guide Plates	MGP1084	FLAT-5/16" THICK- MUST BE USED WITH SCREW-IN ROCKER ARM STUDS
		MGP1094	FLAT-3/8" THICK- MUST BE USED WITH SCREW-IN ROCKER ARM STUDS
	3pc Set	40206	INCLUDES ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET
		40402	NOT FOR USE WITH ROLLER CAMS INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET. MUST USE MF126 (3.356") THRUST PLATE WITH THIS SET. DO NOT USE TWO PIECE FUEL PUMP ECCENTRIC WITH [40402] SET. IF ENGINE HAS TWO PIECE ECCENTRIC DISCARD & USE ONE PIECE ECCENTRIC FORD PT # C3AZ6287B.
	Oil Pump	M-68HV	HI VOL PUMP (25% ADDL VOL OF OIL) MAY REQUIRE OIL PAN MODIFICATION.
		10687	STANDARD VOLUME. HEAVY DUTY SHAFT SUPPORT. PROTECTIVE COATING. SCREW IN VALVE. INCLUDES I/ S SHAFT. USES 5/8" BOLT ON SCREEN.
		10688	HI VOLUME 25%. HEAVY DUTY SHAFT SUPPORT. PROTECTIVE COATING. SCREW IN VALVE. INCLUDES I/ S SHAFT. USES 5/8" BOLT ON SCREEN. MAY REQUIRE MINOR OIL PAN MODIFICATION.
	Oil Pump Drive Shaft	12680	PERFORMANCE TYPE INTERMEDIATE SHAFT. HIGH STRENGTH (150,000 PSI) CHROME MOLY STEEL. IMPROVED SHAFT RETAINER WHICH LOCKS ONTO THE OIL PUMP DRIVE SHAFT
<b>3</b>	<b>4.6-R,V,Y (281) DOHC ENG - 1996-04 - V8 - 3.550 Bore</b>		
	Mell Lube	M-10012	ENGINE ASSEMBLY LUBRICANT
	Oil Pump	10227	STANDARD VOLUME. PROTECTIVE ANODIZED BODY. MAG PHOSPHATE COATED COVER. 130,000 TSI TENSILE STRENGTH BILLET STEEL ROTORS. SCREW IN VALVE. USES 335S SCREEN
	Oil Pump Screen	335S	
<b>4</b>	<b>4.6-X (281) SOHC ENG - 1996-04 - V8 - 3.550 Bore</b>		
	Mell Lube	M-10012	ENGINE ASSEMBLY LUBRICANT
	Oil Pump	10176	STANDARD VOLUME. PROTECTIVE ANODIZED BODY. MAG PHOSPHATE COATED COVER. 130,000 TSI TENSILE STRENGTH BILLET STEEL ROTORS. SCREW IN VALVE. USES 13/16" DIAMETER SCREEN.
		10227	HIGH VOLUME 8%. PROTECTIVE ANODIZED BODY. MAG PHOSPHATE COATED COVER. 130,000 TSI TENSILE STRENGTH BILLET STEEL ROTORS. SCREW IN VALVE. USES 335S SCREEN
	Oil Pump Screen	335S	
<b>5</b>	<b>4.6-H,8 (281) SOHC ENG - 2006-09 - V8 - 3.55 Bore</b>		
	Mell Lube	M-10012	ENGINE ASSEMBLY LUBRICANT
	<i>Continued on Next Page</i>		



**PERFORMANCE - FORD PRODUCTS & TRUCKS (Continued)**

Line No.	Part Title	Part No.	Description				
<b>5</b>	<b>4.6-H,8 (281) SOHC ENG - 2006-09 - V8 - 3.55 Bore</b>						
	Oil Pump	10340	HI PRESSURE. PROTECTIVE ANODIZED COATED BODY. CAST ALUMINUM COVER WITH PHOSTPHATE COATING. USES 15/16" BOLT ON SCREEN.				
<b>6</b>	<b>289 ENG - 1963-68 - 8 Cyl. - 4.000 Bore</b>						
	<b>Torque Camshaft</b>  HYD. EXCLUDES ROLLER LIFTERS. USE [VS-270] [466124] [466134] [466444] VALVE SPRINGS. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1000-4500.	<b>MTF-1</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
			Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
			204 214	280 289	.449 .473	108 116	112
	<b>Camshafts Using Hydraulic Flat Tappet Lifters</b>  EXCLUDES ROLLER LIFTERS. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1000-4500.	<b>24108</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
			Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
			190 202	258 271	0.412 0.437	106 114	110
	CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5200.	<b>24203</b>	214 224	288 300	.473 .497	108 116	112
	CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2200-5700.	<b>24210</b>	224 234	300 306	.497 .520	107 117	112
	CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5200.	<b>24212</b>	218 218	297 297	.458 .457	106 120	113
	CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2500-6000.	<b>24301</b>	231 231	288 288	.512 .512	106 114	110
	CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2200-5400.	<b>24305</b>	227 234	298 302	.520 .520	107 117	112
	<b>Camshafts Using Hydraulic Retro-fit Roller Lifters</b>  FOR USE WITH RETRO-FIT ROLLER LIFTER [F1900RF16] CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1200-4600	<b>24110</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
			Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
			210 211	298 282	.444 .444	116 115	115
	<i>Continued on Next Page</i>						

**PERFORMANCE - FORD PRODUCTS & TRUCKS (Continued)**

Line No.	Part Title	Part No.	Description				
<b>6</b>	<b>289 ENG - 1963-68 - 8 Cyl. - 4.000 Bore</b>						
	<b>Camshafts Using Hydraulic Retro-fit Roller Lifters</b>  FOR USE WITH RETRO-FIT ROLLER LIFTER [F1900RF16] CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5300	<b>24214</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
Int. Exh.			Int. Exh.	Int. Exh.	Int. Exh.		
219 219			285 285	.498 .498	110 110	110	
<b>Mell Lube</b>	<b>M-10012</b>	ENGINE ASSEMBLY LUBRICANT					
<b>Torque Cam Lifter Kit</b>	<b>CL-MTF-1</b>	CLASS I NOT COMPUTER COMPATIBLE. EXCLUDES ROLLER LIFTERS. NOT CALIFORNIA COMPLIANT. KIT INCLUDES 1-[MTF-1] CAM, 16-[JB-900] LIFTERS & 4OZ MELL LUBE. CHECK FOR COIL BIND. USE [VS-270] SPRING W/INSTALLED HGT. OF 1.78					
<b>Hydraulic Flat Tappet Lifters</b>	<b>299004</b>	EXC. ROLLER USE FACTORY SETTING					
	<b>299014</b>	EXC. ROLLER. ANTI-PUMP UP; SET AT ZERO LASH; MUST BE USED W/ ADJUSTABLE VALVE TRAIN					
<b>Hydraulic Roller Lifters</b>	<b>JB-2205</b>	STOCK REPLACEMENT STYLE					
<b>Hydraulic Retro-fit Roller Lifters</b>	<b>F1900RF16</b>	RETRO-FIT LIFTER FOR USE W/ RETRO-FIT ROLLER CAMSHAFTS [24110], [24214]					
<b>Valve Locks</b>	<b>472004</b>						
<b>Valve Spring with Mechanical Lifters</b>	<b>466274</b>	INNER - USE WITH [24409] CAM. PERFORMANCE TYPE VALVE SPRING. MACHINING MAY BE REQUIRED 1.080 O.D.					
<b>Valve Spring with Hydraulic Lifters</b>	<b>VS-270</b>	USE W/ [MTF-1] CAMSHAFT. INSTALLED HGT OF 1.78. STOCK REPLACEMENT TYPE VALVE SPRING. MACHINING MAY BE REQUIRED					
	<b>466124</b>	INNER - USE WITH [24210], [24212], [24301], [24203], [MTF-1] CAMS. NOTE: ASM. HEIGHT OF 1.80. PERFORMANCE TYPE VALVE SPRING. MACHINING MAY BE REQUIRED					
	<b>466134</b>	OUTER - USE WITH [24210], [24212], [24301], [24203], [MTF-1] CAMS. NOTE: ASM. HEIGHT OF 1.80. PERFORMANCE TYPE VALVE SPRING. MACHINING MAY BE REQUIRED					
	<b>466444</b>	USE WITH [24210], [24212], [24301], [24203], [MTF-1], [MTF-5] CAMS. NOTE: ASM. HEIGHT OF 1.80. PERFORMANCE TYPE VALVE SPRING. MACHINING MAY BE REQUIRED					
<b>Valve Spring Retainers</b>	<b>475054</b>	CHROME MOLY - USE WITH [466134] SPRINGS					
	<b>475074</b>	CHROME MOLY - USE WITH [466114] SPRINGS					
<b>Chrome Moly Push Rods</b>	<b>500584</b>	MAX. SPRING PRESSURE 350 LBS.					
<b>Guide Plates</b>	<b>MGP1084</b>	FLAT-5/16" THICK- MUST BE USED WITH SCREW-IN ROCKER ARM STUDS					
	<b>MGP1094</b>	FLAT-3/8" THICK- MUST BE USED WITH SCREW-IN ROCKER ARM STUDS					
	<i>Continued on Next Page</i>						

**PERFORMANCE - FORD PRODUCTS & TRUCKS (Continued)**

Line No.	Part Title	Part No.	Description				
<b>6</b>	<b>289 ENG - 1963-68 - 8 Cyl. - 4.000 Bore</b>						
	<b>Gear Drive Set</b>	<b>48420</b>	LATE 1965 CAR APPLICATIONS USE 1/4" THRUST PLATE. TRUCK APPLICATIONS: SPACER CAST INTO HUB. OLDER ENGINES DISCARD SEPERATE CAMSHAFT SPACER. INCLUDES 8620 CARBURIZED STEEL GEARS, ROLLER CAM BUTTON, LOCK PLATE AND BOLTS, TIMING ADJUSTED WITH 5 OPTIONAL COLOER CODED DOWEL PIN HOLE INSERTS.				
	<b>3pc Set</b>	<b>48520T-9</b>	LATE 1965 USE 1/4" THRUST PLATE INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4/;-4! CAM ADJUSTMENT. PRESS FIT ROLLER THRUST BEARINGS.				
		<b>48520W-9</b>	LATE 1965 USE 1/4" THRUST PLATE INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4/;-4! CAM ADJUSTMENT. BRONZE WASHER				
		<b>40206</b>	INCLUDES ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET				
		<b>40402</b>	INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET. MUST USE MF126 (3.356") THRUST PLATE WITH THIS SET. DO NOT USE TWO PIECE FUEL PUMP ECCENTRIC WITH [40402] SET. IF ENGINE HAS TWO PIECE ECCENTRIC DISCARD & USE ONE PIECE ECCENTRIC FORD PT # C3AZ6287B.				
	<b>Oil Pump</b>	<b>M-68HV</b>	HI VOL PUMP (25% ADDL VOL OF OIL) MAY REQUIRE OIL PAN MODIFICATION.				
		<b>10687</b>	STANDARD VOLUME. HEAVY DUTY SHAFT SUPPORT. PROTECTIVE COATING. SCREW IN VALVE. INCLUDES I/ S SHAFT. USES 5/8" BOLT ON SCREEN.				
		<b>10688</b>	HI VOLUME 25%. HEAVY DUTY SHAFT SUPPORT. PROTECTIVE COATING. SCREW IN VALVE. INCLUDES I/ S SHAFT. USES 5/8" BOLT ON SCREEN. MAY REQUIRE MINOR OIL PAN MODIFICATION.				
	<b>Oil Pump Drive Shaft</b>	<b>12680</b>	PERFORMANCE TYPE INTERMEDIATE SHAFT. HIGH STRENGTH (150,000 PSI) CHROME MOLY STEEL. IMPROVED SHAFT RETAINER WHICH LOCKS ONTO THE OIL PUMP DRIVE SHAFT				
<b>7</b>	<b>302 ENG - 1968-2001 - 8 Cyl. - 4.000 Bore</b>						
	<b>Torque Camshaft</b>	<b>MTF-5</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
	1968-1985 HYD. FOR 302 H/O ENGINE. USE LIFTER [466444]. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1000-4500.		Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
			204 214	280 290	.449 .473	107 117	112
	<i>Continued on Next Page</i>						

**PERFORMANCE - FORD PRODUCTS & TRUCKS (Continued)**

Line No.	Part Title	Part No.	Description				
<b>7</b>	<b>302 ENG - 1968-2001 - 8 Cyl. - 4.000 Bore</b>						
	<b>Camshafts Using Hydraulic Flat Tappet Lifters</b>  1968-1985 EXCLUDES 302 H/O ENGINE AND ROLLER LIFTERS. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1000-4500.	<b>24108</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
			Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
			190 202	258 271	0.412 0.437	106 114	110
	1968-1985 WHEN INSTALLING IN THE 302 H/O USE FIRING ORDER (15426378). CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5200.	<b>24203</b>	214 224	288 300	.473 .497	108 116	112
	1968-1985 WHEN INSTALLING IN THE 302 H/O USE FIRING ORDER (15426378). CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5200.	<b>24212</b>	218 218	297 297	.458 .457	106 120	113
	1968-1985 WHEN INSTALLING IN THE 302 H/O USE FIRING ORDER (15426378). CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2500-6000.	<b>24301</b>	231 231	288 288	.512 .512	106 114	110
	1968-1995 CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2200-5400.	<b>24305</b>	227 234	298 302	.520 .520	107 117	112
	<b>Camshafts Using Hydraulic Roller Lifters</b>  1985-1995 FOR H/O ENGINES ORIGINALLY EQUIPPED WITH ROLLER CAMS. USE FIRING ORDER (13726548). CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2300-58000.	<b>24227</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
			Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
			222 232	300 309	.509 .532	107 117	112
	1968-1994 FOR H/O ENGINES ORIGINALLY EQUIPPED WITH ROLLER CAMS. CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2000-5000.	<b>24280</b>	220 223	286 292	.512 .512	109 115	112
	<i>Continued on Next Page</i>						

**PERFORMANCE - FORD PRODUCTS & TRUCKS (Continued)**

Line No.	Part Title	Part No.	Description				
<b>7</b>	<b>302 ENG - 1968-2001 - 8 Cyl. - 4.000 Bore</b>						
	<b>Camshafts Using Hydraulic Retro-fit Roller Lifters</b>	<b>24110</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
			Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
	FOR USE WITH RETRO-FIT ROLLER LIFTER [F1900RF16] CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1200-4600		210 211	298 282	.444 .444	116 115	115
	FOR USE WITH RETRO-FIT ROLLER LIFTER [F1900RF16] CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5300	<b>24214</b>	219 219	285 285	.498 .498	110 110	110
	1985-1995 FOR H/O ENGINES ORIGINALLY EQUIPPED WITH ROLLER CAMS. USE RETRO-FIT ROLLER LIFTER [F1900RF16]; USE FIRING ORDER 13726548. CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1200-5000	<b>24226</b>	212 222	289 300	.491 .509	107 117	112
	<b>Mell Lube</b>	<b>M-10012</b>	ENGINE ASSEMBLY LUBRICANT				
	<b>Torque Cam Lifter Kit</b>	<b>CL-MTF-5</b>	1982-1985 CLASS I NOT COMPUTER COMPATIBLE. FOR 302 H/O ENGINE. EXC. ROLLER LIFTERS. USE [466444]. NOT CALIFORNIA COMPLIANT. KIT INCLUDES 1-[MTF-5] CAM, 16-[JB-900] LIFTERS & 4OZ MELL LUBE. CHECK FOR COIL BIND. USE [VS-280] SPRING W/INSTALLED HGT. OF 1.82 W/[47505] RETAINERS, OR USE INTAKE SPRINGS W/STOCK FORD INTAKE RETAINERS IN PLACE OF STOCK EXHAUST SPRINGS AND ROTATING RET				
	<b>Hydraulic Flat Tappet Lifters</b>	<b>299004</b>	1968-1992 EXC. ROLLER USE FACTORY SETTING				
		<b>299014</b>	1968-1992 EXC. ROLLER. ANTI-PUMP UP; SET AT ZERO LASH; MUST BE USED W/ ADJUSTABLE VALVE TRAIN				
	<b>Hydraulic Roller Lifters</b>	<b>JB-2205</b>	STOCK REPLACEMENT TYPE				
	<b>Hydraulic Retro-fit Roller Lifters</b>	<b>F1900RF16</b>	RETRO-FIT LIFTER FOR USE W/ RETRO-FIT ROLLER CAMSHAFTS [24110], [24214], [24226]; REQUIRES HEAD REMOVAL TO INSTALL LIFTERS				
	<b>Valve Locks</b>	<b>472004</b>					
	<b>Valve Spring with Mechanical Lifters</b>	<b>466274</b>	INNER - USE WITH [24409] CAM. MACHINING MAY BE REQUIRED 1.080 O.D.				
	<b>Valve Spring with Hydraulic Lifters</b>	<b>466124</b>	INNER - USE WITH [24210], [24212], [24301], [24203], [MTF-1] CAMS. NOTE: ASM. HEIGHT OF 1.80. MACHINING MAY BE REQUIRED				
		<b>466134</b>	OUTER - USE WITH [24210], [24212], [24301], [24203], [MTF-1] CAMS. NOTE: ASM. HEIGHT OF 1.80. MACHINING MAY BE REQUIRED				
		<b>466444</b>	USE WITH [24210], [24212], [24301], [24203], [MTF-1], [MTF-5] CAMS. NOTE: ASM. HEIGHT OF 1.80. MACHINING MAY BE REQUIRED				
	<i>Continued on Next Page</i>						

**PERFORMANCE - FORD PRODUCTS & TRUCKS (Continued)**

Line No.	Part Title	Part No.	Description
<b>7</b>	<b>302 ENG - 1968-2001 - 8 Cyl. - 4.000 Bore</b>		
	<b>Valve Spring Retainers</b>	<b>475054</b>	CHROME MOLY - USE WITH [466134] SPRINGS
		<b>475074</b>	CHROME MOLY - USE WITH [466114] SPRINGS
	<b>Chrome Moly Push Rods</b>	<b>500414</b>	1969-1970 HEAT TREATED. 302 BOSS MAX. SPRING PRESSURE 350 LBS.
		<b>500444</b>	1971-1972 HEAT TREATED. 302 BOSS MAX. SPRING PRESSURE 350 LBS.
		<b>500584</b>	1968-1969 TO CHANGE L4 MAX. SPRING PRESSURE 350 LBS.
	<b>Guide Plates</b>	<b>MGP1084</b>	FLAT-5/16" THICK- MUST BE USED WITH SCREW-IN ROCKER ARM STUDS
		<b>MGP1094</b>	FLAT-3/8" THICK- MUST BE USED WITH SCREW-IN ROCKER ARM STUDS
	<b>Gear Drive Set</b>	<b>48420</b>	1968-1995 RECOMMENDED FOR STREET AND STRIP, CLAIMER AND RACING ENGINES UP TO 6,500 RPM. 89-94 W/ROLLER CHAIN, 94-95 W/SILENT CHAIN. 68-72 USE STAND. 1/4" THRUST PLATE. SPACER CAST INTO SPROCKET HUB, OLDER ENGINES DISCARD SEPERATE CAM SPACER. CAR APPLICATIONS ONLY. INCLUDES 8620 CARBURIZED STEEL GEARS, ROLLER CAM BUTTON, LOCK PLATE AND BOLTS, TIMING ADJUSTED WITH 5 OPTIONAL COLOER CODED DOWEL PIN HOLE INSERTS.
		<b>48420</b>	1969-1972 RECOMMENDED FOR STREET AND STRIP, CLAIMER AND RACING ENGINES UP TO 6,500 RPM. SPACER CAST INTO SPROCKET HUB, OLDER ENGINES DISCARD SEPERATE CAMSHAFT SPACER. TRUCK APPLICATIONS ONLY. INCLUDES 8620 CARBURIZED STEEL GEARS, ROLLER CAM BUTTON, LOCK PLATE AND BOLTS, TIMING ADJUSTED WITH 5 OPTIONAL COLOER CODED DOWEL PIN HOLE INSERTS.
	<b>3pc Set</b>	<b>48520T-9</b>	1968-1972 CAR AND TRUCK APPLICATIONS. CAR APPLICATIONS USE 1/4" THRUST PLATE. INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4/-4! CAM ADJUSTMENT. PRESS FIT ROLLER THRUST BEARINGS.
		<b>48520W-9</b>	1968-1972 CAR AND TRUCK APPLICATIONS. CAR APPLICATIONS USE 1/4" THRUST PLATE. INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4/-4! CAM ADJUSTMENT. BRONZE WASHER
		<b>48551T-9</b>	1972-2001 RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD, CLAIMER ENGINES. 1989-90 WITH ROLLER TYPE CHAIN, 1994-01 WITH SILENT TYPE CHAIN. SPACER CAST INTO SPROCKET HUB OLDER ENGINES DISCARD SEPERATE CAMSHAFT SPACER. TRUCK APPLICATIONS ONLY. INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4/-4! CAM ADJUSTMENT. PRESS FIT ROLLER THRUST BEARINGS.
	<i>Continued on Next Page</i>		

**PERFORMANCE - FORD PRODUCTS & TRUCKS (Continued)**

Line No.	Part Title	Part No.	Description				
<b>7</b>	<b>302 ENG - 1968-2001 - 8 Cyl. - 4.000 Bore</b>						
	<b>3pc Set</b>	<b>48551T-9</b>	1972-1995 RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD, CLAIMER ENGINES. 1989-94 WITH ROLLER TYPE CHAIN, 1994-95 WITH SILENT TYPE CHAIN. 80-88 H/O CAR APPLICATIONS ONLY. SPACER CAST INTO SPROCKET HUB. OLDER ENGINES DISCARD SEPERATE CAMSHAFT SPACER. INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4!/-4! CAM ADJUSTMENT. PRESS FIT ROLLER THRUST BEARINGS.				
		<b>40206</b>	1968-1994 CAR AND TRUCK APPLICATIONS INCLUDES ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET				
		<b>40402</b>	YOU MUST USE [MF126] (3.356"L) THRUST PLATE RATHER THAN [MF125] OR STOCK (3.882"L) PLATE. NOT FOR ROLLER CAMS INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET. MUST USE MF126 (3.356") THRUST PLATE WITH THIS SET. DO NOT USE TWO PIECE FUEL PUMP ECCENTRIC WITH [40402] SET. IF ENGINE HAS TWO PIECE ECCENTRIC DISCARD & USE ONE PIECE ECCENTRIC FORD PT # C3AZ6287B.				
	<b>Oil Pump</b>	<b>M-68HV</b>	HI VOL PUMP (25% ADDL VOL OF OIL) MAY REQUIRE OIL PAN MODIFICATION.				
		<b>10687</b>	STANDARD VOLUME. HEAVY DUTY SHAFT SUPPORT. PROTECTIVE COATING. SCREW IN VALVE. INCLUDES I/ S SHAFT. USES 5/8" BOLT ON SCREEN.				
		<b>10688</b>	HI VOLUME 25%. HEAVY DUTY SHAFT SUPPORT. PROTECTIVE COATING. SCREW IN VALVE. INCLUDES I/ S SHAFT. USES 5/8" BOLT ON SCREEN. MAY REQUIRE MINOR OIL PAN MODIFICATION.				
	<b>Oil Pump Drive Shaft</b>	<b>12680</b>	PERFORMANCE TYPE INTERMEDIATE SHAFT. HIGH STRENGTH (150,000 PSI) CHROME MOLY STEEL. IMPROVED SHAFT RETAINER WHICH LOCKS ONTO THE OIL PUMP DRIVE SHAFT				
<b>8</b>	<b>5.4-5,V (330) SOHC ENG - 2004-08 - 8 Cyl - 3.55 Bore</b>						
	<b>Mell Lube</b>	<b>M-10012</b>	ENGINE ASSEMBLY LUBRICANT				
	<b>Oil Pump</b>	<b>10340</b>	HI PRESSURE. PROTECTIVE ANODIZED COATED BODY. CAST ALUMINUM COVER WITH PHOSTPHATE COATING. USES 15/16" BOLT ON SCREEN.				
<b>9</b>	<b>351W ENG - 1969-97 - 8 Cyl. - 4.000 Bore</b>						
	<b>Torque Camshaft</b>	<b>MTF-5</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
	1969-1991 CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1000-4500.		Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
			204 214	280 290	.449 .473	107 117	112
	<i>Continued on Next Page</i>						

**PERFORMANCE - FORD PRODUCTS & TRUCKS (Continued)**

Line No.	Part Title	Part No.	Description				
<b>9</b>	<b>351W ENG - 1969-97 - 8 Cyl. - 4.000 Bore</b>						
	<b>Camshafts Using Hydraulic Flat Tappet Lifters</b>  USE 302 FIRING ORDER-15426378. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1000-4500.	<b>24108</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
			Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
			190 202	258 271	0.412 0.437	106 114	110
	CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2200-5400.	<b>24211</b>	224 234	300 306	.497 .520	107 117	112
	CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5200.	<b>24225</b>	219 219	308 308	.467 .467	107 119	113
	USE 302 FIRING ORDER 15426378. CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2200-5400.	<b>24305</b>	227 234	298 302	.520 .520	107 117	112
	<b>Hydraulic Flat Tappet Lifters</b>	<b>299004</b>	USE FACTORY SETTING				
		<b>299014</b>	ANTI-PUMP UP; SET AT ZERO LASH; MUST BE USED W/ ADJUSTABLE VALVE TRAIN				
	<b>Hydraulic Roller Lifters</b>	<b>JB-2205</b>	STOCK REPLACEMENT TYPE				
	<b>Hydraulic Retro-fit Roller Lifters</b>	<b>F1900RF16</b>	RETRO-FIT LIFTER FOR USE W/ RETRO-FIT ROLLER CAMSHAFT				
	<b>Valve Locks</b>	<b>476104</b>	HARDENED				
	<b>Valve Spring with Hydraulic Lifters</b>	<b>466174</b>	USE WITH [24225] & [MTF-5] CAMS- MACHINING MAY BE REQUIRED				
	<b>Valve Spring Retainers</b>	<b>475054</b>	CHROME MOLY- USE WITH [466174] SPRINGS				
	<b>Chrome Moly Push Rods</b>	<b>500394</b>	1969-1978 USE WITH CAST IRON ROCKER ARMS- HEAT TREATED MAX. SPRING PRESSURE 350 LBS.				
		<b>500664</b>	1978-1994 USE W/STAMPED STEEL ROCKER ARMS- HEAT TREATED MAX. SPRING PRESSURE 350 LBS.				
	<b>Guide Plates</b>	<b>MGP1084</b>	FLAT-5/16" THICK- MUST BE USED WITH SCREW-IN ROCKER ARM STUDS				
		<b>MGP1094</b>	FLAT-3/8" THICK- MUST BE USED WITH SCREW-IN ROCKER ARM STUDS				
	<b>Gear Drive Set</b>	<b>48420</b>	1969-1989 RECOMMENDED FOR STREET AND STRIP, CLAIMER, RACING ENGINES UP TO 6,500 RPM. 1980-91 POLICE WITH ROLLER TYPE CHAIN. 1972 USE STANDARD 1/4" THRUST PLATE. SPACER CAST INTO HUB, OLDER ENGINES DISCARD SEPERATE CAMSHAFT SPACER. CAR APPLICATIONS ONLY. INCLUDES 8620 CARBURIZED STEEL GEARS, ROLLER CAM BUTTON, LOCK PLATE AND BOLTS, TIMING ADJUSTED WITH 5 OPTIONAL COLOER CODED DOWEL PIN HOLE INSERTS.				
	<i>Continued on Next Page</i>						



**PERFORMANCE - FORD PRODUCTS & TRUCKS (Continued)**

<b>Line No.</b>	<b>Part Title</b>	<b>Part No.</b>	<b>Description</b>
<b>9</b>	<b>351W ENG - 1969-97 - 8 Cyl. - 4.000 Bore</b>		
	<b>3pc Set</b>	<b>48520T-9</b>	1969-1972 EARLY 1972 USE STANDARD 1/4" THRUST PLATE. SPACER CAST INTO SPROCKET HUB, OLDER ENGINES DISCARD SEPERATE CAMSHAFT SPACER. RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD, CLAIMER ENGINES. CAR APPLICATIONS ONLY INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4!/-4! CAM ADJUSTMENT. PRESS FIT ROLLER THRUST BEARINGS.
		<b>48520W-9</b>	1969-1972 EARLY 1972 USE STANDARD 1/4" THRUST PLATE. SPACER CAST INTO SPROCKET HUB, OLDER ENGINES DISCARD SEPERATE CAMSHAFT SPACER. RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD, CLAIMER ENGINES. CAR APPLICATIONS ONLY INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4!/-4! CAM ADJUSTMENT. BRONZE WASHER
		<b>48551T-9</b>	1972-1989 RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD, CLAIMER ENGINES. 5.8-G 87-89, HO 87-89 POLICE WITH ROLLER TYPE CHAIN. CAR APPLICATIONS ONLY. INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4!/-4! CAM ADJUSTMENT. PRESS FIT ROLLER THRUST BEARINGS.
		<b>48551T-9</b>	1975-1997 RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD, CLAIMER ENGINES. (94-97 WITH SILENT TYPE CHAIN, 84-86 4BBL) TRUCK APPLICATIONS ONLY. INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4!/-4! CAM ADJUSTMENT. PRESS FIT ROLLER THRUST BEARINGS.
		<b>40206</b>	1969-1996 INCLUDES ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET
		<b>40402</b>	1969-1996 YOU MUST USE [MF126] (3.356"L) THRUST PLATE RATHER THAN [MF125] OR STOCK (3.882"L) PLATE. NOT FOR ROLLER CAMS INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET. MUST USE MF126 (3.356") THRUST PLATE WITH THIS SET. DO NOT USE TWO PIECE FUEL PUMP ECCENTRIC WITH [40402] SET. IF ENGINE HAS TWO PIECE ECCENTRIC DISCARD & USE ONE PIECE ECCENTRIC FORD PT # C3AZ6287B.
	<b>Oil Pump</b>	<b>M-83HV</b>	HI VOLUME PUMP (25% ADDL VOLUME OF OIL) STOCK RELIEF VALVE AND SHAFT DESIGN - MAY REQUIRE MINOR OIL PAN MODIFICATION.
	<i>Continued on Next Page</i>		

**PERFORMANCE - FORD PRODUCTS & TRUCKS (Continued)**

Line No.	Part Title	Part No.	Description				
<b>9</b>	<b>351W ENG - 1969-97 - 8 Cyl. - 4.000 Bore</b>						
	<b>Oil Pump</b>	<b>10832</b>	STANDARD VOLUME. HEAVY DUTY SHAFT SUPPORT. PERFORMANCE VALVE AND SHAFT DESIGN. RELIEF VALVE CUP PLUG REPLACED BY SCREW IN PLUG. INCLUDES I/S SHAFT. MAY REQUIRE MINOR OIL PAN MODIFICATION.				
		<b>10833</b>	HI VOLUME 25%. HEAVY DUTY SHAFT SUPPORT. PERFORMANCE VALVE AND SHAFT DESIGN. RELIEF VALVE CUP PLUG REPLACED BY SCREW IN PLUG. INCLUDES I/S SHAFT. MAY REQUIRE MINOR OIL PAN MODIFICATION.				
	<b>Oil Pump Drive Shaft</b>	<b>12830</b>	PERFORMANCE TYPE INTERMEDIATE SHAFT. HIGH STRENGTH (150,000 PSI) CHROME MOLY STEEL. IMPROVED SHAFT RETAINER WHICH LOCKS ONTO THE OIL PUMP DRIVE SHAFT				
<b>10</b>	<b>351C ENG - 1970-74 - 8 Cyl. - 4.000 Bore</b>						
	<b>Torque Camshaft</b>	<b>MTF-2</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
			Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
	HYD. IMPROVES LOW-MID PERF. CHECK FOR COIL BIND. USE [VS-280] SPRING W/ INSTALLED HGT. OF 1.82. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1200-4700.		204 214	282 292	.485 .511	106 118	112
	<b>Camshafts Using Mechanical Flat Tappet Lifters</b>	<b>24401</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
			Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
	CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3500-6700.		244 254	292 301	.569 .589	104 108	106
	<b>Camshafts Using Hydraulic Flat Tappet Lifters</b>	<b>24111</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
			Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
	CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1300-4800.		208 208	284 284	.485 .485	107 115	111
	CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5200.	<b>24204</b>	214 224	292 302	.511 .537	106 118	112
	CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1900-5400.	<b>24224</b>	219 219	310 310	.505 .505	108 120	114
	CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2200-5700.	<b>24303</b>	224 234	302 308	.538 .562	107 117	112
	<i>Continued on Next Page</i>						

**PERFORMANCE - FORD PRODUCTS & TRUCKS (Continued)**

Line No.	Part Title	Part No.	Description				
<b>10</b>	<b>351C ENG - 1970-74 - 8 Cyl. - 4.000 Bore</b>						
	Mell Lube	M-10012	ENGINE ASSEMBLY LUBRICANT				
	Torque Cam Lifter Kit	CL-MTF-2	CLASS I HYD. NOT COMPUTER COMPATIBLE. IMPROVES LOW-MID PERF. USE [VS-280]. NOT CALIFORNIA COMPLIANT. KIT INCLUDES 1-[MTF-2] CAM, 16-[JB-900] LIFTERS & 4OZ MELL LUBE. CHECK FOR COIL BIND. USE [VS-280] SPRING W/INSTALLED HGT. OF 1.82				
	Hydraulic Flat Tappet Lifters	299004	USE FACTORY SETTING				
		299014	ANTI-PUMP UP; SET AT ZERO LASH; MUST BE USED W/ ADJUSTABLE VALVE TRAIN				
	Hydraulic Retro-fit Roller Lifters	F1900RF16	RETRO-FIT LIFTER FOR USE W/ RETRO-FIT ROLLER CAMSHAFT				
	Valve Locks	476104	HARDENED				
	Valve Spring with Mechanical Lifters	466154	OUTER - USE WITH [24401] CAM. MACHINING MAY BE REQUIRED				
		466164	INNER - USE WITH [24401] CAM. MACHINING MAY BE REQUIRED				
	Valve Spring with Hydraulic Lifters	VS-280	USE W/ [MTF-2] CAMSHAFT; INSTALLED HGT. OF 1.82 (MACHINING MAY BE REQUIRED)				
		466224	USE WITH [24204], [MTF-2], [24224] CAMS. MACHINING MAY BE REQUIRED				
	Valve Spring Retainers	475114	CHROME MOLY - USE WITH [466224] SPRINGS				
	Chrome Moly Push Rods	500424	HEAT TREATED EXC. BOSS MAX. SPRING PRESSURE 350 LBS.				
		500434	HEAT TREATED - BOSS MAX. SPRING PRESSURE 350 LBS.				
	Guide Plates	MGP1104	RAISED-3/8" THICK- MUST BE USED WITH SCREW-IN ROCKER ARM STUDS				
		MGP1114	RAISED-5/16" THICK- MUST BE USED WITH SCREW-IN ROCKER ARM STUDS				
	3pc Set	40405	NOT FOR USE WITH ROLLER CAMS INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET				
	Oil Pump	M-84AHV	HI VOL PUMP (25% ADDL VOL OF OIL)				
	Oil Pump Drive Shaft	12844	PERFORMANCE TYPE INTERMEDIATE SHAFT. HIGH STRENGTH (150,000 PSI) CHROME MOLY STEEL. IMPROVED SHAFT RETAINER WHICH LOCKS ONTO THE OIL PUMP DRIVE SHAFT				
<b>11</b>	<b>351M ENG - 1975-81 - 8 Cyl. - 4.000 Bore</b>						
	Torque Camshaft	MTF-2	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
			Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
	HYD. IMPROVES LOW-MID PERF. CHECK FOR COIL BIND. USE [VS-280] SPRING W/ INSTALLED HGT. OF 1.82. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1200-4700.		204 214	282 292	.485 .511	106 118	112
	<i>Continued on Next Page</i>						

**PERFORMANCE - FORD PRODUCTS & TRUCKS (Continued)**

Line No.	Part Title	Part No.	Description				
<b>11</b>	<b>351M ENG - 1975-81 - 8 Cyl. - 4.000 Bore</b>						
	<b>Camshafts Using Mechanical Flat Tappet Lifters</b>  CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3500-6700.	<b>24401</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
			Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
			244 254	292 301	.569 .589	104 108	106
	<b>Camshafts Using Hydraulic Flat Tappet Lifters</b>  CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1300-4800.	<b>24111</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
			Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
			208 208	284 284	.485 .485	107 115	111
	CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5200.	<b>24204</b>	214 224	292 302	.511 .537	106 118	112
	CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1900-5400.	<b>24224</b>	219 219	310 310	.505 .505	108 120	114
	CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2200-5700.	<b>24303</b>	224 234	302 308	.538 .562	107 117	112
	<b>Mell Lube</b>	<b>M-10012</b>	ENGINE ASSEMBLY LUBRICANT				
	<b>Torque Cam Lifter Kit</b>	<b>CL-MTF-2</b>	CLASS I NOT COMPUTER COMPATIBLE. IMPROVES LOW-MID PERF. USE [VS-280]. NOT CALIFORNIA COMPLIANT. KIT INCLUDES 1-[MTF-2] CAM, 16-[JB-900] LIFTERS & 4OZ MELL LUBE. CHECK FOR COIL BIND. USE [VS-280] SPRING W/INSTALLED HGT. OF 1.82				
	<b>Hydraulic Flat Tappet Lifters</b>	<b>299004</b>	USE FACTORY SETTING				
		<b>299014</b>	ANTI-PUMP UP; SET AT ZERO LASH; MUST BE USED W/ ADJUSTABLE VALVE TRAIN				
	<b>Hydraulic Retro-fit Roller Lifters</b>	<b>F1900RF16</b>	RETRO-FIT LIFTER FOR USE W/ RETRO-FIT ROLLER CAMSHAFT				
	<b>Valve Locks</b>	<b>476104</b>	HARDENED				
	<b>Valve Spring with Mechanical Lifters</b>	<b>466154</b>	OUTER - USE WITH [24401] CAM. MACHINING MAY BE REQUIRED				
		<b>466164</b>	INNER - USE WITH [24401] CAM. MACHINING MAY BE REQUIRED				
	<b>Valve Spring with Hydraulic Lifters</b>	<b>VS-280</b>	USE W/ [MTF-2] CAMSHAFT; INSTALLED HGT. OF 1.82 (MACHINING MAY BE REQUIRED)				
		<b>466224</b>	USE WITH [24204], [MTF-2], [24224] CAMS. MACHINING MAY BE REQUIRED				
	<b>Valve Spring Retainers</b>	<b>475054</b>	1978-1978 EXHAUST ONLY. CHROME MOLY. USE WITH [466154], [466164] SPRINGS				
		<b>475054</b>	1979-1979 INTAKE AND EXHAUST. CHROME MOLY. USE WITH [466154], [466164] SPRINGS				
		<b>475064</b>	1978-1978 INTAKE ONLY. CHROME MOLY. USE WITH [466154], [466164] SPRINGS				
	<i>Continued on Next Page</i>						

**PERFORMANCE - FORD PRODUCTS & TRUCKS (Continued)**

Line No.	Part Title	Part No.	Description				
<b>11</b>	<b>351M ENG - 1975-81 - 8 Cyl. - 4.000 Bore</b>						
	Valve Spring Retainers	475064	1975-1977 INTAKE AND EXHAUST. CHROME MOLY. USE WITH [466154], [466164] SPRINGS				
	Guide Plates	MGP1104	RAISED-3/8" THICK- MUST BE USED WITH SCREW-IN ROCKER ARM STUDS				
		MGP1114	RAISED-5/16" THICK- MUST BE USED WITH SCREW-IN ROCKER ARM STUDS				
	3pc Set	40405	NOT FOR USE WITH ROLLER CAMS INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET				
	Oil Pump	M-84AHV	HI VOL PUMP (25% ADDL VOL OF OIL)				
	Oil Pump Drive Shaft	12844	PERFORMANCE TYPE INTERMEDIATE SHAFT. HIGH STRENGTH (150,000 PSI) CHROME MOLY STEEL. IMPROVED SHAFT RETAINER WHICH LOCKS ONTO THE OIL PUMP DRIVE SHAFT				
<b>12</b>	<b>352 ENG - 1958-67 - 8 Cyl. - 4.000 Bore</b>						
	Torque Camshaft	MTF-4	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
	1963-1967 HYD. IMPROVES LOW-MID. PERF. CHECK FOR COIL BIND. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1200-4700.		Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
			204 214	282 292	.485 .511	104 120	112
	Camshafts Using Hydraulic Flat Tappet Lifters	24205	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
	1963-1967 CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5200.		Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
			214 224	292 302	.511 .537	104 120	112
		24218	224 224	315 315	.506 .506	109 115	112
		24302	230 230	304 304	.554 .554	107 111	109
	Mell Lube	M-10012	ENGINE ASSEMBLY LUBRICANT				
	Torque Cam Lifter Kit	CL-MTF-4	1963-1967 CLASS I HYD. NOT COMPUTER COMPATIBLE. IMPROVES LOW-MID PERF. NOT CALIFORNIA COMPLIANT. KIT INCLUDES 1-[MTF-4] CAM, 16-[JB-2083] LIFTERS & 4OZ MELL LUBE. CHECK FOR COIL BIND. USE [VS-280] SPRING W/INSTALLED HGT. OF 1.82				
	Mechanical Flat Tappet Lifters	298724					
	Hydraulic Flat Tappet Lifters	290834					
	Valve Locks	473004	HARDENED 2 GROOVES				
	Valve Spring with Hydraulic Lifters	466224	USE WITH [24205], [24302], [MTF-4] CAMS. MACHINING MAY BE REQUIRED				
	Valve Spring Retainers	475084	CHROME MOLY - USE WITH [466154], [466224] SPRINGS				
	<i>Continued on Next Page</i>						

**PERFORMANCE - FORD PRODUCTS & TRUCKS (Continued)**

Line No.	Part Title	Part No.	Description				
<b>12</b>	<b>352 ENG - 1958-67 - 8 Cyl. - 4.000 Bore</b>						
	<b>Chrome Moly Push Rods</b>	<b>500064</b>	FOR USE WITH MECHANICAL LIFTERS MAX. SPRING PRESSURE 350 LBS.				
		<b>500074</b>	WITH DEEP SHELL TYPE - FOR USE WITH MECHANICAL LIFTERS MAX. SPRING PRESSURE 350 LBS.				
	<b>3pc Set</b>	<b>40204</b>	1958-1966 CAR APPLICATIONS ONLY INCLUDES ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET				
		<b>40204</b>	1965-1967 TRUCK APPLICATIONS ONLY INCLUDES ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET				
		<b>40410</b>	1958-1966 CAR APPLICATIONS ONLY INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET				
		<b>40410</b>	1965-1967 TRUCK APPLICATIONS ONLY INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET				
	<b>Oil Pump</b>	<b>M-57HV</b>	HI VOL PUMP (25% ADDL VOL OF OIL)				
	<b>Oil Pump Drive Shaft</b>	<b>12600</b>	PERFORMANCE TYPE INTERMEDIATE SHAFT. HIGH STRENGTH (150,000 PSI) CHROME MOLY STEEL. IMPROVED SHAFT RETAINER WHICH LOCKS ONTO THE OIL PUMP DRIVE SHAFT				
<b>13</b>	<b>360 ENG - 1968-76 - 8 Cyl. - 4.050 Bore</b>						
	<b>Torque Camshaft</b>	<b>MTF-4</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
	HYD. IMPROVES LOW-MID. PERF. CHECK FOR COIL BIND. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1200-4700.		Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
			204 214	282 292	.485 .511	104 120	112
	<b>Camshafts Using Hydraulic Flat Tappet Lifters</b>	<b>24205</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
	CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5200.		Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
			214 224	292 302	.511 .537	104 120	112
	CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2200-5700.	<b>24218</b>	224 224	315 315	.506 .506	109 115	112
	CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2500-6000.	<b>24302</b>	230 230	304 304	.554 .554	107 111	109
	<b>Mell Lube</b>	<b>M-10012</b>	ENGINE ASSEMBLY LUBRICANT				
	<b>Torque Cam Lifter Kit</b>	<b>CL-MTF-4</b>	CLASS I HYD. NOT COMPUTER COMPATIBLE. IMPROVES LOW-MID PERF. NOT CALIFORNIA COMPLIANT. KIT INCLUDES 1-[MTF-4] CAM, 16-[JB-2083] LIFTERS & 4OZ MELL LUBE. CHECK FOR COIL BIND. USE [VS-280] SPRING W/INSTALLED HGT. OF 1.82				
	<b>Mechanical Flat Tappet Lifters</b>	<b>298724</b>					
	<i>Continued on Next Page</i>						

**PERFORMANCE - FORD PRODUCTS & TRUCKS (Continued)**

Line No.	Part Title	Part No.	Description				
<b>13</b>	<b>360 ENG - 1968-76 - 8 Cyl. - 4.050 Bore</b>						
	Hydraulic Flat Tappet Lifters	290834					
	Valve Locks	473004	HARDENED 2 GROOVES				
	Valve Spring with Hydraulic Lifters	466224	USE WITH [24205], [24302], [MTF-4] CAMS. MACHINING MAY BE REQUIRED				
	Valve Spring Retainers	475084	CHROME MOLY - USE WITH [466224] SPRINGS				
	Chrome Moly Push Rods	500064	FOR USE WITH MECHANICAL LIFTERS MAX. SPRING PRESSURE 350 LBS.				
		500074	WITH DEEP SHELL TYPE - FOR USE WITH MECHANICAL LIFTERS MAX. SPRING PRESSURE 350 LBS.				
	3pc Set	40204	INCLUDES ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET				
		40410	INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET				
	Oil Pump	M-57HV	HI VOL PUMP (25% ADDL VOL OF OIL)				
Oil Pump Drive Shaft	12600	PERFORMANCE TYPE INTERMEDIATE SHAFT. HIGH STRENGTH (150,000 PSI) CHROME MOLY STEEL. IMPROVED SHAFT RETAINER WHICH LOCKS ONTO THE OIL PUMP DRIVE SHAFT					
<b>14</b>	<b>390 ENG - 1961-76 - 8 Cyl. - 4.050 Bore</b>						
	Torque Camshaft	MTF-4	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
			Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
	HYD. IMPROVES LOW-MID. PERF. CHECK FOR COIL BIND. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1200-4700.	MTF-4					112
			204 214	282 292	.485 .511	104 120	
	Camshafts Using Hydraulic Flat Tappet Lifters	24205	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
			Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
	CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5200.	24205					112
			214 224	292 302	.511 .537	104 120	
	CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2200-5700.	24218	224 224	315 315	.506 .506	109 115	112
CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2500-6000.	24302	230 230	304 304	.554 .554	107 111	109	
Mell Lube	M-10012	ENGINE ASSEMBLY LUBRICANT					
Torque Cam Lifter Kit	CL-MTF-4	CLASS I HYD. NOT COMPUTER COMPATIBLE. IMPROVES LOW-MID PERF. C NOT CALIFORNIA COMPLIANT. KIT INCLUDES 1-[MTF-4] CAM, 16-[JB-2083] LIFTERS & 4OZ MELL LUBE. CHECK FOR COIL BIND. USE [VS-280] SPRING W/INSTALLED HGT. OF 1.82					
Mechanical Flat Tappet Lifters	298724						
Hydraulic Flat Tappet Lifters	290834						
<i>Continued on Next Page</i>							

**PERFORMANCE - FORD PRODUCTS & TRUCKS (Continued)**

Line No.	Part Title	Part No.	Description						
<b>14</b>	<b>390 ENG - 1961-76 - 8 Cyl. - 4.050 Bore</b>								
	Valve Locks	473004	HARDENED 2 GROOVES						
	Valve Spring with Hydraulic Lifters	466224	USE WITH [24205], [24302], [MTF-4] CAMS. MACHINING MAY BE REQUIRED						
	Valve Spring Retainers	475084	CHROME MOLY - USE WITH [466224] SPRINGS						
	Chrome Moly Push Rods	500064	FOR USE WITH MECHANICAL LIFTERS MAX. SPRING PRESSURE 350 LBS.						
		500074	WITH DEEP SHELL TYPE - FOR USE WITH MECHANICAL LIFTERS MAX. SPRING PRESSURE 350 LBS.						
	3pc Set	40204	INCLUDES ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET						
		40410	INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET						
	Oil Pump	M-57HV	HI VOL PUMP (25% ADDL VOL OF OIL)						
	Oil Pump Drive Shaft	12600	PERFORMANCE TYPE INTERMEDIATE SHAFT. HIGH STRENGTH (150,000 PSI) CHROME MOLY STEEL. IMPROVED SHAFT RETAINER WHICH LOCKS ONTO THE OIL PUMP DRIVE SHAFT						
<b>15</b>	<b>400 ENG - 1971-82 - 8 Cyl. - 4.000 Bore</b>								
	Torque Camshaft	MTF-2	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation		
			Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.			
	HYD. IMPROVES LOW-MID PERF. CHECK FOR COIL BIND. USE [VS-280] SPRING W/ INSTALLED HGT. OF 1.82. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1200-4700.	24401	204	214	282	292	.485 .511	106 118	112
	Camshafts Using Mechanical Flat Tappet Lifters	24401	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation		
			Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.			
	CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3500-6700.	24111	244	254	292	301	.569 .589	104 108	106
	Camshafts Using Hydraulic Flat Tappet Lifters	24111	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation		
Int. Exh.			Int. Exh.	Int. Exh.	Int. Exh.				
CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1300-4800.	24204	208	208	284	284	.485 .485	107 115	111	
CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5200.	24204	214	224	292	302	.511 .537	106 118	112	
<i>Continued on Next Page</i>									



**PERFORMANCE - FORD PRODUCTS & TRUCKS (Continued)**

Line No.	Part Title	Part No.	Description					
<b>15</b>	<b>400 ENG - 1971-82 - 8 Cyl. - 4.000 Bore</b>							
	<b>Camshafts Using Hydraulic Flat Tappet Lifters</b>		Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation	
	CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1900-5400.	<b>24224</b>	Int. Exh. 219 219	Int. Exh. 310 310	Int. Exh. .505 .505	Int. Exh. 108 120		114
	CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2200-5700.	<b>24303</b>	224 234	302 308	.538 .562	107 117		112
	<b>Mell Lube</b>	<b>M-10012</b>	ENGINE ASSEMBLY LUBRICANT					
	<b>Torque Cam Lifter Kit</b>	<b>CL-MTF-2</b>	CLASS I HYD. NOT COMPUTER COMPATIBLE. IMPROVES LOW-MID PERF. USE [VS-280]. NOT CALIFORNIA COMPLIANT. KIT INCLUDES 1-[MTF-2] CAM, 16-[JB-900] LIFTERS & 4OZ MELL LUBE. CHECK FOR COIL BIND. USE [VS-280] SPRING W/INSTALLED HGT. OF 1.82					
	<b>Hydraulic Flat Tappet Lifters</b>	<b>299004</b>	USE FACTORY SETTING					
		<b>299014</b>	ANTI-PUMP UP; SET AT ZERO LASH; MUST BE USED W/ ADJUSTABLE VALVE TRAIN					
	<b>Hydraulic Retro-fit Roller Lifters</b>	<b>F1900RF16</b>	RETRO-FIT LIFTER FOR USE W/ RETRO-FIT ROLLER CAMSHAFT					
	<b>Valve Locks</b>	<b>472004</b>	1978-1979 EXH.					
		<b>476704</b>	1978-1979 INT.					
	<b>Valve Spring with Mechanical Lifters</b>	<b>466154</b>	OUTER - USE WITH [24401] CAM. MACHINING MAY BE REQUIRED					
		<b>466164</b>	INNER - USE WITH [24401] CAM. MACHINING MAY BE REQUIRED					
	<b>Valve Spring with Hydraulic Lifters</b>	<b>VS-280</b>	USE W/ [MTF-2] CAMSHAFT; INSTALLED HGT. OF 1.82 (MACHINING MAY BE REQUIRED)					
		<b>466224</b>	USE WITH [24204], [MTF-2], [24224] CAMS. MACHINING MAY BE REQUIRED					
	<b>Valve Spring Retainers</b>	<b>475054</b>	1978-1978 EXHAUST ONLY. CHROME MOLY. USE WITH [466154], [466164] SPRINGS					
		<b>475054</b>	1979-1979 INTAKE AND EXHAUST. CHROME MOLY. USE WITH [466154], [466164] SPRINGS					
		<b>475064</b>	1978-1978 INTAKE ONLY. CHROME MOLY. USE WITH [466154], [466164] SPRINGS					
		<b>475064</b>	1975-1977 INTAKE AND EXHAUST. CHROME MOLY. USE WITH [466154], [466164] SPRINGS					
	<b>3pc Set</b>	<b>40405</b>	NOT FOR USE WITH ROLLER CAMS INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET					
<b>Oil Pump</b>	<b>M-84AHV</b>	HI VOL PUMP (25% ADDL VOL OF OIL)						
<b>Oil Pump Drive Shaft</b>	<b>12844</b>	PERFORMANCE TYPE INTERMEDIATE SHAFT. HIGH STRENGTH (150,000 PSI) CHROME MOLY STEEL. IMPROVED SHAFT RETAINER WHICH LOCKS ONTO THE OIL PUMP DRIVE SHAFT						

**PERFORMANCE - FORD PRODUCTS & TRUCKS (Continued)**

Line No.	Part Title	Part No.	Description				
<b>16</b>	<b>406 ENG - 1962-63 - 8 Cyl. - 4.130 Bore</b>						
	<b>Torque Camshaft</b>		Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
		<b>MTF-4</b>	Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
	HYD. IMPROVES LOW-MID. PERF. CHECK FOR COIL BIND. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1200-4700.		204 214	282 292	.485 .511	104 120	112
	<b>Camshafts Using Hydraulic Flat Tappet Lifters</b>		Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
		<b>24205</b>	Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
	CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5200.		214 224	292 302	.511 .537	104 120	112
	CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2200-5700.	<b>24218</b>	224 224	315 315	.506 .506	109 115	112
	CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2500-6000.	<b>24302</b>	230 230	304 304	.554 .554	107 111	109
	<b>Mell Lube</b>	<b>M-10012</b>	ENGINE ASSEMBLY LUBRICANT				
	<b>Torque Cam Lifter Kit</b>	<b>CL-MTF-4</b>	CLASS I HYD. NOT COMPUTER COMPATIBLE. IMPROVES LOW-MID PERF. NOT CALIFORNIA COMPLIANT. KIT INCLUDES 1-[MTF-4] CAM, 16-[JB-2083] LIFTERS & 4OZ MELL LUBE. CHECK FOR COIL BIND. USE [VS-280] SPRING W/INSTALLED HGT. OF 1.82				
	<b>Mechanical Flat Tappet Lifters</b>	<b>298724</b>					
	<b>Hydraulic Flat Tappet Lifters</b>	<b>290834</b>					
	<b>Valve Locks</b>	<b>473004</b>	HARDENED 2 GROOVES				
	<b>Valve Spring with Hydraulic Lifters</b>	<b>466224</b>	USE WITH [24205], [24302], [MTF-4] CAMS. MACHINING MAY BE REQUIRED				
	<b>Valve Spring Retainers</b>	<b>475084</b>	CHROME MOLY - USE WITH [466224] SPRINGS				
	<b>Chrome Moly Push Rods</b>	<b>500064</b>	FOR USE WITH MECHANICAL LIFTERS MAX.SPRING PRESSURE 350 LBS.				
		<b>500074</b>	WITH DEEP SHELL TYPE - FOR USE WITH MECHANICAL LIFTERS MAX. SPRING PRESSURE 350 LBS.				
	<b>3pc Set</b>	<b>40204</b>	1963-1963 INCLUDES ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET				
		<b>40410</b>	1963-1963 INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET				
	<b>Oil Pump</b>	<b>M-57HP</b>	HI PRESSURE OIL PUMP				
	<b>Oil Pump Drive Shaft</b>	<b>12600</b>	PERFORMANCE TYPE INTERMEDIATE SHAFT. HIGH STRENGTH (150,000 PSI) CHROME MOLY STEEL. IMPROVED SHAFT RETAINER WHICH LOCKS ONTO THE OIL PUMP DRIVE SHAFT				

**PERFORMANCE - FORD PRODUCTS & TRUCKS (Continued)**

<b>Line No.</b>	<b>Part Title</b>	<b>Part No.</b>	<b>Description</b>				
<b>17</b>	<b>427 ENG - 1963-68 - 8 Cyl. - 4.233 Bore</b>						
	<b>Torque Camshaft</b>	<b>MTF-4</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
	HYD. IMPROVES LOW-MID. PERF. CHECK FOR COIL BIND. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1200-4700.		Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
			204 214	282 292	.485 .511	104 120	112
	<b>Camshafts Using Hydraulic Flat Tappet Lifters</b>	<b>24205</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
	CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5200.		Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
			214 224	292 302	.511 .537	104 120	112
	CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2200-5700.	<b>24218</b>	224 224	315 315	.506 .506	109 115	112
	CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2500-6000.	<b>24302</b>	230 230	304 304	.554 .554	107 111	109
	<b>Mell Lube</b>	<b>M-10012</b>	ENGINE ASSEMBLY LUBRICANT				
	<b>Torque Cam Lifter Kit</b>	<b>CL-MTF-4</b>	CLASS I HYD. NOT COMPUTER COMPATIBLE. IMPROVES LOW-MID PERF. NOT CALIFORNIA COMPLIANT. KIT INCLUDES 1-[MTF-4] CAM, 16-[JB-2083] LIFTERS & 4OZ MELL LUBE. CHECK FOR COIL BIND. USE [VS-280] SPRING W/INSTALLED HGT. OF 1.82				
	<b>Mechanical Flat Tappet Lifters</b>	<b>298724</b>					
	<b>Hydraulic Flat Tappet Lifters</b>	<b>290834</b>					
	<b>Valve Locks</b>	<b>473004</b>	HARDENED 2 GROOVES				
	<b>Valve Spring with Hydraulic Lifters</b>	<b>466224</b>	USE WITH [24205], [24302], [MTF-4] CAMS. MACHINING MAY BE REQUIRED				
	<b>Valve Spring Retainers</b>	<b>475084</b>	CHROME MOLY - USE WITH [466224] SPRINGS				
	<b>Chrome Moly Push Rods</b>	<b>500064</b>	FOR USE WITH MECHANICAL LIFTERS MAX. SPRING PRESSURE 350 LBS.				
		<b>500074</b>	WITH DEEP SHELL TYPE - FOR USE WITH MECHANICAL LIFTERS MAX. SPRING PRESSURE 350 LBS.				
	<b>3pc Set</b>	<b>40204</b>	INCLUDES ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET				
		<b>40410</b>	INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET				
	<b>Oil Pump</b>	<b>M-57HP</b>	HI PRESSURE OIL PUMP				
	<b>Oil Pump Drive Shaft</b>	<b>12600</b>	PERFORMANCE TYPE INTERMEDIATE SHAFT. HIGH STRENGTH (150,000 PSI) CHROME MOLY STEEL. IMPROVED SHAFT RETAINER WHICH LOCKS ONTO THE OIL PUMP DRIVE SHAFT				

**PERFORMANCE - FORD PRODUCTS & TRUCKS (Continued)**

Line No.	Part Title	Part No.	Description				
<b>18</b>	<b>428 ENG - 1966-70 - 8 Cyl. - 4.130 Bore</b>						
	<b>Torque Camshaft</b>		Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
		<b>MTF-4</b>	Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
	HYD. IMPROVES LOW-MID. PERF. CHECK FOR COIL BIND. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1200-4700.		204 214	282 292	.485 .511	104 120	112
	<b>Camshafts Using Hydraulic Flat Tappet Lifters</b>		Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
		<b>24205</b>	Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
	CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5200.		214 224	292 302	.511 .537	104 120	112
	CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2200-5700.	<b>24218</b>	224 224	315 315	.506 .506	109 115	112
	CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2500-6000.	<b>24302</b>	230 230	304 304	.554 .554	107 111	109
	<b>Mell Lube</b>	<b>M-10012</b>	ENGINE ASSEMBLY LUBRICANT				
	<b>Torque Cam Lifter Kit</b>	<b>CL-MTF-4</b>	CLASS I HYD. NOT COMPUTER COMPATIBLE. IMPROVES LOW-MID PERF. NOT CALIFORNIA COMPLIANT. KIT INCLUDES 1-[MTF-4] CAM, 16-[JB-2083] LIFTERS & 4OZ MELL LUBE. CHECK FOR COIL BIND. USE [VS-280] SPRING W/INSTALLED HGT. OF 1.82				
	<b>Mechanical Flat Tappet Lifters</b>	<b>298724</b>					
	<b>Hydraulic Flat Tappet Lifters</b>	<b>290834</b>					
	<b>Valve Locks</b>	<b>473004</b>	HARDENED 2 GROOVES				
	<b>Valve Spring with Hydraulic Lifters</b>	<b>466224</b>	USE WITH [24205], [24302], [MTF-4] CAMS. MACHINING MAY BE REQUIRED				
	<b>Valve Spring Retainers</b>	<b>475084</b>	CHROME MOLY - USE WITH [466224] SPRINGS				
	<b>Chrome Moly Push Rods</b>	<b>500064</b>	FOR USE WITH MECHANICAL LIFTERS MAX. SPRING PRESSURE 350 LBS.				
		<b>500074</b>	WITH DEEP SHELL TYPE - FOR USE WITH MECHANICAL LIFTERS MAX. SPRING PRESSURE 350 LBS.				
	<b>3pc Set</b>	<b>40204</b>	INCLUDES ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET				
		<b>40410</b>	INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET				
	<b>Oil Pump</b>	<b>M-57B</b>	1968-1970 COBRA JET AND SUPER COBRA JET				
		<b>M-57HV</b>	EXCLUDES COBRA JET AND SUPER COBRA JET HI VOL PUMP (25% ADDL VOL OF OIL)				
	<b>Oil Pump Drive Shaft</b>	<b>12600</b>	PERFORMANCE TYPE INTERMEDIATE SHAFT. HIGH STRENGTH (150,000 PSI) CHROME MOLY STEEL. IMPROVED SHAFT RETAINER WHICH LOCKS ONTO THE OIL PUMP DRIVE SHAFT				

**PERFORMANCE - FORD PRODUCTS & TRUCKS (Continued)**

Line No.	Part Title	Part No.	Description				
<b>19</b>	<b>429 ENG- 1968-73 - 8 Cyl. - 4.360 Bore</b>						
	<b>Torque Camshaft</b>	<b>MTF-3</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
	HYD. IMPROVES LOW-MID. PERF. CHECK FOR COIL BIND. USE [VS-280] SPRING W/ INSTALLED HGT. OF 1.82. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1200-4700.		Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
			204 214	282 292	.485 .512	107 117	112
	<b>Camshafts Using Mechanical Flat Tappet Lifters</b>	<b>24206</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
	CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5200.		Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
			214 224	292 302	.511 .544	107 117	112
		<b>24406</b>	244 254	294 304	.588 .614	107 117	112
	<b>Mell Lube</b>	<b>M-10012</b>	ENGINE ASSEMBLY LUBRICANT				
	<b>Torque Cam Lifter Kit</b>	<b>CL-MTF-3</b>	CLASS I HYD. NOT COMPUTER COMPATIBLE. IMPROVES LOW-MID PERF. USE [VS-280]. NOT CALIFORNIA COMPLIANT. KIT INCLUDES 1-[MTF-3] CAM, 16-[JB-900] LIFTERS & 4OZ MELL LUBE. CHECK FOR COIL BIND. USE [VS-280] SPRING W/INSTALLED HGT. OF 1.82				
	<b>Hydraulic Flat Tappet Lifters</b>	<b>JB-900</b>	FOR USE WITH [MTF-3] CAMSHAFT				
		<b>299004</b>	NOT FOR USE W/ [MTF-3] CAMSHAFT USE FACTORY SETTING				
		<b>299014</b>	NOT FOR USE W/ [MTF-3] CAMSHAFT ANTI-PUMP UP; SET AT ZERO LASH; MUST BE USED W/ ADJUSTABLE VALVE TRAIN				
	<b>Valve Spring with Hydraulic Lifters</b>	<b>VS-280</b>	USE W/ [MTF-3] CAMSHAFT; INSTALLED HGT. OF 1.82 (MACHINING MAY BE REQUIRED)				
	<b>Guide Plates</b>	<b>MGP1124</b>	RAISED-3/8" THICK- MUST BE USED WITH SCREW-IN ROCKER ARM STUDS				
		<b>MGP1134</b>	RAISED-5/16" THICK- MUST BE USED WITH SCREW-IN ROCKER ARM STUDS				
	<b>Gear Drive Set</b>	<b>48430</b>	1972-1973 RECOMMENDED FOR STREET AND STRIP, CLAIMER, RACING ENGINES UP TO 6,500 RPM. STANDARD 429. SPACER CAST INTO SPROCKET HUB. OLDER ENGINES DISCARD SEPERATE CAMSHAFT SPACER INCLUDES 8620 CARBURIZED STEEL GEARS, ROLLER CAM BUTTON, LOCK PLATE AND BOLTS. ADJUST WITH OPTIONAL 5 COLOR CODED DOWEL PIN HOLE INSERTS.				
	<b>3pc Set</b>	<b>48530T-9</b>	1972-1973 RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD AND CLAIMER ENGINES INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +/-4: CAM ADJUSTMENT. PRESS FIT ROLLER THRUST BEARINGS.				
	<i>Continued on Next Page</i>						

**PERFORMANCE - FORD PRODUCTS & TRUCKS (Continued)**

Line No.	Part Title	Part No.	Description				
<b>19</b>	<b>429 ENG- 1968-73 - 8 Cyl. - 4.360 Bore</b>						
	3pc Set	40403	INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET				
	Oil Pump	M-84B	1969-1970 (HIGH PRESSURE PUMP) SPECIAL				
		M-84B	1970-1973 (HIGH PRESSURE PUMP) POLICE, COBRA JET, SUPER COBRA JET				
		M-84BHV-S	EXCLUDING POLICE, COBRA JET, SUPER COBRA JET - USE W/OIL PAN DEPTH OF 8 1/4". MAY REQUIRE MINOR MODIFICATION OF OIL PAN. HI VOL PUMP-25% ADDL VOL OF OIL THAN STOCK PUMP. INCLUDES BOLT ON PICKUP ASSY.				
		M-84EHV-S	1970-1973 POLICE, COBRA JET, SUPER COBRA JET- USE W/OIL PAN DEPTH OF 8 5/8" - MAY REQUIRE MINOR MODIFICATION OF OIL PAN HI VOL PUMP-25% ADDL VOL OF OIL THAN STOCK PUMP. INCLUDES BOLT ON PICKUP ASSY.				
	Oil Pump Drive Shaft	12840	PERFORMANCE TYPE INTERMEDIATE SHAFT. HIGH STRENGTH (150,000 PSI) CHROME MOLY STEEL. IMPROVED SHAFT RETAINER WHICH LOCKS ONTO THE OIL PUMP DRIVE SHAFT				
<b>20</b>	<b>429 ENG - 1980-98 - 8 Cyl. - 4.360 Bore</b>						
	Mell Lube	M-10012	ENGINE ASSEMBLY LUBRICANT				
	Oil Pump	M-84DHV	HI VOL PUMP-25% ADDL VOL OF OIL THAN STOCK PUMP				
	Oil Pump Screen	84-DS2					
	Oil Pump Drive Shaft	IS-84					
		12840	PERFORMANCE TYPE INTERMEDIATE SHAFT. HIGH STRENGTH (150,000 PSI) CHROME MOLY STEEL. IMPROVED SHAFT RETAINER WHICH LOCKS ONTO THE OIL PUMP DRIVE SHAFT				
<b>21</b>	<b>460 ENG - 1972-97 - 8 Cyl. - 4.360 Bore</b>						
	<b>Torque Camshaft</b>	MTF-3	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
	HYD. IMPROVES LOW-MID. PERF. CHECK FOR COIL BIND. USE [VS-280] SPRING W/ INSTALLED HGT. OF 1.82. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1200-4700.		Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
			204 214	282 292	.485 .512	107 117	112
	<b>Camshafts Using Mechanical Flat Tappet Lifters</b>	24206	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
			Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
			214 224	292 302	.511 .544	107 117	112
	CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5200.	24406	244 254	294 304	.588 .614	107 117	112
	Mell Lube	M-10012	ENGINE ASSEMBLY LUBRICANT				
	<i>Continued on Next Page</i>						

**PERFORMANCE - FORD PRODUCTS & TRUCKS (Continued)**

<b>Line No.</b>	<b>Part Title</b>	<b>Part No.</b>	<b>Description</b>
<b>21</b>	<b>460 ENG - 1972-97 - 8 Cyl. - 4.360 Bore</b>		
	<b>Torque Cam Lifter Kit</b>	<b>CL-MTF-3</b>	CLASS I HYD. NOT COMPUTER COMPATIBLE. IMPROVES LOW-MID PERF. USE [VS-280]. NOT CALIFORNIA COMPLIANT. KIT INCLUDES 1-[MTF-3] CAM, 16-[JB-900] LIFTERS & 4OZ MELL LUBE. CHECK FOR COIL BIND. USE [VS-280] SPRING W/INSTALLED HGT. OF 1.82
	<b>Hydraulic Flat Tappet Lifters</b>	<b>JB-900</b>	FOR USE WITH [MTF-3] CAMSHAFT
		<b>299004</b>	NOT FOR USE W/ [MTF-3] CAMSHAFT USE FACTORY SETTING
		<b>299014</b>	NOT FUR USE W/ [MTF-3] CAMSHAFT ANTI-PUMP UP; SET AT ZERO LASH; MUST BE USED W/ ADJUSTABLE VALVE TRAIN
	<b>Valve Spring with Hydraulic Lifters</b>	<b>VS-280</b>	USE W/ [MTF-3] CAMSHAFT; INSTALLED HGT. OF 1.82 (MACHINING MAY BE REQUIRED)
	<b>Guide Plates</b>	<b>MGP1124</b>	RAISED-3/8" THICK- MUST BE USED WITH SCREW-IN ROCKER ARM STUDS
		<b>MGP1134</b>	RAISED-5/16" THICK- MUST BE USED WITH SCREW-IN ROCKER ARM STUDS
	<b>3pc Set</b>	<b>48530T-9</b>	1972-1978 RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD AND CLAIMER ENGINES INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4/-4! CAM ADJUSTMENT. PRESS FIT ROLLER THRUST BEARINGS.
		<b>40403</b>	INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET
	<b>Oil Pump</b>	<b>M-84B</b>	1972-1978 CAR APPLICATIONS. HIGH PRESSURE PUMP. POLICE CAR
		<b>M-84BHV-S</b>	1974-1997 TRUCK-VAN APPLICATIONS. USE W/OIL PAN DEPTH OF 8 1/4". MAY REQUIRE MINOR MODIFICATION OF OIL PAN. HI VOL PUMP-25% ADDL VOL OF OIL THAN STOCK PUMP. INCLUDES BOLT ON PICKUP ASSY.
		<b>M-84BHV-S</b>	1972-1978 CAR APPLICATIONS. EXCLUDING POLICE - USE W/OIL PAN DEPTH OF 8 1/4". MAY REQUIRE MINOR MODIFICATION OF OIL PAN. HI VOL PUMP-25% ADDL VOL OF OIL THAN STOCK PUMP. INCLUDES BOLT ON PICKUP ASSY.
		<b>M-84D</b>	1979-1997 HIGH PRESSURE PUMP. F100/F450
		<b>M-84D</b>	1989-1997 HIGH PRESSURE PUMP. F53 MOTOR HOME
		<b>M-84D</b>	1975-1996 HIGH PRESSURE PUMP. E250/E350
		<b>M-84DHV</b>	1974-1997 TRUCK/VAN ONLY. SCREEN NOT INCLUDED HI VOL PUMP-25% ADDL VOL OF OIL THAN STOCK PUMP
		<b>M-84EHV-S</b>	1972-1978 CAR APPLICATIONS. POLICE CAR - USE W/ OIL PAN DEPTH OF 8 5/8". MAY REQUIRE MINOR MODIFICATION OF OIL PAN. HI VOL PUMP-25% ADDL VOL OF OIL THAN STOCK PUMP. INCLUDES BOLT ON PICKUP ASSY.
	<b>Oil Pump Screen</b>	<b>84-DS1</b>	1974-1997 TRUCK/VAN ONLY. FOR USE WITH M-84DHV - 11 5/8" OVERALL LENGTH
		<b>84-DS2</b>	1974-1997 TRUCK/VAN ONLY. FOR USE WITH M-84DHV - 13 1/4" OVERALL LENGTH
	<i>Continued on Next Page</i>		

**PERFORMANCE - FORD PRODUCTS & TRUCKS (Continued)**

Line No.	Part Title	Part No.	Description
<b>21</b>	<b>460 ENG - 1972-97 - 8 Cyl. - 4.360 Bore</b>		
	Oil Pump Drive Shaft	12840	PERFORMANCE TYPE INTERMEDIATE SHAFT. HIGH STRENGTH (150,000 PSI) CHROME MOLY STEEL. IMPROVED SHAFT RETAINER WHICH LOCKS ONTO THE OIL PUMP DRIVE SHAFT

**PERFORMANCE - ISUZU**

Line No.	Part Title	Part No.	Description
<b>1</b>	<b>5.3-M,P (323) OHV ENG - (2003-06) - 8 Cyl. - 96mm Bore</b>		
	Mell Lube	M-10012	ENGINE ASSEMBLY LUBRICANT
	Oil Pump	10295	2003-2004 STANDARD VOLUME. HI PRESSURE 10%. PROTECTIVE COATING. SCREW IN VALVE. USES 7/8" BOLT ON SCREEN.
		10296	2003-2004 HI VOLUME 18%. PROTECTIVE COATING. SCREW IN VALVE. USES 7/8" BOLT ON SCREEN. INCLUDES OPTIONAL HI PRESSURE SPRING.

**PERFORMANCE - OLDSMOBILE**

Line No.	Part Title	Part No.	Description				
<b>1</b>	<b>260 ENG - 1975-82 - 8 Cyl. - 3.500 Bore</b>						
	<b>Torque Camshaft</b>	<b>MTO-1</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
			Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
	HYD. IMPROVES LOW-MID. PERF. CHECK FOR COIL BIND. USE [VS-720] SPRING W/ INSTALLED HGT. OF 1.67. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1200-4700.		204 214	280 289	.449 .473	106 118	112
	<b>Camshafts Using Hydraulic Flat Tappet Lifters</b>	<b>25211</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
			Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
	CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5200.		214 224	289 300	.473 .497	106 118	112
	DURATION AT .50 INTAKE 244 CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3200-6700.	<b>25309</b>	244 244	314 314	0.475 0.475	110 110	110
	DURATION AT .50 INTAKE 232 CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2650-6200.	<b>25310</b>	232 232	329 329	.474 .474	112 114	113
	Mell Lube	M-10012	ENGINE ASSEMBLY LUBRICANT				
	<i>Continued on Next Page</i>						



**PERFORMANCE - OLDSMOBILE (Continued)**

<b>Line No.</b>	<b>Part Title</b>	<b>Part No.</b>	<b>Description</b>
<b>1</b>	<b>260 ENG - 1975-82 - 8 Cyl. - 3.500 Bore</b>		
	Torque Cam Lifter Kit	CL-MTO-1	CLASS I HYD. NOT COMPUTER COMPATIBLE. IMPROVES LOW-MID PERF. USE [VS-720]. NOT CALIFORNIA COMPLIANT. KIT INCLUDES 1-[MTO-1] CAM, 16-[JB-951] LIFTERS & 4OZ MELL LUBE. CHECK FOR COIL BIND. USE [VS-720] SPRING W/INSTALLED HGT. OF 1.67
	Hydraulic Flat Tappet Lifters	299514	
	Valve Locks	476104	11/32" STEM
	Valve Spring with Hydraulic Lifters	466124	INNER - USE WITH [25211], [25309], [MTO-1], [25310] CAMS - MACHING MAY BE REQUIRED
		466134	OUTER - USE WITH [25211], [25309], [MTO-1], [25310] CAMS - MACHING MAY BE REQUIRED
	Valve Spring Retainers	475054	CHROME MOLY - USE WITH [466134] SPRINGS
	Valve Springs	VS-720	USE W/ [MTO-1] CAMSHAFT (MACHINING MAY BE REQUIRED)
	3pc Set	40409	INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET
	Oil Pump	M-22FHV	HI VOL PUMP (20% ADDL VOL OF OIL) NOTE: THIS HI VOL PUMP IS MANUFACTURED W/BOLT ON TYPE FLANGE AND A CHAMFERED HOLE. EITHER A BOLT ON OR PRESS IN SCREEN CAN BE USED.
<b>2</b>	<b>267 ENG - 1981-82 - 8 Cyl. - 3.500 Bore</b>		
	Mell Lube	M-10012	ENGINE ASSEMBLY LUBRICANT
	Gear Drive Set	48400	NOISY - INCLUDES 8620 CARBURIZED STEEL GEARS, ROLLER CAM BUTTON, LOCK PLATE AND BOLTS. TIMING ADJUSTED WITH 5 OPTIONAL COLOR CODED DOWEL PIN HOLE INSERTS. RECOMMENDED FOR STREET AND STRIP, CLAIMER AND RACING ENGINES UP TO 6,500 RPM.
		48400Q	QUIET - INCLUDES 8620 CARBURIZED STEEL GEARS, ROLLER CAM BUTTON, LOCK PLATE AND BOLTS. TIMING ADJUSTED WITH 5 OPTIONAL COLOR CODED DOWEL PIN HOLE INSERTS. RECOMMENDED FOR STREET AND STRIP, CLAIMER AND RACING ENGINES UP TO 6,500 RPM.
	3pc Set	48500T-9	RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD AND CLAIMER ENGINES INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4°/-4° CAM ADJUSTMENT. PRESS FIT ROLLER THRUST BEARINGS.
		48500W-9	RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD AND CLAIMER ENGINES. INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4°/-4° CAM ADJUSTMENT. BRONZE WASHER
<b>3</b>	<b>305 ENG - 1977-88 - 8 Cyl. - 3.736 Bore</b>		
	Mell Lube	M-10012	ENGINE ASSEMBLY LUBRICANT
	<i>Continued on Next Page</i>		

**PERFORMANCE - OLDSMOBILE (Continued)**

Line No.	Part Title	Part No.	Description				
<b>3</b>	<b>305 ENG - 1977-88 - 8 Cyl. - 3.736 Bore</b>						
	<b>Gear Drive Set</b>	<b>48400</b>	NOISY - INCLUDES 8620 CARBURIZED STEEL GEARS, ROLLER CAM BUTTON, LOCK PLATE AND BOLTS. TIMING ADJUSTED WITH 5 OPTIONAL COLOR CODED DOWEL PIN HOLE INSERTS. RECOMMENDED FOR STREET AND STRIP, CLAIMER AND RACING ENGINES UP TO 6,500 RPM.				
		<b>48400Q</b>	QUIET - INCLUDES 8620 CARBURIZED STEEL GEARS, ROLLER CAM BUTTON, LOCK PLATE AND BOLTS. TIMING ADJUSTED WITH 5 OPTIONAL COLOR CODED DOWEL PIN HOLE INSERTS. RECOMMENDED FOR STREET AND STRIP, CLAIMER AND RACING ENGINES UP TO 6,500 RPM.				
	<b>3pc Set</b>	<b>48500T-9</b>	RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD AND CLAIMER ENGINES INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4°/-4° CAM ADJUSTMENT. PRESS FIT ROLLER THRUST BEARINGS.				
		<b>48500W-9</b>	RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD AND CLAIMER ENGINES INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4°/-4° CAM ADJUSTMENT. BRONZE WASHER				
<b>4</b>	<b>307 ENG - 1980-88 - 8 Cyl. - 3.500 Bore</b>						
	<b>Torque Camshaft</b>	<b>MTO-1</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
	1980-1984 HYD. IMPROVES LOW-MID. PERF. CHECK FOR COIL BIND. USE [VS-720] SPRING W/INSTALLED HGT. OF 1.67. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1200-4700.		Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
			204 214	280 289	.449 .473	106 118	112
	<b>Camshafts Using Hydraulic Flat Tappet Lifters</b>	<b>25211</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
	1980-1984 CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5200.		Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
			214 224	289 300	.473 .497	106 118	112
	1980-1984 DURATION AT .50 INTAKE 244 CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3200-6700.	<b>25309</b>	244 244	314 314	0.475 0.475	110 110	110
	1980-1984 DURATION AT .50 INTAKE 232 CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2650-6200.	<b>25310</b>	232 232	329 329	.474 .474	112 114	113
	<i>Continued on Next Page</i>						

**PERFORMANCE - OLDSMOBILE (Continued)**

Line No.	Part Title	Part No.	Description				
<b>4</b>	<b>307 ENG - 1980-88 - 8 Cyl. - 3.500 Bore</b>						
	<b>Mell Lube</b>	<b>M-10012</b>	ENGINE ASSEMBLY LUBRICANT				
	<b>Torque Cam Lifter Kit</b>	<b>CL-MTO-1</b>	1980-1984 CLASS I HYD. NOT COMPUTER COMPATIBLE. IMPROVES LOW-MID PERF. USE [VS-720]. NOT CALIFORNIA COMPLIANT. KIT INCLUDES 1-[MTO-1] CAM, 16-[JB-951] LIFTERS & 4OZ MELL LUBE. CHECK FOR COIL BIND. USE [VS-720] SPRING W/ INSTALLED HGT. OF 1.67				
	<b>Hydraulic Flat Tappet Lifters</b>	<b>299514</b>	1980-1984				
	<b>Valve Locks</b>	<b>476104</b>	11/32" STEM				
	<b>Valve Spring with Hydraulic Lifters</b>	<b>466124</b>	INNER - USE WITH [25211], [25309], [MTO-1], [25310] CAMS - MACHING MAY BE REQUIRED				
		<b>466134</b>	OUTER - USE WITH [25211], [25309], [MTO-1], [25310] CAMS - MACHING MAY BE REQUIRED				
	<b>Valve Spring Retainers</b>	<b>475054</b>	CHROME MOLY - USE WITH [466134] SPRINGS				
	<b>Valve Springs</b>	<b>VS-720</b>	USE W/ [MTO-1] CAMSHAFT (MACHINING MAY BE REQUIRED)				
	<b>Oil Pump</b>	<b>M-22FHV</b>	HI VOL PUMP (20% ADDL VOL OF OIL) NOTE: THIS HI VOL PUMP IS MANUFACTURED W/BOLT ON TYPE FLANGE AND A CHAMFERED HOLE. EITHER A BOLT ON OR PRESS IN SCREEN CAN BE USED.				
<b>5</b>	<b>350 ENG - 1968-80 - 8 Cyl. - 4.057 Bore</b>						
	<b>Torque Camshaft</b>	<b>MTO-1</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
	HYD. IMPROVES LOW-MID. PERF. CHECK FOR COIL BIND. USE [VS-720] SPRING W/ INSTALLED HGT. OF 1.67. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1200-4700.		Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
			204 214	280 289	.449 .473	106 118	112
	<b>Camshafts Using Hydraulic Flat Tappet Lifters</b>	<b>25211</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
	CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5200.		Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
			214 224	289 300	.473 .497	106 118	112
	DURATION AT .50 INTAKE 244 CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3200-6700.	<b>25309</b>	244 244	314 314	0.475 0.475	110 110	110
	DURATION AT .50 INTAKE 232 CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2650-6200.	<b>25310</b>	232 232	329 329	.474 .474	112 114	113
	<b>Mell Lube</b>	<b>M-10012</b>	ENGINE ASSEMBLY LUBRICANT				
	<i>Continued on Next Page</i>						

**PERFORMANCE - OLDSMOBILE (Continued)**

Line No.	Part Title	Part No.	Description
<b>5</b>	<b>350 ENG - 1968-80 - 8 Cyl. - 4.057 Bore</b>		
	Torque Cam Lifter Kit	<b>CL-MTO-1</b>	CLASS I HYD. NOT COMPUTER COMPATIBLE. IMPROVES LOW-MID PERF. NOT CALIFORNIA COMPLIANT. KIT INCLUDES 1-[MTO-1] CAM, 16-[JB-951] LIFTERS & 4OZ MELL LUBE. CHECK FOR COIL BIND. USE [VS-720] SPRING W/INSTALLED HGT. OF 1.67
	Hydraulic Flat Tappet Lifters	<b>299514</b>	
	Valve Locks	<b>476104</b>	11/32" STEM
	Valve Spring with Hydraulic Lifters	<b>466124</b>	INNER - USE WITH [25211], [25309], [MTO-1], [25310] CAMS - MACHING MAY BE REQUIRED
		<b>466134</b>	OUTER - USE WITH [25211], [25309], [MTO-1], [25310] CAMS - MACHING MAY BE REQUIRED
	Valve Spring Retainers	<b>475054</b>	CHROME MOLY - USE WITH [466134] SPRINGS
	Valve Springs	<b>VS-720</b>	USE W/ [MTO-1] CAMSHAFT (MACHINING MAY BE REQUIRED)
	Gear Drive Set	<b>48400</b>	1977-1979 NOISY - INCLUDES 8620 CARBURIZED STEEL GEARS, ROLLER CAM BUTTON, LOCK PLATE AND BOLTS. TIMING ADJUSTED WITH 5 OPTIONAL COLOR CODED DOWEL PIN HOLE INSERTS. RECOMMENDED FOR STREET AND STRIP, CLAIMER AND RACING ENGINES UP TO 6,500 RPM.
		<b>48400Q</b>	1977-1979 QUIET - INCLUDES 8620 CARBURIZED STEEL GEARS, ROLLER CAM BUTTON, LOCK PLATE AND BOLTS. TIMING ADJUSTED WITH 5 OPTIONAL COLOR CODED DOWEL PIN HOLE INSERTS. RECOMMENDED FOR STREET AND STRIP, CLAIMER AND RACING ENGINES UP TO 6,500 RPM.
	3pc Set	<b>48500T-9</b>	1977-1979 RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD AND CLAIMER ENGINES. INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4°/-4° CAM ADJUSTMENT. PRESS FIT ROLLER THRUST BEARINGS.
		<b>48500W-9</b>	1977-1979 RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD AND CLAIMER ENGINES. INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4°/-4° CAM ADJUSTMENT. BRONZE WASHER
	Oil Pump	<b>M-22FHV</b>	HI VOL PUMP (20% ADDL VOL OF OIL) NOTE: THIS HI VOL PUMP IS MANUFACTURED W/BOLT ON TYPE FLANGE AND A CHAMFERED HOLE. EITHER A BOLT ON OR PRESS IN SCREEN CAN BE USED.

**PERFORMANCE - OLDSMOBILE (Continued)**

<b>Line No.</b>	<b>Part Title</b>	<b>Part No.</b>	<b>Description</b>				
<b>6</b>	<b>400 ENG - 1965-69 - 8 Cyl. - 4.000 Bore</b>						
	<b>Torque Camshaft</b>	<b>MTO-1</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
	HYD. IMPROVES LOW-MID. PERF. CHECK FOR COIL BIND. USE [VS-720] SPRING W/ INSTALLED HGT. OF 1.67. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1200-4700.		Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
			204 214	280 289	.449 .473	106 118	112
	<b>Camshafts Using Hydraulic Flat Tappet Lifters</b>	<b>25211</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
	1967-1969 CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5200.		Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
			214 224	289 300	.473 .497	106 118	112
	1967-1969 DURATION AT .50 INTAKE 244 CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3200-6700.	<b>25309</b>	244 244	314 314	0.475 0.475	110 110	110
	1967-1969 DURATION AT .50 INTAKE 232 CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2650-6200.	<b>25310</b>	232 232	329 329	.474 .474	112 114	113
	<b>Mell Lube</b>	<b>M-10012</b>	ENGINE ASSEMBLY LUBRICANT				
	<b>Torque Cam Lifter Kit</b>	<b>CL-MTO-1</b>	CLASS I HYD. NOT COMPUTER COMPATIBLE. IMPROVES LOW-MID PERF. USE [VS-720]. NOT CALIFORNIA COMPLIANT. KIT INCLUDES 1-[MTO-1] CAM, 16-[JB-951] LIFTERS & 4OZ MELL LUBE. CHECK FOR COIL BIND. USE [VS-720] SPRING W/INSTALLED HGT. OF 1.67				
	<b>Hydraulic Flat Tappet Lifters</b>	<b>299514</b>	EXCLUDES 1966-67				
	<b>Valve Locks</b>	<b>476104</b>	11/32 inch STEM				
	<b>Valve Spring with Hydraulic Lifters</b>	<b>466124</b>	INNER - USE WITH [25211], [25309], [MTO-1], [25310] CAMS - MACHING MAY BE REQUIRED				
		<b>466134</b>	OUTER - USE WITH [25211], [25309], [MTO-1], [25310] CAMS - MACHING MAY BE REQUIRED				
	<b>Valve Spring Retainers</b>	<b>475054</b>	CHROME MOLY - USE WITH [466134] SPRINGS				
	<b>Valve Springs</b>	<b>VS-720</b>	USE W/ [MTO-1] CAMSHAFT (MACHINING MAY BE REQUIRED)				
	<b>Chrome Moly Push Rods</b>	<b>500564</b>	1968-1969 HEAT TREATED MAX. SPRING PRESSURE 350 LBS.				
	<b>3pc Set</b>	<b>40409</b>	INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET				
	<b>Oil Pump</b>	<b>M-22FHV</b>	HI VOL PUMP (20% ADDL VOL OF OIL) NOTE: THIS HI VOL PUMP IS MANUFACTURED W/BOLT ON TYPE FLANGE AND A CHAMFERED HOLE. EITHER A BOLT ON OR PRESS IN SCREEN CAN BE USED.				

**PERFORMANCE - OLDSMOBILE (Continued)**

Line No.	Part Title	Part No.	Description				
<b>7</b>	<b>403 ENG - 1977-79 - 8 Cyl. - 4.350 Bore</b>						
	<b>Torque Camshaft</b>	<b>MTO-1</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
	HYD. IMPROVES LOW-MID. PERF. CHECK FOR COIL BIND. USE [VS-720] SPRING W/ INSTALLED HGT. OF 1.67. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1200-4700.		Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
			204 214	280 289	.449 .473	106 118	112
	<b>Camshafts Using Hydraulic Flat Tappet Lifters</b>	<b>25211</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
	CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5200.		Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
			214 224	289 300	.473 .497	106 118	112
	DURATION AT .50 INTAKE 244 CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3200-6700.	<b>25309</b>	244 244	314 314	0.475 0.475	110 110	110
	DURATION AT .50 INTAKE 232 CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2650-6200.	<b>25310</b>	232 232	329 329	.474 .474	112 114	113
	<b>Mell Lube</b>	<b>M-10012</b>	ENGINE ASSEMBLY LUBRICANT				
	<b>Torque Cam Lifter Kit</b>	<b>CL-MTO-1</b>	CLASS I HYD. NOT COMPUTER COMPATIBLE. IMPROVES LOW-MID PERF. USE [VS-720]. NOT CALIFORNIA COMPLIANT. KIT INCLUDES 1-[MTO-1] CAM, 16-[JB-951] LIFTERS & 4OZ MELL LUBE. CHECK FOR COIL BIND. USE [VS-720] SPRING W/INSTALLED HGT. OF 1.67				
	<b>Hydraulic Flat Tappet Lifters</b>	<b>299514</b>					
	<b>Valve Locks</b>	<b>476104</b>	11/32" STEM				
	<b>Valve Spring with Hydraulic Lifters</b>	<b>466124</b>	INNER - USE WITH [25211], [25309], [MTO-1], [25310] CAMS - MACHING MAY BE REQUIRED				
		<b>466134</b>	OUTER - USE WITH [25211], [25309], [MTO-1], [25310] CAMS - MACHING MAY BE REQUIRED				
	<b>Valve Spring Retainers</b>	<b>475054</b>	CHROME MOLY - USE WITH [466134] SPRINGS				
	<b>Valve Springs</b>	<b>VS-720</b>	USE W/ [MTO-1] CAMSHAFT (MACHINING MAY BE REQUIRED)				
	<b>3pc Set</b>	<b>40409</b>	INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET				
	<b>Oil Pump</b>	<b>M-22FHV</b>	HI VOL PUMP (20% ADDL VOL OF OIL) NOTE: THIS HI VOL PUMP IS MANUFACTURED W/BOLT ON TYPE FLANGE AND A CHAMFERED HOLE. EITHER A BOLT ON OR PRESS IN SCREEN CAN BE USED.				

**PERFORMANCE - OLDSMOBILE (Continued)**

<b>Line No.</b>	<b>Part Title</b>	<b>Part No.</b>	<b>Description</b>				
<b>8</b>	<b>425 ENG - 1965-67 - 8 Cyl. - 4.125 Bore</b>						
	<b>Torque Camshaft</b>	<b>MTO-1</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
	1967-1967 HYD. IMPROVES LOW-MID. PERF. CHECK FOR COIL BIND. USE [VS-720] SPRING W/INSTALLED HGT. OF 1.67. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1200-4700.		Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
			204 214	280 289	.449 .473	106 118	112
	<b>Camshafts Using Hydraulic Flat Tappet Lifters</b>	<b>25211</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
	1967-1967 CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5200.		Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
			214 224	289 300	.473 .497	106 118	112
	1967-1967 DURATION AT .50 INTAKE 244 CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3200-6700.	<b>25309</b>	244 244	314 314	0.475 0.475	110 110	110
	1967-1967 DURATION AT .50 INTAKE 232 CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2650-6200.	<b>25310</b>	232 232	329 329	.474 .474	112 114	113
	<b>Mell Lube</b>	<b>M-10012</b>	ENGINE ASSEMBLY LUBRICANT				
	<b>Torque Cam Lifter Kit</b>	<b>CL-MTO-1</b>	1967-1967 CLASS I HYD. NOT COMPUTER COMPATIBLE. IMPROVES LOW-MID PERF. USE [VS-720]. NOT CALIFORNIA COMPLIANT. KIT INCLUDES 1-[MTO-1] CAM, 16-[JB-951] LIFTERS & 4OZ MELL LUBE. CHECK FOR COIL BIND. USE [VS-720] SPRING W/ INSTALLED HGT. OF 1.67				
	<b>Valve Locks</b>	<b>476104</b>	11/32" STEM				
	<b>Valve Spring with Hydraulic Lifters</b>	<b>466124</b>	INNER - USE WITH [25211], [25309], [MTO-1], [25310] CAMS - MACHING MAY BE REQUIRED				
		<b>466134</b>	OUTER - USE WITH [25211], [25309], [MTO-1], [25310] CAMS - MACHING MAY BE REQUIRED				
	<b>Valve Spring Retainers</b>	<b>475054</b>	CHROME MOLY - USE WITH [466134] SPRINGS				
	<b>Valve Springs</b>	<b>VS-720</b>	USE W/ [MTO-1] CAMSHAFT (MACHINING MAY BE REQUIRED)				
	<b>3pc Set</b>	<b>40409</b>	INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET				
	<b>Oil Pump</b>	<b>M-22FHV</b>	HI VOL PUMP (20% ADDL VOL OF OIL) NOTE: THIS HI VOL PUMP IS MANUFACTURED W/BOLT ON TYPE FLANGE AND A CHAMFERED HOLE. EITHER A BOLT ON OR PRESS IN SCREEN CAN BE USED.				

**PERFORMANCE - OLDSMOBILE (Continued)**

Line No.	Part Title	Part No.	Description				
<b>9</b>	<b>455 ENG - 1968-76 - 8 Cyl. - 4.125 Bore</b>						
	<b>Torque Camshaft</b>	<b>MTO-1</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
	HYD. IMPROVES LOW-MID. PERF. CHECK FOR COIL BIND. USE [VS-720] SPRING W/ INSTALLED HGT. OF 1.67. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1200-4700.		Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
			204 214	280 289	.449 .473	106 118	112
	<b>Camshafts Using Hydraulic Flat Tappet Lifters</b>	<b>25211</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
	CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5200.		Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
			214 224	289 300	.473 .497	106 118	112
	DURATION AT .50 INTAKE 244 CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3200-6700.	<b>25309</b>	244 244	314 314	0.475 0.475	110 110	110
	DURATION AT .50 INTAKE 232 CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2650-6200.	<b>25310</b>	232 232	329 329	.474 .474	112 114	113
	<b>Mell Lube</b>	<b>M-10012</b>	ENGINE ASSEMBLY LUBRICANT				
	<b>Torque Cam Lifter Kit</b>	<b>CL-MTO-1</b>	CLASS I HYD. NOT COMPUTER COMPATIBLE. IMPROVES LOW-MID PERF. USE [VS-720]. NOT CALIFORNIA COMPLIANT. KIT INCLUDES 1-[MTO-1] CAM, 16-[JB-951] LIFTERS & 4OZ MELL LUBE. CHECK FOR COIL BIND. USE [VS-720] SPRING W/INSTALLED HGT. OF 1.67				
	<b>Hydraulic Flat Tappet Lifters</b>	<b>299514</b>					
	<b>Valve Locks</b>	<b>476104</b>	11/32" STEM				
	<b>Valve Spring with Hydraulic Lifters</b>	<b>466124</b>	INNER - USE WITH [25211], [25309], [MTO-1], [25310] CAMS - MACHING MAY BE REQUIRED				
		<b>466134</b>	OUTER - USE WITH [25211], [25309], [MTO-1], [25310] CAMS - MACHING MAY BE REQUIRED				
	<b>Valve Spring Retainers</b>	<b>475054</b>	CHROME MOLY - USE WITH [466134] SPRINGS				
	<b>Valve Springs</b>	<b>VS-720</b>	USE W/ [MTO-1] CAMSHAFT (MACHINING MAY BE REQUIRED)				
	<b>Chrome Moly Push Rods</b>	<b>500564</b>	HEAT TREATED MAX. SPRING PRESSURE 350 LBS.				
	<b>3pc Set</b>	<b>40409</b>	INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET				
	<b>Oil Pump</b>	<b>M-22FHV</b>	HI VOL PUMP (20% ADDL VOL OF OIL) NOTE: THIS HI VOL PUMP IS MANUFACTURED W/BOLT ON TYPE FLANGE AND A CHAMFERED HOLE. EITHER A BOLT ON OR PRESS IN SCREEN CAN BE USED.				



Line No.	Part Title	Part No.	Description
<b>1</b>	<b>3.8-K (229) ENG - 1980-81 - 6 Cyl. - 3.736 Bore</b>		
	Mell Lube	M-10012	ENGINE ASSEMBLY LUBRICANT
	3pc Set	48500T-9	RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD AND CLAIMER ENGINES. INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4°/-4° CAM ADJUSTMENT. PRESS FIT ROLLER THRUST BEARINGS.
		48500W-9	RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD AND CLAIMER ENGINES. INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4°/-4° CAM ADJUSTMENT. BRONZE WASHER
<b>2</b>	<b>4.3-Z (262) ENG - 1985 - 6 Cyl. - 4.00 Bore</b>		
	Mell Lube	M-10012	ENGINE ASSEMBLY LUBRICANT
	3pc Set	48500T-9	RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD AND CLAIMER ENGINES. INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4°/-4° CAM ADJUSTMENT. PRESS FIT ROLLER THRUST BEARINGS.
		48500W-9	RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD AND CLAIMER ENGINES. INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4°/-4° CAM ADJUSTMENT. BRONZE WASHER
<b>3</b>	<b>4.4-J (267) ENG - 1981-82 - 8 Cyl. - 3.50 Bore</b>		
	Mell Lube	M-10012	ENGINE ASSEMBLY LUBRICANT
	3pc Set	48500T-9	RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD AND CLAIMER ENGINES. INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4°/-4° CAM ADJUSTMENT. PRESS FIT ROLLER THRUST BEARINGS.
		48500W-9	RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD AND CLAIMER ENGINES. INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4°/-4° CAM ADJUSTMENT. BRONZE WASHER

**PERFORMANCE - PONTIAC (Continued)**

Line No.	Part Title	Part No.	Description				
<b>4</b>	<b>301 ENG - 1977-81 - 8 Cyl. - 4.000 Bore</b>						
	<b>Torque Camshaft</b>		Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
		<b>MTP-1</b>	Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
	HYD. IMPROVES LOW-MID. PERF. CHECK FOR COIL BIND. USE [VS-310] INNER SPRING W/ INSTALLED HGT. OF 1.57 & [VS-450] OUTER SPRING W/ INSTALLED HGT. OF 1.59. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1200-4700.		204 214	278 288	.421 .443	108 116	112
	<b>Camshafts Using Hydraulic Flat Tappet Lifters</b>		Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
		<b>26204</b>	Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
	DURATION AT .50 INT. 214 CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5200.		214 224	288 298	.443 .466	108 116	112
	DURATION AT .50 INT. 224 CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3200-6700.	<b>26303</b>	224 236	298 310	.407 .407	112 119	115
	DURATION AT .50 INT. 231 CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2650-6200.	<b>26308</b>	231 240	304 316	.470 .470	112 115	113
	<b>Mell Lube</b>	<b>M-10012</b>	ENGINE ASSEMBLY LUBRICANT				
	<b>Torque Cam Lifter Kit</b>	<b>CL-MTP-1</b>	CLASS I HYD. NOT COMPUTER COMPATIBLE. IMPROVES LOW-MID PERF. BIND. USE [VS-310] INNER SPRING W/INSTALLED HGT. OF 1.57 & [VS-450] OUTER SPRING W/INSTALLED HGT. OF 1.59. NOT CALIFORNIA COMPLIANT. KIT INCLUDES 1-[MTP-1] CAM, 16-[JB-951] LIFTERS & 4OZ MELL LUBE. CHECK FOR COIL BIND. USE [VS-310] INNER SPRING W/INSTALLED HGT. OF 1.57 & [VS-450] OUTER SPRING W/INSTALLED HGT. OF 1.59.				
	<b>Hydraulic Flat Tappet Lifters</b>	<b>299694</b>	USE FACTORY SETTING				
		<b>299704</b>	ANTI-PUMP UP, SET AT ZERO LASH; MUST BE USED W/ ADJUSTABLE VALVE TRAIN				
	<b>Valve Locks</b>	<b>476104</b>					
	<b>Valve Spring with Hydraulic Lifters</b>	<b>VS-310</b>	USE W/ [MTP-1] CAMSHAFT; INNER SPRING (MACHINING MAY BE REQUIRED)				
		<b>VS-450</b>	USE W/ [MTP-1] CAMSHAFT; OUTER SPRING (MACHINING MAY BE REQUIRED)				
	<b>Valve Spring Retainers</b>	<b>475054</b>	CHROME MOLY				
	<b>Rocker Arms</b>	<b>498464</b>					
	<i>Continued on Next Page</i>						

**PERFORMANCE - PONTIAC (Continued)**

Line No.	Part Title	Part No.	Description				
<b>4</b>	<b>301 ENG - 1977-81 - 8 Cyl. - 4.000 Bore</b>						
	Oil Pump	10540	HI PRESSURE PUMP - INCLUDES SCREEN STANDARD VOLUME. STANDARD PRESSURE. STANDARD SHAFT SUPPORT. PROTECTIVE COATING. SCREW IN VALVE. INCLUDES 3/4" DIAMETER SCREEN.				
		10541	HI PRESSURE PUMP (30% MORE PRESSURE THAN 10540) INCLUDES SCREEN STANDARD VOLUME. HIGH PRESSURE 30%. STANDARD SHAFT SUPPORT. PROTECTIVE COATING. SCREW IN VALVE. INCLUDES 3/4" DIAMETER SCREEN.				
<b>5</b>	<b>5.0 (305) ENG - 1977-87 - 8 Cyl. - 3.736 Bore</b>						
	Mell Lube	M-10012	ENGINE ASSEMBLY LUBRICANT				
	3pc Set	48500T-9	RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD AND CLAIMER ENGINES. INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4°/-4° CAM ADJUSTMENT. PRESS FIT ROLLER THRUST BEARINGS.				
		48500W-9	RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD AND CLAIMER ENGINES. INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4°/-4° CAM ADJUSTMENT. BRONZE WASHER				
<b>6</b>	<b>5.0 (307) ENG - 1971-72 - 8 Cyl. - 3 7/8 Bore</b>						
	Mell Lube	M-10012	ENGINE ASSEMBLY LUBRICANT				
	3pc Set	48500T-9	RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD AND CLAIMER ENGINES. INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4°/-4° CAM ADJUSTMENT. PRESS FIT ROLLER THRUST BEARINGS.				
		48500W-9	RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD AND CLAIMER ENGINES. INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4°/-4° CAM ADJUSTMENT. BRONZE WASHER				
<b>7</b>	<b>326 ENG - 1963-73 - 8 Cyl. - 3.719 Bore</b>						
	Torque Camshaft	MTP-1	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
	HYD. IMPROVES LOW-MID. PERF. CHECK FOR COIL BIND. USE [VS-310] INNER SPRING W/ INSTALLED HGT. OF 1.57 & [VS-450] OUTER SPRING W/ INSTALLED HGT. OF 1.59. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1200-4700.		Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
			204 214	278 288	.421 .443	108 116	112
	<i>Continued on Next Page</i>						

**PERFORMANCE - PONTIAC (Continued)**

Line No.	Part Title	Part No.	Description				
<b>7</b>	<b>326 ENG - 1963-73 - 8 Cyl. - 3.719 Bore</b>						
	<b>Camshafts Using Hydraulic Flat Tappet Lifters</b>  DURATION AT .50 INT. 214 CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5200.	<b>26204</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
Int. Exh.			Int. Exh.	Int. Exh.	Int. Exh.		
214 224			288 298	.443 .466	108 116	112	
	DURATION AT .50 INT. 224 CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3200-6700.	<b>26303</b>	224 236	298 310	.407 .407	112 119	115
	DURATION AT .50 INT. 231 CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2650-6200.	<b>26308</b>	231 240	304 316	.470 .470	112 115	113
	<b>Mell Lube</b>	<b>M-10012</b>	ENGINE ASSEMBLY LUBRICANT				
	<b>Torque Cam Lifter Kit</b>	<b>CL-MTP-1</b>	CLASS I HYD. NOT COMPUTER COMPATIBLE. IMPROVES LOW-MID PERF. USE [VS-310] INNER SPRING W/ INSTALLED HGT. OF 1.57 7 [VS-450] OUTER SPRING W/ INSTALLED HGT. OF 1.59 LIFT. NOT CALIFORNIA COMPLIANT. KIT INCLUDES 1-[MTP-1] CAM, 16-[JB-951] LIFTERS & 4OZ MELL LUBE. CHECK FOR COIL BIND. USE [VS-310] INNER SPRING W/ INSTALLED HGT. OF 1.57 & [VS-450] OUTER SPRING W/ INSTALLED HGT. OF 1.59.				
	<b>Hydraulic Flat Tappet Lifters</b>	<b>299514</b>					
	<b>Valve Locks</b>	<b>476104</b>					
	<b>Valve Spring with Hydraulic Lifters</b>	<b>VS-310</b>	USE W/ [MTP-1] CAMSHAFT; INNER SPRING (MACHINING MAY BE REQUIRED)				
		<b>VS-450</b>	USE W/ [MTP-1] CAMSHAFT; OUTER SPRING (MACHINING MAY BE REQUIRED)				
	<b>Valve Spring Retainers</b>	<b>475054</b>	CHROME MOLY				
	<b>Rocker Arms</b>	<b>498464</b>					
	<b>Chrome Moly Push Rods</b>	<b>500574</b>	HEAT TREATED MAX. SPRING PRESSURE 350 LBS.				
	<b>3pc Set</b>	<b>40408</b>	INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET				
	<b>Oil Pump</b>	<b>10540</b>	HI PRESSURE PUMP - INCLUDES SCREEN STANDARD VOLUME. STANDARD PRESSURE. STANDARD SHAFT SUPPORT. PROTECTIVE COATING. SCREW IN VALVE. INCLUDES 3/4" DIAMETER SCREEN.				
		<b>10541</b>	HI PRESSURE PUMP (30% MORE PRESSURE THAN 10540) INCLUDES SCREEN STANDARD VOLUME. HIGH PRESSURE 30%. STANDARD SHAFT SUPPORT. PROTECTIVE COATING. SCREW IN VALVE. INCLUDES 3/ 4" DIAMETER SCREEN.				

**PERFORMANCE - PONTIAC (Continued)**

Line No.	Part Title	Part No.	Description				
<b>8</b>	<b>350 ENG - 1968-76 - 8 Cyl. - 3.875 Bore</b>						
	<b>Torque Camshaft</b>	<b>MTP-1</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
	HYD. IMPROVES LOW-MID. PERF. CHECK FOR COIL BIND. USE [VS-310] INNER SPRING W/ INSTALLED HGT. OF 1.57 & [VS-450] OUTER SPRING W/ INSTALLED HGT. OF 1.59. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1200-4700.		Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
			204 214	278 288	.421 .443	108 116	112
	<b>Camshafts Using Hydraulic Flat Tappet Lifters</b>	<b>26204</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
	DURATION AT .50 INT. 214 CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5200.		Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
			214 224	288 298	.443 .466	108 116	112
	DURATION AT .50 INT. 224 CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3200-6700.	<b>26303</b>	224 236	298 310	.407 .407	112 119	115
	DURATION AT .50 INT. 231 CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2650-6200.	<b>26308</b>	231 240	304 316	.470 .470	112 115	113
	<b>Mell Lube</b>	<b>M-10012</b>	ENGINE ASSEMBLY LUBRICANT				
	<b>Torque Cam Lifter Kit</b>	<b>CL-MTP-1</b>	CLASS I HYD. NOT COMPUTER COMPATIBLE. IMPROVES LOW-MID PERF. USE [VS-310] INNER SPRING W/ INSTALLED HGT. OF 1.57 & [VS-450] OUTER SPRING W/ INSTALLED HGT. OF 1.59 LIFT. NOT CALIFORNIA COMPLIANT. KIT INCLUDES 1-[MTP-1] CAM, 16-[JB-951] LIFTERS & 4OZ MELL LUBE. CHECK FOR COIL BIND. USE [VS-310] INNER SPRING W/ INSTALLED HGT. OF 1.57 & [VS-450] OUTER SPRING W/ INSTALLED HGT. OF 1.59.				
	<b>Hydraulic Flat Tappet Lifters</b>	<b>299514</b>					
	<b>Valve Locks</b>	<b>476104</b>					
	<b>Valve Spring with Hydraulic Lifters</b>	<b>VS-310</b>	USE W/ [MTP-1] CAMSHAFT; INNER SPRING (MACHINING MAY BE REQUIRED)				
		<b>VS-450</b>	USE W/ [MTP-1] CAMSHAFT; OUTER SPRING (MACHINING MAY BE REQUIRED)				
	<b>Valve Spring Retainers</b>	<b>475054</b>	CHROME MOLY				
	<b>Rocker Arms</b>	<b>498464</b>					
	<b>Chrome Moly Push Rods</b>	<b>500274</b>	HEAT TREATED MAX. SPRING PRESSURE 350 LBS.				
	<b>3pc Set</b>	<b>40408</b>	INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET				
	<i>Continued on Next Page</i>						

**PERFORMANCE - PONTIAC (Continued)**

Line No.	Part Title	Part No.	Description				
<b>8</b>	<b>350 ENG - 1968-76 - 8 Cyl. - 3.875 Bore</b>						
	<b>Oil Pump</b>	<b>10540</b>	HI PRESSURE PUMP - INCLUDES SCREEN STANDARD VOLUME. STANDARD PRESSURE. STANDARD SHAFT SUPPORT. PROTECTIVE COATING. SCREW IN VALVE. INCLUDES 3/4" DIAMETER SCREEN.				
		<b>10541</b>	HI PRESSURE PUMP (30% MORE PRESSURE THAN 10540) INCLUDES SCREEN STANDARD VOLUME. HIGH PRESSURE 30%. STANDARD SHAFT SUPPORT. PROTECTIVE COATING. SCREW IN VALVE. INCLUDES 3/4" DIAMETER SCREEN.				
<b>9</b>	<b>350-P ENG - 1977 - 8 Cyl. - 3.875 Bore</b>						
	<b>Torque Camshaft</b>	<b>MTP-1</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
	HYD. IMPROVES LOW-MID. PERF. CHECK FOR COIL BIND. USE [VS-310] INNER SPRING W/ INSTALLED HGT. OF 1.57 & [VS-450] OUTER SPRING W/ INSTALLED HGT. OF 1.59. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1200-4700.		Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
			204 214	278 288	.421 .443	108 116	112
	<b>Camshafts Using Hydraulic Flat Tappet Lifters</b>	<b>26204</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
	DURATION AT .50 INT. 214 CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5200.		Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
			214 224	288 298	.443 .466	108 116	112
	DURATION AT .50 INT. 224 CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3200-6700.	<b>26303</b>	224 236	298 310	.407 .407	112 119	115
	DURATION AT .50 INT. 231 CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2650-6200.	<b>26308</b>	231 240	304 316	.470 .470	112 115	113
	<b>Mell Lube</b>	<b>M-10012</b>	ENGINE ASSEMBLY LUBRICANT				
	<b>Torque Cam Lifter Kit</b>	<b>CL-MTP-1</b>	CLASS I HYD. NOT COMPUTER COMPATIBLE. IMPROVES LOW-MID PERF. USE [VS-310] INNER SPRING W/ INSTALLED HGT. OF 1.57 & [VS-450] OUTER SPRING W/ INSTALLED HGT. OF 1.59 LIFT. NOT CALIFORNIA COMPLIANT. KIT INCLUDES 1-[MTP-1] CAM, 16-[JB-951] LIFTERS & 4OZ MELL LUBE. CHECK FOR COIL BIND. USE [VS-310] INNER SPRING W/ INSTALLED HGT. OF 1.57 & [VS-450] OUTER SPRING W/ INSTALLED HGT. OF 1.59.				
	<b>Hydraulic Flat Tappet Lifters</b>	<b>299514</b>					
	<b>Valve Locks</b>	<b>476104</b>					
	<i>Continued on Next Page</i>						

**PERFORMANCE - PONTIAC (Continued)**

Line No.	Part Title	Part No.	Description				
<b>9</b>	<b>350-P ENG - 1977 - 8 Cyl. - 3.875 Bore</b>						
	Valve Spring with Hydraulic Lifters	VS-310	USE W/ [MTP-1] CAMSHAFT; INNER SPRING (MACHINING MAY BE REQUIRED)				
		VS-450	USE W/ [MTP-1] CAMSHAFT; OUTER SPRING (MACHINING MAY BE REQUIRED)				
	Valve Spring Retainers	475054	CHROME MOLY				
	Rocker Arms	498464					
	Chrome Moly Push Rods	500274	HEAT TREATED MAX. SPRING PRESSURE 350 LBS.				
	3pc Set	40408	INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET				
	Oil Pump	10540	HI PRESSURE PUMP - INCLUDES SCREEN STANDARD VOLUME. STANDARD PRESSURE. STANDARD SHAFT SUPPORT. PROTECTIVE COATING. SCREW IN VALVE. INCLUDES 3/4" DIAMETER SCREEN.				
		10541	HI PRESSURE PUMP (30% MORE PRESSURE THAN 10540) INCLUDES SCREEN STANDARD VOLUME. HIGH PRESSURE 30%. STANDARD SHAFT SUPPORT. PROTECTIVE COATING. SCREW IN VALVE. INCLUDES 3/4" DIAMETER SCREEN.				
<b>10</b>	<b>5.7-L (350) ENG - 1977-79 - 8 Cyl. - 3.875 Bore</b>						
	Mell Lube	M-10012	ENGINE ASSEMBLY LUBRICANT				
	3pc Set	48500T-9	RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD AND CLAIMER ENGINES. INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4°/-4° CAM ADJUSTMENT. PRESS FIT ROLLER THRUST BEARINGS.				
		48500W-9	RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD AND CLAIMER ENGINES. INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4°/-4° CAM ADJUSTMENT. BRONZE WASHER				
<b>11</b>	<b>5.7-G (350) OHV ENG - 1998-02 - 8 Cyl. - 3.90 Bore</b>						
	Camshafts Using Hydraulic Roller Lifters	22201	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
	CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATABLE. POWER RANGE 2000-5000.		Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
			223 223	291 291	.566 .566	110 118	114
	Mell Lube	M-10012	ENGINE ASSEMBLY LUBRICANT				
	Valve Spring Retainers	475234	CHROME MOLY				
	Oil Pump	10295	STANDARD VOLUME. HI PRESSURE 10%. PROTECTIVE COATING. SCREW IN VALVE. USES 7/8" BOLT ON SCREEN.				
		10296	HI VOLUME 18%. PROTECTIVE COATING. SCREW IN VALVE. USES 7/8" BOLT ON SCREEN. INCLUDES OPTIONAL HI PRESSURE SPRING.				
<b>12</b>	<b>6.0-U (364) OHV ENG - 2005-08 - 8 Cyl. - 4.00 Bore</b>						
	Mell Lube	M-10012	ENGINE ASSEMBLY LUBRICANT				
	<i>Continued on Next Page</i>						

**PERFORMANCE - PONTIAC (Continued)**

Line No.	Part Title	Part No.	Description				
<b>12</b>	<b>6.0-U (364) OHV ENG - 2005-08 - 8 Cyl. - 4.00 Bore</b>						
	<b>Oil Pump</b>	<b>10295</b>	2005-2006 STANDARD VOLUME. HI PRESSURE 10%. PROTECTIVE COATING. SCREW IN VALVE. USES 7/8" BOLT ON SCREEN.				
		<b>10296</b>	2005-2006 HI VOLUME 18%. PROTECTIVE COATING. SCREW IN VALVE. USES 7/8" BOLT ON SCREEN. INCLUDES OPTIONAL HI PRESSURE SPRING.				
<b>13</b>	<b>389 ENG - 1959-66 - 8 Cyl. - 4.062 Bore</b>						
	<b>Torque Camshaft</b>	<b>MTP-1</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
	HYD. IMPROVES LOW-MID. PERF. CHECK FOR COIL BIND. USE [VS-310] INNER SPRING W/ INSTALLED HGT. OF 1.57 & [VS-450] OUTER SPRING W/ INSTALLED HGT. OF 1.59. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1200-4700.		Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
			204 214	278 288	.421 .443	108 116	112
	<b>Camshafts Using Hydraulic Flat Tappet Lifters</b>	<b>26204</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
	DURATION AT .50 INT. 214 CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5200.		Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
			214 224	288 298	.443 .466	108 116	112
	DURATION AT .50 INTAKE 224 CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3200-6700.	<b>26303</b>	224 236	298 310	.407 .407	112 119	115
	DURATION AT .50 INT. 231 CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2650-6200.	<b>26308</b>	231 240	304 316	.470 .470	112 115	113
	<b>Mell Lube</b>	<b>M-10012</b>	ENGINE ASSEMBLY LUBRICANT				
	<b>Torque Cam Lifter Kit</b>	<b>CL-MTP-1</b>	CLASS I HYD. NOT COMPUTER COMPATIBLE. IMPROVES LOW-MID PERF. USE [VS-310] INNER SPRING W/ INSTALLED HGT. OF 1.57 & [VS-450] OUTER SPRING W/ INSTALLED HGT. OF 1.59 LIFT. NOT CALIFORNIA COMPLIANT. KIT INCLUDES 1-[MTP-1] CAM, 16-[JB-951] LIFTERS & 4OZ MELL LUBE. CHECK FOR COIL BIND. USE [VS-310] INNER SPRING W/ INSTALLED HGT. OF 1.57 & [VS-450] OUTER SPRING W/ INSTALLED HGT. OF 1.59.				
	<b>Hydraulic Flat Tappet Lifters</b>	<b>299514</b>					
	<b>Valve Locks</b>	<b>476104</b>					
	<b>Valve Spring with Hydraulic Lifters</b>	<b>VS-310</b>	USE W/ [MTP-1] CAMSHAFT; INNER SPRING (MACHINING MAY BE REQUIRED)				
	<i>Continued on Next Page</i>						



**PERFORMANCE - PONTIAC (Continued)**

Line No.	Part Title	Part No.	Description					
<b>13</b>	<b>389 ENG - 1959-66 - 8 Cyl. - 4.062 Bore</b>							
	Valve Spring with Hydraulic Lifters	VS-450	USE W/ [MTP-1] CAMSHAFT; OUTER SPRING (MACHINING MAY BE REQUIRED)					
	Valve Spring Retainers	475054	CHROME MOLY					
	Rocker Arms	498464						
	Chrome Moly Push Rods	500574	HEAT TREATED MAX. SPRING PRESSURE 350 LBS.					
	3pc Set	40408	INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET					
	Oil Pump	10540	HI PRESSURE PUMP - INCLUDES SCREEN STANDARD VOLUME. STANDARD PRESSURE. STANDARD SHAFT SUPPORT. PROTECTIVE COATING. SCREW IN VALVE. INCLUDES 3/4" DIAMETER SCREEN.					
	10541	HI PRESSURE PUMP (30% MORE PRESSURE THAN 10540) INCLUDES SCREEN STANDARD VOLUME. HIGH PRESSURE 30%. STANDARD SHAFT SUPPORT. PROTECTIVE COATING. SCREW IN VALVE. INCLUDES 3/4" DIAMETER SCREEN.						
<b>14</b>	<b>400 ENG - 1967-69 - 8 Cyl. - 4.120 Bore</b>							
	Torque Camshaft	MTP-1	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation	
			Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.		
	HYD. IMPROVES LOW-MID. PERF. CHECK FOR COIL BIND. USE [VS-310] INNER SPRING W/ INSTALLED HGT. OF 1.57 & [VS-450] OUTER SPRING W/ INSTALLED HGT. OF 1.59. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1200-4700.	MTP-1		204 214	278 288	.421 .443	108 116	112
	Camshafts Using Hydraulic Flat Tappet Lifters	26204	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation	
			Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.		
	DURATION AT .50 INTAKE 214 CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5200.	26204		214 224	288 298	.443 .466	108 116	112
	DURATION AT .50 INTAKE 224 CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3200-6700.	26303		224 236	298 310	.407 .407	112 119	115
DURATION AT .50 INT. 231 CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2650-6200.	26308		231 240	304 316	.470 .470	112 115	113	
<b>Mell Lube</b>	<b>M-10012</b>	ENGINE ASSEMBLY LUBRICANT						
<i>Continued on Next Page</i>								

**PERFORMANCE - PONTIAC (Continued)**

Line No.	Part Title	Part No.	Description				
<b>14</b>	<b>400 ENG - 1967-69 - 8 Cyl. - 4.120 Bore</b>						
	Torque Cam Lifter Kit	CL-MTP-1	CLASS I HYD. NOT COMPUTER COMPATIBLE. IMPROVES LOW-MID PERF. USE [VS-310] INNER SPRING W/ INSTALLED HGT. OF 1.57 & [VS-450] OUTER SPRING W/ INSTALLED HGT. OF 1.59 LIFT. NOT CALIFORNIA COMPLIANT. KIT INCLUDES 1-[MTP-1] CAM, 16-[JB-951] LIFTERS & 4OZ MELL LUBE. CHECK FOR COIL BIND. USE [VS-310] INNER SPRING W/ INSTALLED HGT. OF 1.57 & [VS-450] OUTER SPRING W/ INSTALLED HGT. OF 1.59.				
	Hydraulic Flat Tappet Lifters	299514					
	Valve Locks	476104					
	Valve Spring with Hydraulic Lifters	VS-310	USE W/ [MTP-1] CAMSHAFT; INNER SPRING (MACHINING MAY BE REQUIRED)				
		VS-450	USE W/ [MTP-1] CAMSHAFT; OUTER SPRING (MACHINING MAY BE REQUIRED)				
	Valve Spring Retainers	475054	CHROME MOLY				
	Rocker Arms	498464					
	Chrome Moly Push Rods	500274	1968-1969 EXCLUDES 1967 MAX. SPRING PRESSURE 350 LBS.				
		500574	1967-1967 WITH 1ST TYPE CYL HEAD WITH PUSH ROD GUIDE PLATE - HEAT TREATED MAX. SPRING PRESSURE 350 LBS.				
	3pc Set	40408	INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET				
	Oil Pump	10540	HI PRESSURE PUMP - INCLUDES SCREEN STANDARD VOLUME. STANDARD PRESSURE. STANDARD SHAFT SUPPORT. PROTECTIVE COATING. SCREW IN VALVE. INCLUDES 3/4" DIAMETER SCREEN.				
		10541	HI PRESSURE PUMP (30% MORE PRESSURE THAN 10540) INCLUDES SCREEN STANDARD VOLUME. HIGH PRESSURE 30%. STANDARD SHAFT SUPPORT. PROTECTIVE COATING. SCREW IN VALVE. INCLUDES 3/4" DIAMETER SCREEN.				
<b>15</b>	<b>421 ENG - 1963-66 - 8 Cyl. - 4.093 Bore</b>						
	Torque Camshaft	MTP-1	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
	HYD. IMPROVES LOW-MID. PERF. CHECK FOR COIL BIND. USE [VS-310] INNER SPRING W/ INSTALLED HGT. OF 1.57 & [VS-450] OUTER SPRING W/ INSTALLED HGT. OF 1.59. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1200-4700.		Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
			204 214	278 288	.421 .443	108 116	112
	<i>Continued on Next Page</i>						

**PERFORMANCE - PONTIAC (Continued)**

Line No.	Part Title	Part No.	Description				
<b>15</b>	<b>421 ENG - 1963-66 - 8 Cyl. - 4.093 Bore</b>						
	<b>Camshafts Using Hydraulic Flat Tappet Lifters</b>  DURATION AT .50 INTAKE 214 CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5200.	<b>26204</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
Int. Exh.			Int. Exh.	Int. Exh.	Int. Exh.		
214 224			288 298	.443 .466	108 116	112	
	DURATION AT .50 INTAKE 224 CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3200-6700.	<b>26303</b>	224 236	298 310	.407 .407	112 119	115
	DURATION AT .50 INT. 231 CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2650-6200.	<b>26308</b>	231 240	304 316	.470 .470	112 115	113
	<b>Mell Lube</b>	<b>M-10012</b>	ENGINE ASSEMBLY LUBRICANT				
	<b>Torque Cam Lifter Kit</b>	<b>CL-MTP-1</b>	CLASS I HYD. NOT COMPUTER COMPATIBLE. IMPROVES LOW-MID PERF. USE [VS-310] INNER SPRING W/ INSTALLED HGT. OF 1.57 & [VS-450] OUTER SPRING W/ INSTALLED HGT. OF 1.59 LIFT. NOT CALIFORNIA COMPLIANT. KIT INCLUDES 1-[MTP-1] CAM, 16-[JB-951] LIFTERS & 4OZ MELL LUBE. CHECK FOR COIL BIND. USE [VS-310] INNER SPRING W/ INSTALLED HGT. OF 1.57 & [VS-450] OUTER SPRING W/ INSTALLED HGT. OF 1.59.				
	<b>Hydraulic Flat Tappet Lifters</b>	<b>299514</b>					
	<b>Valve Locks</b>	<b>476104</b>					
	<b>Valve Spring with Hydraulic Lifters</b>	<b>VS-310</b>	USE W/ [MTP-1] CMASHAFT; INNER SPRING (MACHINING MAY BE REQUIRED)				
		<b>VS-450</b>	USE W/ [MTP-1] CAMSHAFT; OUTER SPRING (MACHINING MAY BE REQUIRED)				
	<b>Valve Spring Retainers</b>	<b>475054</b>	CHROME MOLY				
	<b>Rocker Arms</b>	<b>498464</b>					
	<b>Chrome Moly Push Rods</b>	<b>500574</b>	HEAT TREATED MAX. SPRING PRESSURE 350 LBS.				
	<b>3pc Set</b>	<b>40408</b>	INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET				
	<b>Oil Pump</b>	<b>10540</b>	HI PRESSURE PUMP - INCLUDES SCREEN STANDARD VOLUME. STANDARD PRESSURE. STANDARD SHAFT SUPPORT. PROTECTIVE COATING. SCREW IN VALVE. INCLUDES 3/4" DIAMETER SCREEN.				
		<b>10541</b>	HI PRESSURE PUMP (30% MORE PRESSURE THAN 10540) INCLUDES SCREEN STANDARD VOLUME. HIGH PRESSURE 30%. STANDARD SHAFT SUPPORT. PROTECTIVE COATING. SCREW IN VALVE. INCLUDES 3/4" DIAMETER SCREEN.				

**PERFORMANCE - PONTIAC (Continued)**

Line No.	Part Title	Part No.	Description				
<b>16</b>	<b>428 ENG - 1967-69 - 8 Cyl. - 4.120 Bore</b>						
	<b>Torque Camshaft</b>	<b>MTP-1</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
			Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
	HYD. IMPROVES LOW-MID. PERF. CHECK FOR COIL BIND. USE [VS-310] INNER SPRING W/ INSTALLED HGT. OF 1.57 & [VS-450] OUTER SPRING W/ INSTALLED HGT. OF 1.59. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1200-4700.		204 214	278 288	.421 .443	108 116	112
	<b>Camshafts Using Hydraulic Flat Tappet Lifters</b>	<b>26204</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
			Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
	DURATION AT .50 INTAKE 214 CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5200.		214 224	288 298	.443 .466	108 116	112
	DURATION AT .50 INTAKE 224 CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3200-6700.	<b>26303</b>	224 236	298 310	.407 .407	112 119	115
	DURATION AT .50 INT. 231 CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2650-6200.	<b>26308</b>	231 240	304 316	.470 .470	112 115	113
	<b>Mell Lube</b>	<b>M-10012</b>	ENGINE ASSEMBLY LUBRICANT				
	<b>Torque Cam Lifter Kit</b>	<b>CL-MTP-1</b>	CLASS I HYD. NOT COMPUTER COMPATIBLE. IMPROVES LOW-MID PERF. USE [VS-310] INNER SPRING W/ INSTALLED HGT. OF 1.57 & [VS-450] OUTER SPRING W/ INSTALLED HGT. OF 1.59 LIFT. NOT CALIFORNIA COMPLIANT. KIT INCLUDES 1-[MTP-1] CAM, 16-[JB-951] LIFTERS & 4OZ MELL LUBE. CHECK FOR COIL BIND. USE [VS-310] INNER SPRING W/ INSTALLED HGT. OF 1.57 & [VS-450] OUTER SPRING W/ INSTALLED HGT. OF 1.59.				
	<b>Hydraulic Flat Tappet Lifters</b>	<b>299514</b>					
	<b>Valve Locks</b>	<b>476104</b>					
	<b>Valve Spring with Hydraulic Lifters</b>	<b>VS-310</b>	USE W/ [MTP-1] CAMSHAFT; INNER SPRING (MACHINING MAY BE REQUIRED)				
		<b>VS-450</b>	USE W/ [MTP-1] CAMSHAFT; OUTER SPRING (MACHINING MAY BE REQUIRED)				
	<b>Valve Spring Retainers</b>	<b>475054</b>	CHROME MOLY				
	<b>Rocker Arms</b>	<b>498464</b>					
	<b>Chrome Moly Push Rods</b>	<b>500574</b>	HEAT TREATED MAX. SPRING PRESSURE 350 LBS.				
	<b>3pc Set</b>	<b>40408</b>	INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET				
	<i>Continued on Next Page</i>						

**PERFORMANCE - PONTIAC (Continued)**

Line No.	Part Title	Part No.	Description				
<b>16</b>	<b>428 ENG - 1967-69 - 8 Cyl. - 4.120 Bore</b>						
	<b>Oil Pump</b>	<b>10540</b>	HI PRESSURE PUMP - INCLUDES SCREEN STANDARD VOLUME. STANDARD PRESSURE. STANDARD SHAFT SUPPORT. PROTECTIVE COATING. SCREW IN VALVE. INCLUDES 3/4" DIAMETER SCREEN.				
		<b>10541</b>	HI PRESSURE PUMP (30% MORE PRESSURE THAN 10540) INCLUDES SCREEN STANDARD VOLUME. HIGH PRESSURE 30%. STANDARD SHAFT SUPPORT. PROTECTIVE COATING. SCREW IN VALVE. INCLUDES 3/4" DIAMETER SCREEN.				
<b>17</b>	<b>455 ENG - 1970-76 - 8 Cyl. - 4.151 Bore</b>						
	<b>Torque Camshaft</b>	<b>MTP-1</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
	HYD. IMPROVES LOW-MID. PERF. CHECK FOR COIL BIND. USE [VS-310] INNER SPRING W/ INSTALLED HGT. OF 1.57 & [VS-450] OUTER SPRING W/ INSTALLED HGT. OF 1.59. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1200-4700.		Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
			204 214	278 288	.421 .443	108 116	112
	<b>Camshafts Using Hydraulic Flat Tappet Lifters</b>	<b>26204</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
	DURATION AT .50 INTAKE 214 CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5200.		Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
			214 224	288 298	.443 .466	108 116	112
	DURATION AT .50 INTAKE 224 CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3200-6700.	<b>26303</b>	224 236	298 310	.407 .407	112 119	115
	DURATION AT .50 INT. 231 CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2650-6200.	<b>26308</b>	231 240	304 316	.470 .470	112 115	113
	<b>Mell Lube</b>	<b>M-10012</b>	ENGINE ASSEMBLY LUBRICANT				
	<b>Torque Cam Lifter Kit</b>	<b>CL-MTP-1</b>	CLASS I HYD. NOT COMPUTER COMPATIBLE. IMPROVES LOW-MID PERF. USE [VS-310] INNER SPRING W/ INSTALLED HGT. OF 1.57 & [VS-450] OUTER SPRING W/ INSTALLED HGT. OF 1.59 LIFT. NOT CALIFORNIA COMPLIANT. KIT INCLUDES 1-[MTP-1] CAM, 16-[JB-951] LIFTERS & 4OZ MELL LUBE. CHECK FOR COIL BIND. USE [VS-310] INNER SPRING W/ INSTALLED HGT. OF 1.57 & [VS-450] OUTER SPRING W/ INSTALLED HGT. OF 1.59.				
	<b>Hydraulic Flat Tappet Lifters</b>	<b>299514</b>					
	<b>Valve Locks</b>	<b>476104</b>					
	<i>Continued on Next Page</i>						

**PERFORMANCE - PONTIAC (Continued)**

Line No.	Part Title	Part No.	Description
<b>17</b>	<b>455 ENG - 1970-76 - 8 Cyl. - 4.151 Bore</b>		
	<b>Valve Spring with Hydraulic Lifters</b>	<b>VS-310</b>	USE W/ [MTP-1] CAMSHAFT; INNER SPRING (MACHINING MAY BE REQUIRED)
		<b>VS-450</b>	USE W/ [MTP-1] CAMSHAFT; OUTER SPRING (MACHINING MAY BE REQUIRED)
	<b>Valve Spring Retainers</b>	<b>475054</b>	CHROME MOLY
	<b>Rocker Arms</b>	<b>498464</b>	
	<b>Chrome Moly Push Rods</b>	<b>500274</b>	HEAT TREATED MAX. SPRING PRESSURE 350 LBS.
	<b>3pc Set</b>	<b>40408</b>	INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET
	<b>Oil Pump</b>	<b>10540</b>	HI PRESSURE PUMP - INCLUDES SCREEN STANDARD VOLUME. STANDARD PRESSURE. STANDARD SHAFT SUPPORT. PROTECTIVE COATING. SCREW IN VALVE. INCLUDES 3/4" DIAMETER SCREEN.
		<b>10541</b>	HI PRESSURE PUMP (30% MORE PRESSURE THAN 10540) INCLUDES SCREEN STANDARD VOLUME. HIGH PRESSURE 30%. STANDARD SHAFT SUPPORT. PROTECTIVE COATING. SCREW IN VALVE. INCLUDES 3/4" DIAMETER SCREEN.

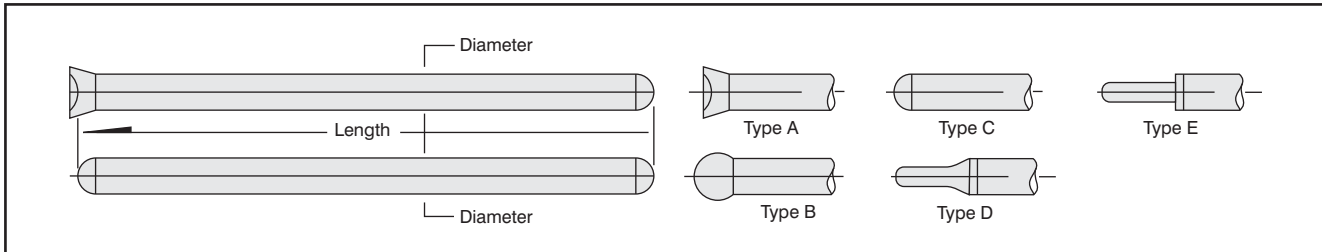
**SPORT COMPACT PERFORMANCE - TOYOTA CARS & TRUCKS**

Line No.	Part Title	Part No.	Description				
<b>1</b>	<b>2189CC 20R OHC ENG - 1975-80 - 4 Cyl. - 88 MM Bore</b>						
	<b>Camshafts Using Mechanical Flat Tappet Lifters</b>  CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1000-4500.	<b>27101</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
			Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
			214 224		.417 .429	105 115	110
	CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2200-5200.	<b>27201</b>	224 234		.429 .441	105 115	110
	<b>Mell Lube</b>	<b>M-10012</b>	ENGINE ASSEMBLY LUBRICANT				
<b>2</b>	<b>2366CC 22R OHC ENG - 1981-90 - 4 Cyl. - 92 MM Bore</b>						
	<b>Camshafts Using Mechanical Flat Tappet Lifters</b>  CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1000-4500.	<b>27101</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
			Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
			214 224		.417 .429	105 115	110
	CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2200-5200.	<b>27201</b>	224 234		.429 .441	105 115	110
	<b>Mell Lube</b>	<b>M-10012</b>	ENGINE ASSEMBLY LUBRICANT				

## SPORT COMPACT PERFORMANCE - TOYOTA CARS &amp; TRUCKS (Continued)

Line No.	Part Title	Part No.	Description				
<b>3</b>	<b>2366CC 22RE OHC ENG - 1989-95 - 4 Cyl. - 92 MM Bore</b>						
	<b>Camshafts Using Mechanical Flat Tappet Lifters</b>  CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1000-4500.	<b>27101</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
			Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
			214 224		.417 .429	105 115	110
	CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2200-5200.	<b>27201</b>	224 234		.429 .441	105 115	110
	<b>Mell Lube</b>	<b>M-10012</b>	ENGINE ASSEMBLY LUBRICANT				
<b>4</b>	<b>2366CC 22REC OHC ENG - 1983-89 - 4 Cyl. - 92 MM Bore</b>						
	<b>Camshafts Using Mechanical Flat Tappet Lifters</b>  CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1000-4500.	<b>27101</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
			Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
			214 224		.417 .429	105 115	110
	CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2200-5200.	<b>27201</b>	224 234		.429 .441	105 115	110
	<b>Mell Lube</b>	<b>M-10012</b>	ENGINE ASSEMBLY LUBRICANT				
<b>5</b>	<b>2366CC 22RTEC OHC ENG - 1985-88 - 4 Cyl. - 92 MM Bore</b>						
	<b>Camshafts Using Mechanical Flat Tappet Lifters</b>  CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1000-4500.	<b>27101</b>	Degrees .050" dur	Degrees ADV. Dur	Inches Valve lift	Degrees Lobe cntr.	Degrees Separation
			Int. Exh.	Int. Exh.	Int. Exh.	Int. Exh.	
			214 224		.417 .429	105 115	110
	CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2200-5200.	<b>27201</b>	224 234		.429 .441	105 115	110
	<b>Mell Lube</b>	<b>M-10012</b>	ENGINE ASSEMBLY LUBRICANT				

## CHROME MOLY PUSH ROD IDENTIFICATION CHART



Part No.	Length (inches)	Diameter (inches)	End Type	Max. Spring Pressure (lbs)
500064	9.175	11/32	A&B	350
500074	10.498	11/32	A&B	350
500094	9.564	5/16	B&B	350
500104	9.594	5/16	B&B	350
(D) 500154 (H)	8.280	3/8	D&D	350
(D) 500164 (H)	9.252	3/8	D&D	350
500174	10.657	3/8	A&C	350
500184	11.585	3/8	A&C	350
500194	9.140	3/8	A&C	350
500204	9.375	5/16	C&D	350
500214	8.635	5/16	C&D	350
(D) 500224	7.342	5/16	A&C	350
(D) 500274 (H)	9.130	5/16	C&C	350
(D) 500294	8.280	7/16	D&D	350
(D) 500304	9.252	7/16	D&D	350
(D) 500314 (H)	7.800	5/16	C&C	350
(D) 500324	8.555	5/16	C&C	350
500334	9.295	5/16	C&C	350
500344	8.555	3/8	A&E	350
500354	9.295	3/8	A&E	350
500364	10.490	3/8	A&E	350
500374	11.457	3/8	A&E	350
500384	8.412	3/8	A&E	350

Part No.	Length (inches)	Diameter (inches)	End Type	Max. Spring Pressure (lbs)
(D) 500394 (H)	8.144	5/16	C&C	350
(D) 500404 (H)	6.886	5/16	C&C	350
(D) 500414 (H)	7.605	5/16	C&C	350
(D) 500424 (H)	8.408	5/16	C&C	350
(D) 500434 (H)	8.492	5/16	C&C	350
(D) 500444 (H)	7.645	5/16	C&C	350
500474	9.025	3/8	A&E	350
(D) 500494 (H)	9.682	5/16	C&C	350
500544	8.750	3/8	A&C	350
500554	8.136	3/8	A&C	350
(D) 500564 (H)	9.547	5/16	C&C	350
(D) 500574 (H)	8.693	5/16	C&C	350
(D) 500584 (H)	6.776	5/16	C&C	350
500594 (H)	7.513	5/16	C&C	350
(D) 500614 (H)	7.894	5/16	C&C	350
(D) 500624	8.680	3/8	D&D	350
(D) 500634	9.652	3/8	D&D	350
(D) 500664 (H)	8.182	5/16	C&C	350
(D) 500674	7.894	3/8	C&C	350
(D) 501004 (H)	7.800	5/16	C&C	500
(D) 501014 (H)	7.900	5/16	C&C	500
(D) 501024 (H)	7.950	5/16	C&C	500
(D) 501034 (H)	8.000	5/16	C&C	500

H = HEAT TREATED FOR USE WITH GUIDE PLATES  
D = DRILLED

## VALVE IDENTIFICATION CHART

Part No.	Head Diameter	Overall Length	Stem Diameter	Seat Angle
451014	1.940	4.880	.341	45°
451024	1.500	4.905	.341	45°
451034	2.020	4.897	.341	45°
451044	1.600	4.881	.372	45°
451054	2.190	5.230	.372	45°
451064	1.725	5.350	.372	45°
451074	2.300	5.230	.372	45°
451084	1.880	5.350	.371	45°
451094	1.880	5.070	.341	45°
451104	1.451	5.070	.341	45°
451114	1.940	5.070	.341	45°
451124	1.600	5.050	.341	45°
451134	2.190	5.231	.341	45°
451144	1.725	5.070	.341	45°
451154	1.780	5.070	.341	45°
451194	2.250	5.280	.341	30°
451204	1.725	5.070	.341	45°



## CHROME MOLY VALVE SPRING RETAINER SPECIFICATION CHART

Part No.	Diameters Outside/Steps	Relative Height (inches)
<b>FOR 11/32" VALVE STEMS</b>		
475304	1.375/1.060/.675	+.015
475044	1.375/1.060/.675	+.120
475054	1.375/1.060/.675	+.070
475074	1.375/1.085/.805	+.125
475114	1.500/1.135/.665	+.115
475184	1.190/.870/.610	0
<b>FOR 3/8" VALVE STEMS</b>		
475024	1.375/1.075/.785	-.040
475064	1.375/1.065/.675	-.120
475084	1.375/1.085/.805	-.015
475094	1.500/1.135/.635	+.010
475124	1.375/1.065/.670	0
475144	1.375/1.035/.785	-.030

These retainers are heat treated to 40 ROCKWELL© scale and are all manufactured for 7° valve locks.

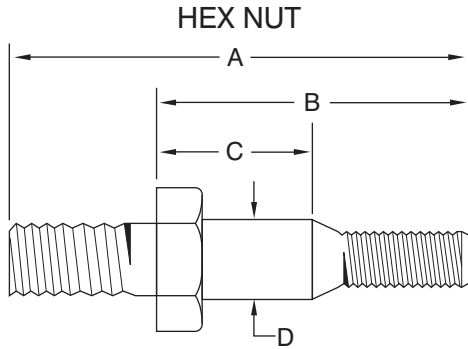
**NOTE:** There are many tolerances that effect the final location and spring height. The relative height dimension is for comparison purposes of these retainers. We took a stock SB Chevy retainer with our 45103 valve and 47601 locks and measured from the rocker arm end of the valve to the spring seat on the retainer. We then took the same dimensions for our 11/32" stem retainers. The 47518 is the same as the stock retainer and is shown as zero. The relative height tells how much the assembled spring height will be changed if you changed from the 47518. The 47501 would shorten the height by .070" while the 47505 would increase it the same amount. The same applies to the 3/8" stem retainers except we used a stock BB Chevy retainer with our 45105 valve and 47300 locks as a starting point.

VALVE SPRINGS		POUNDS PRESSURE AT THESE HEIGHTS										Coil Bind	# Coils
Part No.	OD	ID	1.88"	1.38"	1.80"	1.30"	1.72"	1.22"	1.67"	1.17"			
466074	1.525	1.075	132	364							1.187	5.652	
466174	1.475	1.061	90	260	115	285					1.125	6	
466204	1.260	0.876					115	307	134	326	1.160	6.5	
466224	1.539	1.125	158	318							1.200	6	
466244	1.500	1.064	100	310							1.156	5.75	
466354	1.215	0.861					110	260	125	284	1.125	6.75	
466364	1.260	0.876				125@1.750		325			1.160	6	
466434	1.435	1.035					90	260	105	282	1.125	5.7	
466444	1.437	1.075			105	217	123	235			1.062	6.5	
466114	1.43	.796	128	296	154	322					1.015	6.25	
466274													
466124	1.384	.804							105	220	0.906	6	
466134													
466154	1.55	.780		136@1.9		300@1.4		333@1.3		349@1.2	1.156	6.5	
466164													
VS-320					100	320					1.35		
VS-380							80	240			1.150		

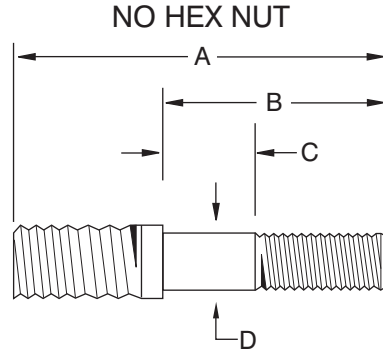
- All numbers are nominal
- Springs should be checked in every application
- Springs with dampners should be oiled prior to testing and installing
- Actual coil bind will vary because of the tolerances in the wire diameter
- Coil bind can be checked by compressing the spring in a vise and measuring
- Valve open height should be coil bind plus .100 or more
- Coil bind plus .050 has been used but the life of the spring will be less

## SCREW IN ROCKER ARM STUDS

Application	Part No.	A Length	B Length	C Length	D Diameter	Thread Size		Hex Nut
						Bottom	Top	
CHEVROLET	MRDS-941	2.560	1.765	0.875	7/16	7/16-14	7/16-20	Yes
	MRDS-945	2.250	1.490	0.770	3/8	7/16-14	3/8-24	Yes
	MRDS-948	57mm	40mm	22mm	10mm	10mm-1.5	10mm-1.0	Yes
	MRDS-960	61mm	40mm	24mm	12mm	10mm-1.5	8mm-1.25	Yes
	MRDS-970	60mm	38mm	27mm	10mm	10mm-1.5	8mm-1.25	Yes
	MRDS-1920	2.325	1.600	0.750	3/8	7/16-14	3/8-24	No
	MRDS-2920	2.325	1.725	0.850	3/8	7/16-14	3/8-24	Yes
FORD	MRDS-940	2.670	1.910	0.810	7/16	7/16-14	7/16-20	Yes
	MRDS-942	61mm	41mm	19mm	8mm	10mm-1.5	8mm-1.25	No
PONTIAC	MRDS-939	2.470	1.710	0.875	7/16	7/16-14	3/8-24	Yes



- Cold rolled threads
- 190,000 psi alloy steel



- Large radii for reduced flex
- Black oxidized



### CYLINDER SLEEVES

- Universal flanged sleeves provide extra insurance against sleeve movement in performance applications
- Reduce the critical factors that secure standard liners such as press fit, cylinder ledge at bottom of bore, and heat expansion rates of metals.
- Flange counter bore thickness in block can be machined .002 less to provide extra sealing against the gasket and head from the flange sleeve.
- Bore can be up to .060 bigger than standard and still have 3/32" sleeve wall.

Part No.	Std. Bore	Sleeve O.D.	Sleeve O.D.	Sleeve O.D.	Flange Thickness	Sleeve O.D.	Sleeve Length
590203	3.9375	3.907	4.330	4.330	.125	4.190	6-3/4
590259	4.000	3.970	4.330	4.330	.125	4.253	5-1/2
590298	4.000	3.970	4.393	4.393	.125	4.253	5-7/8
590236	4.000	3.970	4.393	4.393	.125	4.253	6-1/4
590280	4.000	3.970	4.393	4.393	.125	4.253	6-1/2
590231	4.050	4.020	4.443	4.443	.125	4.303	6-1/4
590295	4.050	4.020	4.443	4.443	.125	4.303	6-5/16
592274	4.110	4.080	4.503	4.503	.125	4.363	6-7/8
592256	4.125	4.095	4.518	4.518	.125	4.378	7-1/2
590261	4.125	4.095	4.518	4.518	.125	4.378	6-1/4
590297	4.250	4.220	4.643	4.643	.125	4.503	7

## PUSHROD GUIDE PLATES

All Melling Select Performance guide plates are stamped from heat treated steel to reduce flexing and rocker arm side movement. They are black oxide coated to prevent rusting. Guide plates must be used with screw in rocker arm studs.

Part Number	Thickness	Style
MGP1004	5/16"	Flat
MGP1014	3/8"	Flat
MGP1024	3/8"	Raised
MGP1034	5/16"	Raised

Part Number	Thickness	Style
MGP1064	7/16"	Raised
MGP1074	3/8"	Raised

Part Number	Thickness	Style
MGP1084	5/16"	Flat
MGP1094	3/8"	Flat

Part Number	Thickness	Style
MGP1104	3/8"	Flat
MGP1114	5/16"	Flat

Part Number	Thickness	Style
MGP1124	3/8"	Raised
MGP1134	5/16"	Raised





# Camshaft Specifications

## CAUTION!!

1. Always install new lifters (followers) with a new camshaft. Installing used lifters with a new camshaft can cause premature failure of both the camshaft and the lifters.
2. Do not allow the engine to run under 1500 RPM for the first 20 minutes. The first few minutes of the engine operation are the most critical and tests have shown that if there is no metal pickup or spalling during this period, the camshaft will wear as long as the other engine components.
3. With performance camshafts - usually you will have to advance the distributor timing (on the vibration damper) more than stock specifications.
4. When installing any high performance or racing camshafts into an engine, check to make sure there is adequate clearance between the valves and pistons and also make sure the valve springs do not compress solid.
5. On all engines equipped with roto-coils or valve rotors in either the intake or exhaust positions check for possible coil bind. You might have to change the valve spring and retainer - (using aftermarket high performance valve springs is an alternative).

Listed below is a group classification for the custom (or high) performance camshafts listed in this catalog - (the durations shown are based on .050 cam lift). The descriptions within each group show the characteristics of the cams in that group as well as any recommended modifications to the car or engine that will help get the desired performance.

### CLASS I (200° - 215°)

Good idle quality. Low RPM torque and mid range performance. Will work with stock or slightly modified engine. Manual or auto transmission.

### CLASS II (215° - 230°)

Fair idle quality. Good low to mid range torque and horsepower. Will work with stock or modified engine. Manual or auto transmission. Possibly lower vacuum than stock.

### CLASS III (230° - 245°)

Rough idle quality. Good mid to high RPM torque and horsepower. For use with manual or high stall auto transmission. May need improved carb, exhaust and ignition systems. Combination street and drag. Will have lower vacuum than stock.

### CLASS IV

Rough idle quality. Mid to high RPM torque and horsepower. For serious racing. Need proper selection of rear axle ratio and improvements in carburation and exhaust systems. For use with manual transmission or automatic with a very high stall converter. Will not have enough vacuum for power accessories.

***Melling Select Performance recommends using MELL-LUBE Engine Assembly Lube to prevent scoring or galling during engine start-up. MELL-LUBE also contains corrosion inhibitors to prevent rust and pitting to new engines. MELL-LUBE is not for use on cylinder walls or piston rings. MELL-LUBE now has 1,400 PPM zinc for better protection.***

Use Intake Spec's Duration @ .050 Cam Lift	Approx. RPM Power Range	Approx. Peak Torque
200°	1000-4500	2500
210°	1500-5000	2800
220°	2000-5500	3000
230°	2500-6000	3500
240°	3000-6500	4000
250°	3500-7000	4500
260°	4000-7500	5000
270°	4500-8000	5500

# CAMSHAFT SPECIFICATIONS

Part No.		SAE Specs@											
		Specs @ 0.50 Cam Lift			(0.06/Rocker Arm Ratio)			Cam Lift	Cam Lift	Gross Valve Lift	Center Line C/L	Rocker Arm Ratio	Valve Lash Clearance
		Opens	Closes	Duration	Opens	Closes	Duration						
C-400-P	INT.			223			290	.298	.447	110	1.5	HYD.	
	EXH.			223			290	.298	.447	118		HYD.	
CASC-2	INT.			203			292	.273	.450	111	1.65	HYD.	
	EXH.			203			292	.273	.450	111		HYD.	
CASC-3	INT.			194			284	.258	.425	113		HYD.	
	EXH.			210			300	.282	.465	113		HYD.	
CASC-4	INT.			199			285	.266	.459		1.72	HYD.	
	EXH.			203			281	.274	.473			HYD.	
CASC-5	INT.			195			272	.240	.396	107	1.65	HYD.	
	EXH.			198			269	.247	.408	115		HYD.	
CCS-1	INT.			168			288	.210	.315		1.5	0.009	
	EXH.			172			344	.224	.336	0		0.014	
CCS-2	INT.			194			258	.260	.390	108		HYD.	
	EXH.			202			269	.273	.409	116		HYD.	
CCS-3	INT.			172			263	.222	.333	108		HYD.	
	EXH.			172			262	.222	.333	108		HYD.	
CCS-4	INT.			190			272	.229	.400	116	1.75	HYD.	
	EXH.			198			280	.235	.412	109		HYD.	
CCS-5	INT.			185				.271				HYD.	
	EXH.			185				.271				HYD.	
CCS-6	INT.			174				.222				HYD.	
	EXH.			174				.222				HYD.	
CCS-9	INT.			188			276	.232	.405	113		HYD.	
	EXH.			188			276	.232	.405	110		HYD.	
CCS-12	INT.			168			288	.210				0.009	
	EXH.			170			288	.224				0.014	
CCS-16	INT.			194			268	.257	.351	102	1.3	HYD.	
	EXH.			194			268	.257	.351	112		HYD.	
CCS-18	INT.			172			270	.221	.387	106	1.75	HYD.	
	EXH.			172			270	.221	.387	104		HYD.	
CCS-20	INT.			196			270	.234	.412	107		HYD.	
	EXH.			196			270	.234	.412	119		HYD.	
CCS-22	INT.			210			285	.259	.453	109		HYD.	
	EXH.			213			297	.259	.453	117		HYD.	
CCS-23	INT.			176			244	.234	.351	106	1.5	HYD.	
	EXH.			194			259	.257	.385	112		HYD.	
CCS-24	INT.			189			250	.248	.372	102		HYD.	
	EXH.			202			269	.273	.409	116		HYD.	
CCS-25	INT.			193			268	.234	.409	104	1.75	HYD.	
	EXH.			203			280	.253	.442	116		HYD.	
CCS-26	INT.			172			270	.222	.388	106		HYD.	
	EXH.			190			276	.232	.406	98		HYD.	
CCS-27	INT.			176			244	.234	.351	108	1.5	HYD.	
	EXH.			194			259	.257	.385	112		HYD.	
CCS-30	INT.			179			238	.231	.346	105		HYD.	
	EXH.			196			256	.262	.394	109		HYD.	
CCS-31	INT.			193			269	.234	.399	103	1.7	HYD.	
	EXH.			193			269	.234	.399	103		HYD.	
CCS-32	INT.			185			216	.240	.385	112	1.6	HYD.	
	EXH.			186			260	.240	.385	90		HYD.	
CCS-33	INT.			196			256	.263	.394	108	1.5	HYD.	
	EXH.			196			256	.263	.394	111		HYD.	
CCS-34	INT.			196			256	.263		108		HYD.	
	EXH.			196			256	.263		111		HYD.	
CCS-35	INT.			176			244	.234	.350	108		HYD.	
	EXH.			193			258	.257	.385	112		HYD.	
CCS-36	INT.			178								HYD.	
	EXH.			202								HYD.	
CCS-37	INT.			202			269	.269	.404	115		HYD.	

## CAMSHAFT SPECIFICATIONS (Cont. )

Part No.		SAE Specs@										
		Specs @ 0.50 Cam Lift			(0.06/Rocker Arm Ratio) Cam Lift			Cam Lift	Gross Valve Lift	Center Line C/L	Rocker Arm Ratio	Valve Lash Clearance
Opens	Closes	Duration	Opens	Closes	Duration							
CCS-38	EXH.			207			271	.276	.415	114		HYD.
	INT.			179			252	.234	.350	108		HYD.
CCS-39	EXH.			195			262	.256	.385	112		HYD.
	INT.			179			252	.233	.350	106		HYD.
CCS-40	EXH.			194			260	.257	.385	112		HYD.
	INT.			207			271	.274	.410	117		HYD.
CCS-41	EXH.			214			280	.285	.427	117		HYD.
	INT.			189			250	.248	.372	106		HYD.
CCS-42	EXH.			203			269	.273	.410	116		HYD.
	INT.			194			258	.260	.390	108		HYD.
CFC-1	EXH.			194			258	.260	.390	111		HYD.
	INT.			184			229	.240	.360	103		0.016
CFC-3	EXH.			184			225	.239	.358	105		0.016
	INT.			180			246	.233	.350	123		HYD.
CLT-1	EXH.			180			246	.233	.350	90		HYD.
	INT.			208			264	.273	.396		1.45	0.004
FOV-6	EXH.			208			247	.273	.396	108		0.006
	INT.			202			251	.273	.389	107	1.5	0.019
FOV-9	EXH.			202			251	.273	.389	117		0.019
	INT.			185			256	.244	.366	112		HYD.
HSC-1	EXH.			185			256	.244	.366	103		HYD.
	INT.			218				.270				0.006
HSC-2	EXH.			223			298	.271				0.006
	INT.			208			254	.256				0.012
HSC-3	EXH.			214			262	.258				0.004
	INT.			218				.270				HYD.
HSC-4	EXH.			223			298	.271				HYD.
	INT.			218				.270				HYD.
HSC-6	EXH.			222				.271				HYD.
	INT.			208				.256				0.004
HSC-7	EXH.			214				.258				0.012
	INT.			194			258	.221	.332			0.006
HSC-9	EXH.			201			276	.218	.327			0.006
	INT.			208				.226				0.008
HSC-10	EXH.			210				.226				0.01
	INT.			200				.222				0.011
HSC-11	EXH.			219				.225				0.006
	INT.			218				.267				0.011
HSC-12	EXH.			225				.262				0.006
	INT.			218				.267				0.006
MC762	EXH.			225				.262				0.011
	INT.			191			271	.259	.388	115		HYD.
MC769	EXH.			191			271	.259	.388	115		HYD.
	INT.			232				.292				.008
MC794	EXH.			233				.292				.008
	INT.			224				.259				.006
MC797	EXH.			224				.259				.011
	INT.			215				.242				.012
MC803	EXH.			220				.242				.012
	INT.			189				.250				.008
MC809	EXH.			193				.256				.014
	INT.			197			270	.265	.397	110		HYD.
MC810	EXH.			197			270	.265	.397	114		HYD.
	INT.			230				.293				HYD.
MC814	EXH.			230				.293				HYD.
	INT.			196			276	.246	.359	102	1.46	HYD.
MC816	EXH.			200			294	.254	.370	117		HYD.
	INT.			222				.281				HYD.
	EXH.			223				.283				HYD.

## CAMSHAFT SPECIFICATIONS (Cont.)

Part No.		SAE Specs@										
		Specs @ 0.50 Cam Lift			(0.06/Rocker Arm Ratio) Cam Lift			Cam Lift	Gross Valve Lift	Center Line C/L	Rocker Arm Ratio	Valve Lash Clearance
Opens	Closes	Duration	Opens	Closes	Duration							
MC820	INT.			220				.276				HYD.
	EXH.			220				.276				HYD.
MC821	INT.			203		240		.235	.405		1.72	HYD.
	EXH.			214		254		.250	.431			HYD.
MC822	INT.			220				.276				HYD.
	EXH.			220				.276				HYD.
MC830	INT.			164				.212				HYD.
	EXH.			166				.214				HYD.
MC831	INT.			202/200				.375	.375		1	HYD.
	EXH.											HYD.
MC832	INT.			200								HYD.
	EXH.			202				.375	.375			HYD.
MC835	INT.			188		254		.216	.354	120	1.64	HYD.
	EXH.			188		254		.216	.354	104		HYD.
MC836	INT.			193				.245				HYD.
	EXH.			193				.245				HYD.
MC839	INT.			204				.225				0.006
	EXH.			203				.225				0.01
MC840	INT.			206				.220				0.012
	EXH.			206				.220				0.012
MC841	INT.			205				.215				HYD.
	EXH.			205				.214				HYD.
MC1200	INT.			219				0.278				HYD.
	EXH.			220				0.280				HYD.
MC1230	INT.			204				.224				HYD.
	EXH.			214				.249				HYD.
MC1231	INT.			185		272		.245	.423	106	1.73	HYD.
	EXH.			203		288		.259	.447	114		HYD.
MC1232	INT.			193		279		.257	.444	108		HYD.
	EXH.			198		283		.264	.456	119		HYD.
MC1234	INT.			196				.220				HYD.
	EXH.			208				.240				HYD.
MC1236	INT.										1	HYD.
	EXH.			212				.410	.410			HYD.
MC1237	INT.			192				.239				HYD.
	EXH.			192				.239				HYD.
MC1238	INT.			210				.265				HYD.
	EXH.			210				.265				HYD.
MC1239	INT.			217				.230				0.006
	EXH.			219				.230				0.01
MC1240	INT.			181		248		.248	.372	108	1.5	HYD.
	EXH.			192		250		.267	.401	110		HYD.
MC1241	INT.			185				.240	.415		1.73	HYD.
	EXH.			201				.241	.417			HYD.
MC1242	INT.			196		286		.260	.448	109		HYD.
	EXH.			196		286		.259	.448	113		HYD.
MC1243	INT.			182				.246				HYD.
	EXH.			182				.246				HYD.
MC1245	INT.			197				.210				HYD.
	EXH.			208				.230				HYD.
MC1246	INT.			229				.291				HYD.
	EXH.			229				.291				HYD.
MC1249	INT.			188		294		.252	.403	111	1.6	HYD.
	EXH.			191		304		.255	.408	117		HYD.
MC1250	INT.			186		293		.250	.400	109		HYD.
	EXH.			191		299		.255	.408	117		HYD.
MC1251	INT.			181		284		.252	.403	115		HYD.
	EXH.			191		301		.255	.408	109		HYD.
MC1252	INT.			191				.267				HYD.

## CAMSHAFT SPECIFICATIONS (Cont. )

Part No.		SAE Specs@										
		Specs @ 0.50 Cam Lift			(0.06/Rocker Arm Ratio) Cam Lift			Cam Lift	Gross Valve Lift	Center Line C/L	Rocker Arm Ratio	Valve Lash Clearance
Opens	Closes	Duration	Opens	Closes	Duration							
	EXH.		191				.267					HYD.
MC1253	INT.		184			254	.258	.413	114			HYD.
	EXH.		193			267	.269	.430	110			HYD.
MC1254	INT.		186				.245					HYD.
	EXH.		186				.245					HYD.
MC1255	INT.		192				.248					HYD.
	EXH.		190				.239					HYD.
MC1256	INT.		200			287	.260	.416	124			HYD.
	EXH.		200			287	.260	.416	118			HYD.
MC1257	INT.		200			287	.260	.416	110			HYD.
	EXH.		200			287	.260	.416	118			HYD.
MC1258	INT.		191			272	.261	.417	110			HYD.
	EXH.		191			272	.261	.417	110			HYD.
MC1259	INT.		189			277	.263	.384	107	1.46		HYD.
	EXH.		206			299	.276	.402	117			HYD.
MC1260	INT.		184			264	.275	.401	106			HYD.
	EXH.		202			294	.275	.401	110			HYD.
MC1261	INT.		191			270	.260	.390	110	1.5		HYD.
	EXH.		191			270	.260	.390	110			HYD.
MC1262	INT.		205			270	.265	.398	113			HYD.
	EXH.		196			259	.265	.398	117	1.6		HYD.
MC1263	INT.		197			275	.270	.404	114	1.5		HYD.
	EXH.		196			274	.263	.395	114			HYD.
MC1265	INT.		184				.256					HYD.
	EXH.		185				.256					HYD.
MC1266	INT.		189				.273					.008
	EXH.											
MC1267	INT.											
	EXH.		188				.273					0.010
MC1268	INT.		192			271	.248	.434	109	1.75		HYD.
	EXH.		192			271	.248	.434	115			HYD.
MC1269	INT.		191			266	.248	.434	109			HYD.
	EXH.		191			266	.248	.434	115			HYD.
MC1270	INT.		188			349	.248	.438	109			HYD.
	EXH.		188			349	.248	.438	115			HYD.
MC1271	INT.		216			250	.401	.401		1.0		HYD.
	EXH.		216			250	.401	.401				HYD.
MC1272	INT.		196				.273					0.009
	EXH.											
MC1273	INT.											
	EXH.		209				.299					0.013
MC1274	INT.		183			254	.251	.376	108	1.5		HYD.
	EXH.		193			264	.268	.402	114			HYD.
MC1275	INT.		208			277	.288	.432	121			HYD.
	EXH.		208			274	.293	.440	115			HYD.
MC1276	INT.		204			250	.297	.297	105	1		0.008
	EXH.								105			
MC1277	INT.									1.0		
	EXH.		204			240	.297	.297	107			0.01
MC1278	INT.		191			282	.252	.403	114	1.6		HYD.
	EXH.		200			288	.260	.416	120			HYD.
MC1279	INT.		188				.259					HYD.
	EXH.		196				.259					HYD.
MC1280	INT.		188				.259					HYD.
	EXH.		196				.259					HYD.
MC1281	INT.		230				.293					HYD.
	EXH.		230				.293					HYD.
MC1283	INT.		196				.267					HYD.
	EXH.		196				.267					HYD.



## CAMSHAFT SPECIFICATIONS (Cont.)

Part No.		SAE Specs@										
		Specs @ 0.50 Cam Lift			(0.06/Rocker Arm Ratio) Cam Lift			Cam Lift	Gross Valve Lift	Center Line C/L	Rocker Arm Ratio	Valve Lash Clearance
		Opens	Closes	Duration	Opens	Closes	Duration					
MC1284	INT.			232				.293				0.008
	EXH.			232				.293				0.008
MC1285	INT.			232				.293				0.008
	EXH.			232				.293				0.008
MC1286	INT.			230				.293				HYD.
	EXH.			230				.293				HYD.
MC1287	INT.			196			274	.275	.440	108		HYD.
	EXH.			208			296	.275	.440	112		HYD.
MC1288	INT.			186			273	.263	.421	118		HYD.
	EXH.			197			283	.279	.447	113		HYD.
MC1289	INT.			194			278	.272	.397	113	1.46	HYD.
	EXH.			198			283	.276	.404	117		HYD.
MC1290	INT.			194			258	.260	.390	109	1.5	HYD.
	EXH.			202			270	.273	.409	109		HYD.
MC1291	INT.			200			270	.248	.421	114	1.7	HYD.
	EXH.			206			273	.253	.430	114		HYD.
MC1292	INT.			182			262	.258	.413	118	1.6	HYD.
	EXH.			191			275	.258	.413	112		HYD.
MC1293	INT.			192				.312				.008
	EXH.											
MC1294	INT.											
	EXH.			193				.315				.010
MC1295	INT.			174				.216				HYD.
	EXH.											HYD.
MC1296	INT.											HYD.
	EXH.			167				.204				HYD.
MC1297	INT.			188			256	.255	.407	100		HYD.
	EXH.			192			260	.259	.415	115		HYD.
MC1298	INT.			208				.388				.009
	EXH.			208				.388				.011
MC1299	INT.			208				.388				.009
	EXH.			208				.388				.011
MC1300	INT.			201				.334				HYD.
	EXH.			201				.334				HYD.
MC1301	INT.			188				.259				HYD.
	EXH.			196				.259				HYD.
MC1302	INT.			188				.259				HYD.
	EXH.			196				.259				HYD.
MC1303	INT.			198			265	.287	.430	116	1.5	HYD.
	EXH.			198			265	.287	.430	110		HYD.
MC1304	INT.			197			263	.272	.409	113		HYD.
	EXH.			197			263	.272	.409	111		HYD.
MC1309	INT.			184			253	.258	.387	109		HYD.
	EXH.			193			266	.269	.403	115		HYD.
MC1310	INT.			194				.290				.008
	EXH.											
MC1311	INT.											
	EXH.			200				0.296				0.008
MC1315	INT.			191			260	.276	.415	106		HYD.
	EXH.			195			263	.286	.429	116		HYD.
MC1316	INT.			204			273	.282	.480	118	1.7	HYD.
	EXH.			209			298	.284	.483	118		HYD.
MC1317	INT.			197			282	.292	.496	123		HYD.
	EXH.			209			290	.292	.496	116		HYD.
MC1318	INT.			208				.389				0.009
	EXH.			208				.389				0.011
MC1319	INT.			208				.389				0.009
	EXH.			208				.389				0.011
MC1320	INT.			191			261	.276	.414	106	1.5	HYD.

## CAMSHAFT SPECIFICATIONS (Cont. )

Part No.	EXH.	SAE Specs@										
		Specs @ 0.50 Cam Lift			(0.06/Rocker Arm Ratio) Cam Lift			Cam Lift	Gross Valve Lift	Center Line C/L	Rocker Arm Ratio	Valve Lash Clearance
		Opens	Closes	Duration	Opens	Closes	Duration					
MC1328	EXH.			194			263	.285	.428	116		HYD.
	INT.											
MC1329	EXH.							.350				
	INT.											
MC1330	EXH.											
	INT.											
MC1331	EXH.											
	INT.											
MC1334	EXH.			188			251	.274	.411	116		HYD.
	INT.			194			271	.278	.417	107		HYD.
MC1335	EXH.			202			268	.299	.450	116		HYD.
	INT.			208			271	.306	.460	117		HYD.
MC1336	EXH.			201			270	.298	.447	117		HYD.
	INT.			208			276	.306	.459	117		HYD.
MC1337	EXH.			191			259	.276	.414	106		HYD.
	INT.			195			263	.285	.428	116		HYD.
MC1338	EXH.											
	INT.											
MC1339	EXH.											
	INT.											
MC1344	EXH.											
	INT.											
MC1345	EXH.											
	INT.											
MC1351	EXH.			185			262	.263	.395	111		HYD.
	INT.			185			262	.263	.395	110		HYD.
MC1352	EXH.											
	INT.											
MC1353	EXH.											
	INT.											
MC1358	EXH.											
	INT.											
MC1359	EXH.			186				.279				
	INT.			190				.280				
MC1360	EXH.											
	INT.											
MC1361	EXH.			214				.267				
	INT.			210				.221				
MC1362	EXH.			197			271	.272	.409	113		HYD.
	INT.			197			271	.272	.409	112		HYD.
MC1364	EXH.							0.1776				
	INT.											
MC1365	EXH.			176				0.3170				
	INT.			212				0.2897				
MC1374	EXH.											
	INT.											
MC1375	EXH.											
	INT.											
MC1376	EXH.			188				.255	0.408	110		HYD.
	INT.			190				.259	0.414	105		HYD.
MC1377	EXH.			188				.255	0.408	110		HYD.
	INT.			190				.259	0.414	105		HYD.
MC1379	EXH.											
	INT.											
MC1382	EXH.			.274			202					
	INT.			.275			242					
MC1383	EXH.			195			281	.273	.464	113	1.7	HYD.
	INT.			208			291	.280	.476	118		HYD.

## CAMSHAFT SPECIFICATIONS (Cont.)

Part No.		SAE Specs@											
		Specs @ 0.50 Cam Lift			(0.06/Rocker Arm Ratio)			Cam Lift	Cam Lift	Gross Valve Lift	Center Line C/L	Rocker Arm Ratio	Valve Lash Clearance
		Opens	Closes	Duration	Opens	Closes	Duration						
MC1384	INT.			192			279	.268	.456	117			HYD.
	EXH.			190			281	.274	.466	110			HYD.
ROC-10	INT.			232			329	.296	.474	107	1.6		HYD.
	EXH.			232			329	.296	.474	119			HYD.
RVO-D	INT.			224			279	.288	.431	109	1.5		.017
	EXH.			223			275	.285	.428	112			.017
SBC-3	INT.			207			284	.269	.430	112	1.6		HYD.
	EXH.			207			284	.269	.430	116			HYD.
SBC-4	INT.			194				.243					HYD.
	EXH.			226				.286					HYD.
SBC-5	INT.			191			276	.242	.387	109			HYD.
	EXH.			208			297	.252	.403	116			HYD.
SBC-8	INT.			194			272	.251	.391	112			HYD.
	EXH.			194			283	.244	.401	112			HYD.
SBC-11	INT.			172			241	.207	.331	105			HYD.
	EXH.			182			261	.216	.346	106			HYD.
SBC-12	INT.			180			250	.224	.358	104			HYD.
	EXH.			194			280	.240	.384	110			HYD.
SBC-13	INT.			195			272	.251	.401	112			HYD.
	EXH.			194			280	.240	.384	110			HYD.
SBC-14	INT.			193			282	.250	.400	104			HYD.
	EXH.			196			276	.264	.422	110			HYD.
SBC-15	INT.			180			251	.224	.358	104			HYD.
	EXH.			194			280	.240	.384	110			HYD.
SBC-16	INT.			180			251	.224	.358	104			HYD.
	EXH.			194			280	.240	.384	110			HYD.
SBOT-1	INT.			196			271	.251	.401	106			HYD.
	EXH.			196			271	.251	.401	112			HYD.
SDC-1	INT.			248				.276					
	EXH.			248				.276					
SDC-3	INT.			219				.289					.010
	EXH.			219				.289					.012
SDC-4	INT.			171				.222					0.014
	EXH.			175				.232					0.014
SDC-5	INT.												
	EXH.												
SDC-6	INT.			206				.233					HYD.
	EXH.			205				.223					HYD.
SDC-7	INT.			226				.269					0.012
	EXH.			226				.269					0.012
SDC-8	INT.			227				.280					0.012
	EXH.			227				.280					0.012
SFP-2	INT.			196			268	.244	.400	129	1.64		HYD.
	EXH.			196			268	.244	.400	111			HYD.
SFP-4	INT.			202				.256					0.014
	EXH.			202				.256					0.016
SFP-5	INT.			192			236	.236					HYD.
	EXH.			206			226	.232					HYD.
SIH-1	INT.			188				.262	.445		1.7		HYD.
	EXH.			180				.236	.400				HYD.
SIH-3	INT.			182			244	.265	.440	103			0.025
	EXH.			198			264	.265	.440	110			0.025
SIH-6	INT.			176				.254		103			HYD.
	EXH.			184				.253		105			HYD.
SOC-9	INT.			187			276	.250	.400	106	1.6		HYD.
	EXH.			200			290	.251	.401	112			HYD.
SOC-10	INT.			180			256	.247	.395	106			HYD.
	EXH.			187			276	.250	.400	112			HYD.
SOC-12	INT.			172			248	.235	.376	100			HYD.

## CAMSHAFT SPECIFICATIONS (Cont. )

Part No.		SAE Specs@										
		Specs @ 0.50 Cam Lift			(0.06/Rocker Arm Ratio)			Cam Lift	Cam Lift	Gross Valve Lift	Center Line C/L	Rocker Arm Ratio
		Opens	Closes	Duration	Opens	Closes	Duration					
	EXH.			192			274	.235	.376	114		HYD
SOC-14	INT.			178			249	.247	.395	102		HYD
	EXH.			186			256	.251	.401	116		HYD
SPC-3	INT.			224			298	.271	.406	112	1.5	HYD
	EXH.			236			310	.271	.406	119		HYD
SPC-4	INT.			198			272	.270	.404	106		HYD
	EXH.			208			280	.272	.408	116		HYD
SPC-5	INT.			198			272	.270	.404	106		HYD
	EXH.			208			280	.272	.408	116		HYD
SPC-7	INT.			212			285	.272	.409	113		HYD
	EXH.			225			298	.271	.408	118		HYD
SPC-8	INT.			231			304	.313	.470	112		HYD
	EXH.			240			316	.313	.470	115		HYD
SPC-9	INT.			189			264	.243	.364	105		HYD
	EXH.			189			264	.243	.364	110		HYD
SPC-10	INT.			188			277	.232	.406	113	1.75	HYD
	EXH.			188			277	.232	.406	110		HYD
SPC-11	INT.			181			256	.233	.349	108	1.5	HYD
	EXH.			181			256	.233	.349	104		HYD
SPC-12	INT.			209			292	.252	.378	115		HYD
	EXH.			189			264	.243	.364	112		HYD
SPC-13	INT.			190			277	.232	.405	113	1.75	HYD
	EXH.			190			277	.232	.405	110		HYD
SPC-15	INT.			202			247	.240	.413		1.72	HYD
	EXH.			201			221	.239	.411			HYD
SPC-16	INT.			223			260	.251	.432			HYD.
	EXH.			223			266	.253	.435			HYD.
SPC-17	INT.			188			276	.231	.406	113	1.75	HYD
	EXH.			188			276	.231	.406	110		HYD
SPC-18	INT.			188			276	.231	.406	113		HYD
	EXH.			188			276	.231	.406	110		HYD
SPC-19	INT.			213			252	.262	.450		1.72	HYD
	EXH.			214			252	.262	.451			HYD.
SPD-3	INT.			198			272	.270	.405	107	1.5	0.01
	EXH.			202			260	.275	.414	111		0.02
SPD-11	INT.			208			283	.287	.431	110		HYD
	EXH.			210			296	.286	.429	116		HYD
SPD-20	INT.			180			264	.248	.372	110		HYD
	EXH.			192			274	.266	.400	108		HYD
SPD-22	INT.			209			279	.286	.429	112		HYD
	EXH.			220			289	.296	.444	116		HYD
SPD-25	INT.			203			278	.273	.410	108		HYD
	EXH.			203			278	.273	.410	111		HYD
SPD-27	INT.			188			255	.252	.378	108		HYD
	EXH.			188			255	.252	.378	102		HYD
SPD-28	INT.			218			273	.243	.430		1.77	HYD
	EXH.			218			273	.243	.430			HYD
SPD-29	INT.			217			273	.243	.430	112		HYD
	EXH.			217			273	.243	.430	104		HYD
SPD-30	INT.			214			268	.243	.430			HYD.
	EXH.			214			268	.243	.430			HYD.
SPD-31	INT.			213			302	.298	.447	112	1.5	HYD
	EXH.			225			324	.306	.459	118		HYD
SPD-33	INT.			214			268	.243	.437		1.77	HYD.
	EXH.			214			268	.243	.437			HYD.
SPD-34	INT.			194			267	.245	.434			HYD
	EXH.			190			264	.245	.433			HYD
SPD-35	INT.			194			267	.245	.434			HYD
	EXH.			190			264	.245	.434			HYD

## CAMSHAFT SPECIFICATIONS (Cont.)

Part No.		SAE Specs@										
		Specs @ 0.50 Cam Lift			(0.06/Rocker Arm Ratio)			Cam Lift	Cam Lift	Gross Valve Lift	Center Line C/L	Rocker Arm Ratio
		Opens	Closes	Duration	Opens	Closes	Duration					
SRC-5	INT.			196			263	.266	.425	109	1.6	HYD
	EXH.			196			263	.266	.425	112		HYD
SRC-6	INT.			185			259	.254	.380	109	1.5	HYD.
	EXH.			185			259	.254	.380	112		HYD.
SRC-8	INT.			191			262	.252	.377	113		HYD
	EXH.			191			262	.251	.377	115		HYD
SRC-9	INT.			196			270	.265	.424	109	1.6	HYD
	EXH.			196			270	.265	.424	115		HYD
SVW-1	INT.			224			254	.405	.405		1.0	0.01
	EXH.			224			248	.405	.405			0.018
SWC-1	INT.			200				.220				0.018
	EXH.			206				.371				0.016
SYB-2	INT.			197			258	.262	.419	110	1.6	.019
	EXH.			196			258	.262	.419	116		.019
SYB-8	INT.			186			270	.232	.394	108	1.7	HYD
	EXH.			186			270	.232	.394	113		HYD
SYB-9	INT.			187			261	.238	.380	103	1.6	HYD
	EXH.			187			261	.238	.380	113		HYD
SYB-13	INT.			186			272	.232	.405	110	1.75	HYD
	EXH.			186			272	.232	.405	116		HYD
SYB-16	INT.			193			283	.244	.426	110		HYD.
	EXH.			193			283	.244	.426	110		HYD.
SYB-19	INT.			193			273	.253	.437	110	1.73	HYD.
	EXH.			206			287	.277	.480	116		HYD.
SYB-21	INT.			192			272	.247	.428	109		HYD.
	EXH.			198			291	.250	.432	111		HYD.
SYB-22	INT.			192			274	.252	.442	108	1.75	HYD.
	EXH.			192			274	.252	.442	111		HYD.
SYB-23	INT.			192			273	.247	.432	113		HYD
	EXH.			199			281	.249	.435	111		HYD
SYB-24	INT.			194			270	.260	.416	103	1.6	HYD
	EXH.			194			270	.260	.416	112		HYD
SYB-25	INT.			184			293	.230	.368	114		HYD.
	EXH.			189			265	.238	.380	104		HYD.
SYB-26	INT.			183			258	.237	.380	103		HYD
	EXH.			192			270	.247	.395	111		HYD
SYB-27	INT.			192			272	.247	.428	109	1.73	HYD.
	EXH.			198			291	.250	.432	111		HYD.
SYB-29	INT.			207			287	.278	.481	120		HYD.
	EXH.			221			307	.283	.489	110		HYD.
SYB-30	INT.			197			280	.260	.416	114	1.6	HYD
	EXH.			209			293	.278	.444	114		HYD
SYB-31	INT.			185			259	.225	.370		1.65	HYD.
	EXH.			193			275	.229	.377			HYD.
SYB-32	INT.			186			266	.240	.415	106	1.73	HYD.
	EXH.			201			275	.241	.417	114		HYD.
SYB-33	INT.			186			261	.240	.415	106		HYD.
	EXH.			201			275	.241	.416	114		HYD.
SYB-35	INT.			206			283	.278	.445	117	1.6	HYD
	EXH.			221			304	.283	.453	113		HYD
SYB-36	INT.			206			260	.263				0.014
	EXH.			206			254	.264				0.016
SYB-37	INT.			187			246	.238	.390	108	1.64	HYD.
	EXH.			190			250	.238	.390	116		HYD.
SYB-38	INT.			192			270	.247	.395	108	1.6	HYD
	EXH.			192			270	.247	.395	114		HYD
SYB-39	INT.			200			269	.239	.395	108	1.65	HYD.
	EXH.			200			269	.239	.395	114		HYD.
SYB-40	INT.											

## CAMSHAFT SPECIFICATIONS (Cont. )

Part No.		SAE Specs@										
		Specs @ 0.50 Cam Lift			(0.06/Rocker Arm Ratio) Cam Lift			Cam Lift	Gross Valve Lift	Center Line C/L	Rocker Arm Ratio	Valve Lash Clearance
		Opens	Closes	Duration	Opens	Closes	Duration					
SYB-41	EXH.			185			259	.225	.370			HYD.
	INT.			193			275	.229	.377			HYD.
SYB-43	INT.			184			260	.237	.379	104	1.6	HYD.
	EXH.			192			272	.247	.395	111		HYD.
SYB-44	INT.			208			275	.265	.437		1.65	HYD.
	EXH.			208			275	.265	.437			HYD.
SYB-45	INT.			190				.240				HYD.
	EXH.			190				.240				HYD.
SYB-46	INT.			190				.240				HYD.
	EXH.			190				.240				HYD.
SYB-47	INT.			190				.240				HYD.
	EXH.			190				.240				HYD.
SYB-48	INT.			202				.250				HYD.
	EXH.			190				.239				HYD.
SYB-49	INT.			202				.262				HYD.
	EXH.			202				.262				HYD.
SYB-50	INT.			198		287		.260	.416	110	1.6	HYD.
	EXH.			198		287		.260	.416	118		HYD.
SYB-51	INT.			210		298		.278	.444	116		HYD.
	EXH.			211		282		.278	.445	115		HYD.
TSC-1	INT.			212		244		.262	.380		1.45	0.008
	EXH.			224		254		.264	.383			0.014
TSC-2	INT.											
	EXH.											
TSC-3	INT.											
	EXH.											
TSC-5	INT.			191				.197				.008
	EXH.			191				.197				.012
TSC-7	INT.			209				.221				HYD.
	EXH.											HYD.
TSC-8	INT.											HYD.
	EXH.											HYD.

# CAMSHAFT SPECIFICATIONS

Part No.		SAE Specs@										
		Specs @ 0.50 Cam Lift			(0.06/Rocker Arm Ratio) Cam Lift			Cam Lift	Gross Valve Lift	Center Line C/L	Rocker Arm Ratio	Valve Lash Clearance
Opens	Closes	Duration	Opens	Closes	Duration							
20402	INT.	10 BTC	44 ABC	234	42 BTC	84 ABC	306	.325	.520	107	1.6	HYD.
	EXH.	59 BBC	5 ATC	244	91 BBC	45 ATC	316	.339	.542	117		HYD.
21206	INT.	5 BTC	39 ABC	224	38 BTC	82 ABC	300	.310	.497	107		HYD.
	EXH.	49 BBC	-5 ATC	224	82 BBC	38 ATC	300	.310	.497	117		HYD.
21300	INT.	10 BTC	44 ABC	234	42 BTC	84 ABC	306	.325	.520	107		HYD.
	EXH.	59 BBC	5 ATC	244	91 BBC	45 ATC	316	.339	.542	117		HYD.
22100	INT.	-11 BTC	23 ABC	192	22 BTC	69 ABC	271	.234	.398	107	1.7	HYD.
	EXH.	37 BBC	-14 ATC	203	70 BBC	31 ATC	281	.253	.430	117		HYD.
22107	INT.	-3 BTC	31 ABC	208	25 BTC	75 ABC	280	.272	.408	107	1.5	HYD.
	EXH.	37 BBC	-9 ATC	208	65 BBC	35 ATC	280	.272	.408	113		HYD.
22108	INT.	-12 BTC	16 ABC	184	22 BTC	58 ABC	260	.245	.367	104		HYD.
	EXH.	21 BBC	-7 ATC	194	54 BBC	36 ATC	270	.265	.398	104		HYD.
22109	INT.	-7 BTC	21 ABC	194	26 BTC	64 ABC	270	.265	.398	104		HYD.
	EXH.	26 BBC	-2 ATC	204	58 BBC	40 ATC	278	.280	.421	104		HYD.
22110	INT.	-8 BTC	32 ABC	204	24 BTC	74 ABC	278	.280	.421	110		HYD.
	EXH.	37 BBC	-3 ATC	214	69 BBC	39 ATC	288	.295	.443	110		HYD.
22111	INT.	-10 BTC	24 ABC	194	23 BTC	67 ABC	270	.265	.398	107		HYD.
	EXH.	39 BBC	-15 ATC	204	71 BBC	27 ATC	278	.280	.421	117		HYD.
22113	INT.	-7 BTC	21 ABC	194	26 BTC	64 ABC	270	.265	.398	104		HYD.
	EXH.	26 BBC	-2 ATC	204	58 BBC	40 ATC	278	.280	.421	104		HYD.
22114	INT.	-2 BTC	30 ABC	208	32 BTC	68 ABC	280	.280	.420	106		HYD.
	EXH.	40 BBC	-12 ATC	208	74 BBC	26 ATC	280	.280	.420	116		HYD.
22115	INT.	-2 BTC	32 ABC	209	30 BTC	73 ABC	283	.290	.435	107		HYD.
	EXH.	45 BBC	-9 ATC	216	75 BBC	31 ATC	286	.303	.455	117		HYD.
22116	INT.	-18 BTC	28 ABC	190	26 BTC	71 ABC	277	.232	.406	113	1.75	HYD.
	EXH.	25 BBC	-15 ATC	190	69 BBC	28 ATC	277	.232	.406	110		HYD.
22117	INT.	-8 BTC	32 ABC	204	24 BTC	76 ABC	280	.253	.441	109		HYD.
	EXH.	36 BBC	-12 ATC	204	68 BBC	32 ATC	280	.253	.442	115		HYD.
22118	INT.	-17 BTC	29 ABC	192	32 BTC	78 ABC	290	.230	.403	113		HYD.
	EXH.	26 BBC	-14 ATC	192	75 BBC	35 ATC	290	.230	.403	110		HYD.
22119	INT.	-7 BTC	29 ABC	202	21 BTC	70 ABC	271	.269	.403	108	1.5	HYD.
	EXH.	41 BBC	-8 ATC	213	70 BBC	34 ATC	284	.273	.409	116		HYD.
22120	INT.	-7 BTC	29 ABC	202	21 BTC	70 ABC	271	.269	.403	108		HYD.
	EXH.	41 BBC	-8 ATC	213	70 BBC	34 ATC	284	.273	.409	116		HYD.
22121	INT.	-9 BTC	31 ABC	202	17 BTC	72 ABC	269	.269	.404	110		HYD.
	EXH.	37 BBC	-10 ATC	207	63 BBC	28 ATC	271	.276	.414	114		HYD.
22123	INT.	-10 BTC	33 ABC	203	18 BTC	73 ABC	271	.273	.410	111		HYD.
	EXH.	41 BBC	-7 ATC	214	69 BBC	36 ATC	285	.273	.410	115		HYD.
22124	INT.	-7 BTC	29 ABC	202	20 BTC	71 ABC	271	.267	.401	108		HYD.
	EXH.	37 BBC	-4 ATC	213	65 BBC	38 ATC	283	.273	.410	112		HYD.
22125	INT.	7 ATC	29 ABC	202	20 BTC	71 ABC	271	.267	.401	108		HYD.
	EXH.	37 BBC	4 BTC	213	65 BBC	38 ATC	283	.273	.410	112		HYD.
22126	INT.	-10 BTC	24 ABC	194	23 BTC	65 ABC	268	.265	.398	107		HYD.
	EXH.	44 BBC	-10 ATC	214	75 BBC	33 ATC	288	.294	.441	117		HYD.
22127	INT.	-12 BTC	22 ABC	190	17 BTC	64 ABC	261	.258	.438	106	1.7	HYD.
	EXH.	35 BBC	-13 ATC	202	62 BBC	30 ATC	272	.273	.465	114		HYD.
22128	INT.	-2 BTC	32 ABC	210	26 BTC	67 ABC	273	.319	.478	107	1.5	HYD.
	EXH.	44 BBC	-10 ATC	214	72 BBC	25 ATC	277	.324	.487	117		HYD.
22129	INT.	-9 BTC	27 ABC	198	27 BTC	66 ABC	273	.289	.434	108		HYD.
	EXH.	41 BBC	-11 ATC	210	78 BBC	30 ATC	288	.308	.462	116		HYD.
22131	INT.	-14 BTC	41 ABC	207	14 BTC	77 ABC	271	.273	.410	117		HYD.
	EXH.	43 BBC	-9 ATC	214	74 BBC	26 ATC	280	.284	.427	117		HYD.
22135	INT.			206			265	.313	.470	108		HYD.
	EXH.			214			274	.327	.490	116		HYD.
22136	INT.			215			284	.313	.470	106		HYD.
	EXH.			230			310	.320	.480	114		HYD.
22141	INT.			216			288	.295	.501	108	1.7	HYD.
	EXH.			228			300	.300	.510	116		HYD.
22200	INT.	1 BTC	42 ABC	223	30 BTC	80 ABC	290	.298	.447	110	1.5	HYD.

## CAMSHAFT SPECIFICATIONS (Cont.)

Part No.		SAE Specs@										
		Specs @ 0.50 Cam Lift			(0.06/Rocker Arm Ratio) Cam Lift			Cam Lift	Gross Valve Lift	Center Line C/L	Rocker Arm Ratio	Valve Lash Clearance
	EXH.	Opens	Closes	Duration	Opens	Closes	Duration					
22201	EXH.	49 BBC	-6 BTC	223	78 BBC	32 ATC	290	.298	.447	118		HYD.
	INT.	1 BTC	42 ABC	223	31 BTC	80 ABC	291	.333	.566	110	1.7	HYD.
22203	EXH.	49 BBC	-6 ATC	223	79 BBC	32 ATC	291	.333	.566	118		HYD.
	INT.	0 BTC	34 ABC	214	32 BTC	76 ABC	288	.296	.444	107	1.5	HYD.
22204	EXH.	49 BBC	-5 ATC	224	81 BBC	37 ATC	298	.311	.466	117		HYD.
	INT.	-1 BTC	35 ABC	214	32 BTC	80 ABC	292	.296	.503	108	1.7	HYD.
22210	EXH.	48 BBC	-4 BTC	224	82 BBC	40 ATC	302	.311	.528	116		HYD.
	INT.	-3 BTC	47 ABC	224	27 BTC	84 ABC	291	.300	.450	114	1.5	HYD.
22213	EXH.	46 BBC	-2 ATC	224	75 BBC	32 ATC	287	.307	.460	114		HYD.
	INT.	0 BTC	34 ABC	214	31 BTC	76 ABC	287	.296	.444	107		HYD.
22214	EXH.	44 BBC	-10 ATC	214	75 BBC	32 ATC	287	.296	.444	117		HYD.
	INT.	-2 BTC	36 ABC	214	32 BTC	81 ABC	293	.296	.503	109	1.7	HYD.
22215	EXH.	46 BBC	-12 ATC	214	80 BBC	33 ATC	293	.296	.503	119		HYD.
	INT.	1 BTC	37 ATC	218	32 BTC	83 ABC	295	.286	.429	108	1.5	HYD.
22216	EXH.	41 BBC	-3 ATC	218	72 BBC	43 ATC	295	.286	.429	112		HYD.
	INT.	-4 BBC	38 ABC	214	29 BTC	81 ABC	290	.270	.476	110	1.76	HYD.
22217	EXH.	49 BBC	-11 ATC	218	86 BBC	37 ATC	303	.282	.496	120		HYD.
	INT.	-4 BTC	39 ABC	214	28 BTC	81 ABC	289	.270	.460	110	1.7	HYD.
22218	EXH.	49 BBC	-10 ATC	218	86 BBC	36 ATC	301	.282	.479	120		HYD.
	INT.	-4 BTC	38 ABC	214	28 BTC	81 ABC	289	.270	.460	110		HYD.
22219	EXH.	49 BBC	-11 ATC	218	86 BBC	36 ATC	301	.282	.479	120		HYD.
	INT.	-3 BTC	47 ABC	224	29 BTC	85 ABC	294	.300	.510	114		HYD.
22220	EXH.	48 BBC	-4 ATC	224	80 BBC	34 ATC	294	.300	.510	117		HYD.
	INT.	-3 BTC	47 ABC	224	28 BTC	85 ABC	293	.300	.510	114		HYD.
22221	EXH.	48 BBC	-4 ATC	224	79 BBC	34 ATC	293	.300	.510	117		HYD.
	INT.	-8 BTC	25 ABC	197	19 BTC	62 ABC	261	.289	.433	105	1.5	HYD.
22222	EXH.	36 BBC	-10 ATC	206	64 BBC	32 ABC	276	.300	.450	114		HYD.
	INT.	-9 BTC	31 ABC	202	27 BTC	71 ABC	278	.269	.403	108		HYD.
22223	EXH.	40 BBC	-6 ATC	214	75 BBC	39 ATC	294	.273	.410	116		HYD.
	INT.	0 BTC	44 ABC	224	37 BTC	79 ABC	296	.284	.483	113	1.7	Hyd
22230	EXH.	51 BBC	-7 ATC	224	88 BBC	28 ATC	296	.284	.483	118		Hyd
	INT.	2 BTC	32 ABC	214	34 BTC	74 ABC	287	.296	.444	105	1.5	HYD.
22232	EXH.	42 BBC	-8 ATC	214	74 BBC	34 ATC	287	.296	.444	115		HYD.
	INT.	4 BTC	36 ABC	220	46 BTC	78 ABC	304	.312	.468	106		HYD.
22233	EXH.	49 BBC	2 ATC	231	73 BBC	34 ATC	287	.320	.480	114		HYD.
	INT.	5 BTC	39 ABC	224	43 BTC	77 ABC	300	.291	.436	107		HYD.
22234	EXH.	41 BBC	3 ATC	224	79 BBC	41 ATC	300	.291	.436	109		HYD.
	INT.	7 BTC	37 ABC	224	34 BTC	69 ABC	283	.320	.480	107		HYD.
22235	EXH.	51 BBC	-1 ATC	230	78 BBC	33 ATC	291	.324	.486	113		HYD.
	INT.			224			224	.310	.465	112		HYD.
22236	EXH.			224			224	.310	.465	112		HYD.
	INT.			224			296	.310	.527	106	1.7	HYD.
22237	EXH.			234			308	.320	.544	114		HYD.
	INT.			215			284	.313	.470	108	1.5	HYD.
22238	EXH.			224			296	.327	.490	116		HYD.
	INT.			215			284	.313	.470	106		HYD.
22280	EXH.			215			284	.313	.470	114		HYD.
	INT.			220			283	.330	.495	107		HYD.
22296	EXH.			224			287	.335	.502	113		HYD.
	INT.	0 BTC	42 ABC	222	33 BTC	94 ABC	310	.294	.500	110	1.7	HYD.
22297	EXH.	57 BBC	-2 ATC	235	100 BBC	45 ATC	325	.297	.505	120		HYD.
	INT.	0 BTC	36 ABC	216	36 BTC	72 ABC	288	.295	.502	108		HYD.
22298	EXH.	50 BBC	-2 ATC	228	86 BBC	34 ATC	300	.300	.510	116		HYD.
	INT.	2 BTC	40 ABC	222	36 BTC	81 ABC	297	.319	.478	109	1.5	HYD.
22301	EXH.	55 BBC	-3 ATC	232	89 BBC	38 ATC	307	.334	.501	119		HYD.
	INT.	10 BTC	42 ABC	232	34 BTC	74 ABC	288	.320	.480	106		HYD.
22302	EXH.	46 BBC	6 ATC	232	70 BBC	38 ATC	288	.320	.480	110		HYD.
	INT.	9 BTC	41 ABC	230	42 BTC	87 ABC	309	.302	.513	106	1.7	HYD.
	EXH.	49 BBC	1 ATC	230	82 BBC	47 ATC	309	.302	.513	114		HYD.



## CAMSHAFT SPECIFICATIONS (Cont.)

Part No.		SAE Specs@										
		Specs @ 0.50 Cam Lift			(0.06/Rocker Arm Ratio) Cam Lift			Cam Lift	Gross Valve Lift	Center Line C/L	Rocker Arm Ratio	Valve Lash Clearance
		Opens	Closes	Duration	Opens	Closes	Duration					
22303	INT.	5 BTC	39 ABC	224	37 BTC	81 ABC	298	.311	.466	107	1.5	HYD.
	EXH.	54 BBC	0 ATC	234	85 BBC	39 ATC	304	.325	.488	117		HYD.
22305	INT.	10 BTC	44 ABC	234	41 BTC	82 ABC	303	.325	.488	107		HYD.
	EXH.	59 BBC	5 ATC	244	90 BBC	43 ATC	313	.339	.508	117		HYD.
22306	INT.	2 BTC	42 ABC	224	36 BTC	86 ABC	302	.311	.528	110	1.7	HYD.
	EXH.	55 BBC	-1 ATC	234	88 BBC	40 ATC	308	.325	.552	118		HYD.
22320	INT.	3 BTC	47 ABC	230	34 BTC	90 ABC	304	.302	.453	112	1.5	HYD.
	EXH.	51 BBC	-1 ATC	230	82 BBC	42 ATC	304	.302	.453	116		HYD.
22396	INT.	12 BTC	50 ABC	242	42 BTC	88 ABC	310	.306	.520	108	1.7	.020
	EXH.	60 BBC	2 ATC	242	84 BBC	33 ATC	297	.306	.520	120		.024
22397	INT.	10 BTC	44 ABC	234	37 BTC	79 ABC	296	.358	.538	107	1.5	HYD.
	EXH.	56 BBC	2 ATC	238	83 BBC	37 ATC	300	.364	.546	117		HYD.
22398	INT.	10 BTC	44 ABC	234	37 BTC	79 ABC	296	.358	.538	107		HYD.
	EXH.	56 BBC	2 ATC	238	83 BBC	37 ATC	300	.364	.546	117		HYD.
22400	INT.	19 BTC	58 ABC	257	40 BTC	84 ABC	304	.329	.494	108		.022
	EXH.	70 BBC	20 ATC	270	91 BBC	49 ATC	320	.341	.512	116		.024
22401	INT.	15 BTC	49 ABC	244	46 BTC	87 ABC	313	.339	.508	107		HYD.
	EXH.	63 BBC	11 ATC	254	95 BBC	53 ATC	328	.355	.533	117		HYD.
22402	INT.	16 BTC	44 ABC	240	37 BTC	67 ABC	282	.347	.521	104		.024
	EXH.	52 BBC	18 ATC	250	72 BBC	38 ATC	290	.347	.521	108		.024
22404	INT.	30 BTC	48 ABC	258	46 BTC	64 ABC	290	.358	.538	99		.026
	EXH.	64 BBC	22 ATC	266	80 BBC	38 ATC	298	.371	.556	111		.026
22407	INT.	16 BTC	54 ABC	250	39 BTC	82 ABC	301	.339	.576	108	1.7	.022
	EXH.	64 BBC	16 ATC	261	82 BBC	42 ATC	304	.376	.639	116		.026
22410	INT.	16 BTC	58 ABC	254	35 BTC	79 ABC	294	.323	.484	110	1.5	.030
	EXH.	64 BBC	10 ATC	254	83 BBC	31 ATC	294	.323	.484	118		.030
22427	INT.	22 BTC	62 ABC	264	46 BTC	96 ABC	322	.329	.559	108	1.7	.022
	EXH.	70 BBC	20 ATC	270	92 BBC	50 ATC	322	.341	.580	116		.026
22450	INT.	21 BTC	61 ABC	262	42 BTC	87 ABC	309	.341	.512	108	1.5	.022
	EXH.	71 BBC	22 ATC	273	90 BBC	48 ATC	318	.357	.536	116		.024
22460	INT.	17 BTC	49 ABC	246	45 BTC	77 ABC	302	.339	.508	106		HYD.
	EXH.	55 BBC	11 ATC	246	83 BBC	39 ATC	302	.339	.508	112		HYD.
22471	INT.	10 BTC	50 ABC	240	41 BTC	84 ABC	305	.329	.559	110	1.7	HYD.
	EXH.	57 BBC	9 ATC	246	87 BBC	44 ATC	311	.337	.572	114		HYD.
22472	INT.	6 BTC	51 ABC	237	49 BTC	106 ABC	335	.368	.626	109		HYD.
	EXH.	54 BBC	11 ATC	245	92 BBC	37 ATC	329	.376	.639	115		HYD.
22480	INT.	12 BTC	49 ABC	241	41 BTC	84 BBC	305	.329	.559	110		HYD.
	EXH.	57 BBC	9 ATC	246	87 BBC	43 ATC	310	.337	.572	114		HYD.
22485	INT.	12 BTC	44 ABC	236	52 BTC	84 ABC	316	.330	.561	106		HYD.
	EXH.	57 BBC	9 ATC	246	96 BBC	48 ATC	324	.340	.578	114		HYD.
23103	INT.	-15 BTC	33 ABC	198	16 BTC	82 ABC	278	.273	.410	114	1.5	HYD.
	EXH.	27 BBC	-8 ATC	199	61 BBC	41 ATC	282	.274	.412	108		HYD.
23104	INT.	15 ATC	33 ABC	198	16 BTC	82 ABC	278	.273	.410	114		HYD.
	EXH.	27 BBC	8 BTC	199	61 BBC	41 ATC	282	.274	.411	108		HYD.
23203	INT.	-1 BTC	35 ABC	214	31 BTC	77 ABC	288	.296	.444	108		HYD.
	EXH.	48 BBC	-4 ATC	224	80 BBC	38 ATC	298	.311	.466	116		HYD.
23204	INT.	0 BTC	34 ABC	214	32 BTC	76 ATC	288	.295	.443	107		HYD.
	EXH.	49 BBC	-5 ATC	224	81 BBC	37 ATC	298	.301	.452	117		HYD.
23302	INT.	10 BTC	46 ABC	236	43 BTC	79 BTC	302	.320	.480	108		HYD.
	EXH.	46 BBC	10 ATC	236	79 BBC	43 ATC	302	.320	.480	108		HYD.
23321	INT.			242			329		.476	106		HYD.
	EXH.			242			329		.476	106		HYD.
23401	INT.	12 BTC	50 ABC	242	42 BTC	90 ABC	311	.347	.521	108		HYD.
	EXH.	54 BBC	18 ATC	253	86 BBC	56 ATC	322	.367	.551	110		HYD.
24106	INT.	-12 BTC	16 ABC	184	18 BTC	61 ABC	258	.238	.380	103	1.6	HYD.
	EXH.	28 BBC	-16 ATC	192	59 BBC	32 ATC	270	.247	.396	111		HYD.
24107	INT.	-15 BTC	32 ABC	197	18 BTC	82 ABC	280	.260	.416	114		HYD.
	EXH.	38 BBC	-9 ATC	209	71 BBC	42 ATC	293	.278	.444	114		HYD.
24108	INT.	-12 BTC	22 ABC	190	16 BTC	62 ABC	258	0.257	0.412	106		HYD.

## CAMSHAFT SPECIFICATIONS (Cont.)

Part No.		SAE Specs@										
		Specs @ 0.50 Cam Lift			(0.06/Rocker Arm Ratio) Cam Lift			Cam Lift	Gross Valve Lift	Center Line C/L	Rocker Arm Ratio	Valve Lash Clearance
	EXH.	Opens	Closes	Duration	Opens	Closes	Duration					
24110	EXH.	35 BBC	-13 ATC	202	62 BBC	29 ATC	271	0.273	0.437	114		HYD.
	INT.			210			298	.278	.444	116		HYD
	EXH.			211			282	.278	.444	115		HYD
24111	INT.	-3 BTC	31 ABC	208	33 BTC	71 ABC	284	.280	.485	107	1.73	HYD.
	EXH.	39 BBC	-11 ATC	208	75 BBC	29 ATC	284	.280	.485	115		HYD.
24203	INT.	-1 BTC	35 ABC	214	30 BTC	78 ABC	288	.295	.473	108	1.6	HYD.
	EXH.	48 BBC	-4 ATC	224	81 BBC	39 ATC	300	.310	.497	116		HYD.
24204	INT.	1 BTC	33 ABC	214	34 BTC	78 ABC	292	.295	.511	106	1.73	HYD.
	EXH.	50 BBC	-6 ATC	224	84 BBC	38 ATC	302	.310	.537	118		HYD.
24205	INT.	0 BDC	34 ABC	214	34 BTC	78 ABC	292	.295	.511	104		HYD.
	EXH.	49 BBC	-5 ATC	224	83 BBC	39 ATC	302	.310	.537	120		HYD.
24206	INT.	0 BTC	34 ABC	214	33 BTC	79 ABC	292	.296	.511	107		HYD.
	EXH.	49 BBC	-5 ATC	224	83 BBC	39 ATC	302	.310	.544	117		HYD.
24209	INT.	13 ATC	40 ABC	207	17 BTC	85 ABC	282	.278	.445	117	1.6	HYD.
	EXH.	47 BBC	6 BTC	221	83 BBC	41 ATC	304	.283	.453	113		HYD.
24210	INT.	5 BTC	39 ABC	224	38 BTC	82 ABC	300	.310	.497	107		HYD.
	EXH.	54 BBC		234	86 BBC	40 ATC	306	.325	.520	117		HYD.
24211	INT.	5 BTC	39 ABC	224	38 BTC	82 ABC	300	.310	.497	107		HYD.
	EXH.	54 BBC		234	86 BBC	40 ATC	306	.325	.520	117		HYD.
24212	INT.	3 BTC	35 ABC	218	38 BTC	82 ABC	297	.286	.458	106		HYD.
	EXH.	49 BBC	-11 ATC	218	81 BBC	36 ATC	297	.286	.457	120		HYD.
24213	INT.	-1 BTC	37 ABC	216	38 BTC	90 ABC	308	.285	.493	109	1.73	HYD.
	EXH.	50 BBC	-10 ATC	220	89 BBC	43 ATC	312	.290	.502	120		HYD.
24214	INT.			219			285	.311	.498	110	1.6	HYD
	EXH.			219			285	.311	.498	110		HYD
24218	INT.	3 BTC	41 ABC	224	37 BTC	98 ABC	315	.292	.506	109	1.73	HYD.
	EXH.	47 BBC	-3 ATC	224	81 BBC	54 ATC	315	.292	.506	115		HYD.
24224	INT.	1 BTC	38 ABC	219	42 BTC	88 ABC	310	.292	.505	108		HYD.
	EXH.	49 BBC	-10 ATC	219	90 BBC	40 ATC	310	.292	.505	120		HYD.
24225	INT.	2 BTC	37 ABC	219	42 BTC	86 ABC	308	.292	.467	107	1.6	HYD.
	EXH.	48 BBC	9 ATC	219	88 ABC	40 ATC	308	.292	.467	119		HYD.
24226	INT.	-3 BTC	35 ABC	212	33 BTC	76 ABC	289	.307	.491	107		HYD.
	EXH.	49 BBC	-7 ATC	222	84 BBC	36 ATC	300	.318	.509	117		HYD.
24227	INT.	5 BTC	37 ABC	222	40 BTC	80 ABC	300	.318	.509	107		HYD.
	EXH.	55 BBC	-3 ATC	232	90 BBC	39 ATC	309	.332	.532	117		HYD.
24280	INT.	1 BTC	39 ABC	220	29 BTC	76 ABC	286	.320	.512	109		HYD.
	EXH.	46 BBC	-3 ATC	223	76 BBC	36 ATC	292	.320	.512	115		HYD.
24301	INT.	9 BTC	42 ABC	231	34 BTC	74 ABC	288	.320	.512	106		HYD.
	EXH.	49 BBC	2 ATC	231	74 BBC	34 ATC	288	.320	.512	114		HYD.
24302	INT.	7 BTC	43 ABC	230	39 BTC	85 ABC	304	.320	.554	107	1.73	HYD.
	EXH.	45 BBC	5 ATC	230	77 BBC	47 ATC	304	.320	.554	111		HYD.
24303	INT.	5 BTC	39 ABC	224	39 BTC	82 ABC	302	.311	.538	107		HYD.
	EXH.	54 BBC		234	87 BBC	41 ATC	308	.325	.562	117		HYD.
24305	INT.	6 BTC	41 ABC	227	37 BTC	81 ABC	298	.325	.520	107	1.6	HYD
	EXH.	54 BBC		234	85 BBC	37 ATC	302	.325	.520	117		HYD
24401	INT.	17 BTC	47 ABC	244	40 BTC	72 ABC	292	.329	.569	104	1.73	.026
	EXH.	54 BBC	20 ATC	254	79 BBC	42 ATC	301	.341	.589	108		.026
24406	INT.	15 BTC	49 ABC	244	40 BTC	74 ABC	294	.340	.588	107		.026
	EXH.	63 BBC	11 ATC	254	88 BBC	36 ATC	304	.355	.614	117		.026
25211	INT.	1 BTC	33 ABC	214	33 BTC	76 ABC	289	.296	.473	106	1.6	HYD.
	EXH.	50 BBC	-6 BTC	224	83 BBC	37 ATC	300	.310	.497	118		HYD.
25309	INT.	12 BTC	52 ABC	244	42 BTC	92 ABC	314	0.297	0.475	110		HYD.
	EXH.	52 BBC	12 ATC	244	82 BBC	52 ATC	314	0.297	0.475	110		HYD.
25310	INT.	9 BTC	43 ABC	232	48 BTC	101 ABC	329	0.296	.474	112		HYD
	EXH.	55 BBC	-3 ATC	232	94 BBC	55 ATC	329	0.296	.474	114		HYD
26204	INT.	-1 BTC	35 ABC	214	31 BTC	76 ABC	288	.296	.443	108	1.5	HYD.
	EXH.	48 BBC	-4 BTC	224	80 BBC	38 ATC	298	.311	.466	116		HYD.
26303	INT.	0 BTC	44 ABC	224	32 BTC	86 ATC	298	0.271	.407	112		HYD.
	EXH.	57 BBC	-1 ATC	236	87 BBC	43 ATC	310	0.271	.407	119		HYD.

## CAMSHAFT SPECIFICATIONS (Cont.)

Part No.		SAE Specs@											
		Specs @ 0.50 Cam Lift			(0.06/Rocker Arm Ratio) Cam Lift			Cam Lift	Gross Valve Lift	Center Line C/L	Rocker Arm Ratio	Valve Lash Clearance	
		Opens	Closes	Duration	Opens	Closes	Duration						
26308	INT.	3 BTC	48 ABC	231	36 BTC	88 ABC	304	.313	.470	112		HYD.	
	EXH.	54 BBC	6 ATC	240	87 BBC	49 ATC	316	.131	.470	115		HYD.	
27101	INT.	2 BTC	32 ABC	214	0 BTC			.267	.417	105	1.56	.012	
	EXH.	47 BBC	-3 ATC	224				.275	.429	115		.012	
27201	INT.	7 BTC	37 ABC	224	0 BTC			.275	.429	105		.012	
	EXH.	52 BBC	2 ATC	234				.283	.441	115		.012	
C-410-P	INT.	-3 BTC	47 ABC	224	27 BTC	84 ABC	291	.300	.450	114	1.5	HYD.	
	EXH.	46 BBC	-2 ATC	224	75 BBC	32 ATC	287	.306	.460	114		HYD.	
CCR-9	INT.							276	.263				
	EXH.							268	.263				
MC1244	INT.				182				.246				HYD.
	EXH.				182				.246				HYD.
MTA-1	INT.	-3 ATC	27 ABC	204	30 BTC	70 ABC	280	.280	.449	105	1.6	HYD.	
	EXH.	42 BBC	-8 ATC	214	74 BBC	35 ATC	289	.296	.473	115		HYD.	
MTB-1	INT.	-10 BTC	34 ABC	204	23 BTC	77 ABC	280	.280	.449	112		HYD.	
	EXH.	39 BBC	-5 ATC	214	72 BBC	38 ATC	290	.296	.473	112		HYD.	
MTB-2	INT.	-12 ATC	26 ABC	194	22 BTC	70 ABC	272	.265	.424	109		HYD.	
	EXH.	41 BBC	-17 ATC	204	74 BBC	26 ATC	280	.280	.449	119		HYD.	
MTC-1	INT.	-5 ATC	29 ABC	204	27 BTC	71 ABC	278	.280	.421	107	1.5	HYD.	
	EXH.	44 BBC	-10 ATC	214	76 BBC	32 ATC	288	.296	.444	117		HYD.	
MTC-5	INT.	-5 BTC	29 ABC	204	27 BTC	71 ABC	278	.280	.421	107		HYD.	
	EXH.	44 BBC	-10 ATC	214	76 BBC	32 ATC	288	.295	.443	117		HYD.	
MTC-6	INT.	-6 BTC	30 ABC	204	36 BTC	72 ABC	288	.270	.459	108	1.7	HYD.	
	EXH.	40 BBC	-12 ATC	208	86 BBC	32 ATC	298	.270	.459	116		HYD.	
MTD-1	INT.	-6 BTC	30 ABC	204	26 BTC	72 ABC	278	.280	.421	108	1.5	HYD.	
	EXH.	43 BBC	-9 ATC	214	75 BBC	33 ATC	288	.295	.443	116		HYD.	
MTD-2	INT.	-5 BTC	29 ABC	204	27 BTC	71 ABC	278	.280	.421	107		HYD.	
	EXH.	44 BBC	-10 ATC	214	75 BBC	33 ATC	288	.295	.443	117		HYD.	
MTF-1	INT.	-6 BTC	30 ABC	204	27 BTC	73 ABC	280	.280	.449	108	1.6	HYD.	
	EXH.	43 BBC	-9 ATC	214	75 BBC	34 ATC	289	.295	.473	116		HYD.	
MTF-2	INT.	-4 BTC	28 ABC	204	30 BTC	72 ABC	282	.280	.485	106	1.73	HYD.	
	EXH.	45 BBC	-11 ATC	214	78 BBC	34 ATC	292	.295	.511	118		HYD.	
MTF-3	INT.	-5 BTC	29 ABC	204	29 BTC	73 ABC	282	.280	.485	107		HYD.	
	EXH.	44 BBC	-10 ATC	214	77 BBC	35 ATC	292	.295	.512	117		HYD.	
MTF-4	INT.	-5 BTC	29 ABC	204	29 BTC	73 ABC	282	.280	.485	104		HYD.	
	EXH.	44 BBC	-10 ATC	214	78 BBC	34 ATC	292	.295	.511	120		HYD.	
MTF-5	INT.	-5 BTC	29 ABC	204	28 BTC	72 ABC	280	.280	.449	107	1.6	HYD.	
	EXH.	44 BBC	-10 ATC	214	77 BBC	33 ATC	290	.295	.473	117		HYD.	
MTF-6	INT.	-4 BTC	28 ABC	204	29 BTC	71 ABC	280	.281	.449	106		HYD.	
	EXH.	41 BBC	-7 ATC	214	73 BBC	36 ATC	289	.296	.473	114		HYD.	
MTO-1	INT.	-4 BTC	29 ABC	204	28 BTC	71 ABC	280	.280	.449	106		HYD.	
	EXH.	45 BBC	-11 ATC	214	77 BBC	32 ATC	289	.295	.473	118		HYD.	
MTP-1	INT.	-6 BTC	30 ABC	204	26 BTC	72 ABC	278	.280	.421	108	1.5	HYD.	
	EXH.	43 BBC	-9 ATC	214	75 BBC	33 ATC	288	.295	.443	116		HYD.	

## ABBREVIATIONS USED TO INDICATE CAR AND TRUCK MANUFACTURERS

ACUR: ACURA	JAGU: JAGUAR
ALFA: ALFA ROMEO	JEEP: JEEP
ALLT: ALLIS CHALMERS LIFT TRUCK	JOHN: JOHN DEERE TRACTOR
ALTR: ALLIS CHALMERS TRACTOR	KAIS: KAISER
AMC: AMERICAN MOTORS	KIA: KIA
AMC: PERFORMANCE - AMERICAN MOTORS & JEEP	LEXU: LEXUS
AUDI: AUDI	MAZD: MAZDA
AUS: AUSTIN	MENZ: MERCEDES BENZ
BMW: BMW	MERC: MERCURY (INC. LINCOLN)
BUIC: BUICK	MERC: MERCURY MARINE
BUIC: PERFORMANCE - BUICK	MGGG: MG
CADL: CADILLAC	MINN: MINNEAPOLIS-MOLINE
CASE: CASE TRACTOR	MIT: MITSUBISHI
CATP: CATERPILLAR	NISS: NISSAN/DATSUN
CHEV: CHEVROLET	NISS: NISSAN INDUSTRIAL
CHEV: PERFORMANCE - CHEVROLET CARS & TRUCKS	OLDS: OLDSMOBILE
CHYL: CHRYSLER	OLDS: PERFORMANCE - OLDSMOBILE
CHYL: PERFORMANCE - CHRYSLER PRODUCTS	OLTR: OLIVER TRACTOR
CHYL: CHRYSLER MARINE	OMC: OMC
CHYU: CHRYLSER-INDUSTRIAL	OPEL: OPEL
CONT: CONTINENTAL	PERK: PERKINS
CUMM: CUMMINS	PEUG: PEUGEOT
DAEW: DAEWOO	PLYM: PLYMOUTH
DAIH: DAIHATSU	PONT: PONTIAC
DESO: DESOTO	PONT: PERFORMANCE - PONTIAC
DETD: DETROIT DIESEL	PORS: PORSCHE
DODG: DODGE	RENL: RENAULT
DODT: DODGE TRUCK	REO: REO
EAGL: EAGLE	ROVE: ROVER
FIAT: FIAT	SAAB: SAAB
FORD: FORD	SATU: SATURN
FORD: PERFORMANCE - FORD PRODUCTS & TRUCKS	SCI: SCION
FORD: FORD MARINE	STUD: STUDEBAKER
FOTR: FORD TRUCK	SUBU: SUBARU
FOTT: FORD TRACTOR	SUZI: SUZUKI
FOTU: FORD INDUSTRIAL	TOY: SPORT COMPACT PERFORMANCE - TOYOTA CARS & TRUCKS
GMC: GMC/CHEVY TRUCKS	TOYO: TOYOTA
HENR: HENRY-J	TRIU: TRIUMPH
HERC: HERCULES	VOLK: VOLKSWAGEN
HOND: HONDA	VOLV: VOLVO
HUM: HUMMER	WAUK: WAUKESHA
HYUN: HYUNDAI	WHIT: WHITE TRUCK
IHC: I.H.C. TRUCK	WHTR: WHITE PDQ TRUCKS
IHCT: I.H.C. TRACTOR & POWER UNITS	WISC: WISCONSIN
INFI: INFINITI	YUGO: YUGO
ISUZ: ISUZU	
ISUZ: PERFORMANCE - ISUZU	

Part No.	Application	Part No.	Application
<b>OIL PUMP - PERFORMANCE</b>		<b>OIL PUMP - PERFORMANCE (Cont.)</b>	
10176	FORD - 281 (1996-04)	10295	CHEV, PONT, ISUZ - 293, 323, 325, 350, 364 (1997-09)
10190	CHYL - 122 (1995-05)	10296	CHEV, PONT, ISUZ - 293, 323, 325, 350, 364 (1997-09)
10227	FORD - 281 (1996-04)		

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Part No.	Application	Part No.	Application
<b>OIL PUMP - PERFORMANCE (Cont.)</b>		<b>OIL PUMP - PERFORMANCE (Cont.)</b>	
10340	FORD - 281, 330 (2004-09)	M-57B	FORD, MERC, FORD - 390, 428 (1961-71)
10342	CHYL - 345, 370 (2003-07)	M-57HV	FORD, FOTU, FOTR, MERC, FORD - 330, 332, 352, 360, 361, 383, 390, 410, 427, 428, 430, 462 (1978)
10355	CHEV, PONT - 325, 350, 364, 378 (1997-08)	M-63HP	CHYL, DESO, DODG, DODT, PLYM, CHYL, CHYL - 350, 361, 383, 400, 413, 426, 440 (1979)
10540	PONT - 301, 326, 350, 389, 400, 421, 428, 455 (1959-81)	M-63HV	CHYL, DESO, DODG, DODT, PLYM, CHYL, CHYL - 350, 361, 383, 400, 413, 426, 440 (1979)
10541	PONT - 301, 326, 350, 389, 400, 421, 428, 455 (1959-81)	M-72HV	CHYL, DODG, DODT, JEEP, PLYM, CHYL, CHYL - 239, 273, 318, 340, 360 (2003)
10550	CHEV - 262, 267, 283, 302, 305, 307, 327, 350, 400 (1957-03)	M-84AHV	FORD, FOTR, MERC, FORD - 351, 400 (1970-82)
10551	CHEV - 262, 267, 283, 302, 305, 307, 327, 350, 400 (1957-03)	M-99HV-S	CHEV, CHEV - 262, 267, 283, 302, 305, 307, 327, 350, 400 (1957-03)
10552	CHEV - 262, 267, 283, 302, 305, 307, 327, 350, 400 (1957-02)	M393	NISS - -, 110 (2007-11)
10552C	CHEV - 262, 267, 283, 302, 305, 307, 327, 350, 400 (1957-02)	<b>OIL PUMP SCREEN ASSEMBLIES - PERFORMANCE</b>	
10553	CHEV - 262, 267, 283, 302, 305, 307, 327, 350, 400 (1957-02)	12557	CHEV - 262, 267, 283, 302, 305, 307, 327, 350, 400 (1957-02)
10554	CHEV - 262, 267, 283, 302, 305, 307, 327, 350, 400 (1957-02)	12558	CHEV - 262, 267, 283, 302, 305, 307, 327, 350, 400 (1957-02)
10555	CHEV - 262, 267, 283, 302, 305, 307, 327, 350, 400 (1957-02)	12559	CHEV - 262, 267, 283, 302, 305, 307, 327, 350, 400 (1957-02)
10555C	CHEV - 262, 267, 283, 302, 305, 307, 327, 350, 400 (1957-02)	12564	CHEV - 262, 267, 283, 302, 305, 307, 327, 350, 400 (1957-02)
10687	FORD - 260, 289, 302 (1962-01)	12566	CHEV - 262, 267, 283, 302, 305, 307, 327, 350, 400 (1957-02)
10688	FORD - 260, 289, 302 (1962-01)	<b>CAMSHAFTS - PERFORMANCE</b>	
10770	CHEV - 396, 400, 402, 427, 454 (1965-97)	20402	AMC - 290, 304, 343, 360, 390, 401 (1967-79)
10774	CHEV - 396, 400, 402, 427, 454 (1965-97)	21300	BUIC - 231 (1977-87)
10778	CHEV - 396, 400, 402, 427, 454 (1965-97)	22100	CHEV - 396, 400, 402, 427, 454 (1965-97)
10778C	CHEV - 396, 400, 402, 427, 454 (1965-97)	22107	CHEV - 267, 283, 302, 305, 307, 327, 350, 400 (1957-02)
10832	FORD - (1969-97)	22108	CHEV - 267, 283, 302, 305, 307, 327, 350, 400 (1957-02)
10833	FORD - (1969-97)	22109	CHEV - 267, 283, 302, 305, 307, 327, 350, 400 (1957-02)
10990	CHEV - 262, 267, 283, 302, 305, 307, 327, 350, 400 (1957-02)	22110	CHEV - 267, 283, 302, 305, 307, 327, 350, 400 (1957-02)
10990C	CHEV - 262, 267, 283, 302, 305, 307, 327, 350, 400 (1957-02)	22111	CHEV - 305, 327, 350, 400 (1962-02)
10050-700CT	CHEV - 262, 267, 283, 302, 305, 307, 327, 350, 400 (1957-02)	22113	CHEV - (1985-03)
10050-750SS	CHEV - 262, 267, 283, 302, 305, 307, 327, 350, 400 (1957-02)	22114	CHEV - 267, 283, 302, 305, 307, 327, 350, 400 (1957-02)
10050-825SS	CHEV - 262, 267, 283, 302, 305, 307, 327, 350, 400 (1957-02)	22115	CHEV - 267, 283, 302, 305, 307, 327, 350, 400 (1957-02)
10055-700CT	CHEV - 262, 267, 283, 302, 305, 307, 327, 350, 400 (1957-02)	22116	MERC, OMC - 153
10055-750SS	CHEV - 262, 267, 283, 302, 305, 307, 327, 350, 400 (1957-02)	22117	MERC, OMC - 181
10055-825SS	CHEV - 262, 267, 283, 302, 305, 307, 327, 350, 400 (1957-02)	22118	MERC, OMC - 250
10070-800SS	CHEV - 396, 400, 402, 427, 454 (1965-97)	22119	GMC, MERC - 262 (1991)
10070-900SS	CHEV - 396, 400, 402, 427, 454 (1965-97)	22120	MERC - 262
10077-800SS	CHEV - 396, 400, 402, 427, 454 (1965-97)	22121	MERC - 262
10077-900SS	CHEV - 396, 400, 402, 427, 454 (1965-97)	22123	MERC - 262
10070-1000SS	CHEV - 396, 400, 402, 427, 454 (1965-97)	22124	MERC, OMC - 283, 305, 307, 327, 350
M-22FHV	BUIC, CADL, CHEV, GMC, OLDS, PONT, OLDS - 260, 307, 330, 350, 394, 400, 403, 425, 455 (1959-90)	22125	MERC, OMC - 283, 305, 307, 327, 350
		22126	CHEV - 267, 283, 302, 305, 307, 327, 350, 400 (1957-02)

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Part No.	Application	Part No.	Application
<b>CAMSHAFTS - PERFORMANCE (Cont.)</b>		<b>CAMSHAFTS - PERFORMANCE (Cont.)</b>	
<b>22127</b>	CHEV - 396, 400, 402, 427, 454 (1965-97)	<b>22306</b>	CHEV - 396, 400, 402, 427, 454 (1965-97)
<b>22128</b>	CHEV - (1985-03)	<b>22320</b>	CHEV - 262, 267, 283, 302, 305, 307, 327, 350, 400 (1957-02)
<b>22129</b>	CHEV - 305, 350 (1967-02)	<b>22396</b>	CHEV - 396, 400, 402, 427, 454 (1965-97)
<b>22131</b>	CHEV - 305, 350 (1967-02)	<b>22397</b>	CHEV - 305, 350 (1967-02)
<b>22135</b>	CHEV - 262, 267, 283, 302, 305, 307, 327, 350, 400 (1957-02)	<b>22398</b>	CHEV - 262, 267, 283, 302, 305, 307, 327, 350, 400 (1957-02)
<b>22136</b>	CHEV - 262, 267, 283, 302, 305, 307, 327, 350, 400 (1957-02)	<b>22400</b>	CHEV - 262, 267, 283, 302, 305, 307, 327, 350, 400 (1957-02)
<b>22141</b>	CHEV - 396, 400, 402, 427, 454 (1965-97)	<b>22401</b>	CHEV - 262, 267, 283, 302, 305, 307, 327, 350, 400 (1957-02)
<b>22200</b>	CHEV - 262, 267, 283, 302, 305, 307, 327, 350, 400 (1957-02)	<b>22402</b>	CHEV - 262, 267, 283, 302, 305, 307, 327, 350, 400 (1957-02)
<b>22201</b>	CHEV, PONT - 350 (1997-04)	<b>22404</b>	CHEV - 262, 267, 283, 302, 305, 307, 327, 350, 400 (1957-02)
<b>22203</b>	CHEV - 267, 283, 302, 305, 307, 327, 350, 400 (1957-02)	<b>22404</b>	CHEV - 262, 267, 283, 302, 305, 307, 327, 350, 400 (1957-02)
<b>22204</b>	CHEV - 396, 400, 402, 427, 454 (1965-97)	<b>22407</b>	CHEV - 396, 400, 402, 427, 454 (1965-97)
<b>22210</b>	CHEV - 262, 267, 283, 302, 305, 307, 327, 350, 400 (1957-02)	<b>22410</b>	CHEV - 262, 267, 283, 302, 305, 307, 327, 350, 400 (1957-02)
<b>22213</b>	CHEV - 267, 283, 302, 305, 307, 327, 350, 400 (1957-02)	<b>22427</b>	CHEV - 396, 400, 402, 427, 454 (1965-97)
<b>22214</b>	CHEV - 396, 400, 402, 427, 454 (1965-97)	<b>22450</b>	CHEV - 262, 267, 283, 302, 305, 307, 327, 350, 400 (1957-02)
<b>22215</b>	CHEV - 267, 283, 302, 305, 307, 327, 350, 400 (1957-02)	<b>22460</b>	CHEV - 262, 267, 283, 302, 305, 307, 327, 350, 400 (1957-02)
<b>22216</b>	MERC - 427, 454	<b>22471</b>	CHEV - 396, 400, 402, 427, 454 (1965-97)
<b>22217</b>	MERC - 427, 454	<b>22472</b>	CHEV - 396, 400, 402, 427, 454 (1965-97)
<b>22218</b>	MERC - 427, 454	<b>22480</b>	CHEV - 396, 400, 402, 427, 454 (1965-97)
<b>22219</b>	MERC - 427, 454, 502	<b>22485</b>	CHEV - 396, 400, 402, 427, 454 (1965-97)
<b>22220</b>	MERC - 427, 454	<b>23103</b>	CHYL - 273, 318, 340, 360
<b>22221</b>	CHEV, MERC - 305, 350 (2002)	<b>23104</b>	CHYL - 273, 318, 340, 360
<b>22222</b>	MERC - 262	<b>23203</b>	CHYL - 273, 318, 340 (1965-02)
<b>22223</b>	MERC - 454, 502	<b>23204</b>	CHYL - 361, 383, 400, 413, 426 (1959-78)
<b>22230</b>	CHEV - 262, 267, 283, 302, 305, 307, 327, 350, 400 (1957-02)	<b>23302</b>	CHYL - 361, 383, 400, 413, 426 (1959-78)
<b>22232</b>	CHEV - 262, 267, 283, 302, 305, 307, 327, 350, 400 (1957-02)	<b>23321</b>	CHYL - 361, 383, 413, 426 (1959-78)
<b>22233</b>	CHEV - 262, 267, 283, 302, 305, 307, 327, 350, 400 (1957-02)	<b>23401</b>	CHYL - 361, 383, 400, 413, 426 (1959-78)
<b>22234</b>	CHEV - 262, 267, 283, 302, 305, 307, 327, 350, 400 (1957-02)	<b>24106</b>	FORD, MERC - 289, 302, 351
<b>22235</b>	CHEV - 262, 267, 283, 302, 305, 307, 327, 350, 400 (1957-02)	<b>24107</b>	FORD, MERC - 289, 302, 351
<b>22236</b>	CHEV - 396, 400, 402, 427, 454 (1965-97)	<b>24108</b>	FORD - 260, 289, 302 (1962-01)
<b>22237</b>	CHEV - 262, 267, 283, 302, 305, 307, 327, 350, 400 (1957-02)	<b>24110</b>	FORD - 260, 289, 302 (1962-01)
<b>22238</b>	CHEV - 262, 267, 283, 302, 305, 307, 327, 350, 400 (1957-02)	<b>24111</b>	FORD - 351, 400 (1970-82)
<b>22280</b>	CHEV - 350 (1967-02)	<b>24203</b>	FORD - 260, 289, 302 (1962-01)
<b>22296</b>	CHEV - 396, 400, 402, 427, 454 (1965-97)	<b>24204</b>	FORD - 351, 400 (1970-82)
<b>22297</b>	CHEV - 454 (1970-97)	<b>24205</b>	FORD - 352, 360, 390, 406, 427, 428 (1958-76)
<b>22298</b>	CHEV - 305, 350 (1967-02)	<b>24206</b>	FORD - 429, 460 (1968-97)
<b>22301</b>	CHEV - 262, 267, 283, 302, 305, 307, 327, 350, 400 (1957-02)	<b>24209</b>	FORD, MERC - 289, 302, 351
<b>22302</b>	CHEV - 396, 400, 402, 427, 454 (1965-97)	<b>24210</b>	FORD - 260, 289 (1962-68)
<b>22303</b>	CHEV - 262, 267, 283, 302, 305, 307, 327, 350, 400 (1957-02)	<b>24211</b>	FORD - (1969-97)
<b>22305</b>	CHEV - 262, 267, 283, 302, 305, 307, 327, 350, 400 (1957-02)	<b>24212</b>	FORD - 260, 289, 302 (1962-01)
		<b>24213</b>	FORD - 429, 460
		<b>24214</b>	FORD - 260, 289, 302 (1962-01)
		<b>24218</b>	FORD - 352, 360, 390, 406, 427, 428 (1958-76)
		<b>24224</b>	FORD - 351, 400 (1970-82)
		<b>24225</b>	FORD - (1969-97)
		<b>24226</b>	FORD - 302 (1968-01)
		<b>24227</b>	FORD - 302 (1968-01)
		<b>24280</b>	FORD - 302 (1968-01)

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Part No.	Application	Part No.	Application
<b>CAMSHAFTS - PERFORMANCE (Cont.)</b>		<b>LIFTERS - PERFORMANCE</b>	
<b>24301</b>	FORD - 260, 289, 302 (1962-01)	<b>290114</b>	AMC, CHYL - 273, 290, 304, 318, 340, 343, 360, 390, 401 (1965-02)
<b>24302</b>	FORD - 352, 360, 390, 406, 427, 428 (1958-76)	<b>290834</b>	FORD - 352, 360, 390, 406, 427, 428 (1958-76)
<b>24303</b>	FORD - 351, 400 (1970-82)	<b>290954</b>	CHEV - 173, 189 (1980-94)
<b>24305</b>	FORD - 260, 289, 302 (1962-01)	<b>298174</b>	CHEV - 262, 267, 283, 302, 305, 307, 327, 350, 396, 400, 402, 427, 454 (1957-03)
<b>24401</b>	FORD - 351, 400 (1970-82)	<b>298184</b>	CHEV - 262, 267, 283, 302, 305, 307, 327, 350, 396, 400, 402, 427, 454 (1957-03)
<b>24406</b>	FORD - 429, 460 (1968-97)	<b>298724</b>	FORD - 352, 360, 390, 406, 427, 428 (1958-76)
<b>25211</b>	OLDS - 260, 307, 350, 400, 403, 425, 455 (1965-88)	<b>299004</b>	FORD - 260, 289, 302, 351, 400, 429, 460 (1962-01)
<b>25309</b>	OLDS - 260, 307, 350, 400, 403, 425, 455 (1965-88)	<b>299014</b>	FORD - 260, 289, 302, 351, 400, 429, 460 (1962-01)
<b>25310</b>	OLDS - 260, 307, 350, 400, 403, 425, 455 (1965-88)	<b>299374</b>	CHYL - 273, 318, 340, 361, 383, 400, 413, 426 (1959-02)
<b>26204</b>	PONT - 301, 326, 350, 389, 400, 421, 428, 455 (1959-81)	<b>299514</b>	OLDS, PONT - 260, 307, 326, 350, 389, 400, 403, 421, 428, 455 (1959-88)
<b>26303</b>	PONT - 301, 326, 350, 389, 400, 421, 428, 455 (1959-81)	<b>299694</b>	BUIC, CHEV, PONT - 181, 231, 252, 301, 454 (1970-97)
<b>26308</b>	PONT - 301, 326, 350, 389, 400, 421, 428, 455 (1959-81)	<b>299704</b>	BUIC, CHEV, PONT - 181, 231, 252, 301, 454 (1970-97)
<b>27101</b>	TOY - (1975-95)	<b>299764</b>	CHYL - 383, 400 (1959-78)
<b>27201</b>	TOY - (1975-95)	<b>299984</b>	AMC - 290, 304, 343, 360, 390, 401 (1967-79)
<b>C-400-P</b>	CHEV, CHEV - 262, 267, 283, 302, 305, 307, 327, 350, 400 (1957-02)	<b>BB817RF16</b>	CHEV - 396, 400, 402, 427, 454 (1965-97)
<b>C-410-P</b>	CHEV - 350 (1967-81)	<b>BB969RF16</b>	CHEV - 427, 454 (1970-97)
<b>CCR-9</b>	CHEV - 292 (1964-72)	<b>F1900RF16</b>	FORD - 260, 289, 302, 351, 400 (1962-01)
<b>MC1244</b>	CHYL, DODG, DODT, MITS, PLYM - 181 (1987-00)	<b>JB-2079</b>	BUIC, CADL, CHEV, GMC, ISUZ, OLDS, PONT, SAAB, HUM, CHEV, MERC - 323, 325, 151, 204, 231, 250, 262, 265, 267, 273, 283, 294, 300, 302, 305, 307, 323, 323, 325, 323, 325, 325, 327, 346, 350, 364, 378, (2011)
<b>MTA-1</b>	AMC, JEEP, AMC - 290, 304, 343, 360, 390, 401 (1966-91)	<b>SB079RF16</b>	CHEV - 305, 350 (1967-02)
<b>MTB-1</b>	BUIC, CADL, CHEV, OLDS, PONT, BUIC - 181, 196, 231, 252 (1977-87)	<b>SB817RF16</b>	CHEV - 262, 267, 283, 302, 305, 307, 327, 350, 400 (1957-02)
<b>MTB-2</b>	BUIC, CADL, CHEV, OLDS, PONT, BUIC - 181, 196, 231, 252 (1977-87)	<b>CAMSHAFT LIFTER KITS - PERFORMANCE</b>	
<b>MTC-1</b>	BUIC, CHEV, GMC, OLDS, PONT, CHEV - 262, 265, 267, 283, 302, 305, 307, 327, 350, 400 (1955-02)	<b>CL-MTA-1</b>	AMC, JEEP, AMC - 290, 304, 343, 360, 390, 401 (1966-91)
<b>MTC-5</b>	BUIC, CADL, CHEV, GMC, ISUZ, JEEP, OLDS, PONT, CHEV - -, 173, 189 (1980-94)	<b>CL-MTB-1</b>	BUIC, CADL, CHEV, OLDS, PONT, BUIC - 181, 196, 231, 252 (1977-87)
<b>MTC-6</b>	CHEV, GMC, CHEV - 396, 400, 402, 427, 454 (1965-00)	<b>CL-MTB-2</b>	BUIC, CADL, CHEV, OLDS, PONT, BUIC - 181, 196, 231, 252 (1977-87)
<b>MTD-1</b>	CHYL, DODG, DODT, PLYM, CHYL - 273, 318, 340, 360 (1958-03)	<b>CL-MTC-1</b>	BUIC, CHEV, GMC, OLDS, PONT, CHEV - 262, 265, 267, 283, 302, 305, 307, 327, 350, 400 (1955-02)
<b>MTD-2</b>	CHYL, DODG, DODT, PLYM, CHYL - 361, 383, 400, 413, 426, 440 (1958-79)	<b>CL-MTC-6</b>	CHEV, GMC, CHEV - 396, 400, 402, 427, 454 (1965-00)
<b>MTF-1</b>	FORD, FOTR, MERC, FORD - 260, 289, 302 (1962-01)	<b>CL-MTD-1</b>	CHYL, DODG, DODT, PLYM, CHYL - 273, 318, 340, 360 (1958-03)
<b>MTF-2</b>	FORD, FOTR, MERC, FORD - 351, 400 (1970-82)	<b>CL-MTD-2</b>	CHYL, DODG, DODT, PLYM, CHYL - 383, 400, 413, 440 (1959-79)
<b>MTF-3</b>	FORD, FOTR, MERC, FORD - 429, 460 (1968-98)	<b>CL-MTF-1</b>	FORD, FOTR, MERC, FORD - 260, 289, 302 (1962-01)
<b>MTF-4</b>	FORD, FOTR, MERC, FORD - 330, 352, 359, 360, 361, 389, 390, 391, 406, 427, 428 (1958-78)	<b>CL-MTF-2</b>	FORD, FOTR, MERC, FORD - 351, 400 (1970-82)
<b>MTF-5</b>	FORD, FOTR, MERC, FORD - 302, 351 (1968-01)	<b>CL-MTF-3</b>	FORD, FOTR, MERC, FORD - 429, 460 (1968-98)
<b>MTF-6</b>	FORD, FOTR - 240, 300 (1965-96)		
<b>MTO-1</b>	BUIC, CADL, OLDS, PONT, OLDS - 260, 307, 350, 400, 403, 425, 455 (1965-90)		
<b>MTP-1</b>	BUIC, OLDS, PONT, PONT - 287, 301, 326, 350, 389, 400, 421, 428, 455 (1955-81)		

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<b>CAMSHAFT LIFTER KITS - PERFORMANCE (Cont.)</b>		<b>CHROME MOLY PUSH RODS (Cont.)</b>	
<b>CL-MTF-4</b>	FORD, FOTR, MERC, FORD - 330, 352, 359, 360, 361, 389, 390, 391, 406, 427, 428 (1958-78)	<b>500354</b>	CHYL - (1966-78)
<b>CL-MTF-5</b>	FORD, FOTR, MERC, FORD - 302, 351 (1968-01)	<b>500364</b>	CHYL - 426 (1966-71)
<b>CL-MTO-1</b>	BUIC, CADL, OLDS, PONT, OLDS - 260, 307, 350, 400, 403, 425, 455 (1965-90)	<b>500374</b>	CHYL - 426 (1966-71)
<b>CL-MTP-1</b>	OLDS, PONT, PONT - 301, 326, 350, 389, 400, 421, 428, 455 (1959-81)	<b>500384</b>	CHYL - 383 (1959-78)
<b>VALVE LOCKS</b>		<b>500394</b>	FORD - (1969-97)
<b>471004</b>	CHYL, CHYL - 273, 318, 340, 360, 361, 383, 400, 413, 426, 440 (2002)	<b>500404</b>	FORD, FORD, MERC, OMC - 260, 302 (1964)
<b>472004</b>	FORD - 260, 289, 302, 400 (1962-01)	<b>500414</b>	FORD - 302 (1968-01)
<b>473004</b>	AMC, CHEV, FORD, MERC - 290, 304, 343, 352, 360, 390, 396, 400, 401, 402, 406, 427, 428, 454 (1997)	<b>500424</b>	FORD - 351 (1970-74)
<b>474004</b>	CHYL, CHYL - 273, 318, 340, 360, 361, 383, 400, 413, 426, 440 (2002)	<b>500434</b>	FORD - 351 (1970-74)
<b>476104</b>	BUIC, CHEV, FORD, OLDS, PONT, FORD, MERC, OMC - 153, 181, 224, 229, 231, 250, 252, 260, 262, 267, 283, 289, 301, 302, 305, 307, 326, 327, 350, 351, 389, 396, 400, 402, 403, 421, 425, 427, 428, 429, 45 (2003)	<b>500444</b>	FORD - 302 (1968-01)
<b>476704</b>	FORD - 400 (1971-82)	<b>500474</b>	CHYL - 426 (1963-78)
<b>GUIDE PLATES</b>		<b>500494</b>	MERC, OMC - 153, 181, 250
<b>MGP1004</b>	CHEV - 262, 267, 283, 302, 305, 307, 327, 350, 400 (1957-02)	<b>500544</b>	CHYL, CHYL - 440 (1978)
<b>MGP1014</b>	CHEV - 262, 267, 283, 302, 305, 307, 327, 350, 400 (1957-02)	<b>500564</b>	OLDS - 400, 455 (1965-76)
<b>MGP1024</b>	CHEV - 262, 267, 283, 302, 305, 307, 327, 350, 400 (1957-02)	<b>500574</b>	BUIC, PONT - 181, 231, 252, 326, 389, 400, 421, 428 (1959-87)
<b>MGP1034</b>	CHEV - 262, 267, 302, 305, 307, 327, 350, 400 (1962-02)	<b>500584</b>	FORD, FORD - 260, 289, 302 (2001)
<b>MGP1064</b>	CHEV - 396, 400, 402, 427, 454 (1965-97)	<b>500594</b>	CHYL, CHYL - 273, 318, 340, 360 (2002)
<b>MGP1074</b>	CHEV - 396, 400, 402, 427, 454 (1965-97)	<b>500614</b>	CHEV - 262, 267, 283, 302, 305, 307, 327, 350, 400 (1957-03)
<b>MGP1084</b>	FORD - 260, 289, 302 (1962-01)	<b>500624</b>	CHEV - 427 (1980-90)
<b>MGP1094</b>	FORD - 260, 289, 302 (1962-01)	<b>500634</b>	CHEV - 427 (1980-90)
<b>MGP1104</b>	FORD - 351 (1970-81)	<b>500664</b>	FORD - (1969-97)
<b>MGP1114</b>	FORD - 351 (1970-81)	<b>500674</b>	CHEV - 262, 267, 283, 302, 305, 307, 327, 350, 400 (1957-03)
<b>MGP1124</b>	FORD - 429, 460 (1968-97)	<b>501004</b>	AMC, CHEV - 262, 267, 283, 302, 304, 305, 307, 327, 350, 360, 390, 400, 401 (1957-03)
<b>MGP1134</b>	FORD - 429, 460 (1968-97)	<b>501014</b>	CHEV - 262, 267, 283, 302, 305, 307, 327, 350, 400 (1957-03)
<b>CHROME MOLY PUSH RODS</b>		<b>501024</b>	CHEV - 262, 267, 283, 302, 305, 307, 327, 350, 400 (1957-03)
<b>500064</b>	FORD - 352, 360, 390, 406, 427, 428 (1958-76)	<b>501034</b>	CHEV - 262, 267, 283, 302, 305, 307, 327, 350, 400 (1957-03)
<b>500074</b>	FORD - 352, 360, 390, 406, 427, 428 (1958-76)	<b>VALVE SPRING WITH HYDRAULIC LIFTERS</b>	
<b>500154</b>	CHEV, MERC - 396, 400, 402, 427, 454 (1997)	<b>466124</b>	FORD, OLDS - 260, 289, 302, 307, 350, 400, 403, 425, 455 (1962-01)
<b>500164</b>	CHEV, MERC - 396, 400, 402, 427, 454 (1997)	<b>466134</b>	FORD, OLDS - 260, 289, 302, 307, 350, 400, 403, 425, 455 (1962-01)
<b>500194</b>	CHYL - 426 (1963-78)	<b>466174</b>	FORD - (1969-97)
<b>500204</b>	CHYL - 440	<b>466204</b>	CHEV - 262, 267, 283, 302, 305, 307, 327, 350, 400 (1957-02)
<b>500224</b>	CHYL - 273 (1965-02)	<b>466224</b>	CHEV, CHYL, FORD, MERC - 351, 352, 360, 361, 383, 390, 396, 400, 402, 406, 413, 426, 427, 428, 454 (1997)
<b>500274</b>	PONT - 350, 389, 400, 455 (1959-77)	<b>466354</b>	CHEV, MERC, OMC - 262, 267, 283, 302, 305, 307, 327, 350, 400 (2003)
<b>500294</b>	CHEV, MERC - 396, 400, 402, 427, 454 (1997)	<b>466434</b>	AMC, CHYL - 273, 290, 304, 318, 340, 343, 360, 361, 383, 390, 400, 401, 413, 426 (1959-02)
<b>500304</b>	CHEV, MERC - 396, 400, 402, 427, 454 (1997)	<b>466444</b>	FORD - 260, 289, 302 (1962-01)
<b>500314</b>	AMC, CHEV, MERC, OMC - 229, 262, 267, 283, 302, 304, 305, 307, 327, 350, 360, 390, 400, 401 (2003)	<b>VS-739</b>	BUIC, CHEV, GMC, OLDS, PONT, CHEV, MERC, OMC - 153, 181, 200, 229, 262, 267, 283, 302, 305, 307, 327, 350, 400 (2002)
<b>500334</b>	CHYL, CHYL - 440 (1978)	<b>VALVE SPRING WITH MECHANICAL LIFTERS</b>	
		<b>466114</b>	CHEV, FORD - 260, 262, 267, 283, 289, 302, 305, 307, 327, 350, 400 (1957-02)



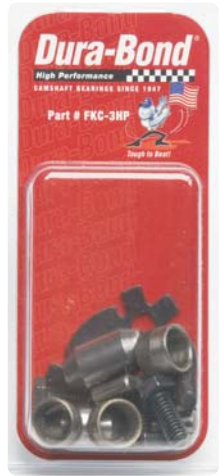
# NUMERICAL LISTING

Part No.	Application
<b>VALVE SPRING WITH MECHANICAL LIFTERS (Cont.)</b>	
466154	CHEV, CHYL, FORD - 351, 361, 383, 396, 400, 402, 413, 426, 427, 454 (1959-97)
466164	CHEV, CHYL, FORD - 351, 361, 383, 396, 400, 402, 413, 426, 427, 454 (1959-97)
466274	CHEV, FORD - 260, 262, 267, 283, 289, 302, 305, 307, 327, 350, 400 (1957-02)
466364	CHEV - 262, 267, 283, 302, 305, 307, 327, 350, 400 (1957-02)
<b>ROCKER ARMS</b>	
498404	CHEV - 262, 267, 283, 302, 305, 307, 327, 350, 400 (1957-02)
498464	PONT - 301, 326, 350, 389, 400, 421, 428, 455 (1959-81)
498684	CHEV - 396, 400, 402, 427, 454 (1965-97)
<b>ROCKER ARM STUD</b>	
MRDS-941	CHEV - 262, 267, 283, 302, 305, 307, 327, 350, 400 (1957-02)
MRDS-2920	CHEV - 262, 267, 283, 302, 305, 307, 327, 350, 400 (1957-02)
<b>3 PC SET</b>	
40201	CHEV - 262, 267, 283, 302, 305, 307, 327, 350, 400 (1957-03)
40202	CHYL - 273, 318, 340 (1965-02)
40203	CHYL - 361, 383, 400, 413, 426 (1959-78)
40204	FORD - 352, 360, 390, 406, 427, 428 (1958-76)
40205	CHEV - 396, 400, 402, 427, 454 (1965-97)
40206	FORD - 260, 289, 302 (1962-01)
40210	BUIC - 350 (1972-81)
40217	CHYL, CHYL - 426, 440 (1978)
40400	CHEV, MERC, OMC - 229, 262, 267, 283, 302, 305, 307, 327, 350, 400 (2003)
40401	CHEV, MERC - 396, 400, 402, 427, 454 (1997)
40402	FORD, FORD, MERC, OMC - 260, 289, 302, 351 (2001)
40403	FORD, FORD - 429, 460 (1997)
40404	BUIC - 181, 231, 252 (1977-87)
40405	FORD - 351, 400 (1970-82)
40406	CHYL, CHYL - 273, 318, 340, 360 (2002)
40407	CHYL, CHYL - 361, 383, 400, 413, 426, 440 (1978)
40408	PONT - 326, 350, 389, 400, 421, 428, 455 (1959-77)
40409	OLDS - 260, 400, 403, 425, 455 (1965-82)
40410	FORD - 352, 360, 390, 406, 427, 428 (1958-76)
40500	CHEV - 267, 283, 302, 305, 307, 327, 350, 400 (1957-02)
40510	CHEV - 396, 400, 402, 427, 454 (1965-97)
40520	CHEV - 262, 267, 283, 302, 305, 307, 327, 350, 400 (1957-03)
48500T-9	BUIC, CHEV, OLDS, PONT - 200, 229, 262, 265, 267, 283, 302, 305, 307, 327, 350, 400 (1955-03)
48500W-9	BUIC, CHEV, OLDS, PONT - 200, 229, 262, 265, 267, 283, 302, 305, 307, 327, 350, 400 (1955-03)
48510T-9	CHEV - 396, 400, 402, 427, 454 (1965-97)

# Dura-Bond Engine Hardware Finishing Kits



**FKC-1HP**  
S.B. Chevy



**FKC-3HP**  
B.B. Chevy



## GENERAL MOTORS S.B. & B.B.

KIT NO.	YEAR	MAKE & APPLICATION	CONTENTS	QTY.	DESCRIPTION
<b>FKC-1HP</b>	1957-1986	Chevy S.B. V8 262-400 CID	AD-927-P	4	Head Dowel
			AD-1284-P	4	Timing Cover / Oil Pump Dowel
			AB-001-P	3	Cam Bolt
			AW-013-P	1	Cam Lock Plate
			AB-039-P	2	Oil Filter Adapter Bolts
			AK-001-P	1	Woodruff Key
			AK-002-P	2	Woodruff Key
<b>FKC-3HP</b>	1967-1991	Chevy B.B. V8 366-454 CID	AD-023	2	Transmission Dowel
			AD-8081-P	4	Head Dowel
			AD-1284-P	4	Timing Cover / Oil Pump Dowel
			AW-013-P	1	Cam Lock Plate
			AB-039-P	2	Oil Filter Adapter Bolts
			AB-001-P	3	Cam Bolt
			AK-002-P	2	Woodruff Key
		AD-023	2	Transmission Dowel	

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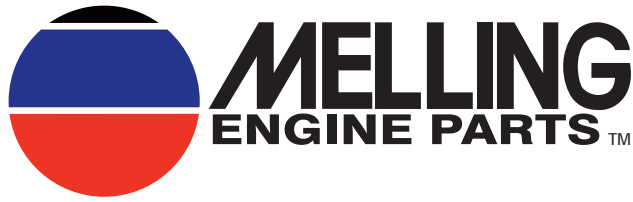
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## Oil Pump Screens

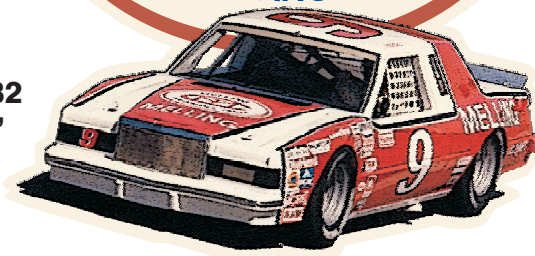
 54-DS	 55-S1	 55-S2	 55-S3
 68-S	 68-S3	 68-S4	 68-S5
 83-S	 83-S1	 210S	 220S
 241S	 303S	 304S	 305S
 324S	 331S	 335S	 12557
 12558	 12559	 12564	 12566



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