

# Battery Guide No. 5





# Battery warranty

ACDelco Batteries are warranted throughout Australia against faulty workmanship and materials. Depending on the battery and application the amount of time covered varies, refer to the table below for details.

If an ACDelco Battery is defective (other than for the warranty exclusions specified below) during that period, we will replace or repair it at our cost. To make a claim please return the part to the place of purchase, or your nearest authorised ACDelco stockists. Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure. The benefits under this warranty are in addition to other rights and remedies you may have at law.

This voluntary warranty is given by GM Holden Ltd (trading as ACDelco) of 191 Salmon Street, Port Melbourne, Victoria, Australia. For customer assistance, please call us toll free on 1800 ACDelco (1800 223 352).

BATTERY TYPE	CAR & SUV PRIVATE USE (EXCL. STOP/START)	4WD	Trucks/ Commercial /Industrial	Taxi	Marine	Cycling Applications	Cranking/ Marine Applications	Vehicles fitted with Stop/Start System
SMF – SEALED MAINTENANCE FREE	36 Months	12 Months	12 Months	6 Months	24 Months	-	-	-
AGM – ABSORBED GLASS MAT	36 Months	36 Months	12 Months	6 Months	-	-	-	18 Months
EFB – ENHANCED FLOODED BATTERY	36 Months	12 Months	12 Months	6 Months	-	-	-	18 Months
LMA – LOW MAINTENANCE ACCESSIBLE	24 Months	12 Months	12 Months	6 Months	-	-	-	-
DEEP CYCLE (HGM SERIES)	-	-	-	-	-	6 Months	24 Months	-

Warranty commences from date of purchase.

## WARRANTY CONDITIONS

**This warranty does not cover:**

- / Normal wear and tear.
- / Labour for removal, and replacement of the unit, from the vehicle unless prior written approval has been obtained from ACDelco.
- / Parts which have been subjected to deliberate abuse.
- / Conditions resulting from abnormal wear, negligence, alterations or accidents.
- / Incorrect fitment.
- / Parts used in an incorrect application or parts that are not used for their intended purpose.

## WARRANTY QUESTIONS AND ANSWERS

**Q. Will using ACDelco parts void my new vehicle warranty offered by the vehicle manufacturer?**

**A.** As ACDelco products are made to exacting standards, their use should not affect your vehicle warranty provided the correct part is used and is correctly fitted. However, if the use of a correctly installed ACDelco part causes a component failure in your vehicle that is not covered by the manufacturer, ACDelco will, subject to the above Warranty Conditions, cover the cost of repair.

**Q. The manufacturer of my vehicle has rejected a warranty claim as they are claiming the failure was caused by a faulty ACDelco part, will ACDelco cover the repairs?**

**A.** In the unlikely event that it is determined that an ACDelco part has lead to a component failure in your vehicle ACDelco will cover the cost of the repair, subject to the above Warranty Conditions.

**Q. How do I make a warranty claim?**

**A.** In the first instance contact the place of purchase. Should you require further assistance contact ACDelco on 1800 223 352.

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# AGM and EFB Batteries

Since ACDelco invented the Sealed Maintenance Free battery, we have been at the forefront of new technology.

The new range of ACDelco AGM and EFB batteries feature key new technologies to meet the demanding requirements of modern vehicles with Stop/Start technology.

With a global focus on clean air and green technology, vehicle manufacturers are producing, designing and selling more and more models with Stop/Start fuel saving features. By 2015 it is estimated that 70% of vehicles made and sold in the European Union will feature this technology.

With the ability to handle a greater depth of discharge, AGM and EFB batteries are also the right choice for high demand applications such as taxi's, couriers and off-road vehicles.

Talk to your ACDelco Stockist today to learn more.

## **EFB - ENHANCED FLOODED BATTERY**

Evolved from the proven Sealed Maintenance Free range, our new EFB batteries are designed and manufactured to perform under the toughest conditions.

- / Ultra high density plate material for high corrosion resistance
- / Increased charge acceptance
- / High depth of discharge lifecycle
- / Wrought expanded grids with higher Sn (Tin) content
- / Ideally suited to active management charging systems, high demand applications.

## **AGM - ABSORBED GLASS MAT**

Designed specially to handle the high demands placed on starting batteries by advanced vehicle systems.

- / High compression fleece separator
- / Over double the cycle life compared with regular lead acid batteries
- / Maintenance free - completely leak and spill proof
- / Advanced construction - complex polypropylene case, high precision cold formed battery terminals, six safety valves
- / High depth of discharge lifecycle
- / Greater resistance to vibration



# Choosing the correct ACDelco Battery

## SELECTING THE RIGHT TYPE OF ACDELCO BATTERY

It is important to choose the correct type of ACDelco battery to suit your needs (what you intend to use it for), for example: Cranking only (typical passenger car use), Deep Cycle (marine or recreation use) or any of the hybrid combinations that are available.

Your local ACDelco Battery Stockist can help you choose the right ACDelco Battery to meet your power needs.

## SELECTING THE RIGHT SIZE ACDELCO BATTERY

As a guide, the chart below will help you identify the correct size ACDelco Battery you will need to meet your Ah requirements.

Calculate your requirements as shown.

Equipment Used	Load (Watts)	X	Estimated Hours	=	Watts Hours
Lights	25	X	4	=	100
Fridge	50	X	8	=	400
Radio	10	X	8	=	80
			<b>Total Watt Hours</b>	=	<b>580</b>

Once you have calculated the total Watt Hours then:

- / Divide the total Watt Hours by the voltage used multiplied by 0.8 to obtain your requirement\*
- / Then add a further 25% safety margin for cable loss, over use and other contingencies (add 20% more if using the battery to crank an engine)

\* The 0.8 reflects the maximum discharge allowance for a dedicated deep cycle battery, the discharge allowance is 40% (0.4) for cranking batteries and 60% (0.6) for marine batteries.

E.g. Total Watt Hours **580 / 9.6** (12 volts x 0.8) = **60.4 Ah** + 25% = **75.5 Ah**

Using this calculation means that you require a battery that can supply **75.5 Ah** per day, this also means that it requires this amount to be replenished each day by a power source e.g. solar panel, generator or vehicle alternator.

Choosing the right size battery will save you time and money in the long run.

## DISCHARGE AND CHARGING RECOMMENDATIONS

To achieve maximum life, batteries should not be discharged below the recommended depth of discharge:

- / 80% for deep cycle batteries
- / 40% for cranking batteries
- / 60% for marine batteries

And should be recharged as soon as possible after discharge.

Batteries should be stored in a fully charged state or it will permanently reduce their capacity and longevity. Use of a multi stage charger is strongly recommended for all calcium batteries to help achieve maximum life between charges.

Please contact your local ACDelco Stockist for any information or help you require.



# Battery

## safety precautions\*

### **CORRECT LIFTING PROCEDURE**

- / Caution batteries are heavy therefore ACDelco recommends using correct lifting procedure when handling.

### **USE A SEALED BATTERY TO HELP AVOID BATTERY ACID BURNS**

- / Wherever possible, use a Sealed Maintenance Free Battery to all but eliminate the risk of contact with battery acid under normal conditions.
- / Use extreme care, especially when handling a conventional or a non sealed maintenance free battery as you are more likely to accidentally come into contact with battery acid / electrolyte.

### **IF ELECTROLYTE IS SPILLED**

- / If electrolyte is spilled or splashed onto clothing or the body, wash with water and neutralize with a solution of baking soda and water.
- / Electrolyte splashed into eyes is extremely dangerous. If this occurs, gently open eyes and wash with cool clean water for 5 minutes. Call a doctor.

### **IF ELECTROLYTE IS SWALLOWED**

- / Drink lots of water or milk. Follow with milk of magnesia, beaten eggs or vegetable oil. Call a doctor.

### **PREPARING ELECTROLYTE**

- / Using rubber gloves is a good idea when handling a battery, a must when handling electrolytes.
- / Always add the concentrated acid to the water never add water to the acid.

### **ELECTROLYTE STORAGE**

- / Electrolyte should be stored in plastic containers with a sealed cover. Do not store in the sun or near any other heat source.

### **EXPLOSIVE RISK**

- / Batteries generate explosive gases during operation and when charged. Keep batteries away from flames, sparks, burning cigarettes or other ignition sources.
- / Avoid placing any metallic objects on top of the battery as it could cause shorting.

### **VENTILATE AND PROTECT YOUR EYES**

- / When charging batteries, always shield eyes and work in a well-ventilated area never in a closed room.

### **DISCONNECTION SAFETY**

- / Always turn battery charger or ignition off before disconnecting a battery.

### **BATTERY CHARGING SAFETY PRECAUTIONS**

- / Please refer to "Recharging Batteries" on page 22.

Material Safety Data Sheets can be found on-line at [acdelco.com.au](http://acdelco.com.au)

\*ACDelco recommends you wear appropriate protective clothing and safety glasses when handling batteries.





# Checking batteries\*

## ALL TYPES

- / Is the battery loose or tight in the carrier?  
Loose batteries can fail due to prolonged vibration.
- / Does the battery look damaged or mishandled?  
This can also cause failures.

## APPLY THE HEADLIGHT TEST

- / Park near a wall or outside a garage door after dusk.
- / Turn the engine off and put the hand brake on.
- / Turn on the headlights - if bright, the battery is OK.
- / If the headlights are dim, start the engine (making sure the car is in park or neutral).
- / If the lights brighten up with the engine on, the battery is bad and needs replacing.

## VOLTMETER TEST

- / You may also use a voltmeter to check the battery's voltage.
- / A normal fully charged battery should read around 12.5 to 13.5 volts.
- / If the battery is under 12.5 volts, recharge the battery.

## ACDELCO SEALED MAINTENANCE FREE BATTERY



## READ THE INBUILT HYDROMETER WHERE FITTED

- / On top of the battery you'll find the inbuilt hydrant charge indicator - look into it.
- / If there is no 'light', it usually means there is no charge in the battery - it's flat.
- / If you see a coloured 'light', review the label near the charge indicator for details on how charged or otherwise your battery is based on the colour of the light.

\*ACDelco recommends you wear appropriate protective clothing and safety glasses when handling batteries.





# Checking batteries\* (continued)

## LOW MAINTENANCE ACCESSIBLE BATTERIES

### IS THE ELECTROLYTE BELOW THE TOPS OF THE SEPARATORS?

- / This indicates overcharging or poor maintenance.
- / Overcharge condition may be due to incorrect voltage setting, low voltage caused by heat or internal defects, or batteries of an old age.

### IS ANY ELECTROLYTE ON THE TOP OF THE BATTERY?

- / This can indicate overcharging or overfilling.

### CHECK HYDROMETER READING

- / A fully charged battery will have a specific gravity reading of 1.260 - 1.290 when electrolyte is 27°C (higher or lower temperatures will cause variances in reading).
- / A low specific gravity reading of 1.220 or less in all cells indicates a flat (discharged) battery.
- / It must be charged before further examination and testing can occur.
- / The battery may be flat due to problems in the electrical system (e.g. slipping alternator belt, poor voltage regulator, faulty alternator, or high resistance due to corrosion).
- / The battery may be shorting internally due to manufacturing defects, or shorts through the ageing process or vibration damage.

# Understanding battery terminology

## RESERVE CAPACITY

Number of minutes a new, fully charged battery can be discharged at 25 amps and maintain a terminal voltage higher than 1.75 volts per cell at 27°C.

## COLD CRANKING AMPS (CCA)

The current that a fully charged battery can deliver for 30 seconds and maintain a terminal voltage greater than or equal to 1.2 volts per cell at -18°C.

## CYCLE LIFE

Number of charge / discharge cycles a battery can endure before it loses its ability to hold a useful charge (highly dependent on depth of discharge).

## AMP HOUR CAPACITY

The ability of a fully charged battery to deliver a specified quantity of electricity at a given rate over a period of time.

\*ACDelco recommends you wear appropriate protective clothing and safety glasses when handling batteries.







# Battery

## installation guidelines

### GENERAL PRECAUTIONS

- / Wear appropriate protective clothing and safety glasses.
- / Before removing an old battery, make sure the engine, lights and all accessories are turned off.
- / Check if vehicle has a computerized electrical system. If so, an alternative power source to maintain electronic memory when battery is disconnected may be required (to avoid damage to the main computer or other segments of the vehicle's electronically controlled equipment).
- / Check if vehicle has air bags fitted. If so, see following...

### SAFETY PRECAUTIONS FOR VEHICLES FITTED WITH AN AIR BAG

- / Always check to ensure that the ignition is **off** before removing either of the battery terminals.
- / Don't sit behind the steering wheel or in other seats with an air bag while any electrical service work is carried out on the vehicle.
- / Removing or replacing battery terminals will not unintentionally trigger an air bag system, however removal of battery terminals with the ignition on can cause damage to electronic components, including the air bags - so don't do it.
- / If you need to work on the electrical system beyond replacing the battery, you must electrically disable the air bag system first.
- / Never indiscriminately probe the electrical wiring / connectors in or near the steering column.
- / Most air bag systems use bright yellow wiring and harness connectors - do not interfere with any harness of this colour.

### REMOVAL OF OLD BATTERY

- / Note location of positive (+) terminal and mark polarity on positive cable.
- / Remove the negative or earth (-) terminal first to avoid damaging the wiring or battery by accidentally grounding tools.
- / Remove positive (+) terminal.
- / Undo the hold-down clamp and remove old battery, noting position of terminal posts.

### NEW BATTERY INSTALLATION

- / Inspect tray and area for corrosion and replace or repair as necessary.
- / To clean tray, scrub the area with water and baking soda (sodium bicarbonate), then rinse with water.
- / Dry and paint corroded steel parts with acid proof paint.
- / Clean and brush terminals.
- / Check cable and starter motor connections, tighten if necessary.
- / Replace terminal clamps and / or cables if badly corroded.
- / Sit the new battery in the tray ensuring it's level and that the terminal posts are correctly positioned.
- / Secure battery with hold-downs, tightened to ensure battery can't move in the tray.
- / Apply a thin coating of high temperature grease to the posts and cable connections.
- / Replace cables ensuring that the earth (-) terminal is connected last.
- / Tighten connections but don't over tighten.
- / Never hammer cable connections onto battery posts as this can damage your battery.

# Recharging batteries\*

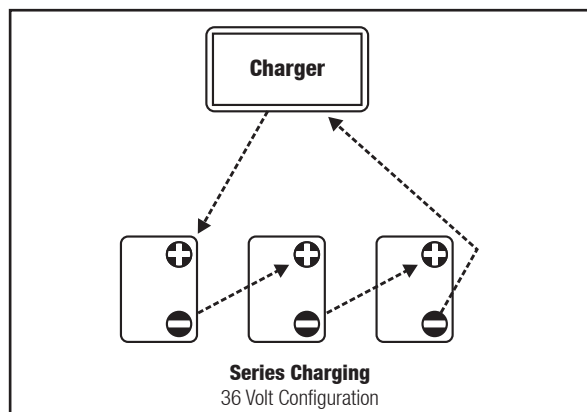
## SAFETY PRECAUTIONS

- / Before you attach, rock, or remove terminal clamps, you **MUST** turn the charger off.
- / Charge in a well ventilated area away from open flames or sparks.
- / Ensure vent caps are in place.
- / Follow the battery charger manufacturer's instructions.

## CHARGING TIMES

Charging rates or times will vary due to a number of other features such as:

- / The electrical capacity of the battery.
- / Temperature of the electrolyte.
- / Battery state of charge at the start of the charging period.
- / Battery age and condition.

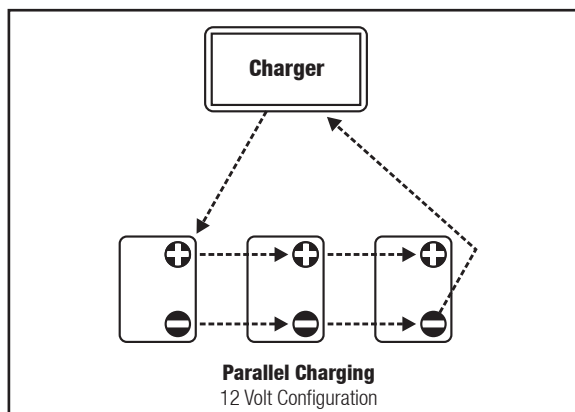


- / Set the charger to maintain a charging rate of 5 to 10 amps.
- / Monitor each battery every 30 to 60 minutes for spewing, gassing, temperatures above 61°C or charging voltage above 16 volts. If any of these occur, remove and test the battery.
- / Check the charger indicator on each battery hourly for a green dot, gently shake the battery, as necessary. If a green dot is not visible, continue charging. When a green dot appears and remains, the battery is charged.
- / Turn off the charger and disconnect any recharged battery. Remove it from the series and load test it.
- / Reconnect the remaining batteries in series and continue charging.

### Notice:

When batteries are removed from series charging, readjust the charger to maintain proper charging current rate for the remaining batteries.

\*ACDelco recommends you wear appropriate protective clothing and safety glasses when handling batteries.



- / Set the charger to the highest setting.
- / Adjust the charger so the measured voltage does not exceed 16 volts.
- / Monitor batteries every 30 to 60 minutes for spewing, gassing and temperatures above 52°C; if any of them occur, remove the battery with this condition and test it.
- / Check the hydrometer on each battery hourly for a green charge indicator, gently shaking the battery, as necessary. If a green charge indicator is not visible, continue charging. When a green charge indicator appears and remains, the battery is charged.
- / Turn the charger off.
- / Disconnect all batteries when the charge indicator is green.
- / Continue recharging all remaining uncharged batteries.



# Battery

## general jump starting procedure\*

### Warning:

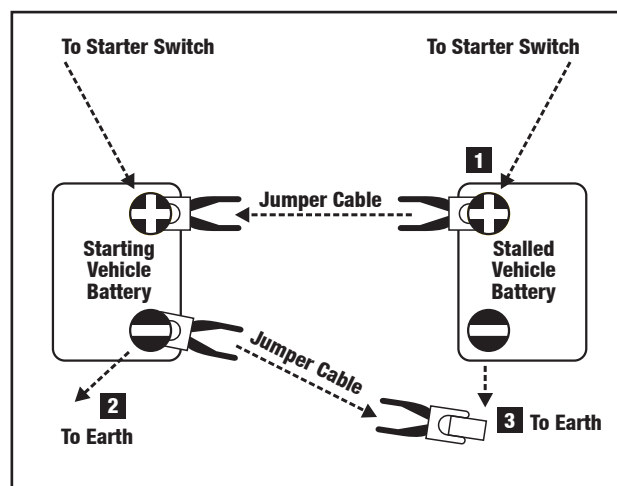
Do not jump start modern vehicles with electronic management systems without “protected” jump starter leads. You must also refer to the owner’s handbook for vehicle-specific procedures.

### INITIAL CHECKLIST

- / Check batteries are the same voltage.
- / Turn off the engines and all electrical loads.
- / Make sure vehicles aren’t touching.
- / Ensure vehicles are in park or neutral (with handbrake on).
- / Make sure vehicles have the same terminal earthed. If not, check manufacturers instructions.
- / Ensure cables aren’t frayed or damaged.

### DO THE FOLLOWING STEPS IN SEQUENCE

1. On a negative grounded system, connect each end of one cable to the positive (+) terminal on both batteries.
2. Connect an end of the other cable to the negative (-) terminal of the booster battery.
3. Connect the other end of the same cable away from the battery, to the engine block or frame of the vehicle to be started.
4. Make sure both cables are clear of fan blades and other moving parts.
5. Start the engine of the booster car.
6. Attempt to start the engine of the vehicle with the flat battery.
7. If vehicle does not start within 30 seconds, call an auto electrician.
8. After starting, remove cables in reverse order, starting with the cable connected to engine block or frame.



\*ACDelco recommends you wear appropriate protective clothing and safety glasses when handling batteries.





# Battery Care

## general guidelines\*

The amount of care and maintenance required varies dramatically between maintenance free batteries and conventional filler cap batteries. Under normal operating conditions, ACDelco Sealed Maintenance Free Batteries should never require watering or similar maintenance. However it is a good idea to conduct through visual battery inspection at regular intervals. The following should be inspected:

### **CHECK CABLE CONNECTIONS**

- / Check the cable connections from time to time to ensure they are secure, tight and clean. Corrosion tends to build up on terminals and cable clamps.
- / Disconnect the cables and clean the battery terminals and cable clamps separately, using a wire brush and baking soda / water solution [Avoid getting baking soda (sodium bicarbonate) / water solution into the battery].
- / If one or more of the cables is deteriorated from excessive corrosion, it should be replaced.

### **CHECK BATTERY HOLD DOWNS AND TRAY**

- / Make sure the hold down clamp is tightened to specifications. Normal vehicle vibration can loosen the hold down clamp over time.
- / Check the mechanical integrity of the under hood battery tray. It should be capable of supporting the battery in a level position.

### **CHECK IF THE BATTERY IS CLEAN AND DRY**

- / Use a cloth with baking soda and water solution to regularly wipe the battery cover and case.
- / Avoid getting baking soda (sodium bicarbonate) / water solution into the battery.

\*ACDelco recommends you wear appropriate protective clothing and safety glasses when handling batteries.





# Batteries

## possible failure causes

### **OVERCHARGING**

Caused by incorrect voltage setting, low voltage caused by heat or internal defects, or old batteries.

### **POOR MAINTENANCE**

Conventional and non sealed maintenance free batteries all require more care than a sealed maintenance free battery. Failure to maintain correct electrolyte levels will damage the battery and shorten its life.

### **HEAT DEFECTS**

Battery damaging heat coming from both the environment and higher vehicle operating temperatures can cause conventional and non sealed maintenance free batteries in particular to suffer from:

- / Higher gassing and resultant water loss.
- / Higher grid corrosion or oxidation.
- / Overcharging and plate failure.
- / Higher battery discharge capacity.
- / Higher self-discharge rate.

### **OLD AGE**

All batteries have a limited lifespan and will naturally break down over time and use (ACDelco's Sealed Maintenance Free Batteries have features which make them one of the longest lasting batteries on the market).

### **VIBRATION**

Batteries can fail due to prolonged vibration, usually caused by a loose tray and or broken hold-downs.

### **MISTREATMENT**

- / Striking a battery terminal or cable end with a hammer to loosen it can totally ruin a battery.
- / Dropping a battery or tipping it on its end or upside down can also damage a battery.
- / Storing batteries near flames or sparks can cause the battery to explode.



# Cars and Light Commercial

## application list

Information in this application listing section has been compiled from data published from Original Equipment Manufacturers and other parties. This data may change from time to time and ACDelco is unable to warrant the accuracy of this data and does not accept responsibility for loss or damage of any kind caused as a result of such data being inaccurate.

MAKE	MODEL	YEAR	ACDELCO LMA	ACDELCO SMF	ACDELCO SMF HEAVY DUTY	ACDELCO EFB	ACDELCO AGM
<b>ALFA ROMEO</b>							
ALFA ROMEO	145 / 146	1994-2001	55457WC	S56220			
ALFA ROMEO	147 2.0 TWIN SPARK / TI TELESPEED	2000-2011	55457WC	S56220			
ALFA ROMEO	155	1992-1998	55457WC	S56220			
ALFA ROMEO	156 1.8 TS & 2.0 TS PETROL	1997-2001	55457WC	S56220			
ALFA ROMEO	156 2.0 JTS / 2.5 & 3.2 V6 PETROL / JTS SELESPEED	1997-2007	56318WC	S56318			
ALFA ROMEO	159 1.7 & 2.2 JTS / 1.9 JTD	2005-2012	56318WC	S56318			
ALFA ROMEO	159 3.2 JTS / 2.4 JTD	2006-2012		S58014			
ALFA ROMEO	164 1.8 / 2.0 / 3.0 V6	1988-1993	56318WC	S56318			
ALFA ROMEO	166 2.0 / 2.5 & 3.0 V6	1998-2007	56318WC	S56318			
ALFA ROMEO	33	1983-1995	55457WC	S56220			
ALFA ROMEO	75 4CYL. & 6CYL.	1986-1992	56318WC	S56318			
ALFA ROMEO	90	1984-1988	56318WC	S56318			
ALFA ROMEO	ALFASUD	1974-1992	55457WC	S56220			
ALFA ROMEO	ALFETTA	1975-1986	22FR66WC	22FR520SMF	22FR600SMF 22FR680SMF		
ALFA ROMEO	BRERA 4CYL 2.0 / 6CYL 3.2	2006-ON		S58014			
ALFA ROMEO	GIULIA, GIULIETTA	1974-1985	22FR66WC	22FR520SMF	22FR600SMF 22FR680SMF		
ALFA ROMEO	GIULIETTA	2011-ON		S56030			S56090AGM
ALFA ROMEO	GT 2.0 JTS / 3.2 V6 / 1.9 JTD	2003-2011	56638WC	S56838	S57220	S57450EFB	S57090AGM
ALFA ROMEO	GTV 6 RWD COUPE 2.5 V6	1980-1989	22FR66WC	22FR520SMF	22FR600SMF 22FR680SMF		
ALFA ROMEO	GTV (916) FWD 2.0 / 3.0 / 3.2 V6 / JTS	1993-2006	56318WC	S56318			
ALFA ROMEO	MITO	2009-ON	56318WC	S56318			
ALFA ROMEO	SPIDER SERIES 1	1966-1977	22FR66WC	22FR520SMF	22FR600SMF 22FR680SMF		
ALFA ROMEO	SPIDER SERIES 2	1977-1993	55457WC	S56220			
ALFA ROMEO	SPIDER SERIES 3	1994-2005	56318WC	S56318			
ALFA ROMEO	SPIDER 2.2JTS / 3.2JTS	2006-ON		S57220		S57450EFB	S57090AGM
ALFA ROMEO	SPORTIVA	1982-ON	56318WC	S56318			
ALFA ROMEO	SPRINT COUPE / VELOCE COUPE	1977-1987	55457WC	S56220			
ALFA ROMEO	ZAGATO COUPE SZ 3.0 V6	1989-1992	55457WC	S56220			
<b>ASIA / GB</b>							
ASIA / GB	ROCSTA PETROL	1992-93	22F66WC	22F520SMF	22F600SMF 22F680SMF		
ASIA / GB	CERES ROCSTA PETROL	1994-1998	55D23LWC	S55D23L	S70D23L	SQ85D23LEFB	
ASIA / GB	CERES ROCSTA DIESEL	1992-ON	NX1207WC	S95D31RHD		ST110D31REFB	

MAKE	MODEL	YEAR	ACDELCO LMA	ACDELCO SMF	ACDELCO SMF HEAVY DUTY	ACDELCO EFB	ACDELCO AGM
<b>ASTON MARTIN</b>							
ASTON MARTIN	EARLY MODELS AMV8 / DBS / LAGONDA / V8 VANTAGE / VOLANTE	1967-1989	NX1105WC	S80D26R			
ASTON MARTIN	DBS V12	2007-2012		S60038			S59590AGM
ASTON MARTIN	DB7 6CYL 3.2	1994-1998		S57220		S57450EFB	S57090AGM
ASTON MARTIN	DB7 V12	1999-2004		S60038			S59590AGM
ASTON MARTIN	DB9 V12	2004-ON		S60038			S59590AGM
ASTON MARTIN	RAPIDE V12	2009-ON					S59590AGM
ASTON MARTIN	VANQUISH V12 / VANQUISH S	2001-2007		S60038			S59590AGM
ASTON MARTIN	VANQUISH V12 (2ND GEN.)	2012-ON					S59590AGM
ASTON MARTIN	VANTAGE S V8 / VANTAGE V12	2006-ON		S60038			S59590AGM
ASTON MARTIN	VIRAGE / VIRAGE-VANTAGE	1990-2000	NX1105WC	S80D26R			
ASTON MARTIN	VIRAGE V12	2011-2013					S59590AGM
ASTON MARTIN	ZAGATO V12	2011-ON					S59590AGM
<b>AUDI</b>							
AUDI	80 (FOX) 4 CYL. B2 / B3 / B4	1974-1996	55457WC	S56220			
AUDI	80 / LE 2.3 5 CYL. / 2.6 V6	1992-1996	56318WC	S56318			
AUDI	90 (5+5) 5 CYL.	1981-1992	55457WC	S56220			
AUDI	100 C2 / C3 / C4	1976-1994	55457WC	S56220			
AUDI	200 (& 5E) C2 / C3	1976-1991	56318WC	S56318			
AUDI	A1 1.4 PETROL	2010-ON	55457WC	S56220			
AUDI	A1 STOP-START 1.4 TFSI PETROL & 1.6 TDI DIESEL	2011-ON					S58090AGM
AUDI	A3 / S3 8L SERIES	1997-2003		S56030			S56090AGM
AUDI	A3 / S3 8P SERIES 2.0 PETROL & 2.0 DIESEL	2003-ON		S57220		S57450EFB	S57090AGM
AUDI	A3 1.4 TFSI	2008-2012	55457WC	S56220			
AUDI	A3 STOP-START DIESEL	2009-ON					S59590AGM
AUDI	A3 / S3 STOP-START PETROL	2010-ON					S58090AGM
AUDI	A3 QUATTRO 2.0 TFSI & 3.2 VR6	2007-2012		S57220		S57450EFB	S57090AGM
AUDI	A4 (B5 SERIES) PETROL 4CYL	1994-2001	56318WC	S56318			
AUDI	A4 (B5 SERIES) PETROL 6CYL	1995-2001		S59096			S58090AGM
AUDI	A4 (B6 SERIES) PETROL & DIESEL	2001-2006		S59096			S58090AGM
AUDI	A4 (B7 SERIES) PETROL	2005-2008		S59096			S58090AGM
AUDI	A4 (B8 SERIES)	2008-ON		S59096			S58090AGM
AUDI	A4 ALLROAD QUATTRO TDI STOP-START	2009-ON					S58090AGM
AUDI	A4 STOP-START MODELS	2010-ON					S58090AGM
AUDI	A4 DIESEL 2.7 (NOT STOP-START) BATTERY UNDER SPARE WHEEL	2011-		S60038			S59590AGM
AUDI	A4 AVANT (B5 & B6 SERIES) PETROL 4CYL	1995-2008		S57220		S57450EFB	S57090AGM
AUDI	A4 AVANT (B5 & B6 SERIES) PETROL V6 2.4/2.6/2.7/2.8/3.2L	1995-2008		S59096			S58090AGM
AUDI	A4 AVANT S4 & RS4	1995-2005		S59096			S58090AGM
AUDI	A4 AVANT DIESEL	2001-2005		S59096			S58090AGM
AUDI	A4 AVANT DIESEL	2005-ON	58515WC	S58515	S60038		S59590AGM
AUDI	A4 CABRIOLET PETROL 1.8 / 2.0 / 2.4L	2001-2008		S58014			
AUDI	A4 CABRIOLET PETROL V6 3.0L	2001-2008	58515WC	S58515	S60038		S59590AGM
AUDI	A4 CABRIOLET DIESEL 2.5TDI	2002-2008		S59096			S58090AGM
AUDI	A5 COUPE PETROL & DIESEL	2007-ON		S60038			S59590AGM
AUDI	A5 STOP-START MODELS	2010-ON					S59590AGM

MAKE	MODEL	YEAR	ACDELCO LMA	ACDELCO SMF	ACDELCO SMF HEAVY DUTY	ACDELCO EFB	ACDELCO AGM
AUDI	A6 PETROL 2.6 / 2.7 / 2.8 / 3.0 / 3.2L (C4 & C5)	1994-2004		S57220		S57450EFB	S57090AGM
AUDI	A6 PETROL 3.7 / 4.2L QUATTRO (C4 & C5)	1997-2004		S60038			S59590AGM
AUDI	A6 PETROL 3.2FSI (C6)	2005-2010		S60038			S59590AGM
AUDI	A6 DIESEL (C4, C5)	1997-2004		S60038			S59590AGM
AUDI	A8 / A8 QUATTRO V6 / V8 / W12 & TDI (D2 & D3)	1994-2009		S60038			S59590AGM
AUDI	A8 STOP-START MODELS	2010-ON					S59590AGM
AUDI	ALLROAD PETROL & DIESEL	2001-2010		S60038			S59590AGM
AUDI	Q3 2.0 DIESEL	2013					S59590AGM
AUDI	Q5 PETROL	2009-ON		S59096			S58090AGM
AUDI	Q5 DIESEL	2009-ON		S60038			S59590AGM
AUDI	Q7 PETROL & DIESEL	2006-2009		S60038			S59590AGM
AUDI	QUATTRO RALLY 5 CYL. 2.1L & 2.2L	1980-1991	56318WC	S56318			
AUDI	RS4 AVANT V6 2.7TT (B5)	2000-2002		S59096			S58090AGM
AUDI	RS4 AVANT / SEDAN / CABRIOLET V8 4.2 FSI (B7)	2005-2008		S60038			S59590AGM
AUDI	RS4 AVANT V8 4.2 FSI (B8)	2012-					S59590AGM
AUDI	RS5 V8	2010-ON		S60038			S59590AGM
AUDI	RS6 AVANT & SEDAN V8 4.2L (C5)	2002-2004		S60038			S59590AGM
AUDI	S3 STOP-START	2013-ON					S58090AGM
AUDI	S4 5CYL TURBO 2.2L (C4)	1991-1994	56318WC	S56318			
AUDI	S4 V6 TURBO 2.7L (B5)	1997-2002		S59096			S58090AGM
AUDI	S4 V8 4.2L (B6 & B7)	2003-2008		S59096			S58090AGM
AUDI	S4 3.0V6 TFSI SUPERCHARGED (B8)	2009-ON					S59590AGM
AUDI	S5 V8 QUATTRO	2007-ON		S60038			S59590AGM
AUDI	S5 STOP-START MODELS	2011-ON					S59590AGM
AUDI	S6 V8 4.2L (C4 & C5)	1994-2003		S60038			S59590AGM
AUDI	S6 V10 5.2L FSI (C6)	2006-2011					S59590AGM
AUDI	S8 V8 4.2L QUATTRO (D2)	1996-2002		S60038			S59590AGM
AUDI	TT QUATTRO / ROADSTER	1998-2006		S56030			S56090AGM
AUDI	TT QUATTRO / ROADSTER / TFSI 200	2006-2010		S58014			
AUDI	TT COUPE 1.8 / 2.0 TFSI & 2.0 TDI / TFSI 211	2010-ON		S57220		S57450EFB	S57090AGM
AUDI	TT-RS PLUS 2.5L 5CYL.	2013-ON					S58090AGM
AUDI	V8 QUATTRO (UNDER BACK SEAT)	1989-1994	58515WC	S58515	S60038		S59590AGM
<b>AUSTIN</b>							
AUSTIN	MOST 12V MODELS RWD	1948-ON	22FR66WC	22FR520SMF	22FR600SMF 22FR680SMF		
AUSTIN	1800 / KIMBERLEY / TASMAN & MOST FWD MODELS	1965-ON		22NF330D			
<b>BENTLEY</b>							
BENTLEY	ARNAGE SALOON V8 4.4L TWINTURBO / 6.75L TT / 6.8L TT	1998-2009	NX1105WC	S80D26R			
BENTLEY	AZURE CONVERTIBLE MARK 1 V8 6.75L TURBO	1995-2003	NX1105WC	S80D26R			
BENTLEY	AZURE T CONVERTIBLE MARK 11 V8 6.75L TT	2006-2010	NX1105WC	S80D26R			
BENTLEY	BROOKLANDS SEDAN V8 6.75L	1993-1999	NX1105WC	S80D26R			
BENTLEY	BROOKLANDS COUPE V8 6.75L TWIN TURBO	2008-2011		S60038			S59590AGM
BENTLEY	CONTINENTAL R / S / T	1991-2003	NX1105WC	S80D26R			
BENTLEY	CONTINENTAL CONVERTIBLE V8 6.75L	1984-1995	NX1105WC	S80D26R			
BENTLEY	CONTINENTAL GT V8 6.8L (CHECK FOR AUX. BATTERY)	2003-ON					S56090AGM X 1 S59590AGM X 1
BENTLEY	CONTINENTAL ROADSTER (CHECK FOR AUX. BATTERY)	2004-2011					S56090AGM X 1 S59590AGM X 1



MAKE	MODEL	YEAR	ACDELCO LMA	ACDELCO SMF	ACDELCO SMF HEAVY DUTY	ACDELCO EFB	ACDELCO AGM
BENTLEY	CONTINENTAL GT 12CYL 6.0 (CHECK FOR AUX. BATTERY)	2004-ON					S56090AGM X 1 S59590AGM X 1
BENTLEY	EIGHT	1984-1992	NX1105WC	S80D26R			
BENTLEY	FLYING SPUR (SPUR SPEED)	2006-2013					S56090AGM X 1 S59590AGM X 1
BENTLEY	GTC SPEED (COUPE) (CHECK FOR AUX. BATTERY)	2003-ON					S56090AGM X 1 S59590AGM X 1
BENTLEY	MULSANNE & MULSANNE S	1980-1993	NX1105WC	S80D26R			
BENTLEY	MULSANNE (SMALL STARTING BATTERY & LARGE AUXILIARY)	2011-ON					S56090AGM X 1 S59590AGM X 1
BENTLEY	SUPERSPORTS (CONTINENTAL)(CHECK FOR AUX. BATTERY)	2009-ON					S56090AGM X 1 S59590AGM X 1
BENTLEY	TURBO R & TURBO RT	1986-1997	NX1105WC	S80D26R			
<b>BMW</b>							
BMW	116I E81 & E87	2004-2011	55457WC	S56220			
BMW	118I E81 & E87	2004-2011	56638WC	S56838	S57220	S57450EFB	S57090AGM
BMW	118D / 120D E81 & E87	2004-2011		S59096			S58090AGM
BMW	120I CABRIO E88 / 125I E82 / 125I CABRIO	2008-ON					S58090AGM
BMW	120I E81 & E87	2005-ON		S57220		S57450EFB	S57090AGM
BMW	125I E82 / E88	2008-ON					S58090AGM
BMW	130I E87	2005-ON		S57220		S57450EFB	S57090AGM
BMW	135I E82 / E88	2008-ON					S58090AGM
BMW	316I E36 / E46 COMPACT	1992-2004	55457WC	S56220			
BMW	316TI E36 / E46 COMPACT	1992-2004		S57220		S57450EFB	S57090AGM
BMW	318I CABRIOLET E30 / 318IS E30	1990-1993	56638WC	S56838	S57220	S57450EFB	S57090AGM
BMW	318I E30	1987-1991	56638WC	S56838	S57220	S57450EFB	S57090AGM
BMW	318I E36	1992-2000	56638WC	S56838	S57220	S57450EFB	S57090AGM
BMW	318I / 318TI E46	2001-2005		S57220		S57450EFB	S57090AGM
BMW	320CI E46	2000-2006		S57220		S57450EFB	S57090AGM
BMW	320D E90	2005-ON		S59096			S58090AGM
BMW	320I E30	1985-ON		S57220		S57450EFB	S57090AGM
BMW	320I E36 / E46 / TOURING E90	1990-1995	56638WC	S56838	S57220	S57450EFB	S57090AGM
BMW	320I E90	2006-2011		S59096			S58090AGM
BMW	323CI E46	1998-2000		S57220		S57450EFB	S57090AGM
BMW	323I CABRIOLET E36 / 323TI E36	1995-2000		S57220		S57450EFB	S57090AGM
BMW	323I COUPE E92 / TOURING E91	2005-ON		S57220		S57450EFB	S57090AGM
BMW	323I E36 / E46 / E90	1994-ON		S57220		S57450EFB	S57090AGM
BMW	325I CABRIOLET E36	1993-1999		S57220		S57450EFB	S57090AGM
BMW	325CI CABRIOLET E46	2000-2006		S57220		S57450EFB	S57090AGM
BMW	325I COUPE E92 / 325TI COMPACT E46	2001-ON		S57220		S57450EFB	S57090AGM
BMW	325I E30	1986-1991		S57220		S57450EFB	S57090AGM
BMW	325I E36 / E46 / E90 / E93 CABRIO	1990-ON		S57220		S57450EFB	S57090AGM
BMW	325I E91	2005-ON		S60038			S59590AGM
BMW	328 CABRIOLET E36	1995-1999		S57220		S57450EFB	S57090AGM
BMW	328CI E46	1998-2000		S57220		S57450EFB	S57090AGM
BMW	328I E36	1994-1998		S57220		S57450EFB	S57090AGM
BMW	328I E46	1998-2000		S57220		S57450EFB	S57090AGM
BMW	328I E90			S60038			S59590AGM
BMW	330CI CABRIOLET E46	2000-2006		S57220		S57450EFB	S57090AGM
BMW	330I E46 / E90	2000-ON		S59096			S58090AGM

MAKE	MODEL	YEAR	ACDELCO LMA	ACDELCO SMF	ACDELCO SMF HEAVY DUTY	ACDELCO EFB	ACDELCO AGM
BMW	335i E90 / E91 TOURING / E92 COUPE / E93 CABRIOLET	2006-ON		S57220		S57450EFB	S57090AGM
BMW	520i / 523i / 525i / 528i (E12, E28, E34 & E39 SERIES)	1972-2003		S57220		S57450EFB	S57090AGM
BMW	530i / 535i / 540i (E34 SERIES)	1988-1996	58515WC	S58515	S60038		S59590AGM
BMW	530i / 535i / 540i (E39 SERIES)	1996-2003		S60038			S59590AGM
BMW	525i TOURING, 530i & 545i (E61 SERIES WAGON)	2003-2007		S60038			S59590AGM
BMW	525D / 530D / 535D (E39 & E60 SERIES)	1996-2007		S60038			S59590AGM
BMW	520i / 528i / 535i / 550i (F10 SERIES & F07)	2010-ON					S59590AGM
BMW	840i / 850i	1990-ON	56318WC X 2	S56318 X 2			
BMW	ALL 7 SERIES (LOCATED IN BOOT)	1987-ON	58515WC	S58515	S60038		S59590AGM
BMW	ALL 7 SERIES (UNDER REAR SEAT)	1987-ON	58515WC	S58515	S60038		S59590AGM
BMW	M3 CABRIOLET E46	2001-2006	58515WC	S58515	S60038		S59590AGM
BMW	M3 E36 / E46 / E92 / CSL SERIES (LOCATED IN BOOT)	1995-ON	56638WC	S56838	S57220	S57450EFB	S57090AGM
BMW	M3 E36 / E46 / E92	1995-ON		S60038			S59590AGM
BMW	M5 E34 6CYL 3.6/ E39 8CYL 5.0	1999-2003	56318WC	S56318			
BMW	X1						S58090AGM
BMW	X3 E83	2004-ON	58515WC	S58515	S60038		S59590AGM
BMW	X5 E53 / E70	1999-ON	58515WC	S58515	S60038		S59590AGM
BMW	X6 (UNDER PLASTIC TOOL BOX)	2009-2011	58827WC	S59227	S60038		S59590AGM
BMW	Z3 E36 / E37	1995-2002	56638WC	S56838	S57220	S57450EFB	S57090AGM
BMW	Z4 E85 / E86	2002-ON	56638WC	S56838	S57220	S57450EFB	S57090AGM
<b>BUICK</b>							
BUICK	MOST MODELS	1957-1989	NX1207WC	S95D31RHD		ST110D31REFB	
<b>CADILLAC</b>							
CADILLAC	MOST MODELS	1956-1984	NX1105WC	S80D26R			
<b>CHEVROLET</b>							
CHEVROLET	MOST EARLY MODELS	1956-1981	NX1105WC	S80D26R			
CHEVROLET	CAMARO	1982-2003		S75-6MF			
CHEVROLET	CORVETTE	1991-1999		S78-6MF			
CHEVROLET	DUALIE MOST MODELS			S78DT-6MF			
<b>CHRYSLER</b>							
CHRYSLER	300C PETROL	2005-2012		S59096			S58090AGM
CHRYSLER	300C DIESEL	2007-13-ON		S60038			S59590AGM
CHRYSLER	300C SRT-8	2008-ON		S60038			S59590AGM
CHRYSLER	CENTURA 6CYL.	1975-1979	22F66WC	22F520SMF	22F600SMF 22F680SMF		
CHRYSLER	CROSSFIRE	2004-2009	56318WC	S56318			
CHRYSLER	GRAND VOYAGER PETROL (LWB)	1997-2008		S56840			
CHRYSLER	NEON	1996-1998		S54516			
CHRYSLER	NEON LE / SE	1999-2002		S58-6MF			
CHRYSLER	PT CRUISER (BATTERY LOCATED UNDER AIR FILTER BOX)	2001-2010		S55066			S55090AGM
CHRYSLER	PROWLER	2002-ON		S58-6MF			
CHRYSLER	SEBRING (REMOVE LHF WHEEL & INNER GUARD)	2007-2010	22FR66WC	22FR520SMF	22FR600SMF 22FR680SMF		
CHRYSLER	VALIANT	1965-1981	22FR66WC	22FR520SMF	22FR600SMF 22FR680SMF		
CHRYSLER	VOYAGER (SWB) THIRD-GEN.	1996-2001		S56840			

MAKE	MODEL	YEAR	ACDELCO LMA	ACDELCO SMF	ACDELCO SMF HEAVY DUTY	ACDELCO EFB	ACDELCO AGM
CHRYSLER	VOYAGER RG FOURTH GEN.	2001-2008		S56840			
<b>CITROEN</b>							
CITROEN	19GT TR TZ	1986-1994	55457WC	S56220			
CITROEN	2400CX	1977-1983	22FR66WC	22FR520SMF	22FR600SMF 22FR680SMF		
CITROEN	AX ALL MODELS	1986-ON	56318WC	S56318			
CITROEN	BERLINGO DIESEL	2000-2005	56318WC	S56318			
CITROEN	BERLINGO PETROL	2000-2005	55457WC	S56220			
CITROEN	BERLINGO VAN	2006-ON		S50D20L			
CITROEN	BX1	1986-ON	22F66WC	22F520SMFDF			
CITROEN	BX16 / 19 ALL MODELS	1986-ON		S50D20L			
CITROEN	C2	2005-ON	55457WC	S56220			
CITROEN	C3 DIESEL	2003-ON	56318WC	S56318			
CITROEN	C3 PETROL	2003-ON	55457WC	S56220			
CITROEN	C4 1.6 VTR SX HDI 2.0 VTS	2005-ON	55457WC	S56220			
CITROEN	C4 SAFARI 4WD	2006-ON	56318WC	S56318			
CITROEN	C5 DIESEL	2000-ON	56318WC	S56318			
CITROEN	C5 PETROL	2000-2006	55457WC	S56220			
CITROEN	C6	2001-ON	58515WC	S58515	S60038		S59590AGM
CITROEN	CLUB	1978-1983		S54516			
CITROEN	CLUB	1984-1990	22FR66WC	22FR520SMF	22FR600SMF 22FR680SMF		
CITROEN	CX 2200	1976-ON	22F66WC	22F520SMFDF			
CITROEN	CX 2500 CX PALLAS	1984-1985	55457WC	S56220			
CITROEN	DIESEL MODELS	1976-1988	58515WC	S58515	S60038		S59590AGM
CITROEN	DISPATCH G9	2007-ON	56318WC	S56318			
CITROEN	DS & D SERIES	1959-1978	22FR66WC	22FR520SMF	22FR600SMF 22FR680SMF		
CITROEN	DYANE	1968-1983		S56316			
CITROEN	EVASION	1998		S56316			
CITROEN	GS CLUB 1200/1220/PALLAIS	1972-1978	55457WC	S56220			
CITROEN	GSA	1984-1990	22FR66WC	22FR520SMF	22FR600SMF 22FR680SMF		
CITROEN	PICASSO	2005-ON	56318WC	S56318			
CITROEN	SAXO DIESEL	1997	55457WC	S56220			
CITROEN	SAXO PETROL	1997		S54516			
CITROEN	XANTIA BREAK X1 / X2	1995-2001	56318WC	S56318			
CITROEN	XANTIA X1 / X2	1993-2001	56318WC	S56318			
CITROEN	XM V6	1990-ON	55457WC	S56220			
CITROEN	XSARA	1998-ON	55457WC	S56220			
CITROEN	ZX VOLCANE	1993-1998		S55066			S55090AGM
<b>DAEWOO</b>							
DAEWOO	1.5I	1994-1995	22F66WC	22F520SMF	22F600SMF 22F680SMF		
DAEWOO	APPLAUSE	1989-1995	NS40ZLWC	S42B19L		SM42B20LEFB	S34B20LAGM
DAEWOO	CIELO 4CYL 1.5	1994-1997	56318WC	S56318			
DAEWOO	ESPERO 6CYL 2.0	1991-ON	56318WC	S56318			
DAEWOO	KALOS	2003-ON	22FR66WC	22FR520SMF	22FR600SMF 22FR680SMF		
DAEWOO	KORANDO	1998-ON	NX1105WC	S80D26R			

MAKE	MODEL	YEAR	ACDELCO LMA	ACDELCO SMF	ACDELCO SMF HEAVY DUTY	ACDELCO EFB	ACDELCO AGM
DAEWOO	LACETTI	2003-ON	22FR66WC	22FR520SMF	22FR600SMF 22FR680SMF		
DAEWOO	LANOS 4CYL 1.5/1.6	1997-ON	22F66WC	22F520SMF	22F600SMF 22F680SMF		
DAEWOO	LEGANZA 4CYL 2.0/2.2	1997-ON	55D23RWC	S55D23R	S70D23R		
DAEWOO	MATIZ	1999-ON	NS40ZWC	S42B19R		SM42B20REFB	S34B20RAGM
DAEWOO	NUBIRA	1997-ON	22FR66WC	22FR520SMF	22FR600SMF 22FR680SMF		
DAEWOO	TACUMA	2000-ON	NX1105WC	S80D26R			
<b>DAIHATSU</b>							
DAIHATSU	1.5 / 2.0 / 3.0 TONNE DIESEL TRUCK	1990-1999	N100WC	SN100			
DAIHATSU	1.5 TONNE	1987-1989	NX1105WC	S80D26R			
DAIHATSU	APPLAUSE	1989-1997	NS40ZLWC	S42B19L		SM42B20LEFB	S34B20LAGM
DAIHATSU	CENTRO	1989-ON	NS40ZWC	S42B19R		SM42B20REFB	S34B20RAGM
DAIHATSU	CENTRO	1996-ON	NS40ZLSWC	S42B19LS			
DAIHATSU	CHARADE - GTI - CENTRO CS, DI, ST, TS	1978-1997	NS40ZLWC	S42B19L		SM42B20LEFB	S34B20LAGM
DAIHATSU	CHARADE	1996 - 2005		S55B24L		SN55B24LEFB	S46B24LAGM
DAIHATSU	COPEN	2000-2003	NS40ZLWC	S42B19L		SM42B20LEFB	S34B20LAGM
DAIHATSU	CUORE	2001-ON	NS40ZLWC	S42B19L		SM42B20LEFB	S34B20LAGM
DAIHATSU	DELTA DIESEL	1978-1990	22FR66WC X 2	22FR520SMF X 2	22FR600SMF X 2 22FR680SMF X 2		
DAIHATSU	DELTA PETROL	1977-ON	NS40ZWC	S42B19R		SM42B20REFB	S34B20RAGM
DAIHATSU	DELTA TWIN CAB PETROL	1978-ON	NS40ZLWC	S42B19L		SM42B20LEFB	S34B20LAGM
DAIHATSU	DELTA TRUCKS DIESEL	2002-ON		S31-901MF			
DAIHATSU	DUET	1989-1995	NS40ZLWC	S42B19L		SM42B20LEFB	S34B20LAGM
DAIHATSU	FEROZA	1989-1995	NS40ZWC	S42B19R		SM42B20REFB	S34B20RAGM
DAIHATSU	FEROZA DIESEL	1993-ON	NS40ZWC	S42B19R		SM42B20REFB	S34B20RAGM
DAIHATSU	FEROZA SERIES II	1993-ON	NS40ZWC	S42B19R		SM42B20REFB	S34B20RAGM
DAIHATSU	HANDIVAN HIJET 1000 VAN	1981-1999	NS40ZLWC	S42B19L		SM42B20LEFB	S34B20LAGM
DAIHATSU	MAX 538/540/580	1971-1975	NS40ZWC	S42B19R		SM42B20REFB	S34B20RAGM
DAIHATSU	MIRA	1990-1994	NS40ZLWC	S42B19L		SM42B20LEFB	S34B20LAGM
DAIHATSU	MOVE 3CYL 0.9	1997-2000	NS40ZLWC	S42B19L		SM42B20LEFB	S34B20LAGM
DAIHATSU	PYZAR	1998-ON	NS40ZLWC	S42B19L		SM42B20LEFB	S34B20LAGM
DAIHATSU	ROCKY	1984-ON	NS40ZLWC	S42B19L		SM42B20LEFB	S34B20LAGM
DAIHATSU	ROCKY DIESEL	1984-ON		S31-901MF			
DAIHATSU	SCAT	1982-1983	NS40ZLWC	S42B19L		SM42B20LEFB	S34B20LAGM
DAIHATSU	SCAT DIESEL	1982-1983	N100WC	SN100			
DAIHATSU	SIRION	2004-ON	NS40ZLWC	S42B19L		SM42B20LEFB	S34B20LAGM
DAIHATSU	TERIOS 4 WD / YRV	2000-2005	NS40ZLWC	S42B19L		SM42B20LEFB	S34B20LAGM
<b>DATSUN</b>							
DATSUN	1200 & 120Y	1970-1978		22NF330D			
DATSUN	1600 / 180B / 200B	1968-1981	22FR66WC	22FR520SMF	22FR600SMF 22FR680SMF		
DATSUN	240C / 260C SEDAN	1971-1977	22FR66WC	22FR520SMF	22FR600SMF 22FR680SMF		
DATSUN	240Z / 260Z / 280ZX	1969-1983	22FR66WC	22FR520SMF	22FR600SMF 22FR680SMF		
DATSUN	620 / 720 PETROL UTILITY (1500 / 1600 / 2000CC)	1972-1986	NX1105WC	S80D26R			
DATSUN	720 DIESEL UTILITY	1980-1987	NX1207WC	S95D31RHD		ST110D31REFB	

MAKE	MODEL	YEAR	ACDELCO LMA	ACDELCO SMF	ACDELCO SMF HEAVY DUTY	ACDELCO EFB	ACDELCO AGM
<b>DAIMLER</b>							
DAIMLER	MOST MODELS	1953-ON	NX1105WC	S80D26R			
<b>DODGE</b>							
DODGE	AVENGER (REMOVE LHF WHEEL & INNER GUARD)	2007-2013	22FR66WC	22FR520SMF	22FR600SMF 22FR680SMF		
DODGE	215 / 245 UTE	1971-1985	22F66WC	22F520SMF	22F600SMF 22F680SMF		
DODGE	CALIBER PETROL	2006-ON	22FR66WC	22FR520SMF	22FR600SMF 22FR680SMF		
DODGE	CALIBER DIESEL *REQUIRES SIDE LEDGE	2006-ON	NX1105WC	S80D26R			
DODGE	JOURNEY	2008-14-ON	22FR66WC	22FR520SMF	22FR600SMF 22FR680SMF		
DODGE	NITRO PETROL	2007-ON	NX1207WC	S95D31RHD		ST110D31REFB	
DODGE	NITRO DIESEL	2007-2010		S31-901MF			
DODGE	RAM PICK-UP DIESEL & PETROL (SOME MODELS 2 X BATTERIES)	2002-ON		S65-7MF			
DODGE	VIPER V10 8.0L	1992-2002		S78-6MF			
<b>FERRARI</b>							
FERRARI	355	1994-ON	56318WC	S56318			
FERRARI	360 / 456 / 456GT	1993-ON	56318WC	S56318			
FERRARI	512 / 512M	1992-ON	56318WC	S56318			
FERRARI	512 / 512I	1993-ON	55457WC	S56220			
FERRARI	550 MARANELLO	1997-ON	58515WC	S58515	S60038		S59590AGM
FERRARI	575 /612	2002-ON	56318WC	S56318			
FERRARI	599GTB	2006-ON	56318WC	S56318			
FERRARI	ALL MODELS 330 / 365 / V12	1965-1993	NX1105WC	S80D26R			
FERRARI	ALL OTHER MODELS	1974-1994	22FR66WC	22FR520SMF	22FR600SMF 22FR680SMF		
FERRARI	F50	1995-ON	NX1105LWC	S80D26L		SS95D26LEFB	
FERRARI	F430	2008-ON	56318WC	S56318			
FERRARI	MONDIAL / 348	1989-1994	56318WC	S56318			
FERRARI	TESTAROSSA	1995-ON	56318WC	S56318			
<b>FIAT</b>							
FIAT	100	1984-1986		S54516			
FIAT	131	1982-1988	55457WC	S56220			
FIAT	190	ALL	58515WC	S58515	S60038		S59590AGM
FIAT	500	2008-ON		S55066			S55090AGM
FIAT	124 / 125 / 127 / 128 / 130 / 132	1971-1977		22NF330D			
FIAT	ARGENTA	1983-1985		S54516			
FIAT	BRAVO	1996-2006		S54516			
FIAT	BRAVO 1.4 / 1.9 / JTD SPORT	2007	55457WC	S56220			
FIAT	ALL MODELS	1958-1982	22FR66WC	22FR520SMF	22FR600SMF 22FR680SMF		
FIAT	CHROMA	1988-1989	55457WC	S56220			
FIAT	CITY VAN	1989-1991		S54516			
FIAT	COUPE	1995	55457WC	S56220			
FIAT	DUCATO DIESEL VAN 2.3L	2002-ON		S60038			S59590AGM
FIAT	FIORINO VAN	1989-1997	58515WC	S58515	S60038		S59590AGM
FIAT	GRANDE PUNTO	2006		S54516			
FIAT	MAREA SEDAN & WEEKEND	1998		S54516			

MAKE	MODEL	YEAR	ACDELCO LMA	ACDELCO SMF	ACDELCO SMF HEAVY DUTY	ACDELCO EFB	ACDELCO AGM
FIAT	MULTIPLA	2001	NX1105WC	S80D26R			
FIAT	NUOVO DUCATO	1988-1992	58515WC	S58515	S60038		S59590AGM
FIAT	PANDA	1986-1990		S54516			
FIAT	PUNTO	2006-ON	55457WC	S56220			
FIAT	REGATA	1987-1989	55457WC	S56220			
FIAT	RITMO	2007-ON		S56030			S56090AGM
FIAT	STILO	2002-2006	55457WC	S56220			
FIAT	TEMPRA	1991-1996	55457WC	S56220			
FIAT	TIPO	1989-1995	55457WC	S56220			
FIAT	SCUDO	2007-ON		S60038			S59590AGM
FIAT	YUGO	1986-1983		S54516			
FIAT	SUPER BRAVA X 1-9	1983-1992	22FR66WC	22FR520SMF	22FR600SMF 22FR680SMF		
<b>FORD</b>							
FORD	BRONCO	1978-1990	22F66WC	22F520SMFDF			
FORD	CAPRI V6 GT3000 / RS3100	1968-1974	22F66WC	22F520SMFDF			
FORD	CAPRI 4 CYL (ENGLISH)	1968-1973		22NF330D			
FORD	CAPRI SA / SC (AUSTRALIAN BUILD)	1989-1992	NS40ZLSWC	S42B19LS			
FORD	CAPRI SE (AUSTRALIAN BUILD)	1993-1994	55D23LWC	S55D23L	S70D23L	SQ85D23LEFB	
FORD	CORSAIR	1989-1992	22F66WC	22F520SMFDF			
FORD	CORTINA 4 CYL MK1 / MK II / TC	1962-1976		22NF330D			
FORD	CORTINA 4 CYL TD / TE / TF & ALL 6 CYL	1972-1982	22F66WC	22F520SMFDF			
FORD	COUGAR V6 COUPE	1999-2004	56318WC	S56318			
FORD	COURIER DIESEL ALL MODELS MK I TO PH	1981-2007	NX1207WC	S95D31RHD		ST110D31REFB	
FORD	COURIER PETROL MK I	1978-1985	NS40ZWC	S42B19R		SM42B20REFB	S34B20RAGM
FORD	COURIER PETROL MK II	1985-1999	22FR66WC	22FR520SMF	22FR600SMF 22FR680SMF		
FORD	COURIER PETROL 4CYL MK III / PE / PG / PH	1999-2006	55D23RWC	S55D23R	S70D23R		
FORD	COURIER PETROL V6 PH	2004-2007	56638WC	S56638	S57220	S57450EFB	S57090AGM
FORD	ECONOVAN / ECONOVAN MAXI DIESEL	1985-1997	NX1207WC	S95D31RHD		ST110D31REFB	
FORD	ECONOVAN J6 PETROL	1997-1998	NS40ZLWC	S42B19L		SM42B20LEFB	S34B20LAGM
FORD	ECONOVAN MAXI	1997-1998	NS40ZLSWC	S42B19LS			
FORD	ECONOVAN PETROL	1985-1997	NS40ZLWC	S42B19L		SM42B20LEFB	S34B20LAGM
FORD	ESCAPE V6 BA / ZA	2001-2003	55D23LWC	S55D23L	S70D23L	SQ85D23LEFB	
FORD	ESCAPE 4 CYL ZB	2004-2006	55D23RWC	S55D23R	S70D23R		
FORD	ESCAPE V6 ZC	2006-2012	NX1105LWC	S80D26L		SS95D26LEFB	
FORD	ESCORT MK I / MK II 1100CC / 1300CC / 1.6L	1970-1980		22NF330D			
FORD	ESCORT MK II 2.0L & RS2000	1975-1981	22F66WC	22F520SMFDF			
FORD	EXPLORER V6 & V8 ALL MODELS	1996-2007		S65-7MF			
FORD	F100 / F250 / F350 PETROL 6CYL & V8 (AUSTRALIAN MODELS)	1973-1993	22F66WC	22F520SMFDF			
FORD	F150 / F250 / F350 PETROL V8 (USA MODELS)	1987-2014		S65-7MF			
FORD	F250 / F350 DIESEL 4.2 & 7.3L V8	2001-2014		S65-7MF X 2			
FORD	F250 LARIAT DIESEL V8 (ONE BATT UNDER FLOOR)	2011-ON		S65-7MF X 2			
FORD	FAIRLANE ZA / ZB / ZC / ZD / ZF / ZG / ZH / ZJ / ZK / ZL / NA	1967-1991	22F66WC	22F520SMFDF			
FORD	FAIRLANE NC / NC II	1991-1995	AU2266WC	AU22520SMFDF			
FORD	FAIRLANE NF / NL / AU / BA / BF	1995-2008	AU22R66WC	AU22R520SMF	AU22R600SMF		
FORD	FALCON XK / XL / XM / XP	1960-1966		22NF330D			

MAKE	MODEL	YEAR	ACDELCO LMA	ACDELCO SMF	ACDELCO SMF HEAVY DUTY	ACDELCO EFB	ACDELCO AGM
FORD	FALCON XR / XT / XW / XY / XA / XB / XC / XD / XE / XF	1966-1988	22F66WC	22F520SMFDF			
FORD	FALCON EA / EAI	1988-1991	22F66WC	22F520SMFDF			
FORD	FALCON EB / EBII / ED	1991-1994	AU2266WC	AU22520SMFDF			
FORD	FALCON EF / EL / AU / BA / BF	1994-2008	AU22R66WC	AU22R520SMF	AU22R600SMF		
FORD	FALCON FG 4CYL / 6CYL / V8 & LPG (ALL ENGINE VARIANTS)	2008-ON		AU22R600SMF			
FORD	FALCON UTE & PANEL VAN ALL MODELS XR TO XF SERIES III	1966-1993	22F66WC	22F520SMFDF			
FORD	FALCON UTE & PANEL VAN XG	1993-1996	AU2266WC	AU22520SMFDF			
FORD	FALCON UTE XH / AU / BA / BF	1996-ON	AU22R66WC	AU22R520SMF	AU22R600SMF		
FORD	FESTIVA WA	1991-1994	NS40ZLSWC	S42B19LS			
FORD	FESTIVA WB	1994-1997	55D23LWC	S55D23L	S70D23L	SQ85D23LEFB	
FORD	FESTIVA WD / WF	1997-2000		S50D20L			
FORD	FIESTA XR4	2007-ON	55457WC	S56220			
FORD	FIESTA	2001-ON		S54516			
FORD	FOCUS ST170 TURBO PETROL & DIESEL MODELS	2002-2008	56318WC	S56318			
FORD	FOCUS LR / LS / LT	2002-2009	56318WC	S56318			
FORD	FOCUS DIESEL 2.0L TREND / SPORT / TITANIUM LV / LW	2009-ON		S58014			
FORD	FOCUS PETROL 1.6L AMBIENTE LV / LW	2009-ON	55457WC	S56220			
FORD	FOCUS PETROL 2.0L TREND / SPORT / ST / TITANIUM	2009-ON	56318WC	S56318			
FORD	FPV FORCE 6 & FORCE 8 BF / BF II	2006-2008	AU22R66WC	AU22R520SMF	AU22R600SMF		
FORD	FPV F6 TORNADO & TYPHOON BAI / BF / BFII	2004-2008	AU22R66WC	AU22R520SMF	AU22R600SMF		
FORD	FPV FG ALL TURBO 6 & V8 MODELS	2008-ON		AU22R600SMF			
FORD	FPV F6X (TERRITORY)	2008-2009	AU22R66WC	AU22R520SMF	AU22R600SMF		
FORD	FPV GT & GT-P BA / BAI / BF / BFII	2003-2008	AU22R66WC	AU22R520SMF	AU22R600SMF		
FORD	FPV PURSUIT & SUPER PURSUIT UTE BA / BAI / BF / BFII	2003-2008	AU22R66WC	AU22R520SMF	AU22R600SMF		
FORD	G6 & G6E (FG)	2008-ON	AU22R66WC	AU22R520SMF	AU22R600SMF		
FORD	KA	1999-2004		S54516			
FORD	KUGA ECO-BOOST PETROL	2013-ON		S59096			S58090AGM
FORD	KUGA TDCI DIESEL	2013-ON		S59096			S58090AGM
FORD	LASER KA / KB / KC / KE / KF (BOLT-ON TERMINALS)	1981-1991	NS40ZLSWC	S42B19LS			
FORD	LASER & LIATA KH / KJ / KL / KN / KQ	1992-2003	55D23LWC	S55D23L	S70D23L	SQ85D23LEFB	
FORD	LASER LYNX KJ	1994-1996	55D23LWC	S55D23L	S70D23L	SQ85D23LEFB	
FORD	LTD P5 / P6 / FC / FD / FE / DA / DA II	1973-1991	22F66WC	22F520SMFDF			
FORD	LTD DC / DC II	1989-1995	AU2266WC	AU22520SMFDF			
FORD	LTD DF / DF II / DL / AU / BA / BF	1995-2008	AU22R66WC	AU22R520SMF	AU22R600SMF		
FORD	MAVERICK DIESEL	1988-1994	NX1207LWC	S95D31LHD		ST110D31LEFB	
FORD	MAVERICK PETROL	1988-1994	NX1105LWC	S80D26L		SS95D26LEFB	
FORD	METEOR (BOLT-ON TERMINALS)	1982-1987	NS40ZLSWC	S42B19LS			
FORD	MONDEO HA / HB / HC / HD / HE	1995-2001	55457WC	S56220			
FORD	MONDEO PETROL MA / MB	2007-ON	56318WC	S56318			
FORD	MONDEO DIESEL MA / MB	2007-ON		S58014			
FORD	MUSTANG	1964-1977	22F66WC	22F520SMFDF			
FORD	MUSTANG V8	1995-2004		S58-6MF			
FORD	MUSTANG V8	2005-ON	56318WC	S56318			
FORD	PROBE	1994-1998		S58R-6MF			

MAKE	MODEL	YEAR	ACDELCO LMA	ACDELCO SMF	ACDELCO SMF HEAVY DUTY	ACDELCO EFB	ACDELCO AGM
FORD	RAIDER	1991-1996	22F66WC	22F520SMF	22F600SMF 22F680SMF		
FORD	RANGER PK 2.5 & 3.0L	2007-2011	NX1207WC	S95D31RHD		ST110D31REFB	
FORD	RANGER PX 2.2 & 3.2L MANUAL TRANS	2011-ON	56318WC	S56318			
FORD	RANGER PX 2.2L & 3.2L AUTO TRANS	2011-ON		S58014			
FORD	SIERRA	1983-1992	55457WC	S56220			
FORD	SPECTRON DIESEL	1983-1995	NX1207WC	S95D31RHD		ST110D31REFB	
FORD	SPECTRON PETROL	1983-1995	NS40ZLWC	S42B19L		SM42B20LEFB	S34B20LAGM
FORD	T SERIES TE50	1999-ON	AU22R66WC	AU22R520SMF	AU22R600SMF		
FORD	TAURUS	1996-2000		S58R-6MF			
FORD	TELSTAR (BOLT-ON TERMINALS)	1983-1989	NS40ZLSWC	S42B19LS			
FORD	TELSTAR TX5 V6	1991-ON	55D23LWC	S55D23L	S70D23L	SQ85D23LEFB	
FORD	TERRITORY ALL PETROL MODELS	2002-ON	AU22R66WC	AU22R520SMF	AU22R600SMF		
FORD	TERRITORY DIESEL	2011-ON		S57220		S57450EFB	S57090AGM
FORD	TRANSIT VAN 4CYL (FIRST GEN.)	1965-1973		22NF330D			
FORD	TRANSIT VAN 6CYL (FIRST GEN.)	1973-1980	22F66WC	22F520SMFDF			
FORD	TRANSIT VAN PETROL (UNDER BONNET)	1995-2000	55457WC	S56220			
FORD	TRANSIT VAN DIESEL (UNDER BONNET)	1994-1996	55457WC X 2	S56220 X 2			
FORD	TRANSIT VAN DIESEL (UNDER SEAT)	1997-2005	56318WC	S56318			
FORD	TRANSIT VAN DIESEL (UNDER SEAT)	2006-2009		S58014 X 2			
FORD	TRANSIT VAN DIESEL (UNDER SEAT)	2009-ON	56318WC X 2	S56318 X 2			
<b>GREAT WALL</b>							
GREAT WALL	V240 SUV	2008-ON	NX1105WC	S80D26R			
GREAT WALL	V240 4X4 UTE & T/CAB	2010-ON	55D23RWC	S55D23R	S70D23R		
<b>HOLDEN</b>							
HOLDEN	ALL MODELS FE TO HZ	1956-1979	22FR66WC	22FR520SMF	22FR600SMF 22FR680SMF		
HOLDEN	1 TONNER HQ TO WB	1972-1984	22FR66WC	22FR520SMF	22FR600SMF 22FR680SMF		
HOLDEN	1 TONNER VY / VZ	2003-2007	22F66WC	22F520SMF	22F600SMF 22F680SMF		
HOLDEN	ADVENTRA VY /VZ 6CYL / VZ 8CYL	2004-ON	22F66WC	22F520SMF	22F600SMF 22F680SMF		
HOLDEN	APOLLO JK - JL	1989-1993	NS40ZLSWC	S42B19LS			
HOLDEN	APOLLO JM - JP	1993-1997	55D23LWC	S55D23L	S70D23L	SQ85D23LEFB	
HOLDEN	ASTRA TR / TS / AH / CONVERTIBLE / COUPE PETROL	1996-ON	56318WC	S56318			
HOLDEN	ASTRA AH DIESEL	2006-2009		S57210			
HOLDEN	BARINA MB / ML / MF / MH	1985-1994	NS40ZLWC	S42B19L		SM42B20LEFB	S34B20LAGM
HOLDEN	BARINA SB	1994-2001	55457WC	S56220			
HOLDEN	BARINA XC	2002-2006	56318WC	S56318			
HOLDEN	BARINA TK	2006-2011	22FR66WC	22FR520SMF	22FR600SMF 22FR680SMF		
HOLDEN	BARINA TM / CD	2011-ON		S56030			S56090AGM
HOLDEN	BARINA SPARK MJ	2011-ON		S55066			S55090AGM
HOLDEN	BARINA TM RS TURBO	2013-ON		S56030			S56090AGM
HOLDEN	CALAIS VK / VL / VN / VP / VR / VS	1984-1996	22FR66WC	22FR520SMF	22FR600SMF 22FR680SMF		
HOLDEN	CALAIS VT / VX / VY / VZ	1997-2005	22F66WC	22F520SMF	22F600SMF 22F680SMF		
HOLDEN	CALAIS VE / VF	2006-ON		S57220		S57450EFB	S57090AGM



MAKE	MODEL	YEAR	ACDELCO LMA	ACDELCO SMF	ACDELCO SMF HEAVY DUTY	ACDELCO EFB	ACDELCO AGM
HOLDEN	CALIBRA	1992-1997	56318WC	S56318			
HOLDEN	CAMIRA JB / JD SL & SLX	1983-1987	NS40ZSWC	S42B19RS			
HOLDEN	CAMIRA JB / JD SLE	1983-1987	22FR66WC	22FR520SMF	22FR600SMF 22FR680SMF		
HOLDEN	CAMIRA JE	1987-1989		22NF330LS			
HOLDEN	CAPRICE VQ / VR / VS	1990-1998	22FR66WC	22FR520SMF	22FR600SMF 22FR680SMF		
HOLDEN	CAPRICE WH / WK / WL	1999-2006	22F66WC	22F520SMF	22F600SMF 22F680SMF		
HOLDEN	CAPRICE WM / WN	2006-ON		S57220		S57450EFB	S57090AGM
HOLDEN	CAPTIVA PETROL V6 3.2L SERIES 1	2006-2010		S56840			
HOLDEN	CAPTIVA SERIES 1 DIESEL 2.0L	2007-2010		S59095			
HOLDEN	CAPTIVA PETROL 4 CYL 2.4L SERIES II	2011-ON		S56030			S56090AGM
HOLDEN	CAPTIVA PETROL V6 3.0L SERIES II	2011-ON		S57220		S57450EFB	S57090AGM
HOLDEN	CAPTIVA DIESEL 2.2L SERIES II	2011-ON		S60038			S59590AGM
HOLDEN	COLORADO RC DIESEL 3.0TD	2008-2011	NX1207LWC	S95D31LHD		ST110D31LEFB	
HOLDEN	COLORADO RC PETROL 4 CYL.	2008-2011		S55B24LS			
HOLDEN	COLORADO RC PETROL V6	2008-ON	NX1105LWC	S80D26L		SS95D26LEFB	
HOLDEN	COLORADO RG DIESEL 2.8TD	2012-ON		S60038			S59590AGM
HOLDEN	COLORADO 7	2013-ON		S60038			S59590AGM
HOLDEN	COMBO VAN SB	1994-2000	55457WC	S56220			
HOLDEN	COMBO VAN XC	2001-ON	56318WC	S56318			
HOLDEN	COMMODORE / CALAIS VK / VL / VN / VP / VR / VS	1985-1997	22FR66WC	22FR520SMF	22FR600SMF 22FR680SMF		
HOLDEN	COMMODORE / CALAIS / VT / VX / VY / VZ	1997-2006	22F66WC	22F520SMF	22F600SMF 22F680SMF		
HOLDEN	COMMODORE VE POLICE PACK	2006-2013		S57220		S57450EFB	S57090AGM
HOLDEN	COMMODORE VE POLICE PACK AUXILIARY	2006-2013					S57090AGM
HOLDEN	COMMODORE VE SERIES 1	2006-2010	56638WC	S56838	S57220	S57450EFB	S57090AGM
HOLDEN	COMMODORE VE SERIES II	2010-2013	56638WC	S56838	S57220	S57450EFB	S57090AGM
HOLDEN	COMMODORE VE EVOKE, BERLINA, SV6	2013-ON	56638WC	S56838	S57220	S57450EFB	S57090AGM
HOLDEN	COMMODORE VF SS, SS-V, CALAIS, CALAIS-V	2013-ON		S57220		S57450EFB	S57090AGM
HOLDEN	COMMODORE VF POLICE PACK AUXILIARY	2013-ON					S57090AGM
HOLDEN	COMMODORE UTE VG / VP / VR / VS	1990-1999	22FR66WC	22FR520SMF	22FR600SMF 22FR680SMF		
HOLDEN	COMMODORE UTE VU / VY / VZ	2000-2007	22F66WC	22F520SMF	22F600SMF 22F680SMF		
HOLDEN	COMMODORE UTE VE SERIES 1	2007-2010	56638WC	S56838	S57220	S57450EFB	S57090AGM
HOLDEN	COMMODORE UTE VE SERIES 11	2010-2013		S57220		S57450EFB	S57090AGM
HOLDEN	CREWMAN VYII / VZ	2003-2008	22F66WC	22F520SMF	22F600SMF 22F680SMF		
HOLDEN	CRUZE AWD YG	2002-2005	NS40ZLWC	S42B19L		SM42B20LEFB	S34B20LAGM
HOLDEN	CRUZE JG PETROL	2009-2010		S56220			
HOLDEN	CRUZE JH PETROL	2011-ON		S56030			S56090AGM
HOLDEN	CRUZE JG / JH DIESEL	2009-ON		S59096			S58090AGM
HOLDEN	DROVER QB	1985-1987	NS40ZWC	S42B19R		SM42B20REFB	S34B20RAGM
HOLDEN	EPICA EP PETROL	2007-ON		22FR680SMF			
HOLDEN	EPICA DIESEL	2008-ON		S59095			
HOLDEN	FRONTERA V6 UES	1999-2002	NX1105LWC	S80D26L		SS95D26LEFB	
HOLDEN	FRONTERA SPORT UT	1995-1998	56318WC	S56318			

MAKE	MODEL	YEAR	ACDELCO LMA	ACDELCO SMF	ACDELCO SMF HEAVY DUTY	ACDELCO EFB	ACDELCO AGM
HOLDEN	GEMINI DIESEL	1975-1984	22F66WC	22F520SMF	22F600SMF 22F680SMF		
HOLDEN	GEMINI PETROL RWD	1975-1984		22NF330D			
HOLDEN	GEMINI PETROL RB FWD	1985-1987	NS40ZSWC	S42B19RS			
HOLDEN	JACKAROO DIESEL 2.2L, 2.8L TD	1982-1991	NX1207WC	S95D31RHD		ST110D31REFB	
HOLDEN	JACKAROO DIESEL UBS 3.1L TD	1992-1997	NX1105WC	S80D26R			
HOLDEN	JACKAROO DIESEL U8 3.0L TD	1998-2004	NX1105WC X 2	S80D26R X 2			
HOLDEN	JACKAROO & MONTEREY UBS PETROL 3.2L V6	1992-1997	22FR66WC	22FR520SMF	22FR600SMF 22FR680SMF		
HOLDEN	JACKAROO & MONTEREY U8 PETROL 3.5L V6	1998-2004	NX1105WC	S80D26R			
HOLDEN	JACKAROO PETROL 4CYL.	1982-1991		22NF330LS			
HOLDEN	KINGSWOOD	1968-1979	22FR66WC	22FR520SMF	22FR600SMF 22FR680SMF		
HOLDEN	MALIBU PETROL	2013-ON		S56030			S56090AGM
HOLDEN	MALIBU DIESEL	2013-ON		S60038			S59590AGM
HOLDEN	MONARO HK TO HZ	1968-1979	22FR66WC	22FR520SMF	22FR600SMF 22FR680SMF		
HOLDEN	MONARO V2, VZ	2002-2007	22F66WC	22F520SMF	22F600SMF 22F680SMF		
HOLDEN	NOVA LE / LF	1989-1994		22NF330D			
HOLDEN	NOVA LG	1994-1996	56318WC	S56318			
HOLDEN	PIAZZA YB TURBO	1986-1997	22F66WC	22F520SMF	22F600SMF 22F680SMF		
HOLDEN	RODEO DIESEL KB/ TF 2.8L	1981-1999	NX1207WC	S95D31RHD		ST110D31REFB	
HOLDEN	RODEO DIESEL TF 3.0L / RA (4JH1)	2000-2007	NX1207LWC	S95D31LHD		ST110D31LEFB	
HOLDEN	RODEO PETROL RA 2.4L C24SE	2003-2007		S55B24LS			
HOLDEN	RODEO PETROL RA V6 6VE1	2003-2007		S70D23L		SQ85D23LEFB	
HOLDEN	RODEO PETROL RA V6 HFV6	2003-2007	NX1105LWC	S80D26L		SS95D26LEFB	
HOLDEN	RODEO PETROL TF 2.2L	1988-1999	55D23RWC	S55D23R	S70D23R		
HOLDEN	RODEO PETROL TF 2.6L	2000-2002	22FR66WC	22FR520SMF	22FR600SMF 22FR680SMF		
HOLDEN	RODEO PETROL TF 3.2L V6	1997-2002	55D23LWC	S55D23L	S70D23L	SQ85D23LEFB	
HOLDEN	SANDMAN	1974-1979	22FR66WC	22FR520SMF	22FR600SMF 22FR680SMF		
HOLDEN	SCURRY	1985-1987	NS40ZSWC	S42B19RS			
HOLDEN	SHUTTLE DIESEL	1983-1987	NX1207WC	S95D31RHD		ST110D31REFB	
HOLDEN	SHUTTLE WFR PETROL	1983-1987		22NF330D			
HOLDEN	STATESMAN VQ / VR / VS	1990-1998	22FR66WC	22FR520SMF	22FR600SMF 22FR680SMF		
HOLDEN	STATESMAN WM	2006-ON	56638WC	S56838	S57220	S57450EFB	S57090AGM
HOLDEN	STATESMAN WH / WK / WL	1999-2006	22F66WC	22F520SMF	22F600SMF 22F680SMF		
HOLDEN	SUBURBAN CK	1998-1999		S78-6MF			
HOLDEN	SUNBIRD	1977-1980	22FR66WC	22FR520SMF	22FR600SMF 22FR680SMF		
HOLDEN	TIGRA XCT	2005-ON	56318WC	S56318			
HOLDEN	TORANA 4CYL	1967-1973		22NF330D			
HOLDEN	TORANA 4CYL	1974-1980	22FR66WC	22FR520SMF	22FR600SMF 22FR680SMF		
HOLDEN	TORANA 6CYL & V8	1969-1980	22FR66WC	22FR520SMF	22FR600SMF 22FR680SMF		
HOLDEN	TRAX	2013-ON		S56030			S56090AGM

MAKE	MODEL	YEAR	ACDELCO LMA	ACDELCO SMF	ACDELCO SMF HEAVY DUTY	ACDELCO EFB	ACDELCO AGM
HOLDEN	VECTRA JR / JS / JSII / ZC 4&6 CYL	1999-ON	56318WC	S56318			
HOLDEN	VIVA JF	2006-ON	22FR66WC	22FR520SMF	22FR600SMF 22FR680SMF		
HOLDEN	VOLT (STARTER BATTERY)	2012-ON					S56090AGM
HOLDEN	ZAFIRA TT	2005-ON	56318WC	S56318			
<b>HSV</b>							
HSV	ALL HSV COMMODORES VN / VP / VR / VS	1988-1997	22FR66WC	22FR520SMF	22FR600SMF 22FR680SMF		
HSV	AVALANCHE UTILITY & WAGON VYII / VZ	2004-2005	22F66WC	22F520SMF	22F600SMF 22F680SMF		
HSV	CLUBSPORT & R8 VT / VTII / VX / VY / VYII / VZ	1997-2006	22F66WC	22F520SMF	22F600SMF 22F680SMF		
HSV	CLUBSPORT & R8 VE / VF	2006-ON	56638WC	S56838	S57220	S57450EFB	S57090AGM
HSV	COUPE GTO & GTS V2 / VZ	2001-2006	22F66WC	22F520SMF	22F600SMF 22F680SMF		
HSV	COUPE4 VZ	2004-2005	22F66WC	22F520SMF	22F600SMF 22F680SMF		
HSV	GRANGE VS	1995-1997	22FR66WC	22FR520SMF	22FR600SMF 22FR680SMF		
HSV	GRANGE WH / WK / WL	1998-2006	22F66WC	22F520SMF	22F600SMF 22F680SMF		
HSV	GRANGE WM / WN	2006-ON		S57220		S57450EFB	S57090AGM
HSV	GROUP A VN	1991-1991	22FR66WC	22FR520SMF	22FR600SMF 22FR680SMF		
HSV	GTS VP / VR / VS	1991-1997	22FR66WC	22FR520SMF	22FR600SMF 22FR680SMF		
HSV	GTS VT / VX / VY / VZ	1998-2006	22F66WC	22F520SMF	22F600SMF 22F680SMF		
HSV	GTS VE / VF	2006-ON	56638WC	S56838	S57220	S57450EFB	S57090AGM
HSV	MALOO & R8 VU / VY / VZ	2001-2007	22F66WC	22F520SMF	22F600SMF 22F680SMF		
HSV	MALOO & R8 VE / VF	2007-ON	56638WC	S56838	S57220	S57450EFB	S57090AGM
HSV	SENATOR VP / VR / VS	1991-1997		22FR680SMF			
HSV	SENATOR VT / VX / VY / VZ	1998-2006	22F66WC	22F520SMF	22F600SMF 22F680SMF		
HSV	SENATOR SIGNATURE VE / VF	2008-ON	56638WC	S56838	S57220	S57450EFB	S57090AGM
HSV	SV6000 VZ	2004-2006	22F66WC	22F520SMF	22F600SMF 22F680SMF		
HSV	VXR	2006-ON	56638WC	S56838	S57220	S57450EFB	S57090AGM
HSV	XU6 VT / VX / VY	1997-2003	22F66WC	22F520SMF	22F600SMF 22F680SMF		
<b>HONDA</b>							
HONDA	600 / 1300 / 20T / LIFE	1968-74	NS40ZLWC	S42B19L		SM42B20LEFB	S34B20LAGM
HONDA	ACCORD	1978-1985	NS40ZLSWC	S42B19LS			
HONDA	ACCORD 2DR / 4DR	1986-1993		S55B24RS			
HONDA	ACCORD EXI	1994-1997		S70D23L		SQ85D23LEFB	
HONDA	ACCORD EURO	2003-ON		S55B24LS			
HONDA	ACCORD V6	1998-2002	NX1105WC	S80D26R			
HONDA	ACCORD V6	2003-2007		S70D23L		SQ85D23LEFB	
HONDA	ACCORD V6	2008-ON	NX1105WC	S80D26R			
HONDA	ACCORD VTI	1994-2002		S70D23L		SQ85D23LEFB	
HONDA	ACCORD VTI / VTI-S / VTI-L	2003-2012		S55B24LS			
HONDA	ACCORD WAGON	1992-1993		S70D23R			

MAKE	MODEL	YEAR	ACDELCO LMA	ACDELCO SMF	ACDELCO SMF HEAVY DUTY	ACDELCO EFB	ACDELCO AGM
HONDA	ACCORD WAGON	1994-1996		S70D23L		SQ85D23LEFB	
HONDA	CITY	1984-1994		22NF330D			
HONDA	CITY	2009-ON	NS40ZLWC	S42B19L		SM42B20LEFB	S34B20LAGM
HONDA	CIVIC 3DR, 4DR, 5DR, COUPE, VTIR	1987-2005		S55B24RS			
HONDA	CIVIC HYBRID	2004-ON	NS40ZLWC	S42B19L		SM42B20LEFB	S34B20LAGM
HONDA	CIVIC 4DR, 5DR, TYPE R,	2006-2012		S55B24LS			
HONDA	CIVIC 4DR	2013		S55B24LS			
HONDA	CIVIC HATCH PETROL	2012-ON		S56030			S56090AGM
HONDA	CIVIC HATCH DIESEL	2013-ON				S57450EFB	
HONDA	CIVIC DTI-S DIESEL	2013-ON				S57450EFB	
HONDA	CONCERTO	1989-1991		S55B24RS			
HONDA	CR-V	1998-2001		S55B24RS			
HONDA	CR-V - PETROL	2002-ON		S55B24LS			
HONDA	CR-V - DIESEL	2014-ON				S57450EFB	
HONDA	CR-X	1988-1997		S55B24RS			
HONDA	CR-Z	2012-ON	NS40ZLWC	S42B19L		SM42B20LEFB	S34B20LAGM
HONDA	HR-V	1999-2000		S55B24LS			
HONDA	INSIGHT	1989-1999	NS40ZLWC	S42B19L		SM42B20LEFB	S34B20LAGM
HONDA	INSIGHT HYBRID	2011-ON	NS40ZLWC	S42B19L		SM42B20LEFB	S34B20LAGM
HONDA	INTEGRA SX	1986-1989		S55B24RS			
HONDA	INTEGRA LS	1990-1993		S70D23R			
HONDA	INTEGRA	1994-2001		S55B24RS			
HONDA	INTEGRA	2002-2006		S55B24LS			
HONDA	JAZZ	2003-ON	NS40ZLWC	S42B19L		SM42B20LEFB	S34B20LAGM
HONDA	LEGEND	1986-1990	NX1105LWC	S80D26L		SS95D26LEFB	
HONDA	LEGEND	1991-2012	NX1105WC	S80D26R			
HONDA	MDX	2003-2006	NX1105LWC	S80D26L		SS95D26LEFB	
HONDA	NSX	1991-1994		S70D23L		SQ85D23LEFB	
HONDA	NSX - MANUAL TRANSMISSION	1995		S70D23L		SQ85D23LEFB	
HONDA	NSX - AUTOMATIC TRANSMISSION	1995	NX1105LWC	S80D26L		SS95D26LEFB	
HONDA	NSX	1996-2004	NX1105LWC	S80D26L		SS95D26LEFB	
HONDA	ODYSSEY	1995-1999		S70D23L		SQ85D23LEFB	
HONDA	ODYSSEY 4CYL	2000-2013		S55B24LS			
HONDA	ODYSSEY V6	2000-2003		S70D23R			
HONDA	ODYSSEY ISS (START-STOP)	2014-ON				SQ85D23LEFB	
HONDA	PRELUDE 4WS	1988-1991	NX1105WC	S80D26R			
HONDA	PRELUDE ATTS	1997-2001	NX1105LWC	S80D26L		SS95D26LEFB	
HONDA	PRELUDE S	1992-1996		S55B24LS			
HONDA	PRELUDE SI-SRS	1993		S70D23L		SQ85D23LEFB	
HONDA	PRELUDE SI	1994-1996		S70D23L		SQ85D23LEFB	
HONDA	PRELUDE SI	1997-2001		S55B24LS			
HONDA	PRELUDE VTIR	1994-2001	NX1105LWC	S80D26L		SS95D26LEFB	
HONDA	S2000	2000-2009		S55B24LS			
HONDA	SHUTTLE	1998-ON		S55B24RS			
<b>HUMMER</b>							
HUMMER	H2	1992-2003		S78DT-6MF			
HUMMER	H3	2007-ON		22FR680SMF			

MAKE	MODEL	YEAR	ACDELCO LMA	ACDELCO SMF	ACDELCO SMF HEAVY DUTY	ACDELCO EFB	ACDELCO AGM
<b>HYUNDAI</b>							
HYUNDAI	ACCENT GL GLS	2000-	22F66WC	22F520SMF	22F600SMF 22F680SMF		
HYUNDAI	ACCENT			S50D20L			
HYUNDAI	ATOZ	1998	22FR66WC	22FR520SMF	22FR600SMF 22FR680SMF		
HYUNDAI	COUPE SX FX	1996-2002	22F66WC	22F520SMF	22F600SMF 22F680SMF		
HYUNDAI	ELANTRA GL / GLS	2001-2006	22F66WC	22F520SMF	22F600SMF 22F680SMF		
HYUNDAI	ELANTRA ACTIVE / ELITE / PREMIUM	2007-ON		S50D20L			
HYUNDAI	EXCEL	1986-1987	NS40ZLSWC	S42B19LS			
HYUNDAI	EXCEL	1988-2000	22F66WC	22F520SMF	22F600SMF 22F680SMF		
HYUNDAI	GETZ	2003-06	22F66WC	22F520SMF	22F600SMF 22F680SMF		
HYUNDAI	GETZ	2007-ON		S50D20L			
HYUNDAI	GRANDEUR	2008-ON	NX1105LWC	S80D26L		SS95D26LEFB	
HYUNDAI	GRANDEUR 3.0L/XG V6	1999-2005	55D23LWC	S55D23L	S70D23L	SQ85D23LEFB	
HYUNDAI	I20	2011-ON		S50D20L			
HYUNDAI	I30 CRDI DIESEL 1.6L	2007-	NX1105LWC	S80D26L		SS95D26LEFB	
HYUNDAI	I30 CRDI DIESEL	2013-ON		S57220		S57450EFB	S57090AGM
HYUNDAI	I30 2.0 SR PETROL	2007-ON	55D23LWC	S55D23L	S70D23L	SQ85D23LEFB	
HYUNDAI	IX35 DIESEL 2.0L	2009-ON	NX1207LWC	S95D31LHD		ST110D31LEFB	
HYUNDAI	IX35 DIESEL 2.4L & PETROL 2.4L	2009-ON	NX1105LWC	S80D26L		SS95D26LEFB	
HYUNDAI	IX35 PETROL 2.0L	2009-ON	55D23LWC	S55D23L	S70D23L	SQ85D23LEFB	
HYUNDAI	IX35 PETROL 2.4L	2013-ON	NX1105LWC	S80D26L		SS95D26LEFB	
HYUNDAI	I40 PETROL	2011-ON	55D23LWC	S55D23L	S70D23L	SQ85D23LEFB	
HYUNDAI	I40 DIESEL CRDI	2013-ON	NX1105LWC	S80D26L		SS95D26LEFB	
HYUNDAI	I45	2010-ON	NX1105LWC	S80D26L		SS95D26LEFB	
HYUNDAI	ILOAD DIESEL (BOTTOM HOLD DOWN LEDGE)	2008-ON	NX1207WC	S95D31RHD		ST110D31REFB	
HYUNDAI	IMAX PETROL (BOTTOM HOLD DOWN LEDGE)	2008-ON	NX1105WC	S80D26R			
HYUNDAI	IMAX DIESEL (BOTTOM HOLD DOWN LEDGE)	2008-ON	NX1207WC	S95D31RHD		ST110D31REFB	
HYUNDAI	LANTRA	1991-1996	22FR66WC	22FR520SMF	22FR600SMF 22FR680SMF		
HYUNDAI	LANTRA	1997-2002	22F66WC	22F520SMF	22F600SMF 22F680SMF		
HYUNDAI	LAVITA MPV	2001-ON	22F66WC	22F520SMF	22F600SMF 22F680SMF		
HYUNDAI	S COUPE	1990-1997	22FR66WC	22FR520SMF	22FR600SMF 22FR680SMF		
HYUNDAI	SANTA FE DIESEL CRDI 2.2L	2007-ON	NX1207LWC	S95D31LHD		ST110D31LEFB	
HYUNDAI	SANTA FE GL GLV6	2000-ON	NX1105LWC	S80D26L		SS95D26LEFB	
HYUNDAI	SANTA FE DIESEL (REQUIRES BHD LEDGE)	2014-ON	NX1207LWC	S95D31LHD		ST110D31LEFB	
HYUNDAI	SONATA	1989-1999	22FR66WC	22FR520SMF	22FR600SMF 22FR680SMF		
HYUNDAI	SONATA GL GLV6	2000-2005	NX1105LWC	S80D26L		SS95D26LEFB	
HYUNDAI	SONATA GLE	1994-1995		S55B24RS			
HYUNDAI	SPORTSWAGON	1999-ON	22F66WC	22F520SMF	22F600SMF 22F680SMF		
HYUNDAI	STELLAR	1984-ON	NS40ZLWC	S42B19L		SM42B20LEFB	S34B20LAGM
HYUNDAI	TERRACAN DIESEL	2004-ON		S31-901MF			

MAKE	MODEL	YEAR	ACDELCO LMA	ACDELCO SMF	ACDELCO SMF HEAVY DUTY	ACDELCO EFB	ACDELCO AGM
HYUNDAI	TERRACAN HIGHLANDER	2002-ON	NX1105WC	S80D26R			
HYUNDAI	TERRACAN PETROL	2004-ON		S70D23L		SQ85D23LEFB	
HYUNDAI	TIBURON	2002-ON	NX1105LWC	S80D26L		SS95D26LEFB	
HYUNDAI	TRAJET GL GLS	2000-ON	NX1105LWC	S80D26L		SS95D26LEFB	
HYUNDAI	TUCSON 4CYL.	2005-ON	55D23LWC	S55D23L	S70D23L	SQ85D23LEFB	
HYUNDAI	TUCSON V6	2004-ON	NX1105LWC	S80D26L		SS95D26LEFB	
HYUNDAI	VELOSTER	2011-ON		S55066			S55090AGM
<b>INFINITI</b>							
INFINITI	FX37 GT / FX37 S	2012-ON		S70D23L		SQ85D23LEFB	
INFINITI	G37 GT / G37 S	2012-ON		S70D23L		SQ85D23LEFB	
<b>ISUZU</b>							
ISUZU	D-MAX DIESEL UTILITY	2008-ON	NX1207LWC	S95D31LHD		ST110D31LEFB	
ISUZU	D-MAX DIESEL UTILITY	2012-ON	NX1105LWC	S80D26L		SS95D26LEFB	
ISUZU	D-MAX PETROL V6	2008-12-ON	NX1105WC	S80D26R			
ISUZU	MU-X	2013-ON	NX1105LWC	S80D26L		SS95D26LEFB	
<b>JAGUAR</b>							
JAGUAR	DAIMLER	1986-1990	55457WC	S56220			
JAGUAR	DAIMLER	1986-2002	55457WC	S56220			
JAGUAR	E-TYPE (CHECK HEIGHT CLEARANCE)	1961-1975	22FR66WC	22FR520SMF	22FR600SMF 22FR680SMF		
JAGUAR	SOVEREIGN	1987-1994	55457WC	S56220			
JAGUAR	S-TYPE CCX	1998-2008		S60038			S59590AGM
JAGUAR	V12	1972-1994	22FR66WC	22FR520SMF	22FR600SMF 22FR680SMF		
JAGUAR	XF	2009-ON		S60038			S59590AGM
JAGUAR	XJR / XJR 8 / XJ6 / XJ8 / XJ12	1994-ON	58515WC	S58515	S60038		S59590AGM
JAGUAR	XJS SERIES III	1976-1994	55457WC	S56220			
JAGUAR	XJS V12	1991-1996	56318WC	S56318			
JAGUAR	X TYPE 2.1L / 2.5L	2001-ON	56318WC	S56318			
JAGUAR	X TYPE 3.0L	2001-ON	58515WC	S58515	S60038		S59590AGM
JAGUAR	XJ40	1987-1994	55457WC	S56220			
JAGUAR	XJ6 SOVEREIGN	1972-1994	22FR66WC	22FR520SMF	22FR600SMF 22FR680SMF		
JAGUAR	XJ8	2006-ON		S60038			S59590AGM
JAGUAR	XK8 / XKR8	1995-ON	58515WC	S58515	S60038		S59590AGM
<b>JEEP</b>							
JEEP	CHEROKEE RENEGADE, WAGONEER	1979-1994	22FR66WC	22FR520SMF	22FR600SMF 22FR680SMF		
JEEP	CHEROKEE XJ SPORT / LIMITED 4.0L 6 CYL.	1994-2001		S58-6MF			
JEEP	CHEROKEE KJ	2002-2007	56318WC	S56318			
JEEP	JEEP CHEROKEE 5.7 V8 HEMI	2007-ON		S59096			S58090AGM
JEEP	COMMANDER	2006-2009		S60038			S59590AGM
JEEP	COMPASS PETROL	2006-13-ON	22FR66WC	22FR520SMF	22FR600SMF 22FR680SMF		
JEEP	GRAND CHEROKEE ZJ 4.0 L	1995-1999		S58-6MF			
JEEP	GRAND CHEROKEE WH	2005-ON	58515WC	S58515	S60038		S59590AGM
JEEP	GRAND CHEROKEE WJ PETROL	1999-2005		S57220		S57450EFB	S57090AGM
JEEP	GRAND CHEROKEE WJ DIESEL	2002-2005		S60038			S59590AGM
JEEP	GRAND CHEROKEE WK 4.7 V8 / 5.7 V8 SRT	2005-2010		S59096			S58090AGM
JEEP	GRAND CHEROKEE WK DIESEL	2005-2010		S59096			S58090AGM

MAKE	MODEL	YEAR	ACDELCO LMA	ACDELCO SMF	ACDELCO SMF HEAVY DUTY	ACDELCO EFB	ACDELCO AGM
JEEP	GRAND CHEROKEE WK 2 PETROL	2011-ON					S58090AGM
JEEP	GRAND CHEROKEE DIESEL	2011-ON					S59590AGM
JEEP	GRAND CHEROKEE SRT-8	2011-ON					S58090AGM
JEEP	PATRIOT PETROL 4CYL	2007-ON		S78DT-6MF			
JEEP	PATRIOT PETROL 2.0L	2103-	22FR66WC	22FR520SMF	22FR600SMF 22FR680SMF		
JEEP	RENAGADE YJ	1987-1995	22FR66WC	22FR520SMF	22FR600SMF 22FR680SMF		
JEEP	WRANGLER TJ	1997-2006		S58R-6MF			
JEEP	WRANGLER TJ	1996-2005		S56840			
JEEP	WRANGLER JK DIESEL	2007-ON	NX1207WC	S95D31RHD		ST110D31REFB	
JEEP	WRANGLER 3.6L V6	2013-ON	56318WC	S56318			
<b>KIA</b>							
KIA	CARENS	1999-2002	55457WC	S56220			
KIA	CARNIVAL	1999-ON	NX1105LWC	S80D26L		SS95D26LEFB	
KIA	CERATO EX	2007-ON		S70D23L		SQ85D23LEFB	
KIA	CERES DIESEL	1995-ON	NX1207WC	S95D31RHD		ST110D31REFB	
KIA	CERES ROCSTA	1992-1993	22F66WC	22F520SMF	22F600SMF 22F680SMF		
KIA	CREDOS MENTOR GLX SLX	1996-ON	55457WC	S56220			
KIA	GRAND CARNIVAL DIESEL 4CYL	2008-ON	NX1207LWC	S95D31LHD		ST110D31LEFB	
KIA	GRAND CARNIVAL PETROL V6	2008-ON	NX1105LWC	S80D26L		SS95D26LEFB	
KIA	KOUP	2009-2014	55D23LWC	S55D23L	S70D23L	SQ85D23LEFB	
KIA	K 2700 DIESEL	1998-ON	NX1207LWC	S95D31LHD		ST110D31LEFB	
KIA	K 2900 PETROL	2008-ON	55D23LWC	S55D23L	S70D23L	SQ85D23LEFB	
KIA	MAGENTIS	2006-ON	NX1105LWC	S80D26L		SS95D26LEFB	
KIA	MENTOR	1998-2000	55458WC	S55458			
KIA	OPTIMA	2003-ON	NX1105LWC	S80D26L		SS95D26LEFB	
KIA	PREGIO VAN PETROL	2003-ON	NX1207LWC	S95D31LHD		ST110D31LEFB	
KIA	PREGIO VAN DIESEL	2003-ON	NX1207LWC	S95D31LHD		ST110D31LEFB	
KIA	PRIDE	1991-1996	56318WC	S56318			
KIA	RIO	2000-2005	55D23LWC	S55D23L	S70D23L	SQ85D23LEFB	
KIA	RIO *REQUIRES BHD LEDGE	2006-ON		S50D20L			
KIA	ROCSTA DELUXE	1994-ON	55D23RWC	S55D23R	S70D23R		
KIA	RONDO	2008-ON	55D23LWC	S55D23L	S70D23L	SQ85D23LEFB	
KIA	SHUMA	2000-ON	55457WC	S56220			
KIA	SORRENTO	2003	NX1105WC	S80D26R			
KIA	SORRENTO LX DIESEL	2006-ON	NX1207WC	S95D31RHD		ST110D31REFB	
KIA	SOUL	2008-2009	55D23LWC	S55D23L	S70D23L	SQ85D23LEFB	
KIA	SOUL DIESEL	2010-ON	NX1105LWC	S80D26L		SS95D26LEFB	
KIA	SOUL PETROL	2010-ON		S54516			
KIA	SPECTRA	2001-ON	55458WC	S55458			
KIA	SPORTAGE	2006-ON	NX1105LWC	S80D26L		SS95D26LEFB	
KIA	SPORTAGE 4WD B547 GSE SE	2001-ON	55457WC	S56220			
KIA	SPORTAGE 4WD GSE SE	1996-1998		S58R-6MF			
KIA	SPORTAGE DIESEL 4CYL	2005-ON	NX1207LWC	S95D31LHD		ST110D31LEFB	
KIA	SPORTAGE PETROL 4CYL	2005-ON	55D23LWC	S55D23L	S70D23L	SQ85D23LEFB	
KIA	SPORTAGE PETROL V6	2005-ON	NX1105LWC	S80D26L		SS95D26LEFB	

MAKE	MODEL	YEAR	ACDELCO LMA	ACDELCO SMF	ACDELCO SMF HEAVY DUTY	ACDELCO EFB	ACDELCO AGM
<b>LADA</b>							
LADA	CABRIOLET	1983-1995	22FR66WC	22FR520SMF	22FR600SMF 22FR680SMF		
LADA	2104 / 2105 / 2107	1986-1994	22FR66WC	22FR520SMF	22FR600SMF 22FR680SMF		
LADA	CEVARO	1983-1995	22FR66WC	22FR520SMF	22FR600SMF 22FR680SMF		
LADA	NIVA	1983-1999	22FR66WC	22FR520SMF	22FR600SMF 22FR680SMF		
LADA	SAMARA	1988-1996	22FR66WC	22FR520SMF	22FR600SMF 22FR680SMF		
LADA	TORO	1983-1995	22FR66WC	22FR520SMF	22FR600SMF 22FR680SMF		
LADA	TAIGA	1991-1996	22FR66WC	22FR520SMF	22FR600SMF 22FR680SMF		
LADA	VOLANTE	1983-1995	22FR66WC	22FR520SMF	22FR600SMF 22FR680SMF		
<b>LAMBORGHINI</b>							
LAMBORGHINI	COUNTACH	1977-1987	56318WC	S56318			
LAMBORGHINI	DIABLO	1990-2001	56318WC	S56318			
LAMBORGHINI	MURCIELAGO	2002-ON		S59228			
<b>LANCIA</b>							
LANCIA	MOST MODELS	1966-ON	55457WC	S56220			
LANCIA	BETA	1974-1985	55457WC	S56220			
LANCIA	DELTA HF TURBO DEDRA	1985-1991	55457WC	S56220			
LANCIA	SALOON	1974-1976	22FR66WC	22FR520SMF	22FR600SMF 22FR680SMF		
LANCIA	THEMA V6 IE / TURBO	1986-1991	55457WC	S56220			
LANCIA	GAMMA	1974-1985	22FR66WC	22FR520SMF	22FR600SMF 22FR680SMF		
<b>LANDROVER</b>							
LANDROVER	LANDROVER PETROL	1977-1984	NX1207WC	S95D31RHD		ST110D31REFB	
LANDROVER	LANDROVER 110 PETROL	1984-1991	22FR66WC X 2	22FR520SMF X 2	22FR600SMF X 2 22FR680SMF X 2		
LANDROVER	DEFENDER 90 & 110 DIESEL 4CYL	1983-ON	NX1207WC	S95D31RHD		ST110D31REFB	
LANDROVER	DEFENDER PETROL	1984-1992	NX1105WC	S80D26R			
LANDROVER	DEFENDER PETROL & DIESEL	1992-2007	NX1207WC	S95D31RHD		ST110D31REFB	
LANDROVER	DEFENDER SERIES 4 DIESEL & TD5	2003-ON		S31-901MF			
LANDROVER	DEFENDER DIESEL	2007-ON		S60038			S59590AGM
LANDROVER	DISCOVERY SERIES 1 PETROL	1991-1996	NX1105WC	S80D26R			
LANDROVER	DISCOVERY SERIES 1 DIESEL	1991-1996	NX1105WC	S80D26R			
LANDROVER	DISCOVERY SERIES 2 PETROL	1999-2003	NX1207WC	S95D31RHD		ST110D31REFB	
LANDROVER	DISCOVERY SERIES 2 DIESEL	1999-2003		S31-901MF			
LANDROVER	DISCOVERY SERIES 3 PETROL	2004-2007		S58014			
LANDROVER	DISCOVERY SERIES 3 DIESEL	2004-2007		S60038			S59590AGM
LANDROVER	DISCOVERY SERIES 4 DIESEL V6	2008-ON		S60038			S59590AGM
LANDROVER	DISCOVERY SERIES 4 PETROL V8	2008-ON		S60038			S59590AGM
LANDROVER	FREELANDER & FREELANDER 2	1998-ON	56318WC	S56318			
LANDROVER	FREELANDER DIESEL	2001-2005	56318WC	S56318			
LANDROVER	FREELANDER 2	2006-ON		S58014			



MAKE	MODEL	YEAR	ACDELCO LMA	ACDELCO SMF	ACDELCO SMF HEAVY DUTY	ACDELCO EFB	ACDELCO AGM
<b>LEXUS</b>							
LEXUS	CT200H HYBRID	2012-ON					S46B24RAGM
LEXUS	ES300 / ES300S / IS200	1990-ON	55D23LWC	S55D23L	S70D23L	SQ85D23LEFB	
LEXUS	GS300 / GS450H / GS450 / LX470 / LS430 4WD / SC430 / IS300	1997-ON	NX1105LWC	S80D26L		SS95D26LEFB	
LEXUS	SC300/400	1997-ON	55D23LWC	S55D23L	S70D23L	SQ85D23LEFB	
LEXUS	IS250	2006-2008	NX1105LWC	S80D26L		SS95D26LEFB	
LEXUS	IS250	2008-2010	55D23LWC	S55D23L	S70D23L	SQ85D23LEFB	
LEXUS	IS250 / 350	2011-ON	NX1105LWC	S80D26L		SS95D26LEFB	
LEXUS	L100H	2008-ON		S55B24LS			
LEXUS	LS400	1990-1999	56318WC	S56318			
LEXUS	LS430 / LS460 - 460HL / RX330 / RX350 / RX400 / SC430	2001-ON	NX1105LWC	S80D26L		SS95D26LEFB	
LEXUS	LX470 / LX570	1998-2007	NX1207LWC	S95D31LHD		ST110D31LEFB	
LEXUS	RS460H	2011-ON	NX1105LWC	S80D26L		SS95D26LEFB	
<b>LEYLAND</b>							
LEYLAND	MARINA	1972-1975		22NF330D			
LEYLAND	MINI	1963-1970		22NF330D			
LEYLAND	MINI	1971-1978	22FR66WC	22FR520SMF	22FR600SMF 22FR680SMF		
LEYLAND	MOKE	1966-1983		22NF330D			
LEYLAND	MORRIS 1000 / 1100 / 1300 / 1500, NOMAD	1966-1983		22NF330D			
LEYLAND	P76	1973-1975	22FR66WC	22FR520SMF	22FR600SMF 22FR680SMF		
<b>LOTUS</b>							
LOTUS	ELAN	1989-1992	55457WC	S56220			
LOTUS	ECLAT 522 ELAN	1968-ON		22NF330D			
LOTUS	ELISE / 111 / S2	2000-ON		S54516			
LOTUS	ELISE 111R TOURING	2004-ON	56318WC	S56318			
LOTUS	ESPRIT TURBO	1989-1992	56318WC	S56318			
LOTUS	ESPRITE V8	1997-ON	56318WC	S56318			
LOTUS	EXCEL	1985-1992	55457WC	S56220			
LOTUS	EXIGE	2001-ON	56318WC	S56318			
<b>MAHINDRA</b>							
MAHINDRA	PIK UP & GEN 10 UTE	2008-ON	NX1207WC	S95D31RHD		ST110D31REFB	
MAHINDRA	XUV500 (W8) WAGON	2012-ON	NX1207WC	S95D31RHD		ST110D31REFB	
<b>MASERATI</b>							
MASERATI	3200 GT	1998-2001	56318WC	S56318			
MASERATI	ALL MODELS	1987-89	22FR66WC	22FR520SMF	22FR600SMF 22FR680SMF		
MASERATI	BITURBO 425 / COUPE / SPYDER	1987-1990	55457WC	S56220			
MASERATI	GRAN TURISMO	2007-ON	56318WC	S56318			
MASERATI	QUATTROPORTE	2003-ON	56318WC	S56318			
MASERATI	SPYDER GT CAMBIOCORSA	2001-ON	55458WC	S55458			
<b>MAZDA</b>							
MAZDA	121	1987-1994	NS40ZLSWC	S42B19LS			
MAZDA	121	1994-1995		22NF330D			
MAZDA	121 REVUE	1996-1997	NS40ZLSWC	S42B19LS			
MAZDA	121 METRO	1997-1999		S50D20L			

MAKE	MODEL	YEAR	ACDELCO LMA	ACDELCO SMF	ACDELCO SMF HEAVY DUTY	ACDELCO EFB	ACDELCO AGM
MAZDA	121 METRO	1999-2002	NS40ZLSWC	S42B19LS			
MAZDA	323	1977-1980	NS40ZSWC	S42B19RS			
MAZDA	323	1981-1994	NS40ZLSWC	S42B19LS			
MAZDA	323	1994-2003	55D23LWC	S55D23L	S70D23L	SQ85D23LEFB	
MAZDA	626	1978-1982	NS40ZSWC	S42B19RS			
MAZDA	626	1983-1993	NS40ZLSWC	S42B19LS			
MAZDA	626	1993-2003	55D23LWC	S55D23L	S70D23L	SQ85D23LEFB	
MAZDA	800 LELLENIA	1994-ON	NX1105LWC	S80D26L		SS95D26LEFB	
MAZDA	929 4CYL	1982-1991	NS40ZLSWC	S42B19LS			
MAZDA	929 V6	1990-1997	55D23LWC	S55D23L	S70D23L	SQ85D23LEFB	
MAZDA	ASTINA	1994-ON	55D23LWC	S55D23L	S70D23L	SQ85D23LEFB	
MAZDA	B SERIES 1800 / 2000	1986-1989	22FR66WC	22FR520SMF	22FR600SMF 22FR680SMF		
MAZDA	B2000 PETROL	1980-1995	NS40ZLSWC	S42B19LS			
MAZDA	B2200 DIESEL E2200	1980-1995	NX1207WC	S95D31RHD		ST110D31REFB	
MAZDA	B2500 DIESEL	2000-ON	NX1207WC	S95D31RHD		ST110D31REFB	
MAZDA	B2600 PETROL UTILITY	1988-2002	22FR66WC	22FR520SMF	22FR600SMF 22FR680SMF		
MAZDA	BRAVO (BT50) DIESEL	2006-2011	NX1207WC	S95D31RHD		ST110D31REFB	
MAZDA	BRAVO PETROL V6	2006-2011		S56030			S56090AGM
MAZDA	BT50 TURBO DIESEL	2007-2010	NX1207WC	S95D31RHD		ST110D31REFB	
MAZDA	BT50 2.2L & 3.2L MANUAL	2011-ON	56318WC	S56318			
MAZDA	BT50 3.2L AUTO	2011-ON		S58014			
MAZDA	CAPELLA RX2	1970-1995	22FR66WC	22FR520SMF	22FR600SMF 22FR680SMF		
MAZDA	CX5 SKYACTIV-G PETROL (START-STOP)	2012-ON				SQ85D23LEFB	
MAZDA	CX5 SKYACTIV-D DIESEL (REQUIRES EFB)	2012-ON				ST110D31LEFB	
MAZDA	CX7 PETROL	2007-ON	55D23LWC	S55D23L	S70D23L	SQ85D23LEFB	
MAZDA	CX7 DIESEL	2009-ON	NX1105LWC	S80D26L		SS95D26LEFB	
MAZDA	CX9	2007-13-ON	NX1105LWC	S80D26L		SS95D26LEFB	
MAZDA	E SERIES PETROL	2003-ON	NS40ZLSWC	S42B19LS			
MAZDA	E1300 E1400 E1600	1978-1986	NS40ZWC	S42B19R		SM42B20REFB	S34B20RAGM
MAZDA	E2000	1984-1995	NS40ZLWC	S42B19L		SM42B20LEFB	S34B20LAGM
MAZDA	EUNOS 30X V6 300	1992-1996	55D23LWC	S55D23L	S70D23L	SQ85D23LEFB	
MAZDA	EUNOS 500	1993-1996	55D23LWC	S55D23L	S70D23L	SQ85D23LEFB	
MAZDA	EUNOS 800	1993-1996	55D23LWC	S55D23L	S70D23L	SQ85D23LEFB	
MAZDA	MAZDA 2 (DY)	2002-2009	NS40ZLSWC	S42B19LS			
MAZDA	MAZDA 2 (DE)	2010-ON		S50D20L			
MAZDA	MAZDA 3	2004-2012		S50D20L			
MAZDA	MAZDA 3 MPS	2006-ON	55D23LWC	S55D23L	S70D23L	SQ85D23LEFB	
MAZDA	MAZDA 3 DIESEL	2007-ON	NX1207LWC	S95D31LHD		ST110D31LEFB	
MAZDA	MAZDA 3 SKYACTIV-G PETROL (REQUIRES EFB)	2012-ON				SQ85D23LEFB	
MAZDA	MAZDA 6	2002-2012	55D23LWC	S55D23L	S70D23L	SQ85D23LEFB	
MAZDA	MAZDA 6 MPS	2006-2012	55D23LWC	S55D23L	S70D23L	SQ85D23LEFB	
MAZDA	MAZDA 6 MZR DIESEL	2003-2012	NX1207LWC	S95D31LHD		ST110D31LEFB	
MAZDA	MAZDA 6 SKYACTIV-G PETROL & I-ELOOP (REQUIRES EFB)	2013-ON				SQ85D23LEFB	
MAZDA	MAZDA 6 SKYACTIV-D DIESEL (REQUIRES EFB)	2013-ON				ST110D31LEFB	
MAZDA	MILLENNIA	2000-ON	55D23LWC	S55D23L	S70D23L	SQ85D23LEFB	

MAKE	MODEL	YEAR	ACDELCO LMA	ACDELCO SMF	ACDELCO SMF HEAVY DUTY	ACDELCO EFB	ACDELCO AGM
MAZDA	MPV	1993-1996	22FR66WC	22FR520SMF	22FR600SMF 22FR680SMF		
MAZDA	MPV	1997-2006	55D23LWC	S55D23L	S70D23L	SQ85D23LEFB	
MAZDA	MX5 (CHECK BATTERY PROVISION FOR VENT-TUBE)	1995-ON		22NF330D			
MAZDA	MX6 4CYL TURBO	1987-1991	NS40ZLSWC	S42B19LS			
MAZDA	MX6 6CYL	1991-1995	55D23LWC	S55D23L	S70D23L	SQ85D23LEFB	
MAZDA	PREMACY	2003-ON		S50D20L			
MAZDA	PROTEGE	2003-ON		S50D20L			
MAZDA	RX3 / RX4 / RX5 / RX7	1972-1993	22FR66WC	22FR520SMF	22FR600SMF 22FR680SMF		
MAZDA	RX7	1994-ON	22F66WC	22F520SMF	22F600SMF 22F680SMF		
MAZDA	RX8	2003-ON		S70D23L		SQ85D23LEFB	
MAZDA	SAVANNA 808 / 1600	1972-1989	NS40ZLWC	S42B19L		SM42B20LEFB	S34B20LAGM
MAZDA	SV 20	2003-ON		S50D20L			
MAZDA	TRAVELLER	1983-1989	NS40ZLWC	S42B19L		SM42B20LEFB	S34B20LAGM
MAZDA	TRIBUTE 4CYL	2001-ON	55D23LWC	S55D23L	S70D23L	SQ85D23LEFB	
MAZDA	TRIBUTE V6	2001-ON	NX1105LWC	S80D26L		SS95D26LEFB	
<b>MERCEDES</b>							
MERCEDES	240 ELEGANCE / AVANTGARDE	2004	58515WC	S58515	S60038		S59590AGM
MERCEDES	180E	1991-1994	56318WC	S56318			
MERCEDES	190D / 190E	1985-1993	56318WC	S56318			
MERCEDES	220E	2009		S59096			S58090AGM
MERCEDES	230E / 230TE / 260E / 300CE / 300D / 300E	1984-1993	56318WC	S56318			
MERCEDES	300SE / 300TD / 300TE / 320CE / 320E	1979-1993	58515WC	S58515	S60038		S59590AGM
MERCEDES	400S / 400SE / 450S SEL SLC	1973-1980	58515WC	S58515	S60038		S59590AGM
MERCEDES	500SE / 500SEC / 500SL	1989-1993	58515WC	S58515	S60038		S59590AGM
MERCEDES	560SL / 560SEC / 560SEL 600SEL	1986-1992	58515WC	S58515	S60038		S59590AGM
MERCEDES	A160 / A170 / A180 / A190 / A200 TURBO PETROL	1999-2009		S56030			S56090AGM
MERCEDES	A160	2009-ON					S56090AGM
MERCEDES	A180 CDI / A200 CDI DIESEL			S57220		S57450EFB	S57090AGM
MERCEDES	B180 / B200	2005-2009					S56090AGM
MERCEDES	C160 / C180 KOMPRESSOR	2002-2008	58515WC	S58515	S60038		S59590AGM
MERCEDES	C180 PETROL	1996-2001		S56030			S56090AGM
MERCEDES	C180 CGI / C180 PETROL BLUE EFFICIENCY	2010-ON					S57090AGM
MERCEDES	C180K	2009-2011					S59590AGM
MERCEDES	C200 PETROL	1994-2009		S57220		S57450EFB	S57090AGM
MERCEDES	C200K / C200 CDI / C220 CDI	1999-2010		S60038			S59590AGM
MERCEDES	C200 CDI BLUE EFFICIENCY	2010-ON					S58090AGM
MERCEDES	C220 CDI BLUE EFFICIENCY	2011-ON					S59590AGM
MERCEDES	C230 / C240 PETROL	1996-2000		S57220		S57450EFB	S57090AGM
MERCEDES	C230 / C230K / C240 PETROL	2001-2010		S60038			S59590AGM
MERCEDES	C250D / C270 CDI DIESEL	1993-2005		S60038			S59590AGM
MERCEDES	C250 CDI / C250 CGI / C250 BLUE EFFICIENCY	2009-ON					S59590AGM
MERCEDES	C280 2.8 L PETROL	1994-2001		S57220		S57450EFB	S57090AGM
MERCEDES	C280 3.0 L / C320 / C350 PETROL / C320 CDI	2001-2010		S60038			S59590AGM
MERCEDES	C350 CDI / C350 BLUE EFFICIENCY	2009-ON					S59590AGM
MERCEDES	C32 AMG / C55 AMG	2001-2008		S60038			S59590AGM
MERCEDES	CL500 CL55AMG CL600	1998-ON	58515WC	S58515	S60038		S59590AGM

MAKE	MODEL	YEAR	ACDELCO LMA	ACDELCO SMF	ACDELCO SMF HEAVY DUTY	ACDELCO EFB	ACDELCO AGM
MERCEDES	CL55 AMG / AMG KOMPRESSOR / CL63 AMG	1999-ON		S60038			S59590AGM
MERCEDES	CL65 AMG / CL400 / CL600	1999-ON		S60038			S59590AGM
MERCEDES	CLC200 KOMPRESSOR	2008-ON		S57220		S57450EFB	S57090AGM
MERCEDES	CLK200	1998-1999	55457WC	S56220			
MERCEDES	CLK200 / CLK230 KOMPRESSOR	2000-2006		S60038			S59590AGM
MERCEDES	CLK240	2002-2005		S60038			S59590AGM
MERCEDES	CLK280 / CLK320 / CLK350 / CLK430 / CLK500	1998-ON	56318WC	S56318			
MERCEDES	CLK55 AMG	1999-2006		S60038			S59590AGM
MERCEDES	CLK63 AMG	2006-ON		S60038			S59590AGM
MERCEDES	CLS 350	2009-ON		S60038			S59590AGM
MERCEDES	E CLASS W124 MODELS PETROL	1984-1996		S57220		S57450EFB	S57090AGM
MERCEDES	E CLASS W210 & S210 MODELS PETROL	1996-2002		S60038			S59590AGM
MERCEDES	E CLASS W211 & S211 MODELS PETROL	2002-2009					S59590AGM
MERCEDES	E CLASS W212 & S212 MODELS PETROL	2009-ON					S59590AGM
MERCEDES	E200K / E240 / E270 / E320 / E55 AMG	2001-2009		S60038			S59590AGM
MERCEDES	E220 E240 E320 (UNDER SEAT)	1997-1998	56318WC	S56318			
MERCEDES	E220 E280	1998-ON	55457WC	S56220			
MERCEDES	E220 CDI / E250 CDI DIESEL (W212)	2010-ON					S58090AGM
MERCEDES	E320 AVANTGARDE	2002-ON		S57220		S57450EFB	S57090AGM
MERCEDES	E250 / E350	2009-ON		S57220		S57450EFB	S57090AGM
MERCEDES	E500 / AVANTGARDE / ELEGANCE	1998-ON		S60038			S59590AGM
MERCEDES	E55 AMG	2004		S60038			S59590AGM
MERCEDES	E63 AMG	2013?					S59590AGM
MERCEDES	ML270CDI/270/320/350/500 LUXURY	2001-ON		S60038			S59590AGM
MERCEDES	S430 S500L S600L	2001-ON		S60038			S59590AGM
MERCEDES	S500L S600L	1998-2000		S60038			S59590AGM
MERCEDES	SL280	1995-1999		S60038			S59590AGM
MERCEDES	SL350	2005		S57220		S57450EFB	S57090AGM
MERCEDES	SL500	1993-1998	56318WC	S56318			
MERCEDES	SL500	1998-2008		S60038			S59590AGM
MERCEDES	SL600	1998-2008		S60038			S59590AGM
MERCEDES	SLK200	1997-2000	56318WC	S56318			
MERCEDES	SLK200 KOMPRESSOR	2000-2004	56638WC	S56838	S57220	S57450EFB	S57090AGM
MERCEDES	SLK200K / SLK230	2000-ON		S60038			S59590AGM
MERCEDES	SLK230 SUPERCHARGED	1998-ON	56318WC	S56318			
MERCEDES	SLK320 / SLK 320 AMG	2000-ON		S60038			S59590AGM
MERCEDES	SLK350	2009-ON	56638WC	S56838	S57220	S57450EFB	S57090AGM
MERCEDES	SMART	2009-ON		S55066			S55090AGM
MERCEDES	SPRINTER	1998-ON	56318WC	S56318			
MERCEDES	SPRINTER CDI	2000-ON		S60038			S59590AGM
MERCEDES	TE	1974-1995	56318WC	S56318			
MERCEDES	VIANO	2003-ON	56638WC	S56838	S57220	S57450EFB	S57090AGM
MERCEDES	VITO VAN 108 CDI DIESEL	1999-ON	58515WC	S58515	S60038		S59590AGM
MERCEDES	VITO VAN 112 CDI DIESEL	2001-ON	56318WC	S56318			
<b>MG</b>							
MG	1300 MK III	1971-1973		22NF330D			
MG	MAGNETTE	1954-1968	22FR66WC	22FR520SMF	22FR600SMF 22FR680SMF		

MAKE	MODEL	YEAR	ACDELCO LMA	ACDELCO SMF	ACDELCO SMF HEAVY DUTY	ACDELCO EFB	ACDELCO AGM
MG	MGF	1998-ON	55457WC	S56220			
MG	MIDGET	1968-1973		22NF330D			
MG	TF	2002-ON	55457WC	S56220			
MG	ZR	2001-2005	55457WC	S56220			
MG	ZT	2001	56318WC	S56318			
MG	ZT 230	2003-ON	55457WC	S56220			
<b>MINI</b>							
MINI	MOST MODELS	2004-ON	55457WC	S56220			
MINI	COOPER (IN HOOD)	2001	56318WC	S56318			
MINI	COOPER S R50	2002-2007		S56030			S56090AGM
MINI	MINI	2007-ON	56638WC	S56838	S57220	S57450EFB	S57090AGM
<b>MITSUBISHI</b>							
MITSUBISHI	ASX PETROL	2010	55D23LWC	S55D23L	S70D23L	SQ85D23LEFB	
MITSUBISHI	ASX DIESEL	2010-ON	NX1207LWC	S95D31LHD		ST110D31LEFB	
MITSUBISHI	380	2005-ON		S70D23R			
MITSUBISHI	VRX	2005-ON		S70D23R			
MITSUBISHI	CENTURA 4CYL & 6CYL	1975-1979	22FR66WC	22FR520SMF	22FR600SMF 22FR680SMF		
MITSUBISHI	CHALLENGER / 4 X 4	1999-ON	NX1105WC	S80D26R			
MITSUBISHI	CHALLENGER LS	2001-2004	22FR66WC	22FR520SMF	22FR600SMF 22FR680SMF		
MITSUBISHI	CHALLENGER PA	1998-ON	NX1105WC	S80D26R			
MITSUBISHI	COLT ALL MODELS RA / RE	1981-1991	NS40ZSWC	S42B19RS			
MITSUBISHI	COLT / COLT CONCEPT / MIVEC / RALLIART	1991-2007	55D23LWC	S55D23L	S70D23L	SQ85D23LEFB	
MITSUBISHI	COLT	2008-ON	NS40ZLSWC	S42B19LS			
MITSUBISHI	CORDIA	1983-1989	NS40ZLSWC	S42B19LS			
MITSUBISHI	DELICA	1986-1999	NX1207WC	S95D31RHD		ST110D31REFB	
MITSUBISHI	ECLIPSE	1990-1995	NS40ZLWC	S42B19L		SM42B20LEFB	S34B20LAGM
MITSUBISHI	EXPRESS DIESEL	1979-1987	NX1207WC	S95D31RHD		ST110D31REFB	
MITSUBISHI	EXPRESS PETROL	1979-2002	NS40ZLSWC	S42B19LS			
MITSUBISHI	EXPRESS PETROL	2003-ON		S55B24RS			
MITSUBISHI	FTO	1994-2000	55D23RWC	S55D23R	S70D23R		
MITSUBISHI	GALANT	1971-1993		22NF330D			
MITSUBISHI	GALANT 4CYL	1995	NS40ZLSWC	S42B19LS			
MITSUBISHI	GALANT GSR 24 VALVE	1994-ON	55D23RWC	S55D23R	S70D23R		
MITSUBISHI	GALANT (GREY IMPORT)	1990-1995	NS40ZWC	S42B19R		SM42B20REFB	S34B20RAGM
MITSUBISHI	GRANDIS V6	2006-ON	55D23RWC	S55D23R	S70D23R		
MITSUBISHI	L200 / L300 DIESEL	1982-1986	55D23RWC	S55D23R	S70D23R		
MITSUBISHI	L200 / L300 PETROL	1993-1998	NS40ZLWC	S42B19L		SM42B20LEFB	S34B20LAGM
MITSUBISHI	L300 DIESEL	2000-2007	NX1207WC	S95D31RHD		ST110D31REFB	
MITSUBISHI	LANCER	1971-1988		22NF330D			
MITSUBISHI	LANCER - SOME MODELS USE S42B19L JIS POST	1989-1992	NS40ZSWC	S42B19RS			
MITSUBISHI	LANCER GSR	1992-1996	22FR66WC	22FR520SMF	22FR600SMF 22FR680SMF		
MITSUBISHI	LANCER	1993-2004	NS40ZLSWC	S42B19LS			
MITSUBISHI	LANCER / EVO VIII	2004-2005	NS40ZLWC	S42B19L		SM42B20LEFB	S34B20LAGM
MITSUBISHI	LANCER / EVO	2005-ON	55D23LWC	S55D23L	S70D23L	SQ85D23LEFB	
MITSUBISHI	MAGNA	1985-2000	22FR66WC	22FR520SMF	22FR600SMF 22FR680SMF		

MAKE	MODEL	YEAR	ACDELCO LMA	ACDELCO SMF	ACDELCO SMF HEAVY DUTY	ACDELCO EFB	ACDELCO AGM
MITSUBISHI	MAGNA SOLARA	1998-ON	55D23RWC	S55D23R	S70D23R		
MITSUBISHI	MAGNA	2000-2006	22FR66WC	22FR520SMF	22FR600SMF 22FR680SMF		
MITSUBISHI	MAGNA VRX	2000-2004	22FR66WC	22FR520SMF	22FR600SMF 22FR680SMF		
MITSUBISHI	MIRAGE	1996-2005	NS40ZLSWC	S42B19LS			
MITSUBISHI	MIRAGE 3CYL.	2013-ON	55D23LWC	S55D23L	S70D23L	SQ85D23LEFB	
MITSUBISHI	NIMBUS UA / UB / UC	1984-1991	NS40ZLSWC	S42B19LS			
MITSUBISHI	NIMBUS UF	1992-1998		22NF330D			
MITSUBISHI	NIMBUS UG	1998-2004		S55B24LS			
MITSUBISHI	OUTLANDER 4X4	2003-ON	55D23LWC	S55D23L	S70D23L	SQ85D23LEFB	
MITSUBISHI	PAJERO SAFARI	1997	NS40ZLWC	S42B19L		SM42B20LEFB	S34B20LAGM
MITSUBISHI	PAJERO DIESEL	1983-2002	NX1207WC	S95D31RHD		ST110D31REFB	
MITSUBISHI	PAJERO PETROL 4CYL	1999-ON	55D23LWC	S55D23L	S70D23L	SQ85D23LEFB	
MITSUBISHI	PAJERO PETROL V6	1983-1999	NX1105WC	S80D26R			
MITSUBISHI	PAJERO PETROL V6	2000-2007	55D23LWC	S55D23L	S70D23L	SQ85D23LEFB	
MITSUBISHI	PAJERO PETROL V6 3800	2008-ON	55D23RWC	S55D23R	S70D23R		
MITSUBISHI	PAJERO IO 1.6L 3 DOOR / 1.8L 5 DOOR	1999-2000		S70D23L		SQ85D23LEFB	
MITSUBISHI	PAJERO DIESEL	2003-ON	NX1207LWC	S95D31LHD		ST110D31LEFB	
MITSUBISHI	PAJERO EXCEED DIESEL 3.2L	2003-2008	NX1207LWC	S95D31LHD		ST110D31LEFB	
MITSUBISHI	ROSA BUS	2000-2005	55D23RWC	S55D23R	S70D23R		
MITSUBISHI	SCORPION	1978-1980		22NF330D			
MITSUBISHI	SIGMA 1600 / 1850	1977-1987	22FR66WC	22FR520SMF	22FR600SMF 22FR680SMF		
MITSUBISHI	SIGMA 2000 / 2600	1977-1987	22FR66WC	22FR520SMF	22FR600SMF 22FR680SMF		
MITSUBISHI	STARION	1982-1987	22FR66WC	22FR520SMF	22FR600SMF 22FR680SMF		
MITSUBISHI	STARWAGON 2.0L / 2.4L	1985-1995	NS40ZLWC	S42B19L		SM42B20LEFB	S34B20LAGM
MITSUBISHI	STARWAGON 3.0L	1995-ON	NX1105WC	S80D26R			
MITSUBISHI	STARWAGON 2.0L / 2.4L	2003-ON		S55B24R			S46B24RAGM
MITSUBISHI	TRITON CAB UTILITY	1987-1992	NX1105WC	S80D26R			
MITSUBISHI	TRITON CAB UTILITY	1993-ON	55D23RWC	S55D23R	S70D23R		
MITSUBISHI	TRITON DIESEL 2.8L	1996-2005	NX1207WC	S95D31RHD		ST110D31REFB	
MITSUBISHI	TRITON V6 3.0 / GL 3.0 / 2.4L	1996-ON	NX1105WC	S80D26R			
MITSUBISHI	TRITON CAB UTILITY PETROL	2006-ON	55D23LWC	S55D23L	S70D23L	SQ85D23LEFB	
MITSUBISHI	TRITON DIESEL	2006-09	NX1207WC	S95D31RHD		ST110D31REFB	
MITSUBISHI	TRITON DIESEL 2.5L	2010-ON	NX1207LWC	S95D31LHD		ST110D31LEFB	
MITSUBISHI	VERADA	2003-ON	55D23RWC	S55D23R	S70D23R		
MITSUBISHI	VERADA V6	1990-ON	22FR66WC	22FR520SMF	22FR600SMF 22FR680SMF		
MITSUBISHI	VRX	2000-2003	22FR66WC	22FR520SMF	22FR600SMF 22FR680SMF		
<b>NIKI</b>							
NIKI	ALL MODELS	1989-1994	55457WC	S56220			
<b>NISSAN</b>							
NISSAN	120Y / 1200	1967-1981		22NF330D			
NISSAN	1600 / 180B / 200B	1967-1981	22FR66WC	22FR520SMF	22FR600SMF 22FR680SMF		
NISSAN	180SX	1988-1997		S55B24L			
NISSAN	180SX (MODIFIED FOR INTERCOOLER)	1988-1997	NS40ZLWC	S42B19L		SM42B20LEFB	S34B20LAGM

MAKE	MODEL	YEAR	ACDELCO LMA	ACDELCO SMF	ACDELCO SMF HEAVY DUTY	ACDELCO EFB	ACDELCO AGM
NISSAN	200SX S14	1994-1999	NX1105WC	S80D26R			
NISSAN	200SX S14 / S15 (GREY IMPORT/ INTERCOOLER MODEL)	1994-2003	NS40ZLWC	S42B19L		SM42B20LEFB	S34B20LAGM
NISSAN	200SX S14	1995-1998	22FR66WC	22FR520SMF	22FR600SMF 22FR680SMF		
NISSAN	200SX S15	2000-2002		S55B24R			S46B24RAGM
NISSAN	240 / 260 / 280 / 300C / 240Z / 260Z / 280Z	1967-1983	22FR66WC	22FR520SMF	22FR600SMF 22FR680SMF		
NISSAN	300ZX FAIRLADY	1984-2000	NX1105LWC	S80D26L		SS95D26LEFB	
NISSAN	350Z FAIRLADY	2002-2008	55D23LWC	S55D23L	S70D23L	SQ85D23LEFB	
NISSAN	370Z & 370Z ROADSTER	2008-13-ON	55D23LWC	S55D23L	S70D23L	SQ85D23LEFB	
NISSAN	720 DIESEL	1980-1985	NX1207WC	S95D31RHD		ST110D31REFB	
NISSAN	720 PETROL	1980-1985	22FR66WC	22FR520SMF	22FR600SMF 22FR680SMF		
NISSAN	ALMERA 1.5L	2013-ON		S55B24L			
NISSAN	BLUEBIRD / STANZA	1981-1986	22FR66WC	22FR520SMF	22FR600SMF 22FR680SMF		
NISSAN	BLUEBIRD SSS	1994-ON	55D23LWC	S55D23L	S70D23L	SQ85D23LEFB	
NISSAN	BLUEBIRD V6 SGX TURBO	1986-ON	NX1105WC	S80D26R			
NISSAN	DUALIS 4X4 PETROL 4CYL	2007-13-ON		S56030			S56090AGM
NISSAN	DUALIS 4X4 DIESEL 4CYL	2014-ON				S57450EFB	
NISSAN	E20 VAN	1974-1980	NX1105WC	S80D26R			
NISSAN	EXA	1983-ON	22F66WC	22F520SMF	22F600SMF 22F680SMF		
NISSAN	EXA TURBO	1983-ON	NS40ZLSWC	S42B19LS			
NISSAN	FAIRLADY 2000 / Z3000 / ZX3000	1989-2000	22F66WC	22F520SMF	22F600SMF 22F680SMF		
NISSAN	FAIRLADY Z2800	1978-1983	NX1105WC	S80D26R			
NISSAN	GAZELLE	1984-1988	NS40ZLSWC	S42B19LS			
NISSAN	GT-R R32 SKYLINE	1991-1994	NS40ZLWC	S42B19L		SM42B20LEFB	S34B20LAGM
NISSAN	GT-R R33 SKYLINE	1994-1998		S55B24R			S46B24RAGM
NISSAN	GT-R R34 SKYLINE	1998-2004		S55B24R			S46B24RAGM
NISSAN	GT-R R35	2007-ON		S55B24R			S46B24RAGM
NISSAN	INFINITI	1992-1997	55D23LWC	S55D23L	S70D23L	SQ85D23LEFB	
NISSAN	JUKE 1.6L (REQUIRES EFB OR AGM BATTERY)	2013-ON					S56090AGM
NISSAN	MAXIMA	1990-1995	22F66WC	22F520SMF	22F600SMF 22F680SMF		
NISSAN	MAXIMA TI	1995-1999	NX1105LWC	S80D26L		SS95D26LEFB	
NISSAN	MAXIMA ST A33 V6 / TOURING 30S	1996-2013	55D23LWC	S55D23L	S70D23L	SQ85D23LEFB	
NISSAN	MICRA	1995-1996	NS40ZLWC	S42B19L		SM42B20LEFB	S34B20LAGM
NISSAN	MICRA	1996-ON		S55B24LS			
NISSAN	MURANO	2005-ON	55D23LWC	S55D23L	S70D23L	SQ85D23LEFB	
NISSAN	MURANO (EUROPEAN BUILD)	2006 ONLY		S58014			
NISSAN	MURANO	2013-ON		S70D23L		SQ85D23LEFB	
NISSAN	NAVARA PETROL 4CYL & V6	1986-2005	55D23RWC	S55D23R	S70D23R		
NISSAN	NAVARA DIESEL D21 & D22	1985-2005	NX1207WC	S95D31RHD		ST110D31REFB	
NISSAN	NAVARA DIESEL D22 ST-R (EUROPE OR STH AFRICA BUILD)	2009-ON		S57220		S57450EFB	S57090AGM
NISSAN	NAVARA DIESEL D22 (THAILAND BUILD)	MY2008	NX1207WC	S95D31RHD		ST110D31REFB	
NISSAN	NAVARA D22 DX DIESEL (SINGLE BATTERY, THAI BUILD)	2009-13-ON	NX1207LWC	S95D31LHD		ST110D31LEFB	

MAKE	MODEL	YEAR	ACDELCO LMA	ACDELCO SMF	ACDELCO SMF HEAVY DUTY	ACDELCO EFB	ACDELCO AGM
NISSAN	NAVARA D22 DX DIESEL (TWIN BATTERY MODEL)	2009-ON	55D23LWC X 1 55D23RWC X 1	S55D23L X 1 S55D23R X 1	S70D23L X 1 S70D23R X 1		
NISSAN	NAVARA D40 DIESEL RX (THAILAND BUILD)	2010-ON	NX1207LWC	S95D31LHD		ST110D31LEFB	
NISSAN	NAVARA D40 DIESEL & V6 PETROL ST-X (SPAIN BUILD)	2006-2011		S57220		S57450EFB	S57090AGM
NISSAN	NAVARA D40 DIESEL ST-X 3.0L V6	2011-ON		S60038			S59590AGM
NISSAN	NAVARA D40 DIESEL ST 2.5L 4CYL	2011-ON		S57220		S57450EFB	S57090AGM
NISSAN	NOMAD	1987-1993	NS40ZLSWC	S42B19LS			
NISSAN	NX COUPE	1991-1996	NS40ZLWC	S42B19L		SM42B20LEFB	S34B20LAGM
NISSAN	PATHFINDER DIESEL	2005-2010		S57220		S57450EFB	S57090AGM
NISSAN	PATHFINDER DIESEL TI 550 (R51 SPAIN-BUILD)	2011-2012		S60038			S59590AGM
NISSAN	PATHFINDER PETROL	1986-2005	55D23RWC	S55D23R	S70D23R		
NISSAN	PATHFINDER PETROL V6 (R51 SPAIN-BUILD)	2005-2013	56638WC	S56838	S57220	S57450EFB	S57090AGM
NISSAN	PATHFINDER PETROL V6 (US-BUILD)	2014-ON	22F66WC	22F520SMF	22F600SMF 22F680SMF		
NISSAN	PATROL DIESEL MQ	1982-1987	NX1207WC	S95D31RHD		ST110D31REFB	
NISSAN	PATROL PETROL MQ	1982-1987	NX1207WC	S95D31RHD		ST110D31REFB	
NISSAN	PATROL DIESEL GQ / GU	1988-2013	NX1207LWC	S95D31LHD		ST110D31LEFB	
NISSAN	PATROL PETROL 4.2 & 4.8L GQ / GU	1988-2013	NX1207LWC	S95D31LHD		ST110D31LEFB	
NISSAN	PATROL Y61 DIESEL 3.0L	1997-13-ON	NX1207LWC	S95D31LHD		ST110D31LEFB	
NISSAN	PATROL Y62 PETROL V8 5.6L	2013-ON	NX1207WC	S95D31RHD		ST110D31REFB	
NISSAN	PATROL ST V6	2003-ON	55D23RWC	S55D23R	S70D23R		
NISSAN	PINTARA	1986-1989	22FR66WC	22FR520SMF	22FR600SMF 22FR680SMF		
NISSAN	PRAIRIE	1983-1985	22FR66WC	22FR520SMF	22FR600SMF 22FR680SMF		
NISSAN	PULSAR	1981-1994	NS40ZLSWC	S42B19LS			
NISSAN	PULSAR HATCHBACK	2002-2006	55457WC	S56220			
NISSAN	PULSAR N15	1995-2000	NS40ZLWC	S42B19L		SM42B20LEFB	S34B20LAGM
NISSAN	PULSAR N16	2000-ON	NS40ZLWC	S42B19L		SM42B20LEFB	S34B20LAGM
NISSAN	PULSAR N16 EURO	2000-ON	55457WC	S56220			
NISSAN	PULSAR SSS 5DOOR	1998-ON	55D23LWC	S55D23L	S70D23L	SQ85D23LEFB	
NISSAN	PULSAR / PULSAR SSS TURBO	2013-ON	55D23LWC	S55D23L	S70D23L	SQ85D23LEFB	
NISSAN	SERENA	1992-1994	22FR66WC	22FR520SMF	22FR600SMF 22FR680SMF		
NISSAN	SERENA WAGON	1993-ON	NX1105WC	S80D26R			
NISSAN	SILVIA S13 IMPORT	1988-1994	NS40ZLWC	S42B19L		SM42B20LEFB	S34B20LAGM
NISSAN	SKYLINE	1978-1990	22FR66WC	22FR520SMF	22FR600SMF 22FR680SMF		
NISSAN	SKYLINE R32	1990-1993	NS40ZLWC	S42B19L		SM42B20LEFB	S34B20LAGM
NISSAN	SKYLINE R33	1993-1998		S55B24R			S46B24RAGM
NISSAN	SKYLINE R34 / GTT / GTS /GTR IMPORT	1999-2007	NS40ZLWC	S42B19L		SM42B20LEFB	S34B20LAGM
NISSAN	SKYLINE R35 GTR	2008-ON		S55B24L			
NISSAN	STANZA	1978-1984	22FR66WC	22FR520SMF	22FR600SMF 22FR680SMF		
NISSAN	SUNNY	1978-1987		22NF330D			
NISSAN	SX V6 3L	1994-ON	55D23LWC	S55D23L	S70D23L	SQ85D23LEFB	
NISSAN	SYLVIA 2.0GL	1978-1986		22NF330D			
NISSAN	TERRANO II DIESEL	1996-ON	NX1207WC	S95D31RHD		ST110D31REFB	
NISSAN	TERRANO II PETROL	1996-ON	55D23RWC	S55D23R	S70D23R		



MAKE	MODEL	YEAR	ACDELCO LMA	ACDELCO SMF	ACDELCO SMF HEAVY DUTY	ACDELCO EFB	ACDELCO AGM
NISSAN	TIIDA	2006-2013		S55B24L			
NISSAN	URVAN DIESEL	1981-ON	NX1207LWC	S95D31LHD		ST110D31LEFB	
NISSAN	URVAN PETROL	1974-ON	22FR66WC	22FR520SMF	22FR600SMF 22FR680SMF		
NISSAN	VANETTE	1981-1983	NS40ZLSWC	S42B19LS			
NISSAN	VECTOR	1988-1993	NS40ZLSWC	S42B19LS			
NISSAN	VECTOR	1986-1988	22FR66WC	22FR520SMF	22FR600SMF 22FR680SMF		
NISSAN	W40 CIVILIAN BUS	1985-ON	NX1105WC	S80D26R			
NISSAN	X-TRAIL PETROL (TX30)	2001-2007	55D23LWC	S55D23L	S70D23L	SQ85D23LEFB	
NISSAN	X-TRAIL ST-X / XT-X PETROL (TX31)	2008-2013	55D23LWC	S55D23L	S70D23L	SQ85D23LEFB	
NISSAN	X-TRAIL DCI DIESEL (TX31)	2008-2013	NX1105LWC	S80D26L		SS95D26LEFB	
NISSAN	X-TRAIL PETROL (T32)	2014-ON		S70D23L		SQ85D23LEFB	
<b>OPEL</b>							
OPEL	ASTRA	2012-ON	56318WC	S56318			
OPEL	CORSA	2012-ON	55457WC	S56220			
<b>PEUGEOT</b>							
PEUGEOT	106.	1992-1998		S55066			S55090AGM
PEUGEOT	205/206	1987-2001	55457WC	S56220			
PEUGEOT	206 / 206CC PETROL & DIESEL	2001-ON	55457WC	S56220			
PEUGEOT	207	2006-ON	55457WC	S56220			
PEUGEOT	306	1996-1997		S55066			S55090AGM
PEUGEOT	306 ALL MODELS	1998-2000	55457WC	S56220			
PEUGEOT	307 ALL MODELS	1997-ON		S56030			S56090AGM
PEUGEOT	308 PETROL / 308CC	2008-ON	56638WC	S56838	S57220	S57450EFB	S57090AGM
PEUGEOT	3008 PETROL 1.6L	2011-ON		S56840			
PEUGEOT	405	1989-1995	22FR66WC	22FR520SMF	22FR600SMF 22FR680SMF		
PEUGEOT	405	1995-1996	55457WC	S56220			
PEUGEOT	405	1996-ON		S55066			S55090AGM
PEUGEOT	406 PETROL	1996-ON	55457WC	S56220			
PEUGEOT	406 DIESEL	1996-ON		S57220		S57450EFB	S57090AGM
PEUGEOT	407	2005-ON	55457WC	S56220			
PEUGEOT	407 DIESEL	2008-2009		S57220		S57450EFB	S57090AGM
PEUGEOT	407 DIESEL	2010-ON	NX1207WC	S95D31RHD		ST110D31REFB	
PEUGEOT	407 HDI V6	2005-ON	56638WC	S56838	S57220	S57450EFB	S57090AGM
PEUGEOT	4007 DIESEL 2.2L	2007-ON		S57220		S57450EFB	S57090AGM
PEUGEOT	504 / 505 PETROL	1975-1976	22FR66WC	22FR520SMF	22FR600SMF 22FR680SMF		
PEUGEOT	504 GLD / 505 DIESEL TURBO	1979-1989	NX1207WC	S95D31RHD		ST110D31REFB	
PEUGEOT	604/605 GL	1978-ON	22FR66WC	22FR520SMF	22FR600SMF 22FR680SMF		
PEUGEOT	607.	2001-ON	56318WC	S56318			
PEUGEOT	EXPERT VAN DIESEL	2007-ON	56318WC	S56318			
PEUGEOT	PARTNER	2008-ON	56318WC	S56318			
PEUGEOT	SIGNATURE RANGE	1995-1996	55457WC	S56220			
<b>PORSCHE</b>							
PORSCHE	924	1977-ON	55457WC	S56220			
PORSCHE	968	1992-1995	55457WC	S56220			
PORSCHE	911 GT2 GT3	1989-ON	58515WC	S58515	S60038		S59590AGM

MAKE	MODEL	YEAR	ACDELCO LMA	ACDELCO SMF	ACDELCO SMF HEAVY DUTY	ACDELCO EFB	ACDELCO AGM
PORSCHE	911 MOST EARLY MODELS	1969-ON	56318WC	S56318			
PORSCHE	911E	1969-1994		S54516 X 2			
PORSCHE	928 928C 928S	1978-ON	58515WC	S58515	S60038		S59590AGM
PORSCHE	928 S4	1987-ON	56318WC	S56318			
PORSCHE	944	1982-1991	56318WC	S56318			
PORSCHE	944S	1983-1992	55457WC	S56220			
PORSCHE	BOXSTER	1997-ON	56318WC	S56318			
PORSCHE	BOXSTER 986	1997-2000		S58014			
PORSCHE	CARRERA GT	2004-2006	58515WC	S58515	S60038		S59590AGM
PORSCHE	CAYENNE	2003-ON	58515WC	S58515	S60038		S59590AGM
PORSCHE	PANAMERA	2007-ON		S58014			
<b>PROTON</b>							
PROTON	GEN 2	2004-2014	55458WC	S55458			
PROTON	S16	2011-ON		S55B24RS			
PROTON	JUMBUCK MK.1	2003-2007	55D23RWC	S55D23R	S70D23R		
PROTON	JUMBUCK	2007-2009		S55B24RS			
PROTON	JUMBUCK MK.11	2010-ON	55D23LWC	S55D23L	S70D23L	SQ85D23LEFB	
PROTON	PERSONA	1996-2005	22FR66WC	22FR520SMF	22FR600SMF 22FR680SMF		
PROTON	PERSONA GEN 2	2007-2014	55458WC	S55458			
PROTON	SAGA	1987-ON	NS40ZSWC	S42B19RS			
PROTON	SATRIA	1996-2006	22FR66WC	22FR520SMF	22FR600SMF 22FR680SMF		
PROTON	SATRIA NEO	2006-ON	55D23RWC	S55D23R	S70D23R		
PROTON	SAVY	2006-2012		S55B24LS			
PROTON	WAJA	2000-2011	55D23LWC	S55D23L	S70D23L	SQ85D23LEFB	
PROTON	WIRA	1993-1996	22FR66WC	22FR520SMF	22FR600SMF 22FR680SMF		
<b>RANGE ROVER</b>							
RANGE ROVER	RANGE ROVER PETROL	1974-1983	NX1207WC	S95D31RHD		ST110D31REFB	
RANGE ROVER	RANGE ROVER PETROL	1984-1995	NX1105WC	S80D26R			
RANGE ROVER	RANGE ROVER DIESEL	1990-1993	NX1207WC	S95D31RHD		ST110D31REFB	
RANGE ROVER	RANGE ROVER DIESEL	1996-1998	NX1105WC	S80D26R			
RANGE ROVER	RANGE ROVER 4.0L/4.6L	1996-ON		S31-901MF			
RANGE ROVER	RANGE ROVER 75 SERIES	2000-2003	56318WC	S56318			
RANGE ROVER	RANGE ROVER HSE	2003-ON		S60038			S59590AGM
RANGE ROVER	RANGE ROVER DIESEL	2007-ON	58515WC	S58515	S60038		S59590AGM
RANGE ROVER	RANGE ROVER SPORT	2011-ON		S60038			S59590AGM
RANGE ROVER	RANGE ROVER VOGUE	2011-ON	58515WC	S58515	S60038		S59590AGM
<b>RENAULT</b>							
RENAULT	14	1977-1980		22NF330D			
RENAULT	16 / TL / TS	1968-1977		22NF330D			
RENAULT	17 / TL / TS	1973-1980		22NF330D			
RENAULT	19	1996-ON		S55066			S55090AGM
RENAULT	19	1982-1994	55457WC	S56220			
RENAULT	20TS	1979-1984	22F66WC	22F520SMF	22F600SMF 22F680SMF		
RENAULT	25GTV	1985-1991	55457WC	S56220			
RENAULT	ALPINE	1986-1991	55457WC	S56220			

MAKE	MODEL	YEAR	ACDELCO LMA	ACDELCO SMF	ACDELCO SMF HEAVY DUTY	ACDELCO EFB	ACDELCO AGM
RENAULT	CLIO / LAGUNA / MEGANE / SCENIC RX4	2001-ON	55457WC	S56220			
RENAULT	CLIO II	1998-2006		S55066			S55090AGM
RENAULT	CLIO III	2006-ON	55457WC	S56220			
RENAULT	CLIO PETROL 3CYL 0.9L	2013-ON	56638WC	S56838	S57220	S57450EFB	S57090AGM
RENAULT	FUEGO GTX	1982-1987	22FR66WC	22FR520SMF	22FR600SMF 22FR680SMF		
RENAULT	GRAND VOYAGER LIMITED LWB/RG	1968-83		22NF330D			
RENAULT	KANGOO / TRAFIC	1994-ON	56318WC	S56318			
RENAULT	KOLEOS DIESEL 2.0L	2005-ON	NX1105LWC	S80D26L		SS95D26LEFB	
RENAULT	KOLEOS PETROL 2.5L	2005-ON	55D23LWC	S55D23L	S70D23L	SQ85D23LEFB	
RENAULT	LAGUNA 2.2 DCI DIESEL / LAGUNA II V6	2005-ON	56318WC	S56318			
RENAULT	LAGUNA / LAGUNA II V6	1994-2004	56318WC	S56318			
RENAULT	LAGUNA III DIESEL	2005-ON		S59096			S58090AGM
RENAULT	LAGUNA III PETROL	2005-ON	56638WC	S56838	S57220	S57450EFB	S57090AGM
RENAULT	LAGUNA / ESTATE	2001-ON	55457WC	S56220			
RENAULT	LATITUDE PETROL V6	2011-ON	58515WC	S58515	S60038		S59590AGM
RENAULT	MEGANE COUPE / MANUAL	2005-ON		S55066			S55090AGM
RENAULT	MEGANE 11 AUTO	2005-ON	56318WC	S56318			
RENAULT	MEGANE CABRIO / SPORT	2001-2010	55457WC	S56220			
RENAULT	MEGANE CABRIO	2011-ON	56318WC	S56318			
RENAULT	MEGANE RS250 / RS265 PETROL 2.0L	2008-13-ON	56638WC	S56838	S57220	S57450EFB	S57090AGM
RENAULT	MEGANE DIESEL 1.5L	2008-ON		S57220		S57450EFB	S57090AGM
RENAULT	MASTER VAN	2005-ON	58515WC	S58515	S60038		S59590AGM
RENAULT	R21	1986-1994	22F66WC	22F520SMF	22F600SMF 22F680SMF		
RENAULT	R25	1986-1992	55457WC	S56220			
RENAULT	R25 GTX	1982-1987	22F66WC	22F520SMF	22F600SMF 22F680SMF		
RENAULT	SCENIC 1	1998-ON	55457WC	S56220			
RENAULT	SCENIC II AUTO	2005-ON	56318WC	S56318			
RENAULT	SCENIC II MANUAL	2005-ON		S55066			S55090AGM
<b>ROLLS ROYCE</b>							
ROLLS ROYCE	MOST MODELS	1955-1986	NX1207WC	S95D31RHD		ST110D31REFB	
ROLLS ROYCE	MOST MODELS	1986-2003	NX1105WC	S80D26R			
ROLLS ROYCE	GHOST SERIES II	2010-ON					S59590AGM
ROLLS ROYCE	PHANTOM (HAS AUXILIARY BATTERY)	2003-ON					S57090AGM (AUX) S59590AGM
ROLLS ROYCE	WRAITH	2013-ON					S59590AGM
<b>ROVER</b>							
ROVER	75	1999-2005	56318WC	S56318			
ROVER	200	1997-ON		S55066			S55090AGM
ROVER	400	1995-ON	58515WC	S58515	S60038		S59590AGM
ROVER	825	1988-1992		22NF330D			
ROVER	827	1988-1991		22NF330D			
ROVER	110 / 90	1984-1998	22F66WC	22F520SMF	22F600SMF 22F680SMF		
ROVER	114 SL	1990-1991		S55066			S55090AGM
ROVER	200 SLI / 214 SLI / 216 SLI	1990-1994		S55066			S55090AGM
ROVER	216 SERIES	1990-1998		S55066			S55090AGM

MAKE	MODEL	YEAR	ACDELCO LMA	ACDELCO SMF	ACDELCO SMF HEAVY DUTY	ACDELCO EFB	ACDELCO AGM
ROVER	2600 / 3500	1977-1986	56318WC	S56318			
ROVER	416I	1986-1987		22NF330D			
ROVER	416I	1987-1989	22FR66WC	22FR520SMF	22FR600SMF 22FR680SMF		
ROVER	418 GSD / 420 GSD	1993-ON		S55066			S55090AGM
ROVER	600 / 620 SLI	1996-ON	58515WC	S58515	S60038		S59590AGM
ROVER	820 SL / 820 SE	1988-1992	55457WC	S56220			
ROVER	CABRIOLET	1993-1997	55457WC	S56220			
ROVER	QUINTET	1983-1986		22NF330D			
<b>SAAB</b>							
SAAB	ALL EARLY MODELS	1984-1992	22FR66WC	22FR520SMF	22FR600SMF 22FR680SMF		
SAAB	9-3 ALL MODELS	1993-2002	55457WC	S56220			
SAAB	9-3 ALL MODELS	2003-ON	56638WC	S56838	S57220	S57450EFB	S57090AGM
SAAB	9-5 ALL MODELS	1998-2009	56318WC	S56318			
<b>SEAT</b>							
SEAT	CORDOBA	1993-2002	56318WC	S56318			
SEAT	CORDOBA DIESEL	1994-ON	55457WC	S56220			
SEAT	CORDOBA PETROL	1994-ON	55457WC	S56220			
SEAT	IBIZA	1993-1999	56318WC	S56318			
SEAT	TOLEDO DIESEL	1991-1999	56318WC	S56318			
SEAT	TOLEDO PETROL	1991-1999	55457WC	S56220			
<b>SKODA</b>							
SKODA	120L	1976-1990	22FR66WC	22FR520SMF	22FR600SMF 22FR680SMF		
SKODA	FELICIA	1995-1998		S55066			S55090AGM
SKODA	OCTAVIA PETROL 1.4 & 1.8L	2004-ON	56638WC	S56838	S57220	S57450EFB	S57090AGM
SKODA	OCTAVIA COMBI	2000-ON	56318WC	S56318			
SKODA	ROOMSTER	2006-ON		S56030			S56090AGM
SKODA	SUPERB PETROL 1.8L	2011-ON		S56030			S56090AGM
<b>SSANGYONG</b>							
SSANGYONG	290S	2006 ON	NX1207WC	S95D31RHD		ST110D31REFB	
SSANGYONG	A200S 4WD	2006 ON	NX1207WC	S95D31RHD		ST110D31REFB	
SSANGYONG	ACTYON 4WD DIESEL	2006 ON	NX1207WC	S95D31RHD		ST110D31REFB	
SSANGYONG	CHAIRMAN	2003-2008		S60038			S59590AGM
SSANGYONG	KORANDO 4WD PETROL	1998 ON	22FR66WC	22FR520SMF	22FR600SMF 22FR680SMF		
SSANGYONG	KORANDO 4WD DIESEL	2003-ON	NX1207WC	S95D31RHD		ST110D31REFB	
SSANGYONG	KYRON	2006 ON	NX1207WC	S95D31RHD		ST110D31REFB	
SSANGYONG	MUSSO	1996-2007	NX1207WC	S95D31RHD		ST110D31REFB	
SSANGYONG	REXTON	2006 ON	NX1207WC	S95D31RHD		ST110D31REFB	
SSANGYONG	STAVIC	2006 ON	NX1207WC	S95D31RHD		ST110D31REFB	
<b>SUBARU</b>							
SUBARU	1.4 / 1.6	1970-1979		22NF330D			
SUBARU	1800 SERIES	1973-1990	NS40ZLWC	S42B19L		SM42B20LEFB	S34B20LAGM
SUBARU	ACE 0.7 / 0.8 SDX	1989-1992		22NF330D			
SUBARU	ALCYONE 1.8L	1985-1995		22NF330D			
SUBARU	ALCYONE 2.0L / 2.7L	1987-1995	NX1105WC	S80D26R			
SUBARU	AWD WAGON	1983-1990	NS40ZLWC	S42B19L		SM42B20LEFB	S34B20LAGM

MAKE	MODEL	YEAR	ACDELCO LMA	ACDELCO SMF	ACDELCO SMF HEAVY DUTY	ACDELCO EFB	ACDELCO AGM
SUBARU	BRUMBY - SOME EARLY MODELS USE S42B19R	1980-1994	NS40ZLWC	S42B19L		SM42B20LEFB	S34B20LAGM
SUBARU	BRZ	2013-ON	55D23RWC	S55D23R	S70D23R		
SUBARU	DOMINGO	1983-1992		22NF330D			
SUBARU	FORESTER PETROL	1997-ON	55D23LWC	S55D23L	S70D23L	SQ85D23LEFB	
SUBARU	FORESTER DIESEL	2010-ON	NX1105LWC	S80D26L		SS95D26LEFB	
SUBARU	IMPREZA	1993-2007	NS40ZLWC	S42B19L		SM42B20LEFB	S34B20LAGM
SUBARU	IMPREZA / WRX	1993-ON		S55B24L			
SUBARU	IMPREZA (START-STOP)	2012-ON				SQ85D23LEFB	
SUBARU	IMPREZA WRX STI	2001-ON	55D23LWC	S55D23L	S70D23L	SQ85D23LEFB	
SUBARU	LEGACY	2003-2009	NS40ZLWC	S42B19L		SM42B20LEFB	S34B20LAGM
SUBARU	LEONE	1983-1995	NS40ZLWC	S42B19L		SM42B20LEFB	S34B20LAGM
SUBARU	LIBERTY	1989-2006	NS40ZLWC	S42B19L	S55B24L	SM42B20LEFB	S34B20LAGM
SUBARU	LIBERTY 2.5L	2008-ON	55D23RWC	S55D23R	S70D23R		
SUBARU	LIBERTY 3.6L	2008-ON	55D23RWC	S55D23R	S70D23R		
SUBARU	LIBERTY SPORTSWAGON			S55B24L			
SUBARU	OUTBACK 4CYL	1996-2008	NS40ZLWC	S42B19L	S55B24L	SM42B20LEFB	S34B20LAGM
SUBARU	OUTBACK 4CYL	2009-ON	NS40ZWC	S42B19R	S55B24R	SM42B20REFB	S34B20RAGM
SUBARU	OUTBACK 6CYL 2.5I / PREMIUM / 3.0	1997-2001		S55B24L			
SUBARU	OUTBACK 6CYL 2.5I, H6 3.0 / 3.6	2001-09-ON	55D23LWC	S55D23L	S70D23L	SQ85D23LEFB	
SUBARU	OUTBACK DIESEL	2010-ON	NX1105WC	S80D26R			
SUBARU	SHERPA	1983-1989	12N243WC	SU1R60			
SUBARU	SHERPA	1989-1992	NS40ZLWC	S42B19L		SM42B20LEFB	S34B20LAGM
SUBARU	SPORTS WAGON	1986-1998	NS40ZLWC	S42B19L		SM42B20LEFB	S34B20LAGM
SUBARU	SVX	1992-1996	22F66WC	22F520SMF	22F600SMF 22F680SMF		
SUBARU	TRIBECA	2006-2007	55D23LWC	S55D23L	S70D23L	SQ85D23LEFB	
SUBARU	TRIBECA	2008-2010		S58-6MF			
SUBARU	TRIBECA	2011-ON		S70D23L		SQ85D23LEFB	
SUBARU	VORTEX	1987-1993	NS40ZLWC	S42B19L		SM42B20LEFB	S34B20LAGM
SUBARU	XV (START-STOP)	2012-ON				SQ85D23LEFB	
<b>SUZUKI</b>							
SUZUKI	ALTO	1983-ON	NS40ZLSWC	S42B19LS			
SUZUKI	ALTO	2010-ON		S55B24R			S46B24RAGM
SUZUKI	APV	2004-ON	NS40ZLWC	S42B19L		SM42B20LEFB	S34B20LAGM
SUZUKI	BALENO / X90 / X91	1995-1996	NS40ZLWC	S42B19L		SM42B20LEFB	S34B20LAGM
SUZUKI	BALENO (WAGON & GTX)	1995-ON	NS40ZLSWC	S42B19LS			
SUZUKI	BALENO GTX / WAGON / GL / CAVALIERO / GLX	1996-ON		S55B24L			
SUZUKI	CARRY	1999-ON	NS40ZLWC	S42B19L		SM42B20LEFB	S34B20LAGM
SUZUKI	CAPPUCCINO	1993-1995	NS40ZLWC	S42B19L		SM42B20LEFB	S34B20LAGM
SUZUKI	CINO	1983-ON	NS40ZLWC	S42B19L		SM42B20LEFB	S34B20LAGM
SUZUKI	GRAND VITARA 4 & 6 CYL	1998-1999	55D23LWC	S55D23L	S70D23L	SQ85D23LEFB	
SUZUKI	GRAND VITARA	2000-2004	22F66WC	22F520SMF	22F600SMF 22F680SMF		
SUZUKI	GRAND VITARA 4 & 6 CYL	2005-ON	55D23LWC	S55D23L	S70D23L	SQ85D23LEFB	
SUZUKI	HATCH	1983-ON	NS40ZWC	S42B19R		SM42B20REFB	S34B20RAGM
SUZUKI	IGNIS HT51S / HT81S	2000-2006	NS40ZLWC	S42B19L		SM42B20LEFB	S34B20LAGM
SUZUKI	IGNIS HR51S / HR81S	2001-2008		S55B24L			
SUZUKI	JIMNY	1999-ON	NS40ZWC	S42B19R		SM42B20REFB	S34B20RAGM
SUZUKI	KIZASHI	2010-ON	55D23LWC	S55D23L	S70D23L	SQ85D23LEFB	

MAKE	MODEL	YEAR	ACDELCO LMA	ACDELCO SMF	ACDELCO SMF HEAVY DUTY	ACDELCO EFB	ACDELCO AGM
SUZUKI	LIANA	2000-ON	NS40ZLWC	S42B19L		SM42B20LEFB	S34B20LAGM
SUZUKI	LJ50 / LJ80 / LJ81 4WD	1971-1982	NS40ZWC	S42B19R		SM42B20REFB	S34B20RAGM
SUZUKI	MIGHTY BOY	1983-1988	12N243WC	SU1R60			
SUZUKI	RT WAGON	1998-ON	NS40ZWC	S42B19R		SM42B20REFB	S34B20RAGM
SUZUKI	SIERRA	1990-1995	NS40ZLWC	S42B19L		SM42B20LEFB	S34B20LAGM
SUZUKI	SWIFT MK1, MK2, MK3, GTI	1984-1999	NS40ZWC	S42B19R		SM42B20REFB	S34B20RAGM
SUZUKI	SWIFT	2000-2004	NS40ZWC	S42B19R		SM42B20REFB	S34B20RAGM
SUZUKI	SWIFT	2005-2010		S55B24R			S46B24RAGM
SUZUKI	SX4	2006-ON		S55B24R			S46B24RAGM
SUZUKI	VITARA	1986-1993	NS40ZWC	S42B19R		SM42B20REFB	S34B20RAGM
SUZUKI	VITARA V6/GRAND/SIERRA	1998-2005	55D23LWC	S55D23L	S70D23L	SQ85D23LEFB	
SUZUKI	XL-7 / XLT	2001-2005	55D23LWC	S55D23L	S70D23L	SQ85D23LEFB	
SUZUKI	X90 TARGA	2000-ON	NS40ZLWC	S42B19L		SM42B20LEFB	S34B20LAGM
<b>TATA</b>							
TATA	SAFARI TURBO DIESEL	2000-ON	NX1207WC	S95D31RHD		ST110D31REFB	
<b>TOYOTA</b>							
TOYOTA	4 RUNNER 4 CYL	1984-1995	22FR66WC	22FR520SMF	22FR600SMF 22FR680SMF		
TOYOTA	4 RUNNER V6	1974-1995	NX1105WC	S80D26R			
TOYOTA	86	2013-ON	55D23RWC	S55D23R	S70D23R		
TOYOTA	ARISTO IMPORTED	1991-1997	55D23LWC	S55D23L	S70D23L	SQ85D23LEFB	
TOYOTA	ALTEZA	1999-ON	NS40ZLWC	S42B19L		SM42B20LEFB	S34B20LAGM
TOYOTA	AURION	2006-13-ON	55D23LWC	S55D23L	S70D23L	SQ85D23LEFB	
TOYOTA	AVALON	2000-2005	55D23LWC	S55D23L	S70D23L	SQ85D23LEFB	
TOYOTA	AVENSIS	2000-2003		S55B24LS			
TOYOTA	AVENSIS	2004-ON	55D23LWC	S55D23L	S70D23L	SQ85D23LEFB	
TOYOTA	CAMRY (AUSTRALIAN BUILD)	1983-1985		22NF330LS			
TOYOTA	CAMRY 4CYL. SV20	1987-1992	NS40ZLSWC	S42B19LS			
TOYOTA	CAMRY 4CYL. SVX20R	2001-	22F66WC	22F520SMF	22F600SMF 22F680SMF		
TOYOTA	CAMRY 6CYL. ALL MODELS	1988-ON	55D23LWC	S55D23L	S70D23L	SQ85D23LEFB	
TOYOTA	CAMRY WIDE BODY 4CYL & 6CYL.	1993-ON	55D23LWC	S55D23L	S70D23L	SQ85D23LEFB	
TOYOTA	CAMRY - AZURA, INTRIGUE, SPORTIVO, VIENTA	2005-2010	55D23LWC	S55D23L	S70D23L	SQ85D23LEFB	
TOYOTA	CAMRY NON-HYBRID MODELS	2010-ON	55D23LWC	S55D23L	S70D23L	SQ85D23LEFB	
TOYOTA	CELICA ST184	1972-1991		22NF330LS			
TOYOTA	CELICA GT4 TURBO 4WD ST185 / ST205	1990-1999	NX1105WC	S80D26R			
TOYOTA	CELICA ST184 / ST185	1991-ON	55D23LWC	S55D23L	S70D23L	SQ85D23LEFB	
TOYOTA	CELICA SX	1989-1999	NS40ZLSWC	S42B19LS			
TOYOTA	CELICA SX	1999-ON		S55B24LS			
TOYOTA	COROLLA (AUSTRALIAN BUILD)	1972-1982		22NF330LS			
TOYOTA	COROLLA (JAPAN BUILD)	1982-1989	NS40ZLSWC	S42B19LS			
TOYOTA	COROLLA AE90 / AE93 / AE95 (JAPAN BUILD)	1990-1995	NS40ZLSWC	S42B19LS			
TOYOTA	COROLLA AE92 / AE94 / AE96 / AE101 / AE102	1990-1995		22NF330LS			
TOYOTA	COROLLA ASCENT / LEVIN / CONQUEST E110	1997-2001	NS40ZLWC	S42B19L		SM42B20LEFB	S34B20LAGM
TOYOTA	COROLLA ASCENT / CONQUEST / LEVIN E120 & E130	2001-2006	NS40ZLSWC	S42B19LS			
TOYOTA	COROLLA CONQUEST E140 / E150	2007-2013		S55B24LS			
TOYOTA	COROLLA LEVIN ZR	2007-ON	55D23LWC	S55D23L	S70D23L	SQ85D23LEFB	
TOYOTA	COROLLA SPORTIVO	2003-ON		22NF330LS			

MAKE	MODEL	YEAR	ACDELCO LMA	ACDELCO SMF	ACDELCO SMF HEAVY DUTY	ACDELCO EFB	ACDELCO AGM
TOYOTA	CORONA	1964-1983		22NF330LS			
TOYOTA	CORONA	1984-1987	NS40ZLSWC	S42B19LS			
TOYOTA	CRESSIDA	1977-1982		22NF330LS			
TOYOTA	CRESSIDA	1983-1994	55D23LWC	S55D23L	S70D23L	SQ85D23LEFB	
TOYOTA	CROWN	1971-1983	22FR66WC	22FR520SMF	22FR600SMF 22FR680SMF		
TOYOTA	CROWN ROYAL	1983-1988	NX1105LWC	S80D26L		SS95D26LEFB	
TOYOTA	ECHO	1999-2000	NS40ZLSWC	S42B19LS			
TOYOTA	ECHO	2001-2003	NS40ZSWC	S42B19RS			
TOYOTA	ECHO NCP 10R	2003-2005		S55B24RS			
TOYOTA	FJ CRUISER PETROL	2011-ON	NX1105LWC	S80D26L		SS95D26LEFB	
TOYOTA	HIACE COMMUTER	1993-ON	NX1207WC	S95D31RHD		ST110D31REFB	
TOYOTA	HIACE DIESEL	1998-2000	NX1105WC	S80D26R			
TOYOTA	HIACE DIESEL	2000-ON	NX1207WC	S95D31RHD		ST110D31REFB	
TOYOTA	HIACE PETROL	1984-1995	22FR66WC	22FR520SMF	22FR600SMF 22FR680SMF		
TOYOTA	HIACE PETROL VAN	1997-2005		S70D23L		SQ85D23LEFB	
TOYOTA	HIACE PETROL VAN	2005-ON	55D23RWC	S55D23R	S70D23R		
TOYOTA	HILUX PETROL 1.8L	1980-1994	NS40ZWC	S42B19R		SM42B20REFB	S34B20RAGM
TOYOTA	HILUX PETROL RN50/55/58/61/67 2.4L	1984-1997	55D23RWC	S55D23R	S70D23R		
TOYOTA	HILUX PETROL WORKMATE 2.0L	1997-2001	NS40ZLWC	S42B19L		SM42B20LEFB	S34B20LAGM
TOYOTA	HILUX PETROL 2.7L RN130, VZN130 MODELS	1997-2005	55D23LWC	S55D23L	S70D23L	SQ85D23LEFB	
TOYOTA	HILUX PETROL	2000-2005	55D23RWC	S55D23R	S70D23R		
TOYOTA	HILUX PETROL LN51/56/60/61/65	2006-ON	55D23LWC	S55D23L	S70D23L	SQ85D23LEFB	
TOYOTA	HILUX PETROL (MK7) 4CYL	2006-ON	55D23LWC	S55D23L	S70D23L	SQ85D23LEFB	
TOYOTA	HILUX DIESEL LN106/107/111/130	1984-1998	NX1207WC	S95D31RHD		ST110D31REFB	
TOYOTA	HILUX DIESEL LN86R 2WD	1992-1998	NX1105WC	S80D26R			
TOYOTA	HILUX DIESEL LN150/160/170/190	1997-2005	NX1207WC	S95D31RHD		ST110D31REFB	
TOYOTA	HILUX DIESEL MK7 / MK7 SERIES II	2005-11-ON	NX1207LWC	S95D31LHD		ST110D31LEFB	
TOYOTA	HILUX PETROL V6 (EUROPE OR STH AFRICA BUILD)	2006-13-ON		S57220		S57450EFB	S57090AGM
TOYOTA	HILUX SURF PETROL	1989-2005	NX1105WC	S80D26R			
TOYOTA	HILUX SURF DIESEL (REQUIRES 2 BATTERIES OPPOSING TERMS)	1989-2005	NX1105WC X 1 NX1105LWC X 1	S80D26R X 1 S80D26L X 1			
TOYOTA	KLUGER	2003-13-ON	NX1105LWC	S80D26L		SS95D26LEFB	
TOYOTA	LAND CRUISER 70 SERIES UTILITY	1974-1990	NX1207WC	S95D31RHD		ST110D31REFB	
TOYOTA	LANDCRUISER PETROL 6CYL	1979-1991	NX1105WC	S80D26R			
TOYOTA	LANDCRUISER HDJ80 / HZJ80 / FZJ80 WAGON	1991-ON	NX1207LWC	S95D31LHD		ST110D31LEFB	
TOYOTA	LAND CRUISER 100 SERIES PETROL & DIESEL	1998-ON	NX1207LWC	S95D31LHD		ST110D31LEFB	
TOYOTA	LAND CRUISER 200 SERIES PETROL & DIESEL *REQ 2 OPP BATTS	1998-ON	NX1105WC X 1 NX1105LWC X 1	S80D26R X 1 S80D26L X 1			
TOYOTA	LANDCRUISER FJ CRUISER PETROL	2007-13-ON	NX1105LWC	S80D26L		SS95D26LEFB	
TOYOTA	LAND CRUISER FZJ -105R	2011-	NX1105LWC	S80D26L		SS95D26LEFB	
TOYOTA	LAND CRUISER DIESEL CAB CHASSIS / UTILITY	1991-ON	NX1207WC	S95D31RHD		ST110D31REFB	
TOYOTA	LANDCRUISER PETROL GXL 4.5L	1999-ON	NX1207LWC	S95D31LHD		ST110D31LEFB	
TOYOTA	LAND CRUISER HZJ 105 SERIES	2000-ON	NX1207WC	S95D31RHD		ST110D31REFB	
TOYOTA	LAND CRUISER HDJ79R, HZJ79R, VDJ79R UTE BODY	2000-ON	NX1207WC	S95D31RHD		ST110D31REFB	
TOYOTA	LAND CRUISER HDJ-100R TURBO DIESEL *REQ 2 OPP BATTS	2001-2012	NX1207LWC X 1 NX1207WC X 1	S95D31LHD X 1 S95D31RHD X 1		ST110D31LEFB X 1 ST110D31REFB X 1	
TOYOTA	LANDCRUISER PRADO PETROL 4CYL & V6	1996-ON		S70D23L		SQ85D23LEFB	

MAKE	MODEL	YEAR	ACDELCO LMA	ACDELCO SMF	ACDELCO SMF HEAVY DUTY	ACDELCO EFB	ACDELCO AGM
TOYOTA	LANDCRUISER PRADO PETROL V6	2003-ON	NX1105LWC	S80D26L		SS95D26LEFB	
TOYOTA	LANDCRUISER PRADO DIESEL	1996-2003	NX1207WC	S95D31RHD		ST110D31REFB	
TOYOTA	LANDCRUISER PRADO DIESEL	2004-ON	NX1207LWC	S95D31LHD		ST110D31LEFB	
TOYOTA	LEXCEN	1989-1997	22FR66WC	22FR520SMF	22FR600SMF 22FR680SMF		
TOYOTA	LITEACE	1985-1992	NS40ZLWC	S42B19L		SM42B20LEFB	S34B20LAGM
TOYOTA	LITEACE DIESEL	1988-1992	NX1105WC	S80D26R			
TOYOTA	MR2	1989-1999		S55B24LS			
TOYOTA	NXR COUPE	1983-ON		S55B24L			
TOYOTA	PASEO	1991-1995	55D23LWC	S55D23L	S70D23L	SQ85D23LEFB	
TOYOTA	PREVIA	2006-ON	22FR66WC	22FR520SMF	22FR600SMF 22FR680SMF		
TOYOTA	PRIUS	1997-2003		S42B19L		SM42B20LEFB	S34B20LAGM
TOYOTA	PRIUS	2004-ON					S46B24RAGM
TOYOTA	RAV4 1ST GEN	1995-2000		S55B24RS			
TOYOTA	RAV4 2ND GEN	2000-2005	55D23RWC	S55D23R	S70D23R		
TOYOTA	RAV4 PETROL	2005-ON	55D23LWC	S55D23L	S70D23L	SQ85D23LEFB	
TOYOTA	RAV4 PETROL 2.0 & 2.5L	2006-2013	55D23LWC	S55D23L	S70D23L	SQ85D23LEFB	
TOYOTA	RUKUS	2010-ON	55D23LWC	S55D23L	S70D23L	SQ85D23LEFB	
TOYOTA	SOARER ALL MODELS	1991-2005		S70D23L		SQ85D23LEFB	
TOYOTA	SPACIA	1993-2001	NS40ZSWC	S42B19RS			
TOYOTA	SPRINTER	1992-1995		22NF330LS			
TOYOTA	STARLET	1996-ON	NS40ZSWC	S42B19RS			
TOYOTA	SUPRA TURBO	1983-1987	NX1105LWC	S80D26L		SS95D26LEFB	
TOYOTA	SUPRA TURBO	1988-ON	NX1207WC	S95D31RHD		ST110D31REFB	
TOYOTA	SUPRA NON-TURBO	1988-ON	55D23LWC	S55D23L	S70D23L	SQ85D23LEFB	
TOYOTA	TARAGO	1983-1990	NS40ZSWC	S42B19RS			
TOYOTA	TARAGO TCR10 / TCR11 / TCR20 / TCR21	1990-2000	55D23LWC	S55D23L	S70D23L	SQ85D23LEFB	
TOYOTA	TARAGO	2000-2006		S55B24LS			
TOYOTA	TARAGO	2006-ON	55D23LWC	S55D23L	S70D23L	SQ85D23LEFB	
TOYOTA	TARAGO V6	2007-ON	55D23LWC	S55D23L	S70D23L	SQ85D23LEFB	
TOYOTA	TARAGO DIESEL 4WD	1985-1990	NX1207WC	S95D31RHD		ST110D31REFB	
TOYOTA	TERCEL	1983-1988		22NF330LS			
TOYOTA	TOWN ACE	1997-ON	NS40ZSWC	S42B19RS			
TOYOTA	TOWN ACE SBV	1997-ON	NS40ZLWC	S42B19L		SM42B20LEFB	S34B20LAGM
TOYOTA	TOWN ACE SBV	1992-1997	22FR66WC	22FR520SMF	22FR600SMF 22FR680SMF		
TOYOTA	TOWN ACE PETROL	2003-ON	NS40ZWC	S42B19R		SM42B20REFB	S34B20RAGM
TOYOTA	ULTIMA	1987-1993	NS40ZLSWC	S42B19LS			
TOYOTA	ULTIMA CORROLLA	2000-ON	NS40ZLWC	S42B19L		SM42B20LEFB	S34B20LAGM
TOYOTA	VIENTA	1995-2000	55D23LWC	S55D23L	S70D23L	SQ85D23LEFB	
TOYOTA	YARIS	2006-ON		S55B24LS			
<b>VOLKSWAGEN</b>							
VOLKSWAGEN	9C	1999-ON	55457WC	S56220			
VOLKSWAGEN	AMAROK	2011-ON	58515WC	S58515	S60038		S59590AGM
VOLKSWAGEN	BEETLE & SUPER BUG	1969-ON		22NF330D			
VOLKSWAGEN	BEETLE DIESEL	2001-ON		S57220		S57450EFB	S57090AGM
VOLKSWAGEN	BEETLE PETROL	2001-ON	55457WC	S56220			
VOLKSWAGEN	BORA PETROL V5 & DIESEL	1998-2005		S57220		S57450EFB	S57090AGM



MAKE	MODEL	YEAR	ACDELCO LMA	ACDELCO SMF	ACDELCO SMF HEAVY DUTY	ACDELCO EFB	ACDELCO AGM
VOLKSWAGEN	CADDY	2004-ON	56318WC	S56318			
VOLKSWAGEN	CALIFORNIA	2003-2009	56318WC	S56318			
VOLKSWAGEN	CARAVELLE	1982-1997	55457WC	S56220			
VOLKSWAGEN	CARAVELLE	1998-ON	56318WC	S56318			
VOLKSWAGEN	CRAFTER 35 VAN	2006-ON	58515WC	S58515	S60038		S59590AGM
VOLKSWAGEN	CRAFTER 50 VAN	2006-ON	58515WC	S58515	S60038		S59590AGM
VOLKSWAGEN	EOS PETROL 2.0 & DIESEL 2.0L	2006-ON		S58014			
VOLKSWAGEN	GOLF DIESEL & TDI ALL MODELS	1993-2010		S57220		S57450EFB	S57090AGM
VOLKSWAGEN	GOLF PETROL 4CYL. (MK1, MK2, MK3, MK4)	1976-2004	55457WC	S56220			
VOLKSWAGEN	GOLF PETROL VR5, VR6 ENGINES (MK3, MK4)	1994-2004		S57220		S57450EFB	S57090AGM
VOLKSWAGEN	GOLF V (5TH GEN) PETROL 4CYL	2004-2009		S56030			S56090AGM
VOLKSWAGEN	GOLF R32 VR6	2002-2009		S59096			S58090AGM
VOLKSWAGEN	GOLF GT	2007-ON		S57220		S57450EFB	S57090AGM
VOLKSWAGEN	GOLF TSI 1.4 PETROL	2006-2009		S56030			S56090AGM
VOLKSWAGEN	JETTA V	2006-ON	56318WC	S56318			
VOLKSWAGEN	LT35 DIESEL VAN	2004-ON	58515WC	S58515	S60038		S59590AGM
VOLKSWAGEN	KOMBI (CHECK HEIGHT CLEARANCE)	1974-1987	22F66WC	22F520SMF	22F600SMF 22F680SMF		
VOLKSWAGEN	MULTIVAN	2003-ON	58515WC	S58515	S60038		S59590AGM
VOLKSWAGEN	PASSAT PETROL B1	1974-1983	55457WC	S56220			
VOLKSWAGEN	PASSAT B4 PETROL	1995-1997	55457WC	S56220			
VOLKSWAGEN	PASSAT B5 / B5 GP (SERIES II) PETROL 4CYL	1998-2007		S56030			S56090AGM
VOLKSWAGEN	PASSAT B5 / B5 GP (SERIES II) PETROL V6	1998-2007		S58014			
VOLKSWAGEN	PASSAT B6 / B7 PETROL	2007-11-ON		S58014			
VOLKSWAGEN	PASSAT B6 DIESEL	2007-2011		S59096			S58090AGM
VOLKSWAGEN	PASSAT B7 DIESEL BLUEMOTION START-STOP	2011-ON					S58090AGM
VOLKSWAGEN	PASSAT R36 FSI TURBO	2008-ON		S58014			
VOLKSWAGEN	POLO PETROL	2001-ON	55457WC	S56220			
VOLKSWAGEN	POLO 1.9TDI DIESEL	2005-ON		S57220		S57450EFB	S57090AGM
VOLKSWAGEN	SCIROCCO PETROL 2.0L	1974-1992	55457WC	S56220			
VOLKSWAGEN	TIGUAN DIESEL 2.0L	2007-ON		S57220		S57450EFB	S57090AGM
VOLKSWAGEN	TIGUAN PETROL	2007-ON		S56030			S56090AGM
VOLKSWAGEN	TOUAREG DIESEL V8 & V10 (HAS LARGE AUX. BATTERY)	2003-ON		S60038 AUX.			S59590AGM
VOLKSWAGEN	TOUAREG PETROL V6	2003-ON		S58014			
VOLKSWAGEN	TOUAREG PETROL V8	2003-ON		S60038			S59590AGM
VOLKSWAGEN	TRANSPORTER PETROL	1985-2007		S57220		S57450EFB	S57090AGM
VOLKSWAGEN	TRANSPORTER DIESEL	2003-ON		S60038			S59590AGM
<b>VOLVO</b>							
VOLVO	740	1984-1992	55457WC	S56220			
VOLVO	760	1986-1990	55457WC	S56220			
VOLVO	850	1991-1997	55457WC	S56220			
VOLVO	240 / 242 / 244 / 245	1975-1986	NX1105WC	S80D26R			
VOLVO	240 / 242 / 244 / 245	1986-1991	56318WC	S56318			
VOLVO	240 SERIES	1985-1993	22FR66WC	22FR520SMF	22FR600SMF 22FR680SMF		
VOLVO	260 SERIES	1975-1986	NX1105WC	S80D26R			
VOLVO	360 SERIES	1984-1987	55457WC	S56220			
VOLVO	440 SERIES	1993-1995	55457WC	S56220			

MAKE	MODEL	YEAR	ACDELCO LMA	ACDELCO SMF	ACDELCO SMF HEAVY DUTY	ACDELCO EFB	ACDELCO AGM
VOLVO	740 SERIES	1985-1991	56318WC	S56318			
VOLVO	760 SERIES	1983-2001	56318WC	S56318			
VOLVO	800 LELLENIA	1975-1986	NX1105WC	S80D26R			
VOLVO	850 SERIES	1992-1997	56318WC	S56318			
VOLVO	940 SERIES	1991-1996	56318WC	S56318			
VOLVO	960 SERIES	1991-1995	56318WC	S56318			
VOLVO	C30	2006-ON	55457WC	S56220			
VOLVO	C70 / C70II	1997-2006	56318WC	S56318			
VOLVO	C70 COUPE	1998-2004	55457WC	S56220			
VOLVO	C70 COUPE	2006-ON		S58014			
VOLVO	CROSS COUNTRY STN WAGON	2000-ON	56318WC	S56318			
VOLVO	S40 / S60	1995-ON	56318WC	S56318			
VOLVO	S70	1997-2000	55457WC	S56220			
VOLVO	S80	1999-2006	56318WC	S56318			
VOLVO	S80II	2006-ON		S58014			
VOLVO	S90	1997-1998	56318WC	S56318			
VOLVO	V40	1996-2004	55457WC	S56220			
VOLVO	V50	2004-ON		S58014			
VOLVO	V60	2011-ON	55457WC	S56220			
VOLVO	V70 / V90	1997-ON	56318WC	S56318			
VOLVO	XC60 4CYL 2.0 & 6CYL 3.0L	2011-ON		S56030			S56090AGM
VOLVO	XC70	1999-2002		S56030			S56090AGM
VOLVO	XC70	2003-ON		S57220		S57450EFB	S57090AGM
VOLVO	XC90 PETROL	2003-ON		S57220		S57450EFB	S57090AGM
VOLVO	XC90 DIESEL	2003-ON		S60038			S59590AGM



# Sealed Maintenance Free battery specifications (12 volt)

ACDELCO PART NUMBER	TYPE	AH (20HR)	RC (MIN)	CCA (@ -18 C)	DIMENSIONS (MM)			CELL LAYOUT	TERMINAL SHAPE	BOTTOM HOLD-DOWNS
					LENGTH	WIDTH	MAX HEIGHT (INCL. TERMINAL)			
22F520SMF	BCI	54	95	520	240	172	203	0	STD	B9
22F520SMFDF	BCI	54	95	520	240	172	210	0	DF	B9
22F600SMF	BCI	58	95	600	240	172	203	0	STD	B9
22F680SMF	BCI	62	105	680	240	172	203	0	STD	B9
22FR520SMF	BCI	54	95	520	240	172	203	1	STD	B9
22FR600SMF	BCI	58	95	600	240	172	203	1	STD	B9
22FR680SMF	BCI	62	105	680	240	172	203	1	STD	B9
22NF-330D	22NF	40	60	330	238	134	204	Center	DF	B9
22NF-330LS	22NF	40	60	330	238	134	204	0	STD	B9
AU22520SMFDF	BCI	54	95	520	229	172	210	0	DF	B7
AU22R520SMF	BCI	54	95	520	229	170	203	1	STD	B0
AU22R600SMF	BCI	58	95	600	229	170	203	1	STD	B0
HC31SMF	BCI High Cycle	110	200	830	330	172	240	Center	STD	B0
HC31SMFS	BCI High Cycle	110	200	830	330	172	240	Center	STUD	B0
HCM24LSMF	BCI Deep Cycle/Marine	82	140	580	259	172	225	0	TM	B7
HCM24SMF	BCI Deep Cycle/Marine	82	140	580	259	172	225	1	TM	B7
HCM27LSMF	BCI Deep Cycle/Marine	97	162	680	305	172	225	0	TM	B7
HCM27SMF	BCI Deep Cycle/Marine	97	162	680	305	172	225	1	TM	B7
HCM31SMF	BCI Deep Cycle/Marine	110	200	830	330	172	234	Center	TM	B0
M24SMF600	BCI Marine	70	115	600	259	172	225	1	TM	B7
M27SMF750	BCI Marine	90	145	750	305	172	225	1	TM	B7
M31SMF900	BCI Marine	100	180	900	330	172	234	Center	TM	B0
S1110H	BCI Heavy Duty	100	180	830	330	172	240	Center	STUD	B0
S1111H	BCI Heavy Duty	100	180	830	330	172	240	Center	STD	B0
S1151	BCI Heavy Duty	100	180	750	330	172	240	Center	STD	B0
S31-900MF	BCI Heavy Duty	100	180	900	330	172	240	Center	STUD	B0
S31-901MF	BCI Heavy Duty	100	180	900	330	172	240	Center	STD	B0
S42B19L	JIS	35	58	340	186	126	225	0	SM	B0
S42B19LS	JIS	35	58	340	186	126	225	0	STD	B0
S42B19R	JIS	35	58	340	186	126	225	1	SM	B0
S42B19RS	JIS	35	58	340	186	126	225	1	STD	B0
S50D20L	JIS	50	85	400	206	172	219	0	STD	B7
S50D20R	JIS	50	85	400	206	172	219	1	STD	B7
S54516	DIN	45	75	400	207	175	175	0	STD	B3
S55066	DIN	50	86	415	207	175	190	0	STD	B3
S55457	DIN	54	90	500	242	175	175	0	STD	B3
S55458	DIN	54	90	500	242	175	175	1	STD	B3
S55B24L	JIS	45	80	430	238	128	225	0	SM	B0
S55B24LS	JIS	45	80	430	238	128	225	0	STD	B0
S55B24R	JIS	45	80	430	238	128	225	1	SM	B0
S55B24RS	JIS	45	80	430	238	128	225	1	STD	B0

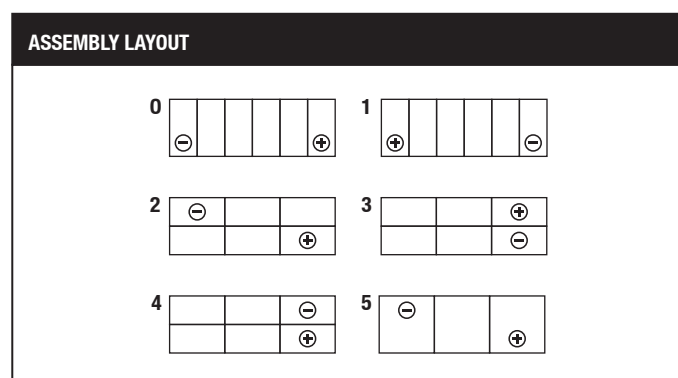
ACDELCO PART NUMBER	TYPE	AH (20HR)	RC (MIN)	CCA (@ -18 C)	DIMENSIONS (MM)			CELL LAYOUT	TERMINAL SHAPE	BOTTOM HOLD-DOWNS
					LENGTH	WIDTH	MAX HEIGHT (INCL. TERMINAL)			
S55D23L	JIS	60	100	500	229	172	222	0	STD	B7
S55D23R	JIS	60	100	500	229	172	222	1	STD	B7
S56030	DIN	60	100	520	242	175	190	0	STD	B3
S56220	DIN	62	100	540	242	175	175	0	STD	B3
S56318	DIN	63	110	550	278	175	175	0	STD	B3
S56838	DIN	68	110	600	278	175	190	0	STD	B3
S56840	DIN	68	110	600	278	175	190	1	STD	B3
S57210	DIN	72	120	630	278	175	175	0	STD	B3
S57220	DIN	72	120	680	278	175	190	0	STD	B3
S58014	DIN	80	135	730	315	175	175	0	STD	B3
S58515	DIN	85	165	780	353	175	175	0	STD	B3
S58-6MF	BCI	60	100	530	241	183	175	1	STD	B8
S58R-6MF	BCI	60	100	530	241	183	175	0	STD	B8
S59095	DIN	90	160	912	315	175	190	1	STD	B3
S59096	DIN	90	160	912	315	175	190	0	STD	B3
S59227	DIN	92	170	700	353	175	190	0	STD	B3
S59228	DIN	92	170	700	353	175	190	1	STD	B3
S60038	DIN	100	180	800	353	175	190	0	STD	B3
S65-7MF	BCI	85	150	850	302	189	191	1	STD	B8
S69032	DIN	190	400	1000	510	275	238	3	STD	B0
S70D23L	JIS	65	110	550	229	172	222	0	STD	B7
S70D23R	JIS	65	110	550	229	172	222	1	STD	B7
S75-6MF	BCI	58	100	650	237	178	184	1	SIDE	B7
S75D31L	JIS	75	140	620	305	172	222	0	STD	B7
S75D31R	JIS	75	140	620	305	172	222	1	STD	B7
S78-6MF	BCI	68	120	770	268	178	184	1	SIDE	B7
S78DT-6MF	BCI	68	120	770	268	178	205	1	DT	B7
S80D26L	JIS	75	140	600	259	172	222	0	STD	B1
S80D26R	JIS	75	140	600	259	172	222	1	STD	B1
S85B60L	JIS	55	90	550	229	172	203	0	STD	B1
S85B60R	JIS	55	90	550	229	172	203	1	STD	B1
S95D31LHD	JIS	90	160	710	305	172	222	0	STD	B7
S95D31RHD	JIS	90	160	710	305	172	222	1	STD	B7
SN100	JIS Heavy Duty	100	185	750	406	172	231	1	STD	B0
SN100L	JIS Heavy Duty	100	185	750	406	172	231	0	STD	B0
SN120	JIS Heavy Duty	120	230	850	503	182	231	3	STD	B0
SN120L	JIS Heavy Duty	120	230	850	503	182	231	4	STD	B0
SN150	JIS Heavy Duty	150	300	1000	507	213	231	3	STD	B0
SN150L	JIS Heavy Duty	150	300	1000	507	213	231	4	STD	B0
SN200	JIS Heavy Duty	200	430	1200	510	275	238	3	STD	B0
SN200L	JIS Heavy Duty	200	430	1200	510	275	238	4	STD	B0
SPN120	JIS Semi Cycle	120	230	700	503	182	231	3	STD	B0
SPN150	JIS Semi Cycle	150	300	870	507	213	231	3	STD	B0
SPN200	JIS Semi Cycle	200	400	1110	510	275	238	3	STD	B0
SPN90	JIS Semi Cycle	90	160	600	305	172	222	1	STD	B7
SPN90L	JIS Semi Cycle	90	160	600	305	172	222	0	STD	B7
SU1-60	BCI Lawn Mower	24	33	270	196	128	184	1	LUG	B0
SU1R-60	BCI Lawn Mower	24	33	270	196	128	184	0	LUG	B0



# Sealed Maintenance Free AGM & EFB batteries

ACDELCO PART NUMBER	TYPE	AH (20HR)	RC (MIN)	CCA (@ -18 C)	DIMENSIONS (MM)			CELL LAYOUT	TERMINAL SHAPE	BOTTOM HOLD-DOWNS
					LENGTH	WIDTH	MAX HEIGHT (INCL. TERMINAL)			
S34B20LAGM	JIS AGM	33	57	340	195	126	224	0	SM	B0
S34B20RAGM	JIS AGM	33	57	340	195	126	224	1	SM	B0
S46B24LAGM	JIS AGM	42	75	410	236	126	224	0	SM	B0
S46B24RAGM	JIS AGM	42	75	410	236	126	224	1	SM	B0
S55090AGM	DIN AGM	50	80	520	206	174	189	0	STD	B3
S56090AGM	DIN AGM	60	100	680	241	174	189	0	STD	B3
S57090AGM	DIN AGM	70	120	760	277	174	189	0	STD	B3
S57450EFB	DIN EFB	74	135	680	278	175	190	0	STD	B3
S58090AGM	DIN AGM	80	140	800	314	174	189	0	STD	B3
S59590AGM	DIN AGM	95	160	900	352	174	189	0	STD	B3
SM42B20LEFB	JIS EFB	43	63	400	196	128	225	0	SM	B0
SM42B20REFB	JIS EFB	43	63	400	196	128	225	1	SM	B0
SN55B24LEFB	JIS EFB	58	92	500	238	128	225	0	SM	B0
S085D23LEFB	JIS EFB	75	125	660	229	172	222	0	STD	B7
SS95D26LEFB	JIS EFB	80	150	720	259	172	222	0	STD	B7
ST110D31LEFB	JIS EFB	90	170	820	305	172	222	0	STD	B7
ST110D31REFB	JIS EFB	90	170	820	305	172	222	1	STD	B7

ABBREVIATIONS	
B1	2 bottom hold-downs 10.5mm high on long sides
B3	4 bottom hold-downs 10.5mm high on all four sides
B4	2 bottom hold-downs 19mm high on long sides
B9	4 bottom hold-downs 10.5mm high on short sides, 29.0mm high on long sides
B3/B4	B4 BHD available with adaptor on long sides
BN	Bolt nut terminal
DF	Dual fit terminal
SM	Small terminal
STD	Standard terminal
TM	Twin marine





# Low Maintenance Accessible battery specifications (12 volt)

ACDELCO PART NUMBER	TYPE	AH (20HR)	RC (MIN)	CCA (@ -18 C)	DIMENSIONS (MM)			CELL LAYOUT	TERMINAL SHAPE	BOTTOM HOLD-DOWNS
					LENGTH	WIDTH	MAX HEIGHT (INCL. TERMINAL)			
12N24-3WC	BCI Lawn Mower	26	44	250	186	126	181	0	BN	
12N24-4WC	BCI Lawn Mower	26	44	250	186	126	181	1	BN	
NS40ZLSWC	JIS	30	44	270	187	127	224	0	STD	
NS40ZLWC	JIS	30	44	270	187	127	224	0	SM	
NS40ZSWC	JIS	30	44	270	187	127	224	1	STD	
NS40ZWC	JIS	30	44	270	187	127	224	1	SM	
55D23LWC	JIS	60	100	500	232	173	225	0	STD	
55D23RWC	JIS	60	100	500	232	173	225	1	STD	
NX110-5LWC	JIS	70	115	600	260	170	222	0	STD	
NX110-5WC	JIS	70	115	600	260	170	222	1	STD	
NX120-7LWC	JIS	75	120	660	303	172	225	0	STD	
NX120-7WC	JIS	75	120	660	303	172	225	1	STD	
N100WC	JIS Heavy Duty	100	165	680	408	175	233	1	STD	
N120WC	JIS Heavy Duty	113	219	800	505	183	236	4	STD	
N150WC	JIS Heavy Duty	150	280	950	508	222	238	4	STD	
N200WC	JIS Heavy Duty	195	410	1100	525	281	243	4	STD	
55457WC	DIN	54	85	470	245	175	175	0	STD	B3
55458WC	DIN	54	85	470	245	175	175	1	STD	B3
56318WC	DIN	63	110	580	280	175	175	0	STD	B3/B4
56330WC	DIN	63	100	520	280	175	175	0	STD	B3
56638WC	DIN	66	110	580	280	175	190	0	STD	B3
58515WC	DIN	85	158	770	353	175	175	0	STD	B3
58827WC	DIN	88	140	700	353	175	190	0	STD	B3
58828WC	DIN	88	140	700	353	175	190	1	STD	B3
60044WC	DIN	100	175	850	353	175	190	0	STD	B3
22FR66WC	BCI	47	78	450	240	174	211	1	STD	B9
22F66WC	BCI	47	78	450	240	174	211	0	DF	B9
AU2266WC	BCI	47	78	450	230	174	211	0	STD	
AU22R66WC	BCI	47	78	450	230	174	211	1	STD	
30HL-102WC	JIS	100	180	830	330	173	230	0	STD	



# Applications of ACDelco batteries

## ACDELCO BATTERY RANGE



Cars, Ride on Mowers



Cars



Marine, SUVs, RVs, Tractors



Commercial, Trucks, Buses, Industrial



Marine, Caravans

ACDelco has the following range of batteries available:  
/ Sealed Maintenance Free (calcium / calcium)  
/ Low Maintenance Accessible (calcium / calcium)

ACDelco Batteries can be used for specific purposes:  
/ Starting / Cranking / High Cycle  
/ Deep Cycle / Dual Purpose - Starting / Deep Cycle

## BATTERY APPLICATIONS

To suit Most Makes Most Models of:



Passenger Cars



Light Commercials



Caravans



Motor Homes



House Boats



Recreational Vehicles



4x4 Vehicles



Ride on Mowers



Trucks



Buses



Marine



Heavy Industrial Applications



Agricultural Harvesting Equipment



Tractors



Earth Moving & Mining Equipment



Imported Vehicles













Available from: