

# Поршни

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# How to use this catalog

This catalog contains pistons for domestic and imported passenger car and truck engine applications and contains several significant changes to the part number system and order quantity procedures. The part number is completely new to accommodate the integration of the MAHLE Original® and Clevite® piston programs. It is composed of 4 components:

1. Prefix - identifies the piston product group
2. Base part number
3. Suffix if applicable (WR = rings installed or HA = Hard Anodized)
4. Oversize designation

**1 2 3 4**

For example: 224-3512 HA .030

The order quantity is now one (1) so you should order the exact quantity of pistons you need. If you order eight (8) of a 224-3512HA.030, you will receive eight pistons. Standard engine quantities will be shipped in balanced sets. If you order ten (10) pistons for an eight (8) cylinder, you will get eight (8) balanced pistons in an engine set package and two (2) individually packaged pistons.

The applications are arranged in alphabetical sequence with the manufacturer's name


appearing at the top of each page. To find the correct MAHLE Original® piston part number:

1. Use the manufacturer's index in the front of this catalog to locate the vehicle manufacturer desired.

2. Turn to the indicated manufacturer section and locate the corresponding block number listed at the right of the desired engine. Model data is also included to help identify what engines are used in particular models during regular production years.

3. Each block has the the following pertinent information to that part number.

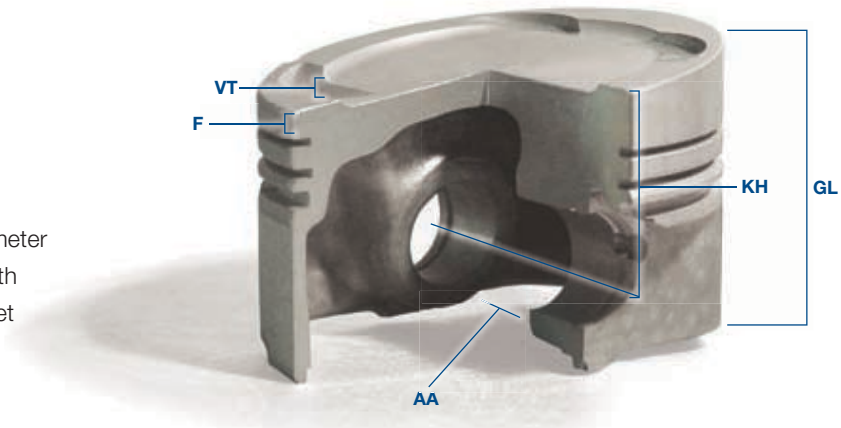
- 1 = Engine application detail and block no.
- 2 = Part no.
- 3 = Year range and applicable VIN
- 4 = Available sizes
- 5 = Notes for applications
- 6 = Head configuration diagram
- 7 = Part specifications
- 8 = Per car quantity
- 9 = Ring groove widths
- 10 = Piston pin diameter
- 11 = Compression height
- 12 = Piston pin hole location
- 13 = Associated piston rings

39 <b>1</b> 350 CID (5.7L) V8 3.80" (96.5mm) Buick		39
1980	X	<b>2</b> 224-1949
1974	M	
1974	N	
1974-1972	J	
1974-1972	H	
1974	A	<b>4</b> STD, .020", .030", .040", .060"
1974	B	
1971-1968	-	
<b>7</b> Material: Aluminum <b>6</b>  Recessed Head Recess Depth: 0.215" Recess Diameter: 3.050" Non-Turbo.		<b>8</b> 8 <b>9</b> .54" 5/64" 3/16" <b>10</b> .98" <b>11</b> 1.805" <b>12</b> Hole Location: Offset
<b>Notes:</b> <b>5</b> For Cars from 1968 to 1970: Except High Compression; Except 4 Barrel Carburetor		<b>P13n Ring Sets:</b> Cast Iron: <b>51106CP</b> Premium: <b>41106CP</b>

## Technical terms

### Pistons (dimensions)

- AA.....Distance between bosses
- F.....Top land height
- GL.....Total length
- KH.....Compression height
- MO.....Combustion chamber diameter
- MT.....Combustion chamber depth
- MV.....Combustion chamber offset
- UH.....Dome height
- VT.....Valve recess depth



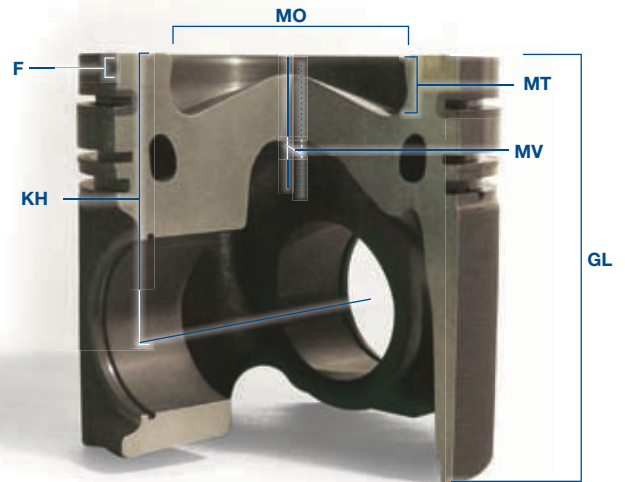
### Types of semi-finished piston

- F.....Squeeze-cast piston
- KB.....FERROTHERM® piston
- L.....Solid skirt piston
- P.....Forged piston
- V.....AUTO-/HYDROTHERMIK® piston / AUTO-/HYDROTHERMATIK® piston

- AK.....Recess for oil cooling nozzle
- DRT....Double ring carrier
- KK.....Cooling gallery, in some cases with recess
- RT.....Ring carrier

FERROSTAN® FERROSTAN®-coated

HA.....Hard anodized



### Piston pins

- Pin dimensions:
- Outer diameter of pin x total length
- FB.....Profiled pin
- NB.....Pin boss bushing
- S.....Shrink fit-/clamp type con rod
- T.....Keystone con rod



# Fitting recommendation

The MAHLE Original® repair pistons are ready for installation with mounted piston rings.

Piston diameter, installation clearance, and if applicable – direction of installation are marked on the piston crown. The stated piston diameter added to the corresponding clearance gives the cylinder diameter.

In the case of pistons that have a graphitized skirt, another 0.015-0.020 mm should be deducted from the measured piston diameter to allow for the thickness of the layer; this gives the nominal diameter for the piston which is stamped on it.



Example:

Measured diameter on layer of graphite	90.000 mm
Less diameter identified on piston crown	89.960 mm
Gives thickness of the layer of graphite	0.040 mm

The piston rings have been mounted with the greatest of care. Each time they are removed unnecessarily and refitted with excessive stretching, permanent deformation is caused and the operating performance is impaired.

The piston pins are packed in a way that protects them from corrosion and they are enclosed with the piston, as are the pin locking devices (if required).

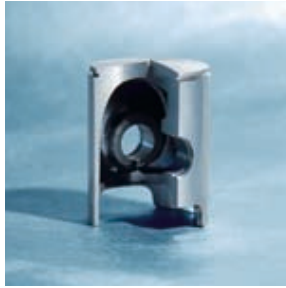
The piston pins are selected for the appropriate fit and they can be exchanged within the same piston type. However, some of the pistons and pins are color coded. These parts may not be exchanged for others under any circumstances.

### Assembly of piston and con rod

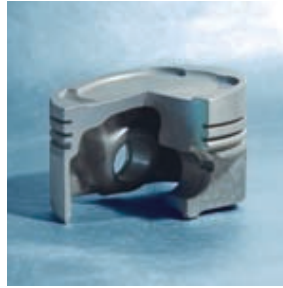
Prior to assembly, the con rods have been checked to see that their bores are on parallel axes (to ensure that there has been no bending or twisting), and if necessary, they have been replaced.

On assembly it must be ensured that the components are lubricated sufficiently. The pistons and con rods must always be assembled in the prescribed installation direction.

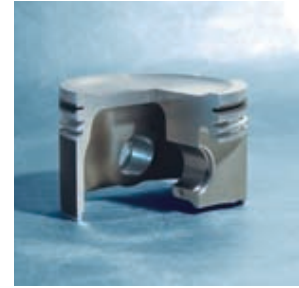
## Piston Types



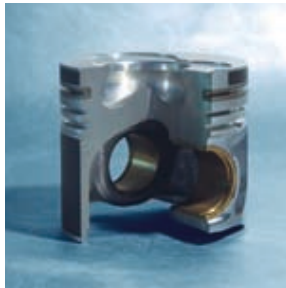
**Two-stroke pistons** are subject to strong mechanical and thermal loads due to the design principle of two-stroke engines. Special aluminum alloys are used to meet these requirements in the best possible way.



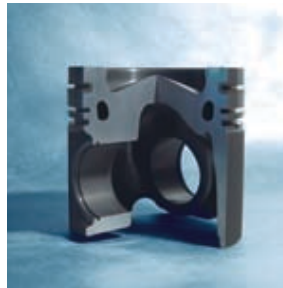
**Cast solid skirt pistons** distinguish themselves with a long operating life and economic visibility for gasoline and diesel engines. In these pistons, the piston crown, ring zone and skirt make a robust unit. The possibilities for use range from a model engine to a large engine.



**Forged solid skirt pistons** have increased strength due to the manufacturing process. This means that smaller wall cross-sections and lower piston weights are possible. These pistons are installed, above all, in mass-produced engines that are subject to heavy loads, and in engines for racing sports.

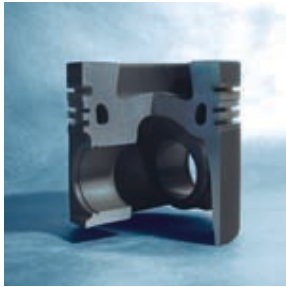


**Ring carrier pistons with pin boss bushes** have a ring carrier made of special cast iron which is cast into the piston. This provides protection to the top ring groove from the wear and tear which diesel engines in particular are subject to. In order to make it possible to increase the loads to which the pin boss can be subjected, this piston has pin boss bushes that are made of a special material.



**Ring carrier pistons with cooling gallery** are used in situations in which particularly high operating temperatures occur. In order to reduce the high temperatures – which are caused by the increased performance – in the piston crown and in the ring area, intensive cooling is done by circulating oil in the cooling gallery.





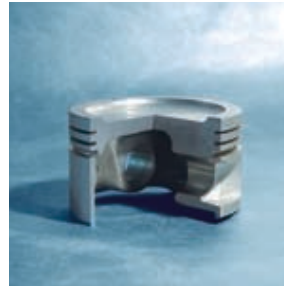
**Ring carrier pistons with cooling gallery and crown reinforcement**

are used for highly loaded diesel engines. For additional protection and in order to avoid cracking in the combustion chamber and the crown, these pistons have a special hard anodized layer (HA) on the piston crown.



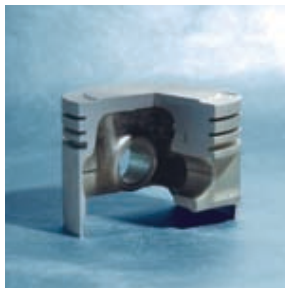
**Pistons with cooled ring carrier**

Have significantly improved head dissipation at the first ring slot. This is achieved with a combination of ring carrier and cooling gallery, in which the two components are combined into one system in a special production process.



**AUTOTHERMIK® / HYDROTHERMIK® pistons**

have cast steel strips and are slotted at the transition from the ring area to the skirt area. These pistons run very smoothly and are preferred for installation in car engines.



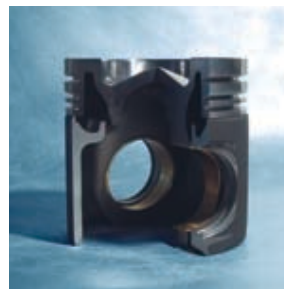
**AUTOTHERMATIK® / HYDROTHERMATIK® pistons**

also have cast steel strips, but they are not slotted and so they make a uniform body with greater strength. They are preferred for installation in gasoline and diesel engines for cars that are subject to heavy loads.



**ECOFORM® pistons with pivoted side core**

Weight optimized pistons for passenger car gasoline engines. As a result of a special casting technology, these pistons offer low weight and high structural rigidity.

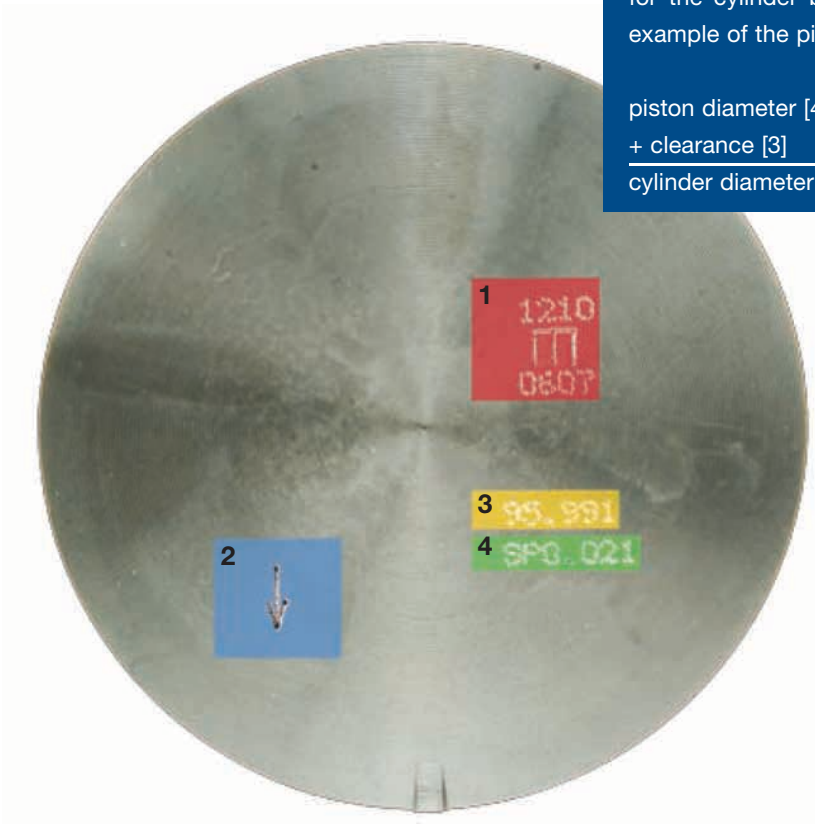


**FERROTHERM® pistons**

Consist of a steel piston head and an aluminum piston skirt which have a moveable connection to each other via the piston pin. Due to great strength and low wear and tear, it is possible to achieve low exhaust emission values for diesel engines subject to particularly high loads.

## Markings

These signs vouch for MAHLE quality.



Calculations of the nominal dimensions for the cylinder bore taken from the example of the piston shown above:

piston diameter [4]	83.93 mm
+ clearance [3]	0.07 mm
<b>cylinder diameter</b>	<b>84.00 mm</b>

### The following information is included on the piston crown

**1** Trademark for the company/brand.

**2** In line with the instructions from the engine manufacturer in question, the installation directions is marked on the piston crown. This direction is to be observed upon installation. Other markings that are used include a cmahsft symbol, a cast notch or expressions such as “front”. It can be necessary to install the piston in a certain direction because a piston crown is asymmetrical or because the axle of a piston pin bore has been disengaged to change the noise level.

In the case of pistons for engines with cylinder dimensions in inches, there is a “Std” indication, or for oversize dimensions a “.020” indication – for example – in addition to the greatest piston diameter.

**3** The installation clearance in mm corresponds to the necessary difference in diameter between the cylinder bore and the piston skirt.

**4** The largest piston diameter is given in mm. For small pistons, often only the group and the rated diameter are given in the markings. Additional diameter specifications and the fitting clearances may be given on the packing.

Further markings on the piston crown can be, for example:

- A .....exhaust
- E .....inlet
- 1.....cylinder 1
- 1/2 .....cylinder 1 and 2

MAHLE Original pistons are OE quality and have the same great OE features like compensated ring grooves assuring proper ring loading and oil control. Expansion controlled designs for small fitting clearances reducing engine noise, wear, emissions, and improving oil control in the long term. These benefits are staples of the MAHLE Original piston line

during manufacturing. By providing the skirt with a friction reducing protective layer, improvements are realized under adverse operating conditions, such as: break-in, temporary overloading, inadequate lubrication and oil dilution after frequent cold starts. MAHLE's Grafal skirt coating continues to provide these benefits for the life of the engine.

For friction reduction and resistance to scuffing use the MAHLE Grafal skirt coated piston. Grafal is a graphite impregnated resin developed by MAHLE and applied to the piston skirt

Function	To avoid scuffing and to reduce friction and noise.
Type of Coating	Graphite impregnated resin
Coating Thickness	Avg. 15-50 µm
Process Principle	Cleaning, screen printing, curing; also possible to apply by spray method
Coated Area	Primarily piston skirt; possible to coat ring lands
Properties	High scuffing resistance at narrow clearances and lack of lubrication; porous to transport oil
Applications	Gasoline and diesel engines

# Chrysler Car Model Year and Engine Identification



1981-05 Model Years	
1B3 BD21DX B A 100001	

Engine Code      Model Year  
8<sup>th</sup> Symbol      10<sup>th</sup> Symbol

1977-80 Model Years	
PM23E 7 123456	

Engine Code      Model Year  
5<sup>th</sup> Symbol      6<sup>th</sup> Symbol

Model Year Code			
Code	Year	Code	Year
A	1980	P	1993
B	1981	R	1994
C	1982	S	1995
D	1983	T	1996
E	1984	V	1997
F	1985	W	1998
G	1986	X	1999
H	1987	Y	2000
J	1988	1	2001
K	1989	2	2002
L	1990	3	2003
M	1991	4	2004
N	1992	5	2005

VIN	Years	Cyl	CID	Liters	Engine Description
A	1984	4	86	1.4	2BC SOHC
A	91-94	4	92	1.5	MPFI SOHC
A	83-86	4	97	1.6	2BC OHV
A	95-98	4	1800cc	1.8	SEFI SOHC
A	78-82	4	105	1.7	2BC SOHC
A	87-89	4	135	2.2	TBI SOHC
A	91-93	4	135	2.2	MPFI DOHC
B	1984	4	98	1.6	2BC SOHC
B	82-83	4	105	1.7	2BC SOHC
B	92-94	4	107	1.8	EFI SOHC
B	81-82	4	135	2.2	2BC SOHC
B	96-05	4	148	2.4	MPFI DOHC
B	91-92	V6	181	3.0	MPFI SOHC
C	93-94	4	112	1.8	MPFI DOHC
C	95-05	4	122	2.0	MPFI SOHC
C	82-88	4	135	2.2	2BC SOHC
C	89-90	4	135	2.2	MPFI TC SOHC
C	91-92	V6	181	3.0	MPFI TC DOHC
C	75-81	6	225	3.7	2BC OHV
D	1992	4	112	1.8	MPFI SOHC
D	84-89	4	122	2.0	2BC SOHC
D	83-94	4	135	2.2	TBI SOHC
D	81-82	4	156	2.6	2BC SOHC
D	77-80	6	225	3.7	2BC OHV
E	84-89	4	135	2.2	MPFI TC SOHC
E	2005	4	148	2.4	MPFI TCI DOHC
E	81-83	6	225	3.7	1BC OHV
E	92-02	V10	488	8.0	MPFI OHV

VIN	Years	Cyl	CID	Liters	Engine Description
F	84-90	4	98	1.6	MPFI TC SOHC
F	90-94	4	122	2.0	MPFI TC DOHC
F	01-04	4	122	2.0	MPFI SOHC
F	83-85	4	135	2.2	2BC SOHC
F	78-83	4	156	2.6	2BC SOHC
F	93-97	V6	215	3.5	MPFI SOHC
G	01-05	4	143	2.4	EFI DOHC
G	03-05	4	148	2.4	MPFI TCI DOHC
G	93-94	4	144	2.4	MPFI SOHC
G	83-87	4	156	2.6	2BC SOHC
G	99-05	V6	215	3.5	MPFI SOHC
G	75-81	V8	318	5.2	2BC OHV
G	77-78	V8	400	6.6	2BC OHV
H	95-00	V6	153	2.5	MPFI SOHC
H	78-80	V8	318	2.5	4BC OHV
H	1990	4	153	2.5	TBI SOHC
H	84-87	4	156	2.6	SFI TC SOHC
H	01-05	V6	181	3.0	MPFI SOHC
H	93-96	V6	181	3.0	MPFI SOHC
H	81-87	6	225	3.7	1BC OHV
H	2005	V8	345	5.7	SEFI OHV
J	79-84	4	86	1.4	2BC SOHC
J	89-93	4	153	2.5	TCI MPFI SOHC
J	1993	V6	181	3.0	MPFI DOHC
J	93-96	V6	181	3.0	MPFI DOHC
J	98-01	V6	197	3.2	MPFI SOHC
J	1981	V8	318	5.2	4BC OHV
J	81-82	V8	318	5.2	EFI OHV

# Chrysler Car Model Year and Engine Identification



VIN	Years	Cyl	CID	Liters	Engine Description
J	74-79	V8	360	5.9	4BC OHV
K	85-91	4	92	1.5	2BC SOHC
K	71-82	4	98	1.6	2BC SOHC
K	86-95	4	153	2.5	TBI SOHC
K	93-96	V6	181	3.0	MPFI TC DOHC
K	02-04	V6	215	3.5	MPFI SOHC
K	81-82	V8	318	5.2	2BC OHV
K	75-80	V8	360	5.9	2BC OHV
L	04-05	V6	3199cc	3.2	MPFI SOHC
L	91-05	V6	230	3.8	MPFI OHV
L	81-82	V8	318	5.2 *	2BC OHV
L	75-80	V8	360	5.9	4BC ** OHV
M	02-04	V6	215	3.5	MPFI SOHC
M	80-82	V8	318	5.2	4BC OHV
N	95-97	4	122	2.0	MPFI SOHC
N	95-00	V6	153	2.5	MPFI SOHC
N	85-89	4	156	2.6	MPFI TCI SOHC
N	2005	V6	3199cc	3.2	MPFI SOHC
N	81-82	V8	318	5.2	4BC OHV
N	1983	V8	318	5.2	EFI OHV
N	74-78	V8	400	6.6	4BC OHV
P	87-88	4	92	1.5	MPFI SOHC
P	78-89	V8	318	5.2	2BC OHV
P	74-78	V8	400	6.6	4BC OHV
R	89-90	4	135	2.2	MPFI TC DOHC
R	98-03	V6	167	2.7	MPFI DOHC
R	90-05	V6	201	3.3	MPFI OHV
R	80-87	V8	318	5.2	4BC OHV
S	03-05	4	148	2.4	MPFI TCI DOHC
S	89-92	V6	181	3.0	MPFI SOHC
S	83-89	V8	318	5.2	4BC OHV
T	89-94	4	107	1.8	MPFI SOHC

VIN	Years	Cyl.	CID	Liters	Engine Description
T	2005	V6	167	2.7	MPFI DOHC
T	2003	V6	167	2.7	MPFI FFV DOHC
T	93-97	V6	201	3.3	MPFI OHV
T	72-78	V8	440	7.2	4BC OHV
U	74-81	4	122	2.0	2BC SOHC
U	98-01	V6	167	2.7	SEFI DOHC
U	90-92	V6	182	3.0	MPFI SOHC
U	94-95	V6	201	3.3	MPFI FFV OHV
U	75-78	V8	440	7.2 **	2BC OHV
V	1990	4	98	1.6	MPFI DOHC
V	89-91	4	122	2.0	MPFI SOHC
V	93-94	4	153	2.5	MPFI FFV SOHC
V	01-03	V6	215	3.5	MPFI SOHC
V	2005	V6	215	3.5	MPFI OHV
W	90-92	4	144	2.4	MPFI SOHC
W	92-95	4	153	2.5	TBI SOHC
W	2005	V8	370	6.1	MPFI OHV
X	89-90	4	92	1.5	MPFI SOHC
X	95-05	4	148	2.4	MPFI DOHC
Y	89-90	4	98	1.6	MPFI DOHC
Y	95-99	4	122	2.0	MPFI DOHC
Z	77-79	4	98	1.6	2BC SOHC
Z	89-90	4	98	1.6	MPFI TC DOHC
Z	79-80	V8	360	5.9	4BC OHV
Z	03-05	V10	505	8.3	MPFI OHV
2	82-83	4	86	1.4	2BC SOHC
2	2005	V8	345	5.7	SEFI OHV
3	82-83	4	98	1.6	2BC SOHC
3	87-00	V6	181	3.0	MPFI SOHC
4	83-89	V8	318	5.2	2BC OHV
8	04-05	4	148	2.4	MPFI TCI DOHC
8	1986	4	135	2.2	2BC SOHC

- \* Special Order
- \*\* High Performance
- DI Direct Injection
- EFI Electronic Fuel Injection
- FFV Flex Fuel Vehicle
- MPFI Multi-port Fuel Injection
- SEFI Sequential Electronic Fuel Injection
- TC Turbocharged
- TCI Turbocharged Intercooled
- TBI Throttle Body Injection

# Dodge Truck Model Year and Engine Identification



1981-05 Model Years	
1B3 BD21DX B A 100001	

Engine Code      Model Year  
8<sup>th</sup> Symbol      10<sup>th</sup> Symbol

1977-80 Model Years	
PM23E 7 123456	

Engine Code      Model Year  
5<sup>th</sup> Symbol      6<sup>th</sup> Symbol

Model Year Code			
Code	Year	Code	Year
A	1980	P	1993
B	1981	R	1994
C	1982	S	1995
D	1983	T	1996
E	1984	V	1997
F	1985	W	1998
G	1986	X	1999
H	1987	Y	2000
J	1988	1	2001
K	1989	2	2002
L	1990	3	2003
M	1991	4	2004
N	1992	5	2005

VIN	Years	Cyl	CID	Liters	Engine Description
A	73-80	V8	440	7.2	4BC OHV
B	82-83	4	105	1.7	2BC SOHC
B	96-05	4	148	2.4	DOHC MPFI
B	70-80	6	225	3.7	2BC OHV
B	74-80	V8	400	6.6	2BC OHV
C	82-88	4	135	2.2	2BC SOHC
C	78-80	6	225	3.7	1BC OHV
C	90-96	6	359	5.9	Diesel TCI OHV
C	03-05	6	359	5.9	HO Diesel TCI OHV
D	84-89	4	122	2.0	SOHC 3BC
D	03-05	V8	345	5.7	Hemi SEFI
D	97-98	6	359	5.9	Diesel TCI OHV
D	74-79	V8	440	7.2	4BC OHV
E	86-89	4	156	2.6	2BC SOHC
E	86-89	4	156	2.6	MPFI SOHC
E	81-83	6	225	3.7	1BC OHV
E	1980	6	225	3.7	2BC OHV
E	70-81	V8	318	5.2	2BC OHV
E	74-78	V8	440	7.2	4BC OHV
F	74-78	6	243	4.0	Diesel OHV
F	71-80	V8	360	5.9	2BC OHV
G	1993	4	144	2.4	SOHC MPFI

VIN	Years	Cyl	CID	Liters	Engine Description
G	2003	4	148	2.4	TCI DOHC
G	89-95	4	153	2.5	TBI OHV
G	83-87	4	156	2.6	2BC SOCH
G	98-01	V6	201	3.3	Flex Fuel OHV
H	81-87	6	225	3.7	1BC OHV
H	74-79	6	243	4.0	Diesel OHV
H	04-05	V10	505	8.3	MPFI OHV
J	84-85	4	143	2.3	Diesel TC SOHC
J	89-93	4	153	2.5	TCI SOHC
J	94-96	V6	201	3.3	CNG OHV
J	02-05	V8	287	4.7	MPFI SOHC
J	72-78	V8	400	6.6	2BC OHV
K	86-95	4	153	2.5	SOHC TBI
K	02-05	V6	226	3.7	SOHC MPFI
K	76-79	V8	360	5.9	2BC OHV
L	91-05	V6	230	3.8	MPFI OHV
M	1987	V6	239	3.9	2BC OHV
N	79-80	6	225	3.7	1BC OHV
N	99-05	V8	287	4.7	SOHC MPFI
P	96-02	4	150	2.5	MPFI OHV
P	78-89	V8	318	5.2	2BC OHV
R	90-05	V6	201	3.3	MPFI OHV

- CNG      Compressed Natural Gas
- MPFI    Multi-port Fuel Injection
- TC      Turbocharged
- TCI     Turbocharged Intercooled
- TBI     Throttle Body Injection

# Dodge Truck Model Year and Engine Identification



VIN	Years	Cyl.	CID	Liters	Engine Description
R	80-87	V8	318	5.2	4BC OHV
S	89-92	V6	181	3.0	MPFI SOHC
S	83-89	V8	318	5.2	4BC OHV
S	80-82	V8	360	5.9	2BC OHV
T	89-90	4	153	2.5	Turbo SOHC
T	83-87	V8	318	5.2	2BC OHV
T	92-03	V8	318	5.2	CNG OHV
T	78-83	V8	360	5.9	4BC OHV
U	74-81	4	122	2.0	2BC SOHC
U	84-85	V8	318	5.2	4BC OHV
U	1980	V8	360	5.9	4BC OHV
V	83-86	V8	360	5.9	2BC OHV
V	74-78	V8	400	6.6	2BC OHV
W	90-92	4	144	2.4	SOHC MPFI
W	92-95	4	153	2.5	TBI SOHC
W	79-80	4	156	2.6	2BC SOHC
W	82-83	6	225	3.7	2BC OHV
W	83-88	V8	360	5.9	4BC OHV
W	94-03	V10	488	8.0	Iron Block OHV

VIN	Years	Cyl.	CID	Liters	Engine Description
X	88-91	V6	239	3.9	TBI OHV
X	92-03	V6	239	3.9	MPFI OHV
Y	88-91	V8	318	5.2	TBI OHV
Y	92-03	V8	318	5.2	MPFI OHV
Z	89-92	V8	360	5.9	TBI OHV
Z	93-03	V8	360	5.9	MPFI OHV
1	83-88	V8	360	5.9	4BC OHV
3	87-00	V6	181	3.0	MPFI SOHC
3	01-03	V6	201	3.3	Flex Fuel OHV
4	04-05	V6	215	3.5	MPFI SOHC
5	81-83	4	122	2.0	2BC SOHC
5	1988	V8	360	5.9	4BC OHV
5	89-92	V8	360	5.9	TBI OHV
5	93-02	V8	360	5.9	MPFI OHV
6	98-04	6	359	5.9	Diesel TCI OHV
7	81-82	4	156	2.6	2BC SOHC
7	01-02	6	359	5.9	Diesel TCI OHV
8	89-93	6	359	5.9	Diesel TC OHV
9	1983	4	143	2.3	Diesel TC SOHC

CNG Compressed Natural Gas  
 MPFI Multi-port Fuel Injection  
 TC Turbocharged  
 TCI Turbocharged Intercooled  
 TBI Throttle Body Injection

# Ford Car Model Year and Engine Identification



1981-05 Model Years	
1ABCD3G @ DA 100,001	

Engine Code      Model Year  
8<sup>th</sup> Symbol      10<sup>th</sup> Symbol

1977-80 Model Years	
7S62H 123456	

Engine Code      Model Year  
5<sup>th</sup> Symbol      1<sup>st</sup> Symbol

Model Year Code			
Code	Year	Code	Year
A or 0	1980	P	1993
B	1981	R	1994
C	1982	S	1995
D	1983	T	1996
E	1984	V	1997
F	1985	W	1998
G	1986	X	1999
H	1987	Y	2000
J	1988	1	2001
K	1989	2	2002
L	1990	3	2003
M	1991	4	2004
N	1992	5	2005

VIN	Years	Cyl	CID	Liters	Engine Description
A	93-97	L4	122	2.0	DOHC
A	80-90	L4	140	2.3	SOHC
A	00-05	V8	241	3.9	DOHC
A	99-02	V8	330	5.4	DOHC
B	93-97	V6	153	2.5	DOHC
B	80-82	L6	200	3.3	OHV
C	89-92	L4	134	2.2	SOHC
C	1995	V8	351W	5.8	H/O Cobra
D	1983	L4	140	2.3	OHC Turbo
D	86-90	L4	153	2.5	OHV
D	80-82	V8	255	4.2	OHV
D	93-95	V8	302	5.0	H/O Cobra
E	87-92	V8	302	5.0	H/O
F	82-91	V8	302	5.0	OHV
G	98-01	V6	155	2.5	DOHC
G	80-91	V8	351W	5.8	OHV
H	89-97	L4	81	1.3	SOHC
H	84-87	L4	122	2.0	Diesel
H	2005	V8	281	4.6	SOHC
J	85-96	L4	116	1.9	SOHC/EFI
J	1984	L4	140	2.3	OHV
K	88-89	L4	81	1.3	SOHC
K	94-95	L4	116	1.9	H/O

VIN	Years	Cyl	CID	Liters	Engine Description
L	89-92	L4	134	2.2	Turbo
L	84-85	L6	149	2.4	Turbo Diesel
L	95-02	V6	155	2.5	DOHC
L	97-03	V8	330	5.4	SOHC
M	91-93	L4	140	2.3	SOHC
M	84-87	V8	302	5.0	H/O
N	2005	4	121	2.0	DOHC
N	90-91	L4	153	2.5	OHV
N	96-99	V8	207	3.4	DOHC
N	2005	V6	244	4.0	SOHC
P	97-04	L4	122	2.0	SOHC
P	93-95	V6	195	3.2	DOHC/SHO
R	89-92	L4	134	2.2	SOHC/Turbo
R	1984	L4	140	2.3	OHV/1BC
R	89-90	V6	232	3.8	S/C
R	03-04	V8	281	4.6	DOHC
S	85-91	L4	140	2.3	OHV H/O
S	96-05	V6	181	3.0	DOHC
T	1981	L4	140	2.3	SOHC/Turbo
T	91-95	V8	302	5.0	H/O
U	86-05	V6	183	3.0	OHV
V	93-04	V8	281	4.6	DOHC
W	79-89	L4	140	2.3	SOHC/Turbo

- CNG      Compressed Natural Gas
- EFI      Electronic Fuel Injection
- H/O      High Output
- S/C      Supercharged
- SHO      Super High Output

# Ford Car Model Year and Engine Identification



VIN	Years	Cyl	CID	Liters	Engine Description
W	91-05	V8	281	4.6	SOHC
X	85-94	L4	140	2.3	OHV
X	1983	L6	200	3.3	OHV
X	96-04	V8	281	4.6	SOHC
Y	89-95	V6	183	3.0	DOHC/SHO
Y	03-04	V8	281	4.6	DOHC S/C
Z	91-94	L4	98	1.6	DOHC
Z	96-00	L4	1989cc	2.0	DOHC CNG
Z	04-05	4	138	2.3	DOHC
1	93-98	V6	183	3.0	OHV
2	81-85	L4	98	1.6	SOHC
2	96-05	V6	183	3.0	OHV Flex Fuel
3	95-04	L4	1989cc	2.0	DOHC

VIN	Years	Cyl	CID	Liters	Engine Description
3	83-87	V6	232	3.8	OHV
4	82-85	L4	98	1.6	SOHC H/O
4	87-04	V6	232	3.8	OHV
5	83-89	L4	98	1.6	SOHC
5	02-04	L4	121	2.0	DOHC
6	91-94	L4	98	1.6	DOHC Turbo
6	84-85	L4	140	2.3	SOHC LP
6	04-05	V6	238	3.9	OHV
6	96-04	V8	281	4.6	SOHC
8	81-85	L4	98	1.6	SOHC Turbo
9	85-90	L4	116	1.9	SOHC
9	95-04	V8	281	4.6	SOHC CNG

CNG Compressed Natural Gas  
 EFI Electronic Fuel Injection  
 H/O High Output  
 S/C Supercharged  
 SHO Super High Output

# Ford Truck

## Model Year and Engine Identification



### 1981-05 Model Years

1ABCD3G @ DA 100,001

Engine Code      Model Year  
8<sup>th</sup> Symbol      10<sup>th</sup> Symbol

### 1977-80 Model Years

7S62H 123456

Engine Code      Model Year  
5<sup>th</sup> Symbol      1<sup>st</sup> Symbol

Model Year Code			
Code	Year	Code	Year
A or 0	1980	P	1993
B	1981	R	1994
C	1982	S	1995
D	1983	T	1996
E	1984	V	1997
F	1985	W	1998
G	1986	X	1999
H	1987	Y	2000
J	1988	1	2001
K	1989	2	2002
L	1990	3	2003
M	1991	4	2004
N	1992	5	2005

VIN	Years	Cyl	CID	Liters	Engine Description
A	83-97	L4	140	2.3	SOHC
A	99-03	V8	330	5.4	DOHC
B	01-04	4	1989	2.0	DOHC
B	83-84	L4	140	2.3	SOHC
C	83-88	L4	121	2.0	SOHC
C	98-01	L4	153	2.5	SOHC
C	92-93	V8	444	7.3	IDI Turbo
D	02-05	L4	140	2.3	DOHC
D	81-82	V8	255	4.2	OHV
E	85-87	L4	140	2.3	SOHC Diesel
E	97-05	V6	244	4.0	SOHC
E	80-82	L6	300	4.9	OHV
F	80-85	V8	302	5.0	OHV
F	94-04	V8	444	7.3	DI Turbo
G	80-85	V8	351W	5.8	OHV
G	87-98	V8	460	7.5	OHV
H	2005	4	138	2.3	ATKINSON
H	03-05	V8	281	4.6	DOHC
H	77-82	V8	351M	5.8	OHV
H	85-96	V8	351W	5.8	OHV
K	03-05	V6	244	4.0	SOHC Flex Fuel
K	1994	V8	444	7.3	IDI Turbo
L	97-05	V8	330	5.4	SOHC
L	80-87	V8	460	7.5	OHV
M	79-82	L4	122	2.0	SOHC
M	97-05	V8	330	5.4	SOHC CNG
M	88-94	V8	444	7.3	IDI Diesel

VIN	Years	Cyl	CID	Liters	Engine Description
N	85-96	V8	302	5.0	OHV
N	1997	V8	330	5.4	SOHC
P	83-84	L4	134	2.2	SOHC
P	96-01	V8	302	5.0	OHV
P	03-05	V8	363	6.0	Diesel
R	01-04	V8	281	4.6	DOHC
R	01-04	V8	330	5.4	DOHC
S	83-86	V6	171	2.8	OHV
S	97-05	V10	415	6.8	SOHC
T	86-92	V6	177	2.9	OHV
T	99-02	V6	3275cc	3.3	SOHC
U	86-05	V6	183	3.0	OHV
V	99-03	V6	183	3.0	OHV Flex Fuel
W	79-82	L4	140	2.3	SOHC
W	97-05	V8	281	4.6	SOHC
X	90-00	V6	244	4.0	OHV
Y	83-96	L6	300	4.9	OHV
Z	04-05	4	138	2.3	DOHC
Z	94-96	L6	300	4.9	OHV
Z	98-04	V8	330	5.4	SOHC Flex Fuel
Z	80-82	V8	400	6.6	OHV
1	01-05	V6	181	3.0	DOHC
1	83-87	V8	420	6.9	Diesel
2	97-05	V6	256	4.2	OHV
3	83-87	V6	232	3.8	OHV
3	99-04	V8	330	5.4	SOHC S/C
4	95-04	V6	232	3.8	OHV

- CNG      Compressed Natural Gas
- DI        Direct Injection
- IDI       Indirect Injection
- S/C       Supercharged

Ford Truck  
Model Year and Engine Identification



VIN	Years	Cyl	CID	Liters	Engine Description
M	88-94	V8	444	7.3	IDI Diesel
5	04-05	V8	330	5.4	SOHC
6	04-05	V6	238	3.9	OHV
6	96-04	V8	281	4.6	SOHC

VIN	Years	Cyl	CID	Liters	Engine Description
4	95-04	V6	232	3.8	OHV
9	97-98	V8	281	4.6	SOHC LP
9	82-96	L6	300	4.9	OHV

CNG    Compressed Natural Gas  
 DI     Direct Injection  
 IDI    Indirect Injection  
 S/C    Supercharged

# General Motors Car Model Year and Engine Identification



## 1981-05 Model Years

1G1GZ37H0GR123456  
 Engine Code      Model Year  
 8<sup>th</sup> Symbol      10<sup>th</sup> Symbol

## 1978-80 Model Years

2B377AP 100.001  
 Engine Code      Model Year  
 5<sup>th</sup> Symbol      6<sup>th</sup> Symbol

Model Year Code			
Code	Year	Code	Year
A or 0	1980	P	1993
B	1981	R	1994
C	1982	S	1995
D	1983	T	1996
E	1984	V	1997
F	1985	W	1998
G	1986	X	1999
H	1987	Y	2000
J	1988	1	2001
K	1989	2	2002
L	1990	3	2003
M	1991	4	2004
N	1992	5	2005

VIN	Years	Cyl	CID	Liters	Engine Description
A	88-89	L4	138	2.3	MPFI DOHC
A	90-94	L4	138	2.3	MPFI DOHC
A	78-87	V6	231	3.8	2BC OHV
A	04-05	V8	281	4.6	SFI DOHC
B	83-84	L4	121	2.0	2BC OHV
B	1986	V6	231	3.8	MPFI OHV
B	91-95	V8	300	4.9	MPFI OHV
C	78-79	V6	196	3.2	2BC OHC
C	88-91	V6	231	3.8	MPFI OHV
C	95-03	V8	244	4.0	MPFI DOHC
D	82-86	L4	111	1.8	Diesel SOHC
D	87-95	L4	138	2.3	MPFI DOHC
D	76-79	L6	250	4.1	1BC OHV
E	82-86	V6	181	3.0	2BC OHV
E	99-05	V6	207	3.4	MPFI OHV
E	88-93	V8	305	5.0	TBI OHV
F	02-05	L4	134	2.2	MPFI DOHC
F	83-84	L4	151	2.5	2BC OHV
F	76-81	V8	260	4.3	2BC OHV
F	88-92	V8	305	5.0	MPFI OHV
G	1982	L4	112	1.8	2BC OHV
G	90-91	L4	134	2.2	TBI OHV
G	84-88	V8	305	5.0	4BC OHV
G	97-04	V8	346	5.7	SFI OHV

VIN	Years	Cyl	CID	Liters	Engine Description
H	92-94	L4	122	2.0	MPFI SOHC
H	99-02	V6	212	3.5	MPFI DOHC
H	78-88	V8	305	5.0	4BC OHV
J	84-86	L4	112	1.8	MPFI SOHC
J	99-05	V6	189	3.1	MPFI OHV
J	79-82	V8	267	4.4	2BC OHV
J	89-95	V8	350	5.7	MPFI DOHC
K	85-86	L4	92	1.5	2BC SOHC
K	87-91	L4	121	2.0	TBI SOHC
K	80-82	V6	229	3.8	2BC OHV
K	97-05	V6	231	3.8	MPFI OHV
K	77-79	V8	400	6.6	4BC OHV
L	03-05	L4	110	1.8	MPFI DOHC
L	83-84	V6	173	2.8	2BC OHV
L	85-88	V6	181	3.0	MPFI OHV
L	90-95	V6	231	3.8	MPFI OHV
L	74-82	V8	350	5.7	4BC OHV
M	85-86	L3	61	1.0	2BC SOHC
M	87-90	L4	121	2.0	MPFI SOHC
M	78-79	V6	200	2.3	2BC OHV
M	93-99	V6	189	3.1	MPFI OHV
N	03-04	V6	196	3.2	MPFI DOHC
N	88-93	V6	204	3.3	MPFI OHV
N	78-85	V8	350	5.7	Diesel OHV

- EFI      Electronic Fuel Injection
- FI      Fuel Injected
- MPFI    Multi-port Fuel Injection
- S/C      Supercharged
- SFI      Sequential Fuel Injection
- TBI      Throttle Body Injection

# General Motors Car Model Year and Engine Identification



VIN	Years	Cyl	CID	Liters	Engine Description
O	82-86	L4	112	1.8	TBI SOHC
P	83-86	L4	121	2.0	TBI OHV
P	04-05	4	1998	2.0	MPFI DOHC
P	1979	V8	260	4.3	Diesel OHV
P	92-97	V8	350	5.7	MPFI OHV
P	2004	V8	346	5.7	SFI OHV
R	82-92	L4	151	2.5	TBI OHV
R	97-05	V6	181	3.0	MPFI DOHC
R	76-80	V8	350	5.7	4BC OHV
S	85-89	V6	173	2.8	TBI OHV
S	93-95	V6	207	3.4	MPFI OHV
S	80-81	V6	265	4.3	2BC OHV
S	1983	V8	305	5.0	TBI OHV
S	01-05	V8	346	5.7	SFI OHV
S	77-79	V8	425	7.0	4BC OHV
T	96-02	L4	146	2.4	MPFI DOHC
T	88-94	V6	189	3.1	MPFI OHV
T	82-85	V6	260	4.3	Diesel OHV
T	80-81	V8	301	4.9	4BC/Turbo OHV
T	77-79	V8	425	7.0	EFI OHV
U	85-91	L4	151	2.5	TBI OHV
U	2005	V8	365	6.0	MPFI OHV
V	78-80	L4	151	2.5	2BC OHV
V	89-90	V6	189	3.1	MPFI/Turbo OHV
V	82-84	V6	260	4.3	Diesel OHV
W	85-89	V6	173	2.8	MPFI OHV
W	1993	V6	189	3.1	MPFI OHV
W	94-96	V8	265	4.3	MPFI OHV
W	78-81	V8	301	4.9	4BC OHV
X	81-86	V6	173	2.8	2BC OHV
X	91-97	V6	207	3.4	MPFI DOHC
X	78-80	V8	350	5.7	4BC OHV
Y	93-05	V8	281	4.6	MPFI DOHC
Y	77-79	V8	301	4.9	2BC OHV
Y	80-90	V8	307	5.0	4BC OHV
Z	81-84	V6	173	2.8	2BC OHV
Z	85-93	V6	262	4.2	TBI OHV
Z	76-79	V8	400	6.6	4BC OHV

VIN	Years	Cyl	CID	Liters	Engine Description
0	82-86	L4	112	1.8	TBI SOHC
1	87-89	L4	121	2.0	TBI OHV
1	78-79	L4	151	2.5	2BC OHV
1	82-84	V6	173	2.8	2BC OHV
1	92-05	V6	231	3.8	MPFI/SC OHV
2	87-94	L3	61	1.0	EFI SOHC
2	98-01	L4	79	1.3	MPFI SOHC
2	82-86	L4	151	2.5	TBI OHV
2	78-79	V6	231	3.8	2BC OHV
2	2004	V6	231	3.8	SFI OHV
2	04-05	V6	231	3.8	MPFI OHV
3	92-94	L4	138	2.3	MPFI SOHC
3	78-84	V6	231	3.8	Turbo OHV
3	1990	V8	273	4.5	MPFI OHV
4	85-88	L4	98	1.6	2BC SOHC
4	92-02	L4	134	2.2	MPFI OHV
4	04-05	V6	231	3.8	SFI OHV
4	80-84	V6	252	4.1	4BC OHV
4	78-79	V8	350	5.7	4BC OHV
5	86-88	L3	61	1.0	2BC SOHC
5	88-92	L4	98	1.6	MPFI DOHC
5	80-84	L4	151	2.5	2BC OHV
5	88-89	V8	275	4.5	TBI OHV
6	90-01	L3	61	1.0	TBI SOHC
6	90-93	L4	98	1.6	TBI DOHC
6	2003	L4	134	2.2	MPFI DOHC
6	80-88	V8	350	5.7	4BC OHV
6	80-83	V8	368	6.0	4BC OHV
7	86-89	L4	92	1.5	2BC SOHC
7	91-93	L4	116	1.9	MPFI DOHC
7	1980	V6	173	2.8	2BC OHV
7	04-05	V6	217	3.6	SFI DOHC
7	86-87	V6	231	3.8	SFI/Turbo OHV
7	87-88	V8	252	4.1	EFI OHV
7	1982	V8	305	5.0	2/TBI OHV
7	1983	V8	305	5.0	4BC OHV
7	90-96	V8	350	5.7	TBI OHV
8	92-03	L4	110	1.8	MPFI DOHC

EFI Electronic Fuel Injection  
 FI Fuel Injected  
 MPFI Multi-port Fuel Injection  
 S/C Supercharged  
 SFI Sequential Fuel Injection  
 TBI Throttle Body Injection

# General Motors Car Model Year and Engine Identification



VIN	Years	Cyl	CID	Liters	Engine Description
8	00-05	L4	110	1.8	MPFI DOHC
8	04-05	V6	214	3.5	MPFI OHV
8	1984	V6	231	3.8	4BC/Turbo OHV
8	82-87	V8	252	4.1	EFI OHV
8	1982	V6	260	4.3	2BC OHV
8	89-92	V8	273	4.5	MPFI OHV
8	79-80	V8	350	5.7	4BC OHV
8	1980	V8	350	5.7	EFI OHV
8	82-92	V8	350	5.7	EFI OHV
9	92-97	L4	79	1.3	TBI SOHC

VIN	Years	Cyl	CID	Liters	Engine Description
9	86-89	L4	92	1.5	MPFI/Turbo SOHC
9	80-81	L4	98	1.6	2BC SOHC
9	91-99	L4	116	1.9	TBI SOHC
9	1979	L4	151	2.5	2BC OHV
9	85-88	V6	173	2.8	MPFI OHV
9	83-84	V6	229	3.8	2BC OHV
9	84-85	V6	231	3.8	MPFI/Turbo OHV
9	94-05	V8	281	4.6	MPFI DOHC
9	83-90	V8	307	5.0	4BC OHV
9	80-84	V8	368	6.0	FI OHV

EFI      Electronic Fuel Injection  
 FI        Fuel Injected  
 MPFI    Multi-port Fuel Injection  
 S/C      Supercharged  
 SFI      Sequential Fuel Injection  
 TBI      Throttle Body Injection

# General Motors Truck Model Year and Engine Identification



## 1981-05 Model Years

1G1GZ37H0GR123456	
Engine Code 8 <sup>th</sup> Symbol	Model Year 10 <sup>th</sup> Symbol

## 1978-80 Model Years

2B377AP 100.001	
Engine Code 5 <sup>th</sup> Symbol	Model Year 6 <sup>th</sup> Symbol

Model Year Code			
Code	Year	Code	Year
A or 0	1980	P	1993
B	1981	R	1994
C	1982	S	1995
D	1983	T	1996
E	1984	V	1997
F	1985	W	1998
G	1986	X	1999
H	1987	Y	2000
J	1988	1	2001
K	1989	2	2002
L	1990	3	2003
M	1991	4	2004
N	1992	5	2005

VIN	Years	Cyl	CID	Liters	Engine Description
A	82-85	L4	119	1.9	2BC SOHC
A	00-03	L4	134	2.2	MPFI DOHC
A	92-94	L4	151	2.5	TBI OHV
A	04-05	V8	281	4.6	MPFI OHV
B	82-85	V6	173	2.8	2BC OHV
B	00-03	V6	181	3.0	SFI OHV
B	90-91	V6	262	4.3	TBI OHV
B	2005	V8	325	5.3	MPFI OHV
C	99-03	L4	122	2.0	MPFI DOHC
C	82-94	V8	379	6.2	Diesel OHV
D	00-03	L4	134	2.2	MPFI DOHC
D	90-95	V6	189	3.1	MPFI OHV
D	84-85	L6	250	4.1	2BC OHV
E	85-91	L4	151	2.5	TBI OHV
E	96-03	V6	207	3.4	MPFI OHV
F	81-86	V8	305	5.0	4BC OHV
F	92-05	V8	396	6.5	Diesel OHV
G	79-81	V8	305	5.0	2BC OHV
G	00-05	V8	496	8.1	MPFI OHV
H	03-04	4	134	2.2	MPFI OHV
H	99-04	V6	2494	2.5	MPFI DOHC
H	79-87	V8	305	5.0	4BC OHV
H	88-95	V8	305	5.0	TBI OHV
J	82-93	V8	379	6.2	Diesel OHV
J	96-02	V8	454	7.4	MPFI OHV
K	80-82	V6	229	3.8	2BC OHV
K	88-95	V8	350	5.7	TBI OHV

VIN	Years	Cyl	CID	Liters	Engine Description
L	89-91	L4	239	3.9	Diesel OHV
L	82-86	V8	350	5.7	4BC OHV
M	96-02	V8	305	5.0	MPFI OHV
M	80-89	V8	350	5.7	4BC OHV
N	85-86	V6	262	4.3	4BC OHV
N	82-84	V8	350	5.7	Diesel OHV
N	00-05	V8	364	6.0	MPFI OHV
N	87-96	V8	454	7.4	TBI OHV
P	03-05	V8	325	5.3	MPFI OHV
P	81-83	V8	350	5.7	2BC OHV
P	94-96	V8	396	6.5	Diesel OHV
R	86-93	V6	173	2.8	TBI OHV
R	96-04	V8	350	5.7	TBI OHC
S	82-85	L4	137	2.2	Diesel OHV
S	02-05	6	254	4.2	DOHC
S	94-01	V8	396	6.5	Diesel OHV
T	73-89	L6	292	4.8	1BC OHV
T	99-05	V8	327	5.3	MPFI OHV
U	89-95	L4	97	1.6	TBI SOHC
U	99-05	V8	366	6.0	MPFI OHV
V	99-05	V8	294	4.8	MPFI OHV
W	92-95	V6	262	4.3	CPI OHV
W	96-03	V6	262	4.3	MPFI OHV
W	80-89	V8	454	7.4	4BC OHV
X	96-05	V6	262	4.3	MPFI OHV
Y	94-02	V8	396	6.5	Diesel OHV
Z	00-01	L4	134	2.2	MPFI OHV

- CPI     Center Port Injection
- FFV     Flex Fuel Vehicle
- MPFI    Multi-port Fuel Injection
- SFI     Sequential Fuel Injection
- TBI     Throttle Body Injection

General Motors Truck  
Model Year and Engine Identification



VN	Years	Cyl	CID	Liters	Engine Description
L	92-95	V6	231	3.8	MPFI OHV
Z	02-05	V8	327	5.3	MPFI/FFV OHV
1	01-05	V8	403	6.6	Diesel OHV
4	94-02	L4	134	2.2	MPFI OHV
4	99-03	L4	152	2.5	MPFI DOHC

VN	Years	Cyl	CID	Liters	Engine Description
Z	85-95	V6	262	4.3	TBI OHV
5	00-02	L4	134	2.2	MPFI OHV
6	96-03	L4	98	1.6	MPFI DOHC
9	83-84	V6	229	3.8	2BC OHV

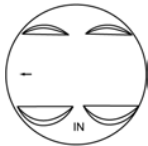
- CPI     Center Port Injection
- FFV     Flex Fuel Vehicle
- MPFI   Multi-port Fuel Injection
- SFI     Sequential Fuel Injection
- TBI     Throttle Body Injection

ENGINE	YEAR	BLOCK
1797 CC (1.8L) DOHC L4 Honda VTEC B18C1	2001-1994	1
1797 CC (1.8L) DOHC L4 Honda VTEC B18C5	2001-2000, 1998-1997	2
2254 CC (2.3L) SOHC L4 Honda VTEC F23A1	1999-1998	3

MODEL	ENGINE	YEAR	BLOCK
CL	2254 CC (2.3L) SOHC L4 3.39" (86.0mm) Honda VTEC F23A1	1999-1998	3
Integra	1797 CC (1.8L) DOHC L4 3.19" (81.0mm) Honda VTEC B18C1	2001-1994	1
Integra	1797 CC (1.8L) DOHC L4 3.19" (81.0mm) Honda VTEC B18C5	2001-2000, 1998-1997	2

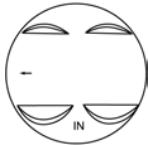
YEAR	VIN	PART NUMBER	SPECS	QTY	RINGS	PIN DIA	COMP HGT
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<b>1</b>	<b>1797 CC (1.8L) DOHC L4 3.19" (81.0mm) Honda VTEC B18C1</b>						<b>1</b>
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2001-1994	-	<b>224-3432</b>	 <p>Material: Aluminum Flat top w/ 4valve reliefs</p> <p>STD, .020", .030"</p>	4	1.00mm 1.20mm 2.80mm	0.8267"	1.185"
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**Piston Ring Sets:** Premium: **41593**

<b>2</b>	<b>1797 CC (1.8L) DOHC L4 3.19" (81.0mm) Honda VTEC B18C5</b>						<b>2</b>
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2001-2000, 1998-1997	-	<b>224-3433</b>	 <p>Material: Aluminum Flat top w/ 4valve reliefs</p> <p>STD, .020", .040"</p>	4	1.00mm 1.20mm 2.80mm	0.8267"	1.192"
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**Piston Ring Sets:** Premium: **41593**

<b>3</b>	<b>2254 CC (2.3L) SOHC L4 3.39" (86.0mm) Honda VTEC F23A1</b>						<b>3</b>
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1999-1998	-	<b>224-3445</b>	 <p>Material: Aluminum Recessed head w/ 4 valve reliefs Recess Depth: 0.118"</p> <p>STD, .020"</p>	4	1.20mm 1.20mm 2.80mm	0.8661"	1.181"
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**Piston Ring Sets:** Premium: **41914**

ENGINE	YEAR	BLOCK
150 CID (2.5L) L4	1984-1983	1
151 CID (2.5L) L4 General Motors Pontiac	1983-1980	2
232 CID (3.8L) L6	1979-1965	3
258 CID (4.2L) L6	1988-1971	4
360 CID (5.9L) V8	1978-1970	5

MODEL	ENGINE	YEAR	BLOCK
Ambassador	232 CID (3.8L) L6 3.75" (95.3mm)	1970-1965	3
Ambassador	258 CID (4.2L) L6 3.75" (95.3mm)	1971	4
Ambassador	360 CID (5.9L) V8 4.08" (103.6mm)	1974-1970	5
American	232 CID (3.8L) L6 3.75" (95.3mm)	1968-1965	3
AMX	258 CID (4.2L) L6 3.75" (95.3mm)	1980-1978	4
AMX	360 CID (5.9L) V8 4.08" (103.6mm)	1974-1970	5
Classic	232 CID (3.8L) L6 3.75" (95.3mm)	1966-1965	3
Concord	151 CID (2.5L) L4 4.00" (101.6mm) General Motors Pontiac	1982-1980	2
Concord	232 CID (3.8L) L6 3.75" (95.3mm)	1979-1978	3
Concord	258 CID (4.2L) L6 3.75" (95.3mm)	1983-1978	4
Eagle	150 CID (2.5L) L4 3.88" (98.5mm)	1984-1983	1
Eagle	151 CID (2.5L) L4 4.00" (101.6mm) General Motors Pontiac	1983-1981	2
Eagle	258 CID (4.2L) L6 3.75" (95.3mm)	1988-1980	4
Gremlin	232 CID (3.8L) L6 3.75" (95.3mm)	1978-1970	3
Gremlin	258 CID (4.2L) L6 3.75" (95.3mm)	1978-1971	4
Hornet	232 CID (3.8L) L6 3.75" (95.3mm)	1977-1970	3
Hornet	258 CID (4.2L) L6 3.75" (95.3mm)	1977-1971	4
Hornet	360 CID (5.9L) V8 4.08" (103.6mm)	1974-1971	5
Javelin	232 CID (3.8L) L6 3.75" (95.3mm)	1974-1968	3
Javelin	258 CID (4.2L) L6 3.75" (95.3mm)	1974-1971	4
Javelin	360 CID (5.9L) V8 4.08" (103.6mm)	1974-1970	5
Marlin	232 CID (3.8L) L6 3.75" (95.3mm)	1967-1966	3
Matador	232 CID (3.8L) L6 3.75" (95.3mm)	1974-1971	3
Matador	258 CID (4.2L) L6 3.75" (95.3mm)	1978-1971	4
Matador	360 CID (5.9L) V8 4.08" (103.6mm)	1978-1971	5
Pacer	232 CID (3.8L) L6 3.75" (95.3mm)	1978-1975	3
Pacer	258 CID (4.2L) L6 3.75" (95.3mm)	1980-1975	4
Rambler	232 CID (3.8L) L6 3.75" (95.3mm)	1969	3
Rebel	232 CID (3.8L) L6 3.75" (95.3mm)	1970-1967	3
Rebel	360 CID (5.9L) V8 4.08" (103.6mm)	1970	5
Spirit	151 CID (2.5L) L4 4.00" (101.6mm) General Motors Pontiac	1982-1980	2
Spirit	232 CID (3.8L) L6 3.75" (95.3mm)	1979	3
Spirit	258 CID (4.2L) L6 3.75" (95.3mm)	1983-1979	4



YEAR

VIN

PART NUMBER



SPECS

QTY



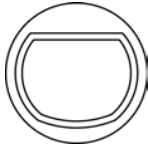
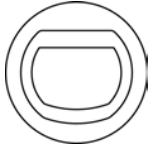
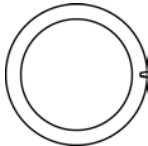
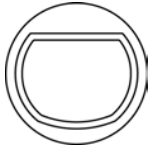
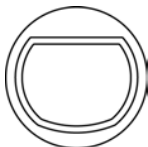
RINGS



PIN DIA



COMP HGT

1	150 CID (2.5L) L4 3.88" (98.5mm)				1	
1984-1983	U	<b>224-2322</b>		Material: Aluminum Recessed Head Oval Shaped Recess Depth: 0.096" D Shaped Head Recess	4 5/64" 5/64" 3/16"	0.931" 1.581"
			STD, .020", .030", .040", .060"	Pin Hole Location: Offset		
				<b>Piston Ring Sets:</b>	Cast Iron: <b>50452CP</b> Premium: <b>40452CP</b>	
1984-1983	U	<b>224-3555</b>		Material: Aluminum D Shaped Head Recess Recess Depth: 0.100"	4 5/64" 5/64" 3/16"	0.931" 1.581"
			STD, .020", .030", .040", .060"	Pin Hole Location: Offset		
				<b>Piston Ring Sets:</b>	Cast Iron: <b>50452CP</b> Premium: <b>40452CP</b>	
2	151 CID (2.5L) L4 4.00" (101.6mm) General Motors Pontiac				2	
1983-1980	B	<b>224-2141</b>		Material: Aluminum Recessed Head Recess Depth: 0.226" Recess Diameter: 3.070" Shallow groove. Low Tension rings.	4 1/16" 5/64" 3/16"	0.9273" 1.570"
			STD, .020", .030", .040", .060"	Pin Hole Location: Offset		
<b>Notes:</b>				<b>Piston Ring Sets:</b>	Cast Iron: <b>51559CP</b> Premium: <b>41559CP</b>	
Replace in Complete Sets For Cars with VIN B: Shallow Groove with Low Tension Rings						
3	232 CID (3.8L) L6 3.75" (95.3mm)				3	
1979-1970	E	<b>224-1715</b>		Material: Aluminum D Shape Recessed Head Recess Depth: 0.120" Replace in full sets only.	6 5/64" 5/64" 3/16"	0.931" 1.581"
1970	G					
1969-1968	C					
1969-1968	B					
1967-1965	-					
			STD, .020", .030", .040", .060"	Pin Hole Location: Offset		
				<b>Piston Ring Sets:</b>	Cast Iron: <b>50668CP</b> Premium: <b>40668CP</b>	
4	258 CID (4.2L) L6 3.75" (95.3mm)				4	
1979-1976	C	<b>224-1715</b>		Material: Aluminum D Shape Recessed Head Recess Depth: 0.120" Replace in full sets only.	6 5/64" 5/64" 3/16"	0.931" 1.581"
1979-1971	A					
			STD, .020", .030", .040", .060"	Pin Hole Location: Offset		
<b>Notes:</b>				<b>Piston Ring Sets:</b>	Cast Iron: <b>50668CP</b> Premium: <b>40668CP</b>	
For Cars: with 1 Barrel Carburetor						

# AMERICAN MOTORS



YEAR

VIN

PART NUMBER



SPECS

QTY



RINGS

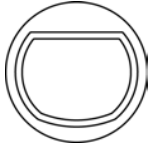


PIN DIA



COMP HGT

## 4 (cont.) 258 CID (4.2L) L6 3.75" (95.3mm) 4 (cont.)

1988-1979	C	<b>224-2158</b>		Material: Aluminum	6	5/64"	0.931"	1.630"
1979	A			Recessed Head Rectangular Recess Depth: 0.185"			5/64" 3/16"	

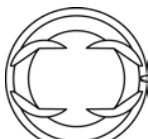
STD, .020", .030", .040", .060"

Pin Hole Location: Offset

**Notes:** For Cars: with 2 Barrel Carburetor

**Piston Ring Sets:** Cast Iron: **50668CP**  
Premium: **40668CP**

## 5 360 CID (5.9L) V8 4.08" (103.6mm) 5

1978-1970	N	<b>224-2234</b>		Material: Aluminum	8	2.00mm	0.931"	1.58"
1976-1970	P			Recessed Head w/4 Valve Reliefs Recess Depth: 0.19" Recess Diameter: 3.600"			2.00mm 5.00mm	

STD, .020", .030", .040", .060"

**Notes:** For Cars: with 2 Barrel Carburetor

**Piston Ring Sets:** Cast Iron: **50785**  
Premium: **40785**

# CHECKER MOTORS

ENGINE	YEAR	BLOCK
250 CID (4.1L) L6 General Motors Chevrolet	1979-1969	1
283 CID (4.6L) V8 General Motors Chevrolet	1966-1965	2
305 CID (5.0L) V8 General Motors Chevrolet	1981-1978	3
307 CID (5.0L) V8 General Motors Chevrolet	1968	4
327 CID (5.4L) V8 General Motors Chevrolet	1969-1965	5
350 CID (5.7L) V8 General Motors Chevrolet	1979-1969	6

MODEL	ENGINE	YEAR	BLOCK
Deluxe	250 CID (4.1L) L6 3.88" (98.4mm) General Motors Chevrolet	1969	1
Deluxe	327 CID (5.4L) V8 4.00" (101.6mm) General Motors Chevrolet	1969	5
Deluxe	350 CID (5.7L) V8 4.00" (101.6mm) General Motors Chevrolet	1969	6
Marathon	250 CID (4.1L) L6 3.88" (98.4mm) General Motors Chevrolet	1979-1969	1
Marathon	283 CID (4.6L) V8 3.88" (98.6mm) General Motors Chevrolet	1966-1965	2
Marathon	305 CID (5.0L) V8 3.74" (94.9mm) General Motors Chevrolet	1981-1978	3
Marathon	307 CID (5.0L) V8 3.88" (98.6mm) General Motors Chevrolet	1968	4
Marathon	327 CID (5.4L) V8 4.00" (101.6mm) General Motors Chevrolet	1969-1965	5
Marathon	350 CID (5.7L) V8 4.00" (101.6mm) General Motors Chevrolet	1979-1969	6

# CHECKER MOTORS



YEAR

VIN

PART NUMBER



SPECS

QTY



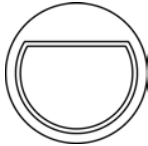

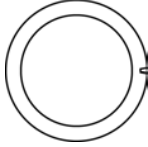
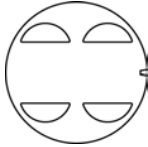
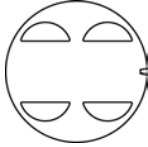
RINGS



PIN DIA



COMP HGT

1	250 CID (4.1L) L6 3.88" (98.4mm) General Motors Chevrolet				1	
1979-1969	-	<b>224-1658</b>		Material: Aluminum D Shape Recessed Head Recess Depth: 0.060"	6 5/64" 5/64" 3/16"	0.9273" 1.640"
			STD, .020", .030", .040", .060"	Pin Hole Location: Offset		
				<b>Piston Ring Sets:</b>	Cast Iron: <b>50514CP</b> Premium: <b>40514CP</b>	
2	283 CID (4.6L) V8 3.88" (98.6mm) General Motors Chevrolet				2	
1966-1965	-	<b>224-1544</b>		Material: Aluminum Flat Head w/4 Valve Reliefs	8 5/64" 5/64" 3/16"	0.9273" 1.779"
			STD, .020", .030", .040", .060"	Pin Hole Location: Offset		
<b>Notes:</b> For Cars: with 2 Barrel Carburetor				<b>Piston Ring Sets:</b>	Cast Iron: <b>50076CP</b> Premium: <b>40076CP</b>	
3	305 CID (5.0L) V8 3.74" (94.9mm) General Motors Chevrolet				3	
1981-1978	-	<b>224-2012</b>		Material: Aluminum Recessed Head Recess Depth: 0.090" Recess Diameter: 3.160"	8 5/64" 5/64" 3/16"	0.9273" 1.540"
			STD, .020", .030", .040", .060"	Pin Hole Location: Offset		
<b>Notes:</b> For Cars: Except High Output Engine				<b>Piston Ring Sets:</b>	Cast Iron: <b>51137CP</b> Premium: <b>41137CP</b>	
4	307 CID (5.0L) V8 3.88" (98.6mm) General Motors Chevrolet				4	
1968	-	<b>224-1737</b>		Material: Aluminum Flat Head w/4 Valve Reliefs	8 5/64" 5/64" 3/16"	0.9273" 1.655"
			STD, .030", .040", .060"	Pin Hole Location: Offset		
				<b>Piston Ring Sets:</b>	Cast Iron: <b>50076CP</b> Premium: <b>40076CP</b>	
5	327 CID (5.4L) V8 4.00" (101.6mm) General Motors Chevrolet				5	
1969-1965	-	<b>224-1527</b>		Material: Aluminum Flat Head w/4 Valve Reliefs	8 5/64" 5/64" 3/16"	0.9273" 1.654"
			STD, .020", .030", .040", .060"	Pin Hole Location: Offset		
				<b>Piston Ring Sets:</b>	Cast Iron: <b>50564CP</b> Premium: <b>40564CP</b>	



YEAR

VIN

PART NUMBER



SPECS

QTY



RINGS




PIN DIA



COMP HGT

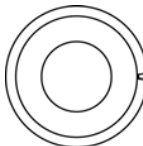
**5 (cont.) 327 CID (5.4L) V8 4.00" (101.6mm) General Motors Chevrolet 5 (cont.)**

1969-1965	-	<b>224-1885</b>		Material: Aluminum	8	5/64"	0.9273"	1.655"
				Recessed Head w/2 Valve Reliefs In Recess		5/64"		
				Recess Depth: 0.065"		3/16"		
				Recess Diameter: 3.150"				
				STD, .030", .040", .060"				Pin Hole Location: Center

**Notes:** For Cars: Except High Performance


**Piston Ring Sets:** Cast Iron: **50564CP**  
Premium: **40564CP**

**6 350 CID (5.7L) V8 4.00" (101.6mm) General Motors Chevrolet 6**


1979-1971	-	<b>224-2517</b>		Material: Aluminum	8	5/64"	0.9273"	1.540"
				Recessed Head		5/64"		
				Recess Depth: 0.270"		3/16"		
				Recess Diameter: 3.300"				
				For use with 305 heads.				Pin Hole Location: Offset
				STD, .020", .030", .040", .060"				

**Notes:** For Cars from 1971 to 1979: Replace in Complete Sets

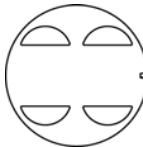
**Piston Ring Sets:** Cast Iron: **50564CP**  
Premium: **40564CP**

1979-1971	-	<b>224-3543</b>		Material: Hypereutectic	8	5/64"	0.9279"	1.55"
				Casting Number: 101L63		5/64"		
				Recessed head w/ 4 valve reliefs		3/16"		
				Recess Depth: 0.1023"				
				Recess Diameter: 2.767"				
				Coated skirts. Replace in Full sets only				Pin Hole Location: Offset
				STD, .020", .030", .040", .060"				

**Piston Ring Sets:** Cast Iron: **50564CP**  
Premium: **40564CP**

1979-1971	-	<b>224-3544</b>		Material: Hypereutectic	8	5/64"	0.9279"	1.55"
				Casting Number: 101L63		5/64"		
				Recessed head w/ 4 valve reliefs		3/16"		
				Recess Depth: 0.1023"				
				Recess Diameter: 2.767"				
				Replace in Full Sets only				Pin Hole Location: Offset
				STD, .020", .030", .040", .060"				

**Piston Ring Sets:** Cast Iron: **50564CP**  
Premium: **40564CP**

1979-1969	-	<b>224-3547</b>		Material: Hypereutectic	8	5/64"	0.9279"	1.55"
				Casting Number: 101L63		5/64"		
				Flat w/ 4 valve reliefs		3/16"		
				Coated skirts				
				STD, .020", .030", .040", .060"				Pin Hole Location: Offset

**Piston Ring Sets:** Cast Iron: **50564CP**  
Premium: **40564CP**

# CHECKER MOTORS



YEAR

VIN

PART NUMBER



SPECS



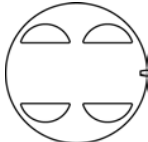
RINGS



PIN DIA



COMP HGT

6 (cont.)		350 CID (5.7L) V8 4.00" (101.6mm) General Motors Chevrolet					6 (cont.)	
1979-1969	-	<b>224-3548</b>		Material: Hypereutectic Casting Number: 101L63  Flat w/ 4 valve reliefs	8	5/64" 5/64" 3/16"	0.9279"	1.55"
							Pin Hole Location: Offset	
							Piston Ring Sets: Cast Iron: <b>50564CP</b> Premium: <b>40564CP</b>	

STD, .020", .030", .040", .060"

# CHRYSLER

ENGINE	YEAR	BLOCK
107 CID (1.8L) SOHC L4 Mitsubishi	1994-1989	1
122 CID (2.0L) SOHC L4	2003-1995	2
122 CID (2.0L) DOHC L4	1999-1995	3
135 CID (2.2L) SOHC L4 HO	1987-1986	4
135 CID (2.2L) SOHC L4	1993-1986	5
2351 CC (2.4L) SOHC L4 Mitsubishi	1994-1992	6
148 CID (2.4L) DOHC L4	2000-1995	7
153 CID (2.5L) SOHC L4	1995-1989	8
167 CID (2.7L) DOHC V6	2005-1998	9
170 CID (2.8L) L6 N/A	1969-1960	10
181 CID (3.0L) SOHC V6 Mitsubishi	1992-1988	11
197 CID (3.2L) SOHC V6	2001-1998	12
198 CID (3.2L) L6	1974-1970	13
201 CID (3.3L) V6	1997-1990	14
215 CID (3.5L) SOHC V6	2004-1999, 1997-1993	15
218 CID (3.6L) L-HEAD L6	1954-1949	16
225 CID (3.7L) L6	1983-1960	17
230 CID (3.8L) L-HEAD L6	1959-1946	18
230 CID (3.8L) V6	1993-1991	19
318 CID (5.2L) V8	1989-1968	20
340 CID (5.6L) V8	1971-1968	21
360 CID (5.9L) V8	1980-1971	22
383 CID (6.3L) V8	1971-1959	23
400 CID (6.6L) V8	1978-1972	24
440 CID (7.2L) V8	1978-1968	25

MODEL	ENGINE	YEAR	BLOCK
300	167 CID (2.7L) DOHC V6 3.39" (86.0mm)	2005	9
300	383 CID (6.3L) V8 4.25" (108.0mm)	1966-1962	23
300	440 CID (7.2L) V8 4.32" (109.7mm)	1971-1968	25
300M	215 CID (3.5L) SOHC V6 3.78" (96.0mm)	2004-1999	15
330	225 CID (3.7L) L6 3.40" (86.4mm)	1964-1963	17
330	383 CID (6.3L) V8 4.25" (108.0mm)	1964	23

MODEL	ENGINE	YEAR	BLOCK
440	225 CID (3.7L) L6 3.40" (86.4mm)	1964-1963	17
440	383 CID (6.3L) V8 4.25" (108.0mm)	1964	23
600	135 CID (2.2L) SOHC L4 3.44" (87.5mm)	1988-1986	5
880	383 CID (6.3L) V8 4.25" (108.0mm)	1964-1963	23
Acclaim	135 CID (2.2L) SOHC L4 3.44" (87.5mm)	1989	5
Acclaim	153 CID (2.5L) SOHC L4 3.44" (87.4mm)	1995-1989	8
Acclaim	181 CID (3.0L) SOHC V6 3.59" (91.1mm) Mitsubishi	1992-1989	11
Adventurer	383 CID (6.3L) V8 4.25" (108.0mm)	1960-1959	23
Aries	135 CID (2.2L) SOHC L4 3.44" (87.5mm)	1989-1986	5
Aries	153 CID (2.5L) SOHC L4 3.44" (87.4mm)	1989	8
Aspen	225 CID (3.7L) L6 3.40" (86.4mm)	1980-1976	17
Aspen	318 CID (5.2L) V8 3.91" (99.3mm)	1980-1976	20
Aspen	360 CID (5.9L) V8 4.00" (101.6mm)	1980-1976	22
Avenger	122 CID (2.0L) DOHC L4 3.45" (87.5mm)	1999-1995	3
Barracuda	170 CID (2.8L) L6 3.40" (86.4mm)	1966	10
Barracuda	198 CID (3.2L) L6 3.40" (86.4mm)	1971-1970	13
Barracuda	225 CID (3.7L) L6 3.40" (86.4mm)	1972-1964	17
Barracuda	318 CID (5.2L) V8 3.91" (99.3mm)	1974-1968	20
Barracuda	340 CID (5.6L) V8 4.04" (102.6mm)	1969-1968	21
Barracuda	360 CID (5.9L) V8 4.00" (101.6mm)	1974	22
Barracuda	383 CID (6.3L) V8 4.25" (108.0mm)	1971-1967	23
Belvedere	218 CID (3.6L) L-HEAD L6 3.25" (82.6mm)	1954-1953	16
Belvedere	225 CID (3.7L) L6 3.40" (86.4mm)	1970-1960	17
Belvedere	230 CID (3.8L) L-HEAD L6 3.25" (82.6mm)	1959-1954	18
Belvedere	318 CID (5.2L) V8 3.91" (99.3mm)	1970-1968	20
Belvedere	383 CID (6.3L) V8 4.25" (108.0mm)	1970-1960	23
Belvedere II	225 CID (3.7L) L6 3.40" (86.4mm)	1967-1965	17
Belvedere II	383 CID (6.3L) V8 4.25" (108.0mm)	1967-1965	23
Breeze	122 CID (2.0L) SOHC L4 3.45" (87.5mm)	2000-1996	2
Breeze	148 CID (2.4L) DOHC L4 3.44" (87.5mm)	2000-1996	7
Cambridge	218 CID (3.6L) L-HEAD L6 3.25" (82.6mm)	1953-1951	16
Caravelle	135 CID (2.2L) SOHC L4 3.44" (87.5mm)	1988-1986	5
Caravelle	225 CID (3.7L) L6 3.40" (86.4mm)	1983-1978	17
Caravelle	318 CID (5.2L) V8 3.91" (99.3mm)	1989-1978	20
Caravelle	360 CID (5.9L) V8 4.00" (101.6mm)	1979-1978	22
Challenger	198 CID (3.2L) L6 3.40" (86.4mm)	1971-1970	13
Challenger	225 CID (3.7L) L6 3.40" (86.4mm)	1972-1970	17
Challenger	318 CID (5.2L) V8 3.91" (99.3mm)	1974-1970	20
Challenger	340 CID (5.6L) V8 4.04" (102.6mm)	1971-1970	21
Challenger	360 CID (5.9L) V8 4.00" (101.6mm)	1974	22
Challenger	383 CID (6.3L) V8 4.25" (108.0mm)	1971-1970	23
Challenger	440 CID (7.2L) V8 4.32" (109.7mm)	1971-1970	25
Charger	135 CID (2.2L) SOHC L4 3.44" (87.5mm)	1987-1986	5
Charger	225 CID (3.7L) L6 3.40" (86.4mm)	1976, 1974-1968	17
Charger	318 CID (5.2L) V8 3.91" (99.3mm)	1978-1968	20
Charger	340 CID (5.6L) V8 4.04" (102.6mm)	1971	21
Charger	360 CID (5.9L) V8 4.00" (101.6mm)	1978-1974	22
Charger	383 CID (6.3L) V8 4.25" (108.0mm)	1971-1966	23
Charger	400 CID (6.6L) V8 4.34" (110.2mm)	1978-1972	24
Charger	440 CID (7.2L) V8 4.32" (109.7mm)	1974-1968	25
Cirrus	122 CID (2.0L) SOHC L4 3.45" (87.5mm)	2000	2
Cirrus	148 CID (2.4L) DOHC L4 3.44" (87.5mm)	2000, 1997-1995	7
Colt	107 CID (1.8L) SOHC L4 3.17" (80.6mm) Mitsubishi	1990-1989	1
Colt	2351 CC (2.4L) SOHC L4 3.41" (86.5mm) Mitsubishi	1994-1992	6
Concord	218 CID (3.6L) L-HEAD L6 3.25" (82.6mm)	1952-1951	16


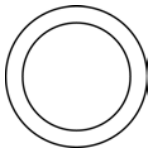
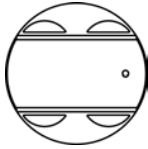
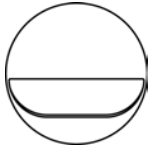
MODEL	ENGINE	YEAR	BLOCK
Concorde	167 CID (2.7L) DOHC V6 3.39" (86.0mm)	2004-1998	9
Concorde	197 CID (3.2L) SOHC V6 3.62" (92.0mm)	2001-1998	12
Concorde	201 CID (3.3L) V6 3.66" (93.0mm)	1996-1993	14
Concorde	215 CID (3.5L) SOHC V6 3.78" (96.0mm)	2004-2002, 1997-1993	15
Cordoba	225 CID (3.7L) L6 3.40" (86.4mm)	1983-1980	17
Cordoba	318 CID (5.2L) V8 3.91" (99.3mm)	1983-1975	20
Cordoba	360 CID (5.9L) V8 4.00" (101.6mm)	1980-1975	22
Cordoba	400 CID (6.6L) V8 4.34" (110.2mm)	1978-1975	24
Coronet	225 CID (3.7L) L6 3.40" (86.4mm)	1976-1965	17
Coronet	230 CID (3.8L) L-HEAD L6 3.25" (82.6mm)	1959-1949	18
Coronet	318 CID (5.2L) V8 3.91" (99.3mm)	1976-1968	20
Coronet	360 CID (5.9L) V8 4.00" (101.6mm)	1976-1973	22
Coronet	383 CID (6.3L) V8 4.25" (108.0mm)	1971-1965, 1959	23
Coronet	400 CID (6.6L) V8 4.34" (110.2mm)	1976-1972	24
Coronet	440 CID (7.2L) V8 4.32" (109.7mm)	1976-1972, 1970-1968	25
Cranbrook	218 CID (3.6L) L-HEAD L6 3.25" (82.6mm)	1953-1951	16
Cuda	318 CID (5.2L) V8 3.91" (99.3mm)	1974-1972	20
Cuda	340 CID (5.6L) V8 4.04" (102.6mm)	1971-1970	21
Cuda	360 CID (5.9L) V8 4.00" (101.6mm)	1974	22
Cuda	383 CID (6.3L) V8 4.25" (108.0mm)	1971-1970	23
Cuda	440 CID (7.2L) V8 4.32" (109.7mm)	1971-1970	25
Custom	225 CID (3.7L) L6 3.40" (86.4mm)	1961-1960	17
Custom	230 CID (3.8L) L-HEAD L6 3.25" (82.6mm)	1948-1946	18
Custom	383 CID (6.3L) V8 4.25" (108.0mm)	1965-1959	23
Dart	170 CID (2.8L) L6 3.40" (86.4mm)	1969-1961	10
Dart	198 CID (3.2L) L6 3.40" (86.4mm)	1974-1970	13
Dart	225 CID (3.7L) L6 3.40" (86.4mm)	1976-1960	17
Dart	318 CID (5.2L) V8 3.91" (99.3mm)	1976-1968	20
Dart	340 CID (5.6L) V8 4.04" (102.6mm)	1971-1968	21
Dart	360 CID (5.9L) V8 4.00" (101.6mm)	1976-1974	22
Dart	383 CID (6.3L) V8 4.25" (108.0mm)	1969-1960	23
Daytona	135 CID (2.2L) SOHC L4 3.44" (87.5mm)	1989-1986	5
Daytona	153 CID (2.5L) SOHC L4 3.44" (87.4mm)	1993-1989	8
Daytona	181 CID (3.0L) SOHC V6 3.59" (91.1mm) Mitsubishi	1992-1990	11
Deluxe	218 CID (3.6L) L-HEAD L6 3.25" (82.6mm)	1950-1949	16
Deluxe	230 CID (3.8L) L-HEAD L6 3.25" (82.6mm)	1948-1946	18
Diplomat	225 CID (3.7L) L6 3.40" (86.4mm)	1983-1978	17
Diplomat	318 CID (5.2L) V8 3.91" (99.3mm)	1989-1977	20
Diplomat	360 CID (5.9L) V8 4.00" (101.6mm)	1979-1978	22
Duster	198 CID (3.2L) L6 3.40" (86.4mm)	1974-1970	13
Duster	225 CID (3.7L) L6 3.40" (86.4mm)	1976-1970	17
Duster	318 CID (5.2L) V8 3.91" (99.3mm)	1976-1970	20
Duster	340 CID (5.6L) V8 4.04" (102.6mm)	1971-1970	21
Duster	360 CID (5.9L) V8 4.00" (101.6mm)	1976-1974	22
Dynasty	153 CID (2.5L) SOHC L4 3.44" (87.4mm)	1993-1989	8
Dynasty	181 CID (3.0L) SOHC V6 3.59" (91.1mm) Mitsubishi	1992-1988	11
Dynasty	201 CID (3.3L) V6 3.66" (93.0mm)	1993-1990	14
Expo	135 CID (2.2L) SOHC L4 3.44" (87.5mm)	1989-1987	5
Fifth Avenue	225 CID (3.7L) L6 3.40" (86.4mm)	1983	17
Fifth Avenue	318 CID (5.2L) V8 3.91" (99.3mm)	1989-1983	20
Firedome	383 CID (6.3L) V8 4.25" (108.0mm)	1959	23
Fireflite	383 CID (6.3L) V8 4.25" (108.0mm)	1959	23
Fleet Special	225 CID (3.7L) L6 3.40" (86.4mm)	1963-1960	17
Fleet Special	383 CID (6.3L) V8 4.25" (108.0mm)	1963-1960	23

MODEL	ENGINE	YEAR	BLOCK
Fury	225 CID (3.7L) L6 3.40" (86.4mm)	1978-1975, 1971-1968 1961-1960	17
Fury	230 CID (3.8L) L-HEAD L6 3.25" (82.6mm)	1959-1956	18
Fury	318 CID (5.2L) V8 3.91" (99.3mm)	1978-1975, 1973-1968	20
Fury	360 CID (5.9L) V8 4.00" (101.6mm)	1978-1971	22
Fury	383 CID (6.3L) V8 4.25" (108.0mm)	1971-1960	23
Fury	400 CID (6.6L) V8 4.34" (110.2mm)	1978-1972	24
Fury	440 CID (7.2L) V8 4.32" (109.7mm)	1978-1977, 1975-1968	25
Fury I	225 CID (3.7L) L6 3.40" (86.4mm)	1973-1968	17
Fury I	318 CID (5.2L) V8 3.91" (99.3mm)	1973-1968	20
Fury I	360 CID (5.9L) V8 4.00" (101.6mm)	1974-1971	22
Fury I	383 CID (6.3L) V8 4.25" (108.0mm)	1971-1968	23
Fury I	400 CID (6.6L) V8 4.34" (110.2mm)	1974-1972	24
Fury I	440 CID (7.2L) V8 4.32" (109.7mm)	1973-1968	25
Fury II	225 CID (3.7L) L6 3.40" (86.4mm)	1971-1965	17
Fury II	318 CID (5.2L) V8 3.91" (99.3mm)	1973-1968	20
Fury II	360 CID (5.9L) V8 4.00" (101.6mm)	1974-1971	22
Fury II	383 CID (6.3L) V8 4.25" (108.0mm)	1971-1968, 1966-1965	23
Fury II	400 CID (6.6L) V8 4.34" (110.2mm)	1974-1972	24
Fury II	440 CID (7.2L) V8 4.32" (109.7mm)	1974-1968	25
Fury III	225 CID (3.7L) L6 3.40" (86.4mm)	1971-1965	17
Fury III	318 CID (5.2L) V8 3.91" (99.3mm)	1973-1968	20
Fury III	360 CID (5.9L) V8 4.00" (101.6mm)	1974-1971	22
Fury III	383 CID (6.3L) V8 4.25" (108.0mm)	1971-1965	23
Fury III	400 CID (6.6L) V8 4.34" (110.2mm)	1974-1972	24
Fury III	440 CID (7.2L) V8 4.32" (109.7mm)	1974-1968	25
Gran Fury	225 CID (3.7L) L6 3.40" (86.4mm)	1983-1980	17
Gran Fury	318 CID (5.2L) V8 3.91" (99.3mm)	1989-1980, 1977-1975 1973-1972	20
Gran Fury	360 CID (5.9L) V8 4.00" (101.6mm)	1980, 1977-1972	22
Gran Fury	400 CID (6.6L) V8 4.34" (110.2mm)	1977-1972	24
Gran Fury	440 CID (7.2L) V8 4.32" (109.7mm)	1977-1972	25
GTX	318 CID (5.2L) V8 3.91" (99.3mm)	1968	20
GTX	383 CID (6.3L) V8 4.25" (108.0mm)	1968-1967	23
GTX	440 CID (7.2L) V8 4.32" (109.7mm)	1971-1968	25
Horizon	135 CID (2.2L) SOHC L4 3.44" (87.5mm) HO	1986	4
Horizon	135 CID (2.2L) SOHC L4 3.44" (87.5mm)	1990-1986	5
Imperial	201 CID (3.3L) V6 3.66" (93.0mm)	1991-1990	14
Imperial	230 CID (3.8L) V6 3.78" (96.0mm)	1993-1991	19
Imperial	318 CID (5.2L) V8 3.91" (99.3mm)	1983-1981	20
Imperial	440 CID (7.2L) V8 4.32" (109.7mm)	1975-1968	25
Intrepid	167 CID (2.7L) DOHC V6 3.39" (86.0mm)	2004-1998	9
Intrepid	197 CID (3.2L) SOHC V6 3.62" (92.0mm)	2001-1998	12
Intrepid	201 CID (3.3L) V6 3.66" (93.0mm)	1997-1993	14
Intrepid	215 CID (3.5L) SOHC V6 3.78" (96.0mm)	2004-2001, 1997-1993	15
Lancer	135 CID (2.2L) SOHC L4 3.44" (87.5mm)	1989-1986	5
Lancer	153 CID (2.5L) SOHC L4 3.44" (87.4mm)	1989	8
Lancer	170 CID (2.8L) L6 3.40" (86.4mm)	1962-1961	10
Lancer	225 CID (3.7L) L6 3.40" (86.4mm)	1962-1961	17
Laser	107 CID (1.8L) SOHC L4 3.17" (80.6mm) Mitsubishi	1994-1990	1
Laser	135 CID (2.2L) SOHC L4 3.44" (87.5mm)	1986	5
LeBaron	135 CID (2.2L) SOHC L4 3.44" (87.5mm)	1989-1986	5
LeBaron	153 CID (2.5L) SOHC L4 3.44" (87.4mm)	1993-1989	8
LeBaron	181 CID (3.0L) SOHC V6 3.59" (91.1mm) Mitsubishi	1992-1990	11
LeBaron	225 CID (3.7L) L6 3.40" (86.4mm)	1981-1978	17

MODEL	ENGINE	YEAR	BLOCK
LeBaron	318 CID (5.2L) V8 3.91" (99.3mm)	1981-1977	20
LeBaron	360 CID (5.9L) V8 4.00" (101.6mm)	1979-1978	22
LHS	215 CID (3.5L) SOHC V6 3.78" (96.0mm)	2001-1999, 1997-1994	15
Magnum	318 CID (5.2L) V8 3.91" (99.3mm)	1979-1978	20
Magnum	360 CID (5.9L) V8 4.00" (101.6mm)	1979-1978	22
Magnum	400 CID (6.6L) V8 4.34" (110.2mm)	1978	24
Matador	383 CID (6.3L) V8 4.25" (108.0mm)	1960	23
Meadowbrook	230 CID (3.8L) L-HEAD L6 3.25" (82.6mm)	1954-1949	18
Mirada	225 CID (3.7L) L6 3.40" (86.4mm)	1983-1980	17
Mirada	318 CID (5.2L) V8 3.91" (99.3mm)	1983-1980	20
Mirada	360 CID (5.9L) V8 4.00" (101.6mm)	1980	22
Monaco	225 CID (3.7L) L6 3.40" (86.4mm)	1978-1977	17
Monaco	318 CID (5.2L) V8 3.91" (99.3mm)	1978-1975, 1970-1968	20
Monaco	360 CID (5.9L) V8 4.00" (101.6mm)	1978-1971	22
Monaco	383 CID (6.3L) V8 4.25" (108.0mm)	1971-1965	23
Monaco	400 CID (6.6L) V8 4.34" (110.2mm)	1978-1972	24
Monaco	440 CID (7.2L) V8 4.32" (109.7mm)	1978-1968	25
Neon	122 CID (2.0L) SOHC L4 3.45" (87.5mm)	2003-1995	2
Neon	122 CID (2.0L) DOHC L4 3.45" (87.5mm)	1999-1995	3
New Yorker	181 CID (3.0L) SOHC V6 3.59" (91.1mm) Mitsubishi	1990-1988	11
New Yorker	201 CID (3.3L) V6 3.66" (93.0mm)	1993-1990	14
New Yorker	215 CID (3.5L) SOHC V6 3.78" (96.0mm)	1996-1994	15
New Yorker	225 CID (3.7L) L6 3.40" (86.4mm)	1982	17
New Yorker	230 CID (3.8L) V6 3.78" (96.0mm)	1993-1991	19
New Yorker	318 CID (5.2L) V8 3.91" (99.3mm)	1982-1979	20
New Yorker	360 CID (5.9L) V8 4.00" (101.6mm)	1980-1977	22
New Yorker	400 CID (6.6L) V8 4.34" (110.2mm)	1978-1975, 1972	24
New Yorker	440 CID (7.2L) V8 4.32" (109.7mm)	1978-1968	25
Newport	225 CID (3.7L) L6 3.40" (86.4mm)	1981-1979	17
Newport	318 CID (5.2L) V8 3.91" (99.3mm)	1981-1979	20
Newport	360 CID (5.9L) V8 4.00" (101.6mm)	1980-1974, 1972-1971	22
Newport	383 CID (6.3L) V8 4.25" (108.0mm)	1971-1965	23
Newport	400 CID (6.6L) V8 4.34" (110.2mm)	1978-1972	24
Newport	440 CID (7.2L) V8 4.32" (109.7mm)	1978-1968	25
Omni	135 CID (2.2L) SOHC L4 3.44" (87.5mm) HO	1987	4
Omni	135 CID (2.2L) SOHC L4 3.44" (87.5mm)	1990-1986	5
Plaza	218 CID (3.6L) L-HEAD L6 3.25" (82.6mm)	1954	16
Plaza	230 CID (3.8L) L-HEAD L6 3.25" (82.6mm)	1958-1954	18
Polara	170 CID (2.8L) L6 3.40" (86.4mm)	1964-1963	10
Polara	225 CID (3.7L) L6 3.40" (86.4mm)	1971-1970, 1964-1963	17
Polara	318 CID (5.2L) V8 3.91" (99.3mm)	1973-1968	20
Polara	360 CID (5.9L) V8 4.00" (101.6mm)	1973-1971	22
Polara	383 CID (6.3L) V8 4.25" (108.0mm)	1971-1963, 1961-1960	23
Polara	400 CID (6.6L) V8 4.34" (110.2mm)	1973-1972	24
Polara	440 CID (7.2L) V8 4.32" (109.7mm)	1973-1968	25
Prowler	215 CID (3.5L) SOHC V6 3.78" (96.0mm)	2002-1999, 1997	15
Reliant	135 CID (2.2L) SOHC L4 3.44" (87.5mm)	1989-1986	5
Reliant	153 CID (2.5L) SOHC L4 3.44" (87.4mm)	1989	8
Roadrunner	318 CID (5.2L) V8 3.91" (99.3mm)	1975-1972, 1968	20
Roadrunner	340 CID (5.6L) V8 4.04" (102.6mm)	1971	21
Roadrunner	360 CID (5.9L) V8 4.00" (101.6mm)	1975-1974	22
Roadrunner	383 CID (6.3L) V8 4.25" (108.0mm)	1971-1968	23
Roadrunner	400 CID (6.6L) V8 4.34" (110.2mm)	1975-1972	24
Roadrunner	440 CID (7.2L) V8 4.32" (109.7mm)	1974-1969	25
Royal	383 CID (6.3L) V8 4.25" (108.0mm)	1959	23

MODEL	ENGINE	YEAR	BLOCK
Royal Monaco	318 CID (5.2L) V8 3.91" (99.3mm)	1977, 1975	20
Royal Monaco	360 CID (5.9L) V8 4.00" (101.6mm)	1977-1975	22
Royal Monaco	400 CID (6.6L) V8 4.34" (110.2mm)	1977-1975	24
Royal Monaco	440 CID (7.2L) V8 4.32" (109.7mm)	1977-1975	25
Saratoga	383 CID (6.3L) V8 4.25" (108.0mm)	1960-1959	23
Satellite	225 CID (3.7L) L6 3.40" (86.4mm)	1974-1970, 1967-1966	17
Satellite	318 CID (5.2L) V8 3.91" (99.3mm)	1974-1968	20
Satellite	360 CID (5.9L) V8 4.00" (101.6mm)	1974	22
Satellite	383 CID (6.3L) V8 4.25" (108.0mm)	1971-1965	23
Satellite	400 CID (6.6L) V8 4.34" (110.2mm)	1974-1972	24
Satellite	440 CID (7.2L) V8 4.32" (109.7mm)	1974	25
Savoy	218 CID (3.6L) L-HEAD L6 3.25" (82.6mm)	1954-1953	16
Savoy	225 CID (3.7L) L6 3.40" (86.4mm)	1964-1960	17
Savoy	230 CID (3.8L) L-HEAD L6 3.25" (82.6mm)	1959-1954	18
Savoy	383 CID (6.3L) V8 4.25" (108.0mm)	1964-1960	23
Scamp	198 CID (3.2L) L6 3.40" (86.4mm)	1974-1971	13
Scamp	225 CID (3.7L) L6 3.40" (86.4mm)	1976-1971	17
Scamp	318 CID (5.2L) V8 3.91" (99.3mm)	1976-1971	20
Sebring	122 CID (2.0L) DOHC L4 3.45" (87.5mm)	1999-1995	3
Sebring	148 CID (2.4L) DOHC L4 3.44" (87.5mm)	1998-1996	7
Sebring	167 CID (2.7L) DOHC V6 3.39" (86.0mm)	2005-2001	9
Shadow	135 CID (2.2L) SOHC L4 3.44" (87.5mm)	1993-1987	5
Shadow	153 CID (2.5L) SOHC L4 3.44" (87.4mm)	1994-1989	8
Shadow	181 CID (3.0L) SOHC V6 3.59" (91.1mm) Mitsubishi	1992	11
Sierra	383 CID (6.3L) V8 4.25" (108.0mm)	1959	23
Special Deluxe	218 CID (3.6L) L-HEAD L6 3.25" (82.6mm)	1950	16
Spirit	153 CID (2.5L) SOHC L4 3.44" (87.4mm)	1995-1989	8
Spirit	181 CID (3.0L) SOHC V6 3.59" (91.1mm) Mitsubishi	1992-1989	11
Sport Wagon	225 CID (3.7L) L6 3.40" (86.4mm)	1961-1960	17
Sport Wagon	383 CID (6.3L) V8 4.25" (108.0mm)	1961-1960	23
St. Regis	225 CID (3.7L) L6 3.40" (86.4mm)	1981-1979	17
St. Regis	318 CID (5.2L) V8 3.91" (99.3mm)	1981-1979	20
St. Regis	360 CID (5.9L) V8 4.00" (101.6mm)	1980-1979	22
Stealth	181 CID (3.0L) SOHC V6 3.59" (91.1mm) Mitsubishi	1992-1991	11
Stratus	122 CID (2.0L) SOHC L4 3.45" (87.5mm)	2000-1995	2
Stratus	148 CID (2.4L) DOHC L4 3.44" (87.5mm)	2000-1995	7
Stratus	167 CID (2.7L) DOHC V6 3.39" (86.0mm)	2005-2001	9
Sundance	135 CID (2.2L) SOHC L4 3.44" (87.5mm)	1993-1987	5
Sundance	153 CID (2.5L) SOHC L4 3.44" (87.4mm)	1994-1989	8
Sundance	181 CID (3.0L) SOHC V6 3.59" (91.1mm) Mitsubishi	1992	11
Superbird	440 CID (7.2L) V8 4.32" (109.7mm)	1970	25
SX 2.0	122 CID (2.0L) SOHC L4 3.45" (87.5mm)	2003	2
TC Maserati	181 CID (3.0L) SOHC V6 3.59" (91.1mm) Mitsubishi	1991-1990	11
Town & Country	225 CID (3.7L) L6 3.40" (86.4mm)	1981-1978	17
Town & Country	318 CID (5.2L) V8 3.91" (99.3mm)	1981-1978	20
Town & Country	360 CID (5.9L) V8 4.00" (101.6mm)	1979-1978	22
Town & Country	383 CID (6.3L) V8 4.25" (108.0mm)	1971-1959	23
Town & Country	400 CID (6.6L) V8 4.34" (110.2mm)	1977-1975, 1972	24
Town & Country	440 CID (7.2L) V8 4.32" (109.7mm)	1977-1968	25
Valiant	170 CID (2.8L) L6 3.40" (86.4mm)	1969-1960	10
Valiant	198 CID (3.2L) L6 3.40" (86.4mm)	1974-1970	13
Valiant	225 CID (3.7L) L6 3.40" (86.4mm)	1976-1961	17
Valiant	318 CID (5.2L) V8 3.91" (99.3mm)	1976-1968	20
Valiant	360 CID (5.9L) V8 4.00" (101.6mm)	1976	22
VIP	383 CID (6.3L) V8 4.25" (108.0mm)	1967	23

MODEL	ENGINE	YEAR	BLOCK
Volare	225 CID (3.7L) L6 3.40" (86.4mm)	1980-1976	17
Volare	318 CID (5.2L) V8 3.91" (99.3mm)	1980-1976	20
Volare	360 CID (5.9L) V8 4.00" (101.6mm)	1980-1976	22
Wayfarer	230 CID (3.8L) L-HEAD L6 3.25" (82.6mm)	1952-1949	18
Windsor	383 CID (6.3L) V8 4.25" (108.0mm)	1961-1959	23

YEAR	VIN	PART NUMBER	SPECS	QTY	RINGS	PIN DIA	COMP HGT
<b>1</b>			<b>107 CID (1.8L) SOHC L4 3.17" (80.6mm) Mitsubishi</b>	<b>1</b>			
1994-1993	B	<b>224-2893</b>	 <p>Material: Aluminum Dome Head w/2 Valve Reliefs Dome Height: 0.150" 4G37 Eng.</p>	4	1.50mm	0.7485"	1.320"
1992-1989	T	<p>STD, .020", .030", .040"</p> <p>Pin Hole Location: Offset</p> <p><b>Piston Ring Sets:</b> Cast Iron: <b>51598</b> Premium: <b>41598</b></p>			1.50mm	4.00mm	
<b>2</b>			<b>122 CID (2.0L) SOHC L4 3.45" (87.5mm)</b>	<b>2</b>			
2003-2001	F	<b>224-3405</b>	 <p>Material: Aluminum Recessed Head Recess Depth: 0.015" Recess Diameter: 2.600" Shallow Ring Grooves, Coated Skirts. Not intened for Racing Applications</p>	4	1.20mm	0.8267"	1.230"
2003-1995	C	<p>STD, .020", .030", .040"</p> <p>Pin Hole Location: Offset</p> <p><b>Piston Ring Sets:</b> Premium: <b>41851CP</b></p>			1.20mm	3.00mm	
<b>3</b>			<b>122 CID (2.0L) DOHC L4 3.45" (87.5mm)</b>	<b>3</b>			
1999-1995	Y	<b>224-2883</b>	 <p>Material: Hypereutectic Domed Head w/4 Valve Reliefs Dome Height: 0.035" Shallow Ring Grooves, Coated Skirts. Not intened for Racing Applications</p>	4	1.20mm	0.8267"	1.230"
		<p>STD, .020", .030", .040"</p> <p>Pin Hole Location: Offset</p> <p><b>Piston Ring Sets:</b> Premium: <b>41851CP</b></p>			1.20mm	3.00mm	
<b>4</b>			<b>135 CID (2.2L) SOHC L4 3.44" (87.5mm) HO</b>	<b>4</b>			
1987-1986	8	<b>224-2348</b>	 <p>Material: Aluminum Flat Head w/1 Trench Valve Relief Non-Turbo All Fuel Inj, Carb. Omni and Horizon</p>	4	1.50mm	0.9009"	1.571"
		<p>STD, .020", .030", .040"</p> <p>Pin Hole Location: Offset</p> <p><b>Piston Ring Sets:</b> Cast Iron: <b>51286CP</b> Premium: <b>41286CP</b></p>			1.50mm	4.00mm	

**Notes:** For : From 3/26/86  
For 1986 : Except L Body



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PIN DIA



COMP HGT

**5 135 CID (2.2L) SOHC L4 3.44" (87.5mm) 5**

1993-1986	D	<b>224-2348</b>		Material: Aluminum	4	1.50mm	0.9009"	1.571"
1988-1986	C			Flat Head w/1 Trench Valve Relief		1.50mm		
1986	8			Non-Turbo All Fuel Inj, Carb. Omni and Horizon		4.00mm		

STD, .020", .030", .040"

Pin Hole Location: Offset

**Notes:** For : From 3/26/86  
For 1986 : Except L Body

**Piston Ring Sets:** Cast Iron: **51286CP**  
Premium: **41286CP**

1989-1987	E	<b>224-3530</b>		Material: Aluminum	4	1.50mm	0.901"	1.593"
1989-1987	A			Casting Number: 87V90		1.50mm		


Recessed w/ 2 valve reliefs  
Recess Depth: 0.188"

STD, .020", .030", .040"

Pin Hole Location: Offset

**Piston Ring Sets:** Cast Iron: **51286CP**  
Premium: **41286CP**

**6 2351 CC (2.4L) SOHC L4 3.41" (86.5mm) Mitsubishi 6**


1992	W	<b>224-2905</b>		Material: Aluminum	4	1.50mm	0.8267"	1.370"
				Flat Head W/3 Valve Reliefs		1.50mm		

Flat Head W/3 Valve Reliefs

STD, .020", .030", .040"

Pin Hole Location: Offset

**Piston Ring Sets:** Cast Iron: **51587**  
Premium: **41587**

1994-1993	G	<b>224-2909</b>		Material: Aluminum	4	1.20mm	0.8665"	1.360"
				Recessed Head		1.50mm		


Recessed Head  
Recess Depth: 0.160"  
Recess Diameter: 3.100"  
4G64 Eng.

STD, .020", .030", .040"

Pin Hole Location: Offset

**Piston Ring Sets:** Premium: **41694**

**7 148 CID (2.4L) DOHC L4 3.44" (87.5mm) 7**

2000-1995	X	<b>224-3531</b>		Material: Aluminum	4	1.20mm	0.866"	1.226"
				Casting Number: 87L39		1.50mm		

Domed head w/3 valve reliefs  
Dome Height: 0.215"

STD, 25MM, 50MM, 75MM,  
100MM

Pin Hole Location: Offset

**Piston Ring Sets:** Premium: **41857CP**



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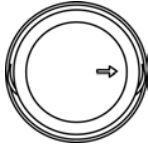
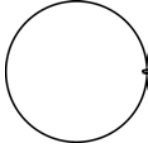
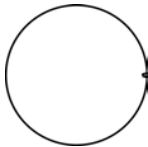
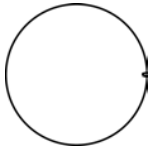

RINGS



PIN DIA



COMP HGT

8		153 CID (2.5L) SOHC L4 3.44" (87.4mm)					8	
1995-1989	K	<b>224-2783</b>		Recessed Head w/2 Valve Reliefs Recess Depth: 0.135" Recess Diameter: 3.070" Non-Turbo Shallow Groove, Press fit pin	4	1.50mm 1.50mm 4.00mm	0.9009"	1.350"
1994-1993	V							
			STD, .020", .030", .040"					Pin Hole Location: Offset
				<b>Piston Ring Sets:</b>	Cast Iron:	<b>51286CP</b>		
					Premium:	<b>41286CP</b>		
9		167 CID (2.7L) DOHC V6 3.39" (86.0mm)					9	
2003-1998	R	<b>224-3406</b>		Material: Hypereutectic Flat Head Shallow Ring Grooves, Coated Skirt. Not intended for Racing Applications	6	0.061" 0.061" 0.121"	0.8661"	1.220"
2003	T							
2001-2000	U							
			STD, .010", .020", .030", .040"					Pin Hole Location: Press Fit or Free Float
				<b>Piston Ring Sets:</b>	Premium:	<b>41855CP</b>		
9		167 CID (2.7L) DOHC V6 3.39" (86.0mm)					9	
2005-1998	R	<b>224-3549</b>		Material: Aluminum Casting Number: 86L54 Flat Reduced .010 CH. Hard Anodized top ring land	6	1.50mm 1.50mm 3.00mm	0.866"	1.217"
			STD, 10MM, 25MM, 50MM, 75MM, 100MM					Pin Hole Location: Offset
				<b>Piston Ring Sets:</b>	Premium:	<b>42003CP</b>		
10		170 CID (2.8L) L6 3.40" (86.4mm)					10	
1969-1968	A	<b>224-1397</b>		Material: Aluminum Flat Head	6	5/64" 5/64" 3/16"	0.9012"	1.740"
1967-1960	-							
			STD, .020", .030", .040", .060"					Pin Hole Location: Offset
				<b>Piston Ring Sets:</b>	Cast Iron:	<b>50276CP</b>		
					Premium:	<b>40276CP</b>		
11		181 CID (3.0L) SOHC V6 3.59" (91.1mm) Mitsubishi					11	
1992-1990	S	<b>224-2946</b>		Material: Aluminum Triangular head recess w/ 2 valve reliefs Recess Depth: 0.098" 6G72 Eng. Broken sets factory only	6	1.50mm 1.50mm 4.00mm	0.8665"	1.247"
1992-1988	3							
			STD, .020", .030", .040"					Pin Hole Location: Offset
				<b>Piston Ring Sets:</b>	Cast Iron:	<b>51458CP</b>		
					Premium:	<b>41458CP</b>		



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RINGS



PIN DIA



COMP HGT

**12 197 CID (3.2L) SOHC V6 3.62" (92.0mm) 12**

2001-1998	J	<b>224-3534</b>		Material: Aluminum Casting Number: 92L66  Flat w/ 4 valve reliefs Hard Anodized top ring groove.	6	1.20mm 1.50mm 3.00mm	0.9449"	1.492"
			STD, 10MM, 50MM		Pin Hole Location: Offset			
<b>Piston Ring Sets:</b> Premium: <b>41861CP</b>								

**13 198 CID (3.2L) L6 3.40" (86.4mm) 13**

1974-1970	B	<b>224-1397</b>		Material: Aluminum  Flat Head	6	5/64" 5/64" 3/16"	0.9012"	1.740"
			STD, .020", .030", .040", .060"		Pin Hole Location: Offset			
<b>Piston Ring Sets:</b> Cast Iron: <b>50276CP</b> Premium: <b>40276CP</b>								

**14 201 CID (3.3L) V6 3.66" (93.0mm) 14**

1997-1993	T	<b>224-2815</b>		Material: Aluminum	6	1.50mm	0.9009"	1.260"
1995-1994	U			Oval Recessed Head Recess Depth: 0.090" SEFI. Coated Skirts		1.50mm		
1993-1990	R					3.00mm		
			STD, .020", .030", .040"		Pin Hole Location: Offset			
<b>Piston Ring Sets:</b> Cast Iron: <b>51601</b> Premium: <b>41601</b>								

**15 215 CID (3.5L) SOHC V6 3.78" (96.0mm) 15**

1999	-	<b>224-2885</b>		Material: Hypereutectic	6	1.50mm	0.9449"	1.487"
1999	G			Domed head w/ 4 valve reliefs Dome Height: 0.050"		1.50mm		
1997-1993	F			Domed head for both left and right applications. Full floating pin. Coated skirts. Not intended for Racing Applications		3.00mm		
			STD, .020", .030", .040"		Pin Hole Location: Offset			
<b>Piston Ring Sets:</b> Cast Iron: <b>51696CP</b> Premium: <b>41696CP</b>								

2004-1999	G	<b>224-3439</b>		Material: Aluminum Casting Number: 96L32  Recessed Head w/ 4 valve reliefs Recess Depth: -0.021" Topped 0.25mm. Coated skirts. Anodized top ring land	6	1.20mm 1.50mm 3.00mm	0.9448"	1.492"
			STD, .004", .010", .020"					

**Notes:** Coated

**Piston Ring Sets:** Premium: **41856CP**



YEAR

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SPECS



QTY RINGS



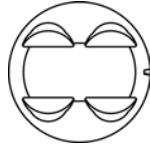
PIN DIA



COMP HGT

**15 (cont.) 215 CID (3.5L) SOHC V6 3.78" (96.0mm) 15 (cont.)**

1995-1993 F **224-3532**



STD, 25MM, 50MM, 75MM, 100MM

Material: Aluminum  
Casting Number: 96V30+A6

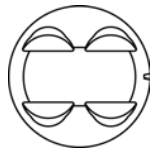
Domed head w/ 4 valve reliefs  
Dome Height: 0.031"  
New Design Symmetrical Valve pockets. Universal style can be used for Left or Right bank.

6 1.50mm 0.945" 1.507"  
1.50mm  
3.00mm

Pin Hole Location: Offset

**Piston Ring Sets:** Cast Iron: **51696CP**  
Premium: **41696CP**

1997-1996 F **224-3533**



STD, 25MM, 50MM, 75MM, 100MM

Material: Aluminum  
Casting Number: 96V30+A6

Domed head w/ 4 valve reliefs  
Dome Height: 0.031"  
New Design Symmetrical Valve pockets. Universal style can be used for Left or Right bank. Coated skirts

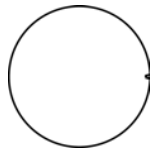
6 1.20mm 0.945" 1.507"  
1.50mm  
3.00mm

Pin Hole Location: Offset

**Piston Ring Sets:** Premium: **41856CP**

**16 218 CID (3.6L) L-HEAD L6 3.25" (82.6mm) 16**

1954-1949 - **224-2751**



STD, .030", .040", .060"

Material: Aluminum  
Flat Head  
Plymouth Flat Head. Except Heavy Duty (U-Slot Type)

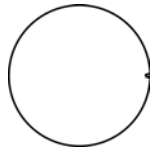
6 3/32" 0.8593" 1.978"  
3/32"  
5/32"

Pin Hole Location: Center

**Piston Ring Sets:** Cast Iron: **539**  
Premium: **439**

**17 225 CID (3.7L) L6 3.40" (86.4mm) 17**

1983-1981 H **224-1397**  
1983 J  
1983 K  
1983 L  
1982-1981 G  
1982-1981 F STD, .020", .030", .040", .060"  
1982-1981, E  
1972-1970  
1980-1969 C  
1980-1977 D  
1970, -  
1967-1960  
1969-1967 B



Material: Aluminum  
Flat Head

6 5/64" 0.9012" 1.740"  
5/64"  
3/16"

Pin Hole Location: Offset

**Piston Ring Sets:** Cast Iron: **50276CP**  
Premium: **40276CP**



YEAR

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RINGS

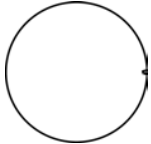


PIN DIA

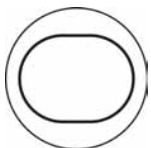


COMP HGT


<b>18</b>	<b>230 CID (3.8L) L-HEAD L6 3.25" (82.6mm)</b>		<b>18</b>
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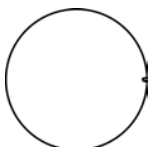
1959-1946	-	<b>224-2751</b>		Material: Aluminum	6	3/32" 3/32" 5/32" 5/32"	0.8593"	1.978"
				Flat Head Plymouth Flat Head. Except Heavy Duty (U-Slot Type)				
STD, .030", .040", .060"				Pin Hole Location: Center				
				<b>Piston Ring Sets:</b> Cast Iron: <b>539</b> Premium: <b>439</b>				

<b>19</b>	<b>230 CID (3.8L) V6 3.78" (96.0mm)</b>		<b>19</b>
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1993-1991	L	<b>224-2814</b>		Material: Aluminum	6	1.50mm 1.50mm 3.00mm	0.9009"	1.369"
				Oval Recessed Head Recess Depth: 0.192" Coated Skirts				
STD, .020", .030", .040"				Pin Hole Location: Offset				
				<b>Piston Ring Sets:</b> Cast Iron: <b>51696CP</b> Premium: <b>41696CP</b>				

<b>20</b>	<b>318 CID (5.2L) V8 3.91" (99.3mm)</b>		<b>20</b>
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1989-1983	S	<b>224-2007</b>		Material: Aluminum	8	5/64" 5/64" 3/16"	0.9842"	1.741"
				Flat Head w/ 4 valve reliefs 1973 press fit, 1991 and later use early style rings.				
STD, .020", .030", .040", .060"				Pin Hole Location: Offset				
				<b>Piston Ring Sets:</b> Cast Iron: <b>50069CP</b> Premium: <b>40069CP</b>				
1989-1983	P							
1989-1983	4							
1988,	Z							
1986,								
1983								
1985,	R							
1983								
1983-1981	N							
1982-1981	M							
1982-1981	L							
1982-1981	K							
1982-1981	J							
1980-1970	G							
1980-1978	H							
1969-1968	F							

1989-1985	S	<b>224-3408</b>		Material: Hypereutectic	8	2.00mm 2.00mm 4.00mm	0.9842"	1.741"
				Flat Head Shallow Groove.				
STD, .020", .030", .040", .060"				<b>Piston Ring Sets:</b> Cast Iron: <b>51709CP</b> Premium: <b>41709CP</b>				
1989-1985	P							
1989-1985	4							
1985	R							

# CHRYSLER

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SPECS

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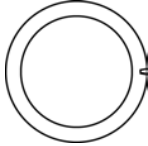
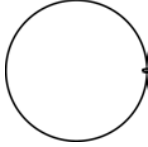
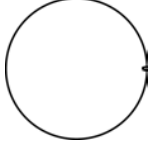
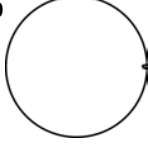
RINGS



PIN DIA



COMP HGT

21		340 CID (5.6L) V8 4.04" (102.6mm)				21		
1971-1970	H	224-2565		Material: Aluminum Flat Head w/ 4 valve reliefs Pistons may be used in either the left or right banks	8	5/64"	0.9842"	1.824"
1971-1970	J					5/64"		
1969-1968	P					3/16"		
STD, .030", .040", .060"								
				<b>Piston Ring Sets:</b> Cast Iron: <b>50787</b> Premium: <b>40787</b>				
22		360 CID (5.9L) V8 4.00" (101.6mm)				22		
1980-1974	L	224-1850		Material: Aluminum Recessed Head Recess Depth: 0.05" Recess Diameter: 3.130" Thru 1992 trucks	8	5/64"	0.9842"	1.576"
1980-1971	K					5/64"		
1979-1974	J					3/16"		
STD, .020", .030", .040", .060"				Pin Hole Location: Offset				
				<b>Piston Ring Sets:</b> Cast Iron: <b>50564CP</b> Premium: <b>40564CP</b>				
23		383 CID (6.3L) V8 4.25" (108.0mm)				23		
1971-1970	N	224-1699		Material: Aluminum Flat Head Not destroyed when used in 1971 engines	8	5/64"	1.094"	1.848"
1971-1970	L					5/64"		
1969-1967	H					3/16"		
1969-1967	G							
1967-1959	-							
STD, .030", .040", .060"				Pin Hole Location: Offset				
<b>Notes:</b>		For Cars: Replace in Complete Sets			<b>Piston Ring Sets:</b> Cast Iron: <b>50564CP</b> Premium: <b>40564CP</b>			
24		400 CID (6.6L) V8 4.34" (110.2mm)				24		
1978-1972	P	224-1866		Material: Aluminum Flat Head	8	5/64"	1.094"	1.812"
1978-1974	N					5/64"		
1976-1972	M					3/16"		
1972	-							
STD, .030", .040", .060"				Pin Hole Location: Offset				
				<b>Piston Ring Sets:</b> Cast Iron: <b>51050</b> Premium: <b>41050</b>				
25		440 CID (7.2L) V8 4.32" (109.7mm)				25		
1972-1970	U	224-1730.030		Material: Aluminum Flat Head Flat Head replaces both the Flat head and Dished OE pistons	8	5/64"	1.094"	1.969"
1972-1970	V					5/64"		
1972-1970	T					3/16"		
1969	M							
1969-1968	L							
1969-1968	K					.030", .040", .060"		
STD, .030", .040", .060"				Pin Hole Location: Offset				
<b>Notes:</b>		Except High Performance; with 4 Barrel Carburetor			<b>Piston Ring Sets:</b> Cast Iron: <b>50722</b> Premium: <b>40722</b>			

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PIN DIA



COMP HGT

## 25 (cont.) 440 CID (7.2L) V8 4.32" (109.7mm) 25 (cont.)

1978-1972	T	<b>224-2009</b>		Material: Aluminum	8	5/64"	1.094"	1.912"	
1978-1972	U								Flat Head
1972	V								

STD, .020", .030", .040", .060"

Pin Hole Location: Offset

**Notes:** For Cars: with 4 Barrel Carburetor  
For Cars from 1977 to 1978: Except High Performance

**Piston Ring Sets:** Cast Iron: **50722**  
Premium: **40722**

# DODGE TRUCK

ENGINE	YEAR	BLOCK
135 CID (2.2L) SOHC L4	1988-1986	1
2351 CC (2.4L) SOHC L4 Mitsubishi	1992-1990	2
148 CID (2.4L) DOHC L4	2000-1996	3
153 CID (2.5L) L4 Magnum	2002-1996	4
153 CID (2.5L) SOHC L4	1995-1989	5
165 CID (2.7L) DOHC L5 Mercedes-Benz DIESEL	2003	6
170 CID (2.8L) L6 N/A	1969-1960	7
181 CID (3.0L) SOHC V6 Mitsubishi	1992-1988	8
198 CID (3.2L) L6	1971-1970	9
201 CID (3.3L) V6 CNG	1996-1994	10
201 CID (3.3L) V6	2002-2000, 1997-1990	11
218 CID (3.6L) L-HEAD L6	1954-1949	12
225 CID (3.7L) L6	1987-1960	13
226 CID (3.7L) SOHC V6 Magnum	2005-2004	14
226 CID (3.7L) SOHC V6 Power-Tech	2005-2004	15
230 CID (3.8L) L-HEAD L6	1959-1950	16
230 CID (3.8L) V6	2003-2001, 1999-1994	17
239 CID (3.9L) V6 Magnum	2003-1992	18
239 CID (3.9L) V6	1987	19
287 CID (4.7L) SOHC V8 Power-Tech	2004-2000	20
318 CID (5.2L) V8 Magnum CNG	2003-1999, 1997-1993	21
318 CID (5.2L) V8 Magnum	2003-1992	22
318 CID (5.2L) V8	1991-1968	23
318 CID (5.2L) V8 Magnum LPG	2000-1998	24
345 CID (5.7L) V8 HEMI	2004-2003	25
360 CID (5.9L) V8 Magnum	2002-1993	26
360 CID (5.9L) V8 Magnum HD	2002-1993	27
360 CID (5.9L) V8	1992-1971	28
383 CID (6.3L) V8	1971-1967, 1961-1960	29
400 CID (6.6L) V8	1978-1972	30
440 CID (7.2L) V8	1979-1973	31
488 CID (8.0L) V10 Magnum	2003-1994	32

# DODGE TRUCK

# MAHLE

MODEL	ENGINE	YEAR	BLOCK
A100	170 CID (2.8L) L6 3.40" (86.4mm)	1969-1964	7
A100	198 CID (3.2L) L6 3.40" (86.4mm)	1970	9
A100	225 CID (3.7L) L6 3.40" (86.4mm)	1970-1964	13
A100	318 CID (5.2L) V8 3.91" (99.3mm)	1970-1968	23
A108 Van	170 CID (2.8L) L6 3.40" (86.4mm)	1969-1967	7
A108 Van	198 CID (3.2L) L6 3.40" (86.4mm)	1970	9
A108 Van	225 CID (3.7L) L6 3.40" (86.4mm)	1970-1967	13
B-1	230 CID (3.8L) L-HEAD L6 3.25" (82.6mm)	1950	16
B-2	218 CID (3.6L) L-HEAD L6 3.25" (82.6mm)	1950	12
B-2	230 CID (3.8L) L-HEAD L6 3.25" (82.6mm)	1950	16
B-3	218 CID (3.6L) L-HEAD L6 3.25" (82.6mm)	1952-1951	12
B-3	230 CID (3.8L) L-HEAD L6 3.25" (82.6mm)	1952-1951	16
B-3	230 CID (3.8L) L-HEAD L6 3.25" (82.6mm)	1952-1951	16
B-4	230 CID (3.8L) L-HEAD L6 3.25" (82.6mm)	1953	16
B100	225 CID (3.7L) L6 3.40" (86.4mm)	1980-1975	13
B100	318 CID (5.2L) V8 3.91" (99.3mm)	1980-1975	23
B100	360 CID (5.9L) V8 4.00" (101.6mm)	1978-1976	28
B100 Van	198 CID (3.2L) L6 3.40" (86.4mm)	1971	9
B100 Van	225 CID (3.7L) L6 3.40" (86.4mm)	1974-1971	13
B100 Van	318 CID (5.2L) V8 3.91" (99.3mm)	1974-1971	23
B100 Van	360 CID (5.9L) V8 4.00" (101.6mm)	1974-1971	28
B100 Van	440 CID (7.2L) V8 4.32" (109.7mm)	1974	31
B150	225 CID (3.7L) L6 3.40" (86.4mm)	1987-1981	13
B150	239 CID (3.9L) V6 3.91" (99.3mm) Magnum	1994-1992	18
B150	318 CID (5.2L) V8 3.91" (99.3mm) Magnum	1994-1992	22
B150	318 CID (5.2L) V8 3.91" (99.3mm)	1991-1981	23
B1500	239 CID (3.9L) V6 3.91" (99.3mm) Magnum	1998-1995	18
B1500	318 CID (5.2L) V8 3.91" (99.3mm) Magnum	1998-1995	22
B1500	360 CID (5.9L) V8 4.00" (101.6mm) Magnum	1998	26
B200	225 CID (3.7L) L6 3.40" (86.4mm)	1980-1975	13
B200	318 CID (5.2L) V8 3.91" (99.3mm)	1980-1975	23
B200	360 CID (5.9L) V8 4.00" (101.6mm)	1980-1975	28
B200	400 CID (6.6L) V8 4.34" (110.2mm)	1978-1976	30
B200	440 CID (7.2L) V8 4.32" (109.7mm)	1978-1975	31
B200 Van	198 CID (3.2L) L6 3.40" (86.4mm)	1971	9
B200 Van	225 CID (3.7L) L6 3.40" (86.4mm)	1974-1971	13
B200 Van	318 CID (5.2L) V8 3.91" (99.3mm)	1974-1971	23
B200 Van	360 CID (5.9L) V8 4.00" (101.6mm)	1974-1971	28
B200 Van	400 CID (6.6L) V8 4.34" (110.2mm)	1974	30
B200 Van	440 CID (7.2L) V8 4.32" (109.7mm)	1974	31
B250	225 CID (3.7L) L6 3.40" (86.4mm)	1987-1981	13
B250	239 CID (3.9L) V6 3.91" (99.3mm) Magnum	1994-1992	18
B250	318 CID (5.2L) V8 3.91" (99.3mm) Magnum CNG	1994-1993	21
B250	318 CID (5.2L) V8 3.91" (99.3mm) Magnum	1994-1992	22
B250	318 CID (5.2L) V8 3.91" (99.3mm)	1991-1981	23
B250	360 CID (5.9L) V8 4.00" (101.6mm) Magnum	1994-1993	26
B250	360 CID (5.9L) V8 4.00" (101.6mm)	1992-1984, 1981	28
B2500	239 CID (3.9L) V6 3.91" (99.3mm) Magnum	1997-1995	18
B2500	318 CID (5.2L) V8 3.91" (99.3mm) Magnum CNG	1996-1995	21
B2500	318 CID (5.2L) V8 3.91" (99.3mm) Magnum	1998-1995	22
B2500	318 CID (5.2L) V8 3.91" (99.3mm) Magnum LPG	1998	24
B2500	360 CID (5.9L) V8 4.00" (101.6mm) Magnum	1998-1995	26
B300	225 CID (3.7L) L6 3.40" (86.4mm)	1980-1975	13
B300	318 CID (5.2L) V8 3.91" (99.3mm)	1980-1975	23
B300	360 CID (5.9L) V8 4.00" (101.6mm)	1980-1975	28

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MODEL	ENGINE	YEAR	BLOCK
B300	400 CID (6.6L) V8 4.34" (110.2mm)	1978-1976	30
B300	440 CID (7.2L) V8 4.32" (109.7mm)	1978-1975	31
B300 Van	225 CID (3.7L) L6 3.40" (86.4mm)	1974-1971	13
B300 Van	318 CID (5.2L) V8 3.91" (99.3mm)	1974-1971	23
B300 Van	360 CID (5.9L) V8 4.00" (101.6mm)	1974-1971	28
B350	318 CID (5.2L) V8 3.91" (99.3mm) Magnum CNG	1994-1993	21
B350	318 CID (5.2L) V8 3.91" (99.3mm) Magnum	1994-1992	22
B350	318 CID (5.2L) V8 3.91" (99.3mm)	1991-1981	23
B350	360 CID (5.9L) V8 4.00" (101.6mm) Magnum	1994-1993	26
B350	360 CID (5.9L) V8 4.00" (101.6mm)	1992-1981	28
B3500	318 CID (5.2L) V8 3.91" (99.3mm) Magnum CNG	1997-1995	21
B3500	318 CID (5.2L) V8 3.91" (99.3mm) Magnum	1998-1995	22
B3500	318 CID (5.2L) V8 3.91" (99.3mm) Magnum LPG	1998	24
B3500	360 CID (5.9L) V8 4.00" (101.6mm) Magnum	1998-1995	26
C-1	230 CID (3.8L) L-HEAD L6 3.25" (82.6mm)	1955-1954	16
C-3	230 CID (3.8L) L-HEAD L6 3.25" (82.6mm)	1955	16
Caravan	135 CID (2.2L) SOHC L4 3.44" (87.5mm)	1987-1986	1
Caravan	148 CID (2.4L) DOHC L4 3.44" (87.4mm)	2000-1996	3
Caravan	153 CID (2.5L) SOHC L4 3.44" (87.4mm)	1995-1989	5
Caravan	181 CID (3.0L) SOHC V6 3.59" (91.1mm) Mitsubishi	1992-1988	8
Caravan	201 CID (3.3L) V6 3.66" (93.0mm) CNG	1995-1994	10
Caravan	201 CID (3.3L) V6 3.66" (93.0mm)	2002-2000, 1997-1990	11
Caravan	230 CID (3.8L) V6 3.78" (96.0mm)	1999-1996	17
CB300	225 CID (3.7L) L6 3.40" (86.4mm)	1979-1977, 1975-1974	13
CB300	318 CID (5.2L) V8 3.91" (99.3mm)	1980-1974	23
CB300	360 CID (5.9L) V8 4.00" (101.6mm)	1980-1974	28
CB300	400 CID (6.6L) V8 4.34" (110.2mm)	1978-1976	30
CB300	440 CID (7.2L) V8 4.32" (109.7mm)	1979-1977	31
D100	225 CID (3.7L) L6 3.40" (86.4mm)	1987-1986, 1979-1975	13
D100	318 CID (5.2L) V8 3.91" (99.3mm)	1989-1986, 1979-1975	23
D100	360 CID (5.9L) V8 4.00" (101.6mm)	1988-1986, 1979-1975	28
D100	400 CID (6.6L) V8 4.34" (110.2mm)	1978-1976	30
D100	440 CID (7.2L) V8 4.32" (109.7mm)	1978-1975	31
D100 Pickup	198 CID (3.2L) L6 3.40" (86.4mm)	1971-1970	9
D100 Pickup	225 CID (3.7L) L6 3.40" (86.4mm)	1974-1968	13
D100 Pickup	318 CID (5.2L) V8 3.91" (99.3mm)	1974-1969	23
D100 Pickup	360 CID (5.9L) V8 4.00" (101.6mm)	1974-1971	28
D100 Pickup	383 CID (6.3L) V8 4.25" (108.0mm)	1971-1968	29
D100 Pickup	400 CID (6.6L) V8 4.34" (110.2mm)	1974-1972	30
D100 Pickup	440 CID (7.2L) V8 4.32" (109.7mm)	1974-1973	31
D100 Series	170 CID (2.8L) L6 3.40" (86.4mm)	1965-1961	7
D100 Series	225 CID (3.7L) L6 3.40" (86.4mm)	1967-1960	13
D100 Series	383 CID (6.3L) V8 4.25" (108.0mm)	1967	29
D150	225 CID (3.7L) L6 3.40" (86.4mm)	1987-1977	13
D150	239 CID (3.9L) V6 3.91" (99.3mm) Magnum	1993-1992	18
D150	318 CID (5.2L) V8 3.91" (99.3mm) Magnum	1993-1992	22
D150	318 CID (5.2L) V8 3.91" (99.3mm)	1991-1977	23
D150	360 CID (5.9L) V8 4.00" (101.6mm) Magnum	1993	26
D150	360 CID (5.9L) V8 4.00" (101.6mm)	1991-1984, 1982-1977	28
D150	400 CID (6.6L) V8 4.34" (110.2mm)	1978-1977	30
D150	440 CID (7.2L) V8 4.32" (109.7mm)	1978	31
D200	225 CID (3.7L) L6 3.40" (86.4mm)	1980-1975	13
D200	318 CID (5.2L) V8 3.91" (99.3mm)	1980-1975	23
D200	360 CID (5.9L) V8 4.00" (101.6mm)	1980-1975	28
D200	400 CID (6.6L) V8 4.34" (110.2mm)	1978-1975	30

MODEL	ENGINE	YEAR	BLOCK
D200	440 CID (7.2L) V8 4.32" (109.7mm)	1978-1975	31
D200 Pickup	225 CID (3.7L) L6 3.40" (86.4mm)	1974-1968	13
D200 Pickup	318 CID (5.2L) V8 3.91" (99.3mm)	1974-1969	23
D200 Pickup	360 CID (5.9L) V8 4.00" (101.6mm)	1974-1971	28
D200 Pickup	383 CID (6.3L) V8 4.25" (108.0mm)	1971-1968	29
D200 Pickup	400 CID (6.6L) V8 4.34" (110.2mm)	1974-1972	30
D200 Pickup	440 CID (7.2L) V8 4.32" (109.7mm)	1974-1973	31
D200 Series	225 CID (3.7L) L6 3.40" (86.4mm)	1967-1960	13
D200 Series	383 CID (6.3L) V8 4.25" (108.0mm)	1967	29
D250	225 CID (3.7L) L6 3.40" (86.4mm)	1987-1981	13
D250	239 CID (3.9L) V6 3.91" (99.3mm) Magnum	1993-1992	18
D250	318 CID (5.2L) V8 3.91" (99.3mm) Magnum	1993-1992	22
D250	318 CID (5.2L) V8 3.91" (99.3mm)	1991-1981	23
D250	360 CID (5.9L) V8 4.00" (101.6mm) Magnum	1993	26
D250	360 CID (5.9L) V8 4.00" (101.6mm) Magnum HD	1993	27
D250	360 CID (5.9L) V8 4.00" (101.6mm)	1992-1984, 1982-1981	28
D300	225 CID (3.7L) L6 3.40" (86.4mm)	1978-1975	13
D300	318 CID (5.2L) V8 3.91" (99.3mm)	1980-1975	23
D300	360 CID (5.9L) V8 4.00" (101.6mm)	1980-1975	28
D300	400 CID (6.6L) V8 4.34" (110.2mm)	1978-1976	30
D300	440 CID (7.2L) V8 4.32" (109.7mm)	1978-1975	31
D300 Pickup	225 CID (3.7L) L6 3.40" (86.4mm)	1974-1968	13
D300 Pickup	318 CID (5.2L) V8 3.91" (99.3mm)	1974-1969	23
D300 Pickup	360 CID (5.9L) V8 4.00" (101.6mm)	1974-1971	28
D300 Pickup	383 CID (6.3L) V8 4.25" (108.0mm)	1971-1968	29
D300 Pickup	400 CID (6.6L) V8 4.34" (110.2mm)	1974-1972	30
D300 Pickup	440 CID (7.2L) V8 4.32" (109.7mm)	1974-1973	31
D300 Series	225 CID (3.7L) L6 3.40" (86.4mm)	1967-1960	13
D300 Series	383 CID (6.3L) V8 4.25" (108.0mm)	1967	29
D350	318 CID (5.2L) V8 3.91" (99.3mm)	1983-1981	23
D350	360 CID (5.9L) V8 4.00" (101.6mm) Magnum	1993	26
D350	360 CID (5.9L) V8 4.00" (101.6mm) Magnum HD	1993	27
D350	360 CID (5.9L) V8 4.00" (101.6mm)	1992-1981	28
D400	360 CID (5.9L) V8 4.00" (101.6mm)	1981-1978	28
D400	440 CID (7.2L) V8 4.32" (109.7mm)	1978	31
D450	360 CID (5.9L) V8 4.00" (101.6mm)	1981-1978	28
D450	440 CID (7.2L) V8 4.32" (109.7mm)	1978	31
Dakota	135 CID (2.2L) SOHC L4 3.44" (87.5mm)	1988-1987	1
Dakota	153 CID (2.5L) L4 3.88" (98.4mm) Magnum	2002-1996	4
Dakota	153 CID (2.5L) SOHC L4 3.44" (87.4mm)	1995-1989	5
Dakota	226 CID (3.7L) SOHC V6 3.66" (93.0mm) Power-Tech	2005-2004	15
Dakota	239 CID (3.9L) V6 3.91" (99.3mm) Magnum	2003-1992	18
Dakota	239 CID (3.9L) V6 3.91" (99.3mm)	1987	19
Dakota	287 CID (4.7L) SOHC V8 3.66" (93.0mm) Power-Tech	2001-2000	20
Dakota	318 CID (5.2L) V8 3.91" (99.3mm) Magnum CNG	1996-1995	21
Dakota	318 CID (5.2L) V8 3.91" (99.3mm) Magnum	1999-1992	22
Dakota	318 CID (5.2L) V8 3.91" (99.3mm)	1991-1989	23
Dakota	360 CID (5.9L) V8 4.00" (101.6mm) Magnum	2002-1998	26
Durango	226 CID (3.7L) SOHC V6 3.66" (93.0mm) Magnum	2005-2004	14
Durango	239 CID (3.9L) V6 3.91" (99.3mm) Magnum	1999-1998	18
Durango	287 CID (4.7L) SOHC V8 3.66" (93.0mm) Power-Tech	2001-2000	20
Durango	318 CID (5.2L) V8 3.91" (99.3mm) Magnum	2000-1998	22
Durango	345 CID (5.7L) V8 3.92" (99.57mm) HEMI	2004	25
Durango	360 CID (5.9L) V8 4.00" (101.6mm) Magnum	2002-1998	26
Grand Caravan	148 CID (2.4L) DOHC L4 3.44" (87.4mm)	1997-1996	3

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MODEL	ENGINE	YEAR	BLOCK
Grand Caravan	181 CID (3.0L) SOHC V6 3.59" (91.1mm) Mitsubishi	1992, 1989-1988	8
Grand Caravan	201 CID (3.3L) V6 3.66" (93.0mm) CNG	1996	10
Grand Caravan	201 CID (3.3L) V6 3.66" (93.0mm)	2002-2000, 1997-1990	11
Grand Caravan	230 CID (3.8L) V6 3.78" (96.0mm)	2003-2001, 1999-1994	17
Grand Voyager	148 CID (2.4L) DOHC L4 3.44" (87.4mm)	1997-1996	3
Grand Voyager	181 CID (3.0L) SOHC V6 3.59" (91.1mm) Mitsubishi	1992, 1989-1988	8
Grand Voyager	201 CID (3.3L) V6 3.66" (93.0mm) CNG	1996	10
Grand Voyager	201 CID (3.3L) V6 3.66" (93.0mm)	2000, 1997-1990	11
Grand Voyager	230 CID (3.8L) V6 3.78" (96.0mm)	1999-1994	17
M300	318 CID (5.2L) V8 3.91" (99.3mm)	1974	23
M300	440 CID (7.2L) V8 4.32" (109.7mm)	1974	31
M350	318 CID (5.2L) V8 3.91" (99.3mm)	1974	23
M350	440 CID (7.2L) V8 4.32" (109.7mm)	1974	31
Mini Ram	135 CID (2.2L) SOHC L4 3.44" (87.5mm)	1987-1986	1
Mini Ram	181 CID (3.0L) SOHC V6 3.59" (91.1mm) Mitsubishi	1988	8
P100	225 CID (3.7L) L6 3.40" (86.4mm)	1968	13
P200	225 CID (3.7L) L6 3.40" (86.4mm)	1972-1968	13
P200	360 CID (5.9L) V8 4.00" (101.6mm)	1972-1971	28
P300	225 CID (3.7L) L6 3.40" (86.4mm)	1972-1968	13
P300	360 CID (5.9L) V8 4.00" (101.6mm)	1972-1971	28
P300 Series	230 CID (3.8L) L-HEAD L6 3.25" (82.6mm)	1958-1957	16
P310 Series	230 CID (3.8L) L-HEAD L6 3.25" (82.6mm)	1959-1958	16
P320 Series	230 CID (3.8L) L-HEAD L6 3.25" (82.6mm)	1958	16
P400 Series	230 CID (3.8L) L-HEAD L6 3.25" (82.6mm)	1957	16
P410 Series	230 CID (3.8L) L-HEAD L6 3.25" (82.6mm)	1958	16
P420 Series	230 CID (3.8L) L-HEAD L6 3.25" (82.6mm)	1958	16
PB100	225 CID (3.7L) L6 3.40" (86.4mm)	1980-1975	13
PB100	318 CID (5.2L) V8 3.91" (99.3mm)	1980-1975	23
PB100	360 CID (5.9L) V8 4.00" (101.6mm)	1978-1976	28
PB100 Van	225 CID (3.7L) L6 3.40" (86.4mm)	1974	13
PB100 Van	318 CID (5.2L) V8 3.91" (99.3mm)	1974	23
PB100 Van	360 CID (5.9L) V8 4.00" (101.6mm)	1974	28
PB150	225 CID (3.7L) L6 3.40" (86.4mm)	1983-1981	13
PB150	318 CID (5.2L) V8 3.91" (99.3mm)	1983-1981	23
PB200	225 CID (3.7L) L6 3.40" (86.4mm)	1980, 1978-1975	13
PB200	318 CID (5.2L) V8 3.91" (99.3mm)	1980-1975	23
PB200	360 CID (5.9L) V8 4.00" (101.6mm)	1980-1975	28
PB200	400 CID (6.6L) V8 4.34" (110.2mm)	1978-1976	30
PB200	440 CID (7.2L) V8 4.32" (109.7mm)	1978-1976	31
PB200 Van	225 CID (3.7L) L6 3.40" (86.4mm)	1974	13
PB200 Van	318 CID (5.2L) V8 3.91" (99.3mm)	1974	23
PB200 Van	360 CID (5.9L) V8 4.00" (101.6mm)	1974	28
PB250	225 CID (3.7L) L6 3.40" (86.4mm)	1983-1981	13
PB250	318 CID (5.2L) V8 3.91" (99.3mm)	1983-1981	23
PB250	360 CID (5.9L) V8 4.00" (101.6mm)	1981	28
PB300	318 CID (5.2L) V8 3.91" (99.3mm)	1980-1975	23
PB300	360 CID (5.9L) V8 4.00" (101.6mm)	1980-1975	28
PB300	400 CID (6.6L) V8 4.34" (110.2mm)	1978-1976	30
PB300	440 CID (7.2L) V8 4.32" (109.7mm)	1978-1976	31
PB300 Van	318 CID (5.2L) V8 3.91" (99.3mm)	1974	23
PB300 Van	360 CID (5.9L) V8 4.00" (101.6mm)	1974	28
PB350	318 CID (5.2L) V8 3.91" (99.3mm)	1983-1981	23
PB350	360 CID (5.9L) V8 4.00" (101.6mm)	1983-1981	28
Raider	181 CID (3.0L) SOHC V6 3.59" (91.1mm) Mitsubishi	1989	8
Ram 1500	226 CID (3.7L) SOHC V6 3.66" (93.0mm) Magnum	2005	14

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MODEL	ENGINE	YEAR	BLOCK
Ram 1500	239 CID (3.9L) V6 3.91" (99.3mm) Magnum	2001-1994	18
Ram 1500	239 CID (3.9L) V6 3.91" (99.3mm) Magnum	2003-1999	18
Ram 1500	287 CID (4.7L) SOHC V8 3.66" (93.0mm) Power-Tech	2004-2002	20
Ram 1500	318 CID (5.2L) V8 3.91" (99.3mm) Magnum CNG	1997-1995	21
Ram 1500	318 CID (5.2L) V8 3.91" (99.3mm) Magnum	2001-1994	22
Ram 1500	318 CID (5.2L) V8 3.91" (99.3mm) Magnum	2003-1999	22
Ram 1500	345 CID (5.7L) V8 3.92" (99.57mm) HEMI	2004-2003	25
Ram 1500	360 CID (5.9L) V8 4.00" (101.6mm) Magnum	2002-1999	26
Ram 1500	360 CID (5.9L) V8 4.00" (101.6mm) Magnum	2002-1994	26
Ram 2500	239 CID (3.9L) V6 3.91" (99.3mm) Magnum	2001	18
Ram 2500	318 CID (5.2L) V8 3.91" (99.3mm) Magnum CNG	1996-1995	21
Ram 2500	318 CID (5.2L) V8 3.91" (99.3mm) Magnum CNG	2003-1999	21
Ram 2500	318 CID (5.2L) V8 3.91" (99.3mm) Magnum	2003-1999	22
Ram 2500	318 CID (5.2L) V8 3.91" (99.3mm) Magnum	1996-1994	22
Ram 2500	318 CID (5.2L) V8 3.91" (99.3mm) Magnum LPG	2000-1999	24
Ram 2500	345 CID (5.7L) V8 3.92" (99.57mm) HEMI	2004-2003	25
Ram 2500	360 CID (5.9L) V8 4.00" (101.6mm) Magnum	2002-1994	26
Ram 2500	360 CID (5.9L) V8 4.00" (101.6mm) Magnum	2002-1999	26
Ram 2500	360 CID (5.9L) V8 4.00" (101.6mm) Magnum HD	1996-1995	27
Ram 2500	488 CID (8.0L) V10 4.00" (101.6mm) Magnum	2003-1994	32
Ram 3500	318 CID (5.2L) V8 3.91" (99.3mm) Magnum CNG	2003-1999	21
Ram 3500	318 CID (5.2L) V8 3.91" (99.3mm) Magnum	2003-1999	22
Ram 3500	318 CID (5.2L) V8 3.91" (99.3mm) Magnum LPG	2000-1999	24
Ram 3500	345 CID (5.7L) V8 3.92" (99.57mm) HEMI	2004-2003	25
Ram 3500	360 CID (5.9L) V8 4.00" (101.6mm) Magnum	2002-1999	26
Ram 3500	360 CID (5.9L) V8 4.00" (101.6mm) Magnum	2002-1997, 1994	26
Ram 3500	360 CID (5.9L) V8 4.00" (101.6mm) Magnum HD	2002-1994	27
Ram 3500	488 CID (8.0L) V10 4.00" (101.6mm) Magnum	2003-1994	32
Ram 50	2351 CC (2.4L) SOHC L4 3.41" (86.5mm) Mitsubishi	1992-1990	2
Ram 50	181 CID (3.0L) SOHC V6 3.59" (91.1mm) Mitsubishi	1991-1990	8
Ramcharger	225 CID (3.7L) L6 3.40" (86.4mm)	1980-1974	13
Ramcharger	318 CID (5.2L) V8 3.91" (99.3mm) Magnum	1993-1992	22
Ramcharger	318 CID (5.2L) V8 3.91" (99.3mm)	1991-1974	23
Ramcharger	360 CID (5.9L) V8 4.00" (101.6mm) Magnum	1993	26
Ramcharger	360 CID (5.9L) V8 4.00" (101.6mm)	1992-1984, 1981-1974	28
Ramcharger	400 CID (6.6L) V8 4.34" (110.2mm)	1978-1976, 1974	30
Ramcharger	440 CID (7.2L) V8 4.32" (109.7mm)	1978-1974	31
RD200	318 CID (5.2L) V8 3.91" (99.3mm)	1980-1978	23
RD200	360 CID (5.9L) V8 4.00" (101.6mm)	1980-1978	28
Royal Mini Ram	135 CID (2.2L) SOHC L4 3.44" (87.5mm)	1987-1986	1
Sprinter 2500	165 CID (2.7L) DOHC L5 3.46" (87.9mm) Mercedes-Benz DIESEL	2003	6
Sprinter 3500	165 CID (2.7L) DOHC L5 3.46" (87.9mm) Mercedes-Benz DIESEL	2003	6
Suburban	218 CID (3.6L) L-HEAD L6 3.25" (82.6mm)	1954-1949	12
Suburban	225 CID (3.7L) L6 3.40" (86.4mm)	1961-1960	13
Suburban	230 CID (3.8L) L-HEAD L6 3.25" (82.6mm)	1959-1954	16
Suburban	383 CID (6.3L) V8 4.25" (108.0mm)	1961-1960	29
Town & Country	201 CID (3.3L) V6 3.66" (93.0mm)	2002-2000, 1997-1996 1993-1990	11
Town & Country	230 CID (3.8L) V6 3.78" (96.0mm)	2003-2001, 1999-1994	17
Trailduster	225 CID (3.7L) L6 3.40" (86.4mm)	1980-1975	13
Trailduster	318 CID (5.2L) V8 3.91" (99.3mm)	1981-1974	23
Trailduster	360 CID (5.9L) V8 4.00" (101.6mm)	1981-1974	28
Trailduster	400 CID (6.6L) V8 4.34" (110.2mm)	1978-1976	30
Trailduster	440 CID (7.2L) V8 4.32" (109.7mm)	1978-1974	31
Truck	170 CID (2.8L) L6 3.40" (86.4mm)	1960	7

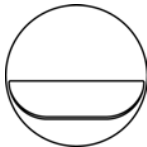
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MODEL	ENGINE	YEAR	BLOCK
Truck	230 CID (3.8L) L-HEAD L6 3.25" (82.6mm)	1959-1957	16
Voyager	135 CID (2.2L) SOHC L4 3.44" (87.5mm)	1987-1986	1
Voyager	148 CID (2.4L) DOHC L4 3.44" (87.4mm)	2000-1996	3
Voyager	153 CID (2.5L) SOHC L4 3.44" (87.4mm)	1995-1989	5
Voyager	181 CID (3.0L) SOHC V6 3.59" (91.1mm) Mitsubishi	1992-1988	8
Voyager	201 CID (3.3L) V6 3.66" (93.0mm) CNG	1995-1994	10
Voyager	201 CID (3.3L) V6 3.66" (93.0mm)	2002-2000, 1997-1991	11
Voyager	230 CID (3.8L) V6 3.78" (96.0mm)	1999-1997	17
W100	225 CID (3.7L) L6 3.40" (86.4mm)	1987-1986, 1977-1975	13
W100	318 CID (5.2L) V8 3.91" (99.3mm)	1989-1986, 1977-1975	23
W100	360 CID (5.9L) V8 4.00" (101.6mm)	1988-1986, 1977-1975	28
W100	400 CID (6.6L) V8 4.34" (110.2mm)	1977-1975	30
W100	440 CID (7.2L) V8 4.32" (109.7mm)	1977-1975	31
W100 Pickup	225 CID (3.7L) L6 3.40" (86.4mm)	1974-1968	13
W100 Pickup	318 CID (5.2L) V8 3.91" (99.3mm)	1974-1969	23
W100 Pickup	360 CID (5.9L) V8 4.00" (101.6mm)	1974-1972	28
W100 Pickup	383 CID (6.3L) V8 4.25" (108.0mm)	1971-1968	29
W100 Pickup	400 CID (6.6L) V8 4.34" (110.2mm)	1974	30
W100 Pickup	440 CID (7.2L) V8 4.32" (109.7mm)	1974	31
W100 Series	225 CID (3.7L) L6 3.40" (86.4mm)	1967-1960	13
W100 Series	383 CID (6.3L) V8 4.25" (108.0mm)	1967	29
W150	225 CID (3.7L) L6 3.40" (86.4mm)	1987-1978	13
W150	239 CID (3.9L) V6 3.91" (99.3mm) Magnum	1993-1992	18
W150	318 CID (5.2L) V8 3.91" (99.3mm) Magnum	1993-1992	22
W150	318 CID (5.2L) V8 3.91" (99.3mm)	1991-1977	23
W150	360 CID (5.9L) V8 4.00" (101.6mm) Magnum	1993	26
W150	360 CID (5.9L) V8 4.00" (101.6mm)	1991-1984, 1981-1977	28
W150	400 CID (6.6L) V8 4.34" (110.2mm)	1978-1977	30
W150	440 CID (7.2L) V8 4.32" (109.7mm)	1978	31
W200	225 CID (3.7L) L6 3.40" (86.4mm)	1980-1975	13
W200	318 CID (5.2L) V8 3.91" (99.3mm)	1980-1975	23
W200	360 CID (5.9L) V8 4.00" (101.6mm)	1980-1975	28
W200	400 CID (6.6L) V8 4.34" (110.2mm)	1978-1976	30
W200	440 CID (7.2L) V8 4.32" (109.7mm)	1978-1975	31
W200 Pickup	225 CID (3.7L) L6 3.40" (86.4mm)	1974-1969	13
W200 Pickup	318 CID (5.2L) V8 3.91" (99.3mm)	1974-1969	23
W200 Pickup	360 CID (5.9L) V8 4.00" (101.6mm)	1974-1971	28
W200 Pickup	383 CID (6.3L) V8 4.25" (108.0mm)	1971-1969	29
W200 Pickup	400 CID (6.6L) V8 4.34" (110.2mm)	1974	30
W200 Pickup	440 CID (7.2L) V8 4.32" (109.7mm)	1974	31
W200 Series	225 CID (3.7L) L6 3.40" (86.4mm)	1967-1960	13
W200 Series	383 CID (6.3L) V8 4.25" (108.0mm)	1967	29
W250	318 CID (5.2L) V8 3.91" (99.3mm) Magnum	1993-1992	22
W250	318 CID (5.2L) V8 3.91" (99.3mm)	1991-1981	23
W250	360 CID (5.9L) V8 4.00" (101.6mm) Magnum	1993	26
W250	360 CID (5.9L) V8 4.00" (101.6mm) Magnum HD	1993	27
W250	360 CID (5.9L) V8 4.00" (101.6mm)	1992-1984, 1982-1981	28
W300	225 CID (3.7L) L6 3.40" (86.4mm)	1978-1975	13
W300	318 CID (5.2L) V8 3.91" (99.3mm)	1980, 1978-1975	23
W300	360 CID (5.9L) V8 4.00" (101.6mm)	1980-1975	28
W300	400 CID (6.6L) V8 4.34" (110.2mm)	1978-1976	30
W300	440 CID (7.2L) V8 4.32" (109.7mm)	1978-1975	31
W300 Pickup	225 CID (3.7L) L6 3.40" (86.4mm)	1974-1968	13
W300 Pickup	318 CID (5.2L) V8 3.91" (99.3mm)	1974-1969	23
W300 Pickup	360 CID (5.9L) V8 4.00" (101.6mm)	1974-1971	28

MODEL	ENGINE	YEAR	BLOCK
W300 Pickup	383 CID (6.3L) V8 4.25" (108.0mm)	1971, 1969-1968	29
W300 Series	225 CID (3.7L) L6 3.40" (86.4mm)	1967-1963	13
W300 Series	383 CID (6.3L) V8 4.25" (108.0mm)	1967	29
W350	318 CID (5.2L) V8 3.91" (99.3mm)	1983-1982	23
W350	360 CID (5.9L) V8 4.00" (101.6mm) Magnum	1993	26
W350	360 CID (5.9L) V8 4.00" (101.6mm) Magnum HD	1993	27
W350	360 CID (5.9L) V8 4.00" (101.6mm)	1992-1981	28

YEAR	VIN	PART NUMBER	SPECS	QTY	RINGS	PIN DIA	COMP HGT
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<b>1</b>			<b>135 CID (2.2L) SOHC L4 3.44" (87.5mm)</b>				<b>1</b>
1988-1986	C	<b>224-2348</b>	 <p>Material: Aluminum                      Flat Head w/1 Trench Valve Relief                      Non-Turbo All Fuel Inj, Carb. Omni and Horizon</p>	4	1.50mm 1.50mm 4.00mm	0.9009"	1.571"
			STD, .020", .030", .040"				Pin Hole Location: Offset
<b>Notes:</b>			For : From 3/26/86 For 1986 : Except L Body	<b>Piston Ring Sets:</b>			Cast Iron: <b>51286CP</b> Premium: <b>41286CP</b>

<b>2</b>			<b>2351 CC (2.4L) SOHC L4 3.41" (86.5mm) Mitsubishi</b>				<b>2</b>
1992-1990	W	<b>224-2905</b>	 <p>Material: Aluminum                      Flat Head W/3 Valve Reliefs</p>	4	1.50mm 1.50mm 4.00mm	0.8267"	1.370"
			STD, .020", .030", .040"				Pin Hole Location: Offset
				<b>Piston Ring Sets:</b>			Cast Iron: <b>51587</b> Premium: <b>41587</b>

<b>3</b>			<b>148 CID (2.4L) DOHC L4 3.44" (87.4mm)</b>				<b>3</b>
2000-1996	B	<b>224-3531</b>	 <p>Material: Aluminum                      Casting Number: 87L39                      Domed head w/3 valve reliefs                      Dome Height: 0.215"</p>	4	1.20mm 1.50mm 3.00mm	0.866"	1.226"
			STD, 25MM, 50MM, 75MM, 100MM				Pin Hole Location: Offset
				<b>Piston Ring Sets:</b>			Premium: <b>41857CP</b>



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VIN

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SPECS

QTY




RINGS

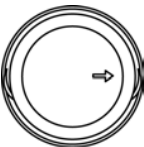


PIN DIA

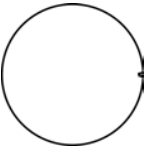


COMP HGT

4				153 CID (2.5L) L4 3.88" (98.4mm) Magnum				4	
2002-1996	P	224-3562		Material: Hypereutectic D shaped head recess Recess Depth: 0.116" Shallow groove, coated skirts	4	1.50mm 1.50mm 4.00mm	0.931"	1.592"	
STD, .020", .030", .040"				Pin Hole Location: Offset					
				<b>Piston Ring Sets:</b> Cast Iron: <b>51869CP</b> Premium: <b>41869CP</b>					

5				153 CID (2.5L) SOHC L4 3.44" (87.4mm)				5	
1995-1989	K	224-2783		Recessed Head w/2 Valve Reliefs Recess Depth: 0.135" Recess Diameter: 3.070" Non-Turbo Shallow Groove, Press fit pin	4	1.50mm 1.50mm 4.00mm	0.9009"	1.350"	
1995-1989	G								
STD, .020", .030", .040"				Pin Hole Location: Offset					
				<b>Piston Ring Sets:</b> Cast Iron: <b>51286CP</b> Premium: <b>41286CP</b>					

6				165 CID (2.7L) DOHC L5 3.46" (87.9mm) Mercedes-Benz DIESEL				6	
2003	2	224-3450		Material: Aluminum Casting Number: 88L65A6	5	2.50mm 2.00mm 3.00mm	1.181"	1.665"	
2003	1			Recess Depth: 0.5433" Flat with combustion chamber w/ 4 valve reliefs. Tapered Rod					
STD, .020", .040"									
<b>Notes:</b> Coated									

7				170 CID (2.8L) L6 3.40" (86.4mm)				7	
1969-1968	6	224-1397		Material: Aluminum Flat Head	6	5/64" 5/64" 3/16"	0.9012"	1.740"	
1969-1960	-								
STD, .020", .030", .040", .060"				Pin Hole Location: Offset					
				<b>Piston Ring Sets:</b> Cast Iron: <b>50276CP</b> Premium: <b>40276CP</b>					

8				181 CID (3.0L) SOHC V6 3.59" (91.1mm) Mitsubishi				8	
1992-1988	3	224-2946		Material: Aluminum Triangular head recess w/ 2 valve reliefs Recess Depth: 0.098" 6G72 Eng. Broken sets factory only	6	1.50mm 1.50mm 4.00mm	0.8665"	1.247"	
1991-1989	S								
STD, .020", .030", .040"				Pin Hole Location: Offset					
<b>Notes:</b> For Trucks, Vans: Thru 10/92				<b>Piston Ring Sets:</b> Cast Iron: <b>51458CP</b> Premium: <b>41458CP</b>					

# DODGE TRUCK

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COMP HGT

9		198 CID (3.2L) L6 3.40" (86.4mm)						9	
1971-1970	A	224-1397		Material: Aluminum	6	5/64"	0.9012"	1.740"	
1970	-			Flat Head			5/64"		
						3/16"			
				STD, .020", .030", .040", .060"				Pin Hole Location: Offset	
								<b>Piston Ring Sets:</b> Cast Iron: <b>50276CP</b> Premium: <b>40276CP</b>	

10		201 CID (3.3L) V6 3.66" (93.0mm) CNG						10	
1996-1994	R	224-2815		Material: Aluminum	6	1.50mm	0.9009"	1.260"	
1996-1994	J			Oval Recessed Head			1.50mm		
				Recess Depth: 0.090"					
				SEFI. Coated Skirts					
				STD, .020", .030", .040"				Pin Hole Location: Offset	
								<b>Piston Ring Sets:</b> Cast Iron: <b>51601</b> Premium: <b>41601</b>	

11		201 CID (3.3L) V6 3.66" (93.0mm)						11	
1997-1990	R	224-2815		Material: Aluminum	6	1.50mm	0.9009"	1.260"	
1996-1994	J			Oval Recessed Head			1.50mm		
				Recess Depth: 0.090"					
				SEFI. Coated Skirts					
				STD, .020", .030", .040"				Pin Hole Location: Offset	
								<b>Piston Ring Sets:</b> Cast Iron: <b>51601</b> Premium: <b>41601</b>	

2002-2000	R	224-3440		Flat Head	6	1.50mm	0.9009"	1.173"
2001	G			Coated Skirts, Shallow Groove			1.50mm	
						3.00mm		
				STD, .020", .030", .040"				<b>Piston Ring Sets:</b> Premium: <b>41860CP</b>

12		218 CID (3.6L) L-HEAD L6 3.25" (82.6mm)						12	
1954-1949	-	224-2751		Material: Aluminum	6	3/32"	0.8593"	1.978"	
				Flat Head					
				Plymouth Flat Head. Except Heavy Duty (U-Slot Type)					
				STD, .030", .040", .060"				Pin Hole Location: Center	
								<b>Piston Ring Sets:</b> Cast Iron: <b>539</b> Premium: <b>439</b>	

# DODGE TRUCK



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PIN DIA



COMP HGT

13		225 CID (3.7L) L6 3.40" (86.4mm)					13		
1987-1983	H	<b>224-1397</b>		Material: Aluminum	6	5/64"	0.9012"	1.740"	
1983	M			Flat Head			5/64"		
1982	W						3/16"		
1982-1981, 1978	E								
1980-1979	N			STD, .020", .030", .040", .060"					Pin Hole Location: Offset
1979-1970	B								
1977, 1971-1970	C								
1972-1971	X								
1970-1968	6								
1969-1960	-								

**Piston Ring Sets:** Cast Iron: **50276CP**  
Premium: **40276CP**

14		226 CID (3.7L) SOHC V6 3.66" (93.0mm) Magnum					14	
2005-2004	K	<b>224-3564</b>		Material: Aluminum	6	1.50mm	0.9449"	1.252"
				Casting Number: 93L27			1.50mm	
				Flat		3.00mm		
		STD, .010", .020", .030"						Pin Hole Location: Offset

**Piston Ring Sets:** Premium: **41903CP**

15		226 CID (3.7L) SOHC V6 3.66" (93.0mm) Power-Tech					15	
2005-2004	K	<b>224-3564</b>		Material: Aluminum	6	1.50mm	0.9449"	1.252"
				Casting Number: 93L27			1.50mm	
				Flat		3.00mm		
		STD, .010", .020", .030"						Pin Hole Location: Offset

**Piston Ring Sets:** Premium: **41903CP**

16		230 CID (3.8L) L-HEAD L6 3.25" (82.6mm)					16	
1959-1950	-	<b>224-2751</b>		Material: Aluminum	6	3/32"	0.8593"	1.978"
				Flat Head			3/32"	
				Plymouth Flat Head. Except Heavy Duty (U-Slot Type)		5/32"		
		STD, .030", .040", .060"				5/32"		Pin Hole Location: Center

**Piston Ring Sets:** Cast Iron: **539**  
Premium: **439**

# DODGE TRUCK

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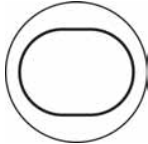


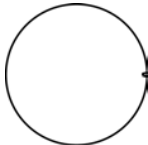
PIN DIA



COMP HGT

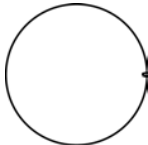
<b>17</b>	<b>230 CID (3.8L) V6 3.78" (96.0mm)</b>	<b>17</b>
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1999-1994	L	224-2814		Material: Aluminum  Oval Recessed Head Recess Depth: 0.192" Coated Skirts	6	1.50mm 1.50mm 3.00mm	0.9009"	1.369"	
STD, .020", .030", .040"									Pin Hole Location: Offset
				<b>Piston Ring Sets:</b> Cast Iron: <b>51696CP</b> Premium: <b>41696CP</b>					

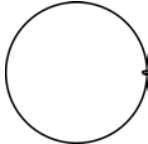
2003-2001	L	224-3444		Material: Aluminum  Flat Head Coated Skirts, Shallow Groove	6	1.50mm 1.50mm 3.00mm	0.9009"	1.283"
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STD, .020", .030", .040"								
<b>Notes:</b> Coated				<b>Piston Ring Sets:</b> Premium: <b>41696CP</b>				

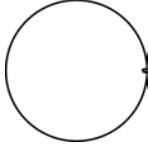
<b>18</b>	<b>239 CID (3.9L) V6 3.91" (99.3mm) Magnum</b>	<b>18</b>
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2003-1992	X	224-3437		Material: Hypereutectic  Flat Head Shallow Groove	6	2.00mm 2.00mm 4.00mm	0.9842"	1.741"
STD, .020", .030", .040", .060"								
<b>Notes:</b> Coated				<b>Piston Ring Sets:</b> Premium: <b>41844</b>				

<b>19</b>	<b>239 CID (3.9L) V6 3.91" (99.3mm)</b>	<b>19</b>
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1987	M	224-3437		Material: Hypereutectic  Flat Head Shallow Groove	6	2.00mm 2.00mm 4.00mm	0.9842"	1.741"
STD, .020", .030", .040", .060"								
<b>Notes:</b> Coated				<b>Piston Ring Sets:</b> Premium: <b>41844</b>				

<b>20</b>	<b>287 CID (4.7L) SOHC V8 3.66" (93.0mm) Power-Tech</b>	<b>20</b>
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2004-2000	N	224-3443		Material: Aluminum Casting Number: 93L27  Flat Head Coated skirts	8	1.50mm 1.50mm 3.00mm	0.9449"	1.252"
STD, .004", .010", .020", .030", .040"								
<b>Notes:</b> Coated				<b>Piston Ring Sets:</b> Premium: <b>41699</b>				

# DODGE TRUCK



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PIN DIA



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<b>21</b>	<b>318 CID (5.2L) V8 3.91" (99.3mm) Magnum CNG</b>	<b>21</b>
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2001-1999, Y 1997-1993	224-2007		Material: Aluminum	8	5/64"	0.9842"	1.741"
2001-1999, T 1997-1993			Flat Head w/ 4 valve reliefs 1973 press fit, 1991 and later use early style rings.			5/64"	
2000-1999	2				3/16"		
			STD, .020", .030", .040", .060"	Pin Hole Location: Offset			
			<b>Piston Ring Sets:</b> Cast Iron: <b>50069CP</b> Premium: <b>40069CP</b>				


2003-1999, Y 1997-1993	224-3408		Material: Hypereutectic	8	2.00mm	0.9842"	1.741"
2003-1999, T 1997-1993			Flat Head Shallow Groove.			2.00mm	
2000-1999	2				4.00mm		
			STD, .020", .030", .040", .060"	<b>Piston Ring Sets:</b> Cast Iron: <b>51709CP</b> Premium: <b>41709CP</b>			

<b>22</b>	<b>318 CID (5.2L) V8 3.91" (99.3mm) Magnum</b>	<b>22</b>
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2001-1992 Y 2001-1999, T 1997-1993	224-2007		Material: Aluminum	8	5/64"	0.9842"	1.741"
2000-1998	2		Flat Head w/ 4 valve reliefs 1973 press fit, 1991 and later use early style rings.			5/64"	
			STD, .020", .030", .040", .060"	Pin Hole Location: Offset			
			<b>Piston Ring Sets:</b> Cast Iron: <b>50069CP</b> Premium: <b>40069CP</b>				

2003-1992 Y 2003-1999, T 1997-1993	224-3408		Material: Hypereutectic	8	2.00mm	0.9842"	1.741"
2000-1998	2		Flat Head Shallow Groove.			2.00mm	
			STD, .020", .030", .040", .060"	<b>Piston Ring Sets:</b> Cast Iron: <b>51709CP</b> Premium: <b>41709CP</b>			

<b>23</b>	<b>318 CID (5.2L) V8 3.91" (99.3mm)</b>	<b>23</b>
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1991-1988 Y 1987-1983 T 1983 U 1982-1981 R 1982-1979 P 1980-1970 E 1975-1974, G 1971	224-2007		Material: Aluminum	8	5/64"	0.9842"	1.741"
1969-1968	8		Flat Head w/ 4 valve reliefs 1973 press fit, 1991 and later use early style rings.			5/64"	
			STD, .020", .030", .040", .060"	Pin Hole Location: Offset			
			<b>Piston Ring Sets:</b> Cast Iron: <b>50069CP</b> Premium: <b>40069CP</b>				

# DODGE TRUCK

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RINGS

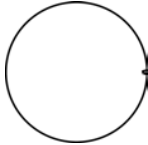


PIN DIA





COMP HGT

<b>23 (cont.)</b>	<b>318 CID (5.2L) V8 3.91" (99.3mm)</b>		<b>23 (cont.)</b>
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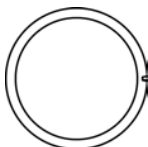
1991-1988	Y	<b>224-3408</b>		Material: Hypereutectic	8	2.00mm 2.00mm 4.00mm	0.9842"	1.741"	
				Flat Head Shallow Groove.					
STD, .020", .030", .040", .060"									
								<b>Piston Ring Sets:</b> Cast Iron: <b>51709CP</b> Premium: <b>41709CP</b>	

<b>24</b>	<b>318 CID (5.2L) V8 3.91" (99.3mm) Magnum LPG</b>		<b>24</b>
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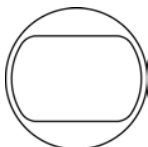
2000-1998	Y	<b>224-2007</b>		Material: Aluminum	8	5/64" 5/64" 3/16"	0.9842"	1.741"	
2000-1999	T			Flat Head w/ 4 valve reliefs					
2000-1998	2			1973 press fit, 1991 and later use early style rings.					
STD, .020", .030", .040", .060"									
								Pin Hole Location: Offset	
								<b>Piston Ring Sets:</b> Cast Iron: <b>50069CP</b> Premium: <b>40069CP</b>	

2000-1998	Y	<b>224-3408</b>		Material: Hypereutectic	8	2.00mm 2.00mm 4.00mm	0.9842"	1.741"	
2000-1999	T			Flat Head Shallow Groove.					
2000-1998	2								
STD, .020", .030", .040", .060"									
								<b>Piston Ring Sets:</b> Cast Iron: <b>51709CP</b> Premium: <b>41709CP</b>	

<b>25</b>	<b>345 CID (5.7L) V8 3.92" (99.57mm) HEMI</b>		<b>25</b>
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2004-2003	D	<b>224-3449</b>		Material: Aluminum Casting Number: 99L10A1	8	1.50mm 1.50mm 3.00mm	24mm	1.2106"	
				High Dome Dome Height: 0.157" Domed head . This is a .010" reduced CH. Coated skirts					
STD, .020", .030", .040"									
<b>Notes:</b> Coated								<b>Piston Ring Sets:</b> Premium: <b>41904CP</b>	

<b>26</b>	<b>360 CID (5.9L) V8 4.00" (101.6mm) Magnum</b>		<b>26</b>
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1997-1993	Z	<b>224-2907</b>		Material: Aluminum	8	1.50mm 1.50mm 4.00mm	0.9842"	1.605"	
				Recessed Head Rectangular w/Rounded Ends Recess Depth: 0.080"					
STD, .020", .030", .040"									
								Pin Hole Location: Offset	
								<b>Piston Ring Sets:</b> Cast Iron: <b>51716</b> Premium: <b>41716</b>	

# DODGE TRUCK



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RINGS

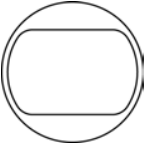


PIN DIA

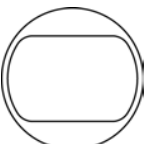


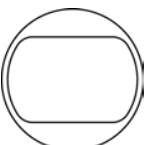
COMP HGT

## 26 (cont.) 360 CID (5.9L) V8 4.00" (101.6mm) Magnum 26 (cont.)

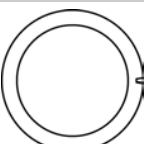
2002-1993	Z	<b>224-3476</b>		Material: Aluminum Casting Number: 101L31  Rectangular Recessed Head Recess Depth: 0.089" This is a .010" Reduced CH	8	1.50mm 1.50mm 4.00mm	0.984"	1.612"
STD, .020", .030", .040"								Pin Hole Location: Offset
					<b>Piston Ring Sets:</b> Cast Iron: <b>51716</b> Premium: <b>41716</b>			

## 27 360 CID (5.9L) V8 4.00" (101.6mm) Magnum HD 27

1999-1993	5	<b>224-2907</b>		Material: Aluminum  Recessed Head Rectangular w/Rounded Ends Recess Depth: 0.080"	8	1.50mm 1.50mm 4.00mm	0.9842"	1.605"
STD, .020", .030", .040"								Pin Hole Location: Offset
					<b>Piston Ring Sets:</b> Cast Iron: <b>51716</b> Premium: <b>41716</b>			

2002-1993	5	<b>224-3476</b>		Material: Aluminum Casting Number: 101L31  Rectangular Recessed Head Recess Depth: 0.089" This is a .010" Reduced CH	8	1.50mm 1.50mm 4.00mm	0.984"	1.612"
STD, .020", .030", .040"								Pin Hole Location: Offset
					<b>Piston Ring Sets:</b> Cast Iron: <b>51716</b> Premium: <b>41716</b>			

## 28 360 CID (5.9L) V8 4.00" (101.6mm) 28

1992-1987	5	<b>224-1850</b>		Material: Aluminum	8	5/64" 5/64" 3/16"	0.9842"	1.576"
1992-1989	Z			Recessed Head				
1988-1983	1			Recess Depth: 0.05"				
1988-1983	W			Recess Diameter: 3.130"				
1982	U			Thru 1992 trucks				
1982-1979	S	STD, .020", .030", .040", .060"						Pin Hole Location: Offset
1982-1979,	T							
1974								
1980	K							
1979-1971	F							
1972-1971	Y							

**Notes:** For Trucks, Vans: Except Low Compression

**Piston Ring Sets:** Cast Iron: **50564CP**  
Premium: **40564CP**

# DODGE TRUCK



YEAR

VIN

PART NUMBER



SPECS

QTY



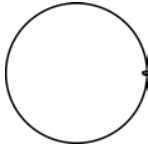
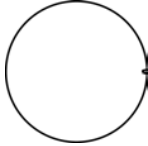
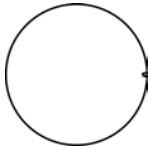
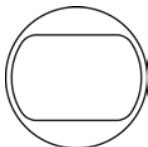
RINGS



PIN DIA



COMP HGT

<b>29</b>		<b>383 CID (6.3L) V8 4.25" (108.0mm)</b>					<b>29</b>	
1971, 1967, 1961-1960	-	<b>224-1699</b>		Material: Aluminum Flat Head Not destroyed when used in 1971 engines	8	5/64" 5/64" 3/16"	1.094"	1.848"
1971-1970	J							
1969-1968	8							
			STD, .030", .040", .060"					Pin Hole Location: Offset
<b>Notes:</b>		For Trucks: From Serial #(s) 21680000			<b>Piston Ring Sets:</b> Cast Iron: <b>50564CP</b> Premium: <b>40564CP</b>			
<b>30</b>		<b>400 CID (6.6L) V8 4.34" (110.2mm)</b>					<b>30</b>	
1978-1972	J	<b>224-1866</b>		Material: Aluminum Flat Head	8	5/64" 5/64" 3/16"	1.094"	1.812"
			STD, .030", .040", .060"					Pin Hole Location: Offset
					<b>Piston Ring Sets:</b> Cast Iron: <b>51050</b> Premium: <b>41050</b>			
<b>31</b>		<b>440 CID (7.2L) V8 4.32" (109.7mm)</b>					<b>31</b>	
1979-1973 1974	D A	<b>224-2009</b>		Material: Aluminum Flat Head	8	5/64" 5/64" 3/16"	1.094"	1.912"
			STD, .020", .030", .040", .060"					Pin Hole Location: Offset
					<b>Piston Ring Sets:</b> Cast Iron: <b>50722</b> Premium: <b>40722</b>			
<b>32</b>		<b>488 CID (8.0L) V10 4.00" (101.6mm) Magnum</b>					<b>32</b>	
2003-1994	W	<b>224-3563</b>		Material: Aluminum Casting Number: 101L31 Recessed Head Rectangular w/Rounded Ends Recess Depth: 0.035" Recess Diameter: 2.362"	10	1.50mm 1.50mm 4.00mm	0.984"	1.612"
			STD, .020", .030", .040"					Pin Hole Location: Offset
<b>Notes:</b>		with Cast Iron Block			<b>Piston Ring Sets:</b> Premium: <b>41992CP</b>			

# EAGLE CHRYSLER

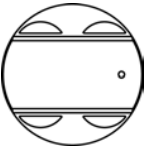
ENGINE	YEAR	BLOCK
107 CID (1.8L) SOHC L4 Mitsubishi	1994-1993	1
122 CID (2.0L) DOHC L4 Chrysler	1998-1995	2

ENGINE	YEAR	BLOCK
2351 CC (2.4L) SOHC L4 Mitsubishi	1996-1992	3
150 CID (2.5L) L4 AMC	1989-1988	4
201 CID (3.3L) V6 Chrysler	1997-1993	5
215 CID (3.5L) SOHC V6 Chrysler	1997-1993	6

MODEL	ENGINE	YEAR	BLOCK
Premier	150 CID (2.5L) L4 3.88" (98.5mm) AMC	1989-1988	4
Summit	2351 CC (2.4L) SOHC L4 3.41" (86.5mm) Mitsubishi	1996-1992	3
Talon	107 CID (1.8L) SOHC L4 3.17" (80.6mm) Mitsubishi	1994-1993	1
Talon	122 CID (2.0L) DOHC L4 3.45" (87.5mm) Chrysler	1998-1995	2
Vision	201 CID (3.3L) V6 3.66" (93.0mm) Chrysler	1997-1993	5
Vision	215 CID (3.5L) SOHC V6 3.78" (96.0mm) Chrysler	1997-1993	6

YEAR	VIN	PART NUMBER	SPECS	QTY	RINGS	PIN DIA	COMP HGT
------	-----	-------------	-------	-----	-------	---------	----------

1			107 CID (1.8L) SOHC L4 3.17" (80.6mm) Mitsubishi					1
1994-1993	B	224-2893	 <p>Material: Aluminum Dome Head w/2 Valve Reliefs Dome Height: 0.150" 4G37 Eng.</p>	4	1.50mm 1.50mm 4.00mm	0.7485"	1.320"	
			STD, .020", .030", .040"	Pin Hole Location: Offset				
			<b>Piston Ring Sets:</b> Cast Iron: <b>51598</b> Premium: <b>41598</b>					

2			122 CID (2.0L) DOHC L4 3.45" (87.5mm) Chrysler					2
1998-1995	Y	224-2883	 <p>Material: Hypereutectic Domed Head w/4 Valve Reliefs Dome Height: 0.035" Shallow Ring Grooves, Coated Skirts. Not intened for Racing Applications</p>	4	1.20mm 1.20mm 3.00mm	0.8267"	1.230"	
			STD, .020", .030", .040"	Pin Hole Location: Offset				
			<b>Piston Ring Sets:</b> Premium: <b>41851CP</b>					

3			2351 CC (2.4L) SOHC L4 3.41" (86.5mm) Mitsubishi					3
1992	W	224-2905	 <p>Material: Aluminum Flat Head W/3 Valve Reliefs</p>	4	1.50mm 1.50mm 4.00mm	0.8267"	1.370"	
			STD, .020", .030", .040"	Pin Hole Location: Offset				
			<b>Piston Ring Sets:</b> Cast Iron: <b>51587</b> Premium: <b>41587</b>					

# EAGLE CHRYSLER

# MAHLE



YEAR

VIN

PART NUMBER



SPECS



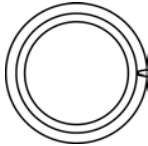
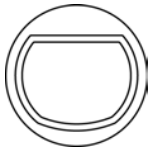

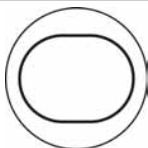
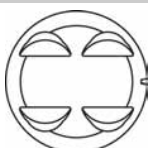
QTY RINGS



PIN DIA



COMP HGT

3 (cont.)		2351 CC (2.4L) SOHC L4 3.41" (86.5mm) Mitsubishi				3 (cont.)	
1996-1993	G	<b>224-2909</b>		Material: Aluminum Recessed Head Recess Depth: 0.160" Recess Diameter: 3.100" 4G64 Eng.	4	1.20mm 1.50mm 2.80mm	0.8665" 1.360"
			STD, .020", .030", .040"	Pin Hole Location: Offset			
				<b>Piston Ring Sets:</b> Premium: <b>41694</b>			
4		150 CID (2.5L) L4 3.88" (98.5mm) AMC				4	
1989	H	<b>224-2322</b>		Material: Aluminum Recessed Head Oval Shaped Recess Depth: 0.096" D Shaped Head Recess	4	5/64" 5/64" 3/16"	0.931" 1.581"
1988	Z		STD, .020", .030", .040", .060"	Pin Hole Location: Offset			
				<b>Piston Ring Sets:</b> Cast Iron: <b>50452CP</b> Premium: <b>40452CP</b>			
1989	H	<b>224-3555</b>		Material: Aluminum D Shaped Head Recess Recess Depth: 0.100"	4	5/64" 5/64" 3/16"	0.931" 1.581"
1988	Z		STD, .020", .030", .040", .060"	Pin Hole Location: Offset			
				<b>Piston Ring Sets:</b> Cast Iron: <b>50452CP</b> Premium: <b>40452CP</b>			
5		201 CID (3.3L) V6 3.66" (93.0mm) Chrysler				5	
1997-1993	T	<b>224-2815</b>		Material: Aluminum Oval Recessed Head Recess Depth: 0.090" SEFI. Coated Skirts	6	1.50mm 1.50mm 3.00mm	0.9009" 1.260"
1994	U		STD, .020", .030", .040"	Pin Hole Location: Offset			
				<b>Piston Ring Sets:</b> Cast Iron: <b>51601</b> Premium: <b>41601</b>			
6		215 CID (3.5L) SOHC V6 3.78" (96.0mm) Chrysler				6	
1997-1993	F	<b>224-2885</b>		Material: Hypereutectic Domed head w/ 4 valve reliefs Dome Height: 0.050" Domed head for both left and right applications. Full floating pin. Coated skirts. Not intended for Racing Applications	6	1.50mm 1.50mm 3.00mm	0.9449" 1.487"
			STD, .020", .030", .040"	Pin Hole Location: Offset			
				<b>Piston Ring Sets:</b> Cast Iron: <b>51696CP</b> Premium: <b>41696CP</b>			

# EAGLE CHRYSLER

# MAHLE



YEAR

VIN

PART NUMBER



SPECS



QTY RINGS



PIN DIA



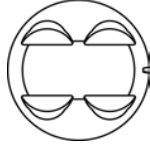
COMP HGT

## 6 (cont.) 215 CID (3.5L) SOHC V6 3.78" (96.0mm) Chrysler 6 (cont.)

1995-1993

F

224-3532



STD, 25MM, 50MM, 75MM, 100MM

Material: Aluminum  
Casting Number: 96V30+A6

Domed head w/ 4 valve reliefs  
Dome Height: 0.031"  
New Design Symmetrical Valve pockets. Universal style can be used for Left or Right bank.

6

1.50mm  
1.50mm  
3.00mm

0.945"

1.507"

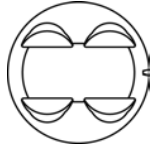
Pin Hole Location: Offset

**Piston Ring Sets:** Cast Iron: **51696CP**  
Premium: **41696CP**

1997-1996

F

224-3533



STD, 25MM, 50MM, 75MM, 100MM

Material: Aluminum  
Casting Number: 96V30+A6

Domed head w/ 4 valve reliefs  
Dome Height: 0.031"  
New Design Symmetrical Valve pockets. Universal style can be used for Left or Right bank. Coated skirts

6

1.20mm  
1.50mm  
3.00mm

0.945"

1.507"

Pin Hole Location: Offset

**Piston Ring Sets:** Premium: **41856CP**

# FORD

ENGINE	YEAR	BLOCK
1295 CC (1.3L) SOHC L4 Mazda	1993-1988	1
116 CID (1.9L) SOHC L4	1996-1987	2
121 CID (2.0L) DOHC L4 Zetec	2004-1995	3
122 CID (2.0L) SOHC L4	2004-1997	4
122 CID (2.0L) DOHC L4 Zetec	2004-2002	5
140 CID (2.3L) L4 HSC	1994-1984	6
140 CID (2.3L) L4 HSC-High Output	1991-1985	7
140 CID (2.3L) SOHC L4	1992-1974	8
140 CID (2.3L) SOHC L4 LPG	1985-1982	9
155 CID (2.5L) DOHC V6 Duratec	2002-1995	10
171 CID (2.8L) V6	1975-1974	11
177 CID (2.9L) V6	1989-1988	12
182 CID (3.0L) DOHC V6 Duratec	2005-1996	13
182 CID (3.0L) V6 Vulcan	1994-1986	14
200 CID (3.3L) L6	1983-1963	15
223 CID (3.7L) L6	1964-1954	16
232 CID (3.8L) V6	2000-1982	17
240 CID (3.9L) L6	1969-1965	18
250 CID (4.1L) L6	1980-1969	19
256 CID (4.2L) V8	1954	20
260 CID (4.3L) V8	1964-1962	21
281 CID (4.6L) SOHC V8 CNG	2003-1997	22
281 CID (4.6L) DOHC V8 InTech	1998-1993	23
281 CID (4.6L) DOHC V8	1998-1996	24
281 CID (4.6L) SOHC V8	2004-1991	25

ENGINE	YEAR	BLOCK
281 CID (4.6L) SOHC V8 Triton	1996	26
289 CID (4.7L) V8	1968-1964	27
292 CID (4.8L) V8	1962-1955	28
302 CID (5.0L) V8 HO	1995-1984, 1982	29
302 CID (5.0L) V8	1991-1968	30
312 CID (5.1L) V8	1960-1956	31
330 CID (5.4L) DOHC V8	2006-2005, 2000	32
351 CID (5.8L) V8 Cleveland	1974-1970	33
351 CID (5.8L) V8 HO	1977	34
351 CID (5.8L) V8 Modified	1981-1975	35
351 CID (5.8L) V8 Windsor	1991-1969	36
352 CID (5.8L) V8	1966-1958	37
390 CID (6.4L) V8	1971-1966	38
400 CID (6.6L) V8	1979-1971	39
410 CID (6.7L) V8	1967-1966	40
428 CID (7.0L) V8 Cobra Jet	1970-1967	41
429 CID (7.0L) V8 Thunder Jet	1973-1968	42
460 CID (7.5L) V8 HO	1978-1973	43
460 CID (7.5L) V8	1978-1968	44

MODEL	ENGINE	YEAR	BLOCK
Bobcat	140 CID (2.3L) SOHC L4 3.78" (96.0mm)	1980-1975	8
Bobcat	171 CID (2.8L) V6 3.66" (93.0mm)	1975	11
Breezeway	390 CID (6.4L) V8 4.05" (102.9mm)	1967-1966	38
Breezeway	410 CID (6.7L) V8 4.05" (102.9mm)	1967-1966	40
Brougham	410 CID (6.7L) V8 4.05" (102.9mm)	1967	40
Caliente	200 CID (3.3L) L6 3.68" (93.5mm)	1967-1964	15
Caliente	260 CID (4.3L) V8 3.80" (96.5mm)	1964	21
Caliente	289 CID (4.7L) V8 4.00" (101.6mm)	1967-1964	27
Caliente	390 CID (6.4L) V8 4.05" (102.9mm)	1967-1966	38
Capri	140 CID (2.3L) SOHC L4 3.78" (96.0mm)	1986-1979, 1977-1976	8
Capri	171 CID (2.8L) V6 3.66" (93.0mm)	1974	11
Capri	200 CID (3.3L) L6 3.68" (93.5mm)	1982-1979, 1967-1966	15
Capri	232 CID (3.8L) V6 3.81" (96.8mm)	1986-1983	17
Capri	302 CID (5.0L) V8 4.00" (101.6mm) HO	1986-1984	29
Capri	302 CID (5.0L) V8 4.00" (101.6mm)	1985-1982, 1979	30
Club	200 CID (3.3L) L6 3.68" (93.5mm)	1963	15
Club	223 CID (3.7L) L6 3.63" (92.2mm)	1964-1955	16
Club	260 CID (4.3L) V8 3.80" (96.5mm)	1964-1963	21
Club	289 CID (4.7L) V8 4.00" (101.6mm)	1964	27
Club	292 CID (4.8L) V8 3.75" (95.3mm)	1962-1958	28
Club	352 CID (5.8L) V8 4.00" (101.6mm)	1964-1958	37
Club Wagon	240 CID (3.9L) L6 4.00" (101.6mm)	1967	18
Colony Park	223 CID (3.7L) L6 3.63" (92.2mm)	1962-1961	16
Colony Park	292 CID (4.8L) V8 3.75" (95.3mm)	1962-1961	28
Colony Park	302 CID (5.0L) V8 4.00" (101.6mm)	1991-1987	30
Colony Park	312 CID (5.1L) V8 3.80" (96.5mm)	1960-1959	31
Colony Park	351 CID (5.8L) V8 4.00" (101.6mm) Cleveland	1973-1971	33
Colony Park	351 CID (5.8L) V8 4.00" (101.6mm) Windsor	1973-1971	36
Colony Park	352 CID (5.8L) V8 4.00" (101.6mm)	1962-1961	37
Colony Park	390 CID (6.4L) V8 4.05" (102.9mm)	1970-1966	38
Colony Park	400 CID (6.6L) V8 4.00" (101.6mm)	1974-1971	39

MODEL	ENGINE	YEAR	BLOCK
Colony Park	410 CID (6.7L) V8 4.05" (102.9mm)	1967-1966	40
Colony Park	428 CID (7.0L) V8 4.13" (104.9mm) Cobra Jet	1968	41
Colony Park	429 CID (7.0L) V8 4.36" (110.7mm) Thunder Jet	1973-1969	42
Colony Park	460 CID (7.5L) V8 4.36" (110.7mm)	1974-1972	44
Comet	200 CID (3.3L) L6 3.68" (93.5mm)	1977-1971, 1968-1964	15
Comet	250 CID (4.1L) L6 3.68" (93.5mm)	1977-1971, 1969	19
Comet	260 CID (4.3L) V8 3.80" (96.5mm)	1964-1963	21
Comet	289 CID (4.7L) V8 4.00" (101.6mm)	1967-1964	27
Comet	302 CID (5.0L) V8 4.00" (101.6mm)	1977-1971, 1969-1968	30
Comet	351 CID (5.8L) V8 4.00" (101.6mm) Windsor	1969	36
Comet	390 CID (6.4L) V8 4.05" (102.9mm)	1969-1966	38
Commuter	223 CID (3.7L) L6 3.63" (92.2mm)	1961	16
Commuter	289 CID (4.7L) V8 4.00" (101.6mm)	1967	27
Commuter	292 CID (4.8L) V8 3.75" (95.3mm)	1961	28
Commuter	312 CID (5.1L) V8 3.80" (96.5mm)	1960-1957	31
Commuter	352 CID (5.8L) V8 4.00" (101.6mm)	1961	37
Commuter	390 CID (6.4L) V8 4.05" (102.9mm)	1968-1966	38
Commuter	410 CID (6.7L) V8 4.05" (102.9mm)	1967-1966	40
Commuter	428 CID (7.0L) V8 4.13" (104.9mm) Cobra Jet	1968	41
Continental	232 CID (3.8L) V6 3.81" (96.8mm)	1994-1988, 1982	17
Continental	281 CID (4.6L) DOHC V8 3.55" (90.2mm) InTech	1998-1995	23
Continental	302 CID (5.0L) V8 4.00" (101.6mm)	1987-1982, 1980	30
Continental	351 CID (5.8L) V8 4.00" (101.6mm) Modified	1980	35
Continental	351 CID (5.8L) V8 4.00" (101.6mm) Windsor	1980	36
Continental	400 CID (6.6L) V8 4.00" (101.6mm)	1979-1977	39
Continental	429 CID (7.0L) V8 4.36" (110.7mm) Thunder Jet	1968	42
Continental	460 CID (7.5L) V8 4.36" (110.7mm)	1978-1968	44
Contour	121 CID (2.0L) DOHC L4 3.34" (84.8mm) Zetec	2000-1995	3
Contour	155 CID (2.5L) DOHC V6 3.24" (82.3mm) Duratec	2000-1995	10
Cougar	121 CID (2.0L) DOHC L4 3.34" (84.8mm) Zetec	2002-1999	3
Cougar	140 CID (2.3L) SOHC L4 3.78" (96.0mm)	1981	8
Cougar	140 CID (2.3L) SOHC L4 3.78" (96.0mm) LPG	1982	9
Cougar	155 CID (2.5L) DOHC V6 3.24" (82.3mm) Duratec	2002-1999	10
Cougar	200 CID (3.3L) L6 3.68" (93.5mm)	1982-1980	15
Cougar	232 CID (3.8L) V6 3.81" (96.8mm)	1997-1982	17
Cougar	281 CID (4.6L) SOHC V8 3.55" (90.2mm)	1997-1994	25
Cougar	289 CID (4.7L) V8 4.00" (101.6mm)	1968-1967	27
Cougar	302 CID (5.0L) V8 4.00" (101.6mm) HO	1993-1991	29
Cougar	302 CID (5.0L) V8 4.00" (101.6mm)	1988-1983, 1981-1977 1970-1968	30
Cougar	351 CID (5.8L) V8 4.00" (101.6mm) Cleveland	1974-1970	33
Cougar	351 CID (5.8L) V8 4.00" (101.6mm) Modified	1979-1975	35
Cougar	351 CID (5.8L) V8 4.00" (101.6mm) Windsor	1979-1969	36
Cougar	390 CID (6.4L) V8 4.05" (102.9mm)	1969-1967	38
Cougar	400 CID (6.6L) V8 4.00" (101.6mm)	1978-1973	39
Cougar	428 CID (7.0L) V8 4.13" (104.9mm) Cobra Jet	1970-1968	41
Cougar	429 CID (7.0L) V8 4.36" (110.7mm) Thunder Jet	1971	42
Cougar	460 CID (7.5L) V8 4.36" (110.7mm)	1976-1973	44
Country Cruiser	200 CID (3.3L) L6 3.68" (93.5mm)	1963	15
Country Cruiser	312 CID (5.1L) V8 3.80" (96.5mm)	1960-1959	31
Country Sedan	200 CID (3.3L) L6 3.68" (93.5mm)	1967-1963	15
Country Sedan	223 CID (3.7L) L6 3.63" (92.2mm)	1964-1954	16
Country Sedan	240 CID (3.9L) L6 4.00" (101.6mm)	1969-1965	18
Country Sedan	256 CID (4.2L) V8 3.63" (92.2mm)	1954	20
Country Sedan	260 CID (4.3L) V8 3.80" (96.5mm)	1964-1963	21

MODEL	ENGINE	YEAR	BLOCK
Country Sedan	289 CID (4.7L) V8 4.00" (101.6mm)	1967-1964	27
Country Sedan	292 CID (4.8L) V8 3.75" (95.3mm)	1962-1958	28
Country Sedan	302 CID (5.0L) V8 4.00" (101.6mm)	1972-1971, 1969-1968	30
Country Sedan	351 CID (5.8L) V8 4.00" (101.6mm) Cleveland	1974-1970	33
Country Sedan	351 CID (5.8L) V8 4.00" (101.6mm) Windsor	1974-1969	36
Country Sedan	352 CID (5.8L) V8 4.00" (101.6mm)	1966-1958	37
Country Sedan	390 CID (6.4L) V8 4.05" (102.9mm)	1971-1966	38
Country Sedan	400 CID (6.6L) V8 4.00" (101.6mm)	1974-1971	39
Country Sedan	428 CID (7.0L) V8 4.13" (104.9mm) Cobra Jet	1970-1968	41
Country Sedan	429 CID (7.0L) V8 4.36" (110.7mm) Thunder Jet	1973-1969	42
Country Sedan	460 CID (7.5L) V8 4.36" (110.7mm)	1974-1972	44
Country Squire	200 CID (3.3L) L6 3.68" (93.5mm)	1967-1963	15
Country Squire	223 CID (3.7L) L6 3.63" (92.2mm)	1964-1954	16
Country Squire	240 CID (3.9L) L6 4.00" (101.6mm)	1967-1965	18
Country Squire	256 CID (4.2L) V8 3.63" (92.2mm)	1954	20
Country Squire	260 CID (4.3L) V8 3.80" (96.5mm)	1964-1963	21
Country Squire	289 CID (4.7L) V8 4.00" (101.6mm)	1967-1964	27
Country Squire	292 CID (4.8L) V8 3.75" (95.3mm)	1962-1958	28
Country Squire	302 CID (5.0L) V8 4.00" (101.6mm)	1991-1987, 1972-1968	30
Country Squire	351 CID (5.8L) V8 4.00" (101.6mm) Cleveland	1974-1970	33
Country Squire	351 CID (5.8L) V8 4.00" (101.6mm) Windsor	1974-1969	36
Country Squire	352 CID (5.8L) V8 4.00" (101.6mm)	1966-1958	37
Country Squire	390 CID (6.4L) V8 4.05" (102.9mm)	1971-1967	38
Country Squire	400 CID (6.6L) V8 4.00" (101.6mm)	1974-1971	39
Country Squire	428 CID (7.0L) V8 4.13" (104.9mm) Cobra Jet	1969-1968	41
Country Squire	429 CID (7.0L) V8 4.36" (110.7mm) Thunder Jet	1973-1969	42
Country Squire	460 CID (7.5L) V8 4.36" (110.7mm)	1974-1972	44
Courier Sedan Delivery	223 CID (3.7L) L6 3.63" (92.2mm)	1960-1954	16
Courier Sedan Delivery	292 CID (4.8L) V8 3.75" (95.3mm)	1958-1957	28
Courier Sedan Delivery	352 CID (5.8L) V8 4.00" (101.6mm)	1958	37
Crestline	223 CID (3.7L) L6 3.63" (92.2mm)	1954	16
Crestline	256 CID (4.2L) V8 3.63" (92.2mm)	1954	20
Crown Victoria	281 CID (4.6L) SOHC V8 3.55" (90.2mm) CNG	2003-1997	22
Crown Victoria	281 CID (4.6L) SOHC V8 3.55" (90.2mm)	2004-1992	25
Crown Victoria	281 CID (4.6L) SOHC V8 3.55" (90.2mm) Triton	1996	26
Custom	223 CID (3.7L) L6 3.63" (92.2mm)	1964, 1957	16
Custom	240 CID (3.9L) L6 4.00" (101.6mm)	1969-1968, 1966	18
Custom	256 CID (4.2L) V8 3.63" (92.2mm)	1954	20
Custom	260 CID (4.3L) V8 3.80" (96.5mm)	1964	21
Custom	289 CID (4.7L) V8 4.00" (101.6mm)	1967-1965	27
Custom	292 CID (4.8L) V8 3.75" (95.3mm)	1957, 1955	28
Custom	302 CID (5.0L) V8 4.00" (101.6mm)	1972-1968	30
Custom	312 CID (5.1L) V8 3.80" (96.5mm)	1956	31
Custom	351 CID (5.8L) V8 4.00" (101.6mm) Cleveland	1972-1970	33
Custom	351 CID (5.8L) V8 4.00" (101.6mm) Windsor	1972-1969	36
Custom	352 CID (5.8L) V8 4.00" (101.6mm)	1966-1964	37
Custom	390 CID (6.4L) V8 4.05" (102.9mm)	1971-1966	38
Custom	400 CID (6.6L) V8 4.00" (101.6mm)	1972-1971	39
Custom	428 CID (7.0L) V8 4.13" (104.9mm) Cobra Jet	1970-1968	41
Custom	429 CID (7.0L) V8 4.36" (110.7mm) Thunder Jet	1972-1969	42
Custom 300	223 CID (3.7L) L6 3.63" (92.2mm)	1959-1957	16
Custom 300	292 CID (4.8L) V8 3.75" (95.3mm)	1959-1957	28
Custom 300	352 CID (5.8L) V8 4.00" (101.6mm)	1960-1958	37
Custom 500	240 CID (3.9L) L6 4.00" (101.6mm)	1969-1965	18
Custom 500	260 CID (4.3L) V8 3.80" (96.5mm)		21

MODEL	ENGINE	YEAR	BLOCK
Custom 500	289 CID (4.7L) V8 4.00" (101.6mm)	1968-1964	27
Custom 500	302 CID (5.0L) V8 4.00" (101.6mm)	1972-1968	30
Custom 500	351 CID (5.8L) V8 4.00" (101.6mm) Cleveland	1974-1970	33
Custom 500	351 CID (5.8L) V8 4.00" (101.6mm) Modified	1977-1975	35
Custom 500	351 CID (5.8L) V8 4.00" (101.6mm) Windsor	1977-1969	36
Custom 500	352 CID (5.8L) V8 4.00" (101.6mm)	1966-1964	37
Custom 500	390 CID (6.4L) V8 4.05" (102.9mm)	1971-1966	38
Custom 500	400 CID (6.6L) V8 4.00" (101.6mm)	1977-1971	39
Custom 500	428 CID (7.0L) V8 4.13" (104.9mm) Cobra Jet	1970-1968	41
Custom 500	429 CID (7.0L) V8 4.36" (110.7mm) Thunder Jet	1973-1969	42
Custom 500	460 CID (7.5L) V8 4.36" (110.7mm) HO	1976-1974	43
Custom 500	460 CID (7.5L) V8 4.36" (110.7mm)	1976-1973	44
Customline	223 CID (3.7L) L6 3.63" (92.2mm)	1956-1954	16
Customline	256 CID (4.2L) V8 3.63" (92.2mm)	1954	20
Cyclone	200 CID (3.3L) L6 3.68" (93.5mm)	1964	15
Cyclone	260 CID (4.3L) V8 3.80" (96.5mm)	1964	21
Cyclone	289 CID (4.7L) V8 4.00" (101.6mm)	1967-1964	27
Cyclone	302 CID (5.0L) V8 4.00" (101.6mm)	1970-1968	30
Cyclone	351 CID (5.8L) V8 4.00" (101.6mm) Cleveland	1971-1970	33
Cyclone	351 CID (5.8L) V8 4.00" (101.6mm) Windsor	1971-1969	36
Cyclone	390 CID (6.4L) V8 4.05" (102.9mm)	1969-1966	38
Cyclone	428 CID (7.0L) V8 4.13" (104.9mm) Cobra Jet	1969-1968	41
Cyclone	429 CID (7.0L) V8 4.36" (110.7mm) Thunder Jet	1971-1970	42
Del Rio Wagon	223 CID (3.7L) L6 3.63" (92.2mm)	1958-1957	16
Del Rio Wagon	292 CID (4.8L) V8 3.75" (95.3mm)	1958-1957	28
Del Rio Wagon	312 CID (5.1L) V8 3.80" (96.5mm)	1957	31
Del Rio Wagon	352 CID (5.8L) V8 4.00" (101.6mm)	1958	37
Elite	351 CID (5.8L) V8 4.00" (101.6mm) Modified	1976-1975	35
Elite	351 CID (5.8L) V8 4.00" (101.6mm) Windsor	1976-1975	36
Elite	400 CID (6.6L) V8 4.00" (101.6mm)	1976-1975	39
Elite	460 CID (7.5L) V8 4.36" (110.7mm)	1976-1975	44
Escort	116 CID (1.9L) SOHC L4 3.23" (82.0mm)	1996-1987	2
Escort	121 CID (2.0L) DOHC L4 3.34" (84.8mm) Zetec	2003-1998	3
Escort	122 CID (2.0L) SOHC L4 3.34" (84.8mm)	2002-1997	4
EXP	116 CID (1.9L) SOHC L4 3.23" (82.0mm)	1988-1987	2
Fairlane	200 CID (3.3L) L6 3.68" (93.5mm)	1969-1964	15
Fairlane	223 CID (3.7L) L6 3.63" (92.2mm)	1962-1955	16
Fairlane	250 CID (4.1L) L6 3.68" (93.5mm)	1970-1969	19
Fairlane	260 CID (4.3L) V8 3.80" (96.5mm)	1964-1962	21
Fairlane	289 CID (4.7L) V8 4.00" (101.6mm)	1968-1964	27
Fairlane	292 CID (4.8L) V8 3.75" (95.3mm)	1962-1956	28
Fairlane	302 CID (5.0L) V8 4.00" (101.6mm)	1970-1968	30
Fairlane	312 CID (5.1L) V8 3.80" (96.5mm)	1957	31
Fairlane	351 CID (5.8L) V8 4.00" (101.6mm) Cleveland	1970	33
Fairlane	351 CID (5.8L) V8 4.00" (101.6mm) Windsor	1970-1969	36
Fairlane	352 CID (5.8L) V8 4.00" (101.6mm)	1966-1958	37
Fairlane	390 CID (6.4L) V8 4.05" (102.9mm)	1970-1966	38
Fairlane	428 CID (7.0L) V8 4.13" (104.9mm) Cobra Jet	1969-1968	41
Fairlane	429 CID (7.0L) V8 4.36" (110.7mm) Thunder Jet	1970	42
Fairmont	140 CID (2.3L) SOHC L4 3.78" (96.0mm)	1983-1978	8
Fairmont	200 CID (3.3L) L6 3.68" (93.5mm)	1983-1978	15
Fairmont	302 CID (5.0L) V8 4.00" (101.6mm)	1979-1978	30
Falcon	200 CID (3.3L) L6 3.68" (93.5mm)	1970-1963	15
Falcon	250 CID (4.1L) L6 3.68" (93.5mm)	1970	19
Falcon	260 CID (4.3L) V8 3.80" (96.5mm)	1964-1963	21

MODEL	ENGINE	YEAR	BLOCK
Falcon	289 CID (4.7L) V8 4.00" (101.6mm)	1968-1964	27
Falcon	302 CID (5.0L) V8 4.00" (101.6mm)	1970-1968	30
Falcon	351 CID (5.8L) V8 4.00" (101.6mm) Cleveland	1970	33
Falcon	351 CID (5.8L) V8 4.00" (101.6mm) Windsor	1970	36
Falcon	429 CID (7.0L) V8 4.36" (110.7mm) Thunder Jet	1970	42
Falcon Sedan Delivery	200 CID (3.3L) L6 3.68" (93.5mm)	1965-1964	15
Falcon Sedan Delivery	260 CID (4.3L) V8 3.80" (96.5mm)	1964-1963	21
Falcon Sedan Delivery	289 CID (4.7L) V8 4.00" (101.6mm)	1965	27
Festiva	1295 CC (1.3L) SOHC L4 2.80" (71.0mm) Mazda	1993-1988	1
Focus	121 CID (2.0L) DOHC L4 3.34" (84.8mm) Zetec	2004-2000	3
Focus	122 CID (2.0L) SOHC L4 3.34" (84.8mm)	2004-2000	4
Focus	122 CID (2.0L) DOHC L4 3.34" (84.8mm) Zetec	2004-2002	5
Ford 300	200 CID (3.3L) L6 3.68" (93.5mm)	1963	15
Ford 300	223 CID (3.7L) L6 3.63" (92.2mm)	1963	16
Ford 300	260 CID (4.3L) V8 3.80" (96.5mm)	1963	21
Ford 300	352 CID (5.8L) V8 4.00" (101.6mm)	1963	37
Galaxie	200 CID (3.3L) L6 3.68" (93.5mm)	1963	15
Galaxie	223 CID (3.7L) L6 3.63" (92.2mm)	1964-1959	16
Galaxie	240 CID (3.9L) L6 4.00" (101.6mm)	1967-1965	18
Galaxie	260 CID (4.3L) V8 3.80" (96.5mm)	1964-1963	21
Galaxie	289 CID (4.7L) V8 4.00" (101.6mm)	1967-1964	27
Galaxie	292 CID (4.8L) V8 3.75" (95.3mm)	1962-1959	28
Galaxie	352 CID (5.8L) V8 4.00" (101.6mm)	1966-1959	37
Galaxie	390 CID (6.4L) V8 4.05" (102.9mm)	1967-1966	38
Galaxie	428 CID (7.0L) V8 4.13" (104.9mm) Cobra Jet	1967	41
Galaxie 500	200 CID (3.3L) L6 3.68" (93.5mm)	1963	15
Galaxie 500	223 CID (3.7L) L6 3.63" (92.2mm)	1964-1962	16
Galaxie 500	240 CID (3.9L) L6 4.00" (101.6mm)	1969-1965	18
Galaxie 500	260 CID (4.3L) V8 3.80" (96.5mm)	1964-1963	21
Galaxie 500	289 CID (4.7L) V8 4.00" (101.6mm)	1967-1964	27
Galaxie 500	292 CID (4.8L) V8 3.75" (95.3mm)	1962	28
Galaxie 500	302 CID (5.0L) V8 4.00" (101.6mm)	1972-1968	30
Galaxie 500	351 CID (5.8L) V8 4.00" (101.6mm) Cleveland	1974-1970	33
Galaxie 500	351 CID (5.8L) V8 4.00" (101.6mm) Windsor	1974-1969	36
Galaxie 500	352 CID (5.8L) V8 4.00" (101.6mm)	1966-1962	37
Galaxie 500	390 CID (6.4L) V8 4.05" (102.9mm)	1971-1966	38
Galaxie 500	400 CID (6.6L) V8 4.00" (101.6mm)	1974-1971	39
Galaxie 500	428 CID (7.0L) V8 4.13" (104.9mm) Cobra Jet	1969-1968	41
Galaxie 500	429 CID (7.0L) V8 4.36" (110.7mm) Thunder Jet	1973-1969	42
Galaxie 500	460 CID (7.5L) V8 4.36" (110.7mm) HO	1974	43
Galaxie 500	460 CID (7.5L) V8 4.36" (110.7mm)	1974-1973	44
Gran Torino	250 CID (4.1L) L6 3.68" (93.5mm)	1974-1972	19
Gran Torino	302 CID (5.0L) V8 4.00" (101.6mm)	1974-1972	30
Gran Torino	351 CID (5.8L) V8 4.00" (101.6mm) Cleveland	1974-1972	33
Gran Torino	351 CID (5.8L) V8 4.00" (101.6mm) Modified	1976-1975	35
Gran Torino	351 CID (5.8L) V8 4.00" (101.6mm) Windsor	1976-1972	36
Gran Torino	400 CID (6.6L) V8 4.00" (101.6mm)	1976-1972	39
Gran Torino	429 CID (7.0L) V8 4.36" (110.7mm) Thunder Jet	1973-1972	42
Gran Torino	460 CID (7.5L) V8 4.36" (110.7mm)	1976-1974	44
Granada	140 CID (2.3L) SOHC L4 3.78" (96.0mm)	1982-1981	8
Granada	200 CID (3.3L) L6 3.68" (93.5mm)	1982-1981, 1977-1975	15
Granada	232 CID (3.8L) V6 3.81" (96.8mm)	1982	17
Granada	250 CID (4.1L) L6 3.68" (93.5mm)	1980-1975	19
Granada	302 CID (5.0L) V8 4.00" (101.6mm)	1980-1975	30
Granada	351 CID (5.8L) V8 4.00" (101.6mm) Windsor	1977-1975	36

MODEL	ENGINE	YEAR	BLOCK
Grand Marquis	281 CID (4.6L) SOHC V8 3.55" (90.2mm)	2004-1992	25
Grand Marquis	281 CID (4.6L) SOHC V8 3.55" (90.2mm) Triton	1996	26
Grand Marquis	302 CID (5.0L) V8 4.00" (101.6mm)	1991-1979	30
Grand Marquis	351 CID (5.8L) V8 4.00" (101.6mm) Modified	1981-1980, 1978	35
Grand Marquis	351 CID (5.8L) V8 4.00" (101.6mm) Windsor	1989-1983, 1981-1978	36
Grand Marquis	400 CID (6.6L) V8 4.00" (101.6mm)	1978-1975	39
Grand Marquis	460 CID (7.5L) V8 4.36" (110.7mm)	1978-1975	44
GT	330 CID (5.4L) DOHC V8 3.55" (90.2mm)	2006-2005	32
GT40	289 CID (4.7L) V8 4.00" (101.6mm)	1968-1966	27
LS	182 CID (3.0L) DOHC V6 3.50" (89.0mm) Duratec	2005-2000	13
LTD	140 CID (2.3L) SOHC L4 3.78" (96.0mm)	1986-1983	8
LTD	140 CID (2.3L) SOHC L4 3.78" (96.0mm) LPG	1985-1983	9
LTD	200 CID (3.3L) L6 3.68" (93.5mm)	1983	15
LTD	232 CID (3.8L) V6 3.81" (96.8mm)	1986-1983	17
LTD	289 CID (4.7L) V8 4.00" (101.6mm)	1968-1965	27
LTD	302 CID (5.0L) V8 4.00" (101.6mm) HO	1985-1984	29
LTD	302 CID (5.0L) V8 4.00" (101.6mm)	1986-1977, 1972-1968	30
LTD	351 CID (5.8L) V8 4.00" (101.6mm) Cleveland	1974-1970	33
LTD	351 CID (5.8L) V8 4.00" (101.6mm) Modified	1978-1975	35
LTD	351 CID (5.8L) V8 4.00" (101.6mm) Windsor	1986-1969	36
LTD	352 CID (5.8L) V8 4.00" (101.6mm)	1966-1965	37
LTD	390 CID (6.4L) V8 4.05" (102.9mm)	1971-1966	38
LTD	400 CID (6.6L) V8 4.00" (101.6mm)	1978-1971	39
LTD	428 CID (7.0L) V8 4.13" (104.9mm) Cobra Jet	1969-1967	41
LTD	429 CID (7.0L) V8 4.36" (110.7mm) Thunder Jet	1973-1969	42
LTD	460 CID (7.5L) V8 4.36" (110.7mm) HO	1978-1975	43
LTD	460 CID (7.5L) V8 4.36" (110.7mm)	1978-1972	44
LTD Crown Victoria	302 CID (5.0L) V8 4.00" (101.6mm)	1991-1987	30
LTD Crown Victoria	351 CID (5.8L) V8 4.00" (101.6mm) Windsor	1991-1987	36
LTD II	302 CID (5.0L) V8 4.00" (101.6mm)	1979-1977	30
LTD II	351 CID (5.8L) V8 4.00" (101.6mm) Modified	1979-1977	35
LTD II	351 CID (5.8L) V8 4.00" (101.6mm) Windsor	1979-1977	36
LTD II	400 CID (6.6L) V8 4.00" (101.6mm)	1978-1977	39
Lynx	116 CID (1.9L) SOHC L4 3.23" (82.0mm)	1987	2
Mainline	223 CID (3.7L) L6 3.63" (92.2mm)	1956-1954	16
Mainline	256 CID (4.2L) V8 3.63" (92.2mm)	1954	20
Mainline	292 CID (4.8L) V8 3.75" (95.3mm)	1956-1955	28
Mainline	312 CID (5.1L) V8 3.80" (96.5mm)	1956	31
Marauder	390 CID (6.4L) V8 4.05" (102.9mm)	1970-1969, 1967-1966	38
Marauder	429 CID (7.0L) V8 4.36" (110.7mm) Thunder Jet	1970-1969	42
Mark III	460 CID (7.5L) V8 4.36" (110.7mm)	1971-1968	44
Mark IV	460 CID (7.5L) V8 4.36" (110.7mm)	1976-1972	44
Mark V	400 CID (6.6L) V8 4.00" (101.6mm)	1979-1977	39
Mark V	460 CID (7.5L) V8 4.36" (110.7mm)	1978-1977	44
Mark VI	302 CID (5.0L) V8 4.00" (101.6mm)	1983-1980	30
Mark VI	351 CID (5.8L) V8 4.00" (101.6mm) Modified	1980	35
Mark VI	351 CID (5.8L) V8 4.00" (101.6mm) Windsor	1980	36
Mark VII	302 CID (5.0L) V8 4.00" (101.6mm) HO	1992-1985	29
Mark VII	302 CID (5.0L) V8 4.00" (101.6mm)	1987-1984	30
Mark VIII	281 CID (4.6L) DOHC V8 3.55" (90.2mm) InTech	1998-1993	23
Marquis	140 CID (2.3L) SOHC L4 3.78" (96.0mm)	1986-1983	8
Marquis	140 CID (2.3L) SOHC L4 3.78" (96.0mm) LPG	1984-1983	9
Marquis	200 CID (3.3L) L6 3.68" (93.5mm)	1983	15
Marquis	232 CID (3.8L) V6 3.81" (96.8mm)	1986-1983	17
Marquis	302 CID (5.0L) V8 4.00" (101.6mm) HO	1985	29

MODEL	ENGINE	YEAR	BLOCK
Marquis	302 CID (5.0L) V8 4.00" (101.6mm)	1982-1979	30
Marquis	351 CID (5.8L) V8 4.00" (101.6mm) Cleveland	1973-1971	33
Marquis	351 CID (5.8L) V8 4.00" (101.6mm) Modified	1981-1980, 1978	35
Marquis	351 CID (5.8L) V8 4.00" (101.6mm) Windsor	1982-1978, 1973-1971	36
Marquis	390 CID (6.4L) V8 4.05" (102.9mm)	1970-1968	38
Marquis	400 CID (6.6L) V8 4.00" (101.6mm)	1978-1971	39
Marquis	410 CID (6.7L) V8 4.05" (102.9mm)	1967	40
Marquis	428 CID (7.0L) V8 4.13" (104.9mm) Cobra Jet	1969-1968	41
Marquis	429 CID (7.0L) V8 4.36" (110.7mm) Thunder Jet	1973-1969	42
Marquis	460 CID (7.5L) V8 4.36" (110.7mm) HO	1978, 1976	43
Marquis	460 CID (7.5L) V8 4.36" (110.7mm)	1978-1972	44
Maverick	200 CID (3.3L) L6 3.68" (93.5mm)	1977-1969	15
Maverick	250 CID (4.1L) L6 3.68" (93.5mm)	1977-1970	19
Maverick	302 CID (5.0L) V8 4.00" (101.6mm)	1977-1971	30
Medalist	312 CID (5.1L) V8 3.80" (96.5mm)	1958, 1956	31
Meteor	200 CID (3.3L) L6 3.68" (93.5mm)	1963	15
Meteor	223 CID (3.7L) L6 3.63" (92.2mm)	1961	16
Meteor	292 CID (4.8L) V8 3.75" (95.3mm)	1961	28
Meteor	352 CID (5.8L) V8 4.00" (101.6mm)	1961	37
Monarch	200 CID (3.3L) L6 3.68" (93.5mm)	1977-1975	15
Monarch	250 CID (4.1L) L6 3.68" (93.5mm)	1980-1975	19
Monarch	302 CID (5.0L) V8 4.00" (101.6mm)	1980-1975	30
Monarch	351 CID (5.8L) V8 4.00" (101.6mm) Windsor	1977-1975	36
Montclair	292 CID (4.8L) V8 3.75" (95.3mm)	1955	28
Montclair	312 CID (5.1L) V8 3.80" (96.5mm)	1960-1956	31
Montclair	390 CID (6.4L) V8 4.05" (102.9mm)	1968-1966	38
Montclair	410 CID (6.7L) V8 4.05" (102.9mm)	1967-1966	40
Montclair	428 CID (7.0L) V8 4.13" (104.9mm) Cobra Jet	1968	41
Montego	200 CID (3.3L) L6 3.68" (93.5mm)	1968	15
Montego	250 CID (4.1L) L6 3.68" (93.5mm)	1974-1969	19
Montego	302 CID (5.0L) V8 4.00" (101.6mm)	1974-1968	30
Montego	351 CID (5.8L) V8 4.00" (101.6mm) Cleveland	1974-1970	33
Montego	351 CID (5.8L) V8 4.00" (101.6mm) Modified	1976-1975	35
Montego	351 CID (5.8L) V8 4.00" (101.6mm) Windsor	1976-1969	36
Montego	390 CID (6.4L) V8 4.05" (102.9mm)	1969-1968	38
Montego	400 CID (6.6L) V8 4.00" (101.6mm)	1976-1972	39
Montego	428 CID (7.0L) V8 4.13" (104.9mm) Cobra Jet	1969-1968	41
Montego	429 CID (7.0L) V8 4.36" (110.7mm) Thunder Jet	1973-1970	42
Montego	460 CID (7.5L) V8 4.36" (110.7mm) HO	1973	43
Montego	460 CID (7.5L) V8 4.36" (110.7mm)	1976-1974	44
Monterey	223 CID (3.7L) L6 3.63" (92.2mm)	1962-1961	16
Monterey	256 CID (4.2L) V8 3.63" (92.2mm)	1954	20
Monterey	292 CID (4.8L) V8 3.75" (95.3mm)	1962-1961, 1955	28
Monterey	312 CID (5.1L) V8 3.80" (96.5mm)	1960-1956	31
Monterey	351 CID (5.8L) V8 4.00" (101.6mm) Cleveland	1973-1971	33
Monterey	351 CID (5.8L) V8 4.00" (101.6mm) Windsor	1973-1971	36
Monterey	352 CID (5.8L) V8 4.00" (101.6mm)	1962-1961	37
Monterey	390 CID (6.4L) V8 4.05" (102.9mm)	1970-1966	38
Monterey	400 CID (6.6L) V8 4.00" (101.6mm)	1974-1971	39
Monterey	410 CID (6.7L) V8 4.05" (102.9mm)	1967-1966	40
Monterey	428 CID (7.0L) V8 4.13" (104.9mm) Cobra Jet	1970-1968	41
Monterey	429 CID (7.0L) V8 4.36" (110.7mm) Thunder Jet	1973-1969	42
Monterey	460 CID (7.5L) V8 4.36" (110.7mm) HO	1974	43
Monterey	460 CID (7.5L) V8 4.36" (110.7mm)	1974-1972	44
Mustang	140 CID (2.3L) SOHC L4 3.78" (96.0mm)	1992-1979	8

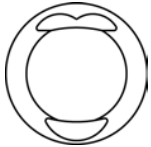
MODEL	ENGINE	YEAR	BLOCK
Mustang	200 CID (3.3L) L6 3.68" (93.5mm)	1982-1979, 1970-1964	15
Mustang	232 CID (3.8L) V6 3.81" (96.8mm)	2000-1994, 1986-1983	17
Mustang	250 CID (4.1L) L6 3.68" (93.5mm)	1973-1969	19
Mustang	260 CID (4.3L) V8 3.80" (96.5mm)	1964	21
Mustang	281 CID (4.6L) DOHC V8 3.55" (90.2mm)	1998-1996	24
Mustang	281 CID (4.6L) SOHC V8 3.55" (90.2mm)	2004-1996	25
Mustang	289 CID (4.7L) V8 4.00" (101.6mm)	1968-1964	27
Mustang	302 CID (5.0L) V8 4.00" (101.6mm) HO	1995-1984, 1982	29
Mustang	302 CID (5.0L) V8 4.00" (101.6mm)	1985-1983, 1979 1973-1968	30
Mustang	330 CID (5.4L) DOHC V8 3.55" (90.2mm)	2000	32
Mustang	351 CID (5.8L) V8 4.00" (101.6mm) Cleveland	1973-1970	33
Mustang	351 CID (5.8L) V8 4.00" (101.6mm) Windsor	1973-1969	36
Mustang	390 CID (6.4L) V8 4.05" (102.9mm)	1969-1967	38
Mustang	428 CID (7.0L) V8 4.13" (104.9mm) Cobra Jet	1970-1968	41
Mustang	429 CID (7.0L) V8 4.36" (110.7mm) Thunder Jet	1971-1970	42
Mustang II	140 CID (2.3L) SOHC L4 3.78" (96.0mm)	1978-1974	8
Mustang II	171 CID (2.8L) V6 3.66" (93.0mm)	1975-1974	11
Mustang II	302 CID (5.0L) V8 4.00" (101.6mm)	1978-1975	30
Mystique	121 CID (2.0L) DOHC L4 3.34" (84.8mm) Zetec	2000-1995	3
Mystique	155 CID (2.5L) DOHC V6 3.24" (82.3mm) Duratec	2000-1995	10
Park Lane	312 CID (5.1L) V8 3.80" (96.5mm)	1959	31
Park Lane	390 CID (6.4L) V8 4.05" (102.9mm)	1968, 1966	38
Park Lane	410 CID (6.7L) V8 4.05" (102.9mm)	1967-1966	40
Park Lane	428 CID (7.0L) V8 4.13" (104.9mm) Cobra Jet	1968	41
Park Lane Wagon	223 CID (3.7L) L6 3.63" (92.2mm)	1956	16
Parklane	428 CID (7.0L) V8 4.13" (104.9mm) Cobra Jet	1968	41
Pinto	140 CID (2.3L) SOHC L4 3.78" (96.0mm)	1980-1974	8
Pinto	171 CID (2.8L) V6 3.66" (93.0mm)	1975	11
Probe	182 CID (3.0L) V6 3.50" (89.0mm) Vulcan	1992-1990	14
Ranch Wagon	200 CID (3.3L) L6 3.68" (93.5mm)	1967-1966, 1963	15
Ranch Wagon	223 CID (3.7L) L6 3.63" (92.2mm)	1964-1954	16
Ranch Wagon	240 CID (3.9L) L6 4.00" (101.6mm)	1969-1965	18
Ranch Wagon	256 CID (4.2L) V8 3.63" (92.2mm)	1954	20
Ranch Wagon	260 CID (4.3L) V8 3.80" (96.5mm)	1964-1963	21
Ranch Wagon	289 CID (4.7L) V8 4.00" (101.6mm)	1968-1964	27
Ranch Wagon	292 CID (4.8L) V8 3.75" (95.3mm)	1962-1956	28
Ranch Wagon	302 CID (5.0L) V8 4.00" (101.6mm)	1972-1968	30
Ranch Wagon	351 CID (5.8L) V8 4.00" (101.6mm) Cleveland	1974-1970	33
Ranch Wagon	351 CID (5.8L) V8 4.00" (101.6mm) Windsor	1974-1969	36
Ranch Wagon	352 CID (5.8L) V8 4.00" (101.6mm)	1966-1958	37
Ranch Wagon	390 CID (6.4L) V8 4.05" (102.9mm)	1971-1966	38
Ranch Wagon	400 CID (6.6L) V8 4.00" (101.6mm)	1974-1971	39
Ranch Wagon	428 CID (7.0L) V8 4.13" (104.9mm) Cobra Jet	1970-1968	41
Ranch Wagon	429 CID (7.0L) V8 4.36" (110.7mm) Thunder Jet	1973-1969	42
Ranch Wagon	460 CID (7.5L) V8 4.36" (110.7mm)	1974-1973	44
Ranger	223 CID (3.7L) L6 3.63" (92.2mm)	1960-1959	16
Ranger	292 CID (4.8L) V8 3.75" (95.3mm)	1960-1959	28
S-55	390 CID (6.4L) V8 4.05" (102.9mm)	1966	38
S-55	410 CID (6.7L) V8 4.05" (102.9mm)	1966	40
Sable	182 CID (3.0L) DOHC V6 3.50" (89.0mm) Duratec	2005-1996	13
Sable	182 CID (3.0L) V6 3.50" (89.0mm) Vulcan	1994-1986	14
Sable	232 CID (3.8L) V6 3.81" (96.8mm)	1995-1988	17
Scorpio	177 CID (2.9L) V6 3.66" (93.0mm)	1989-1988	12
Skyliner	223 CID (3.7L) L6 3.63" (92.2mm)	1956-1954	16

MODEL	ENGINE	YEAR	BLOCK
Skyliner	256 CID (4.2L) V8 3.63" (92.2mm)	1954	20
Skyliner	292 CID (4.8L) V8 3.75" (95.3mm)	1959-1958	28
Skyliner	352 CID (5.8L) V8 4.00" (101.6mm)	1959-1958	37
Sprint	260 CID (4.3L) V8 3.80" (96.5mm)	1964-1963	21
Starliner	223 CID (3.7L) L6 3.63" (92.2mm)	1961-1960	16
Starliner	292 CID (4.8L) V8 3.75" (95.3mm)	1961-1960	28
Starliner	352 CID (5.8L) V8 4.00" (101.6mm)	1961-1960	37
Sunliner	200 CID (3.3L) L6 3.68" (93.5mm)	1963	15
Sunliner	223 CID (3.7L) L6 3.63" (92.2mm)	1964-1963, 1961-1954	16
Sunliner	256 CID (4.2L) V8 3.63" (92.2mm)	1954	20
Sunliner	260 CID (4.3L) V8 3.80" (96.5mm)	1964	21
Sunliner	292 CID (4.8L) V8 3.75" (95.3mm)	1962-1958	28
Sunliner	352 CID (5.8L) V8 4.00" (101.6mm)	1964-1958	37
Taurus	182 CID (3.0L) DOHC V6 3.50" (89.0mm) Duratec	2005-1996	13
Taurus	182 CID (3.0L) V6 3.50" (89.0mm) Vulcan	1994-1986	14
Taurus	232 CID (3.8L) V6 3.81" (96.8mm)	1995-1988	17
Tempo	140 CID (2.3L) L4 3.70" (94.0mm) HSC	1994-1984	6
Tempo	140 CID (2.3L) L4 3.70" (94.0mm) HSC-High Output	1991-1985	7
Tempo	182 CID (3.0L) V6 3.50" (89.0mm) Vulcan	1994-1992	14
Thunderbird	200 CID (3.3L) L6 3.68" (93.5mm)	1980	15
Thunderbird	232 CID (3.8L) V6 3.81" (96.8mm)	1997-1982	17
Thunderbird	281 CID (4.6L) SOHC V8 3.55" (90.2mm)	1997-1994	25
Thunderbird	292 CID (4.8L) V8 3.75" (95.3mm)	1958-1955	28
Thunderbird	302 CID (5.0L) V8 4.00" (101.6mm) HO	1993-1991	29
Thunderbird	302 CID (5.0L) V8 4.00" (101.6mm)	1988-1983, 1981-1977	30
Thunderbird	312 CID (5.1L) V8 3.80" (96.5mm)	1957-1956	31
Thunderbird	351 CID (5.8L) V8 4.00" (101.6mm) Modified	1979-1977	35
Thunderbird	351 CID (5.8L) V8 4.00" (101.6mm) Windsor	1979-1977	36
Thunderbird	352 CID (5.8L) V8 4.00" (101.6mm)	1960-1958	37
Thunderbird	390 CID (6.4L) V8 4.05" (102.9mm)	1968-1966	38
Thunderbird	400 CID (6.6L) V8 4.00" (101.6mm)	1978-1977, 1972	39
Thunderbird	429 CID (7.0L) V8 4.36" (110.7mm) Thunder Jet	1973-1968	42
Thunderbird	460 CID (7.5L) V8 4.36" (110.7mm)	1976-1972	44
Topaz	140 CID (2.3L) L4 3.70" (94.0mm) HSC	1994-1984	6
Topaz	140 CID (2.3L) L4 3.70" (94.0mm) HSC-High Output	1991-1985	7
Topaz	182 CID (3.0L) V6 3.50" (89.0mm) Vulcan	1994-1992	14
Torino	200 CID (3.3L) L6 3.68" (93.5mm)	1968	15
Torino	250 CID (4.1L) L6 3.68" (93.5mm)	1974-1969	19
Torino	289 CID (4.7L) V8 4.00" (101.6mm)	1968	27
Torino	302 CID (5.0L) V8 4.00" (101.6mm)	1974-1968	30
Torino	351 CID (5.8L) V8 4.00" (101.6mm) Cleveland	1974-1970	33
Torino	351 CID (5.8L) V8 4.00" (101.6mm) Modified	1976-1975	35
Torino	351 CID (5.8L) V8 4.00" (101.6mm) Windsor	1976-1969	36
Torino	390 CID (6.4L) V8 4.05" (102.9mm)	1969-1968	38
Torino	400 CID (6.6L) V8 4.00" (101.6mm)	1976-1972	39
Torino	428 CID (7.0L) V8 4.13" (104.9mm) Cobra Jet	1969-1968	41
Torino	429 CID (7.0L) V8 4.36" (110.7mm) Thunder Jet	1973-1970	42
Torino	460 CID (7.5L) V8 4.36" (110.7mm) HO	1976-1975, 1973	43
Torino	460 CID (7.5L) V8 4.36" (110.7mm)	1976-1974	44
Town Car	281 CID (4.6L) SOHC V8 3.55" (90.2mm)	2004-1991	25
Town Car	302 CID (5.0L) V8 4.00" (101.6mm)	1990-1981	30
Tracer	116 CID (1.9L) SOHC L4 3.23" (82.0mm)	1996-1991	2
Tracer	122 CID (2.0L) SOHC L4 3.34" (84.8mm)	1999-1997	4
Versailles	302 CID (5.0L) V8 4.00" (101.6mm)	1980-1977	30
Versailles	351 CID (5.8L) V8 4.00" (101.6mm) HO	1977	34

MODEL	ENGINE	YEAR	BLOCK
Versailles	351 CID (5.8L) V8 4.00" (101.6mm) Windsor	1977	36
Victoria	200 CID (3.3L) L6 3.68" (93.5mm)	1963	15
Victoria	223 CID (3.7L) L6 3.63" (92.2mm)	1964-1954	16
Victoria	256 CID (4.2L) V8 3.63" (92.2mm)	1954	20
Victoria	260 CID (4.3L) V8 3.80" (96.5mm)	1964-1963	21
Victoria	292 CID (4.8L) V8 3.75" (95.3mm)	1962-1958	28
Victoria	352 CID (5.8L) V8 4.00" (101.6mm)	1964-1958	37
Villager	200 CID (3.3L) L6 3.68" (93.5mm)	1967-1964	15
Villager	260 CID (4.3L) V8 3.80" (96.5mm)	1963	21
Villager	289 CID (4.7L) V8 4.00" (101.6mm)	1967-1964	27
Villager	292 CID (4.8L) V8 3.75" (95.3mm)	1960-1959	28
Villager	390 CID (6.4L) V8 4.05" (102.9mm)	1967-1966	38
Voyager	200 CID (3.3L) L6 3.68" (93.5mm)	1967-1966	15
Voyager	289 CID (4.7L) V8 4.00" (101.6mm)	1967-1966	27
Voyager	312 CID (5.1L) V8 3.80" (96.5mm)	1959, 1957	31
Voyager	390 CID (6.4L) V8 4.05" (102.9mm)	1967-1966	38
Zephyr	140 CID (2.3L) SOHC L4 3.78" (96.0mm)	1983-1978	8
Zephyr	200 CID (3.3L) L6 3.68" (93.5mm)	1983-1978	15
Zephyr	302 CID (5.0L) V8 4.00" (101.6mm)	1979-1978	30

YEAR	VIN	PART NUMBER	SPECS	QTY	RINGS	PIN DIA	COMP HGT
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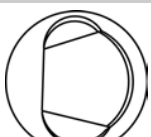
<b>1</b>	<b>1295 CC (1.3L) SOHC L4 2.80" (71.0mm) Mazda</b>						<b>1</b>
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1993-1989	H	<b>224-2557</b>	 <p>Material: Aluminum Recess Head w/ 3 valve reliefs Recess Depth: 0.040" Recess Diameter: 2.400"</p>	4	1.20mm	0.787"	1.120"
1989-1988	K	<p>1.50mm 3.00mm</p>					

STD, .020"

**Piston Ring Sets:** Premium: **41607**

<b>2</b>	<b>116 CID (1.9L) SOHC L4 3.23" (82.0mm)</b>						<b>2</b>
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1996-1987	J	<b>224-2554</b>	 <p>Material: Aluminum Wedge type Recess Head w/ 2 valve reliefs Shallow Groove.</p>	4	1.50mm	0.8121"	1.286"
1990-1987	9	<p>1.50mm 3.00mm</p>					

STD, .020", .030", .040"

Pin Hole Location: Offset

**Notes:** From 1987 to 1990: Central Fuel Injection

**Piston Ring Sets:** Cast Iron: **51554CP**  
Premium: **41554CP**



YEAR

VIN

PART NUMBER



SPECS

QTY






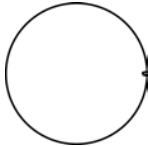
RINGS



PIN DIA



COMP HGT

3		121 CID (2.0L) DOHC L4 3.34" (84.8mm) Zetec					3	
1997-1996	Z	<b>224-2975</b>		Material: Aluminum Casting Number: 84V140	4	1.50mm 1.75mm 3.00mm	0.8122"	1.301"
1997-1995	3			Dome head w/3 valve reliefs Dome Height: + .050" 2 valve reliefs are 5.23mm deep, and one is 6.47mm deep.				Pin Hole Location: Offset
			STD, .020", .030", .040"					
								<b>Piston Ring Sets:</b> Premium: <b>51724CP</b>
4		122 CID (2.0L) SOHC L4 3.34" (84.8mm)					4	
2004-1997	3	<b>224-3430</b>		Material: Aluminum Casting Number: 84L54	4	1.50mm 1.75mm 3.00mm	0.787"	1.157"
				Dome Head w/ 3 valve reliefs Dome Height: .031" Coated Skirts				
			STD, .010", .020", .030", .040"					
<b>Notes:</b>			Coated					<b>Piston Ring Sets:</b> Premium: <b>41724</b>
5		122 CID (2.0L) DOHC L4 3.34" (84.8mm) Zetec					5	
2004-2002	5	<b>224-3430</b>		Material: Hypereutectic Casting Number: 84L54	4	1.50mm 1.50mm 3.00mm	0.812"	1.460"
				Dome Head w/ 2 valve reliefs Dome Height: .190" Shallow Ring Grooves, Coated Skirts				
			STD, .020", .030", .040"					
<b>Notes:</b>			Coated					<b>Piston Ring Sets:</b> Premium: <b>41874CP</b>
6		140 CID (2.3L) L4 3.70" (94.0mm) HSC					6	
1994-1985	X	<b>224-2283</b>		Material: Aluminum	4	5/64" 5/64" 3/16"	0.9122"	1.5"
1984	R			Flat Head				
			STD, .020", .030", .040"					Pin Hole Location: Offset
								<b>Piston Ring Sets:</b> Cast Iron: <b>51421CP</b> Premium: <b>41421CP</b>

FORD

MAHLE



YEAR

VIN

PART NUMBER



SPECS

QTY



RINGS

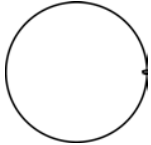


PIN DIA




COMP HGT

**7 140 CID (2.3L) L4 3.70" (94.0mm) HSC-High Output 7**


1991-1985	S	<b>224-2283</b>		Material: Aluminum Flat Head	4	5/64" 5/64" 3/16"	0.9122"	1.5"
			STD, .020", .030", .040"		Pin Hole Location: Offset			
				<b>Piston Ring Sets:</b>	Cast Iron: <b>51421CP</b> Premium: <b>41421CP</b>			

**8 140 CID (2.3L) SOHC L4 3.78" (96.0mm) 8**

1984-1983	6	<b>224-1946</b>		Material: Aluminum Flat Head w/2 Valve Reliefs Non-Turbo.	4	5/64" 5/64" 3/16"	0.9122"	1.578"
1984-1980	A							
1982-1981	T							
1979-1974	Y							
			STD, .020", .030", .040", .060"		Pin Hole Location: Offset			
				<b>Piston Ring Sets:</b>	Cast Iron: <b>51421CP</b> Premium: <b>41421CP</b>			

1992-1991	M	<b>224-3065</b>		Material: Aluminum Flat Head w/2 Valve Reliefs Shallow Groove.	4	1.50mm 1.50mm 4.00mm	0.9122"	1.578"
1990-1985	A							
1985	6							
			STD, .020", .030", .040", .060"		Pin Hole Location: Offset			
				<b>Piston Ring Sets:</b>	Cast Iron: <b>51495CP</b> Premium: <b>41495CP</b>			

**9 140 CID (2.3L) SOHC L4 3.78" (96.0mm) LPG 9**

1984-1983	A	<b>224-1946</b>		Material: Aluminum Flat Head w/2 Valve Reliefs Non-Turbo.	4	5/64" 5/64" 3/16"	0.9122"	1.578"
1984-1982	6							
			STD, .020", .030", .040", .060"		Pin Hole Location: Offset			
				<b>Piston Ring Sets:</b>	Cast Iron: <b>51421CP</b> Premium: <b>41421CP</b>			

1985	A	<b>224-3065</b>		Material: Aluminum Flat Head w/2 Valve Reliefs Shallow Groove.	4	1.50mm 1.50mm 4.00mm	0.9122"	1.578"
1985	6							
			STD, .020", .030", .040", .060"		Pin Hole Location: Offset			
				<b>Piston Ring Sets:</b>	Cast Iron: <b>51495CP</b> Premium: <b>41495CP</b>			



YEAR

VIN

PART NUMBER



SPECS

QTY



RINGS



PIN DIA

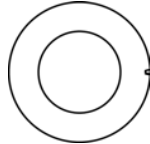


COMP HGT

**10 155 CID (2.5L) DOHC V6 3.24" (82.3mm) Duratec 10**

1999-1995 L  
1999-1998 G

**224-3431**



Material: Hypereutectic  
Dome Head  
Dome Height: .057"  
Shallow Ring Grooves, Coated Skirts,

6 1.20mm 0.827" 1.171"  
1.50mm  
3.00mm

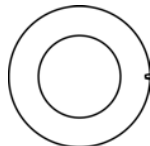
STD, .020", .030", .040"

**Notes:** Coated

**Piston Ring Sets:** Premium: **41722**

2002-2000 L  
2001-2000 G

**224-3466**



Material: Hypereutectic  
Dome  
Dome Height: 0.096"  
Shallow Groove, Coated Skirts

6 1.20mm 0.8273" 1.171"  
1.50mm  
3.00mm

STD, .020", .030", .040"

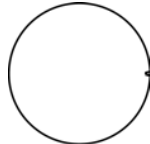
**Notes:** with Shallow Oil Groove

**Piston Ring Sets:** Premium: **41726**

**11 171 CID (2.8L) V6 3.66" (93.0mm) 11**

1975-1974 Z

**224-1999**



Material: Aluminum  
Flat Head

6 2.00mm 0.945" 1.511"  
2.50mm  
4.00mm

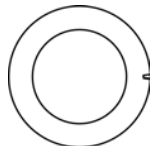
STD, .020", .030", .040"

**Piston Ring Sets:** Cast Iron: **51104CP**  
Premium: **41104CP**

**12 177 CID (2.9L) V6 3.66" (93.0mm) 12**

1989-1988 V

**224-2699**



Recessed Head  
Recess Depth: 0.300"  
Recess Diameter: 2.420"  
Shallow Groove.

6 1.60mm 0.945" 1.527"  
1.75mm  
3.50mm

STD, .020", .030", .040"

Pin Hole Location: Offset

**Piston Ring Sets:** Cast Iron: **51514CP**  
Premium: **41514CP**

**13 182 CID (3.0L) DOHC V6 3.50" (89.0mm) Duratec 13**

2005-1996 S

**224-3428**



Material: Hypereutectic  
Dome Head w/ 4 valve reliefs  
Dome Height: .028"  
Shallow Groove, Coated Skirts

6 1.20mm 0.8272" 1.171"  
1.50mm  
3.00mm

STD, .020", .030", .040"

Pin Hole Location: Offset

**Notes:** Coated

**Piston Ring Sets:** Premium: **41731**



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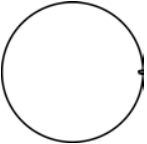


PIN DIA



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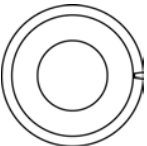
**14**    **182 CID (3.0L) V6 3.50" (89.0mm) Vulcan**    **14**

1994-1986	U	<b>224-2353</b>	 <p>Material: Hypereutectic Flat Head Not destroyed after Jan. 1990. Shallow Groove.</p>	6	1.50mm	0.9122"	1.535"
1994-1993	1	STD, .020", .030", .040"			1.50mm 4.00mm		

Pin Hole Location: Offset

**Piston Ring Sets:** Premium: **41721**

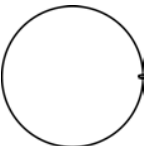
**15**    **200 CID (3.3L) L6 3.68" (93.5mm)**    **15**

1983	X	<b>224-1650</b>	 <p>Material: Aluminum Recessed Head Recess Depth: 0.085" Recess Diameter: 2.220"</p>	6	5/64"	0.9122"	1.500"
1982-1980	B	STD, .020", .030", .040", .060"			5/64"		
1979-1968	T				3/16"		
1967-1963	-						

Pin Hole Location: Offset

**Piston Ring Sets:** Cast Iron: **50565CP**  
Premium: **40565CP**


**16**    **223 CID (3.7L) L6 3.63" (92.2mm)**    **16**

1964-1954	-	<b>224-2901</b>	 <p>Material: Aluminum Flat Head</p>	6	3/32"	0.9122"	1.857"
		STD, .020", .030", .040", .060"			3/32" 3/16"		

Pin Hole Location: Offset


**Piston Ring Sets:** Premium: **40222**

**17**    **232 CID (3.8L) V6 3.81" (96.8mm)**    **17**

1987-1982	3	<b>224-2187</b>	 <p>Material: Aluminum Recess Depth: 0.071" Recess Diameter: 2.170" Recess Head w/2 valve reliefs</p>	6	2.00mm	0.912"	1.584"
1987	4	STD, .030", .040", .060"			2.00mm		
1984	C				4.00mm		

Pin Hole Location: Offset

**Piston Ring Sets:** Cast Iron: **51413CP**  
Premium: **41413CP**

1995-1988	4	<b>224-2555</b>	 <p>Material: Aluminum Recessed Head w/2 Valve Reliefs Recess Depth: 0.145" Recess Diameter: 2.170" Non-supercharged. Shallow Groove.</p>	6	1.50mm	0.9122"	1.614"
		STD, .020", .030", .040"			1.50mm 4.00mm		

Pin Hole Location: Offset

**Notes:** For Cars: without Police Package

**Piston Ring Sets:** Cast Iron: **51553CP**  
Premium: **41553CP**



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**17 (cont.) 232 CID (3.8L) V6 3.81" (96.8mm) 17 (cont.)**

2000-1996	4	<b>224-3419</b>		Material: Hypereutectic Recessed Head Recess Depth: 0.100" Recess Diameter: 2.150" Non-Supercharged	6	1.50mm 1.50mm 3.00mm	0.9054"	1.430"
-----------	---	-----------------	--	---	---	----------------------------	---------	--------

STD, .020", .030", .040" Pin Hole Location: Offset

**Notes:** Coated

**Piston Ring Sets:** Cast Iron: **51732CP**  
Premium: **41732CP**

**18 240 CID (3.9L) L6 4.00" (101.6mm) 18**

1969-1968	E	<b>224-1916</b>		Material: Aluminum Recessed Head w/4 Valve Reliefs Recess Depth: 0.140" Recess Diameter: 2.450"	8	5/64"	0.9122"	1.585"
1969-1968	B				5/64"			
1968	V				3/16"			
1967-1965	-							

STD, .020", .030", .040", .060" Pin Hole Location: Offset

**Notes:** For : To Change Level 16

**Piston Ring Sets:** Cast Iron: **50564CP**  
Premium: **40564CP**

**19 250 CID (4.1L) L6 3.68" (93.5mm) 19**

1980	C	<b>224-1650</b>		Material: Aluminum Recessed Head Recess Depth: 0.085" Recess Diameter: 2.220"	6	5/64"	0.9122"	1.500"
1979-1969	L				5/64" 3/16"			

STD, .020", .030", .040", .060" Pin Hole Location: Offset

**Piston Ring Sets:** Cast Iron: **50565CP**  
Premium: **40565CP**

**20 256 CID (4.2L) V8 3.63" (92.2mm) 20**

1954	Z	<b>224-2901</b>		Material: Aluminum Flat Head	6	3/32" 3/32" 3/16"	0.9122"	1.857"
------	---	-----------------	--	---------------------------------	---	-------------------------	---------	--------

STD, .020", .030", .040", .060" Pin Hole Location: Offset

**Piston Ring Sets:** Premium: **40222**

**21 260 CID (4.3L) V8 3.80" (96.5mm) 21**

1964-1962	-	<b>224-1529</b>		Material: Aluminum Flat Head	8	5/64" 3/32" 3/16"	0.9122"	1.580"
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STD, .020", .030", .040", .060" Pin Hole Location: Offset

**Piston Ring Sets:** Cast Iron: **50009**  
Premium: **40009**



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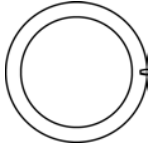


PIN DIA

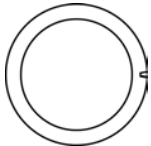


COMP HGT

**22 281 CID (4.6L) SOHC V8 3.55" (90.2mm) CNG 22**

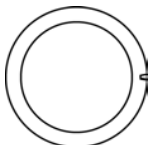
1998-1997	W	<b>224-2882</b>	 STD, .020", .030", .040"	Material: Hypereutectic  Recessed Head Recess Depth: 0.157" Recess Diameter: 2.700" Shallow Groove, Coated Skirts. SOHC and DOHC	8	1.50mm	0.8665"	1.200"
1998-1997	9	1.50mm 3.00mm				Pin Hole Location: Offset		

**Piston Ring Sets:** Premium: **41787CP**

2003-1999	W	<b>224-3413</b>	 STD, .020", .030"	Material: Aluminum  Recessed Head Recess Depth: 0.193" Recess Diameter: 2.931" Shallow Top Groove .131". Coated Skirt.	8	1.50mm	0.866"	1.216"
2003-1999	9	1.50mm 3.00mm						

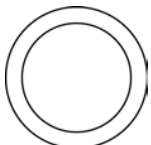
**Notes:** From 1999 to 2000: Power Improved

**Piston Ring Sets:** Premium: **41787CP**

2003-2001	W	<b>224-3438</b>	 STD, .020", .030", .040"	Material: Hypereutectic  Bowl Recess Depth: 0.150" Recess Diameter: 3.050" Shallow Groove, Coated Skirts	8	1.50mm	0.866"	1.215"
		1.50mm 3.00mm				Pin Hole Location: Offset		

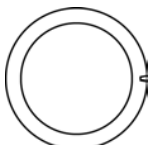
**Notes:** Coated

**Piston Ring Sets:** Premium: **41787CP**

1998-1997	W	<b>224-3550</b>	 STD, .020", .030", .040"	Material: Aluminum Casting Number: 90L77  Recessed head Recess Depth: 0.0062" Deep top ring groove (3.825mm/.151"). Coated skirts	8	1.50mm	0.866"	1.22"
		1.50mm 3.00mm				Pin Hole Location: Offset		

**Piston Ring Sets:** Premium: **42046CP**

**23 281 CID (4.6L) DOHC V8 3.55" (90.2mm) InTech 23**

1998-1993	V	<b>224-2882</b>	 STD, .020", .030", .040"	Material: Hypereutectic  Recessed Head Recess Depth: 0.157" Recess Diameter: 2.700" Shallow Groove, Coated Skirts. SOHC and DOHC	8	1.50mm	0.8665"	1.200"
		1.50mm 3.00mm				Pin Hole Location: Offset		

**Piston Ring Sets:** Premium: **41787CP**



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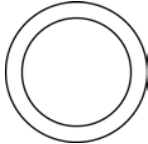


PIN DIA



COMP HGT

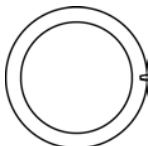
**23 (cont.) 281 CID (4.6L) DOHC V8 3.55" (90.2mm) InTech 23 (cont.)**

1998-1993	V	<b>224-3416</b>		Material: Hypereutectic	8	1.50mm 1.50mm 3.00mm	0.866"	1.215"	
				Recessed head Recess Depth: 0.060" Recess Diameter: 2.700" Shallow groove. Coated skirts.					
STD, .020", .030", .040"								Pin Hole Location: Offset	

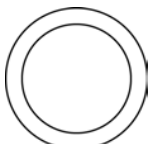
**Notes:** Coated

**Piston Ring Sets:** Premium: **41546**

**24 281 CID (4.6L) DOHC V8 3.55" (90.2mm) 24**

1998-1996	V	<b>224-2882</b>		Material: Hypereutectic	8	1.50mm 1.50mm 3.00mm	0.8665"	1.200"	
				Recessed Head Recess Depth: 0.157" Recess Diameter: 2.700" Shallow Groove, Coated Skirts. SOHC and DOHC					
STD, .020", .030", .040"								Pin Hole Location: Offset	

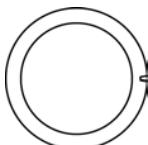
**Piston Ring Sets:** Premium: **41787CP**

1998-1996	V	<b>224-3416</b>		Material: Hypereutectic	8	1.50mm 1.50mm 3.00mm	0.866"	1.215"	
				Recessed head Recess Depth: 0.060" Recess Diameter: 2.700" Shallow groove. Coated skirts.					
STD, .020", .030", .040"								Pin Hole Location: Offset	

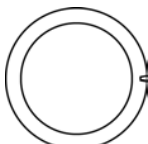
**Notes:** Coated

**Piston Ring Sets:** Premium: **41546**

**25 281 CID (4.6L) SOHC V8 3.55" (90.2mm) 25**

1998-1996	X	<b>224-2882</b>		Material: Hypereutectic	8	1.50mm 1.50mm 3.00mm	0.8665"	1.200"	
1998-1991	W			Recessed Head Recess Depth: 0.157" Recess Diameter: 2.700" Shallow Groove, Coated Skirts. SOHC and DOHC					
1998-1997	9							Pin Hole Location: Offset	
STD, .020", .030", .040"									

**Piston Ring Sets:** Premium: **41787CP**

2003-1999	X	<b>224-3413</b>		Material: Aluminum	8	1.50mm 1.50mm 3.00mm	0.866"	1.216"	
2003-1999	W			Recessed Head Recess Depth: 0.193" Recess Diameter: 2.931" Shallow Top Groove .131". Coated Skirt.					
2003-1999	9							Pin Hole Location: Offset	
STD, .020", .030"									

**Notes:** From 1999 to 2000: Power Improved

**Piston Ring Sets:** Premium: **41787CP**



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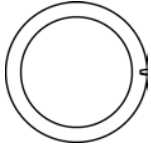


PIN DIA



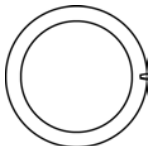
COMP HGT

**25 (cont.) 281 CID (4.6L) SOHC V8 3.55" (90.2mm) 25 (cont.)**

2000-1999	X	<b>224-3417</b>	 STD, .020", .030", .040"	Material: Aluminum  Recessed Head Recess Depth: 0.162" Recess Diameter: 2.642" Coated Skirt. Shallow Top Groove .131".	8	1.50mm 1.50mm 3.00mm	0.862"	1.246"
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Pin Hole Location: Press Fit or Free Float

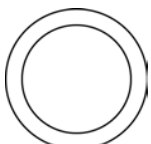
**Piston Ring Sets:** Premium: **41787CP**

2004-2001	X	<b>224-3438</b>	 STD, .020", .030", .040"	Material: Hypereutectic  Bowl Recess Depth: 0.150" Recess Diameter: 3.050" Shallow Groove, Coated Skirts	8	1.50mm 1.50mm 3.00mm	0.866"	1.215"
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Pin Hole Location: Offset

**Piston Ring Sets:** Premium: **41787CP**

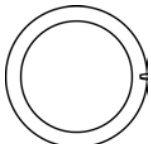
**Notes:** Coated

1998-1991	W	<b>224-3550</b>	 STD, .020", .030", .040"	Material: Aluminum Casting Number: 90L77  Recessed head Recess Depth: 0.0062" Deep top ring groove (3.825mm/.151"). Coated skirts	8	1.50mm 1.50mm 3.00mm	0.866"	1.22"
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Pin Hole Location: Offset

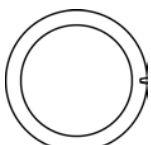
**Piston Ring Sets:** Premium: **42046CP**

**26 281 CID (4.6L) SOHC V8 3.55" (90.2mm) Triton 26**

1996	6	<b>224-2882</b>	 STD, .020", .030", .040"	Material: Hypereutectic  Recessed Head Recess Depth: 0.157" Recess Diameter: 2.700" Shallow Groove, Coated Skirts. SOHC and DOHC	8	1.50mm 1.50mm 3.00mm	0.8665"	1.200"
------	---	-----------------	---	--	---	----------------------------	---------	--------

Pin Hole Location: Offset

**Piston Ring Sets:** Premium: **41787CP**

1996	6	<b>224-3417</b>	 STD, .020", .030", .040"	Material: Aluminum  Recessed Head Recess Depth: 0.162" Recess Diameter: 2.642" Coated Skirt. Shallow Top Groove .131".	8	1.50mm 1.50mm 3.00mm	0.862"	1.246"
------	---	-----------------	---	--	---	----------------------------	--------	--------

Pin Hole Location: Press Fit or Free Float

**Piston Ring Sets:** Premium: **41787CP**



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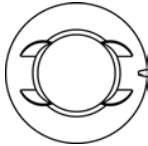


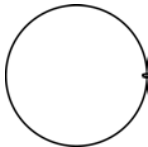

RINGS



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27		289 CID (4.7L) V8 4.00" (101.6mm)				27			
1968	C	<b>224-1916</b>		Material: Aluminum	8	5/64"	0.9122"	1.585"	
1968-1964	-			Recessed Head w/4 Valve Reliefs Recess Depth: 0.140" Recess Diameter: 2.450"		5/64" 3/16"			
				STD, .020", .030", .040", .060"	Pin Hole Location: Offset				
<b>Notes:</b>		For : with 2 Barrel Carburetor		<b>Piston Ring Sets:</b>		Cast Iron: <b>50564CP</b> Premium: <b>40564CP</b>			
1967-1965		-	<b>224-2108</b>		Material: Aluminum	8	5/64"	0.9122"	1.585"
				Flat Head w/4 Valve Reliefs		5/64" 3/16"			
				STD, .020", .030", .040", .060"	Pin Hole Location: Offset				
<b>Notes:</b>		For : with 4 Barrel Carburetor		<b>Piston Ring Sets:</b>		Cast Iron: <b>50564CP</b> Premium: <b>40564CP</b>			
1967-1964		-	<b>224-2992</b>		Material: Hypereutectic	8	5/64"	0.9122"	1.605"
				Flat Head w/4 Valve Reliefs Not intended for racing applications. Not destroyed. Coated Skirts		5/64" 3/16"			
				STD, .020", .030", .040", .060"	Pin Hole Location: Offset				
<b>Notes:</b>		Performer; with 4 Barrel Carburetor		<b>Piston Ring Sets:</b>		Cast Iron: <b>50564CP</b> Premium: <b>40564CP</b>			
28		292 CID (4.8L) V8 3.75" (95.3mm)				28			
1962-1955	-	<b>224-2904</b>		Material: Aluminum	8	5/64"	0.9122"	1.760"	
				Flat Head		5/64" 3/16"			
				STD, .030", .040", .060"	Pin Hole Location: Offset				
<b>Piston Ring Sets:</b>					Cast Iron: <b>50618</b> Premium: <b>40618</b>				
29		302 CID (5.0L) V8 4.00" (101.6mm) HO				29			
1985-1984	M	<b>224-2108</b>		Material: Aluminum	8	5/64"	0.9122"	1.585"	
1982	F			Flat Head w/4 Valve Reliefs		5/64" 3/16"			
				STD, .020", .030", .040", .060"	Pin Hole Location: Offset				
<b>Piston Ring Sets:</b>					Cast Iron: <b>50564CP</b> Premium: <b>40564CP</b>				



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**29 (cont.) 302 CID (5.0L) V8 4.00" (101.6mm) HO 29 (cont.)**

1991-1987	E	<b>224-2587</b>		Recessed Head w/4 Valve Reliefs Recess Depth: 0.030" Recess Diameter: 2.500"	8	1.50mm 1.50mm 4.00mm	0.9122"	1.608"
1991	T							
1987-1986	M							

STD, .020", .030", .040", .060"

Pin Hole Location: Offset

**Piston Ring Sets:** Cast Iron: **51497CP**  
Premium: **41497CP**

1995-1993	D	<b>224-2813</b>		Material: Hypereutectic  Recessed Head w/4 Valve Reliefs Recess Depth: 0.029" Recess Diameter: 2.450" Coated Skirts, Shallow Groove.	8	1.50mm 1.50mm 4.00mm	0.9122"	1.600"
1995-1991	T							
1993-1987	E							
1987	M							


STD, .020", .030", .040", .060"

Pin Hole Location: Offset

**Notes:** Replace in Complete Sets

**Piston Ring Sets:** Cast Iron: **51497CP**  
Premium: **41497CP**


**30 302 CID (5.0L) V8 4.00" (101.6mm) 30**

1976-1968	F	<b>224-1916</b>		Material: Aluminum  Recessed Head w/4 Valve Reliefs Recess Depth: 0.140" Recess Diameter: 2.450"	8	5/64" 5/64" 3/16"	0.9122"	1.585"
1972-1969	D							
1972-1969	G							
1968	J							

STD, .020", .030", .040", .060"

Pin Hole Location: Offset


**Piston Ring Sets:** Cast Iron: **50564CP**  
Premium: **40564CP**

1985-1977	F	<b>224-2108</b>		Material: Aluminum  Flat Head w/4 Valve Reliefs	8	5/64" 5/64" 3/16"	0.9122"	1.585"

STD, .020", .030", .040", .060"

Pin Hole Location: Offset

**Piston Ring Sets:** Cast Iron: **50564CP**  
Premium: **40564CP**

1991-1986	F	<b>224-2587</b>		Recessed Head w/4 Valve Reliefs Recess Depth: 0.030" Recess Diameter: 2.500"	8	1.50mm 1.50mm 4.00mm	0.9122"	1.608"

STD, .020", .030", .040", .060"

Pin Hole Location: Offset

**Piston Ring Sets:** Cast Iron: **51497CP**  
Premium: **41497CP**



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COMP HGT

**30 (cont.) 302 CID (5.0L) V8 4.00" (101.6mm) 30 (cont.)**

1991-1987	F	<b>224-2813</b>		Material: Hypereutectic Recessed Head w/4 Valve Reliefs Recess Depth: 0.029" Recess Diameter: 2.450" Coated Skirts, Shallow Groove.	8	1.50mm 1.50mm 4.00mm	0.9122"	1.600"
			STD, .020", .030", .040", .060"		Pin Hole Location: Offset			

**Notes:** Replace in Complete Sets

**Piston Ring Sets:** Cast Iron: **51497CP**  
Premium: **41497CP**

**31 312 CID (5.1L) V8 3.80" (96.5mm) 31**

1960-1956	-	<b>224-2913</b>		Material: Aluminum Flat Head	8	5/64" 3/32" 3/16"	0.9122"	1.760"
			STD, .020", .030", .040", .060"		Pin Hole Location: Offset			

**Piston Ring Sets:** Cast Iron: **50009**  
Premium: **40009**

**32 330 CID (5.4L) DOHC V8 3.55" (90.2mm) 32**

2006-2005	S	<b>224-3479</b>		Material: Aluminum Casting Number: 90L892 Flat top Coated Skirts	8	1.50mm 1.50mm 3.00mm	0.866"	1.21"
2000	H							
			STD, 10MM, 25MM, 50MM, 75MM		Pin Hole Location: Offset			

**Piston Ring Sets:** Premium: **01496N**

**33 351 CID (5.8L) V8 4.00" (101.6mm) Cleveland 33**

1974-1971	Q	<b>224-1921</b>		Material: Aluminum Recessed head w/2 angled valve reliefs Recess Depth: 0.060" Recess Diameter: 2.750"	8	5/64" 5/64" 3/16"	0.9122"	1.630"
1974-1970	H							
1972-1971	R							
1971-1970	M							
			STD, .020", .030", .040", .060"		Pin Hole Location: Offset			

**Piston Ring Sets:** Cast Iron: **50564CP**  
Premium: **40564CP**

1970	M	<b>224-3062</b>		Material: Aluminum Flat Head w/2 Angled Valve Reliefs	8	5/64" 5/64" 3/16"	0.9122"	1.635"
1970	H							
			STD, .020", .030", .040", .060"		Pin Hole Location: Offset			

**Piston Ring Sets:** Cast Iron: **50564CP**  
Premium: **40564CP**

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SPECS

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RINGS

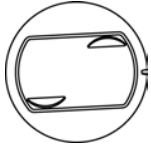


PIN DIA



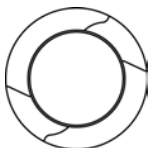
COMP HGT

**34 351 CID (5.8L) V8 4.00" (101.6mm) HO 34**

1977	H	<b>224-2040</b>		Material: Aluminum	8	5/64" 5/64" 3/16"	0.9122"	1.752"
				Rectangular Recessed Head w/2 Valve Reliefs Recess Depth: 0.105" 2 valve reliefs, 11.5cc.				
STD, .020", .030", .040", .060"				Pin Hole Location: Offset				

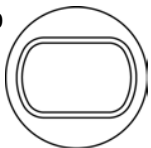
**Notes:** Replace in Complete Sets **Piston Ring Sets:** Cast Iron: **50564CP**  
Premium: **40564CP**

**35 351 CID (5.8L) V8 4.00" (101.6mm) Modified 35**


1981-1980	G	<b>224-2001</b>		Material: Aluminum	8	5/64" 5/64" 3/16"	0.9752"	1.921"
1979-1975	H			Recessed Head w/2 angled valve reliefs Recess Depth: 0.60" Recess Diameter: 2.600"				
STD, .020", .030", .040", .060"				Pin Hole Location: Offset				

**Piston Ring Sets:** Cast Iron: **50564CP**  
Premium: **40564CP**

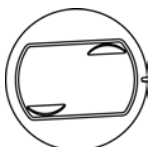
**36 351 CID (5.8L) V8 4.00" (101.6mm) Windsor 36**

1972-1971	Q	<b>224-1810.020</b>		Material: Aluminum	8	5/64" 5/64" 3/16"	0.912"	1.739"
1972-1969	H			Rectangular Recess Head Recess Depth: 0.230"				
1972-1971	R							
1971-1969	M							
.020", .030", .040", .060"				Pin Hole Location: Offset				

**Notes:** For 1969 Cars: Except 4 Barrel Carburetor **Piston Ring Sets:** Cast Iron: **50564CP**  
Premium: **40564CP**

1969	H	<b>224-1832</b>		Material: Aluminum	8	5/64" 5/64" 3/16"	0.9122"	1.719"
				Flat head w/ 4 valve reliefs				
STD				Pin Hole Location: Offset				

**Notes:** For : with 4 Barrel Carburetor **Piston Ring Sets:** Cast Iron: **50564CP**  
Premium: **40564CP**

1991-1980	G	<b>224-2040</b>		Material: Aluminum	8	5/64" 5/64" 3/16"	0.9122"	1.752"
1979-1969	H			Rectangular Recessed Head w/2 Valve Reliefs Recess Depth: 0.105" 2 valve reliefs, 11.5cc.				
1974-1971	Q							
1972-1971	R							
1971-1969	M							
STD, .020", .030", .040", .060"				Pin Hole Location: Offset				

**Notes:** From 1969 to 1972: Low Compression Replace in Complete Sets **Piston Ring Sets:** Cast Iron: **50564CP**  
Premium: **40564CP**



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**36 (cont.) 351 CID (5.8L) V8 4.00" (101.6mm) Windsor 36 (cont.)**


1971	R	<b>224-3570.020</b>		Material: Hypereutectic	8	5/64"	0.9122"	1.719"
1971	Q			Flat Head w/ 4 valve reliefs Coated Skirts		5/64"		
1971-1969	M						3/16"	

.020", .030", .040", .060"

**Notes:** Performer

**Piston Ring Sets:** Cast Iron: **50564CP**  
Premium: **40564CP**

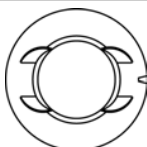
**37 352 CID (5.8L) V8 4.00" (101.6mm) 37**

1966-1958	-	<b>224-1666.030</b>		Material: Aluminum	8	5/64"	0.975"	1.816"
							3/32"	
								3/16"

.030", .040"


**Piston Ring Sets:** Cast Iron: **50139**  
Premium: **40139**

**38 390 CID (6.4L) V8 4.05" (102.9mm) 38**

1970-1967	Y	<b>224-1712</b>		Material: Aluminum	8	5/64"	0.9752"	1.760"	
1970-1968	X			Recessed Head w/4 Valve Reliefs In Recess Recess Depth: 0..147" Recess Diameter: 3.000"			3/32"		
1970-1968	S							3/16"	
1968-1967	Z								
1967	H								
1967-1966	-	STD, .020", .030", .040", .060"							Pin Hole Location: Offset

**Notes:** For Cars: with 9.4:1 Compression Ratio; with Regular Fuel

**Piston Ring Sets:** Cast Iron: **50134CP**  
Premium: **40134CP**

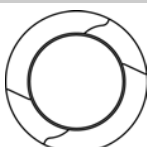
1971-1968	Y	<b>224-1831</b>		Material: Aluminum	8	5/64"	0.9752"	1.660"	
1970-1968	X			Recessed Head w/4 Valve Reliefs Recess Depth: 0.075" Recess Diameter: 2.620"			3/32"		
1970-1968	S							3/16"	
1968	Z								

STD, .020", .030", .040", .060"

Pin Hole Location: Offset

**Piston Ring Sets:** Cast Iron: **50134CP**  
Premium: **40134CP**

**39 400 CID (6.6L) V8 4.00" (101.6mm) 39**

1979-1971	S	<b>224-1840</b>		Material: Aluminum	8	5/64"	0.9752"	1.630"
				Recessed Head w/ 2 angled valve reliefs Recess Depth: 0.115" Recess Diameter: 2.944"			5/64"	
								3/16"

STD, .020", .030", .040", .060"

Pin Hole Location: Offset

**Piston Ring Sets:** Cast Iron: **50564CP**  
Premium: **40564CP**



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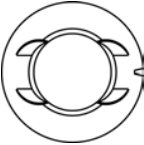


PIN DIA

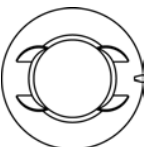


COMP HGT

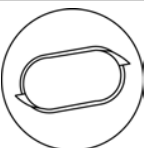
**40 410 CID (6.7L) V8 4.05" (102.9mm) 40**

1967-1966	-	<b>224-1831</b>		Material: Aluminum	8	5/64" 3/32" 3/16"	0.9752"	1.660"
				Recessed Head w/4 Valve Reliefs Recess Depth: 0.075" Recess Diameter: 2.620"				
STD, .020", .030", .040", .060"				Pin Hole Location: Offset				
				<b>Piston Ring Sets:</b>	Cast Iron: <b>50134CP</b> Premium: <b>40134CP</b>			

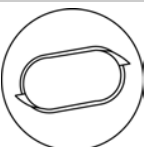
**41 428 CID (7.0L) V8 4.13" (104.9mm) Cobra Jet 41**

1970-1968	R	<b>224-3061</b>		Material: Aluminum	8	5/64" 5/64" 3/16"	0.9752"	1.660"
1970-1967	Q			Recessed Head w/ 4 valve reliefs Recess Depth: 0.120" Recess Diameter: 2.593"				
1970-1967	P							
STD, .030", .040", .060"				Pin Hole Location: Offset				
				<b>Piston Ring Sets:</b>	Cast Iron: <b>50720</b> Premium: <b>40720</b>			

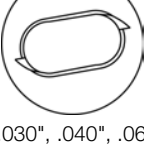
**42 429 CID (7.0L) V8 4.36" (110.7mm) Thunder Jet 42**

1973-1968	N	<b>224-1869</b>		Material: Aluminum	8	5/64" 5/64" 3/16"	1.0402"	1.882"	
1971-1970	C			Oblong Shaped Recess w/2 Valve Reliefs In Head Recess Depth: 0.100"					
1971-1969	K								
1971	J								
1970	Z								
STD, .030", .040", .060"				Pin Hole Location: Offset					
<b>Notes:</b>				For Cars: without Police Package				<b>Piston Ring Sets:</b>	
								Cast Iron: <b>50843CP</b> Premium: <b>40843CP</b>	

**43 460 CID (7.5L) V8 4.36" (110.7mm) HO 43**

1978-1973	C	<b>224-1856</b>		Material: Aluminum	8	5/64" 5/64" 3/16"	1.0402"	1.760"
				Oblong Shaped Recess w/2 Valve Reliefs In Head Recess Depth: 0.230" non-EFI. 20cc Head.				
STD, .020", .030", .040", .060"				Pin Hole Location: Offset				
				<b>Piston Ring Sets:</b>	Cast Iron: <b>50843CP</b> Premium: <b>40843CP</b>			

**1978-1973 C 224-3569**

1978-1973	C	<b>224-3569</b>		Material: Hypereutectic	8	5/64" 5/64" 3/16"	1.0402"	1.760"
				Oblong Recess Head w/ 2 valve reliefs Recess Depth: 0.230" Coated Skirts, Non EFI Car and Trk				
STD, .020", .030", .040", .060"				Pin Hole Location: Offset				
				<b>Piston Ring Sets:</b>	Cast Iron: <b>50843CP</b> Premium: <b>40843CP</b>			

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SPECS

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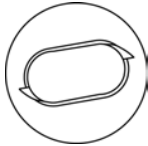
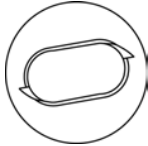
RINGS



PIN DIA



COMP HGT

44		460 CID (7.5L) V8 4.36" (110.7mm)						44	
1978-1968	A	<b>224-1856</b>		Material: Aluminum Oblong Shaped Recess w/2 Valve Reliefs In Head Recess Depth: 0.230" non-EFI. 20cc Head.	8	5/64" 5/64" 3/16"	1.0402"	1.760"	Pin Hole Location: Offset
				<b>Piston Ring Sets:</b> Cast Iron: <b>50843CP</b> Premium: <b>40843CP</b>					
1978-1968	A	<b>224-3569</b>		Material: Hypereutectic Oblong Recess Head w/ 2 valve reliefs Recess Depth: 0.230" Coated Skirts, Non EFI Car and Trk	8	5/64" 5/64" 3/16"	1.0402"	1.760"	Pin Hole Location: Offset
				<b>Piston Ring Sets:</b> Cast Iron: <b>50843CP</b> Premium: <b>40843CP</b>					

# FORD TRUCK

ENGINE	YEAR	BLOCK
122 CID (2.0L) SOHC L4	1988-1983	1
122 CID (2.0L) DOHC L4 Zetec	2004-2001	2
140 CID (2.3L) SOHC L4	1994-1977	3
153 CID (2.5L) SOHC L4	2001-2000	4
171 CID (2.8L) V6	1986-1983	5
177 CID (2.9L) V6	1992-1986	6
182 CID (3.0L) DOHC V6 Duratec	2005-2001	7
182 CID (3.0L) V6 Vulcan	1994-1986	8
200 CID (3.3L) L6	1974-1973, 1968-1964	9
223 CID (3.7L) L6	1964-1954	10
232 CID (3.8L) V6	2000-1995, 1983-1982	11
240 CID (3.9L) L6	1969-1965	12
245 CID (4.0L) V6	1997-1990	13
245 CID (4.0L) SOHC V6	2001-1997	14
250 CID (4.1L) L6	1973-1969	15
256 CID (4.2L) V6 Triton	2002-1997	16
281 CID (4.6L) SOHC V8	2004	17
281 CID (4.6L) SOHC V8 Triton	2004, 1999	18
281 CID (4.6L) SOHC V8 Triton (Romeo)	2004-2001, 1998-1997	19
281 CID (4.6L) SOHC V8 Triton (Windsor)	2003-2002, 2000-1997	20
289 CID (4.7L) V8	1968-1965	21
292 CID (4.8L) V8	1964-1958	22
300 CID (4.9L) L6	1995-1969	23
300 CID (4.9L) L6 LPG	1988, 1985-1982	24
302 CID (5.0L) V8	2001-1968	25

ENGINE	YEAR	BLOCK
330 CID (5.4L) SOHC V8 Triton CNG	2005-1997	26
330 CID (5.4L) DOHC V8 InTech	2004-1999	27
330 CID (5.4L) SOHC V8 InTech	2005	28
330 CID (5.4L) V8	1977-1975	29
330 CID (5.4L) SOHC V8 Triton	2008-1997	30
351 CID (5.8L) V8 Cleveland	1974-1970	31
351 CID (5.8L) V8 HO	1997-1984	32
351 CID (5.8L) V8 Modified	1982-1975	33
351 CID (5.8L) V8 Windsor	1995-1993, 1985-1969	34
352 CID (5.8L) V8	1966-1965, 1959-1958	35
360 CID (5.9L) V8	1976-1968	36
363 CID (6.0L) V8 N/A DIESEL	2003	37
363 CID (6.0L) V8 Power-Stroke DIESEL	2006-2004	38
370 CID (6.1L) V8	1990-1980	39
370 CID (6.1L) V8 LPG	1987-1986, 1983	40
390 CID (6.4L) V8	1976-1967	41
400 CID (6.6L) V8	1982-1972	42
415 CID (6.8L) SOHC V10 Triton	2004-1999	43
420 CID (6.9L) V8 International DIESEL	1987-1983	44
428 CID (7.0L) V8 Cobra Jet	1969-1968	45
429 CID (7.0L) V8 Thunder Jet	1993-1980, 1973-1970	46
429 CID (7.0L) V8 Thunder Jet LPG	1989, 1987, 1984-1983	47
445 CID (7.3L) V8 International DIESEL	1994-1988	48
445 CID (7.3L) V8 International Power-Stroke DIESEL	1998-1994	49
460 CID (7.5L) V8	1997-1973	50
473 CID (7.8L) L6 Brazilian DIESEL	1993-1991	51

MODEL	ENGINE	YEAR	BLOCK
Aerostar	140 CID (2.3L) SOHC L4 3.78" (96.0mm)	1987-1986	3
Aerostar	171 CID (2.8L) V6 3.66" (93.0mm)	1986	5
Aerostar	182 CID (3.0L) V6 3.50" (89.0mm) Vulcan	1994-1986	8
Aerostar	245 CID (4.0L) V6 3.95" (100.3mm)	1997-1990	13
Blackwood	330 CID (5.4L) DOHC V8 3.55" (90.2mm) InTech	2002	27
Bronco	200 CID (3.3L) L6 3.68" (93.5mm)	1974-1973	9
Bronco	240 CID (3.9L) L6 4.00" (101.6mm)	1967	12
Bronco	289 CID (4.7L) V8 4.00" (101.6mm)	1968-1966	21
Bronco	300 CID (4.9L) L6 4.00" (101.6mm)	1992-1980	23
Bronco	302 CID (5.0L) V8 4.00" (101.6mm)	1996-1980, 1977-1968	25
Bronco	351 CID (5.8L) V8 4.00" (101.6mm) HO	1996-1984	32
Bronco	351 CID (5.8L) V8 4.00" (101.6mm) Modified	1982-1978	33
Bronco	351 CID (5.8L) V8 4.00" (101.6mm) Windsor	1985-1978	34
Bronco	400 CID (6.6L) V8 4.00" (101.6mm)	1979-1978	42
Bronco II	171 CID (2.8L) V6 3.66" (93.0mm)	1985-1984	5
Bronco II	177 CID (2.9L) V6 3.66" (93.0mm)	1990-1986	6
C	370 CID (6.1L) V8 4.05" (102.8mm)	1986-1980	39
C	429 CID (7.0L) V8 4.36" (110.7mm) Thunder Jet	1986-1980	46
CF	473 CID (7.8L) L6 4.40" (111.8mm) Brazilian DIESEL	1993-1991	51
Courier	140 CID (2.3L) SOHC L4 3.78" (96.0mm)	1982-1977	3
E-100 Econoline	240 CID (3.9L) L6 4.00" (101.6mm)	1969-1968	12
E-100 Econoline	300 CID (4.9L) L6 4.00" (101.6mm)	1983-1972	23
E-100 Econoline	300 CID (4.9L) L6 4.00" (101.6mm) LPG	1982	24
E-100 Econoline	302 CID (5.0L) V8 4.00" (101.6mm)	1983-1979, 1975-1968	25

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MODEL	ENGINE	YEAR	BLOCK
E-100 Econoline	351 CID (5.8L) V8 4.00" (101.6mm) Windsor	1983-1975	34
E-100 Econoline	400 CID (6.6L) V8 4.00" (101.6mm)	1980	42
E-100 Econoline	460 CID (7.5L) V8 4.36" (110.7mm)	1978	50
E-100 Club Wagon	300 CID (4.9L) L6 4.00" (101.6mm)	1983-1975	23
E-100 Club Wagon	302 CID (5.0L) V8 4.00" (101.6mm)	1983-1979	25
E-100 Club Wagon	351 CID (5.8L) V8 4.00" (101.6mm) Windsor	1983-1975	34
E-150	281 CID (4.6L) SOHC V8 3.55" (90.2mm) Triton (Romeo)	2004-2003	19
E-150	330 CID (5.4L) SOHC V8 3.55" (90.2mm) Triton	2008-2003	30
E-150 Club Wagon	281 CID (4.6L) SOHC V8 3.55" (90.2mm) Triton (Romeo)	2004-2003	19
E-150 Club Wagon	330 CID (5.4L) SOHC V8 3.55" (90.2mm) Triton	2005-2003	30
E-150 Econoline	256 CID (4.2L) V6 3.81" (96.8mm) Triton	2002-1997	16
E-150 Econoline	281 CID (4.6L) SOHC V8 3.55" (90.2mm) Triton	1999	18
E-150 Econoline	281 CID (4.6L) SOHC V8 3.55" (90.2mm) Triton (Romeo)	2002-2001	19
E-150 Econoline	281 CID (4.6L) SOHC V8 3.55" (90.2mm) Triton (Windsor)	1998-1997	20
E-150 Econoline	300 CID (4.9L) L6 4.00" (101.6mm)	1995-1975	23
E-150 Econoline	300 CID (4.9L) L6 4.00" (101.6mm) LPG	1988, 1985-1982	24
E-150 Econoline	302 CID (5.0L) V8 4.00" (101.6mm)	1996-1979, 1975	25
E-150 Econoline	330 CID (5.4L) SOHC V8 3.55" (90.2mm) Triton	2002-1997	30
E-150 Econoline	351 CID (5.8L) V8 4.00" (101.6mm) HO	1996-1984	32
E-150 Econoline	351 CID (5.8L) V8 4.00" (101.6mm) Windsor	1985-1975	34
E-150 Econoline	420 CID (6.9L) V8 4.00" (101.6mm) International DIESEL	1984	44
E-150 Econoline	460 CID (7.5L) V8 4.36" (110.7mm)	1980-1976	50
E-150 Club Wagon	256 CID (4.2L) V6 3.81" (96.8mm) Triton	2002-1997	16
E-150 Club Wagon	281 CID (4.6L) SOHC V8 3.55" (90.2mm) Triton (Romeo)	2002-2001	19
E-150 Club Wagon	281 CID (4.6L) SOHC V8 3.55" (90.2mm) Triton (Windsor)	1998-1997	20
E-150 Club Wagon	300 CID (4.9L) L6 4.00" (101.6mm)	1995-1975	23
E-150 Club Wagon	302 CID (5.0L) V8 4.00" (101.6mm)	1996-1979	25
E-150 Club Wagon	330 CID (5.4L) SOHC V8 3.55" (90.2mm) Triton	2002-1997	30
E-150 Club Wagon	351 CID (5.8L) V8 4.00" (101.6mm) HO	1996-1984	32
E-150 Club Wagon	351 CID (5.8L) V8 4.00" (101.6mm) Windsor	1985-1975	34
E-150 Club Wagon	460 CID (7.5L) V8 4.36" (110.7mm)	1979, 1977-1976	50
E-200 Econoline	240 CID (3.9L) L6 4.00" (101.6mm)	1969-1968	12
E-200 Econoline	300 CID (4.9L) L6 4.00" (101.6mm)	1974-1972	23
E-200 Econoline	302 CID (5.0L) V8 4.00" (101.6mm)	1974-1968	25
E-250	281 CID (4.6L) SOHC V8 3.55" (90.2mm) Triton (Romeo)	2004-2003	19
E-250	330 CID (5.4L) SOHC V8 3.55" (90.2mm) Triton CNG	2005-2003	26
E-250	330 CID (5.4L) SOHC V8 3.55" (90.2mm) Triton	2008-2003	30
E-250 Econoline	256 CID (4.2L) V6 3.81" (96.8mm) Triton	2002-1997	16
E-250 Econoline	281 CID (4.6L) SOHC V8 3.55" (90.2mm) Triton (Windsor)	1997	20
E-250 Econoline	300 CID (4.9L) L6 4.00" (101.6mm)	1995-1975	23
E-250 Econoline	300 CID (4.9L) L6 4.00" (101.6mm) LPG	1985-1982	24
E-250 Econoline	302 CID (5.0L) V8 4.00" (101.6mm)	1991-1979, 1975	25
E-250 Econoline	330 CID (5.4L) SOHC V8 3.55" (90.2mm) Triton CNG	2002-1997	26
E-250 Econoline	330 CID (5.4L) SOHC V8 3.55" (90.2mm) Triton	2002-1997	30
E-250 Econoline	351 CID (5.8L) V8 4.00" (101.6mm) HO	1996-1984	32
E-250 Econoline	351 CID (5.8L) V8 4.00" (101.6mm) Modified	1981-1980	33
E-250 Econoline	351 CID (5.8L) V8 4.00" (101.6mm) Windsor	1985-1975	34
E-250 Econoline	400 CID (6.6L) V8 4.00" (101.6mm)	1980	42
E-250 Econoline	445 CID (7.3L) V8 4.11" (104.4mm) International DIESEL	1994	48
E-250 Econoline	460 CID (7.5L) V8 4.36" (110.7mm)	1993, 1980-1975	50
E-250 Club Wagon	300 CID (4.9L) L6 4.00" (101.6mm)	1991-1983, 1980-1977	23
E-250 Club Wagon	300 CID (4.9L) L6 4.00" (101.6mm) LPG	1985	24
E-250 Club Wagon	302 CID (5.0L) V8 4.00" (101.6mm)	1980-1979	25
E-250 Club Wagon	351 CID (5.8L) V8 4.00" (101.6mm) HO	1991-1985	32
E-250 Club Wagon	351 CID (5.8L) V8 4.00" (101.6mm) Modified	1981-1980	33

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MODEL	ENGINE	YEAR	BLOCK
E-250 Club Wagon	351 CID (5.8L) V8 4.00" (101.6mm) Windsor	1985-1975	34
E-250 Club Wagon	400 CID (6.6L) V8 4.00" (101.6mm)	1982-1980	42
E-250 Club Wagon	420 CID (6.9L) V8 4.00" (101.6mm) International DIESEL	1987-1983	44
E-250 Club Wagon	445 CID (7.3L) V8 4.11" (104.4mm) International DIESEL	1991-1988	48
E-250 Club Wagon	460 CID (7.5L) V8 4.36" (110.7mm)	1991-1975	50
E-250 Super Duty	330 CID (5.4L) SOHC V8 3.55" (90.2mm) Triton CNG	2005-2004	26
E-250 Super Duty	330 CID (5.4L) SOHC V8 3.55" (90.2mm) Triton	2005-2004	30
E-300 Econoline	240 CID (3.9L) L6 4.00" (101.6mm)	1969-1968	12
E-300 Econoline	300 CID (4.9L) L6 4.00" (101.6mm)	1974-1972	23
E-300 Econoline	302 CID (5.0L) V8 4.00" (101.6mm)	1974-1968	25
E-350	330 CID (5.4L) SOHC V8 3.55" (90.2mm) Triton CNG	2003	26
E-350	330 CID (5.4L) SOHC V8 3.55" (90.2mm) Triton	2003	30
E-350	415 CID (6.8L) SOHC V10 3.55" (90.2mm) Triton	2003	43
E-350 Club Wagon	330 CID (5.4L) SOHC V8 3.55" (90.2mm) Triton CNG	2005-2003	26
E-350 Club Wagon	330 CID (5.4L) SOHC V8 3.55" (90.2mm) Triton	2005-2003	30
E-350 Club Wagon	363 CID (6.0L) V8 3.74" (95.0mm) Power-Stroke DIESEL	2005-2004	38
E-350 Club Wagon	415 CID (6.8L) SOHC V10 3.55" (90.2mm) Triton	2003	43
E-350 Econoline	300 CID (4.9L) L6 4.00" (101.6mm)	1995-1975	23
E-350 Econoline	300 CID (4.9L) L6 4.00" (101.6mm) LPG	1985-1983	24
E-350 Econoline	302 CID (5.0L) V8 4.00" (101.6mm)	1982-1979, 1975	25
E-350 Econoline	330 CID (5.4L) SOHC V8 3.55" (90.2mm) Triton CNG	2002-1997	26
E-350 Econoline	330 CID (5.4L) SOHC V8 3.55" (90.2mm) Triton	2002-1997	30
E-350 Econoline	351 CID (5.8L) V8 4.00" (101.6mm) HO	1996-1985	32
E-350 Econoline	351 CID (5.8L) V8 4.00" (101.6mm) Modified	1981-1980	33
E-350 Econoline	351 CID (5.8L) V8 4.00" (101.6mm) Windsor	1985-1975	34
E-350 Econoline	400 CID (6.6L) V8 4.00" (101.6mm)	1982-1980	42
E-350 Econoline	415 CID (6.8L) SOHC V10 3.55" (90.2mm) Triton	2002-1999	43
E-350 Econoline	420 CID (6.9L) V8 4.00" (101.6mm) International DIESEL	1987-1983	44
E-350 Econoline	445 CID (7.3L) V8 4.11" (104.4mm) International DIESEL	1994-1988	48
E-350 Econoline	445 CID (7.3L) V8 4.11" (104.4mm) International Power-Stroke DIESEL	1998-1995	49
E-350 Econoline	460 CID (7.5L) V8 4.36" (110.7mm)	1996-1975	50
E-350 Club Wagon	300 CID (4.9L) L6 4.00" (101.6mm)	1995-1977	23
E-350 Club Wagon	302 CID (5.0L) V8 4.00" (101.6mm)	1980-1979	25
E-350 Club Wagon	330 CID (5.4L) SOHC V8 3.55" (90.2mm) Triton CNG	2002-1997	26
E-350 Club Wagon	330 CID (5.4L) SOHC V8 3.55" (90.2mm) Triton	2002-1997	30
E-350 Club Wagon	351 CID (5.8L) V8 4.00" (101.6mm) HO	1996-1985	32
E-350 Club Wagon	351 CID (5.8L) V8 4.00" (101.6mm) Modified	1981-1980	33
E-350 Club Wagon	351 CID (5.8L) V8 4.00" (101.6mm) Windsor	1985-1977	34
E-350 Club Wagon	400 CID (6.6L) V8 4.00" (101.6mm)	1982-1980	42
E-350 Club Wagon	415 CID (6.8L) SOHC V10 3.55" (90.2mm) Triton	2002-1999	43
E-350 Club Wagon	420 CID (6.9L) V8 4.00" (101.6mm) International DIESEL	1987-1983	44
E-350 Club Wagon	445 CID (7.3L) V8 4.11" (104.4mm) International DIESEL	1994-1988	48
E-350 Club Wagon	445 CID (7.3L) V8 4.11" (104.4mm) International Power-Stroke DIESEL	1998-1995	49
E-350 Club Wagon	460 CID (7.5L) V8 4.36" (110.7mm)	1996-1977	50
E-350 Super Duty	330 CID (5.4L) SOHC V8 3.55" (90.2mm) Triton CNG	2005-2004	26
E-350 Super Duty	330 CID (5.4L) SOHC V8 3.55" (90.2mm) Triton	2008-2004	30
E-350 Super Duty	363 CID (6.0L) V8 3.74" (95.0mm) Power-Stroke DIESEL	2006-2004	38
E-350 Super Duty	415 CID (6.8L) SOHC V10 3.55" (90.2mm) Triton	2004	43
E-450 Super Duty	330 CID (5.4L) SOHC V8 3.55" (90.2mm) Triton CNG	2002-2000	26
E-450 Super Duty	330 CID (5.4L) SOHC V8 3.55" (90.2mm) Triton	2002-2000	30
E-450 Super Duty	415 CID (6.8L) SOHC V10 3.55" (90.2mm) Triton	2002-2000	43
E-450 Super Duty Stripped	330 CID (5.4L) SOHC V8 3.55" (90.2mm) Triton CNG	2002-2000	26
E-450 Super Duty Stripped	330 CID (5.4L) SOHC V8 3.55" (90.2mm) Triton	2002-2000	30

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MODEL	ENGINE	YEAR	BLOCK
E-450 Super Duty Stripped	415 CID (6.8L) SOHC V10 3.55" (90.2mm) Triton	2002-2000	43
E-450 Super Duty	330 CID (5.4L) SOHC V8 3.55" (90.2mm) Triton	2008, 2006 2004-2003	30
E-450 Super Duty	363 CID (6.0L) V8 3.74" (95.0mm) Power-Stroke DIESEL	2006-2004	38
E-450 Super Duty	415 CID (6.8L) SOHC V10 3.55" (90.2mm) Triton	2004-2003	43
E-450 Super Duty Stripped	330 CID (5.4L) SOHC V8 3.55" (90.2mm) Triton	2003	30
E-450 Super Duty Stripped	415 CID (6.8L) SOHC V10 3.55" (90.2mm) Triton	2003	43
E-550 Super Duty	415 CID (6.8L) SOHC V10 3.55" (90.2mm) Triton	2002	43
E-550 Super Duty	415 CID (6.8L) SOHC V10 3.55" (90.2mm) Triton	2003	43
Econoline	240 CID (3.9L) L6 4.00" (101.6mm)	1967-1965	12
Econoline Super Duty	330 CID (5.4L) SOHC V8 3.55" (90.2mm) Triton CNG	1999	26
Econoline Super Duty	330 CID (5.4L) SOHC V8 3.55" (90.2mm) Triton	1998-1997	30
Econoline Super Duty	351 CID (5.8L) V8 4.00" (101.6mm) HO	1996	32
Econoline Super Duty	415 CID (6.8L) SOHC V10 3.55" (90.2mm) Triton	1999	43
Econoline Super Duty	445 CID (7.3L) V8 4.11" (104.4mm) International Power-Stroke DIESEL	1998-1996	49
Econoline Super Duty	460 CID (7.5L) V8 4.36" (110.7mm)	1996	50
Escape	122 CID (2.0L) DOHC L4 3.34" (84.8mm) Zetec	2004-2001	2
Escape	182 CID (3.0L) DOHC V6 3.50" (89.0mm) Duratec	2005-2001	7
Excursion	330 CID (5.4L) SOHC V8 3.55" (90.2mm) Triton	2005-2000	30
Excursion	363 CID (6.0L) V8 3.74" (91.63mm) N/A DIESEL	2003	37
Excursion	363 CID (6.0L) V8 3.74" (95.0mm) Power-Stroke DIESEL	2005-2004	38
Excursion	415 CID (6.8L) SOHC V10 3.55" (90.2mm) Triton	2004-2000	43
Expedition	281 CID (4.6L) SOHC V8 3.55" (90.2mm)	2004	17
Expedition	281 CID (4.6L) SOHC V8 3.55" (90.2mm) Triton (Romeo)	2003-2001, 1998-1997	19
Expedition	281 CID (4.6L) SOHC V8 3.55" (90.2mm) Triton (Windsor)	2000-1997	20
Expedition	330 CID (5.4L) SOHC V8 3.55" (90.2mm) Triton	2004-1997	30
Explorer	245 CID (4.0L) V6 3.95" (100.3mm)	1997-1991	13
Explorer	245 CID (4.0L) SOHC V6 3.95" (100.3mm)	2001-1997	14
Explorer	281 CID (4.6L) SOHC V8 3.55" (90.2mm) Triton (Romeo)	2004-2002	19
Explorer	302 CID (5.0L) V8 4.00" (101.6mm)	2001-1996	25
Explorer Sport Trac	245 CID (4.0L) SOHC V6 3.95" (100.3mm)	2001	14
F	370 CID (6.1L) V8 4.05" (102.8mm)	1990-1980	39
F	429 CID (7.0L) V8 4.36" (110.7mm) Thunder Jet	1993-1980	46
F	473 CID (7.8L) L6 4.40" (111.8mm) Brazilian DIESEL	1993-1991	51
F Series	223 CID (3.7L) L6 3.63" (92.2mm)	1959-1954	10
F Series	292 CID (4.8L) V8 3.75" (95.3mm)	1959-1958	22
F Series	352 CID (5.8L) V8 4.00" (101.6mm)	1959-1958	35
F Super Duty	445 CID (7.3L) V8 4.11" (104.4mm) International DIESEL	1994-1990	48
F Super Duty	445 CID (7.3L) V8 4.11" (104.4mm) International Power-Stroke DIESEL	1997-1995	49
F Super Duty	460 CID (7.5L) V8 4.36" (110.7mm)	1997-1990	50
F-100	232 CID (3.8L) V6 3.81" (96.8mm)	1983-1982	11
F-100	300 CID (4.9L) L6 4.00" (101.6mm)	1983-1975	23
F-100	300 CID (4.9L) L6 4.00" (101.6mm) LPG	1982	24
F-100	302 CID (5.0L) V8 4.00" (101.6mm)	1983-1975	25
F-100	351 CID (5.8L) V8 4.00" (101.6mm) Modified	1981, 1979-1977	33
F-100	351 CID (5.8L) V8 4.00" (101.6mm) Windsor	1981, 1979-1977	34
F-100	360 CID (5.9L) V8 4.05" (102.9mm)	1976-1975	36
F-100	390 CID (6.4L) V8 4.05" (102.9mm)	1976-1975	41
F-100	400 CID (6.6L) V8 4.00" (101.6mm)	1979-1977	42
F-100	460 CID (7.5L) V8 4.36" (110.7mm)	1979, 1977-1975	50
F-100 Pickup	223 CID (3.7L) L6 3.63" (92.2mm)	1964-1960	10
F-100 Pickup	240 CID (3.9L) L6 4.00" (101.6mm)	1969-1965	12
F-100 Pickup	292 CID (4.8L) V8 3.75" (95.3mm)	1964-1960	22

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MODEL	ENGINE	YEAR	BLOCK
F-100 Pickup	300 CID (4.9L) L6 4.00" (101.6mm)	1974-1969	23
F-100 Pickup	302 CID (5.0L) V8 4.00" (101.6mm)	1974-1969	25
F-100 Pickup	352 CID (5.8L) V8 4.00" (101.6mm)	1966-1965	35
F-100 Pickup	360 CID (5.9L) V8 4.05" (102.9mm)	1974-1968	36
F-100 Pickup	390 CID (6.4L) V8 4.05" (102.9mm)	1974-1968	41
F-100 Pickup	460 CID (7.5L) V8 4.36" (110.7mm)	1974-1973	50
F-150	256 CID (4.2L) V6 3.81" (96.8mm) Triton	2002-1997	16
F-150	281 CID (4.6L) SOHC V8 3.55" (90.2mm) Triton	2004, 1999	18
F-150	281 CID (4.6L) SOHC V8 3.55" (90.2mm) Triton (Romeo)	2003-2001, 1998-1997	19
F-150	281 CID (4.6L) SOHC V8 3.55" (90.2mm) Triton (Windsor)	2003-2002, 1998-1997	20
F-150	300 CID (4.9L) L6 4.00" (101.6mm)	1995-1975	23
F-150	300 CID (4.9L) L6 4.00" (101.6mm) LPG	1985-1984, 1982	24
F-150	302 CID (5.0L) V8 4.00" (101.6mm)	1996-1975	25
F-150	330 CID (5.4L) SOHC V8 3.55" (90.2mm) Triton CNG	2003-2000, 1998	26
F-150	330 CID (5.4L) SOHC V8 3.55" (90.2mm) Triton	2004-1997	30
F-150	351 CID (5.8L) V8 4.00" (101.6mm) HO	1996-1984	32
F-150	351 CID (5.8L) V8 4.00" (101.6mm) Modified	1981-1977	33
F-150	351 CID (5.8L) V8 4.00" (101.6mm) Windsor	1995-1993, 1985-1977	34
F-150	360 CID (5.9L) V8 4.05" (102.9mm)	1976-1975	36
F-150	390 CID (6.4L) V8 4.05" (102.9mm)	1976-1975	41
F-150	400 CID (6.6L) V8 4.00" (101.6mm)	1979-1977	42
F-150	420 CID (6.9L) V8 4.00" (101.6mm) International DIESEL	1984	44
F-150	460 CID (7.5L) V8 4.36" (110.7mm)	1979-1975	50
F-150 Heritage	281 CID (4.6L) SOHC V8 3.55" (90.2mm) Triton (Romeo)	2004	19
F-150 Heritage	330 CID (5.4L) SOHC V8 3.55" (90.2mm) Triton CNG	2004	26
F-150 Heritage	330 CID (5.4L) SOHC V8 3.55" (90.2mm) Triton	2004	30
F-250	281 CID (4.6L) SOHC V8 3.55" (90.2mm) Triton (Romeo)	1998-1997	19
F-250	281 CID (4.6L) SOHC V8 3.55" (90.2mm) Triton (Windsor)	1999-1997	20
F-250	300 CID (4.9L) L6 4.00" (101.6mm)	1995-1975	23
F-250	300 CID (4.9L) L6 4.00" (101.6mm) LPG	1985-1984, 1982	24
F-250	302 CID (5.0L) V8 4.00" (101.6mm)	1996-1975	25
F-250	330 CID (5.4L) SOHC V8 3.55" (90.2mm) Triton CNG	1999-1997	26
F-250	330 CID (5.4L) SOHC V8 3.55" (90.2mm) Triton	1999-1997	30
F-250	351 CID (5.8L) V8 4.00" (101.6mm) HO	1997-1984	32
F-250	351 CID (5.8L) V8 4.00" (101.6mm) Modified	1981-1977	33
F-250	351 CID (5.8L) V8 4.00" (101.6mm) Windsor	1985-1977	34
F-250	360 CID (5.9L) V8 4.05" (102.9mm)	1976-1975	36
F-250	390 CID (6.4L) V8 4.05" (102.9mm)	1976-1975	41
F-250	400 CID (6.6L) V8 4.00" (101.6mm)	1982-1977	42
F-250	420 CID (6.9L) V8 4.00" (101.6mm) International DIESEL	1987-1983	44
F-250	445 CID (7.3L) V8 4.11" (104.4mm) International DIESEL	1994-1988	48
F-250	445 CID (7.3L) V8 4.11" (104.4mm) International Power-Stroke DIESEL	1997-1994	49
F-250	460 CID (7.5L) V8 4.36" (110.7mm)	1997-1983, 1979-1975	50
F-250 Pickup	223 CID (3.7L) L6 3.63" (92.2mm)	1964-1960	10
F-250 Pickup	240 CID (3.9L) L6 4.00" (101.6mm)	1969-1965	12
F-250 Pickup	292 CID (4.8L) V8 3.75" (95.3mm)	1964-1960	22
F-250 Pickup	300 CID (4.9L) L6 4.00" (101.6mm)	1974-1969	23
F-250 Pickup	302 CID (5.0L) V8 4.00" (101.6mm)	1974-1972	25
F-250 Pickup	352 CID (5.8L) V8 4.00" (101.6mm)	1966-1965	35
F-250 Pickup	360 CID (5.9L) V8 4.05" (102.9mm)	1974-1968	36
F-250 Pickup	390 CID (6.4L) V8 4.05" (102.9mm)	1974-1968	41
F-250 Pickup	460 CID (7.5L) V8 4.36" (110.7mm)	1974-1973	50
F-250 Super Duty	330 CID (5.4L) SOHC V8 3.55" (90.2mm) Triton	2004-1999	30
F-250 Super Duty	363 CID (6.0L) V8 3.74" (91.63mm) N/A DIESEL	2003	37

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MODEL	ENGINE	YEAR	BLOCK
F-250 Super Duty	363 CID (6.0L) V8 3.74" (95.0mm) Power-Stroke DIESEL	2006-2004	38
F-250 Super Duty	415 CID (6.8L) SOHC V10 3.55" (90.2mm) Triton	2004-1999	43
F-350	300 CID (4.9L) L6 4.00" (101.6mm)	1995-1975	23
F-350	300 CID (4.9L) L6 4.00" (101.6mm) LPG	1985-1984, 1982	24
F-350	302 CID (5.0L) V8 4.00" (101.6mm)	1980-1975	25
F-350	351 CID (5.8L) V8 4.00" (101.6mm) HO	1997-1984	32
F-350	351 CID (5.8L) V8 4.00" (101.6mm) Modified	1981-1977	33
F-350	351 CID (5.8L) V8 4.00" (101.6mm) Windsor	1985-1977	34
F-350	360 CID (5.9L) V8 4.05" (102.9mm)	1976-1975	36
F-350	390 CID (6.4L) V8 4.05" (102.9mm)	1976-1975	41
F-350	400 CID (6.6L) V8 4.00" (101.6mm)	1982-1977	42
F-350	420 CID (6.9L) V8 4.00" (101.6mm) International DIESEL	1987-1983	44
F-350	445 CID (7.3L) V8 4.11" (104.4mm) International DIESEL	1994-1988	48
F-350	445 CID (7.3L) V8 4.11" (104.4mm) International Power-Stroke DIESEL	1997-1994	49
F-350	460 CID (7.5L) V8 4.36" (110.7mm)	1997-1983, 1979-1975	50
F-350 Pickup	223 CID (3.7L) L6 3.63" (92.2mm)	1964-1960	10
F-350 Pickup	240 CID (3.9L) L6 4.00" (101.6mm)	1969-1965	12
F-350 Pickup	292 CID (4.8L) V8 3.75" (95.3mm)	1964-1960	22
F-350 Pickup	300 CID (4.9L) L6 4.00" (101.6mm)	1974-1969	23
F-350 Pickup	302 CID (5.0L) V8 4.00" (101.6mm)	1974-1972	25
F-350 Pickup	352 CID (5.8L) V8 4.00" (101.6mm)	1966-1965	35
F-350 Pickup	360 CID (5.9L) V8 4.05" (102.9mm)	1974-1968	36
F-350 Pickup	390 CID (6.4L) V8 4.05" (102.9mm)	1974-1968	41
F-350 Pickup	460 CID (7.5L) V8 4.36" (110.7mm)	1974-1973	50
F-350 Super Duty	330 CID (5.4L) SOHC V8 3.55" (90.2mm) Triton	2004-1999	30
F-350 Super Duty	363 CID (6.0L) V8 3.74" (91.63mm) N/A DIESEL	2003	37
F-350 Super Duty	363 CID (6.0L) V8 3.74" (95.0mm) Power-Stroke DIESEL	2006-2004	38
F-350 Super Duty	415 CID (6.8L) SOHC V10 3.55" (90.2mm) Triton	2004-1999	43
F-450 Super Duty	363 CID (6.0L) V8 3.74" (91.63mm) N/A DIESEL	2003	37
F-450 Super Duty	363 CID (6.0L) V8 3.74" (95.0mm) Power-Stroke DIESEL	2006-2004	38
F-450 Super Duty	415 CID (6.8L) SOHC V10 3.55" (90.2mm) Triton	2004-1999	43
F-500	330 CID (5.4L) V8 3.55" (90.2mm)	1977-1975	29
F-500	360 CID (5.9L) V8 4.05" (102.9mm)	1976-1975	36
F-500	390 CID (6.4L) V8 4.05" (102.9mm)	1976-1975	41
F-550 Super Duty	363 CID (6.0L) V8 3.74" (91.63mm) N/A DIESEL	2003	37
F-550 Super Duty	363 CID (6.0L) V8 3.74" (95.0mm) Power-Stroke DIESEL	2006-2004	38
F-550 Super Duty	415 CID (6.8L) SOHC V10 3.55" (90.2mm) Triton	2004-1999	43
F53	460 CID (7.5L) V8 4.36" (110.7mm)	1997-1988	50
F59	445 CID (7.3L) V8 4.11" (104.4mm) International DIESEL	1994-1988	48
F59	445 CID (7.3L) V8 4.11" (104.4mm) International Power-Stroke DIESEL	1994	49
FT	370 CID (6.1L) V8 4.05" (102.8mm)	1990-1988, 1986-1980	39
FT	429 CID (7.0L) V8 4.36" (110.7mm) Thunder Jet	1990-1988, 1986-1980	46
L	370 CID (6.1L) V8 4.05" (102.8mm)	1985-1980	39
L	429 CID (7.0L) V8 4.36" (110.7mm) Thunder Jet	1985-1980	46
LN	370 CID (6.1L) V8 4.05" (102.8mm)	1985-1980	39
LN	429 CID (7.0L) V8 4.36" (110.7mm) Thunder Jet	1985-1980	46
LN	473 CID (7.8L) L6 4.40" (111.8mm) Brazilian DIESEL	1993-1991	51
M-400	360 CID (5.9L) V8 4.05" (102.9mm)	1973	36
M-400	390 CID (6.4L) V8 4.05" (102.9mm)	1973, 1971	41
M-450	360 CID (5.9L) V8 4.05" (102.9mm)	1974	36
Mariner	182 CID (3.0L) DOHC V6 3.50" (89.0mm) Duratec	2005	7
Mountaineer	245 CID (4.0L) SOHC V6 3.95" (100.3mm)	2001-1998	14
Mountaineer	281 CID (4.6L) SOHC V8 3.55" (90.2mm) Triton (Romeo)	2004-2002	19

MODEL	ENGINE	YEAR	BLOCK
Mountaineer	302 CID (5.0L) V8 4.00" (101.6mm)	2001-1997	25
Navigator	330 CID (5.4L) DOHC V8 3.55" (90.2mm) InTech	2004-1999	27
Navigator	330 CID (5.4L) SOHC V8 3.55" (90.2mm) InTech	2005	28
Navigator	330 CID (5.4L) SOHC V8 3.55" (90.2mm) Triton	1999-1998	30
P-350	240 CID (3.9L) L6 4.00" (101.6mm)	1969-1968	12
P-350	300 CID (4.9L) L6 4.00" (101.6mm)	1976-1969	23
P-350	302 CID (5.0L) V8 4.00" (101.6mm)	1976, 1972	25
P-350	360 CID (5.9L) V8 4.05" (102.9mm)	1973	36
P-350	390 CID (6.4L) V8 4.05" (102.9mm)	1973-1972	41
P-350	400 CID (6.6L) V8 4.00" (101.6mm)	1976	42
P-400	300 CID (4.9L) L6 4.00" (101.6mm)	1976-1975	23
P-400	302 CID (5.0L) V8 4.00" (101.6mm)	1976-1975	25
P-400	400 CID (6.6L) V8 4.00" (101.6mm)	1976-1975	42
P-500	300 CID (4.9L) L6 4.00" (101.6mm)	1977-1975	23
P-500	302 CID (5.0L) V8 4.00" (101.6mm)	1977-1975	25
P-500	400 CID (6.6L) V8 4.00" (101.6mm)	1977-1975	42
Ranchero	200 CID (3.3L) L6 3.68" (93.5mm)	1968-1964	9
Ranchero	223 CID (3.7L) L6 3.63" (92.2mm)	1959-1957	10
Ranchero	250 CID (4.1L) L6 3.68" (93.5mm)	1973-1969	15
Ranchero	289 CID (4.7L) V8 4.00" (101.6mm)	1967-1965	21
Ranchero	292 CID (4.8L) V8 3.75" (95.3mm)	1959-1958	22
Ranchero	302 CID (5.0L) V8 4.00" (101.6mm)	1979-1977, 1974-1968	25
Ranchero	351 CID (5.8L) V8 4.00" (101.6mm) Cleveland	1974-1970	31
Ranchero	351 CID (5.8L) V8 4.00" (101.6mm) Modified	1979-1975	33
Ranchero	351 CID (5.8L) V8 4.00" (101.6mm) Windsor	1979-1969	34
Ranchero	352 CID (5.8L) V8 4.00" (101.6mm)	1959-1958	35
Ranchero	390 CID (6.4L) V8 4.05" (102.9mm)	1969-1967	41
Ranchero	400 CID (6.6L) V8 4.00" (101.6mm)	1978-1972	42
Ranchero	428 CID (7.0L) V8 4.13" (104.9mm) Cobra Jet	1969-1968	45
Ranchero	429 CID (7.0L) V8 4.36" (110.7mm) Thunder Jet	1973-1970	46
Ranchero	460 CID (7.5L) V8 4.36" (110.7mm)	1977-1974	50
Ranger	122 CID (2.0L) SOHC L4 3.52" (89.4mm)	1988-1983	1
Ranger	140 CID (2.3L) SOHC L4 3.78" (96.0mm)	1994-1983	3
Ranger	153 CID (2.5L) SOHC L4 3.78" (96.0mm)	2001-2000	4
Ranger	171 CID (2.8L) V6 3.66" (93.0mm)	1985-1983	5
Ranger	177 CID (2.9L) V6 3.66" (93.0mm)	1992-1986	6
Ranger	182 CID (3.0L) V6 3.50" (89.0mm) Vulcan	1994-1991	8
Ranger	245 CID (4.0L) V6 3.95" (100.3mm)	1997-1990	13
Ranger	245 CID (4.0L) SOHC V6 3.95" (100.3mm)	2001	14
School Bus Chassis	370 CID (6.1L) V8 4.05" (102.8mm)	1989-1980	39
School Bus Chassis	370 CID (6.1L) V8 4.05" (102.8mm) LPG	1987-1986, 1983	40
School Bus Chassis	429 CID (7.0L) V8 4.36" (110.7mm) Thunder Jet	1989-1980	46
School Bus Chassis	429 CID (7.0L) V8 4.36" (110.7mm) Thunder Jet LPG	1989, 1987 1984-1983	47
Windstar	232 CID (3.8L) V6 3.81" (96.8mm)	2000-1995	11

# FORD TRUCK

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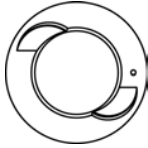
RINGS



PIN DIA



COMP HGT

1	122 CID (2.0L) SOHC L4 3.52" (89.4mm)				1	
1988-1983	C	<b>224-2274</b>		Material: Aluminum Flat Head w/2 Valve Reliefs	4 2.00mm 2.00mm 4.75mm	0.9122" 1.578"
STD, .020", .030", .040"				Pin Hole Location: Offset		
				<b>Piston Ring Sets:</b> Cast Iron: <b>51404CP</b> Premium: <b>41404CP</b>		
2	122 CID (2.0L) DOHC L4 3.34" (84.8mm) Zetec				2	
2004-2001	B	<b>224-3430</b>		Material: Aluminum Casting Number: 84L54 Dome Head w/ 3 valve reliefs Dome Height: .031" Coated Skirts	4 1.50mm 1.75mm 3.00mm	0.787" 1.157"
STD, .010", .020", .030", .040"						
<b>Notes:</b> Coated				<b>Piston Ring Sets:</b> Premium: <b>41724</b>		
3	140 CID (2.3L) SOHC L4 3.78" (96.0mm)				3	
1984-1983	A	<b>224-1946</b>		Material: Aluminum Flat Head w/2 Valve Reliefs Non-Turbo.	4 5/64" 5/64" 3/16"	0.9122" 1.578"
1982-1981	2					
1980-1977	B					
STD, .020", .030", .040", .060"				Pin Hole Location: Offset		
				<b>Piston Ring Sets:</b> Cast Iron: <b>51421CP</b> Premium: <b>41421CP</b>		
1994-1985	A	<b>224-3065</b>		Material: Aluminum Flat Head w/2 Valve Reliefs Shallow Groove.	4 1.50mm 1.50mm 4.00mm	0.9122" 1.578"
STD, .020", .030", .040", .060"				Pin Hole Location: Offset		
				<b>Piston Ring Sets:</b> Cast Iron: <b>51495CP</b> Premium: <b>41495CP</b>		
4	153 CID (2.5L) SOHC L4 3.78" (96.0mm)				4	
2001-2000	C	<b>224-3465</b>		Material: Aluminum Recess Head w/ 2 valve reliefs Recess Depth: 0.087" Recess Diameter: 2.375" Shallow Groove	4 1.50mm 1.50mm 3.00mm	0.9122" 1.900"
STD, .020", .030", .040"						
<b>Notes:</b> with Shallow Oil Groove				<b>Piston Ring Sets:</b> Premium: <b>41726</b>		

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RINGS



PIN DIA



COMP HGT

<b>5</b>	<b>171 CID (2.8L) V6 3.66" (93.0mm)</b>		<b>5</b>
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1986-1983	S	224-1999		Material: Aluminum Flat Head	6	2.00mm 2.50mm 4.00mm	0.945"	1.511"
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STD, .020", .030", .040"

**Piston Ring Sets:** Cast Iron: **51104CP**  
Premium: **41104CP**

<b>6</b>	<b>177 CID (2.9L) V6 3.66" (93.0mm)</b>		<b>6</b>
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1990-1986	T	224-2699		Recessed Head Recess Depth: 0.300" Recess Diameter: 2.420" Shallow Groove.	6	1.60mm 1.75mm 3.50mm	0.945"	1.527"
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STD, .020", .030", .040"

Pin Hole Location: Offset

**Notes:** For Trucks: Thru 5/10/90

**Piston Ring Sets:** Cast Iron: **51514CP**  
Premium: **41514CP**

1992-1986	T	224-3472		Material: Aluminum Casting Number: 93V100  Recessed head Recess Depth: 0.30" Dome Volume:	6	1.60mm 1.75mm 3.50mm	0.9449"	1.546"
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STD, .020", .030", .040"

Pin Hole Location: Offset

**Piston Ring Sets:** Cast Iron: **51514CP**  
Premium: **41514CP**

1992-1986	T	224-3473		Material: Aluminum Casting Number: 93V100  Recessed head Recess Depth: 0.30" Dome Volume: This is a .020" Reduced CH	6	1.60mm 1.75mm 3.50mm	0.9449"	1.526"
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STD, .020", .030", .040", .060"

Pin Hole Location: Offset

**Piston Ring Sets:** Cast Iron: **51514CP**  
Premium: **41514CP**

<b>7</b>	<b>182 CID (3.0L) DOHC V6 3.50" (89.0mm) Duratec</b>		<b>7</b>
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2005-2001	1	224-3428		Material: Hypereutectic  Dome Head w/ 4 valve reliefs Dome Height: .028" Shallow Groove, Coated Skirts	6	1.20mm 1.50mm 3.00mm	0.8272"	1.171"
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STD, .020", .030", .040"

Pin Hole Location: Offset

**Notes:** Coated

**Piston Ring Sets:** Premium: **41731**

# FORD TRUCK

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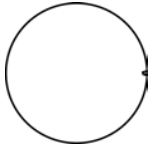
RINGS

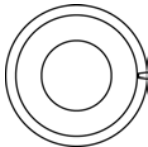


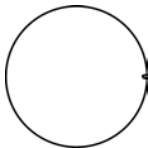
PIN DIA





COMP HGT

8				182 CID (3.0L) V6 3.50" (89.0mm) Vulcan				8	
1994-1986	U	224-2353		Material: Hypereutectic Flat Head Not destroked after Jan. 1990. Shallow Groove.	6	1.50mm 1.50mm 4.00mm	0.9122"	1.535"	Pin Hole Location: Offset
STD, .020", .030", .040"									
<b>Piston Ring Sets:</b> Premium: <b>41721</b>									

9				200 CID (3.3L) L6 3.68" (93.5mm)				9	
1974-1973, 1968	T	224-1650		Material: Aluminum Recessed Head Recess Depth: 0.085" Recess Diameter: 2.220"	6	5/64" 5/64" 3/16"	0.9122"	1.500"	Pin Hole Location: Offset
1967-1964	-								
STD, .020", .030", .040", .060"									
<b>Piston Ring Sets:</b> Cast Iron: <b>50565CP</b> Premium: <b>40565CP</b>									

10				223 CID (3.7L) L6 3.63" (92.2mm)				10	
1964-1954	-	224-2901		Material: Aluminum Flat Head	6	3/32" 3/32" 3/16"	0.9122"	1.857"	Pin Hole Location: Offset
STD, .020", .030", .040", .060"									
<b>Piston Ring Sets:</b> Premium: <b>40222</b>									

11				232 CID (3.8L) V6 3.81" (96.8mm)				11	
1983-1982	3	224-2187		Material: Aluminum Recess Depth: 0.071" Recess Diameter: 2.170" Recess Head w/2 valve reliefs	6	2.00mm 2.00mm 4.00mm	0.912"	1.584"	Pin Hole Location: Offset
STD, .030", .040", .060"									
<b>Piston Ring Sets:</b> Cast Iron: <b>51413CP</b> Premium: <b>41413CP</b>									

1995	4	224-2555		Material: Aluminum Recessed Head w/2 Valve Reliefs Recess Depth: 0.145" Recess Diameter: 2.170" Non-supercharged. Shallow Groove.	6	1.50mm 1.50mm 4.00mm	0.9122"	1.614"	Pin Hole Location: Offset
STD, .020", .030", .040"									
<b>Piston Ring Sets:</b> Cast Iron: <b>51553CP</b> Premium: <b>41553CP</b>									

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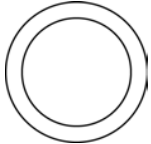


PIN DIA



COMP HGT

## 11 (cont.) 232 CID (3.8L) V6 3.81" (96.8mm) 11 (cont.)

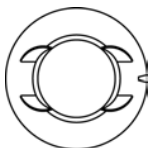
2000-1996	4	<b>224-3419</b>		Material: Hypereutectic Recessed Head Recess Depth: 0.100" Recess Diameter: 2.150" Non-Supercharged	6	1.50mm 1.50mm 3.00mm	0.9054"	1.430"
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STD, .020", .030", .040" Pin Hole Location: Offset

**Notes:** Coated

**Piston Ring Sets:** Cast Iron: **51732CP**  
Premium: **41732CP**

## 12 240 CID (3.9L) L6 4.00" (101.6mm) 12

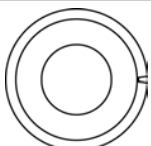
1969-1968	A	<b>224-1916</b>		Material: Aluminum Recessed Head w/4 Valve Reliefs Recess Depth: 0.140" Recess Diameter: 2.450"	8	5/64" 5/64" 3/16"	0.9122"	1.585"
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STD, .020", .030", .040", .060" Pin Hole Location: Offset

**Notes:** For : To Change Level 16

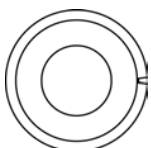
**Piston Ring Sets:** Cast Iron: **50564CP**  
Premium: **40564CP**

## 13 245 CID (4.0L) V6 3.95" (100.3mm) 13

1994-1990	X	<b>224-2812</b>		Material: Hypereutectic Recessed Head Recess Depth: 0.305" Recess Diameter: 2.460"	6	1.60mm 1.75mm 3.50mm	0.945"	1.450"
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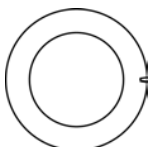
STD, .020", .030", .040" Pin Hole Location: Offset

**Piston Ring Sets:** Cast Iron: **51550cp**  
Premium: **41550CP**

1997-1995	X	<b>224-3422</b>		Material: Aluminum Casting Number: 100V33 Bowl Shape Recess In Head Recess Depth: 0.326"	6	1.60mm 1.75mm 3.50mm	0.945"	1.453"
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STD, .020", .030", .040"

**Piston Ring Sets:** Cast Iron: **51550cp**  
Premium: **41550CP**

1994-1990	X	<b>224-3474</b>		Material: Aluminum Casting Number: 100V21 Recessed head Recess Depth: 0.315" Dome Volume:	6	1.60mm 1.75mm 3.50mm	0.9449"	1.445"
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STD, .020", .030", .040" Pin Hole Location: Offset

**Piston Ring Sets:** Cast Iron: **51550cp**  
Premium: **41550CP**

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14		245 CID (4.0L) SOHC V6 3.95" (100.3mm)			14			
2001	K	<b>224-3423</b>		Material: Aluminum Casting Number: 100V32 Flat Head Shallow Groove	6	1.60mm 1.75mm 3.50mm	0.9449"	1.445"
2001-1997	E							
			STD, .020", .030", .040"					
				<b>Piston Ring Sets:</b>	Cast Iron: <b>51550cp</b> Premium: <b>41550CP</b>			
15		250 CID (4.1L) L6 3.68" (93.5mm)			15			
2001	K	<b>224-3478</b>		Material: Aluminum Casting Number: 100V32 Flat top This is a .010" Reduced CH	6	1.60mm 1.75mm 3.50mm	0.9449"	1.435"
2001-1997	E							
			STD, .020", .030", .040", .060"					Pin Hole Location: Offset
				<b>Piston Ring Sets:</b>	Cast Iron: <b>51550cp</b> Premium: <b>41550CP</b>			
15		250 CID (4.1L) L6 3.68" (93.5mm)			15			
1973-1969	L	<b>224-1650</b>		Material: Aluminum Recessed Head Recess Depth: 0.085" Recess Diameter: 2.220"	6	5/64" 5/64" 3/16"	0.9122"	1.500"
			STD, .020", .030", .040", .060"					Pin Hole Location: Offset
				<b>Piston Ring Sets:</b>	Cast Iron: <b>50565CP</b> Premium: <b>40565CP</b>			
16		256 CID (4.2L) V6 3.81" (96.8mm) Triton			16			
2002-1997	2	<b>224-3404</b>		Material: Hypereutectic Oblong Recess Head Recess Depth: 0.150"	6	1.50mm 1.50mm 3.00mm	0.9054"	1.255"
			STD, .020", .030", .040"					Pin Hole Location: Offset
<b>Notes:</b> Coated				<b>Piston Ring Sets:</b>	Premium: <b>41732CP</b>			
17		281 CID (4.6L) SOHC V8 3.55" (90.2mm)			17			
2004	W	<b>224-3438</b>		Material: Hypereutectic Bowl Recess Depth: 0.150" Recess Diameter: 3.050" Shallow Groove, Coated Skirts	8	1.50mm 1.50mm 3.00mm	0.866"	1.215"
			STD, .020", .030", .040"					Pin Hole Location: Offset
<b>Notes:</b> Coated				<b>Piston Ring Sets:</b>	Premium: <b>41787CP</b>			

# FORD TRUCK



YEAR

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PART NUMBER



SPECS

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RINGS

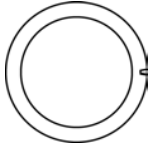


PIN DIA



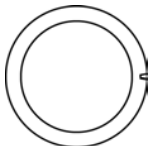
COMP HGT

<b>18</b>	<b>281 CID (4.6L) SOHC V8 3.55" (90.2mm) Triton</b>						<b>18</b>
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1999	6	<b>224-3413</b>	 <p style="font-size: small;">STD, .020", .030"</p>	Material: Aluminum  Recessed Head Recess Depth: 0.193" Recess Diameter: 2.931" Shallow Top Groove .131". Coated Skirt.	8	1.50mm 1.50mm 3.00mm	0.866"	1.216"
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**Notes:** For : Power Improved

**Piston Ring Sets:** Premium: **41787CP**

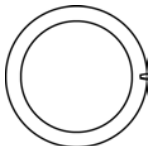
2004	W	<b>224-3438</b>	 <p style="font-size: small;">STD, .020", .030", .040"</p>	Material: Hypereutectic  Bowl Recess Depth: 0.150" Recess Diameter: 3.050" Shallow Groove, Coated Skirts	8	1.50mm 1.50mm 3.00mm	0.866"	1.215"
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**Notes:** Coated

**Piston Ring Sets:** Premium: **41787CP**

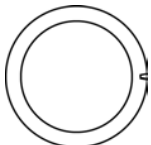
Pin Hole Location: Offset

<b>19</b>	<b>281 CID (4.6L) SOHC V8 3.55" (90.2mm) Triton (Romeo)</b>						<b>19</b>
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1998-1997	W	<b>224-2882</b>	 <p style="font-size: small;">STD, .020", .030", .040"</p>	Material: Hypereutectic  Recessed Head Recess Depth: 0.157" Recess Diameter: 2.700" Shallow Groove, Coated Skirts. SOHC and DOHC	8	1.50mm 1.50mm 3.00mm	0.8665"	1.200"
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**Piston Ring Sets:** Premium: **41787CP**

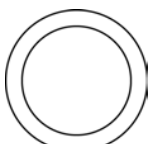
Pin Hole Location: Offset

2004-2001	W	<b>224-3438</b>	 <p style="font-size: small;">STD, .020", .030", .040"</p>	Material: Hypereutectic  Bowl Recess Depth: 0.150" Recess Diameter: 3.050" Shallow Groove, Coated Skirts	8	1.50mm 1.50mm 3.00mm	0.866"	1.215"
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**Notes:** Coated

**Piston Ring Sets:** Premium: **41787CP**

Pin Hole Location: Offset

1998-1997	W	<b>224-3550</b>	 <p style="font-size: small;">STD, .020", .030", .040"</p>	Material: Aluminum Casting Number: 90L77  Recessed head Recess Depth: 0.0062" Deep top ring groove (3.825mm/.151"). Coated skirts	8	1.50mm 1.50mm 3.00mm	0.866"	1.22"
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**Piston Ring Sets:** Premium: **42046CP**

Pin Hole Location: Offset

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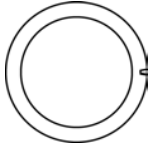
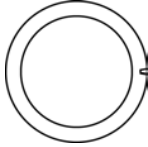
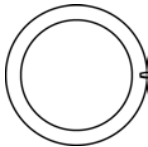
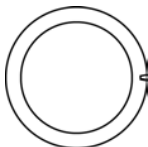
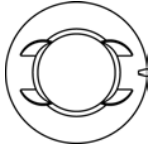
RINGS



PIN DIA



COMP HGT

20		281 CID (4.6L) SOHC V8 3.55" (90.2mm) Triton (Windsor)				20	
1998-1997	6	<b>224-2882</b>		Material: Hypereutectic Recessed Head Recess Depth: 0.157" Recess Diameter: 2.700" Shallow Groove, Coated Skirts. SOHC and DOHC	8	1.50mm 1.50mm 3.00mm	0.8665" 1.200"
			STD, .020", .030", .040"			Pin Hole Location: Offset	
			<b>Piston Ring Sets:</b> Premium: <b>41787CP</b>				
2003-2002, 2000-1999	6	<b>224-3413</b>		Material: Aluminum Recessed Head Recess Depth: 0.193" Recess Diameter: 2.931" Shallow Top Groove .131". Coated Skirt.	8	1.50mm 1.50mm 3.00mm	0.866" 1.216"
			STD, .020", .030"				
<b>Notes:</b> From 1999 to 2000: Power Improved			<b>Piston Ring Sets:</b> Premium: <b>41787CP</b>				
1998-1997	6	<b>224-3417</b>		Material: Aluminum Recessed Head Recess Depth: 0.162" Recess Diameter: 2.642" Coated Skirt. Shallow Top Groove .131".	8	1.50mm 1.50mm 3.00mm	0.862" 1.246"
			STD, .020", .030", .040"			Pin Hole Location: Press Fit or Free Float	
<b>Notes:</b> For Trucks, Vans: Except Power Improved			<b>Piston Ring Sets:</b> Premium: <b>41787CP</b>				
2003-2002	6	<b>224-3438</b>		Material: Hypereutectic Bowl Recess Depth: 0.150" Recess Diameter: 3.050" Shallow Groove, Coated Skirts	8	1.50mm 1.50mm 3.00mm	0.866" 1.215"
			STD, .020", .030", .040"			Pin Hole Location: Offset	
<b>Notes:</b> Coated			<b>Piston Ring Sets:</b> Premium: <b>41787CP</b>				
21		289 CID (4.7L) V8 4.00" (101.6mm)				21	
1968 1967-1965	N -	<b>224-1916</b>		Material: Aluminum Recessed Head w/4 Valve Reliefs Recess Depth: 0.140" Recess Diameter: 2.450"	8	5/64" 5/64" 3/16"	0.9122" 1.585"
			STD, .020", .030", .040", .060"			Pin Hole Location: Offset	
<b>Notes:</b> For : with 2 Barrel Carburetor			<b>Piston Ring Sets:</b> Cast Iron: <b>50564CP</b> Premium: <b>40564CP</b>				

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## 21 (cont.) 289 CID (4.7L) V8 4.00" (101.6mm) 21 (cont.)

1968	N	<b>224-2108</b>	 <p>Material: Aluminum</p> <p>Flat Head w/4 Valve Reliefs</p> <p>STD, .020", .030", .040", .060"</p>	8	5/64"	0.9122"	1.585"
1967-1965	-				5/64"		3/16"

Pin Hole Location: Offset

**Notes:** For : with 4 Barrel Carburetor

**Piston Ring Sets:** Cast Iron: **50564CP**  
Premium: **40564CP**


1968	N	<b>224-2992</b>	 <p>Material: Hypereutectic</p> <p>Flat Head w/4 Valve Reliefs</p> <p>Not intended for racing applications.</p> <p>Not destroyed. Coated Skirts</p> <p>STD, .020", .030", .040", .060"</p>	8	5/64"	0.9122"	1.605"
1967-1965	-				5/64"		3/16"

Pin Hole Location: Offset

**Notes:** Performer; with 4 Barrel Carburetor

**Piston Ring Sets:** Cast Iron: **50564CP**  
Premium: **40564CP**

## 22 292 CID (4.8L) V8 3.75" (95.3mm) 22

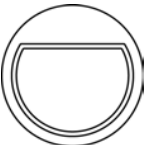
1964-1958	-	<b>224-2904</b>	 <p>Material: Aluminum</p> <p>Flat Head</p> <p>STD, .030", .040", .060"</p>	8	5/64"	0.9122"	1.760"
					5/64"		3/16"

Pin Hole Location: Offset

**Notes:** For Trucks: Except Heavy Duty

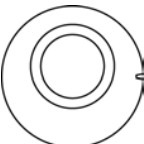
**Piston Ring Sets:** Cast Iron: **50618**  
Premium: **40618**

## 23 300 CID (4.9L) L6 4.00" (101.6mm) 23

1987-1983	Y	<b>224-1842</b>	 <p>Material: Aluminum</p> <p>D Shape Recessed Head</p> <p>Recess Depth: 0.260"</p> <p>Truck Eng. after L16</p>	6	5/64"	0.9752"	1.740"
1985-1982	9						
1982-1980	E						
1982,	B						
1979-1969							
1979-1978	K	STD, .020", .030", .040", .060"					

Pin Hole Location: Offset

**Piston Ring Sets:** Cast Iron: **50664CP**  
Premium: **40664CP**

1986-1983	Y	<b>224-2039</b>	 <p>Material: Aluminum</p> <p>Offset Recessed Head</p> <p>Recess Depth: 0.280"</p> <p>Recess Diameter: 2.340"</p>	6	5/64"	0.9752"	1.763"
1985-1982	9						
1982-1980	E						
1982,	B						
1979-1977							
1979-1978	K	STD, .020", .030", .040", .060"					

Pin Hole Location: Offset

**Notes:** For Trucks, Vans: Round Combustion Cup

**Piston Ring Sets:** Cast Iron: **50664CP**  
Premium: **40664CP**

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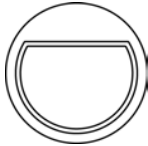

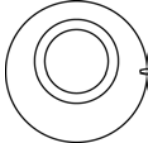

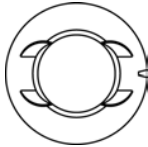
RINGS



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23 (cont.)		300 CID (4.9L) L6 4.00" (101.6mm)		23 (cont.)					
1995-1983	Y	<b>224-2581</b>		Material: Hypereutectic	6	5/64"	0.9752"	1.776"	
1995-1994	Z			D Shape Recessed Head					
1988,	9			Recess Depth: 0.310"					
1985-1982				1977-82 LD Truck will replace circular					
1982-1980	E			cup piston in complete sets.					
1982,	B			1969-76 LD Trk. from change L16					Pin Hole Location: Offset
1979-1969				exc. F100.					
1979-1978	K								
<b>Notes:</b> Optional; Replace in Complete Sets				<b>Piston Ring Sets:</b> Cast Iron: <b>50664CP</b> Premium: <b>40664CP</b>					
24		300 CID (4.9L) L6 4.00" (101.6mm) LPG		24					
1985-1982	9	<b>224-1842</b>		Material: Aluminum	6	5/64"	0.9752"	1.740"	
1985-1983	Y			D Shape Recessed Head					
1982	E			Recess Depth: 0.260"					
				Truck Eng. after L16					
				STD, .020", .030", .040", .060"				Pin Hole Location: Offset	
<b>Notes:</b>				<b>Piston Ring Sets:</b> Cast Iron: <b>50664CP</b> Premium: <b>40664CP</b>					
1985-1982	9	<b>224-2039</b>		Material: Aluminum	6	5/64"	0.9752"	1.763"	
1985-1983	Y			Offset Recessed Head					
1982	E			Recess Depth: 0.280"					
				Recess Diameter: 2.340"					
				STD, .020", .030", .040", .060"				Pin Hole Location: Offset	
<b>Notes:</b> For Trucks, Vans: Round Combustion Cup				<b>Piston Ring Sets:</b> Cast Iron: <b>50664CP</b> Premium: <b>40664CP</b>					
1988,	9	<b>224-2581</b>		Material: Hypereutectic	6	5/64"	0.9752"	1.776"	
1985-1982				D Shape Recessed Head					
1988,	Y			Recess Depth: 0.310"					
1985-1983				1977-82 LD Truck will replace circular					
1982	E			cup piston in complete sets.					Pin Hole Location: Offset
				1969-76 LD Trk. from change L16					
				exc. F100.					
<b>Notes:</b> Optional; Replace in Complete Sets				<b>Piston Ring Sets:</b> Cast Iron: <b>50664CP</b> Premium: <b>40664CP</b>					
25		302 CID (5.0L) V8 4.00" (101.6mm)		25					
1976-1975	B	<b>224-1916</b>		Material: Aluminum	8	5/64"	0.9122"	1.585"	
1976-1968	G			Recessed Head w/4 Valve Reliefs					
1974-1968	F			Recess Depth: 0.140"					
				Recess Diameter: 2.450"					
				STD, .020", .030", .040", .060"				Pin Hole Location: Offset	
<b>Notes:</b>				<b>Piston Ring Sets:</b> Cast Iron: <b>50564CP</b> Premium: <b>40564CP</b>					

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## 25 (cont.) 302 CID (5.0L) V8 4.00" (101.6mm) 25 (cont.)

1986-1985	N	<b>224-2108</b>	 <p>Material: Aluminum Flat Head w/4 Valve Reliefs</p>	8	5/64"	0.9122"	1.585"
1985-1977	F				5/64"		
1979-1977	G				3/16"		
1977	B						

STD, .020", .030", .040", .060"

Pin Hole Location: Offset


**Piston Ring Sets:** Cast Iron: **50564CP**  
Premium: **40564CP**

1994-1986	N	<b>224-2587</b>	 <p>Recessed Head w/4 Valve Reliefs Recess Depth: 0.030" Recess Diameter: 2.500"</p>	8	1.50mm	0.9122"	1.608"
					1.50mm		

STD, .020", .030", .040", .060"

Pin Hole Location: Offset

**Piston Ring Sets:** Cast Iron: **51497CP**  
Premium: **41497CP**


2000-1996	P	<b>224-2813</b>	 <p>Material: Hypereutectic Recessed Head w/4 Valve Reliefs Recess Depth: 0.029" Recess Diameter: 2.450" Coated Skirts, Shallow Groove.</p>	8	1.50mm	0.9122"	1.600"
1996-1992	N				1.50mm		

STD, .020", .030", .040", .060"

Pin Hole Location: Offset

**Notes:** Replace in Complete Sets

**Piston Ring Sets:** Cast Iron: **51497CP**  
Premium: **41497CP**

2001-1996	P	<b>224-3468</b>	 <p>Material: Hypereutectic Flat w/ 4 reliefs Coated Skirts</p>	8	1.50mm	0.9122"	1.595"
1996	N				1.50mm		


STD, .020", .030", .040", .060"

Pin Hole Location: Offset

**Notes:** with Shallow Oil Groove

**Piston Ring Sets:** Cast Iron: **51497CP**  
Premium: **41497CP**

## 26 330 CID (5.4L) SOHC V8 3.55" (90.2mm) Triton CNG 26

1999-1998	Z	<b>224-3414</b>	 <p>Material: Aluminum Recessed Head Recess Depth: 0.069" Recess Diameter: 2.701" Free Floating pin. Coated Skirt.</p>	8	1.50mm	0.866"	1.22"
1999-1997	M				1.50mm		
1999-1997	L				3.00mm		

STD, .020", .030", .040"

Pin Hole Location: Offset

**Notes:** Coated  
For : Except Power Improved

**Piston Ring Sets:** Premium: **41787CP**

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26 (cont.)		330 CID (5.4L) SOHC V8 3.55" (90.2mm) Triton CNG				26 (cont.)	
2005-1997	M	<b>224-3418</b>		Material: Aluminum	8	1.50mm 1.50mm 3.00mm	0.866" 1.21"
2005-1997	L			Casting Number: 90L91			
2004-1998	Z			Recessed Head			
2003-2000	3			Recess Depth: 0.136" Recess Diameter: 2.951" Coated Skirt.			
			STD, .020", .030", .040"			Pin Hole Location: Offset	
<b>Notes:</b>		Coated; Power Improved		<b>Piston Ring Sets:</b> Premium: <b>41787CP</b>			
27		330 CID (5.4L) DOHC V8 3.55" (90.2mm) InTech				27	
2004-2001	R	<b>224-3479</b>		Material: Aluminum	8	1.50mm 1.50mm 3.00mm	0.866" 1.21"
2002-1999	A			Casting Number: 90L892			
			STD, 10MM, 25MM, 50MM, 75MM			Pin Hole Location: Offset	
<b>Notes:</b>		Coated; Power Improved		<b>Piston Ring Sets:</b> Premium: <b>01496N</b>			
28		330 CID (5.4L) SOHC V8 3.55" (90.2mm) InTech				28	
2005	5	<b>224-3418</b>		Material: Aluminum	8	1.50mm 1.50mm 3.00mm	0.866" 1.21"
				Casting Number: 90L91			
				Recessed Head			
				Recess Depth: 0.136" Recess Diameter: 2.951" Coated Skirt.			
			STD, .020", .030", .040"			Pin Hole Location: Offset	
<b>Notes:</b>		Coated; Power Improved		<b>Piston Ring Sets:</b> Premium: <b>41787CP</b>			
29		330 CID (5.4L) V8 3.55" (90.2mm)				29	
1977-1975	-	<b>224-1882</b>		Material: Aluminum	8	5/64" 3/32" 3/16"	0.9752" 1.830"
				D Shape Recessed Head			
				Recess Depth: 0.054"			
				Pin I.D. 0.700"			
			STD, .030", .040", .060"			Pin Hole Location: Center	
<b>Notes:</b>		3 Ring Piston; Medium Duty		<b>Piston Ring Sets:</b> Cast Iron: <b>50620</b> Premium: <b>40620</b>			
30		330 CID (5.4L) SOHC V8 3.55" (90.2mm) Triton				30	
1999-1998	Z	<b>224-3414</b>		Material: Aluminum	8	1.50mm 1.50mm 3.00mm	0.866" 1.22"
1999-1997	M			Recessed Head			
1999-1997	L			Recess Depth: 0.069" Recess Diameter: 2.701" Free Floating pin. Coated Skirt.			
				STD, .020", .030", .040"			
						Pin Hole Location: Offset	
<b>Notes:</b>		Coated For : Except Power Improved		<b>Piston Ring Sets:</b> Premium: <b>41787CP</b>			

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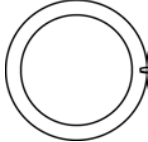


PIN DIA



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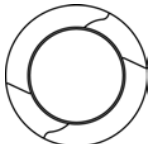
## 30 (cont.) 330 CID (5.4L) SOHC V8 3.55" (90.2mm) Triton 30 (cont.)

2008-1997	L	<b>224-3418</b>	 <p>STD, .020", .030", .040"</p>	Material: Aluminum Casting Number: 90L91	8	1.50mm 1.50mm 3.00mm	0.866"	1.21"
2005-1997	M							
2004-1998	Z				Recessed Head Recess Depth: 0.136" Recess Diameter: 2.951" Coated Skirt.			
2004-1999	3							Pin Hole Location: Offset


**Notes:** Coated; Power Improved

**Piston Ring Sets:** Premium: **41787CP**

## 31 351 CID (5.8L) V8 4.00" (101.6mm) Cleveland 31

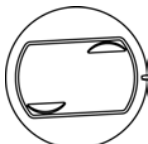
1974-1970	H	<b>224-1921</b>	 <p>STD, .020", .030", .040", .060"</p>	Material: Aluminum	8	5/64" 5/64" 3/16"	0.9122"	1.630"
1974-1972	Q				Recessed head w/2 angled valve reliefs Recess Depth: 0.060" Recess Diameter: 2.750"			
1971-1970	M							Pin Hole Location: Offset

**Piston Ring Sets:** Cast Iron: **50564CP**  
Premium: **40564CP**

1970	M	<b>224-3062</b>	 <p>STD, .020", .030", .040", .060"</p>	Material: Aluminum	8	5/64" 5/64" 3/16"	0.9122"	1.635"
1970	H				Flat Head w/2 Angled Valve Reliefs			

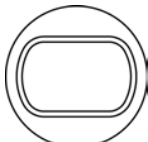
**Piston Ring Sets:** Cast Iron: **50564CP**  
Premium: **40564CP**

## 32 351 CID (5.8L) V8 4.00" (101.6mm) HO 32

1993-1984	H	<b>224-2040</b>	 <p>STD, .020", .030", .040", .060"</p>	Material: Aluminum	8	5/64" 5/64" 3/16"	0.9122"	1.752"
				Rectangular Recessed Head w/2 Valve Reliefs Recess Depth: 0.105" 2 valve reliefs, 11.5cc.				

**Notes:** Replace in Complete Sets

**Piston Ring Sets:** Cast Iron: **50564CP**  
Premium: **40564CP**

1997-1993	H	<b>224-2808</b>	 <p>STD, .020", .030", .040"</p>	Material: Hypereutectic	8	1.50mm 1.50mm 4.00mm	0.9122"	1.770"
				Recessed Head Rectangular w/Rounded Ends Recess Depth: 0.180" Shallow Groove. Lightning Series				

**Piston Ring Sets:** Premium: **41739**

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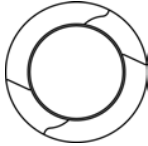
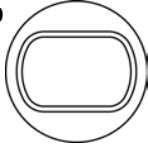

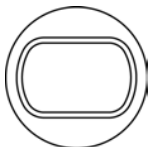

RINGS



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33		351 CID (5.8L) V8 4.00" (101.6mm) Modified				33		
1982-1980	G	<b>224-2001</b>		Material: Aluminum Recessed Head w/2 angled valve reliefs Recess Depth: 0.60" Recess Diameter: 2.600"	8	5/64"	0.9752"	1.921"
1979-1975	H					5/64" 3/16"		
			STD, .020", .030", .040", .060"			Pin Hole Location: Offset		
						<b>Piston Ring Sets:</b> Cast Iron: <b>50564CP</b> Premium: <b>40564CP</b>		
34		351 CID (5.8L) V8 4.00" (101.6mm) Windsor				34		
1972-1969	H	<b>224-1810.020</b>		Material: Aluminum Rectangular Recess Head Recess Depth: 0.230"	8	5/64"	0.912"	1.739"
1972	Q					5/64"		
1971-1969	M					3/16"		
			.020", .030", .040", .060"			Pin Hole Location: Offset		
<b>Notes:</b>		For 1969 Trucks: Except 4 Barrel Carburetor				<b>Piston Ring Sets:</b> Cast Iron: <b>50564CP</b> Premium: <b>40564CP</b>		
1993	R	<b>224-2040</b>		Material: Aluminum Rectangular Recessed Head w/2 Valve Reliefs Recess Depth: 0.105" 2 valve reliefs, 11.5cc.	8	5/64"	0.9122"	1.752"
1985-1980	G					5/64"		
1979-1969	H					3/16"		
1974-1972	Q							
1971-1969	M							
			STD, .020", .030", .040", .060"			Pin Hole Location: Offset		
<b>Notes:</b>		From 1969 to 1972: Low Compression Replace in Complete Sets				<b>Piston Ring Sets:</b> Cast Iron: <b>50564CP</b> Premium: <b>40564CP</b>		
1995-1994	R	<b>224-2808</b>		Material: Hypereutectic Recessed Head Rectangular w/Rounded Ends Recess Depth: 0.180" Shallow Groove. Lightning Series	8	1.50mm	0.9122"	1.770"
						1.50mm 4.00mm		
			STD, .020", .030", .040"			Pin Hole Location: Offset		
						<b>Piston Ring Sets:</b> Premium: <b>41739</b>		
35		352 CID (5.8L) V8 4.00" (101.6mm)				35		
1966-1965,	-	<b>224-1666.030</b>		Material: Aluminum	8	5/64"	0.975"	1.816"
1959-1958						3/32" 3/16"		
			.030", .040"					
						<b>Piston Ring Sets:</b> Cast Iron: <b>50139</b> Premium: <b>40139</b>		

# FORD TRUCK

# MAHLE



YEAR

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SPECS

QTY



RINGS




PIN DIA



COMP HGT

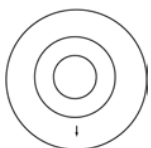
<b>36</b>	<b>360 CID (5.9L) V8 4.05" (102.9mm)</b>								<b>36</b>

1976-1968	Y	224-1713		Material: Aluminum	8	5/64"	0.9752"	1.76"
				Flat head w/ 2 valve reliefs		3/32"		
						3/16"		
			STD, .020", .030", .040", .060"					Pin Hole Location: Offset

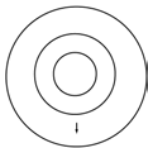
**Notes:** For Trucks, Vans: with 10:1 Compression Ratio; Premium Fuel

**Piston Ring Sets:** Cast Iron: **50134CP**  
Premium: **40134CP**

<b>37</b>	<b>363 CID (6.0L) V8 3.74" (91.63mm) N/A DIESEL</b>								<b>37</b>

2003	P	224-3454		Material: Aluminum	8	2.30mm	1.339"	2.059"
2003	-			Casting Number: 95L102		2.00mm		
				Flat with combustion chamber		3.50mm		
			STD, .020", .030", .040"	Recess Depth: 0.646"				
				Coated skirts. Keystone top ring. For S/N 1611 & UP. 2003 ONLY				

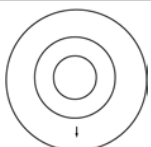
**Piston Ring Sets:** Premium: **41940**

2003	P	224-3455		Material: Aluminum	8	2.30mm	1.339"	2.049"
2003	-			Casting Number: 95L102		2.00mm		
				Flat with combustion chamber		3.50mm		
			STD, .020", .030", .040"	Recess Depth: 0.646"				
				Coated skirts. Keystone top ring. For S/N 1611 & UP.				

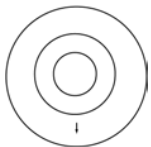
**Notes:** Piston Destroyed .010"

**Piston Ring Sets:** Premium: **41940**

<b>38</b>	<b>363 CID (6.0L) V8 3.74" (95.0mm) Power-Stroke DIESEL</b>								<b>38</b>

2006-2004	P	224-3503		Material: Aluminum	8	2.30mm	1.339"	2.059"
				Casting Number: 95L102A1		2.00mm		
				Flat with combustion chamber		3.50mm		
			STD, .010", .020", .030", .040"	Recess Depth: 0.665"				
				Keystone top ring. Coated skirts.				Pin Hole Location: Center

**Piston Ring Sets:** Premium: **41940**

2006-2004	P	224-3504		Material: Aluminum	8	2.30mm	1.339"	2.049"
				Casting Number: 95L102A1		2.00mm		
				Flat with combustion chamber		3.50mm		
			STD, .010", .020", .030", .040"	Recess Depth: 0.665"				
				Keystone top ring. Coated skirts.				Pin Hole Location: Center
				Reduced .010" CH				

**Piston Ring Sets:** Premium: **41940**

# FORD TRUCK

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RINGS



PIN DIA



COMP HGT

39		370 CID (6.1L) V8 4.05" (102.8mm)				39			
1990-1980	H	224-3571		Material: Hypereutectic	8	3/32"	1.0402"	2.120"	
1989-1981	C			Flat Head w/ 2 valve reliefs			5/64"		
1987-1986,	7						3/16"		
1983									
				STD, .030", .040", .060"					
					<b>Piston Ring Sets:</b> Cast Iron: <b>51247CP</b> Premium: <b>41247</b>				
40		370 CID (6.1L) V8 4.05" (102.8mm) LPG				40			
1987-1986,	H	224-3571		Material: Hypereutectic	8	3/32"	1.0402"	2.120"	
1983				Flat Head w/ 2 valve reliefs			5/64"		
1987-1986,	C						3/16"		
1983									
1987-1986,	7								
1983									
				STD, .030", .040", .060"					
					<b>Piston Ring Sets:</b> Cast Iron: <b>51247CP</b> Premium: <b>41247</b>				
41		390 CID (6.4L) V8 4.05" (102.9mm)				41			
1969-1968	S	224-1712		Material: Aluminum	8	5/64"	0.9752"	1.760"	
1967	-			Recessed Head w/4 Valve Reliefs In Recess Recess Depth: 0..147" Recess Diameter: 3.000"			3/32"		
							3/16"		
				STD, .020", .030", .040", .060"	Pin Hole Location: Offset				
					<b>Piston Ring Sets:</b> Cast Iron: <b>50134CP</b> Premium: <b>40134CP</b>				
1976-1968	H	224-1831		Material: Aluminum	8	5/64"	0.9752"	1.660"	
1976-1974	M			Recessed Head w/4 Valve Reliefs Recess Depth: 0.075" Recess Diameter: 2.620"			3/32"		
1969-1968	S						3/16"		
1968	Y								
				STD, .020", .030", .040", .060"	Pin Hole Location: Offset				
					<b>Piston Ring Sets:</b> Cast Iron: <b>50134CP</b> Premium: <b>40134CP</b>				
42		400 CID (6.6L) V8 4.00" (101.6mm)				42			
1982-1977	Z	224-1840		Material: Aluminum	8	5/64"	0.9752"	1.630"	
1979-1972	S			Recessed Head w/ 2 angled valve reliefs Recess Depth: 0.115" Recess Diameter: 2.944"			5/64"		
							3/16"		
				STD, .020", .030", .040", .060"	Pin Hole Location: Offset				
					<b>Piston Ring Sets:</b> Cast Iron: <b>50564CP</b> Premium: <b>40564CP</b>				

# FORD TRUCK



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SPECS



QTY RINGS

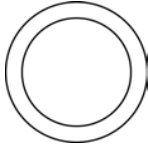


PIN DIA



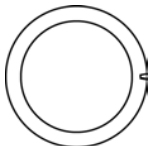
COMP HGT

<b>43</b>	<b>415 CID (6.8L) SOHC V10 3.55" (90.2mm) Triton</b>						<b>43</b>
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2004-1999	S	<b>224-3485</b>		Material: Aluminum Casting Number: 90L91+++A4  Recessed head Recess Depth: 0.136" Recess Diameter: 2.952" Power Improved. Coated skirts	10	1.50mm 1.50mm 3.00mm	0.866"	1.21"
			STD, .020", .030", .040", .060"			Pin Hole Location: Offset		

**Notes:** Power Improved


**Piston Ring Sets:** Premium: **41788**

2003-1999	S	<b>224-3561</b>		Material: Aluminum Casting Number: 90L80  Recessed Head Recess Depth: 0.069" Coated Skirts	10	1.50mm 1.50mm 3.00mm	0.866"	1.22"
			STD, .020", .030", .040"			Pin Hole Location: Offset		

**Notes:** Except Power Improved


**Piston Ring Sets:** Premium: **41788**

<b>44</b>	<b>420 CID (6.9L) V8 4.00" (101.6mm) International DIESEL</b>						<b>44</b>
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1987-1983	1	<b>224-2190</b>		Material: Aluminum Casting Number: 101L26  Swirl Chamber cup in head (6.6cc) Diesel Trk. Destroyed .010"	8	2.00mm 2.00mm 2.80mm	1.11"	1.934"
			STD, .010", .020", .030", .040", .060"			Pin Hole Location: Center		

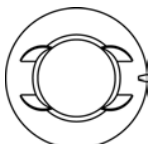
**Notes:** Armored Groove; After Engine Serial # 59209; Contains Pin

**Piston Ring Sets:** Premium: **41333**

1987-1983	1	<b>224-3505</b>		Material: Aluminum Casting Number: 101I26  Ricardo Bowl Head	8	2.00mm 2.00mm 2.80mm	1.11"	1.944"
			STD, .020", .030", .040"			Pin Hole Location: Center		

**Piston Ring Sets:** Premium: **41333**

<b>45</b>	<b>428 CID (7.0L) V8 4.13" (104.9mm) Cobra Jet</b>						<b>45</b>
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1969	R	<b>224-3061</b>		Material: Aluminum  Recessed Head w/ 4 valve reliefs Recess Depth: 0.120" Recess Diameter: 2.593"	8	5/64" 5/64" 3/16"	0.9752"	1.660"
1969-1968			STD, .030", .040", .060"			Pin Hole Location: Offset		

**Piston Ring Sets:** Cast Iron: **50720**  
Premium: **40720**

# FORD TRUCK

# MAHLE



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SPECS

QTY



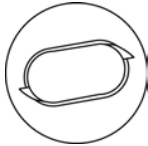
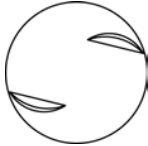
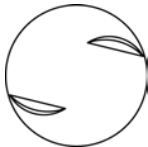

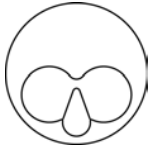
RINGS



PIN DIA



COMP HGT

46		429 CID (7.0L) V8 4.36" (110.7mm) Thunder Jet				46		
1973-1972, 1970	N	<b>224-1869</b>		Material: Aluminum Oblong Shaped Recess w/2 Valve Reliefs In Head Recess Depth: 0.100"	8	5/64" 5/64" 3/16"	1.0402" 1.882"	
1971-1970	J							
1971-1970	C							
			STD, .030", .040", .060"				Pin Hole Location: Offset	
				<b>Piston Ring Sets:</b>	Cast Iron: <b>50843CP</b> Premium: <b>40843CP</b>			
1993-1991		J	<b>224-2120</b>		Material: Aluminum	8	3/32" 5/64" 3/16"	1.0402" 2.140"
1991-1980	K				Flat Head w/2 Valve Reliefs Iron Groove.			
1989,	8							
1987,								
1984-1983								
1988	C							
			STD, .020", .030", .040"					Pin Hole Location: Offset
<b>Notes:</b>		Armored Groove						<b>Piston Ring Sets:</b> Premium: <b>41243</b>
47		429 CID (7.0L) V8 4.36" (110.7mm) Thunder Jet LPG				47		
1989,	K	<b>224-2120</b>		Material: Aluminum	8	3/32" 5/64" 3/16"	1.0402" 2.140"	
1987,					Flat Head w/2 Valve Reliefs Iron Groove.			
1984-1983								
1989,	8							
1987,								
1984-1983								
			STD, .020", .030", .040"					Pin Hole Location: Offset
<b>Notes:</b>		Armored Groove						<b>Piston Ring Sets:</b> Premium: <b>41243</b>
48		445 CID (7.3L) V8 4.11" (104.4mm) International DIESEL				48		
1994-1988	M	<b>224-2908</b>		Material: Aluminum Casting Number: 104L32	8	3.00mm 2.00mm 3.50mm	1.11" 1.940"	
				Ricardo Bowl Head Swirl Chamber. Destroyed .010". Iron Top Groove. Casting # 104L22 was SS to 104L32 rings will not work.				
			STD, .020", .030", .040"					Pin Hole Location: Center
<b>Notes:</b>		For : Thru 2/3/92						<b>Piston Ring Sets:</b> Premium: <b>14417N</b>
1994-1988	M	<b>224-3508</b>		Material: Aluminum Casting Number: 104L32	8	3.00mm 2.00mm 3.50mm	1.11" 1.950"	
				Ricardo Bowl Head Casting change 104L22 was superseded by 104L32 rings will not interchange.				
			STD, .020", .030", .040"					<b>Piston Ring Sets:</b> Premium: <b>14417N</b>

# FORD TRUCK

# MAHLE



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SPECS



QTY RINGS




PIN DIA




COMP HGT

## 48 (cont.) 445 CID (7.3L) V8 4.11" (104.4mm) International DIESEL


48 (cont.)

1994-1988	M	<b>224-3509HA</b>	 STD, .020", .030", .040"	Material: Aluminum Casting Number: 104L32  Ricardo Bowl Head Reduced .020" CH. Hard anodized crown Casting change 104L22 was superseded by 104L32 rings will not interchange.	8	3.00mm 2.00mm 3.50mm	1.11"	1.930"
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**Piston Ring Sets:** Premium: **14417N**

1994-1988	M	<b>224-3510</b>	 STD, .020", .030", .040"	Material: Aluminum Casting Number: 104L32  Ricardo Bowl Head Reduced .020" CH. Indirect Injection. Casting change 104L22 was superseded by 104L32 rings will not interchange.	8	3.00mm 2.00mm 3.50mm	1.11"	1.930"
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**Piston Ring Sets:** Premium: **14417N**

1994	K	<b>224-3511HA</b>	 STD, .020", .030", .040"	Material: Aluminum Casting Number: 104L33  Ricardo Bowl Head Hard anodized crown. Keystone top & second ring. Big pin.	8	3.16mm 2.52mm 3.50mm	1.307"	1.950"
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**Piston Ring Sets:** Premium: **14418N**

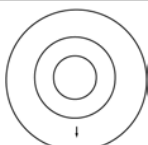
1994	K	<b>224-3512HA</b>	 STD, .020", .030", .040"	Material: Aluminum Casting Number: 104L33  Ricardo Bowl Head Hard anodized crown. Keystone top & second ring. Big pin. Reduced .010" Compression Height.	8	3.16mm 2.52mm 3.50mm	1.307"	1.940"
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**Notes:** Low Compression

**Piston Ring Sets:** Premium: **14418N**

## 49 445 CID (7.3L) V8 4.11" (104.4mm) International Power-Stroke DIESEL

49

1998-1996	F	<b>224-3163</b>	 STD, .020", .030", .040"	Material: Aluminum Casting Number: 104L34  Reentrant bowl type head Recess Depth: 0.673" Recess Diameter: 2.260" Powerstroke Direct Injection Turbo Diesel. Ni Resist Ring Carrier. Keystone top ring. Turbocharged Intercooled.	8	3.00mm 2.00mm 3.50mm	1.307"	2.142"
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**Piston Ring Sets:** Premium: **14420N**

# FORD TRUCK

# MAHLE



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SPECS



QTY RINGS

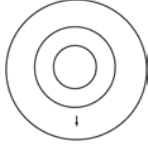


PIN DIA



COMP HGT

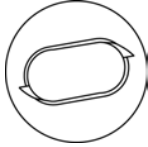
**49 (cont.) 445 CID (7.3L) V8 4.11" (104.4mm) International Power-Stroke DIESEL 49 (cont.)**

1998-1994	F	<b>224-3409</b>		Material: Aluminum Casting Number: 104L34	8	3.00mm 2.00mm 3.50mm	1.3085"	2.132"
				Reentrant bowl type head Recess Depth: 0.673" Recess Diameter: 2.260" Powerstroke Direct Injection Turbo Diesel. Ni Resist Ring Carrier. Same as 2243163 except Reduced Compression distance by .010" to allow for deck milling. Keystone top ring.				
STD, .020", .030", .040"								Pin Hole Location: Center

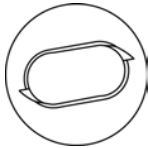
**Notes:** Piston Destroyed .010"

**Piston Ring Sets:** Premium: **14420N**

**50 460 CID (7.5L) V8 4.36" (110.7mm) 50**

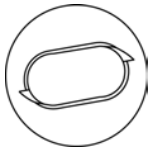
1987-1980	L	<b>224-1856</b>		Material: Aluminum	8	5/64" 5/64" 3/16"	1.0402"	1.760"
1987	G			Oblong Shaped Recess w/2 Valve Reliefs In Head Recess Depth: 0.230" non-EFI. 20cc Head.				
1979-1974	A							Pin Hole Location: Offset
1979-1973	J							
STD, .020", .030", .040", .060"								

**Piston Ring Sets:** Cast Iron: **50843CP**  
Premium: **40843CP**

1997-1993	G	<b>224-2891</b>		Material: Hypereutectic	8	2.00mm 2.00mm 4.00mm	1.0402"	1.770"
				Oval Recess Head w/2 Valve Reliefs Recess Depth: 0.180" Coated Skirts				
STD, .020", .030", .040", .060"								Pin Hole Location: Offset

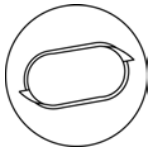
**Notes:** with Shallow Oil Groove  
For : From 11/17/92

**Piston Ring Sets:** Premium: **41751**

1993-1988	G	<b>224-3180</b>		Material: Aluminum	8	5/64" 5/64" 3/16"	1.0402"	1.760"
				OBLONG HEAD RECESS W/2 VALVE RELIEFS Recess Depth: 0.072"				
STD, .020", .030", .040", .060"								Pin Hole Location: Offset

**Notes:** For : Thru 11/17/92

**Piston Ring Sets:** Cast Iron: **50843CP**  
Premium: **40843CP**

1987-1980	L	<b>224-3569</b>		Material: Hypereutectic	8	5/64" 5/64" 3/16"	1.0402"	1.760"
1979-1973	J			Oblong Recess Head w/ 2 valve reliefs Recess Depth: 0.230" Coated Skirts, Non EFI Car and Trk				
1979-1974	A							Pin Hole Location: Offset
STD, .020", .030", .040", .060"								

**Piston Ring Sets:** Cast Iron: **50843CP**  
Premium: **40843CP**

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RINGS



PIN DIA



COMP HGT

51		473 CID (7.8L) L6 4.40" (111.8mm) Brazilian DIESEL				51		
1993-1991	A	<b>224-3442</b>	 <p>STD, .020", .030"</p>	Material: Aluminum Casting Number: 110L99  Flat with combustion chamber Recess Depth: 0.881" Recess Diameter: 2.303" Except 270 HP Engines. Tapered Rods. Hard Anodized Crown	6	3.16mm 2.50mm 4.80mm	1.75"	2.937"

**Piston Ring Sets:** Premium: **01494N**

## GENERAL MOTORS CORP.

ENGINE	YEAR	BLOCK
61 CID (1.0L) SOHC L3 Suzuki	1997-1985	1
79 CID (1.3L) SOHC L4 Suzuki	1997-1995	2
98 CID (1.6L) SOHC L4 Chevrolet	1987-1979	3
112 CID (1.8L) L4 Chevrolet	1982	4
122 CID (2.0L) L4 Chevrolet	1989-1983	5
122 CID (2.0L) SOHC L4 Opel	1994-1987	6
134 CID (2.2L) L4 Chevrolet	1991-1990	7
134 CID (2.2L) DOHC L4 Ecotec	2004-2003	8
134 CID (2.2L) DOHC L4 Ecotec L61	2004-2002	9
134 CID (2.2L) L4 Vortec	2002-1992	10
134 CID (2.2L) L4 Vortec LN2	1993	11
138 CID (2.3L) DOHC L4 Quad 4	1994-1988	12
146 CID (2.4L) DOHC L4 Chevrolet	1998-1996	13
151 CID (2.5L) L4 Pontiac	1992-1979	14
173 CID (2.8L) V6 Chevrolet	1989-1980	15
189 CID (3.1L) V6 Chevrolet	2005-1988	16
204 CID (3.3L) V6 Buick	1993-1989	17
207 CID (3.4L) V6 Chevrolet	2005-1999, 1995-1993	18
207 CID (3.4L) DOHC V6 Chevrolet	1995-1991	19
214 CID (3.5L) DOHC V6 Oldsmobile	2002-1999	20
231 CID (3.8L) V6 Buick	2005-1993, 1991-1977	21
235 CID (3.9L) L6 Chevrolet	1962-1954	22
244 CID (4.0L) DOHC V8 Oldsmobile	1999-1996	23
250 CID (4.1L) L6 Chevrolet	1979-1966	24
262 CID (4.3L) V6 Chevrolet	1993-1992, 1990-1985	25
281 CID (4.6L) DOHC V8 Northstar	1995-1993	26
283 CID (4.6L) V8 Chevrolet	1967-1957	27
301 CID (4.9L) V8 Pontiac	1981-1977	28
305 CID (5.0L) V8 Chevrolet	1993-1976	29
307 CID (5.0L) V8 Chevrolet	1973-1968	30
307 CID (5.0L) V8 Oldsmobile	1984-1980	31
327 CID (5.4L) V8 Chevrolet	1969-1962	32
346 CID (5.7L) V8 Chevrolet	2004-1997	33
350 CID (5.7L) V8 Buick	1980, 1974-1968	34
350 CID (5.7L) V8 Chevrolet	1997-1967	35

ENGINE	YEAR	BLOCK
350 CID (5.7L) V8 Oldsmobile	1980-1968	36
350 CID (5.7L) V8 Pontiac	1985, 1979-1968	37
396 CID (6.5L) V8 Chevrolet	1969-1965	38
400 CID (6.6L) V8 Chevrolet	1979-1970	39
400 CID (6.6L) V8 Pontiac	1979-1967	40
402 CID (6.6L) V8 Chevrolet	1972-1970	41
403 CID (6.6L) V8 Oldsmobile	1979-1977	42
427 CID (7.0L) V8 Chevrolet	1969-1966	43
430 CID (7.0L) V8 Buick	1969-1967	44
454 CID (7.4L) V8 Chevrolet	1976-1970	45
455 CID (7.5L) V8 Buick	1974-1970	46
455 CID (7.5L) V8 Oldsmobile	1976-1968	47
455 CID (7.5L) V8 Pontiac	1976-1970	48
472 CID (7.7L) V8 Cadillac	1974-1968	49
500 CID (8.2L) V8 Cadillac	1976-1974	50

MODEL	ENGINE	YEAR	BLOCK
442	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1970-1968	35
442	350 CID (5.7L) V8 4.06" (103.0mm) Oldsmobile	1970-1968	36
442	455 CID (7.5L) V8 4.13" (104.8mm) Oldsmobile	1971-1968	47
6000	151 CID (2.5L) L4 4.00" (101.6mm) Pontiac	1991-1982	14
6000	173 CID (2.8L) V6 3.50" (89.0mm) Chevrolet	1989-1982	15
6000	189 CID (3.1L) V6 3.50" (89.0mm) Chevrolet	1991-1988	16
88	231 CID (3.8L) V6 3.80" (96.5mm) Buick	1999-1993	21
98	231 CID (3.8L) V6 3.80" (96.5mm) Buick	1996-1993, 1990-1985	21
98	307 CID (5.0L) V8 3.80" (96.5mm) Oldsmobile	1984-1980	31
98	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1984-1977, 1973-1972	35
98	350 CID (5.7L) V8 4.06" (103.0mm) Oldsmobile	1980-1977	36
98	400 CID (6.6L) V8 4.13" (104.8mm) Chevrolet	1975	39
98	400 CID (6.6L) V8 4.12" (104.6mm) Pontiac	1975	40
98	403 CID (6.6L) V8 4.35" (110.5mm) Oldsmobile	1979-1977	42
98	455 CID (7.5L) V8 4.13" (104.8mm) Oldsmobile	1976-1968	47
Acadian	98 CID (1.6L) SOHC L4 3.23" (82mm) Chevrolet	1987-1979	3
Acadian	250 CID (4.1L) L6 3.88" (98.4mm) Chevrolet	1971-1968	24
Acadian	307 CID (5.0L) V8 3.88" (98.6mm) Chevrolet	1971-1968	30
Acadian	327 CID (5.4L) V8 4.00" (101.6mm) Chevrolet	1968	32
Acadian	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1971-1968	35
Acadian	350 CID (5.7L) V8 3.88" (98.4mm) Pontiac	1971-1968	37
Achieva	138 CID (2.3L) DOHC L4 3.62" (92.0mm) Quad 4	1994-1992	12
Achieva	146 CID (2.4L) DOHC L4 3.54" (90.0mm) Chevrolet	1998-1996	13
Achieva	189 CID (3.1L) V6 3.50" (89.0mm) Chevrolet	1998-1994	16
Achieva	204 CID (3.3L) V6 3.70" (92.0mm) Buick	1993-1992	17
Alero	134 CID (2.2L) DOHC L4 3.39" (86.0mm) Ecotec L61	2004-2002	9
Alero	207 CID (3.4L) V6 3.62" (92.0mm) Chevrolet	2004-1999	18
Allante	281 CID (4.6L) DOHC V8 3.66" (93.0mm) Northstar	1993	26
Apollo	250 CID (4.1L) L6 3.88" (98.4mm) Chevrolet	1975-1973	24
Apollo	350 CID (5.7L) V8 3.80" (96.5mm) Buick	1974-1973	34
Apollo	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1975-1973	35
Aurora	214 CID (3.5L) DOHC V6 3.52" (89.5mm) Oldsmobile	2002-2001	20
Aurora	244 CID (4.0L) DOHC V8 3.43" (87.0mm) Oldsmobile	1999-1996	23
Bel Air	235 CID (3.9L) L6 3.56" (90.4mm) Chevrolet	1962-1961, 1959-1954	22
Bel Air	250 CID (4.1L) L6 3.88" (98.4mm) Chevrolet	1973-1966	24

MODEL	ENGINE	YEAR	BLOCK
Bel Air	283 CID (4.6L) V8 3.88" (98.6mm) Chevrolet	1967-1957	27
Bel Air	305 CID (5.0L) V8 3.74" (94.9mm) Chevrolet	1981	29
Bel Air	307 CID (5.0L) V8 3.88" (98.6mm) Chevrolet	1968	30
Bel Air	327 CID (5.4L) V8 4.00" (101.6mm) Chevrolet	1969-1962	32
Bel Air	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1975-1969	35
Bel Air	396 CID (6.5L) V8 4.09" (103.9mm) Chevrolet	1969-1965	38
Bel Air	400 CID (6.6L) V8 4.13" (104.8mm) Chevrolet	1975-1970	39
Bel Air	402 CID (6.6L) V8 4.13" (104.8mm) Chevrolet	1972-1971	41
Bel Air	427 CID (7.0L) V8 4.25" (108.0mm) Chevrolet	1969-1966	43
Bel Air	454 CID (7.4L) V8 4.25" (108.0mm) Chevrolet	1975-1970	45
Beretta	122 CID (2.0L) L4 3.39" (86.0mm) Chevrolet	1989-1987	5
Beretta	134 CID (2.2L) L4 3.50" (89.0mm) Chevrolet	1991-1990	7
Beretta	134 CID (2.2L) L4 3.50" (89.0mm) Vortec	1996-1992	10
Beretta	138 CID (2.3L) DOHC L4 3.62" (92.0mm) Quad 4	1994-1990	12
Beretta	173 CID (2.8L) V6 3.50" (89.0mm) Chevrolet	1989-1987	15
Beretta	189 CID (3.1L) V6 3.50" (89.0mm) Chevrolet	1996-1990	16
Biscayne	235 CID (3.9L) L6 3.56" (90.4mm) Chevrolet	1962-1961, 1959-1958	22
Biscayne	250 CID (4.1L) L6 3.88" (98.4mm) Chevrolet	1972-1966	24
Biscayne	283 CID (4.6L) V8 3.88" (98.6mm) Chevrolet	1967-1958	27
Biscayne	307 CID (5.0L) V8 3.88" (98.6mm) Chevrolet	1968	30
Biscayne	327 CID (5.4L) V8 4.00" (101.6mm) Chevrolet	1969-1962	32
Biscayne	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1972-1969	35
Biscayne	396 CID (6.5L) V8 4.09" (103.9mm) Chevrolet	1969-1965	38
Biscayne	400 CID (6.6L) V8 4.13" (104.8mm) Chevrolet	1972-1970	39
Biscayne	402 CID (6.6L) V8 4.13" (104.8mm) Chevrolet	1972-1971	41
Biscayne	427 CID (7.0L) V8 4.25" (108.0mm) Chevrolet	1969-1966	43
Biscayne	454 CID (7.4L) V8 4.25" (108.0mm) Chevrolet	1972-1970	45
Bonneville	231 CID (3.8L) V6 3.80" (96.5mm) Buick	2003-1993, 1991-1980	21
Bonneville	262 CID (4.3L) V6 4.00" (101.6mm) Chevrolet	1986	25
Bonneville	301 CID (4.9L) V8 4.00" (101.6mm) Pontiac	1980-1977	28
Bonneville	305 CID (5.0L) V8 3.74" (94.9mm) Chevrolet	1986-1983	29
Bonneville	307 CID (5.0L) V8 3.80" (96.5mm) Oldsmobile	1981	31
Bonneville	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1984-1977, 1970	35
Bonneville	350 CID (5.7L) V8 4.06" (103.0mm) Oldsmobile	1980-1977	36
Bonneville	350 CID (5.7L) V8 3.88" (98.4mm) Pontiac	1970	37
Bonneville	400 CID (6.6L) V8 4.13" (104.8mm) Chevrolet	1978-1972, 1970	39
Bonneville	400 CID (6.6L) V8 4.12" (104.6mm) Pontiac	1978-1967	40
Bonneville	403 CID (6.6L) V8 4.35" (110.5mm) Oldsmobile	1979-1977	42
Bonneville	455 CID (7.5L) V8 4.15" (105.4mm) Pontiac	1976-1970	48
Brookwood	250 CID (4.1L) L6 3.88" (98.4mm) Chevrolet	1969	24
Brookwood	283 CID (4.6L) V8 3.88" (98.6mm) Chevrolet	1961-1958	27
Brookwood	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1972-1969	35
Brookwood	400 CID (6.6L) V8 4.13" (104.8mm) Chevrolet	1972, 1970	39
Brookwood	402 CID (6.6L) V8 4.13" (104.8mm) Chevrolet	1972	41
Brougham	305 CID (5.0L) V8 3.74" (94.9mm) Chevrolet	1992-1991	29
Brougham	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1992-1990	35
Calais	151 CID (2.5L) L4 4.00" (101.6mm) Pontiac	1987-1985	14
Calais	472 CID (7.7L) V8 4.30" (109.2mm) Cadillac	1974-1968	49
Calais	500 CID (8.2L) V8 4.30" (109.2mm) Cadillac	1976-1975	50
Camaro	151 CID (2.5L) L4 4.00" (101.6mm) Pontiac	1986-1982	14
Camaro	173 CID (2.8L) V6 3.50" (89.0mm) Chevrolet	1989-1982	15
Camaro	189 CID (3.1L) V6 3.50" (89.0mm) Chevrolet	1992-1990	16
Camaro	207 CID (3.4L) V6 3.62" (92.0mm) Chevrolet	1995-1993	18
Camaro	231 CID (3.8L) V6 3.80" (96.5mm) Buick	2002-1995, 1981-1980	21
Camaro	250 CID (4.1L) L6 3.88" (98.4mm) Chevrolet	1979-1967	24

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MODEL	ENGINE	YEAR	BLOCK
Camaro	305 CID (5.0L) V8 3.74" (94.9mm) Chevrolet	1992-1976	29
Camaro	307 CID (5.0L) V8 3.88" (98.6mm) Chevrolet	1973-1969	30
Camaro	327 CID (5.4L) V8 4.00" (101.6mm) Chevrolet	1969-1967	32
Camaro	346 CID (5.7L) V8 3.90" (99.0mm) Chevrolet	2002-1998	33
Camaro	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1997-1987, 1981-1967	35
Camaro	396 CID (6.5L) V8 4.09" (103.9mm) Chevrolet	1969-1967	38
Camaro	402 CID (6.6L) V8 4.13" (104.8mm) Chevrolet	1972-1970	41
Camaro	427 CID (7.0L) V8 4.25" (108.0mm) Chevrolet	1969	43
Caprice	231 CID (3.8L) V6 3.80" (96.5mm) Buick	1985-1980	21
Caprice	250 CID (4.1L) L6 3.88" (98.4mm) Chevrolet	1979-1977, 1969-1967	24
Caprice	262 CID (4.3L) V6 4.00" (101.6mm) Chevrolet	1993-1992, 1990-1985	25
Caprice	283 CID (4.6L) V8 3.88" (98.6mm) Chevrolet	1967-1966	27
Caprice	305 CID (5.0L) V8 3.74" (94.9mm) Chevrolet	1993-1977	29
Caprice	307 CID (5.0L) V8 3.88" (98.6mm) Chevrolet	1968	30
Caprice	327 CID (5.4L) V8 4.00" (101.6mm) Chevrolet	1969-1966	32
Caprice	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1996-1969	35
Caprice	396 CID (6.5L) V8 4.09" (103.9mm) Chevrolet	1969-1966	38
Caprice	400 CID (6.6L) V8 4.13" (104.8mm) Chevrolet	1976-1970	39
Caprice	402 CID (6.6L) V8 4.13" (104.8mm) Chevrolet	1972-1971	41
Caprice	427 CID (7.0L) V8 4.25" (108.0mm) Chevrolet	1969-1966	43
Caprice	454 CID (7.4L) V8 4.25" (108.0mm) Chevrolet	1976-1970	45
Catalina	231 CID (3.8L) V6 3.80" (96.5mm) Buick	1981-1977	21
Catalina	250 CID (4.1L) L6 3.88" (98.4mm) Chevrolet	1979-1977	24
Catalina	301 CID (4.9L) V8 4.00" (101.6mm) Pontiac	1980-1977	28
Catalina	305 CID (5.0L) V8 3.74" (94.9mm) Chevrolet	1981-1980	29
Catalina	307 CID (5.0L) V8 3.80" (96.5mm) Oldsmobile	1981	31
Catalina	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1981-1976, 1973-1970	35
Catalina	350 CID (5.7L) V8 4.06" (103.0mm) Oldsmobile	1980-1977, 1973-1972	36
Catalina	350 CID (5.7L) V8 3.88" (98.4mm) Pontiac	1976, 1973-1970	37
Catalina	400 CID (6.6L) V8 4.13" (104.8mm) Chevrolet	1978-1972, 1970	39
Catalina	400 CID (6.6L) V8 4.12" (104.6mm) Pontiac	1978-1967	40
Catalina	403 CID (6.6L) V8 4.35" (110.5mm) Oldsmobile	1979-1977	42
Catalina	455 CID (7.5L) V8 4.15" (105.4mm) Pontiac	1976-1970	48
Cavalier	112 CID (1.8L) L4 3.29" (83.0mm) Chevrolet	1982	4
Cavalier	122 CID (2.0L) L4 3.39" (86.0mm) Chevrolet	1989-1983	5
Cavalier	134 CID (2.2L) L4 3.50" (89.0mm) Chevrolet	1991-1990	7
Cavalier	134 CID (2.2L) DOHC L4 3.39" (86.0mm) Ecotec	2004-2003	8
Cavalier	134 CID (2.2L) DOHC L4 3.39" (86.0mm) Ecotec L61	2004-2002	9
Cavalier	134 CID (2.2L) L4 3.50" (89.0mm) Vortec	2002-1992	10
Cavalier	146 CID (2.4L) DOHC L4 3.54" (90.0mm) Chevrolet	1998-1996	13
Cavalier	173 CID (2.8L) V6 3.50" (89.0mm) Chevrolet	1989-1985	15
Cavalier	189 CID (3.1L) V6 3.50" (89.0mm) Chevrolet	1994-1990	16
Celebrity	151 CID (2.5L) L4 4.00" (101.6mm) Pontiac	1990-1982	14
Celebrity	173 CID (2.8L) V6 3.50" (89.0mm) Chevrolet	1989-1982	15
Celebrity	189 CID (3.1L) V6 3.50" (89.0mm) Chevrolet	1990	16
Centurion	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1973-1972	35
Centurion	455 CID (7.5L) V8 4.31" (109.6mm) Buick	1973-1972	46
Century	134 CID (2.2L) L4 3.50" (89.0mm) Vortec	1996-1993	10
Century	151 CID (2.5L) L4 4.00" (101.6mm) Pontiac	1992-1982	14
Century	173 CID (2.8L) V6 3.50" (89.0mm) Chevrolet	1989-1982	15
Century	189 CID (3.1L) V6 3.50" (89.0mm) Chevrolet	2005-1994	16
Century	204 CID (3.3L) V6 3.70" (92.0mm) Buick	1993-1989	17
Century	231 CID (3.8L) V6 3.80" (96.5mm) Buick	1988-1984, 1981-1978	21
Century	301 CID (4.9L) V8 4.00" (101.6mm) Pontiac	1980-1979	28
Century	305 CID (5.0L) V8 3.74" (94.9mm) Chevrolet	1981-1977	29

MODEL	ENGINE	YEAR	BLOCK
Century	350 CID (5.7L) V8 3.80" (96.5mm) Buick	1974-1973	34
Century	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1981, 1979-1973	35
Century	350 CID (5.7L) V8 4.06" (103.0mm) Oldsmobile	1977	36
Century	403 CID (6.6L) V8 4.35" (110.5mm) Oldsmobile	1977	42
Century	455 CID (7.5L) V8 4.31" (109.6mm) Buick	1974-1973	46
Chevelle	250 CID (4.1L) L6 3.88" (98.4mm) Chevrolet	1973-1967	24
Chevelle	283 CID (4.6L) V8 3.88" (98.6mm) Chevrolet	1967-1964	27
Chevelle	307 CID (5.0L) V8 3.88" (98.6mm) Chevrolet	1973-1968	30
Chevelle	327 CID (5.4L) V8 4.00" (101.6mm) Chevrolet	1968-1964	32
Chevelle	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1973-1969	35
Chevelle	396 CID (6.5L) V8 4.09" (103.9mm) Chevrolet	1969-1965	38
Chevelle	400 CID (6.6L) V8 4.13" (104.8mm) Chevrolet	1971-1970	39
Chevelle	402 CID (6.6L) V8 4.13" (104.8mm) Chevrolet	1972, 1970	41
Chevelle	454 CID (7.4L) V8 4.25" (108.0mm) Chevrolet	1973-1970	45
Chevy II	250 CID (4.1L) L6 3.88" (98.4mm) Chevrolet	1968-1967	24
Chevy II	283 CID (4.6L) V8 3.88" (98.6mm) Chevrolet	1967-1962	27
Chevy II	307 CID (5.0L) V8 3.88" (98.6mm) Chevrolet	1968	30
Chevy II	327 CID (5.4L) V8 4.00" (101.6mm) Chevrolet	1968-1965	32
Chevy II	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1968	35
Chevy II	396 CID (6.5L) V8 4.09" (103.9mm) Chevrolet	1968	38
Cimarron	112 CID (1.8L) L4 3.29" (83.0mm) Chevrolet	1982	4
Cimarron	122 CID (2.0L) L4 3.39" (86.0mm) Chevrolet	1986-1983	5
Cimarron	173 CID (2.8L) V6 3.50" (89.0mm) Chevrolet	1988-1985	15
Citation	151 CID (2.5L) L4 4.00" (101.6mm) Pontiac	1983-1980	14
Citation	173 CID (2.8L) V6 3.50" (89.0mm) Chevrolet	1983-1980	15
Citation II	151 CID (2.5L) L4 4.00" (101.6mm) Pontiac	1985-1984	14
Citation II	173 CID (2.8L) V6 3.50" (89.0mm) Chevrolet	1985-1984	15
Classic	134 CID (2.2L) DOHC L4 3.39" (86.0mm) Ecotec L61	2004	9
Commercial Chassis	262 CID (4.3L) V6 4.00" (101.6mm) Chevrolet	1992	25
Commercial Chassis	305 CID (5.0L) V8 3.74" (94.9mm) Chevrolet	1992-1991	29
Commercial Chassis	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1996-1991	35
Commercial Chassis	500 CID (8.2L) V8 4.30" (109.2mm) Cadillac	1976-1975	50
Corsica	122 CID (2.0L) L4 3.39" (86.0mm) Chevrolet	1989-1987	5
Corsica	134 CID (2.2L) L4 3.50" (89.0mm) Chevrolet	1991-1990	7
Corsica	134 CID (2.2L) L4 3.50" (89.0mm) Vortec	1996-1992	10
Corsica	173 CID (2.8L) V6 3.50" (89.0mm) Chevrolet	1989-1987	15
Corsica	189 CID (3.1L) V6 3.50" (89.0mm) Chevrolet	1996-1990	16
Corvette	235 CID (3.9L) L6 3.56" (90.4mm) Chevrolet	1955-1954	22
Corvette	283 CID (4.6L) V8 3.88" (98.6mm) Chevrolet	1961-1957	27
Corvette	305 CID (5.0L) V8 3.74" (94.9mm) Chevrolet	1980	29
Corvette	327 CID (5.4L) V8 4.00" (101.6mm) Chevrolet	1968-1962	32
Corvette	346 CID (5.7L) V8 3.90" (99.0mm) Chevrolet	2004-1997	33
Corvette	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1996-1984, 1982-1969	35
Corvette	396 CID (6.5L) V8 4.09" (103.9mm) Chevrolet	1965	38
Corvette	454 CID (7.4L) V8 4.25" (108.0mm) Chevrolet	1974-1970	45
Custom Cruiser	305 CID (5.0L) V8 3.74" (94.9mm) Chevrolet	1992-1991	29
Custom Cruiser	307 CID (5.0L) V8 3.80" (96.5mm) Oldsmobile	1984-1980	31
Custom Cruiser	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1992, 1985-1977 1973	35
Custom Cruiser	350 CID (5.7L) V8 4.06" (103.0mm) Oldsmobile	1980-1977	36
Custom Cruiser	400 CID (6.6L) V8 4.13" (104.8mm) Chevrolet	1975	39
Custom Cruiser	400 CID (6.6L) V8 4.12" (104.6mm) Pontiac	1975	40
Custom Cruiser	403 CID (6.6L) V8 4.35" (110.5mm) Oldsmobile	1978-1977	42
Custom Cruiser	455 CID (7.5L) V8 4.13" (104.8mm) Oldsmobile	1976-1971	47
Cutlass	189 CID (3.1L) V6 3.50" (89.0mm) Chevrolet	1999-1997	16

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MODEL	ENGINE	YEAR	BLOCK
Cutlass	231 CID (3.8L) V6 3.80" (96.5mm) Buick	1981-1978	21
Cutlass	250 CID (4.1L) L6 3.88" (98.4mm) Chevrolet	1976-1975, 1971-1967	24
Cutlass	305 CID (5.0L) V8 3.74" (94.9mm) Chevrolet	1987-1985, 1980-1978	29
Cutlass	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1981-1968	35
Cutlass	350 CID (5.7L) V8 4.06" (103.0mm) Oldsmobile	1980-1979, 1977-1968	36
Cutlass	403 CID (6.6L) V8 4.35" (110.5mm) Oldsmobile	1977	42
Cutlass	455 CID (7.5L) V8 4.13" (104.8mm) Oldsmobile	1976-1970	47
Cutlass Calais	138 CID (2.3L) DOHC L4 3.62" (92.0mm) Quad 4	1991-1988	12
Cutlass Calais	151 CID (2.5L) L4 4.00" (101.6mm) Pontiac	1991-1988	14
Cutlass Calais	204 CID (3.3L) V6 3.70" (92.0mm) Buick	1991-1989	17
Cutlass Calais	231 CID (3.8L) V6 3.80" (96.5mm) Buick	1985-1978	21
Cutlass Calais	305 CID (5.0L) V8 3.74" (94.9mm) Chevrolet	1984, 1980-1978	29
Cutlass Calais	307 CID (5.0L) V8 3.80" (96.5mm) Oldsmobile	1984-1982	31
Cutlass Calais	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1985-1979	35
Cutlass Calais	350 CID (5.7L) V8 4.06" (103.0mm) Oldsmobile	1980-1979	36
Cutlass Ciera	134 CID (2.2L) L4 3.50" (89.0mm) Vortec	1996-1993	10
Cutlass Ciera	151 CID (2.5L) L4 4.00" (101.6mm) Pontiac	1992-1982	14
Cutlass Ciera	173 CID (2.8L) V6 3.50" (89.0mm) Chevrolet	1989-1982	15
Cutlass Ciera	189 CID (3.1L) V6 3.50" (89.0mm) Chevrolet	1996-1994	16
Cutlass Ciera	204 CID (3.3L) V6 3.70" (92.0mm) Buick	1993-1989	17
Cutlass Ciera	231 CID (3.8L) V6 3.80" (96.5mm) Buick	1988-1984	21
Cutlass Cruiser	151 CID (2.5L) L4 4.00" (101.6mm) Pontiac	1990-1987	14
Cutlass Cruiser	173 CID (2.8L) V6 3.50" (89.0mm) Chevrolet	1989-1987	15
Cutlass Cruiser	189 CID (3.1L) V6 3.50" (89.0mm) Chevrolet	1994	16
Cutlass Cruiser	204 CID (3.3L) V6 3.70" (92.0mm) Buick	1993-1989	17
Cutlass Cruiser	231 CID (3.8L) V6 3.80" (96.5mm) Buick	1988-1987, 1983-1980	21
Cutlass Cruiser	305 CID (5.0L) V8 3.74" (94.9mm) Chevrolet	1983-1982, 1980	29
Cutlass Cruiser	307 CID (5.0L) V8 3.80" (96.5mm) Oldsmobile	1983-1981	31
Cutlass Cruiser	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1983-1980	35
Cutlass Cruiser	350 CID (5.7L) V8 4.06" (103.0mm) Oldsmobile	1980	36
Cutlass Salon	231 CID (3.8L) V6 3.80" (96.5mm) Buick	1987-1985, 1981-1978	21
Cutlass Salon	305 CID (5.0L) V8 3.74" (94.9mm) Chevrolet	1980-1978	29
Cutlass Salon	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1985, 1981-1979	35
Cutlass Salon	350 CID (5.7L) V8 4.06" (103.0mm) Oldsmobile	1979, 1977-1975	36
Cutlass Salon	403 CID (6.6L) V8 4.35" (110.5mm) Oldsmobile	1977	42
Cutlass Salon	455 CID (7.5L) V8 4.13" (104.8mm) Oldsmobile	1976-1975	47
Cutlass Supreme	138 CID (2.3L) DOHC L4 3.62" (92.0mm) Quad 4	1991-1990	12
Cutlass Supreme	173 CID (2.8L) V6 3.50" (89.0mm) Chevrolet	1989-1988	15
Cutlass Supreme	189 CID (3.1L) V6 3.50" (89.0mm) Chevrolet	1997-1989	16
Cutlass Supreme	207 CID (3.4L) DOHC V6 3.62" (92.0mm) Chevrolet	1995-1991	19
Cutlass Supreme	231 CID (3.8L) V6 3.80" (96.5mm) Buick	1987-1978	21
Cutlass Supreme	250 CID (4.1L) L6 3.88" (98.4mm) Chevrolet	1976-1975	24
Cutlass Supreme	305 CID (5.0L) V8 3.74" (94.9mm) Chevrolet	1987-1985, 1983	29
Cutlass Supreme	307 CID (5.0L) V8 3.80" (96.5mm) Oldsmobile	1984-1982	31
Cutlass Supreme	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1985-1968	35
Cutlass Supreme	350 CID (5.7L) V8 4.06" (103.0mm) Oldsmobile	1980-1979, 1977-1968	36
Cutlass Supreme	403 CID (6.6L) V8 4.35" (110.5mm) Oldsmobile	1977	42
Cutlass Supreme	455 CID (7.5L) V8 4.13" (104.8mm) Oldsmobile	1976-1971	47
Cutlass Tiara	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1976	35
Cutlass Tiara	350 CID (5.7L) V8 4.06" (103.0mm) Oldsmobile	1976	36
Cutlass Tiara	455 CID (7.5L) V8 4.13" (104.8mm) Oldsmobile	1976	47
Del Ray	235 CID (3.9L) L6 3.56" (90.4mm) Chevrolet	1958	22
Del Ray	283 CID (4.6L) V8 3.88" (98.6mm) Chevrolet	1958	27

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MODEL	ENGINE	YEAR	BLOCK
Delmont 88	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1968	35
Delmont 88	350 CID (5.7L) V8 4.06" (103.0mm) Oldsmobile	1968	36
Delmont 88	455 CID (7.5L) V8 4.13" (104.8mm) Oldsmobile	1968	47
Delta 88	231 CID (3.8L) V6 3.80" (96.5mm) Buick	1991-1977	21
Delta 88	301 CID (4.9L) V8 4.00" (101.6mm) Pontiac	1979	28
Delta 88	307 CID (5.0L) V8 3.80" (96.5mm) Oldsmobile	1984-1980	31
Delta 88	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1985-1968	35
Delta 88	350 CID (5.7L) V8 4.06" (103.0mm) Oldsmobile	1980-1969	36
Delta 88	400 CID (6.6L) V8 4.13" (104.8mm) Chevrolet	1975	39
Delta 88	400 CID (6.6L) V8 4.12" (104.6mm) Pontiac	1975	40
Delta 88	403 CID (6.6L) V8 4.35" (110.5mm) Oldsmobile	1978-1977	42
Delta 88	455 CID (7.5L) V8 4.13" (104.8mm) Oldsmobile	1976-1968	47
DeVille	281 CID (4.6L) DOHC V8 3.66" (93.0mm) Northstar	1995-1994	26
DeVille	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1984-1979	35
DeVille	472 CID (7.7L) V8 4.30" (109.2mm) Cadillac	1974-1968	49
DeVille	500 CID (8.2L) V8 4.30" (109.2mm) Cadillac	1976-1974	50
Eldorado	281 CID (4.6L) DOHC V8 3.66" (93.0mm) Northstar	1995-1993	26
Eldorado	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1985-1979	35
Eldorado	350 CID (5.7L) V8 4.06" (103.0mm) Oldsmobile	1980-1979	36
Eldorado	472 CID (7.7L) V8 4.30" (109.2mm) Cadillac	1969-1968	49
Eldorado	500 CID (8.2L) V8 4.30" (109.2mm) Cadillac	1976-1974	50
Electra	231 CID (3.8L) V6 3.80" (96.5mm) Buick	1990-1985	21
Electra	301 CID (4.9L) V8 4.00" (101.6mm) Pontiac	1980	28
Electra	307 CID (5.0L) V8 3.80" (96.5mm) Oldsmobile	1984-1981	31
Electra	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1985-1977	35
Electra	350 CID (5.7L) V8 4.06" (103.0mm) Oldsmobile	1980-1977	36
Electra	403 CID (6.6L) V8 4.35" (110.5mm) Oldsmobile	1979-1977	42
Electra	430 CID (7.0L) V8 4.19" (106.4mm) Buick	1969-1967	44
Electra	455 CID (7.5L) V8 4.31" (109.6mm) Buick	1974-1970	46
Estate Wagon	301 CID (4.9L) V8 4.00" (101.6mm) Pontiac	1980	28
Estate Wagon	307 CID (5.0L) V8 3.80" (96.5mm) Oldsmobile	1983-1981	31
Estate Wagon	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1983-1977, 1973-1972 1970	35
Estate Wagon	350 CID (5.7L) V8 4.06" (103.0mm) Oldsmobile	1980-1977	36
Estate Wagon	403 CID (6.6L) V8 4.35" (110.5mm) Oldsmobile	1979-1977	42
Estate Wagon	455 CID (7.5L) V8 4.31" (109.6mm) Buick	1974-1970	46
Executive	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1970	35
Executive	350 CID (5.7L) V8 3.88" (98.4mm) Pontiac	1970	37
Executive	400 CID (6.6L) V8 4.12" (104.6mm) Pontiac	1970-1967	40
Executive	455 CID (7.5L) V8 4.15" (105.4mm) Pontiac	1970	48
F85	250 CID (4.1L) L6 3.88" (98.4mm) Chevrolet	1971-1966	24
F85	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1972-1968	35
F85	350 CID (5.7L) V8 4.06" (103.0mm) Oldsmobile	1972-1968	36
F85	455 CID (7.5L) V8 4.13" (104.8mm) Oldsmobile	1972, 1970	47
Fiero	151 CID (2.5L) L4 4.00" (101.6mm) Pontiac	1988-1984	14
Fiero	173 CID (2.8L) V6 3.50" (89.0mm) Chevrolet	1988-1985	15
Firebird	151 CID (2.5L) L4 4.00" (101.6mm) Pontiac	1986-1982	14
Firebird	173 CID (2.8L) V6 3.50" (89.0mm) Chevrolet	1989-1982	15
Firebird	189 CID (3.1L) V6 3.50" (89.0mm) Chevrolet	1992-1990	16
Firebird	207 CID (3.4L) V6 3.62" (92.0mm) Chevrolet	1995-1993	18
Firebird	231 CID (3.8L) V6 3.80" (96.5mm) Buick	2002-1995, 1981-1978	21
Firebird	250 CID (4.1L) L6 3.88" (98.4mm) Chevrolet	1976-1968	24
Firebird	301 CID (4.9L) V8 4.00" (101.6mm) Pontiac	1981-1979, 1977	28
Firebird	305 CID (5.0L) V8 3.74" (94.9mm) Chevrolet	1992-1977	29
Firebird	346 CID (5.7L) V8 3.90" (99.0mm) Chevrolet	2002-1998	33

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MODEL	ENGINE	YEAR	BLOCK
Firebird	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1997-1987, 1979-1968	35
Firebird	350 CID (5.7L) V8 4.06" (103.0mm) Oldsmobile	1977	36
Firebird	350 CID (5.7L) V8 3.88" (98.4mm) Pontiac	1976-1968	37
Firebird	400 CID (6.6L) V8 4.13" (104.8mm) Chevrolet	1979-1975	39
Firebird	400 CID (6.6L) V8 4.12" (104.6mm) Pontiac	1979-1967	40
Firebird	403 CID (6.6L) V8 4.35" (110.5mm) Oldsmobile	1979-1977	42
Firebird	455 CID (7.5L) V8 4.15" (105.4mm) Pontiac	1976-1971	48
Firenza	112 CID (1.8L) L4 3.29" (83.0mm) Chevrolet	1982	4
Firenza	122 CID (2.0L) L4 3.39" (86.0mm) Chevrolet	1986-1983	5
Firenza	122 CID (2.0L) SOHC L4 3.39" (86.0mm) Opel	1988-1987	6
Firenza	173 CID (2.8L) V6 3.50" (89.0mm) Chevrolet	1987-1985	15
Fleetwood	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1996-1993, 1985-1979	35
Fleetwood	472 CID (7.7L) V8 4.30" (109.2mm) Cadillac	1974-1968	49
Fleetwood	500 CID (8.2L) V8 4.30" (109.2mm) Cadillac	1976-1974	50
Grand Am	134 CID (2.2L) DOHC L4 3.39" (86.0mm) Ecotec L61	2004-2002	9
Grand Am	138 CID (2.3L) DOHC L4 3.62" (92.0mm) Quad 4	1994-1988	12
Grand Am	146 CID (2.4L) DOHC L4 3.54" (90.0mm) Chevrolet	1998-1996	13
Grand Am	151 CID (2.5L) L4 4.00" (101.6mm) Pontiac	1991-1985	14
Grand Am	189 CID (3.1L) V6 3.50" (89.0mm) Chevrolet	1998-1994	16
Grand Am	204 CID (3.3L) V6 3.70" (92.0mm) Buick	1993-1992	17
Grand Am	207 CID (3.4L) V6 3.62" (92.0mm) Chevrolet	2005-1999	18
Grand Am	231 CID (3.8L) V6 3.80" (96.5mm) Buick	1979	21
Grand Am	301 CID (4.9L) V8 4.00" (101.6mm) Pontiac	1980-1978	28
Grand Am	305 CID (5.0L) V8 3.74" (94.9mm) Chevrolet	1980-1978	29
Grand Am	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1975, 1973	35
Grand Am	350 CID (5.7L) V8 3.88" (98.4mm) Pontiac	1973	37
Grand Am	400 CID (6.6L) V8 4.13" (104.8mm) Chevrolet	1975-1973	39
Grand Am	400 CID (6.6L) V8 4.12" (104.6mm) Pontiac	1975-1973	40
Grand Am	455 CID (7.5L) V8 4.15" (105.4mm) Pontiac	1975-1973	48
Grand LeMans	231 CID (3.8L) V6 3.80" (96.5mm) Buick	1981-1978	21
Grand LeMans	250 CID (4.1L) L6 3.88" (98.4mm) Chevrolet	1977-1975	24
Grand LeMans	301 CID (4.9L) V8 4.00" (101.6mm) Pontiac	1981-1979, 1977	28
Grand LeMans	305 CID (5.0L) V8 3.74" (94.9mm) Chevrolet	1983-1976	29
Grand LeMans	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1983-1982, 1979-1975	35
Grand LeMans	350 CID (5.7L) V8 4.06" (103.0mm) Oldsmobile	1977-1976	36
Grand LeMans	350 CID (5.7L) V8 3.88" (98.4mm) Pontiac	1978-1975	37
Grand LeMans	400 CID (6.6L) V8 4.13" (104.8mm) Chevrolet	1977-1975	39
Grand LeMans	400 CID (6.6L) V8 4.12" (104.6mm) Pontiac	1977-1975	40
Grand LeMans	403 CID (6.6L) V8 4.35" (110.5mm) Oldsmobile	1977	42
Grand LeMans	455 CID (7.5L) V8 4.15" (105.4mm) Pontiac	1976-1975	48
Grand Prix	138 CID (2.3L) DOHC L4 3.62" (92.0mm) Quad 4	1991-1990	12
Grand Prix	173 CID (2.8L) V6 3.50" (89.0mm) Chevrolet	1989-1988	15
Grand Prix	189 CID (3.1L) V6 3.50" (89.0mm) Chevrolet	2003-1989	16
Grand Prix	207 CID (3.4L) DOHC V6 3.62" (92.0mm) Chevrolet	1995-1991	19
Grand Prix	231 CID (3.8L) V6 3.80" (96.5mm) Buick	2005-1997, 1987-1978	21
Grand Prix	262 CID (4.3L) V6 4.00" (101.6mm) Chevrolet	1987-1986	25
Grand Prix	301 CID (4.9L) V8 4.00" (101.6mm) Pontiac	1980-1977	28
Grand Prix	305 CID (5.0L) V8 3.74" (94.9mm) Chevrolet	1987-1983, 1980-1978	29
Grand Prix	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1984-1981, 1977-1976	35
Grand Prix	350 CID (5.7L) V8 4.06" (103.0mm) Oldsmobile	1977	36
Grand Prix	350 CID (5.7L) V8 3.88" (98.4mm) Pontiac	1976	37
Grand Prix	400 CID (6.6L) V8 4.13" (104.8mm) Chevrolet	1977-1972	39
Grand Prix	400 CID (6.6L) V8 4.12" (104.6mm) Pontiac	1977-1967	40
Grand Prix	403 CID (6.6L) V8 4.35" (110.5mm) Oldsmobile	1977	42
Grand Prix	455 CID (7.5L) V8 4.15" (105.4mm) Pontiac	1976-1970	48

MODEL	ENGINE	YEAR	BLOCK
Grand Safari	301 CID (4.9L) V8 4.00" (101.6mm) Pontiac	1977	28
Grand Safari	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1977	35
Grand Safari	350 CID (5.7L) V8 4.06" (103.0mm) Oldsmobile	1977	36
Grand Safari	400 CID (6.6L) V8 4.13" (104.8mm) Chevrolet	1978-1976, 1974-1973	39
Grand Safari	400 CID (6.6L) V8 4.12" (104.6mm) Pontiac	1978-1973, 1971	40
Grand Safari	403 CID (6.6L) V8 4.35" (110.5mm) Oldsmobile	1977	42
Grand Safari	455 CID (7.5L) V8 4.15" (105.4mm) Pontiac	1976-1971	48
Grandville	400 CID (6.6L) V8 4.13" (104.8mm) Chevrolet	1975	39
Grandville	400 CID (6.6L) V8 4.12" (104.6mm) Pontiac	1975, 1973 1971	40
Grandville	455 CID (7.5L) V8 4.15" (105.4mm) Pontiac	1975-1971	48
GS	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1972-1970	35
GS 350	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1969-1968	35
GS 455	455 CID (7.5L) V8 4.31" (109.6mm) Buick	1972-1970	46
GTO	346 CID (5.7L) V8 3.90" (99.0mm) Chevrolet	2004	33
GTO	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1970	35
GTO	350 CID (5.7L) V8 3.88" (98.4mm) Pontiac	1970	37
GTO	400 CID (6.6L) V8 4.12" (104.6mm) Pontiac	1973-1967	40
GTO	455 CID (7.5L) V8 4.15" (105.4mm) Pontiac	1973-1970	48
Impala	207 CID (3.4L) V6 3.62" (92.0mm) Chevrolet	2005-2000	18
Impala	231 CID (3.8L) V6 3.80" (96.5mm) Buick	2005-2000, 1985-1980	21
Impala	235 CID (3.9L) L6 3.56" (90.4mm) Chevrolet	1962-1959	22
Impala	250 CID (4.1L) L6 3.88" (98.4mm) Chevrolet	1979-1977, 1973-1966	24
Impala	262 CID (4.3L) V6 4.00" (101.6mm) Chevrolet	1985	25
Impala	283 CID (4.6L) V8 3.88" (98.6mm) Chevrolet	1967-1959	27
Impala	305 CID (5.0L) V8 3.74" (94.9mm) Chevrolet	1985-1977	29
Impala	307 CID (5.0L) V8 3.88" (98.6mm) Chevrolet	1968	30
Impala	327 CID (5.4L) V8 4.00" (101.6mm) Chevrolet	1969-1962	32
Impala	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1996-1994, 1985-1969	35
Impala	396 CID (6.5L) V8 4.09" (103.9mm) Chevrolet	1969-1965	38
Impala	400 CID (6.6L) V8 4.13" (104.8mm) Chevrolet	1976-1970	39
Impala	402 CID (6.6L) V8 4.13" (104.8mm) Chevrolet	1972-1971	41
Impala	427 CID (7.0L) V8 4.25" (108.0mm) Chevrolet	1969-1966	43
Impala	454 CID (7.4L) V8 4.25" (108.0mm) Chevrolet	1976-1970	45
Intrigue	214 CID (3.5L) DOHC V6 3.52" (89.5mm) Oldsmobile	2002-1999	20
Intrigue	231 CID (3.8L) V6 3.80" (96.5mm) Buick	1999-1998	21
J2000	112 CID (1.8L) L4 3.29" (83.0mm) Chevrolet	1982	4
J2000	122 CID (2.0L) L4 3.39" (86.0mm) Chevrolet	1986, 1983	5
J2000 Sunbird	122 CID (2.0L) L4 3.39" (86.0mm) Chevrolet	1985-1984	5
Kingswood	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1972-1969	35
Kingswood	400 CID (6.6L) V8 4.13" (104.8mm) Chevrolet	1972-1970	39
Kingswood	402 CID (6.6L) V8 4.13" (104.8mm) Chevrolet	1972-1971	41
Kingswood	454 CID (7.4L) V8 4.25" (108.0mm) Chevrolet	1972, 1970	45
Laguna	305 CID (5.0L) V8 3.74" (94.9mm) Chevrolet	1976	29
Laguna	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1976-1973	35
Laguna	400 CID (6.6L) V8 4.13" (104.8mm) Chevrolet	1976-1974	39
Laguna	454 CID (7.4L) V8 4.25" (108.0mm) Chevrolet	1975-1973	45
Laurentian	250 CID (4.1L) L6 3.88" (98.4mm) Chevrolet	1979-1977	24
Laurentian	305 CID (5.0L) V8 3.74" (94.9mm) Chevrolet	1981-1977	29
Laurentian	350 CID (5.7L) V8 3.80" (96.5mm) Buick	1980	34
Laurentian	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1981-1976	35
Laurentian	350 CID (5.7L) V8 3.88" (98.4mm) Pontiac	1979-1976	37
Laurentian	400 CID (6.6L) V8 4.12" (104.6mm) Pontiac	1976	40
Laurentian	455 CID (7.5L) V8 4.15" (105.4mm) Pontiac	1976	48
LeMans	122 CID (2.0L) SOHC L4 3.39" (86.0mm) Opel	1990-1989	6

MODEL	ENGINE	YEAR	BLOCK
LeMans	231 CID (3.8L) V6 3.80" (96.5mm) Buick	1981-1978	21
LeMans	250 CID (4.1L) L6 3.88" (98.4mm) Chevrolet	1977-1968	24
LeMans	301 CID (4.9L) V8 4.00" (101.6mm) Pontiac	1981-1979, 1977	28
LeMans	305 CID (5.0L) V8 3.74" (94.9mm) Chevrolet	1981-1976	29
LeMans	350 CID (5.7L) V8 3.80" (96.5mm) Buick	1974	34
LeMans	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1979-1968	35
LeMans	350 CID (5.7L) V8 4.06" (103.0mm) Oldsmobile	1977	36
LeMans	350 CID (5.7L) V8 3.88" (98.4mm) Pontiac	1977-1968	37
LeMans	400 CID (6.6L) V8 4.13" (104.8mm) Chevrolet	1977-1972	39
LeMans	400 CID (6.6L) V8 4.12" (104.6mm) Pontiac	1977-1968	40
LeMans	403 CID (6.6L) V8 4.35" (110.5mm) Oldsmobile	1977	42
LeMans	455 CID (7.5L) V8 4.15" (105.4mm) Pontiac	1976, 1974-1970	48
LeSabre	231 CID (3.8L) V6 3.80" (96.5mm) Buick	2003-1993, 1991-1977	21
LeSabre	250 CID (4.1L) L6 3.88" (98.4mm) Chevrolet	1970	24
LeSabre	301 CID (4.9L) V8 4.00" (101.6mm) Pontiac	1980-1977	28
LeSabre	305 CID (5.0L) V8 3.74" (94.9mm) Chevrolet	1978	29
LeSabre	307 CID (5.0L) V8 3.80" (96.5mm) Oldsmobile	1984-1981	31
LeSabre	350 CID (5.7L) V8 3.80" (96.5mm) Buick	1974-1971, 1969-1968	34
LeSabre	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1985-1968	35
LeSabre	350 CID (5.7L) V8 4.06" (103.0mm) Oldsmobile	1980-1977	36
LeSabre	400 CID (6.6L) V8 4.13" (104.8mm) Chevrolet	1975	39
LeSabre	400 CID (6.6L) V8 4.12" (104.6mm) Pontiac	1975	40
LeSabre	403 CID (6.6L) V8 4.35" (110.5mm) Oldsmobile	1978-1977	42
LeSabre	455 CID (7.5L) V8 4.31" (109.6mm) Buick	1974-1970	46
LSS	231 CID (3.8L) V6 3.80" (96.5mm) Buick	1999-1996	21
Lumina	134 CID (2.2L) L4 3.50" (89.0mm) Vortec LN2	1993	11
Lumina	151 CID (2.5L) L4 4.00" (101.6mm) Pontiac	1992-1990	14
Lumina	189 CID (3.1L) V6 3.50" (89.0mm) Chevrolet	2001-1990	16
Lumina	207 CID (3.4L) DOHC V6 3.62" (92.0mm) Chevrolet	1995-1991	19
Lumina	231 CID (3.8L) V6 3.80" (96.5mm) Buick	1999-1998	21
Malibu	134 CID (2.2L) DOHC L4 3.39" (86.0mm) Ecotec L61	2004	9
Malibu	146 CID (2.4L) DOHC L4 3.54" (90.0mm) Chevrolet	1998-1997	13
Malibu	189 CID (3.1L) V6 3.50" (89.0mm) Chevrolet	2003-1997	16
Malibu	231 CID (3.8L) V6 3.80" (96.5mm) Buick	1983-1978	21
Malibu	250 CID (4.1L) L6 3.88" (98.4mm) Chevrolet	1977-1973, 1967	24
Malibu	283 CID (4.6L) V8 3.88" (98.6mm) Chevrolet	1967-1964	27
Malibu	305 CID (5.0L) V8 3.74" (94.9mm) Chevrolet	1983-1976	29
Malibu	307 CID (5.0L) V8 3.88" (98.6mm) Chevrolet	1973	30
Malibu	327 CID (5.4L) V8 4.00" (101.6mm) Chevrolet	1967-1964	32
Malibu	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1983-1973	35
Malibu	396 CID (6.5L) V8 4.09" (103.9mm) Chevrolet	1967-1966	38
Malibu	400 CID (6.6L) V8 4.13" (104.8mm) Chevrolet	1976-1974	39
Malibu	454 CID (7.4L) V8 4.25" (108.0mm) Chevrolet	1975-1973	45
Metro	61 CID (1.0L) SOHC L3 2.91" (74.0mm) Suzuki	1997-1989	1
Metro	79 CID (1.3L) SOHC L4 2.91" (74.0mm) Suzuki	1997-1995	2
Monte Carlo	189 CID (3.1L) V6 3.50" (89.0mm) Chevrolet	1999-1995	16
Monte Carlo	207 CID (3.4L) DOHC V6 3.62" (92.0mm) Chevrolet	2005-2000	18
Monte Carlo	207 CID (3.4L) DOHC V6 3.62" (92.0mm) Chevrolet	1995	19
Monte Carlo	231 CID (3.8L) V6 3.80" (96.5mm) Buick	2005-1998, 1985-1978	21
Monte Carlo	262 CID (4.3L) V6 4.00" (101.6mm) Chevrolet	1988-1985	25
Monte Carlo	305 CID (5.0L) V8 3.74" (94.9mm) Chevrolet	1988-1976	29
Monte Carlo	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1984-1981, 1977-1970	35
Monte Carlo	400 CID (6.6L) V8 4.13" (104.8mm) Chevrolet	1976-1970	39
Monte Carlo	402 CID (6.6L) V8 4.13" (104.8mm) Chevrolet	1972-1970	41
Monte Carlo	454 CID (7.4L) V8 4.25" (108.0mm) Chevrolet	1975-1970	45

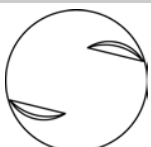

MODEL	ENGINE	YEAR	BLOCK
Monza	151 CID (2.5L) L4 4.00" (101.6mm) Pontiac	1980-1979	14
Monza	231 CID (3.8L) V6 3.80" (96.5mm) Buick	1980-1978	21
Monza	305 CID (5.0L) V8 3.74" (94.9mm) Chevrolet	1979-1976	29
Monza	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1975	35
Nova	250 CID (4.1L) L6 3.88" (98.4mm) Chevrolet	1979-1969, 1967	24
Nova	283 CID (4.6L) V8 3.88" (98.6mm) Chevrolet	1967-1962	27
Nova	305 CID (5.0L) V8 3.74" (94.9mm) Chevrolet	1979-1976	29
Nova	307 CID (5.0L) V8 3.88" (98.6mm) Chevrolet	1973-1969	30
Nova	327 CID (5.4L) V8 4.00" (101.6mm) Chevrolet	1967-1965	32
Nova	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1979-1969	35
Nova	396 CID (6.5L) V8 4.09" (103.9mm) Chevrolet	1969	38
Nova	402 CID (6.6L) V8 4.13" (104.8mm) Chevrolet	1970	41
Omega	151 CID (2.5L) L4 4.00" (101.6mm) Pontiac	1984-1980	14
Omega	173 CID (2.8L) V6 3.50" (89.0mm) Chevrolet	1984-1980	15
Omega	231 CID (3.8L) V6 3.80" (96.5mm) Buick	1979-1978	21
Omega	250 CID (4.1L) L6 3.88" (98.4mm) Chevrolet	1976-1973	24
Omega	305 CID (5.0L) V8 3.74" (94.9mm) Chevrolet	1979-1977	29
Omega	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1979-1973	35
Omega	350 CID (5.7L) V8 4.06" (103.0mm) Oldsmobile	1977	36
One-Fifty Series	235 CID (3.9L) L6 3.56" (90.4mm) Chevrolet	1957-1954	22
One-Fifty Series	283 CID (4.6L) V8 3.88" (98.6mm) Chevrolet	1957	27
Parisienne	231 CID (3.8L) V6 3.80" (96.5mm) Buick	1984	21
Parisienne	250 CID (4.1L) L6 3.88" (98.4mm) Chevrolet	1979-1977	24
Parisienne	262 CID (4.3L) V6 4.00" (101.6mm) Chevrolet	1986-1985	25
Parisienne	305 CID (5.0L) V8 3.74" (94.9mm) Chevrolet	1986-1977	29
Parisienne	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1985-1976	35
Parisienne	350 CID (5.7L) V8 3.88" (98.4mm) Pontiac	1985, 1979-1976	37
Parisienne	400 CID (6.6L) V8 4.12" (104.6mm) Pontiac	1976	40
Parisienne	455 CID (7.5L) V8 4.15" (105.4mm) Pontiac	1976	48
Park Avenue	231 CID (3.8L) V6 3.80" (96.5mm) Buick	2005-1993	21
Phoenix	151 CID (2.5L) L4 4.00" (101.6mm) Pontiac	1984-1980	14
Phoenix	173 CID (2.8L) V6 3.50" (89.0mm) Chevrolet	1984-1980	15
Phoenix	231 CID (3.8L) V6 3.80" (96.5mm) Buick	1979-1978	21
Phoenix	305 CID (5.0L) V8 3.74" (94.9mm) Chevrolet	1979-1977	29
Phoenix	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1979-1977	35
Phoenix	350 CID (5.7L) V8 4.06" (103.0mm) Oldsmobile	1977	36
Reatta	231 CID (3.8L) V6 3.80" (96.5mm) Buick	1990-1988	21
Regal	173 CID (2.8L) V6 3.50" (89.0mm) Chevrolet	1989-1988	15
Regal	189 CID (3.1L) V6 3.50" (89.0mm) Chevrolet	1996-1989	16
Regal	231 CID (3.8L) V6 3.80" (96.5mm) Buick	2004-1993, 1987-1978	21
Regal	301 CID (4.9L) V8 4.00" (101.6mm) Pontiac	1980-1979	28
Regal	305 CID (5.0L) V8 3.74" (94.9mm) Chevrolet	1987-1982, 1980-1977	29
Regal	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1985, 1983-1981 1977-1973	35
Regal	350 CID (5.7L) V8 4.06" (103.0mm) Oldsmobile	1977	36
Regency	231 CID (3.8L) V6 3.80" (96.5mm) Buick	1998-1997	21
Riviera	231 CID (3.8L) V6 3.80" (96.5mm) Buick	1999-1995, 1993 1990-1986	21
Riviera	307 CID (5.0L) V8 3.80" (96.5mm) Oldsmobile	1984-1980	31
Riviera	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1985-1977	35
Riviera	350 CID (5.7L) V8 4.06" (103.0mm) Oldsmobile	1980-1977	36
Riviera	403 CID (6.6L) V8 4.35" (110.5mm) Oldsmobile	1978-1977	42
Riviera	430 CID (7.0L) V8 4.19" (106.4mm) Buick	1969-1967	44
Riviera	455 CID (7.5L) V8 4.31" (109.6mm) Buick	1974-1970	46
Roadmaster	305 CID (5.0L) V8 3.74" (94.9mm) Chevrolet	1991	29

# GENERAL MOTORS CORP.

# MAHLE

MODEL	ENGINE	YEAR	BLOCK
Roadmaster	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1996-1992	35
Safari	250 CID (4.1L) L6 3.88" (98.4mm) Chevrolet	1970-1968	24
Safari	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1970-1968	35
Safari	350 CID (5.7L) V8 3.88" (98.4mm) Pontiac	1970-1968	37
Safari	400 CID (6.6L) V8 4.13" (104.8mm) Chevrolet	1976	39
Safari	400 CID (6.6L) V8 4.12" (104.6mm) Pontiac	1976, 1970 1968	40
Safari	455 CID (7.5L) V8 4.15" (105.4mm) Pontiac	1976	48
Seville	281 CID (4.6L) DOHC V8 3.66" (93.0mm) Northstar	1995-1993	26
Seville	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1985-1976	35
Seville	350 CID (5.7L) V8 4.06" (103.0mm) Oldsmobile	1980-1976	36
Skyhawk	112 CID (1.8L) L4 3.29" (83.0mm) Chevrolet	1982	4
Skyhawk	122 CID (2.0L) L4 3.39" (86.0mm) Chevrolet	1989-1983	5
Skyhawk	122 CID (2.0L) SOHC L4 3.39" (86.0mm) Opel	1988-1987	6
Skyhawk	231 CID (3.8L) V6 3.80" (96.5mm) Buick	1980-1978	21
Skylark	138 CID (2.3L) DOHC L4 3.62" (92.0mm) Quad 4	1991-1988	12
Skylark	146 CID (2.4L) DOHC L4 3.54" (90.0mm) Chevrolet	1998-1996	13
Skylark	151 CID (2.5L) L4 4.00" (101.6mm) Pontiac	1991-1980	14
Skylark	173 CID (2.8L) V6 3.50" (89.0mm) Chevrolet	1985-1980	15
Skylark	189 CID (3.1L) V6 3.50" (89.0mm) Chevrolet	1998-1994	16
Skylark	204 CID (3.3L) V6 3.70" (92.0mm) Buick	1993-1989	17
Skylark	231 CID (3.8L) V6 3.80" (96.5mm) Buick	1979-1978	21
Skylark	250 CID (4.1L) L6 3.88" (98.4mm) Chevrolet	1971-1968	24
Skylark	301 CID (4.9L) V8 4.00" (101.6mm) Pontiac	1977	28
Skylark	305 CID (5.0L) V8 3.74" (94.9mm) Chevrolet	1979-1977	29
Skylark	350 CID (5.7L) V8 3.80" (96.5mm) Buick	1972-1968	34
Skylark	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1979-1975, 1972-1968	35
Skylark	350 CID (5.7L) V8 4.06" (103.0mm) Oldsmobile	1977	36
Skylark	455 CID (7.5L) V8 4.31" (109.6mm) Buick	1972-1970	46
Somerset	151 CID (2.5L) L4 4.00" (101.6mm) Pontiac	1987-1986	14
Somerset Regal	151 CID (2.5L) L4 4.00" (101.6mm) Pontiac	1985	14
Special	250 CID (4.1L) L6 3.88" (98.4mm) Chevrolet	1969-1968	24
Special	350 CID (5.7L) V8 3.80" (96.5mm) Buick	1969-1968	34
Special	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1969-1968	35
Sportwagon	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1972-1968	35
Sportwagon	455 CID (7.5L) V8 4.31" (109.6mm) Buick	1970	46
Sprint	61 CID (1.0L) SOHC L3 2.91" (74.0mm) Suzuki	1991, 1988-1985	1
Starfire	151 CID (2.5L) L4 4.00" (101.6mm) Pontiac	1980-1979	14
Starfire	231 CID (3.8L) V6 3.80" (96.5mm) Buick	1980-1977	21
Starfire	305 CID (5.0L) V8 3.74" (94.9mm) Chevrolet	1979-1977	29
Sunbird	122 CID (2.0L) L4 3.39" (86.0mm) Chevrolet	1986	5
Sunbird	122 CID (2.0L) SOHC L4 3.39" (86.0mm) Opel	1994-1987	6
Sunbird	151 CID (2.5L) L4 4.00" (101.6mm) Pontiac	1980-1979	14
Sunbird	189 CID (3.1L) V6 3.50" (89.0mm) Chevrolet	1994-1991	16
Sunbird	231 CID (3.8L) V6 3.80" (96.5mm) Buick	1980-1977	21
Sunbird	305 CID (5.0L) V8 3.74" (94.9mm) Chevrolet	1979-1978	29
Sunfire	134 CID (2.2L) DOHC L4 3.39" (86.0mm) Ecotec L61	2004-2002	9
Sunfire	134 CID (2.2L) L4 3.50" (89.0mm) Vortec	2002-1995	10
Sunfire	146 CID (2.4L) DOHC L4 3.54" (90.0mm) Chevrolet	1998-1996	13
Tempest	134 CID (2.2L) L4 3.50" (89.0mm) Chevrolet	1991-1990	7
Tempest	173 CID (2.8L) V6 3.50" (89.0mm) Chevrolet	1989-1987	15
Tempest	189 CID (3.1L) V6 3.50" (89.0mm) Chevrolet	1991-1990	16
Tempest	250 CID (4.1L) L6 3.88" (98.4mm) Chevrolet	1970-1968	24
Tempest	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1970, 1968	35
Tempest	350 CID (5.7L) V8 3.88" (98.4mm) Pontiac	1970, 1968	37

MODEL	ENGINE	YEAR	BLOCK
Tempest	400 CID (6.6L) V8 4.12" (104.6mm) Pontiac	1970-1968	40
Toronado	231 CID (3.8L) V6 3.80" (96.5mm) Buick	1990-1986	21
Toronado	307 CID (5.0L) V8 3.80" (96.5mm) Oldsmobile	1984-1980	31
Toronado	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1985-1979, 1977	35
Toronado	350 CID (5.7L) V8 4.06" (103.0mm) Oldsmobile	1980-1979, 1977	36
Toronado	403 CID (6.6L) V8 4.35" (110.5mm) Oldsmobile	1978-1977	42
Toronado	455 CID (7.5L) V8 4.13" (104.8mm) Oldsmobile	1976, 1974-1968	47
Townsmen	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1972-1969	35
Townsmen	400 CID (6.6L) V8 4.13" (104.8mm) Chevrolet	1972-1970	39
Townsmen	402 CID (6.6L) V8 4.13" (104.8mm) Chevrolet	1972	41
Townsmen	454 CID (7.4L) V8 4.25" (108.0mm) Chevrolet	1972, 1970	45
Two-Ten Series	235 CID (3.9L) L6 3.56" (90.4mm) Chevrolet	1957-1954	22
Two-Ten Series	283 CID (4.6L) V8 3.88" (98.6mm) Chevrolet	1957	27
Ventura	250 CID (4.1L) L6 3.88" (98.4mm) Chevrolet	1976-1971	24
Ventura	301 CID (4.9L) V8 4.00" (101.6mm) Pontiac	1977	28
Ventura	305 CID (5.0L) V8 3.74" (94.9mm) Chevrolet	1977	29
Ventura	307 CID (5.0L) V8 3.88" (98.6mm) Chevrolet	1973-1971	30
Ventura	350 CID (5.7L) V8 3.80" (96.5mm) Buick	1974	34
Ventura	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1977-1972	35
Ventura	350 CID (5.7L) V8 4.06" (103.0mm) Oldsmobile	1977	36
Ventura	350 CID (5.7L) V8 3.88" (98.4mm) Pontiac	1975-1972	37
Vista Cruiser	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1975-1968	35
Vista Cruiser	350 CID (5.7L) V8 4.06" (103.0mm) Oldsmobile	1975-1968	36
Vista Cruiser	455 CID (7.5L) V8 4.13" (104.8mm) Oldsmobile	1975-1970	47
Wildcat	430 CID (7.0L) V8 4.19" (106.4mm) Buick	1969-1967	44
Wildcat	455 CID (7.5L) V8 4.31" (109.6mm) Buick	1970	46

YEAR	VIN	PART NUMBER	SPECS	QTY	RINGS	PIN DIA	COMP HGT
<b>1</b>		<b>61 CID (1.0L) SOHC L3 2.91" (74.0mm) Suzuki</b>					<b>1</b>
1988-1987	2	<b>224-2719</b>	 <p>Flat Head w/2 Valve Reliefs Recess Depth: 1.20mm</p>	4	1.20mm 1.50mm 2.80mm	0.6693"	1.114"
1988-1986	5						
1985	M						
			STD, .020", .030", .040", .060"				Pin Hole Location: Offset
<b>Piston Ring Sets: Premium: 41628, 41628</b>							
1997-1989	6	<b>224-2895</b>	 <p>Material: Aluminum Offset Recess Hea w/ 2 valve reliefs G10 Eng. 3 Ring piston Geo Metro, except LSI, FXI</p>	3	1.20mm 1.50mm 2.80mm	0.6695"	1.115"
1991	2						
			STD, .020", .030"				Pin Hole Location: Offset
<b>Notes:</b>	3 Ring Piston						<b>Piston Ring Sets: Premium: 41494</b>

# GENERAL MOTORS CORP.

# MAHLE



YEAR

VIN

PART NUMBER



SPECS

QTY



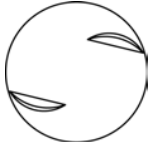
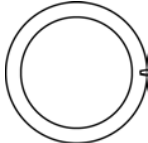
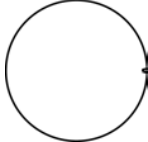
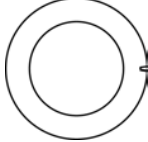
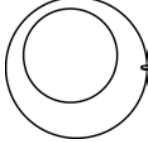
RINGS



PIN DIA



COMP HGT

YEAR	VIN	PART NUMBER	SPECS	QTY	RINGS	PIN DIA	COMP HGT
<b>2 79 CID (1.3L) SOHC L4 2.91" (74.0mm) Suzuki 2</b>							
1997-1995	9	<b>224-2719</b>	 <p>Flat Head w/2 Valve Reliefs Recess Depth: 1.20mm</p>	4	1.20mm 1.50mm 2.80mm	0.6693"	1.114"
			STD, .020", .030", .040", .060"	Pin Hole Location: Offset			
<b>Piston Ring Sets:</b> Premium: <b>41628, 41628</b>							
<b>3 98 CID (1.6L) SOHC L4 3.23" (82mm) Chevrolet 3</b>							
1987-1982	C	<b>224-2125</b>	 <p>Material: Aluminum Recess Head Recess Depth: 0.020" Recess Diameter: 2.460"</p>	4	1.50mm 1.50mm 4.00mm	0.9055"	1.474"
1982-1980	9						
1980-1979	E						
1980-1979	0						
			STD, .030", .040", .060"	Pin Hole Location: Offset			
<b>Piston Ring Sets:</b> Cast Iron: <b>51142</b> Premium: <b>41142</b>							
<b>4 112 CID (1.8L) L4 3.29" (83.0mm) Chevrolet 4</b>							
1982	G	<b>224-2130</b>	 <p>Material: Aluminum Flat Head 2nd design.</p>	6	1.50mm 2.00mm 4.75mm	0.9055"	1.578"
			STD, .020", .030", .040", .060"	Pin Hole Location: Offset			
<b>Piston Ring Sets:</b> Cast Iron: <b>51284CP</b> Premium: <b>41284CP</b>							
<b>5 122 CID (2.0L) L4 3.39" (86.0mm) Chevrolet 5</b>							
1989-1987	1	<b>224-3483</b>	 <p>Material: Aluminum Casting Number: 89V72 Recessed head Recess Depth: 0.305"</p>	4	1.50mm 1.50mm 3.00mm	0.8"	1.339"
1986-1983	P						
			STD, .020", .030", .040"	Pin Hole Location: Offset			
<b>Piston Ring Sets:</b> Cast Iron: <b>51471CP</b> Premium: <b>41471</b>							
<b>6 122 CID (2.0L) SOHC L4 3.39" (86.0mm) Opel 6</b>							
1994-1992	H	<b>224-2811</b>	 <p>Material: Hypereutectic Offset Recessed Head Recess Depth: 0.190" Recess Diameter: 2.230" Shallow Groove, Non-turbo</p>	4	1.50mm 1.50mm 3.00mm	0.8266"	1.171"
			STD, .020", .030", .040"	Pin Hole Location: Offset			
<b>Piston Ring Sets:</b> Cast Iron: <b>51470CP</b> Premium: <b>41470CP</b>							

# GENERAL MOTORS CORP.



YEAR

VIN

PART NUMBER



SPECS

QTY



RINGS

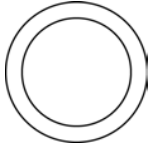


PIN DIA



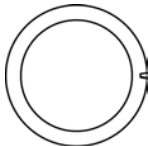
COMP HGT

<b>6 (cont.)</b>	<b>122 CID (2.0L) SOHC L4 3.39" (86.0mm) Opel</b>		<b>6 (cont.)</b>
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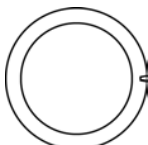
1991-1987	K	<b>224-3553</b>		Material: Aluminum Casting Number: 86V80  Recessed head Recess Depth: 0.130" Fixed pin. Non-turbo.	4	1.50mm 1.50mm 3.00mm	0.827"	1.181"
STD, .020", .030", .040"				Pin Hole Location: Offset				

**Piston Ring Sets:** Premium: **41470CP**

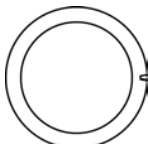
<b>7</b>	<b>134 CID (2.2L) L4 3.50" (89.0mm) Chevrolet</b>		<b>7</b>
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1991-1990	G	<b>224-2774</b>		Recessed Head Recess Depth: 0.200" Recess Diameter: 2.940"	4	1.50mm 1.50mm 3.00mm	0.8002"	1.170"
STD, .020", .030", .040"				Pin Hole Location: Offset				

**Piston Ring Sets:** Premium: **41471**

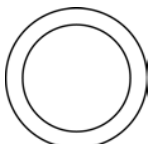
1991-1990	G	<b>224-3487</b>		Material: Aluminum Casting Number: 89V79  Recessed head Recess Depth: 0.226"	4	1.50mm 1.50mm 3.00mm	0.8"	1.181"
STD, .020", .030", .040"				Pin Hole Location: Offset				

**Piston Ring Sets:** Cast Iron: **51471CP**  
Premium: **41471**

1991	G	<b>224-3493</b>		Material: Aluminum Casting Number: 89V85  Recessed head Recess Depth: 0.226" Reduced .010" CH.	4	1.50mm 1.50mm 3.00mm	0.8"	1.175"
STD, .020", .030", .040"				Pin Hole Location: Offset				

**Piston Ring Sets:** Cast Iron: **51471CP**  
Premium: **41471**

<b>8</b>	<b>134 CID (2.2L) DOHC L4 3.39" (86.0mm) Ecotec</b>		<b>8</b>
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2004-2003	6	<b>224-3453</b>		Material: Aluminum Casting Number: 86L083  Recessed head Recess Depth: 0.157" Recess Diameter: 2.756"	4	1.20mm 1.20mm 2.50mm	0.8267"	1.0531"
STD, 25MM, 50MM								

**Piston Ring Sets:** Premium: **41897CP**

# GENERAL MOTORS CORP.

# MAHLE



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SPECS



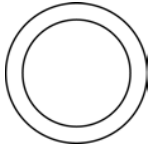
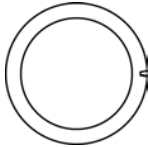
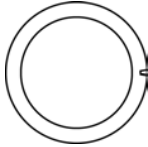
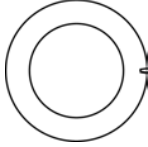
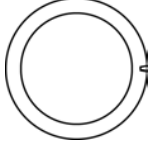
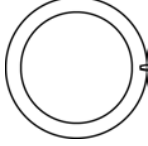
RINGS



PIN DIA



COMP HGT

9			134 CID (2.2L) DOHC L4 3.39" (86.0mm) Ecotec L61				9		
2004-2002	F	224-3453		Material: Aluminum Casting Number: 86L083  Recessed head Recess Depth: 0.157" Recess Diameter: 2.756"	4	1.20mm 1.20mm 2.50mm	0.8267"	1.0531"	
			STD, 25MM, 50MM						<b>Piston Ring Sets:</b> Premium: <b>41897CP</b>
10			134 CID (2.2L) L4 3.50" (89.0mm) Vortec				10		
1993-1992	4	224-2774		Recessed Head Recess Depth: 0.200" Recess Diameter: 2.940"	4	1.50mm 1.50mm 3.00mm	0.8002"	1.170"	
			STD, .020", .030", .040"						Pin Hole Location: Offset <b>Piston Ring Sets:</b> Premium: <b>41471</b>
1997-1994	4	224-2916		Material: Hypereutectic  Recessed Head Recess Depth: 0.200" Recess Diameter: 2.940"	4	1.50mm 1.50mm 3.00mm	0.8002"	1.170"	
			STD, .020", .030", .040"						Pin Hole Location: Offset <b>Piston Ring Sets:</b> Premium: <b>41471</b>
2002-1998	4	224-3459		Material: Hypereutectic  Recess Head Recess Depth: 0.065" Recess Diameter: 2.650" Coated Skirts	4	1.50mm 1.50mm 3.00mm	0.8002"	1.200"	
			STD, .020", .030", .040"						Pin Hole Location: Offset <b>Piston Ring Sets:</b> Premium: <b>41471</b>
1993-1992	4	224-3492		Material: Aluminum Casting Number: 89V85  Recessed head Recess Depth: 0.226"	4	1.50mm 1.50mm 3.00mm	0.8"	1.185"	
			STD, .020", .030", .040"						Pin Hole Location: Offset <b>Piston Ring Sets:</b> Premium: <b>42026CP</b>
1995-1992	4	224-3493		Material: Aluminum Casting Number: 89V85  Recessed head Recess Depth: 0.226" Reduced .010" CH.	4	1.50mm 1.50mm 3.00mm	0.8"	1.175"	
			STD, .020", .030", .040"						Pin Hole Location: Offset <b>Piston Ring Sets:</b> Cast Iron: <b>51471CP</b> Premium: <b>41471</b>



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RINGS

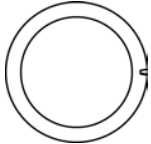


PIN DIA

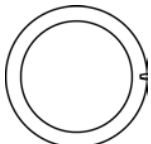


COMP HGT

**10 (cont.) 134 CID (2.2L) L4 3.50" (89.0mm) Vortec 10 (cont.)**


1997-1992	4	<b>224-3494</b>		Material: Aluminum Casting Number: 89V91  Recess Head Recess Depth: 0.199"  STD, .020", .030"	4	1.50mm 1.50mm 3.00mm	0.8"	1.185"	Pin Hole Location: Offset
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**11 134 CID (2.2L) L4 3.50" (89.0mm) Vortec LN2 11**

1993	4	<b>224-2774</b>		Recessed Head Recess Depth: 0.200" Recess Diameter: 2.940"  STD, .020", .030", .040"	4	1.50mm 1.50mm 3.00mm	0.8002"	1.170"	Pin Hole Location: Offset
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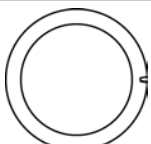
**Piston Ring Sets:** Premium: **41471**

**12 138 CID (2.3L) DOHC L4 3.62" (92.0mm) Quad 4 12**

1994-1988	D	<b>224-2887</b>		Material: Hypereutectic	4	1.50mm 1.50mm 3.00mm	0.8665"	1.240"	Pin Hole Location: Offset
1994-1989	A	Recess Head w/ 4 valve reliefs Recess Depth: 0.150" Recess Diameter: 2.660"  STD, .020", .030", .040"							

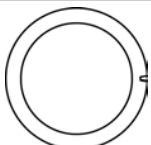
**Piston Ring Sets:** Cast Iron: **51555CP**  
Premium: **41555CP**

**13 146 CID (2.4L) DOHC L4 3.54" (90.0mm) Chevrolet 13**

1998-1996	T	<b>224-3181</b>		Material: Hypereutectic  Recessed Head Recess Depth: 0.200" Recess Diameter: 2.940"  STD, .020", .030", .040"	4	1.50mm 1.50mm 3.00mm	0.8002"	1.170"	Pin Hole Location: Offset
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**Piston Ring Sets:** Premium: **41872CP**

**14 151 CID (2.5L) L4 4.00" (101.6mm) Pontiac 14**

1986-1982	R	<b>224-2141</b>		Material: Aluminum	4	1/16" 5/64" 3/16"	0.9273"	1.570"	Pin Hole Location: Offset
1986-1985	U			Recessed Head					
1986-1982	2			Recess Depth: 0.226"					
1983-1982	F			Recess Diameter: 3.070"					
1983-1982,	9			Shallow groove. Low Tension rings.					
1979				STD, .020", .030", .040", .060"					
1983-1980	5								
1980-1979	V								
1979	1								

**Notes:** Replace in Complete Sets  
For Cars with VINs 1, 2, 5, 9, F, R, U, V: with Shallow Oil Groove

**Piston Ring Sets:** Cast Iron: **51559CP**  
Premium: **41559CP**



YEAR

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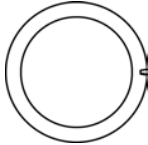


PIN DIA



COMP HGT

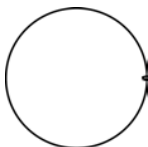
<b>14 (cont.)</b>	<b>151 CID (2.5L) L4 4.00" (101.6mm) Pontiac</b>	<b>14 (cont.)</b>
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1992-1984	R	<b>224-2567</b>	 STD, .020", .030", .040"	Material: Hypereutectic	4	1/16"	0.9273"	1.566"
1991-1985	U			Recessed Head		5/64"		
1986-1984	2			Recess Depth: 0.14"		3/16"		
				Recess Diameter: 3.100"				
				Replace in full sets only. Not intended for racing. Destroyed .020" Shallow Groove.				
					Pin Hole Location: Offset			

**Notes:** with Shallow Oil Groove; Replace in Complete Sets

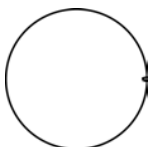
**Piston Ring Sets:** Cast Iron: **51559CP**  
Premium: **41559CP**

<b>15</b>	<b>173 CID (2.8L) V6 3.50" (89.0mm) Chevrolet</b>	<b>15</b>
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1989-1985	S	<b>224-2130</b>	 STD, .020", .030", .040", .060"	Material: Aluminum	6	1.50mm	0.9055"	1.578"
1989-1985	W			Flat Head		2.00mm		
1988-1985	9			2nd design.		4.75mm		
1986-1981	X							
1984-1981	Z							
1984-1983	L							
1984-1982	1							
1980	7							
					Pin Hole Location: Offset			

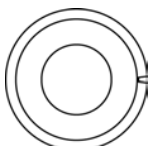
**Notes:** For Cars from 1981 to 1986 with VIN X: Except High Output Engine  
For Cars from 1983 to 1984 with VIN L: Except High Output Engine

**Piston Ring Sets:** Cast Iron: **51284CP**  
Premium: **41284CP**

1989-1985	S	<b>224-2357</b>	 STD, .020", .030", .040", .060"	Material: Aluminum	6	1.50mm	0.9055"	1.599"
1985	W			Flat Head		2.00mm		
1984-1981	Z			May replace 224-2130 but will not be Destroyed. Shallow Groove		4.75mm		
1984-1981	X							
1984-1983	L							
1984-1982	1							
					Pin Hole Location: Offset			

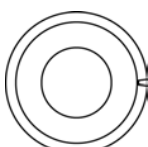
**Notes:** with Shallow Oil Groove  
For 1985 Cars with VIN W: High Output Engine(s)  
For Cars from 1981 to 1984 with VINs 1, L, X, Z: High Output Engine(s)

**Piston Ring Sets:** Premium: **41474**

1989-1988	W	<b>224-3480</b>	 STD, .020", .030", .040"	Material: Aluminum	6	1.50mm	0.905"	1.598"
1989-1988	S			Casting Number: 89V71A1		1.50mm		
1988	9			Recessed head		4.00mm		
				Recess Depth: 0.281"				
				This is a .020" Reduced CH				
					Pin Hole Location: Offset			

**Notes:** For Cars: with Aluminum Head

**Piston Ring Sets:** Cast Iron: **51473CP**  
Premium: **41864CP**

1989-1988	W	<b>224-3484</b>	 STD, .020", .030", .040"	Material: Aluminum	6	1.50mm	0.905"	1.618"
				Casting Number: 89V71A1		1.50mm		
				Recessed head		4.00mm		
				Recess Depth: 0.281"				
					Pin Hole Location: Offset			

**Notes:** with Aluminum Head

**Piston Ring Sets:** Cast Iron: **51473CP**  
Premium: **41473CP**

# GENERAL MOTORS CORP.



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RINGS



PIN DIA



COMP HGT

16		189 CID (3.1L) V6 3.50" (89.0mm) Chevrolet				16	
1994-1993	M	<b>224-2757</b>		Recessed Head Recess Depth: 0.272" Recess Diameter: 2.880" For Aluminum Head applications. Use early style rings. Shallow Groove	6	1.50mm 1.50mm 4.00mm	0.9054" 1.450"
1994-1988	T						
1993	W						
			STD, .020", .030", .040"				Pin Hole Location: Offset
<b>Notes:</b>			For : with Stock Aluminum Heads		<b>Piston Ring Sets:</b> Cast Iron: <b>51473CP</b> Premium: <b>41473CP</b>		
1994-1993	M	<b>224-2758</b>		Material: Hypereutectic Recessed Head Recess Depth: 0.105" Recess Diameter: 2.950" Iron Head, APV Only, Coated Skirts.Shallow Groove	6	1.50mm 1.50mm 4.00mm	0.9055" 1.45"
1994-1988	T						
1993	W						
1990-1989	V						
			STD, .020", .030", .040", .060"				Pin Hole Location: Offset
<b>Notes:</b>			For Cars from 1990 to 1992: with Stock Cast Iron Heads		<b>Piston Ring Sets:</b> Cast Iron: <b>51473CP</b> Premium: <b>41473CP</b>		
1999-1996	M	<b>224-3411</b>		Material: Aluminum Recessed Head Recess Depth: 0.258" Recess Diameter: 2.825" Coated Skirt. Shallow Groove.	6	1.20mm 1.50mm 3.00mm	0.9054" 1.478"
			STD, .020", .030", .040"				Pin Hole Location: Offset
<b>Notes:</b>			Coated		<b>Piston Ring Sets:</b> Premium: <b>41865CP</b>		
2005-2000	J	<b>224-3447</b>		Material: Aluminum Casting Number: 89L41 Recessed Recess Depth: 0.259" Coated skirts. Polymer Coated.	6	1.20mm 1.50mm 3.00mm	0.905" 1.488"
			STD, .020", .030", .040"				
					<b>Piston Ring Sets:</b> Premium: <b>41915CP</b>		
1994-1988	T	<b>224-3488</b>		Material: Aluminum Casting Number: 89V83A1 Recessed head Recess Depth: 0.106"	6	1.50mm 1.50mm 4.00mm	0.905" 1.461"
			STD, .020", .030", .040"				Pin Hole Location: Offset
					<b>Piston Ring Sets:</b> Premium: <b>41589</b>		
1994-1988	T	<b>224-3489</b>		Material: Aluminum Casting Number: 89V83A1 Recessed head Recess Depth: 0.106" This is a .020" reduced CH.	6	1.50mm 1.50mm 4.00mm	0.905" 1.441"
			STD, .020", .030", .040"				Pin Hole Location: Offset
					<b>Piston Ring Sets:</b> Premium: <b>41589</b>		

# GENERAL MOTORS CORP.



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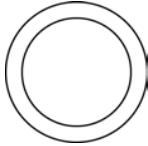
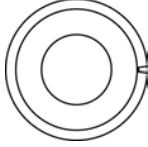
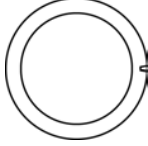
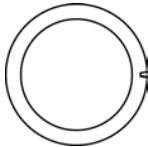
RINGS



PIN DIA



COMP HGT

16 (cont.) 189 CID (3.1L) V6 3.50" (89.0mm) Chevrolet				16 (cont.)					
1994-1988	T	<b>224-3490</b>	 STD, .020", .030", .040"	Material: Aluminum Casting Number: 89V80  Recessed head Recess Depth: 0.257" Pin boss spacing 1.142".	6	1.50mm 1.50mm 4.00mm	0.905"	1.461"	Pin Hole Location: Offset
				<b>Piston Ring Sets: Premium: 41589</b>					
1994-1988	T	<b>224-3491</b>	 STD, .020", .030", .040", .060"	Material: Aluminum Casting Number: 89V80  Recessed head Recess Depth: 0.257" Pin boss spacing 1.142". This is a .020" Reduced CH.	6	1.50mm 1.50mm 4.00mm	0.905"	1.441"	Pin Hole Location: Offset
				<b>Piston Ring Sets: Premium: 41589</b>					
2003-1999	J	<b>224-3537</b>	 STD, 50MM, 75MM, 100MM	Material: Aluminum Casting Number: 89L28  Recessed head Recess Depth: 0.259" Recess Diameter: 2.834" 0.25mm Reduced CH. Coated skirts	6	1.20mm 1.50mm 3.00mm	0.905"	1.488"	Pin Hole Location: Offset
				<b>Piston Ring Sets: Premium: 41915CP</b>					
1999-1994	M	<b>224-3541</b>	 STD, 50MM, 75MM, 100MM	Material: Aluminum Casting Number: 89L28  Recessed head Recess Depth: 0.259" Std.compression height. Coated skirts.	6	1.50mm 1.50mm 4.00mm	0.906"	1.478"	Pin Hole Location: Offset
				<b>Piston Ring Sets: Cast Iron: 51473CP Premium: 41473CP</b>					
1999-1994	M	<b>224-3542</b>	 STD, 50MM, 75MM, 100MM	Material: Aluminum Casting Number: 89L28  Recessed head Recess Depth: 0.259" 0.25mm reduced CH. Coated skirts	6	1.50mm 1.50mm 4.00mm	0.906"	1.478"	Pin Hole Location: Offset
				<b>Piston Ring Sets: Cast Iron: 51473CP Premium: 41473CP</b>					



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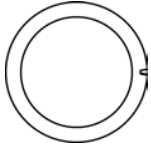


PIN DIA

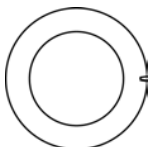


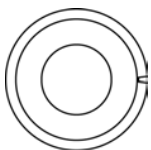
COMP HGT

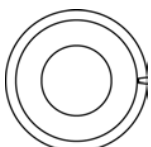
**17 204 CID (3.3L) V6 3.70" (92.0mm) Buick 17**

1993-1989	N	<b>224-2755</b>		Material: Hypereutectic Recess Head Recess Depth: 0.123" Recess Diameter: 2.830" Shallow Groove	6	1.50mm 1.50mm 3.00mm	0.9054"	1.310"
			STD, .020", .030"		Pin Hole Location: Offset			
					<b>Piston Ring Sets:</b> Cast Iron: <b>51613CP</b> Premium: <b>41613</b>			

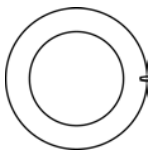
**18 207 CID (3.4L) V6 3.62" (92.0mm) Chevrolet 18**

1995-1993	S	<b>224-2896</b>		Material: Hypereutectic Recessed Head Recess Depth: 0.080" Recess Diameter: 2.750" Shallow groove.	6	1.50mm 1.50mm 4.00mm	0.9054"	1.457"
			STD, .020", .030", .040"		Pin Hole Location: Offset			
					<b>Piston Ring Sets:</b> Cast Iron: <b>51615CP</b> Premium: <b>41615</b>			

1999	E	<b>224-3412</b>		Material: Hypereutectic Recessed Head Recess Depth: 0.270" Recess Diameter: 3.140" Coated Skirt. LA1 Engine, Shallow Groove	6	1.20mm 1.50mm 4.00mm	0.9054"	1.470"
			STD, .020", .030", .040"		Pin Hole Location: Offset			
<b>Notes:</b>			Coated		<b>Piston Ring Sets:</b> Premium: <b>41864CP</b>			

2005-1999	E	<b>224-3538</b>		Material: Aluminum Casting Number: 92L62U1 Recessed head Recess Depth: 0.256" Recess Diameter: 3.110" 0.25mm Reduced CH. Coated skirts.	6	1.20mm 1.50mm 3.00mm	0.8267"	1.478"
			STD, 50MM, 75MM, 100MM		Pin Hole Location: Offset			
					<b>Piston Ring Sets:</b> Premium: <b>41864CP</b>			

**19 207 CID (3.4L) DOHC V6 3.62" (92.0mm) Chevrolet 19**

1995-1993	X	<b>224-2896</b>		Material: Hypereutectic Recessed Head Recess Depth: 0.080" Recess Diameter: 2.750" Shallow groove.	6	1.50mm 1.50mm 4.00mm	0.9054"	1.457"
			STD, .020", .030", .040"		Pin Hole Location: Offset			
					<b>Piston Ring Sets:</b> Cast Iron: <b>51615CP</b> Premium: <b>41615</b>			

# GENERAL MOTORS CORP.

# MAHLE



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SPECS



RINGS



PIN DIA



COMP HGT

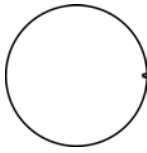
<b>19 (cont.)</b>	<b>207 CID (3.4L) DOHC V6 3.62" (92.0mm) Chevrolet</b>	<b>19 (cont.)</b>
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1995-1991	X	<b>224-3486</b>	Material: Aluminum Casting Number: 92V85  Reduced .010" . Can be used in either Left or Right bank.  STD, .020", .030", .040"	6	1.50mm 1.50mm 4.00mm	0.905"	1.466"
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Pin Hole Location: Offset

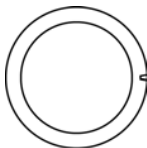
**Notes:** Replaces Left Piston or Right Piston

<b>20</b>	<b>214 CID (3.5L) DOHC V6 3.52" (89.5mm) Oldsmobile</b>	<b>20</b>
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2002-1999	H	<b>224-3545</b>	 Material: Aluminum Casting Number: 89L34++A2  Flat Hard Anodized top ring land. Shallow groove. This is a .010" reduced CH piston.  STD, 10MM, 25MM, 50MM	6	1.20mm 1.50mm 2.50mm	21mm	1.0925"
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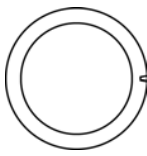
**Piston Ring Sets:** Premium: **59986N**

<b>21</b>	<b>231 CID (3.8L) V6 3.80" (96.5mm) Buick</b>	<b>21</b>
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1991-1988	C	<b>224-2759</b>	 Material: Hypereutectic  Recess Head Recess Depth: 0.250" Recess Diameter: 3.100" Shallow Groove.  STD, .020", .030", .040"	6	1.50mm 1.50mm 3.00mm	0.9054"	1.366"
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Pin Hole Location: Offset

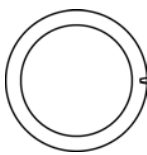
**Piston Ring Sets:** Cast Iron: **51614CP**

1995-1993	L	<b>224-2888</b>	 Material: Aluminum  Recessed Head Recess Depth: 0.295" Recess Diameter: 3.100" Shallow Groove.  STD, .020", .030", .040"	6	1.20mm 1.50mm 3.00mm	0.9054"	1.443"
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Pin Hole Location: Offset

**Notes:** with Shallow Oil Groove

**Piston Ring Sets:** Premium: **41715**

2003-1995	K	<b>224-3407</b>	 Material: Hypereutectic  Recessed Head Recess Depth: 0.050" Recess Diameter: 2.860" Shallow Groove. Not intended for racing applications.  STD, .020", .030", .040"	6	1.20mm 1.50mm 2.00mm	0.8662"	1.090"
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Pin Hole Location: Offset

**Piston Ring Sets:** Premium: **41847CP**

# GENERAL MOTORS CORP.

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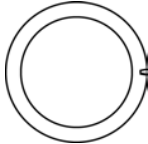


PIN DIA

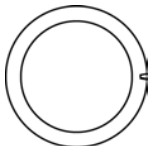


COMP HGT

## 21 (cont.) 231 CID (3.8L) V6 3.80" (96.5mm) Buick 21 (cont.)

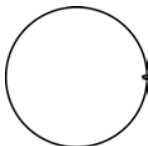
2005-2004	4	<b>224-3421</b>	 <p>Material: Hypereutectic Recessed Head Recess Depth: 0.167" Recess Diameter: 2.870"</p>	6	1.20mm	0.9054"	1.197"
2005-1996	1	STD, .020", .030", .040"			1.50mm	2.00mm	

**Piston Ring Sets:** Premium: **41847CP**

1988-1984	3	<b>224-3554</b>	 <p>Material: Aluminum Recessed head Recess Depth: 0.215" Recess Diameter: 3.050" Non-Turbo</p>	6	5/64"	0.9398"	1.805"
1987-1977	A	STD, .020", .030", .060"			3/16"		
1986	B	Pin Hole Location: Offset					


**Piston Ring Sets:** Cast Iron: **51245**  
Premium: **41245**

## 22 235 CID (3.9L) L6 3.56" (90.4mm) Chevrolet 22

1962-1954	-	<b>224-2840</b>	 <p>Material: Aluminum Flat Head Powerglide Transmission.</p>	6	3/32"	0.865"	2.060"
		STD, .030", .040", .060"			3/32"		

**Piston Ring Sets:** Premium: **41268**

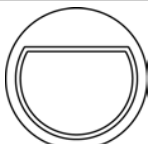
## 23 244 CID (4.0L) DOHC V8 3.43" (87.0mm) Oldsmobile 23

1999-1996	C	<b>224-3469</b>	 <p>Material: Aluminum Flat w/ 4 reliefs Shallow Groove</p>	8	1.20mm	0.866"	1.250"
		STD			1.50mm	3.00mm	

**Notes:** with Shallow Oil Groove; Must be Used in Sleeved Engines

**Piston Ring Sets:** Cast Iron: **51614CP**

## 24 250 CID (4.1L) L6 3.88" (98.4mm) Chevrolet 24

1979-1972	D	<b>224-1658</b>	 <p>Material: Aluminum D Shape Recessed Head Recess Depth: 0.060"</p>	6	5/64"	0.9273"	1.640"
1971-1966	-	STD, .020", .030", .040", .060"			5/64"		

**Piston Ring Sets:** Cast Iron: **50514CP**  
Premium: **40514CP**

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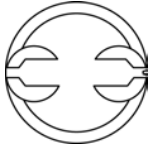


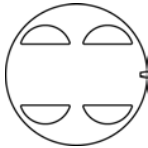
RINGS



PIN DIA



COMP HGT

25		262 CID (4.3L) V6 4.00" (101.6mm) Chevrolet				25	
1993-1992, Z 1990-1985	<b>224-3470</b>		Material: Hypereutectic Casting Number: 101L63  Flat top w/ 4 valve reliefs Recess Depth: 0.1023" Recess Diameter: 2.767"	6	5/64" 5/64" 3/16"	0.9279"	1.550"
		STD, .020", .030", .040", .060"				Pin Hole Location: Offset	
				<b>Piston Ring Sets:</b> Cast Iron: <b>51684CP</b> Premium: <b>41684CP</b>			
1993-1992, Z 1990-1985		<b>224-3556</b>		Material: Aluminum  Recessed head w/ 4 valve reliefs Recess Depth: 0.08" Recess Diameter: 3.160" Use with 1986 & earlier rings.	6	5/64" 5/64" 3/16"	0.9273" 1.540"
		STD, .020", .030", .040", .060"				Pin Hole Location: Offset	
				<b>Piston Ring Sets:</b> Cast Iron: <b>51684CP</b> Premium: <b>41684CP</b>			
1993-1992, Z 1990-1985		<b>224-3557</b>		Material: Aluminum  Recessed head w/ 2 valve trough reliefs Recess Depth: 0.125" Recess Diameter: 3.250"	6	5/64" 5/64" 3/16"	0.9273" 1.540"
		STD, .020", .030", .040", .060"				Pin Hole Location: Offset	
				<b>Piston Ring Sets:</b> Cast Iron: <b>50564CP</b> Premium: <b>40564CP</b>			
1993-1992, Z 1990-1985		<b>224-3558</b>		Material: Hypereutectic  Recessed head w/ 4 valve reliefs Recess Depth: 0.070" Recess Diameter: 3.140" Use with 1986 & earlier rings.	6	5/64" 5/64" 3/16"	0.9273" 1.540"
		STD, .020", .030", .040", .060"				Pin Hole Location: Offset	
				<b>Piston Ring Sets:</b> Cast Iron: <b>51684CP</b> Premium: <b>41684CP</b>			
26		281 CID (4.6L) DOHC V8 3.66" (93.0mm) Northstar				26	
1995-1993 1995-1993	Y 9	<b>224-3460</b>		Material: Hypereutectic  Flat w/ 4 reliefs Shallow Groove, Coated Skirts	8		0.866" 1.240"
		STD, .020", .030", .040"					
				<b>Piston Ring Sets:</b> Premium: <b>41699</b>			

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PIN DIA



COMP HGT

<b>27</b>	<b>283 CID (4.6L) V8 3.88" (98.6mm) Chevrolet</b>	<b>27</b>
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1967-1957	-	<b>224-1544</b>		Material: Aluminum	8	5/64"	0.9273"	1.779"
				Flat Head w/4 Valve Reliefs		5/64"		
						3/16"		
				STD, .020", .030", .040", .060"				Pin Hole Location: Offset

**Notes:** For Cars: with 2 Barrel Carburetor

**Piston Ring Sets:** Cast Iron: **50076CP**  
Premium: **40076CP**

<b>28</b>	<b>301 CID (4.9L) V8 4.00" (101.6mm) Pontiac</b>	<b>28</b>
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1981-1978	W	<b>224-2034</b>		Material: Aluminum	8	5/64"	0.9273"	1.570"
1979-1977	Y			Flat Head		5/64"		
						3/16"		
				STD, .020", .030", .040", .060"				Pin Hole Location: Offset

**Piston Ring Sets:** Cast Iron: **51240CP**  
Premium: **41240CP**

<b>29</b>	<b>305 CID (5.0L) V8 3.74" (94.9mm) Chevrolet</b>	<b>29</b>
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1987-1984, 1979	G	<b>224-2012</b>		Material: Aluminum	8	5/64"	0.9273"	1.540"
1987-1978	H			Recessed Head		5/64"		
1987-1985	F			Recess Depth: 0.090"		3/16"		
1983	S			Recess Diameter: 3.160"				
1983-1982	7			STD, .020", .030", .040", .060"				Pin Hole Location: Offset
1978-1977	U							
1976	Q							

**Notes:** For Cars: Except High Output Engine

**Piston Ring Sets:** Cast Iron: **51137CP**  
Premium: **41137CP**

1986-1982	H	<b>224-2222</b>		Material: Aluminum	8	5/64"	0.9273"	1.54"
1986-1984	G			Flat Head w/4 Valve Reliefs		5/64"		
1986-1985	F			H.O. engs. LU7 eng. TBI.		3/16"		
1983	S							
1983-1982	7			STD, .020", .030", .040", .060"				Pin Hole Location: Offset

**Notes:** From 1985 to 1986: Except Canadian Models  
From 1982 to 1984: High Output Engine(s)

**Piston Ring Sets:** Cast Iron: **51137CP**  
Premium: **41137CP**

1993-1988	E	<b>224-2558</b>		Material: Aluminum	8	5/64"	0.9275"	1.54"
1992-1987	F			Recessed Head w/4 Valve Reliefs		5/64"		
1988-1987	H			Recess Depth: 0.040"		3/16"		
1988-1987	G			Recess Diameter: 3.100"				
				STD, .020", .030", .040", .060"				Pin Hole Location: Offset

**Notes:** For 1987 Cars: Except Canadian Models

**Piston Ring Sets:** Cast Iron: **51137CP**  
Premium: **41137CP**



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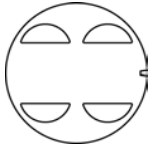

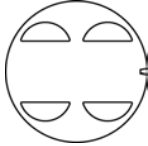
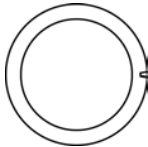

RINGS



PIN DIA



COMP HGT

29 (cont.)		305 CID (5.0L) V8 3.74" (94.9mm) Chevrolet				29 (cont.)	
1986-1984, 1979	G	<b>224-2583</b>		Material: Hypereutectic Flat Head w/4 Valve Reliefs	8	5/64" 5/64" 3/16"	0.9273" 1.540"
1986-1978	H						
1986-1985	F						
1983	S						
1983-1982	7		STD, .020", .030", .040"				Pin Hole Location: Offset
1978-1977	U						
1976	Q						
<b>Notes:</b>		Replace in Complete Sets		<b>Piston Ring Sets:</b>		Cast Iron: <b>51137CP</b> Premium: <b>41137CP</b>	
30		307 CID (5.0L) V8 3.88" (98.6mm) Chevrolet				30	
1986-1982	H	<b>224-3574</b>		Material: Hypereutectic Flat Head w/ 4 valve reliefs Coated Skirts	8	5/64" 5/64" 3/16"	0.9273" 1.540"
1986-1984	G						
1986-1985	F						
1983	S						
1983-1982	7		STD, .030", .040", .060"				Pin Hole Location: Offset
<b>Notes:</b>				<b>Piston Ring Sets:</b>		Cast Iron: <b>51137CP</b> Premium: <b>41137CP</b>	
30		307 CID (5.0L) V8 3.88" (98.6mm) Chevrolet				30	
1973-1972	F	<b>224-1737</b>		Material: Aluminum Flat Head w/4 Valve Reliefs	8	5/64" 5/64" 3/16"	0.9273" 1.655"
1971-1968	-						
1971	CA						
1970	ND						
1969	DC						
1968	ME		STD, .030", .040", .060"				Pin Hole Location: Offset
<b>Notes:</b>				<b>Piston Ring Sets:</b>		Cast Iron: <b>50076CP</b> Premium: <b>40076CP</b>	
31		307 CID (5.0L) V8 3.80" (96.5mm) Oldsmobile				31	
1984-1980	Y	<b>224-2132</b>		Material: Aluminum Recess Head Recess Depth: 0.110" Recess Diameter: 2.700"	8	1.50mm 1.50mm 4.00mm	0.9805" 1.595"
1984-1983	9		STD, .030", .060"				
<b>Notes:</b>				<b>Piston Ring Sets:</b>		Cast Iron: <b>50849CP</b> Premium: <b>40849CP</b>	
32		327 CID (5.4L) V8 4.00" (101.6mm) Chevrolet				32	
1969	FB	<b>224-1527</b>		Material: Aluminum Flat Head w/4 Valve Reliefs	8	5/64" 5/64" 3/16"	0.9273" 1.654"
1968	HJ						
1968-1962	-		STD, .020", .030", .040", .060"				Pin Hole Location: Offset
<b>Notes:</b>				<b>Piston Ring Sets:</b>		Cast Iron: <b>50564CP</b> Premium: <b>40564CP</b>	



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COMP HGT

**32 (cont.) 327 CID (5.4L) V8 4.00" (101.6mm) Chevrolet 32 (cont.)**


1969	FB	<b>224-1885</b>	 STD, .030", .040", .060"	Material: Aluminum	8	5/64"	0.9273"	1.655"
1968	HJ			Recessed Head w/2 Valve Reliefs In Recess			5/64"	
1968-1962	-			Recess Depth: 0.065" Recess Diameter: 3.150"			3/16"	

Pin Hole Location: Center

**Notes:** For Cars: Except High Performance


**Piston Ring Sets:** Cast Iron: **50564CP**  
Premium: **40564CP**

**33 346 CID (5.7L) V8 3.90" (99.0mm) Chevrolet 33**


2000-1997	G	<b>224-2991</b>	 STD, .010", .020", .030", .040"	Material: Hypereutectic	8	1.50mm	0.9449"	1.33"
				Flat head Coated skirts			1.50mm 3.00mm	

Pin Hole Location: Offset

**Piston Ring Sets:** Premium: **41850CP**

2004-2001	S	<b>224-3539WR</b>	 STD	Material: Aluminum	8	1.50mm	0.9429"	1.3385"
2004-1997	G			Casting Number: 99L7+4U1			1.50mm 3.00mm	
2004	-			Flat LS1 Eng. Coated skirts, With Rings Installed				

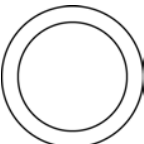
Pin Hole Location: Offset

2004-1997	G	<b>224-3540</b>	 STD, 25MM, 50MM	Material: Aluminum	8	1.50mm	0.9429"	1.3287"
				Casting Number: 99L7+4U1			1.50mm 3.00mm	

Pin Hole Location: Offset

**Piston Ring Sets:** Premium: **41850CP**

**34 350 CID (5.7L) V8 3.80" (96.5mm) Buick 34**

1980	X	<b>224-1949</b>	 STD, .020", .030", .040", .060"	Material: Aluminum	8	5/64"	0.9398"	1.805"
1974	M			Recessed Head			5/64"	
1974	N			Recess Depth: 0.215"			3/16"	
1974-1972	J			Recess Diameter: 3.050"				
1974-1972	H			Non-Turbo.				
1974	A							
1971-1968	-							

Pin Hole Location: Offset

**Notes:** For Cars from 1968 to 1970: Except High Compression;  
Except 4 Barrel Carburetor

**Piston Ring Sets:** Cast Iron: **50846CP**  
Premium: **40849CP**

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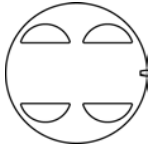
RINGS



PIN DIA



COMP HGT

35		350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet					35	
1990	7	<b>224-2511</b>		Material: Hypereutectic	8	5/64"	0.9273"	1.54"
1990,	8							
1980-1979				Flat Head w/4 Valve Reliefs		5/64"		
1980-1976	R			Not intended for Racing. Destroyed		3/16"		
1980-1978,	N			.020", Coated Skirts				
1974-1972								Pin Hole Location: Offset
1980	6							
1980,	X							
1977-1976								
1980-1974,	L							
1972								
1979	4							
1979-1978,	B							
1974								
1978-1972	H							
1977-1976	P							
1977-1972	J							
1977	G							
1976-1972	M							
1976	V							
1975-1974	T							
1975	E							
1975-1972	K							
1974	A							
1971-1967	-							

**Notes:** For Cars: Replace in Complete Sets; Performer  
 For Cars from 1978 to 1980: with Special High Performance Engine  
 For Cars from 1967 to 1970: without Special High Performance Engine;  
 Except High Performance

**Piston Ring Sets:** Cast Iron: **50564CP**  
 Premium: **40564CP**

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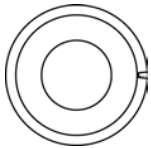


PIN DIA



COMP HGT

**35 (cont.) 350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet 35 (cont.)**

YEAR	VIN	PART NUMBER	SPECS	QTY	RINGS	PIN DIA	COMP HGT
1990-1989	7	<b>224-2517</b>	 <p>Material: Aluminum</p> <p>Recessed Head</p> <p>Recess Depth: 0.270"</p> <p>Recess Diameter: 3.300"</p> <p>For use with 305 heads.</p>	8	5/64"	0.9273"	1.540"
1990-1984, 1982, 1980-1979	8						
1988-1983, 1981-1980	6	STD, .020", .030", .040", .060"					Pin Hole Location: Offset
1985-1978, 1974-1972	N						
1982-1974, 1972	L						
1981, 1979-1978, 1974	B						
1980-1976	R						
1980	X						
1979	4						
1978-1972	H						
1977-1976	P						
1977-1972	J						
1977	G						
1976-1972	M						
1976	V						
1975-1974	T						
1975	E						
1975-1972	K						
1974	A						
1971	-						

**Notes:** For Cars from 1971 to 1990: Replace in Complete Sets

**Piston Ring Sets:** Cast Iron: **50564CP**  
Premium: **40564CP**

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PIN DIA




COMP HGT

**35 (cont.) 350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet 35 (cont.)**

1995-1992, P 1977-1976		<b>224-2694</b>  Recessed Head w/4 Valve Reliefs In Recess Recess Depth: 0.080" Recess Diameter: 3.160" Use 1986 & earlier rings.	8	5/64" 5/64" 3/16"	0.9273"	1.54"		
1993-1989 7								
1992-1984, 8								
1982,								
1980-1979							STD, .020", .030", .040", .060", .080"	Pin Hole Location: Offset
1988-1983, 6								
1981-1980								
1985-1978, N								
1974-1972								
1982-1974, L								
1972								
1981, B								
1979-1978,								
1974								
1980-1976 R								
1980, X								
1977-1976								
1979 4								
1978-1972 H								
1977-1972 J								
1977 G								
1976-1972 M								
1976 V								
1975-1974 T								
1975 E								
1975-1972 K								
1974 A								
1971-1967 -								

**Notes:** For Cars from 1971 to 1986: without Special High Performance Engine; Except High Performance  
 For Cars from 1967 to 1970: Low Compression; Replace in Complete Sets

**Piston Ring Sets:** Cast Iron: **50564CP**  
 Premium: **40564CP**

1987 8		<b>224-2745</b>  Recessed Head w/2 Trench Type Valve Reliefs Recess Depth: 0.125" Recess Diameter: 3.250"	8	5/64" 5/64" 3/16"	0.9273"	1.54"
1987 6						
	STD, .020", .030", .040", .060"	Pin Hole Location: Offset				

**Piston Ring Sets:** Cast Iron: **51476CP**  
 Premium: **41476CP**

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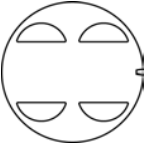


PIN DIA




COMP HGT

**35 (cont.) 350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet 35 (cont.)**

1985-1984, 1980	6	<b>224-2770</b>		Flat Head w/4 Valve Reliefs	8	5/64"	0.9273"	1.54"
1985-1984, 1982, 1980-1979	8					5/64"		
1982, 1980-1978	L	STD, .020", .030", .040", .060"						Pin Hole Location: Offset
1980-1978	R							
1980	X							
1979-1978	B							
1979	4							
1978	H							

**Notes:** For Cars from 1978 to 1980: without Special High Performance Engine; Except High Performance

**Piston Ring Sets:** Cast Iron: **50564CP**  
Premium: **40564CP**

1997-1992 1996	P 5	<b>224-2810</b>		Material: Hypereutectic Flat Head w/4 Valve Reliefs	8	2.00mm	0.9273"	1.540"
1993-1990 1992-1990	7 8					1.50mm		
		STD, .020", .030", .040", .060"						Pin Hole Location: Offset

**Piston Ring Sets:** Cast Iron: **51616CP**  
Premium: **41616CP**

# GENERAL MOTORS CORP.

# MAHLE



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PIN DIA



COMP HGT

35 (cont.)		350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet				35 (cont.)		
1988-1984, 1982, 1980-1979	8	<b>224-2948</b>  STD, .020", .030", .040", .060"	Material: Hypereutectic	8	5/64" 5/64" 3/16"	0.9273"	1.54"	
1988-1983, 1981-1980	6		Recessed Head w/4 Valve Reliefs In Recess Recess Depth: 0.07" Recess Diameter: 3.140"					
1985-1978, 1974-1972	N			12cc. Use 1986 & earlier rings. Not intended for racing applications. Destroyed .020". Deep Groove.				Pin Hole Location: Offset
1982-1974, 1972	L							
1981, 1979-1978, 1974	B							
1980-1976, 1980, 1977-1976	R X							
1979	4							
1978-1972	H							
1977-1976	P							
1977-1972	J							
1977	G							
1976-1972	M							
1976	V							
1975-1974	T							
1975	E							
1975-1972	K							
1974	A							
1971-1967	-							
<b>Notes:</b>			Replace in Complete Sets					
							<b>Piston Ring Sets:</b>	Cast Iron: <b>50564CP</b> Premium: <b>40564CP</b>
1996-1992, 1991-1990	P 8	<b>224-3497</b>  STD, .020", .030", .040"	Material: Aluminum Casting Number: 101V13	8	2.00mm 1.50mm 4.00mm	0.927"	1.559"	
			Flat top w/ 4valve reliefs Corvette and Police Interceptor (LT1).					Pin Hole Location: Offset
						<b>Piston Ring Sets:</b>	Cast Iron: <b>51616CP</b> Premium: <b>41616CP</b>	
1997-1992	P	<b>224-3498</b>  STD, .020", .030", .040"	Material: Aluminum Casting Number: 101V13	8	2.00mm 1.50mm 4.00mm	0.927"	1.549"	
			Flat top w/ 4valve reliefs Corvette and Police Interceptor (LT1). Reduced .010" CH					Pin Hole Location: Offset
						<b>Piston Ring Sets:</b>	Cast Iron: <b>51616CP</b> Premium: <b>41616CP</b>	

# GENERAL MOTORS CORP.

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PIN DIA

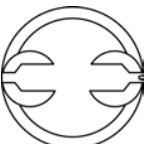


COMP HGT

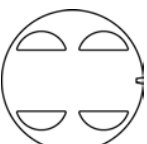
**35 (cont.) 350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet 35 (cont.)**

1995-1992	P	<b>224-3543</b> 	Material: Hypereutectic Casting Number: 101L63  Recessed head w/ 4 valve reliefs Recess Depth: 0.1023" Recess Diameter: 2.767" Coated skirts. Replace in Full sets only	8	5/64"	0.9279"	1.55"	
1992-1985,	8				5/64"			
1980-1979					3/16"			
1988-1983,	6							
1981-1980								
1982-1974,	L				STD, .020", .030", .040", .060"			Pin Hole Location: Offset
1972								
1978,	H							
1974-1972								
1977-1976	X							
1976	V							
1974	T							
1974-1972	K							
1974-1972	J							
1971	-							

**Piston Ring Sets:** Cast Iron: **50564CP**  
Premium: **40564CP**

1995-1992	P	<b>224-3544</b> 	Material: Hypereutectic Casting Number: 101L63  Recessed head w/ 4 valve reliefs Recess Depth: 0.1023" Recess Diameter: 2.767" Replace in Full Sets only	8	5/64"	0.9279"	1.55"	
1992-1985,	8				5/64"			
1980-1979					3/16"			
1988-1983,	6							
1981-1980								
1982-1974,	L				STD, .020", .030", .040", .060"			Pin Hole Location: Offset
1972								
1978,	H							
1974-1972								
1977-1976	X							
1976	V							
1974	T							
1974-1972	K							
1974-1972	J							
1971	-							

**Piston Ring Sets:** Cast Iron: **50564CP**  
Premium: **40564CP**

1990-1985,	8	<b>224-3547</b> 	Material: Hypereutectic Casting Number: 101L63  Flat w/ 4 valve reliefs Coated skirts	8	5/64"	0.9279"	1.55"	
1980-1979					5/64"			
1988-1983,	6				3/16"			
1981-1980								
1982-1974,	L				STD, .020", .030", .040", .060"			Pin Hole Location: Offset
1972								
1978,	H							
1974-1972								
1977-1976	X							
1976	V							
1974	T							
1974-1972	J							
1974-1972	K							
1971-1969	-							

**Piston Ring Sets:** Cast Iron: **50564CP**  
Premium: **40564CP**

# GENERAL MOTORS CORP.

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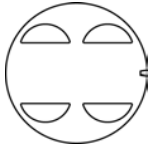
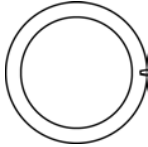
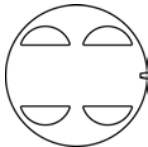
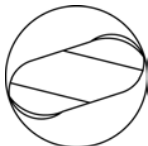
RINGS



PIN DIA



COMP HGT

35 (cont.)		350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet				35 (cont.)		
1990-1985,	8	<b>224-3548</b>  STD, .020", .030", .040", .060"	Material: Hypereutectic Casting Number: 101L63	8	5/64"	0.9279"	1.55"	
1980-1979						5/64"		
1988-1983,	6			Flat w/ 4 valve reliefs		3/16"		
1981-1980								
1982-1974,	L							Pin Hole Location: Offset
1972								
1978,	H							
1974-1972								
1977-1976	X							
1976	V							
1974	T							
1974-1972	J							
1974-1972	K							
1971-1969	-							
				<b>Piston Ring Sets:</b> Cast Iron: <b>50564CP</b> Premium: <b>40564CP</b>				
36			350 CID (5.7L) V8 4.06" (103.0mm) Oldsmobile				36	
1980-1976	R	<b>224-1740</b>  STD, .020", .030", .040", .060"	Material: Aluminum	8	5/64"	0.9805"	1.595"	
1980	8					5/64"		
1979-1978	B			Recessed Head Recess Depth: 0.220" Recess Diameter: 2.920"		3/16"		
1977-1976	L							
1975-1972	K							
1974-1972	M							Pin Hole Location: Offset
1971-1968	-							
<b>Notes:</b> Low Compression				<b>Piston Ring Sets:</b> Cast Iron: <b>50847CP</b> Premium: <b>40847CP</b>				
37		350 CID (5.7L) V8 3.88" (98.4mm) Pontiac				37		
1985	6	<b>224-1749</b>  STD, .030", .040", .060"	Material: Aluminum	8	5/64"	0.9805"	1.7"	
1979-1976	L					5/64"		
1977	P			Flat Head w/4 Valve Reliefs		3/16"		
1976-1972	M							
1976	V							
1975	E							Pin Hole Location: Offset
1974	A							
1974	B							
1974-1972	N							
1971-1968	-							
				<b>Piston Ring Sets:</b> Cast Iron: <b>50076CP</b> Premium: <b>40076CP</b>				
38		396 CID (6.5L) V8 4.09" (103.9mm) Chevrolet				38		
1969-1965	-	<b>224-2877</b>  STD, .030", .040", .060"	Material: Aluminum	8	5/64"	0.9898"	1.747"	
				Raised Head w/2 Valve Reliefs Dome Volume: Used in either right or left cylinder bank.		5/64"	3/16"	
				<b>Piston Ring Sets:</b> Cast Iron: <b>50460</b> Premium: <b>40460</b>				

# GENERAL MOTORS CORP.



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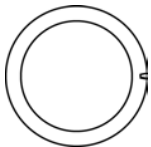
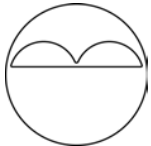
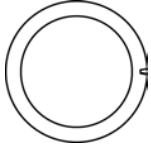

RINGS



PIN DIA



COMP HGT

39		400 CID (6.6L) V8 4.13" (104.8mm) Chevrolet				39			
1976-1974	U	<b>224-1852</b>		Material: Aluminum	8	5/64"	0.9273"	1.540"	
1975-1972	R			Recessed Head		5/64"			
1975	M			Recess Depth: 0.150"		3/16"			
1971-1970	-			Recess Diameter: 3.460"					
			STD, .020", .030", .040", .060"	Pin Hole Location: Offset					
				<b>Piston Ring Sets:</b>	Cast Iron: <b>50141CP</b>				
					Premium: <b>40141CP</b>				
<hr/>									
1976	Z	<b>224-2920</b>		Material: Aluminum	8	5/64"	0.9272"	1.565"	
1976-1974	U			Flat Head w/2 Siamese Valve Reliefs		5/64"			
1975-1972	R			5.565" Rod, 3.750" Stroke.		3/16"			
1975	M								
1974-1972	P								
1974-1972	S			STD, .020", .030", .040", .060"					Pin Hole Location: Offset
1971-1970	-								
<b>Notes:</b>	Performer For Cars: with Claimer Engine			<b>Piston Ring Sets:</b>	Cast Iron: <b>50141CP</b>				
					Premium: <b>40141CP</b>				
<hr/>									
1979-1976	Z	<b>224-3572</b>		Material: Hypereutectic	8	5/64"	0.9273"	1.540"	
1976	N			Recess Head		5/64"			
1976-1975	U			Recess Depth: 0.150"		3/16"			
1975	R			Recess Diameter: 3.460"					
1975	M			Coated Skirt					
1975	S			STD, .020", .030", .040"					
				<b>Piston Ring Sets:</b>	Cast Iron: <b>50141CP</b>				
					Premium: <b>40141CP</b>				
<hr/>									
40		400 CID (6.6L) V8 4.12" (104.6mm) Pontiac				40			
1979-1976	Z	<b>224-1670</b>		Material: Aluminum	8	5/64"	0.9805"	1.700"	
1976-1972	S			Flat Head w/8 Valve Reliefs		5/64"			
1976	N			Piston has 8 valve reliefs for use in either 1st or 2nd type engines.		3/16"			
1975-1972	R								
1974-1972	P								
1974-1972	T			STD, .020", .030", .040", .060"					Pin Hole Location: Offset
1973-1967	-								
1967	Y								
1967	X								
<b>Notes:</b>	From 1968 to 1979: Except Ram Air IV For 1967 : 2nd Design with Push Rod Guides on Intake Gasket			<b>Piston Ring Sets:</b>	Cast Iron: <b>50784CP</b>				
					Premium: <b>40784</b>				

# GENERAL MOTORS CORP.

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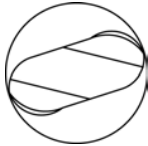
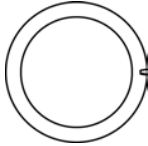
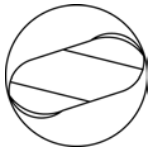

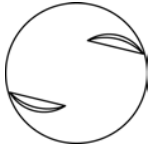
RINGS



PIN DIA



COMP HGT

41		402 CID (6.6L) V8 4.13" (104.8mm) Chevrolet						41	
1972	U	224-3173		Material: Aluminum 0.132" High Crown Use in either LEFT or RIGHT Banks. May use Std. size for a .030' oversize in the 396 CID application STD, .030", .040", .060"	8	5/64"	0.9898"	1.747"	
1972	S					5/64"			
1971-1970	-					3/16"			
<b>Notes:</b> For Cars: 2nd Design; Except High Performance; Check for Valve & Cylinder Head Interference				<b>Piston Ring Sets:</b> Cast Iron: <b>50141CP</b> Premium: <b>40141CP</b>					
42		403 CID (6.6L) V8 4.35" (110.5mm) Oldsmobile						42	
1979-1977	K	224-2038		Material: Aluminum Recessed Head Recess Depth: 0.146" Recess Diameter: 3.230" STD, .020", .030", .040", .060"	8	5/64"	0.9805"	1.595"	
						5/64"			
				Pin Hole Location: Offset					
				<b>Piston Ring Sets:</b> Cast Iron: <b>51147</b> Premium: <b>41147</b>					
43		427 CID (7.0L) V8 4.25" (108.0mm) Chevrolet						43	
1969-1966	-	224-2940		Material: Aluminum Raised Head w/2 Valve Reliefs Dome Height: 0.140" Used in either left or right cylinder bank STD, .030", .040", .060"	8	5/64"	0.9898"	1.750"	
						5/64"			
				Pin Hole Location: Offset					
<b>Notes:</b> Except High Performance				<b>Piston Ring Sets:</b> Cast Iron: <b>50203CP</b> Premium: <b>40203CP</b>					
44		430 CID (7.0L) V8 4.19" (106.4mm) Buick						44	
1969-1967	-	224-1735		Material: Aluminum STD, .030", .040"	8	5/64"	0.989"	1.942"	
						5/64"			
				<b>Piston Ring Sets:</b> Cast Iron: <b>50788</b>					
45		454 CID (7.4L) V8 4.25" (108.0mm) Chevrolet						45	
1976	S	224-1870		Material: Aluminum Flat Head w/2 Valve Reliefs Used in either left or right bank cylinder banks. For 1970 replace in full sets only. STD, .020", .030", .040", .060"	8	5/64"	0.9898"	1.627"	
1975-1973	Y					5/64"			
1974-1973	Z					3/16"			
1973	X								
1972	W								
1972	V								
1971-1970	-		Pin Hole Location: Offset						
				<b>Piston Ring Sets:</b> Cast Iron: <b>50203CP</b> Premium: <b>40203CP</b>					

# GENERAL MOTORS CORP.



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PIN DIA



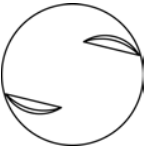
COMP HGT

## 45 (cont.) 454 CID (7.4L) V8 4.25" (108.0mm) Chevrolet 45 (cont.)

1976	S	<b>224-2707</b>		Material: Hypereutectic	8	5/64"	0.9898"	1.627"
1975-1973	Y			Recessed Head w/2 Valve Reliefs		5/64"		
1974-1973	Z			Recess Depth: 0.065"		3/16"		
1973	X			Recess Diameter: 2.000"				
1972	W			Not intended for racing. Coated				
1972	V	STD, .020", .030", .040"		Skirts				Pin Hole Location: Offset

**Notes:** Performer; Replace in Complete Sets

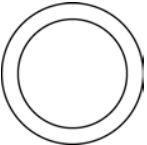
**Piston Ring Sets:** Cast Iron: **50203CP**  
Premium: **40203CP**

1976	S	<b>224-3573.030</b>		Material: Hypereutectic	8	5/64"	0.9898"	1.627"
1974-1973	Z			Flat Head w/ 2 valve reliefs		5/64"		
				Use in either the Left or Right Bank.		3/16"		
				For 1970 Replace in FULL SETS				
				ONLY. Coated Skirt				Pin Hole Location: Offset

.030", .040", .060"

**Piston Ring Sets:** Cast Iron: **50203CP**  
Premium: **40203CP**

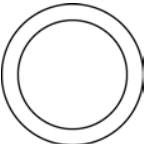
## 46 455 CID (7.5L) V8 4.31" (109.6mm) Buick 46

1974-1973	V	<b>224-1848</b>		Material: Aluminum	8	5/64"	0.9997"	1.955"
1974,	W			Recessed Head		5/64"		
1972				Recess Depth: 0.245"		3/16"		
1974-1971	U			Recess Diameter: 3.610"				
1974-1972	T							Pin Hole Location: Offset
1974	P	STD, .020", .030", .040", .060"						

1974  
1974  
1971-1970

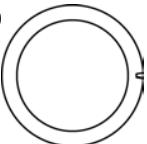
**Piston Ring Sets:** Cast Iron: **50449**  
Premium: **40449**

## 47 455 CID (7.5L) V8 4.13" (104.8mm) Oldsmobile 47

1976-1972	T	<b>224-1746</b>		Material: Aluminum	8	5/64"	0.9805"	1.720"
1976	S			Recessed Head		5/64"		
1974-1972	W			Recess Depth: 0.3240"		3/16"		
1974-1972	U			Recess Diameter: 3.031"				
1974	R							Pin Hole Location: Offset
1971-1968	-	STD, .030", .040", .060"						

**Notes:** Low Compression

**Piston Ring Sets:** Cast Iron: **50141CP**  
Premium: **40141CP**

1970-1968	-	<b>224-1747-020</b>		Material: Aluminum	8	5/64"	0.9805"	1.720"
				Recess Head		5/64"		
				Recess Depth: 0.120"		3/16"		
				Recess Diameter: 2.940"				Pin Hole Location: Offset

.020", .030", .040", .060"

**Notes:** High Compression

**Piston Ring Sets:** Cast Iron: **50141CP**  
Premium: **40141CP**

# GENERAL MOTORS CORP.

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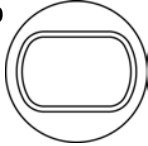
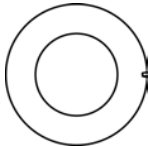
QTY RINGS



PIN DIA



COMP HGT

48		455 CID (7.5L) V8 4.15" (105.4mm) Pontiac					48		
1976-1972	W	224-1849		Material: Aluminum	8	5/64"	0.9805"	1.480"	
1974-1972	Y			Flat Head w/4 Valve Reliefs		1/16"			
1974-1972	X					3/16"			
1973-1970	-								
1972	V								
1972	U			STD, .030", .040", .060"					Pin Hole Location: Offset
<b>Notes:</b>		Except Super Duty			<b>Piston Ring Sets:</b> Cast Iron: <b>50962</b> Premium: <b>40962</b>				
49		472 CID (7.7L) V8 4.30" (109.2mm) Cadillac					49		
1974-1972	R	224-3075.030		Material: Aluminum	8	5/64"	0.9997"	2.004"	
1971-1968	-			Rectangular Recess Head		5/64"			
		Recess Depth: 0.380"	3/16"						
		.030", .040"					Pin Hole Location: Offset		
					<b>Piston Ring Sets:</b> Cast Iron: <b>50850</b> Premium: <b>40850</b>				
50		500 CID (8.2L) V8 4.30" (109.2mm) Cadillac					50		
1976-1974	S	224-2035		Material: Aluminum	8	5/64"	0.9997"	1.882"	
				Recess Depth: 0.110"		5/64"			
		Recess Diameter: 2.500"	3/16"						
		STD, .020", .040"					Pin Hole Location: Offset		
					<b>Piston Ring Sets:</b> Cast Iron: <b>50850</b> Premium: <b>40850</b>				

# GENERAL MOTORS TRUCK

ENGINE	YEAR	BLOCK
134 CID (2.2L) L4 Vortec	2000-1994	1
151 CID (2.5L) L4 Pontiac	1993-1985	2
169 CID (2.8L) DOHC L4	2006-2004	3
173 CID (2.8L) V6 Chevrolet	1993-1982	4
189 CID (3.1L) V6 Chevrolet	1994-1990	5
207 CID (3.4L) V6 Chevrolet	2005-1996	6
211 CID (3.5L) DOHC L5	2006-2004	7
231 CID (3.8L) V6 Buick	1984-1978	8
235 CID (3.9L) L6 Chevrolet	1962-1954	9
250 CID (4.1L) L6 Chevrolet	1984-1966	10
256 CID (4.2L) DOHC L6 Vortec	2005-2002	11
262 CID (4.3L) V6 Chevrolet	1996-1985	12
262 CID (4.3L) V6 Vortec	2002-1992	13

# GENERAL MOTORS TRUCK



ENGINE	YEAR	BLOCK
283 CID (4.6L) V8 Chevrolet	1967-1957	14
292 CID (4.8L) L6 Chevrolet	1989-1963	15
292 CID (4.8L) L6 Chevrolet LPG	1974	16
294 CID (4.8L) V8 Vortec	2004-1999	17
305 CID (5.0L) V8 Chevrolet	1996-1976	18
305 CID (5.0L) V8 Vortec	2002-1996	19
307 CID (5.0L) V8 Chevrolet	1973-1968	20
323 CID (5.3L) V8 Vortec	2004-1999	21
325 CID (5.3L) V8 Vortec	2004-2002	22
327 CID (5.4L) V8 Chevrolet	1968-1964, 1962	23
350 CID (5.7L) V8 Chevrolet CNG	1996-1995, 1993-1992	24
350 CID (5.7L) V8 Vortec CNG	2001-1997	25
350 CID (5.7L) V8 Chevrolet	1996-1969	26
350 CID (5.7L) V8 Chevrolet LF5	1990-1980	27
350 CID (5.7L) V8 Pontiac	1984	28
350 CID (5.7L) V8 Vortec	2002-1997, 1995	29
350 CID (5.7L) V8 Chevrolet LPG	1974	30
364 CID (6.0L) V8 Vortec CNG	2004-2002	31
364 CID (6.0L) V8 Vortec	2005-1999	32
366 CID (6.0L) V8 Chevrolet	1967-1966	33
366 CID (6.0L) V8 Chevrolet L86	1991, 1984-1980	34
366 CID (6.0L) V8 Chevrolet LS0	1993-1991	35
379 CID (6.2L) V8 DIESEL	1993-1982	36
395 CID (6.5L) V8 DIESEL	2002-1992	37
395 CID (6.5L) V8 L65 DIESEL	2002-1999	38
396 CID (6.5L) V8 Chevrolet	1969-1966	39
400 CID (6.6L) V8 Duramax DIESEL	2004-2001	40
400 CID (6.6L) V8 Chevrolet	1980-1974, 1970	41
402 CID (6.6L) V8 Chevrolet	1972-1970	42
427 CID (7.0L) V8 L43	1990-1980	43
427 CID (7.0L) V8 LR0	1997-1990	44
454 CID (7.4L) V8 Chevrolet	1989-1970	45
454 CID (7.4L) V8	1997-1987	46
454 CID (7.4L) V8 L19	1996	47
454 CID (7.4L) V8 Vortec	1999-1996	48
454 CID (7.4L) V8 Vortec LP4	1999	49
496 CID (8.1L) V8 Vortec	2004-2001	50
496 CID (8.1L) V8 Vortec L18	2004-2001	51

MODEL	ENGINE	YEAR	BLOCK
Astro	151 CID (2.5L) L4 4.00" (101.6mm) Pontiac	1990-1985	2
Astro	262 CID (4.3L) V6 4.00" (101.6mm) Chevrolet	1994-1985	12
Astro	262 CID (4.3L) V6 4.00" (101.6mm) Vortec	2002-1992	13
Avalanche 1500	323 CID (5.3L) V8 3.78" (96.0mm) Vortec	2004-2002	21
Avalanche 2500	496 CID (8.1L) V8 4.25" (108.0mm) Vortec	2004-2002	50
Aztek	207 CID (3.4L) V6 3.62" (92.0mm) Chevrolet	2005-2001	6
Blazer	250 CID (4.1L) L6 3.88" (98.4mm) Chevrolet	1974-1969	10
Blazer	262 CID (4.3L) V6 4.00" (101.6mm) Vortec	2002-1995	13
Blazer	292 CID (4.8L) L6 3.88" (98.4mm) Chevrolet	1973, 1970	15
Blazer	305 CID (5.0L) V8 3.74" (94.9mm) Chevrolet	1987	18
Blazer	307 CID (5.0L) V8 3.88" (98.6mm) Chevrolet	1973-1969	20
Blazer	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1994-1987, 1974-1969	26

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MODEL	ENGINE	YEAR	BLOCK
Blazer	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet LPG	1974	30
Blazer	379 CID (6.2L) V8 3.98" (101.0mm) DIESEL	1991-1987	36
Blazer	395 CID (6.5L) V8 4.06" (103.0mm) DIESEL	1994	37
Blazer	454 CID (7.4L) V8 4.25" (108.0mm) Chevrolet	1973	45
Bravada	256 CID (4.2L) DOHC L6 3.66" (93.0mm) Vortec	2004-2002	11
Bravada	262 CID (4.3L) V6 4.00" (101.6mm) Chevrolet	1992-1991	12
Bravada	262 CID (4.3L) V6 4.00" (101.6mm) Vortec	2001-1996, 1994-1992	13
C-Series Kodiak	427 CID (7.0L) V8 4.13" (104.8mm) LR0	1997	44
C-Series Kodiak	454 CID (7.4L) V8 4.25" (108.0mm) Vortec LP4	1999	49
C-Series Kodiak	496 CID (8.1L) V8 4.25" (108.0mm) Vortec L18	2002-2001	51
C-Series Topkick	427 CID (7.0L) V8 4.13" (104.8mm) LR0	1997	44
C-Series Topkick	454 CID (7.4L) V8 4.25" (108.0mm) Vortec LP4	1999	49
C-Series Topkick	496 CID (8.1L) V8 4.25" (108.0mm) Vortec L18	2002-2001	51
C10	250 CID (4.1L) L6 3.88" (98.4mm) Chevrolet	1984-1975	10
C10	262 CID (4.3L) V6 4.00" (101.6mm) Chevrolet	1986-1985	12
C10	292 CID (4.8L) L6 3.88" (98.4mm) Chevrolet	1980-1975	15
C10	305 CID (5.0L) V8 3.74" (94.9mm) Chevrolet	1986-1976	18
C10	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1986-1975	26
C10	379 CID (6.2L) V8 3.98" (101.0mm) DIESEL	1986-1982	36
C10	400 CID (6.6L) V8 4.13" (104.8mm) Chevrolet	1980-1976	41
C10	454 CID (7.4L) V8 4.25" (108.0mm) Chevrolet	1980-1975	45
C10 Panel	235 CID (3.9L) L6 3.56" (90.4mm) Chevrolet	1962-1960	9
C10 Panel	250 CID (4.1L) L6 3.88" (98.4mm) Chevrolet	1967-1966	10
C10 Pickup	235 CID (3.9L) L6 3.56" (90.4mm) Chevrolet	1962-1961	9
C10 Pickup	250 CID (4.1L) L6 3.88" (98.4mm) Chevrolet	1974-1966	10
C10 Pickup	283 CID (4.6L) V8 3.88" (98.6mm) Chevrolet	1967-1961	14
C10 Pickup	292 CID (4.8L) L6 3.88" (98.4mm) Chevrolet	1974-1973, 1971-1963	15
C10 Pickup	292 CID (4.8L) L6 3.88" (98.4mm) Chevrolet LPG	1974	16
C10 Pickup	307 CID (5.0L) V8 3.88" (98.6mm) Chevrolet	1973-1968	20
C10 Pickup	327 CID (5.4L) V8 4.00" (101.6mm) Chevrolet	1968-1964, 1962	23
C10 Pickup	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1974-1969	26
C10 Pickup	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet LPG	1974	30
C10 Pickup	396 CID (6.5L) V8 4.09" (103.9mm) Chevrolet	1969-1968	39
C10 Pickup	402 CID (6.6L) V8 4.13" (104.8mm) Chevrolet	1972-1970	42
C10 Pickup	454 CID (7.4L) V8 4.25" (108.0mm) Chevrolet	1974-1973	45
C10 Suburban	250 CID (4.1L) L6 3.88" (98.4mm) Chevrolet	1980-1968	10
C10 Suburban	292 CID (4.8L) L6 3.88" (98.4mm) Chevrolet	1974-1973, 1971-1968	15
C10 Suburban	292 CID (4.8L) L6 3.88" (98.4mm) Chevrolet LPG	1974	16
C10 Suburban	305 CID (5.0L) V8 3.74" (94.9mm) Chevrolet	1986-1976	18
C10 Suburban	307 CID (5.0L) V8 3.88" (98.6mm) Chevrolet	1973-1968	20
C10 Suburban	327 CID (5.4L) V8 4.00" (101.6mm) Chevrolet	1968	23
C10 Suburban	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1986-1969	26
C10 Suburban	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet LPG	1974	30
C10 Suburban	379 CID (6.2L) V8 3.98" (101.0mm) DIESEL	1986-1982	36
C10 Suburban	396 CID (6.5L) V8 4.09" (103.9mm) Chevrolet	1969-1968	39
C10 Suburban	402 CID (6.6L) V8 4.13" (104.8mm) Chevrolet	1972-1970	42
C10 Suburban	454 CID (7.4L) V8 4.25" (108.0mm) Chevrolet	1980-1973	45
C15	250 CID (4.1L) L6 3.88" (98.4mm) Chevrolet	1978-1975	10
C15	292 CID (4.8L) L6 3.88" (98.4mm) Chevrolet	1978-1975	15
C15	305 CID (5.0L) V8 3.74" (94.9mm) Chevrolet	1978-1976	18
C15	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1978-1975	26
C15	400 CID (6.6L) V8 4.13" (104.8mm) Chevrolet	1978, 1976	41
C15	454 CID (7.4L) V8 4.25" (108.0mm) Chevrolet	1978-1975	45
C15 Suburban	250 CID (4.1L) L6 3.88" (98.4mm) Chevrolet	1978-1975	10
C15 Suburban	305 CID (5.0L) V8 3.74" (94.9mm) Chevrolet	1978-1976	18

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MODEL	ENGINE	YEAR	BLOCK
C15 Suburban	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1978-1975	26
C15 Suburban	454 CID (7.4L) V8 4.25" (108.0mm) Chevrolet	1978-1975	45
C15/C1500 Pickup	250 CID (4.1L) L6 3.88" (98.4mm) Chevrolet	1974-1966	10
C15/C1500 Pickup	283 CID (4.6L) V8 3.88" (98.6mm) Chevrolet	1967	14
C15/C1500 Pickup	292 CID (4.8L) L6 3.88" (98.4mm) Chevrolet	1974-1973, 1971-1966	15
C15/C1500 Pickup	292 CID (4.8L) L6 3.88" (98.4mm) Chevrolet LPG	1974	16
C15/C1500 Pickup	307 CID (5.0L) V8 3.88" (98.6mm) Chevrolet	1973-1968	20
C15/C1500 Pickup	327 CID (5.4L) V8 4.00" (101.6mm) Chevrolet	1968-1967	23
C15/C1500 Pickup	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1974-1969	26
C15/C1500 Pickup	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet LPG	1974	30
C15/C1500 Pickup	396 CID (6.5L) V8 4.09" (103.9mm) Chevrolet	1969-1968	39
C15/C1500 Pickup	402 CID (6.6L) V8 4.13" (104.8mm) Chevrolet	1972-1970	42
C15/C1500 Pickup	454 CID (7.4L) V8 4.25" (108.0mm) Chevrolet	1974-1973	45
C15/C1500 Suburban	250 CID (4.1L) L6 3.88" (98.4mm) Chevrolet	1974-1968	10
C15/C1500 Suburban	292 CID (4.8L) L6 3.88" (98.4mm) Chevrolet	1974-1973, 1971-1968	15
C15/C1500 Suburban	292 CID (4.8L) L6 3.88" (98.4mm) Chevrolet LPG	1974	16
C15/C1500 Suburban	307 CID (5.0L) V8 3.88" (98.6mm) Chevrolet	1973-1968	20
C15/C1500 Suburban	327 CID (5.4L) V8 4.00" (101.6mm) Chevrolet	1968	23
C15/C1500 Suburban	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1974-1969	26
C15/C1500 Suburban	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet LPG	1974	30
C15/C1500 Suburban	396 CID (6.5L) V8 4.09" (103.9mm) Chevrolet	1969-1968	39
C15/C1500 Suburban	402 CID (6.6L) V8 4.13" (104.8mm) Chevrolet	1972-1970	42
C15/C1500 Suburban	454 CID (7.4L) V8 4.25" (108.0mm) Chevrolet	1974-1973	45
C1500	250 CID (4.1L) L6 3.88" (98.4mm) Chevrolet	1984-1979	10
C1500	262 CID (4.3L) V6 4.00" (101.6mm) Chevrolet	1995-1988, 1986-1985	12
C1500	262 CID (4.3L) V6 4.00" (101.6mm) Vortec	1998-1996	13
C1500	292 CID (4.8L) L6 3.88" (98.4mm) Chevrolet	1980-1979	15
C1500	305 CID (5.0L) V8 3.74" (94.9mm) Chevrolet	1995-1988, 1986-1979	18
C1500	305 CID (5.0L) V8 3.74" (94.9mm) Vortec	1999-1996	19
C1500	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1995-1988, 1986-1979	26
C1500	350 CID (5.7L) V8 4.00" (101.6mm) Vortec	1999-1997	29
C1500	379 CID (6.2L) V8 3.98" (101.0mm) DIESEL	1993-1988, 1986-1982	36
C1500	395 CID (6.5L) V8 4.06" (103.0mm) DIESEL	1998-1994	37
C1500	400 CID (6.6L) V8 4.13" (104.8mm) Chevrolet	1980-1979	41
C1500	454 CID (7.4L) V8 4.25" (108.0mm) Chevrolet	1980-1979	45
C1500	454 CID (7.4L) V8 4.25" (108.0mm)	1993-1990	46
C1500 Suburban	250 CID (4.1L) L6 3.88" (98.4mm) Chevrolet	1980-1979	10
C1500 Suburban	305 CID (5.0L) V8 3.74" (94.9mm) Chevrolet	1986-1979	18
C1500 Suburban	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1995-1992, 1986-1979	26
C1500 Suburban	350 CID (5.7L) V8 4.00" (101.6mm) Vortec	1999-1997	29
C1500 Suburban	379 CID (6.2L) V8 3.98" (101.0mm) DIESEL	1986-1982	36
C1500 Suburban	395 CID (6.5L) V8 4.06" (103.0mm) DIESEL	1999-1995	37
C1500 Suburban	454 CID (7.4L) V8 4.25" (108.0mm) Chevrolet	1980-1979	45
C20	250 CID (4.1L) L6 3.88" (98.4mm) Chevrolet	1984-1975	10
C20	262 CID (4.3L) V6 4.00" (101.6mm) Chevrolet	1986-1985	12
C20	292 CID (4.8L) L6 3.88" (98.4mm) Chevrolet	1986-1975	15
C20	305 CID (5.0L) V8 3.74" (94.9mm) Chevrolet	1986-1977	18
C20	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1986-1975	26
C20	379 CID (6.2L) V8 3.98" (101.0mm) DIESEL	1986-1982	36
C20	400 CID (6.6L) V8 4.13" (104.8mm) Chevrolet	1980-1976	41
C20	454 CID (7.4L) V8 4.25" (108.0mm) Chevrolet	1986-1975	45
C20 Panel	250 CID (4.1L) L6 3.88" (98.4mm) Chevrolet	1967	10
C20 Pickup	235 CID (3.9L) L6 3.56" (90.4mm) Chevrolet	1962-1961	9
C20 Pickup	250 CID (4.1L) L6 3.88" (98.4mm) Chevrolet	1974-1966	10
C20 Pickup	283 CID (4.6L) V8 3.88" (98.6mm) Chevrolet	1967-1961	14

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MODEL	ENGINE	YEAR	BLOCK
C20 Pickup	292 CID (4.8L) L6 3.88" (98.4mm) Chevrolet	1974-1963	15
C20 Pickup	292 CID (4.8L) L6 3.88" (98.4mm) Chevrolet LPG	1974	16
C20 Pickup	307 CID (5.0L) V8 3.88" (98.6mm) Chevrolet	1973-1968	20
C20 Pickup	327 CID (5.4L) V8 4.00" (101.6mm) Chevrolet	1968-1964, 1962	23
C20 Pickup	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1974-1969	26
C20 Pickup	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet LPG	1974	30
C20 Pickup	366 CID (6.0L) V8 3.94" (100.1mm) Chevrolet	1966	33
C20 Pickup	396 CID (6.5L) V8 4.09" (103.9mm) Chevrolet	1969-1968	39
C20 Pickup	402 CID (6.6L) V8 4.13" (104.8mm) Chevrolet	1972-1970	42
C20 Pickup	454 CID (7.4L) V8 4.25" (108.0mm) Chevrolet	1974-1973	45
C20 Suburban	250 CID (4.1L) L6 3.88" (98.4mm) Chevrolet	1974-1968	10
C20 Suburban	292 CID (4.8L) L6 3.88" (98.4mm) Chevrolet	1982-1968	15
C20 Suburban	292 CID (4.8L) L6 3.88" (98.4mm) Chevrolet LPG	1974	16
C20 Suburban	305 CID (5.0L) V8 3.74" (94.9mm) Chevrolet	1986-1976	18
C20 Suburban	307 CID (5.0L) V8 3.88" (98.6mm) Chevrolet	1973-1968	20
C20 Suburban	327 CID (5.4L) V8 4.00" (101.6mm) Chevrolet	1968	23
C20 Suburban	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1986-1969	26
C20 Suburban	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet LPG	1974	30
C20 Suburban	379 CID (6.2L) V8 3.98" (101.0mm) DIESEL	1986-1982	36
C20 Suburban	396 CID (6.5L) V8 4.09" (103.9mm) Chevrolet	1969-1968	39
C20 Suburban	400 CID (6.6L) V8 4.13" (104.8mm) Chevrolet	1980-1976	41
C20 Suburban	402 CID (6.6L) V8 4.13" (104.8mm) Chevrolet	1972-1970	42
C20 Suburban	454 CID (7.4L) V8 4.25" (108.0mm) Chevrolet	1986-1973	45
C25	250 CID (4.1L) L6 3.88" (98.4mm) Chevrolet	1978-1977, 1975	10
C25	292 CID (4.8L) L6 3.88" (98.4mm) Chevrolet	1978-1975	15
C25	305 CID (5.0L) V8 3.74" (94.9mm) Chevrolet	1978-1977	18
C25	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1978-1975	26
C25	400 CID (6.6L) V8 4.13" (104.8mm) Chevrolet	1978-1976	41
C25	454 CID (7.4L) V8 4.25" (108.0mm) Chevrolet	1978-1975	45
C25 Suburban	292 CID (4.8L) L6 3.88" (98.4mm) Chevrolet	1978-1975	15
C25 Suburban	305 CID (5.0L) V8 3.74" (94.9mm) Chevrolet	1978-1977	18
C25 Suburban	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1978-1975	26
C25 Suburban	400 CID (6.6L) V8 4.13" (104.8mm) Chevrolet	1978	41
C25 Suburban	454 CID (7.4L) V8 4.25" (108.0mm) Chevrolet	1978-1975	45
C25/C2500 Pickup	250 CID (4.1L) L6 3.88" (98.4mm) Chevrolet	1974-1966	10
C25/C2500 Pickup	283 CID (4.6L) V8 3.88" (98.6mm) Chevrolet	1967	14
C25/C2500 Pickup	292 CID (4.8L) L6 3.88" (98.4mm) Chevrolet	1974-1966	15
C25/C2500 Pickup	292 CID (4.8L) L6 3.88" (98.4mm) Chevrolet LPG	1974	16
C25/C2500 Pickup	307 CID (5.0L) V8 3.88" (98.6mm) Chevrolet	1973-1968	20
C25/C2500 Pickup	327 CID (5.4L) V8 4.00" (101.6mm) Chevrolet	1968-1967	23
C25/C2500 Pickup	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1974-1969	26
C25/C2500 Pickup	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet LPG	1974	30
C25/C2500 Pickup	396 CID (6.5L) V8 4.09" (103.9mm) Chevrolet	1969-1968	39
C25/C2500 Pickup	402 CID (6.6L) V8 4.13" (104.8mm) Chevrolet	1972-1970	42
C25/C2500 Pickup	454 CID (7.4L) V8 4.25" (108.0mm) Chevrolet	1974-1973	45
C25/C2500 Suburban	250 CID (4.1L) L6 3.88" (98.4mm) Chevrolet	1974-1968	10
C25/C2500 Suburban	292 CID (4.8L) L6 3.88" (98.4mm) Chevrolet	1974-1968	15
C25/C2500 Suburban	307 CID (5.0L) V8 3.88" (98.6mm) Chevrolet	1973-1968	20
C25/C2500 Suburban	327 CID (5.4L) V8 4.00" (101.6mm) Chevrolet	1968	23
C25/C2500 Suburban	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1974, 1972-1969	26
C25/C2500 Suburban	396 CID (6.5L) V8 4.09" (103.9mm) Chevrolet	1969-1968	39
C25/C2500 Suburban	402 CID (6.6L) V8 4.13" (104.8mm) Chevrolet	1972-1970	42
C25/C2500 Suburban	454 CID (7.4L) V8 4.25" (108.0mm) Chevrolet	1974	45
C2500	250 CID (4.1L) L6 3.88" (98.4mm) Chevrolet	1984-1979	10
C2500	262 CID (4.3L) V6 4.00" (101.6mm) Chevrolet	1995-1988, 1986-1985	12

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MODEL	ENGINE	YEAR	BLOCK
C2500	292 CID (4.8L) L6 3.88" (98.4mm) Chevrolet	1986-1979	15
C2500	305 CID (5.0L) V8 3.74" (94.9mm) Chevrolet	1995-1988, 1986-1979	18
C2500	305 CID (5.0L) V8 3.74" (94.9mm) Vortec	1998-1996	19
C2500	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet CNG	1993-1992	24
C2500	350 CID (5.7L) V8 4.00" (101.6mm) Vortec CNG	2000-1997	25
C2500	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1995-1988, 1986-1979	26
C2500	350 CID (5.7L) V8 4.00" (101.6mm) Vortec	2000-1997	29
C2500	379 CID (6.2L) V8 3.98" (101.0mm) DIESEL	1993-1988, 1986-1982	36
C2500	395 CID (6.5L) V8 4.06" (103.0mm) DIESEL	2000-1992	37
C2500	400 CID (6.6L) V8 4.13" (104.8mm) Chevrolet	1979	41
C2500	454 CID (7.4L) V8 4.25" (108.0mm) Chevrolet	1986-1979	45
C2500	454 CID (7.4L) V8 4.25" (108.0mm)	1995-1991	46
C2500	454 CID (7.4L) V8 4.25" (108.0mm) Vortec	1999-1996	48
C2500 Suburban	292 CID (4.8L) L6 3.88" (98.4mm) Chevrolet	1986-1984, 1982-1979	15
C2500 Suburban	305 CID (5.0L) V8 3.74" (94.9mm) Chevrolet	1986-1982	18
C2500 Suburban	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1995-1992, 1986-1979	26
C2500 Suburban	350 CID (5.7L) V8 4.00" (101.6mm) Vortec	1999-1997	29
C2500 Suburban	379 CID (6.2L) V8 3.98" (101.0mm) DIESEL	1986-1982	36
C2500 Suburban	395 CID (6.5L) V8 4.06" (103.0mm) DIESEL	1999-1994	37
C2500 Suburban	400 CID (6.6L) V8 4.13" (104.8mm) Chevrolet	1980	41
C2500 Suburban	454 CID (7.4L) V8 4.25" (108.0mm) Chevrolet	1986-1979	45
C2500 Suburban	454 CID (7.4L) V8 4.25" (108.0mm)	1995-1992	46
C2500 Suburban	454 CID (7.4L) V8 4.25" (108.0mm) Vortec	1999-1996	48
C30	250 CID (4.1L) L6 3.88" (98.4mm) Chevrolet	1980-1978, 1975	10
C30	292 CID (4.8L) L6 3.88" (98.4mm) Chevrolet	1986-1975	15
C30	305 CID (5.0L) V8 3.74" (94.9mm) Chevrolet	1986, 1979-1978	18
C30	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1986-1975	26
C30	379 CID (6.2L) V8 3.98" (101.0mm) DIESEL	1986-1982	36
C30	400 CID (6.6L) V8 4.13" (104.8mm) Chevrolet	1979-1976	41
C30	454 CID (7.4L) V8 4.25" (108.0mm) Chevrolet	1986-1975	45
C30 Panel	235 CID (3.9L) L6 3.56" (90.4mm) Chevrolet	1962-1960	9
C30 Panel	250 CID (4.1L) L6 3.88" (98.4mm) Chevrolet	1966	10
C30 Pickup	235 CID (3.9L) L6 3.56" (90.4mm) Chevrolet	1962-1961	9
C30 Pickup	250 CID (4.1L) L6 3.88" (98.4mm) Chevrolet	1974-1966	10
C30 Pickup	283 CID (4.6L) V8 3.88" (98.6mm) Chevrolet	1967-1961	14
C30 Pickup	292 CID (4.8L) L6 3.88" (98.4mm) Chevrolet	1974-1963	15
C30 Pickup	292 CID (4.8L) L6 3.88" (98.4mm) Chevrolet LPG	1974	16
C30 Pickup	307 CID (5.0L) V8 3.88" (98.6mm) Chevrolet	1973-1968	20
C30 Pickup	327 CID (5.4L) V8 4.00" (101.6mm) Chevrolet	1968-1964, 1962	23
C30 Pickup	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1974-1969	26
C30 Pickup	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet LPG	1974	30
C30 Pickup	366 CID (6.0L) V8 3.94" (100.1mm) Chevrolet	1966	33
C30 Pickup	396 CID (6.5L) V8 4.09" (103.9mm) Chevrolet	1969-1968	39
C30 Pickup	402 CID (6.6L) V8 4.13" (104.8mm) Chevrolet	1972-1970	42
C30 Pickup	454 CID (7.4L) V8 4.25" (108.0mm) Chevrolet	1974-1973	45
C35	250 CID (4.1L) L6 3.88" (98.4mm) Chevrolet	1978, 1975	10
C35	292 CID (4.8L) L6 3.88" (98.4mm) Chevrolet	1978-1975	15
C35	305 CID (5.0L) V8 3.74" (94.9mm) Chevrolet	1978	18
C35	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1978-1975	26
C35	400 CID (6.6L) V8 4.13" (104.8mm) Chevrolet	1978-1976	41
C35	454 CID (7.4L) V8 4.25" (108.0mm) Chevrolet	1978-1975	45
C35/C3500 Pickup	250 CID (4.1L) L6 3.88" (98.4mm) Chevrolet	1974-1967	10
C35/C3500 Pickup	283 CID (4.6L) V8 3.88" (98.6mm) Chevrolet	1967	14
C35/C3500 Pickup	292 CID (4.8L) L6 3.88" (98.4mm) Chevrolet	1974-1967	15
C35/C3500 Pickup	292 CID (4.8L) L6 3.88" (98.4mm) Chevrolet LPG	1974	16

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MODEL	ENGINE	YEAR	BLOCK
C35/C3500 Pickup	307 CID (5.0L) V8 3.88" (98.6mm) Chevrolet	1973-1968	20
C35/C3500 Pickup	327 CID (5.4L) V8 4.00" (101.6mm) Chevrolet	1968-1967	23
C35/C3500 Pickup	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1974-1969	26
C35/C3500 Pickup	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet LPG	1974	30
C35/C3500 Pickup	396 CID (6.5L) V8 4.09" (103.9mm) Chevrolet	1969-1968	39
C35/C3500 Pickup	402 CID (6.6L) V8 4.13" (104.8mm) Chevrolet	1972-1970	42
C35/C3500 Pickup	454 CID (7.4L) V8 4.25" (108.0mm) Chevrolet	1974-1973	45
C3500	250 CID (4.1L) L6 3.88" (98.4mm) Chevrolet	1980-1979	10
C3500	292 CID (4.8L) L6 3.88" (98.4mm) Chevrolet	1986-1979	15
C3500	305 CID (5.0L) V8 3.74" (94.9mm) Chevrolet	1986	18
C3500	350 CID (5.7L) V8 4.00" (101.6mm) Vortec CNG	1999-1997	25
C3500	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1995-1988, 1986-1979	26
C3500	350 CID (5.7L) V8 4.00" (101.6mm) Vortec	2000-1997	29
C3500	379 CID (6.2L) V8 3.98" (101.0mm) DIESEL	1993-1988, 1986-1982	36
C3500	395 CID (6.5L) V8 4.06" (103.0mm) DIESEL	2002-1992	37
C3500	400 CID (6.6L) V8 4.13" (104.8mm) Chevrolet	1979	41
C3500	454 CID (7.4L) V8 4.25" (108.0mm) Chevrolet	1986-1979	45
C3500	454 CID (7.4L) V8 4.25" (108.0mm)	1995-1988	46
C3500	454 CID (7.4L) V8 4.25" (108.0mm) Vortec	1999-1996	48
C3500	496 CID (8.1L) V8 4.25" (108.0mm) Vortec	2002-2001	50
C4500 Kodiak	496 CID (8.1L) V8 4.25" (108.0mm) Vortec L18	2004-2003	51
C4500 Topkick	496 CID (8.1L) V8 4.25" (108.0mm) Vortec L18	2004-2003	51
C50	292 CID (4.8L) L6 3.88" (98.4mm) Chevrolet	1986-1980	15
C50	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet LF5	1990-1980	27
C5000	292 CID (4.8L) L6 3.88" (98.4mm) Chevrolet	1986-1980	15
C5000	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet LF5	1990-1980	27
C5000 Topkick	366 CID (6.0L) V8 3.94" (100.1mm) Chevrolet LS0	1991	35
C5500 Kodiak	366 CID (6.0L) V8 3.94" (100.1mm) Chevrolet LS0	1991	35
C5500 Kodiak	496 CID (8.1L) V8 4.25" (108.0mm) Vortec L18	2004-2003	51
C5500 Topkick	496 CID (8.1L) V8 4.25" (108.0mm) Vortec L18	2004-2003	51
C60	292 CID (4.8L) L6 3.88" (98.4mm) Chevrolet	1986-1980	15
C60	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet LF5	1990-1980	27
C60	366 CID (6.0L) V8 3.94" (100.1mm) Chevrolet L86	1984-1980	34
C60	427 CID (7.0L) V8 4.13" (104.8mm) L43	1990	43
C60 Kodiak	366 CID (6.0L) V8 3.94" (100.1mm) Chevrolet LS0	1993-1991	35
C60 Kodiak	427 CID (7.0L) V8 4.13" (104.8mm) LR0	1996-1990	44
C6000	292 CID (4.8L) L6 3.88" (98.4mm) Chevrolet	1986-1980	15
C6000	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet LF5	1990-1980	27
C6000	366 CID (6.0L) V8 3.94" (100.1mm) Chevrolet L86	1984-1980	34
C6000	427 CID (7.0L) V8 4.13" (104.8mm) L43	1990	43
C6000 Topkick	366 CID (6.0L) V8 3.94" (100.1mm) Chevrolet LS0	1993-1991	35
C6000 Topkick	427 CID (7.0L) V8 4.13" (104.8mm) LR0	1996-1990	44
C6500 Kodiak	496 CID (8.1L) V8 4.25" (108.0mm) Vortec L18	2004-2003	51
C6500 Topkick	496 CID (8.1L) V8 4.25" (108.0mm) Vortec L18	2004-2003	51
C70	366 CID (6.0L) V8 3.94" (100.1mm) Chevrolet L86	1984-1980	34
C70	427 CID (7.0L) V8 4.13" (104.8mm) L43	1990-1980	43
C70	454 CID (7.4L) V8 4.25" (108.0mm) Chevrolet	1980	45
C70 Kodiak	366 CID (6.0L) V8 3.94" (100.1mm) Chevrolet LS0	1993-1991	35
C70 Kodiak	427 CID (7.0L) V8 4.13" (104.8mm) LR0	1996-1990	44
C7000	366 CID (6.0L) V8 3.94" (100.1mm) Chevrolet L86	1984-1980	34
C7000	427 CID (7.0L) V8 4.13" (104.8mm) L43	1990-1980	43
C7000	454 CID (7.4L) V8 4.25" (108.0mm) Chevrolet	1980	45
C7000 Topkick	366 CID (6.0L) V8 3.94" (100.1mm) Chevrolet LS0	1993-1991	35
C7000 Topkick	427 CID (7.0L) V8 4.13" (104.8mm) LR0	1996-1990	44
C7500 Kodiak	496 CID (8.1L) V8 4.25" (108.0mm) Vortec L18	2004-2003	51

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MODEL	ENGINE	YEAR	BLOCK
C7500 Topkick	496 CID (8.1L) V8 4.25" (108.0mm) Vortec L18	2004-2003	51
Caballero	231 CID (3.8L) V6 3.80" (96.5mm) Buick	1984-1978	8
Caballero	262 CID (4.3L) V6 4.00" (101.6mm) Chevrolet	1987-1985	12
Caballero	305 CID (5.0L) V8 3.74" (94.9mm) Chevrolet	1987-1978	18
Caballero	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1984-1983, 1979-1978	26
Canyon	169 CID (2.8L) DOHC L4 3.66" (92.96mm)	2006-2004	3
Canyon	211 CID (3.5L) DOHC L5 3.66" (92.96mm)	2006-2004	7
Colorado	169 CID (2.8L) DOHC L4 3.66" (92.96mm)	2006-2004	3
Colorado	211 CID (3.5L) DOHC L5 3.66" (92.96mm)	2006-2004	7
El Camino	231 CID (3.8L) V6 3.80" (96.5mm) Buick	1984-1978	8
El Camino	250 CID (4.1L) L6 3.88" (98.4mm) Chevrolet	1977-1967	10
El Camino	262 CID (4.3L) V6 4.00" (101.6mm) Chevrolet	1987-1985	12
El Camino	283 CID (4.6L) V8 3.88" (98.6mm) Chevrolet	1967-1964, 1960-1959	14
El Camino	305 CID (5.0L) V8 3.74" (94.9mm) Chevrolet	1987-1976	18
El Camino	307 CID (5.0L) V8 3.88" (98.6mm) Chevrolet	1973-1968	20
El Camino	327 CID (5.4L) V8 4.00" (101.6mm) Chevrolet	1968-1964	23
El Camino	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1984-1983, 1979-1969	26
El Camino	396 CID (6.5L) V8 4.09" (103.9mm) Chevrolet	1969-1966	39
El Camino	400 CID (6.6L) V8 4.13" (104.8mm) Chevrolet	1976-1974, 1970	41
El Camino	402 CID (6.6L) V8 4.13" (104.8mm) Chevrolet	1972-1971	42
El Camino	454 CID (7.4L) V8 4.25" (108.0mm) Chevrolet	1975-1970	45
Envoy	256 CID (4.2L) DOHC L6 3.66" (93.0mm) Vortec	2005-2002	11
Envoy	323 CID (5.3L) V8 3.78" (96.0mm) Vortec	2004-2003	21
Escalade	325 CID (5.3L) V8 3.78" (96.0mm) Vortec	2004-2002	22
Escalade	350 CID (5.7L) V8 4.00" (101.6mm) Vortec	2000-1999	29
Escalade	364 CID (6.0L) V8 4.00" (101.6mm) Vortec	2005-2002	32
Express 1500	262 CID (4.3L) V6 4.00" (101.6mm) Vortec	2002-1996	13
Express 1500	305 CID (5.0L) V8 3.74" (94.9mm) Vortec	2002-1996	19
Express 1500	323 CID (5.3L) V8 3.78" (96.0mm) Vortec	2004-2003	21
Express 1500	350 CID (5.7L) V8 4.00" (101.6mm) Vortec	2002-1997	29
Express 2500	262 CID (4.3L) V6 4.00" (101.6mm) Vortec	2002-1996	13
Express 2500	294 CID (4.8L) V8 3.78" (96.0mm) Vortec	2004-2003	17
Express 2500	305 CID (5.0L) V8 3.74" (94.9mm) Chevrolet	1996	18
Express 2500	305 CID (5.0L) V8 3.74" (94.9mm) Vortec	2002-1996	19
Express 2500	323 CID (5.3L) V8 3.78" (96.0mm) Vortec	2004-2003	21
Express 2500	350 CID (5.7L) V8 4.00" (101.6mm) Vortec CNG	2001	25
Express 2500	350 CID (5.7L) V8 4.00" (101.6mm) Vortec	2002-1997	29
Express 2500	364 CID (6.0L) V8 4.00" (101.6mm) Vortec CNG	2004-2003	31
Express 2500	364 CID (6.0L) V8 4.00" (101.6mm) Vortec	2005-2003	32
Express 2500	395 CID (6.5L) V8 4.06" (103.0mm) DIESEL	2002-1996	37
Express 3500	350 CID (5.7L) V8 4.00" (101.6mm) Vortec CNG	2001	25
Express 3500	350 CID (5.7L) V8 4.00" (101.6mm) Vortec	2002-1997	29
Express 3500	364 CID (6.0L) V8 4.00" (101.6mm) Vortec CNG	2004-2003	31
Express 3500	364 CID (6.0L) V8 4.00" (101.6mm) Vortec	2005-2003	32
Express 3500	395 CID (6.5L) V8 4.06" (103.0mm) DIESEL	2002-1996	37
Express 3500	454 CID (7.4L) V8 4.25" (108.0mm) Vortec	1999-1996	48
Express 3500	496 CID (8.1L) V8 4.25" (108.0mm) Vortec	2002-2001	50
G10	250 CID (4.1L) L6 3.88" (98.4mm) Chevrolet	1984-1975	10
G10	262 CID (4.3L) V6 4.00" (101.6mm) Chevrolet	1995-1985	12
G10	305 CID (5.0L) V8 3.74" (94.9mm) Chevrolet	1995-1977	18
G10	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1993-1975	26
G10	400 CID (6.6L) V8 4.13" (104.8mm) Chevrolet	1976	41
G10 Van	250 CID (4.1L) L6 3.88" (98.4mm) Chevrolet	1974-1967	10
G10 Van	307 CID (5.0L) V8 3.88" (98.6mm) Chevrolet	1973-1968	20
G10 Van	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1974-1970	26

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MODEL	ENGINE	YEAR	BLOCK
G10 Van	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet LPG	1974	30
G10 Van	454 CID (7.4L) V8 4.25" (108.0mm) Chevrolet	1974-1973	45
G15	250 CID (4.1L) L6 3.88" (98.4mm) Chevrolet	1978-1975	10
G15	305 CID (5.0L) V8 3.74" (94.9mm) Chevrolet	1978-1977	18
G15	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1978-1975	26
G15	400 CID (6.6L) V8 4.13" (104.8mm) Chevrolet	1976	41
G15/G1500 Van	250 CID (4.1L) L6 3.88" (98.4mm) Chevrolet	1974-1967	10
G15/G1500 Van	283 CID (4.6L) V8 3.88" (98.6mm) Chevrolet	1967	14
G15/G1500 Van	307 CID (5.0L) V8 3.88" (98.6mm) Chevrolet	1973-1968	20
G15/G1500 Van	327 CID (5.4L) V8 4.00" (101.6mm) Chevrolet	1967	23
G15/G1500 Van	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1974-1971	26
G1500	250 CID (4.1L) L6 3.88" (98.4mm) Chevrolet	1984-1979	10
G1500	262 CID (4.3L) V6 4.00" (101.6mm) Chevrolet	1995-1985	12
G1500	305 CID (5.0L) V8 3.74" (94.9mm) Chevrolet	1995-1979	18
G1500	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1993-1979	26
G1500	400 CID (6.6L) V8 4.13" (104.8mm) Chevrolet	1979	41
G1500	454 CID (7.4L) V8 4.25" (108.0mm) Chevrolet	1979	45
G20	250 CID (4.1L) L6 3.88" (98.4mm) Chevrolet	1984-1975	10
G20	262 CID (4.3L) V6 4.00" (101.6mm) Chevrolet	1995-1985	12
G20	292 CID (4.8L) L6 3.88" (98.4mm) Chevrolet	1980-1975	15
G20	305 CID (5.0L) V8 3.74" (94.9mm) Chevrolet	1995-1977	18
G20	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1995-1975	26
G20	379 CID (6.2L) V8 3.98" (101.0mm) DIESEL	1993-1983	36
G20	395 CID (6.5L) V8 4.06" (103.0mm) DIESEL	1995-1994	37
G20	400 CID (6.6L) V8 4.13" (104.8mm) Chevrolet	1980-1975	41
G20	454 CID (7.4L) V8 4.25" (108.0mm) Chevrolet	1976	45
G20 Van	250 CID (4.1L) L6 3.88" (98.4mm) Chevrolet	1974-1968	10
G20 Van	292 CID (4.8L) L6 3.88" (98.4mm) Chevrolet	1974-1973, 1971	15
G20 Van	292 CID (4.8L) L6 3.88" (98.4mm) Chevrolet LPG	1974	16
G20 Van	307 CID (5.0L) V8 3.88" (98.6mm) Chevrolet	1970-1968	20
G20 Van	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1974-1970	26
G20 Van	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet LPG	1974	30
G20 Van	454 CID (7.4L) V8 4.25" (108.0mm) Chevrolet	1974-1973	45
G25	250 CID (4.1L) L6 3.88" (98.4mm) Chevrolet	1978	10
G25	292 CID (4.8L) L6 3.88" (98.4mm) Chevrolet	1978-1975	15
G25	305 CID (5.0L) V8 3.74" (94.9mm) Chevrolet	1978-1977	18
G25	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1978-1975	26
G25	400 CID (6.6L) V8 4.13" (104.8mm) Chevrolet	1978-1975	41
G25	454 CID (7.4L) V8 4.25" (108.0mm) Chevrolet	1976-1975	45
G25/G2500 Van	250 CID (4.1L) L6 3.88" (98.4mm) Chevrolet	1974-1967	10
G25/G2500 Van	283 CID (4.6L) V8 3.88" (98.6mm) Chevrolet	1967	14
G25/G2500 Van	292 CID (4.8L) L6 3.88" (98.4mm) Chevrolet	1974	15
G25/G2500 Van	307 CID (5.0L) V8 3.88" (98.6mm) Chevrolet	1973-1968	20
G25/G2500 Van	327 CID (5.4L) V8 4.00" (101.6mm) Chevrolet	1967	23
G25/G2500 Van	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1974-1970	26
G2500	250 CID (4.1L) L6 3.88" (98.4mm) Chevrolet	1984-1979	10
G2500	262 CID (4.3L) V6 4.00" (101.6mm) Chevrolet	1995-1985	12
G2500	305 CID (5.0L) V8 3.74" (94.9mm) Chevrolet	1995-1979	18
G2500	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1995-1979	26
G2500	379 CID (6.2L) V8 3.98" (101.0mm) DIESEL	1993-1983	36
G2500	395 CID (6.5L) V8 4.06" (103.0mm) DIESEL	1995-1994	37
G2500	400 CID (6.6L) V8 4.13" (104.8mm) Chevrolet	1980-1979	41
G30	250 CID (4.1L) L6 3.88" (98.4mm) Chevrolet	1984-1981, 1979-1978 1976	10
G30	262 CID (4.3L) V6 4.00" (101.6mm) Chevrolet	1996-1985	12

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MODEL	ENGINE	YEAR	BLOCK
G30	292 CID (4.8L) L6 3.88" (98.4mm) Chevrolet	1979-1975	15
G30	305 CID (5.0L) V8 3.74" (94.9mm) Chevrolet	1985, 1982 1979-1978	18
G30	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet CNG	1996-1995	24
G30	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1996-1975	26
G30	379 CID (6.2L) V8 3.98" (101.0mm) DIESEL	1993-1983	36
G30	395 CID (6.5L) V8 4.06" (103.0mm) DIESEL	1996-1994	37
G30	400 CID (6.6L) V8 4.13" (104.8mm) Chevrolet	1980-1975	41
G30	454 CID (7.4L) V8 4.25" (108.0mm) Chevrolet	1976-1975	45
G30	454 CID (7.4L) V8 4.25" (108.0mm)	1996-1988	46
G30 Van	250 CID (4.1L) L6 3.88" (98.4mm) Chevrolet	1974-1970	10
G30 Van	292 CID (4.8L) L6 3.88" (98.4mm) Chevrolet	1974, 1972-1971	15
G30 Van	292 CID (4.8L) L6 3.88" (98.4mm) Chevrolet LPG	1974	16
G30 Van	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1974-1970	26
G30 Van	454 CID (7.4L) V8 4.25" (108.0mm) Chevrolet	1974-1973	45
G35	250 CID (4.1L) L6 3.88" (98.4mm) Chevrolet	1978	10
G35	292 CID (4.8L) L6 3.88" (98.4mm) Chevrolet	1978-1975	15
G35	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1978-1975	26
G35	400 CID (6.6L) V8 4.13" (104.8mm) Chevrolet	1978-1975	41
G35	454 CID (7.4L) V8 4.25" (108.0mm) Chevrolet	1976	45
G35/G3500 Van	250 CID (4.1L) L6 3.88" (98.4mm) Chevrolet	1974-1971	10
G35/G3500 Van	292 CID (4.8L) L6 3.88" (98.4mm) Chevrolet	1974	15
G35/G3500 Van	327 CID (5.4L) V8 4.00" (101.6mm) Chevrolet	1967	23
G35/G3500 Van	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1974-1971	26
G3500	250 CID (4.1L) L6 3.88" (98.4mm) Chevrolet	1984-1982, 1979	10
G3500	262 CID (4.3L) V6 4.00" (101.6mm) Chevrolet	1996-1985	12
G3500	305 CID (5.0L) V8 3.74" (94.9mm) Chevrolet	1981	18
G3500	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet CNG	1996-1995	24
G3500	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1996-1979	26
G3500	350 CID (5.7L) V8 3.88" (98.4mm) Pontiac	1984	28
G3500	379 CID (6.2L) V8 3.98" (101.0mm) DIESEL	1993-1983	36
G3500	395 CID (6.5L) V8 4.06" (103.0mm) DIESEL	1996-1994	37
G3500	400 CID (6.6L) V8 4.13" (104.8mm) Chevrolet	1980-1979	41
G3500	454 CID (7.4L) V8 4.25" (108.0mm) Chevrolet	1979	45
G3500	454 CID (7.4L) V8 4.25" (108.0mm)	1996-1988	46
Jimmy	250 CID (4.1L) L6 3.88" (98.4mm) Chevrolet	1982-1970	10
Jimmy	262 CID (4.3L) V6 4.00" (101.6mm) Chevrolet	1994-1992	12
Jimmy	262 CID (4.3L) V6 4.00" (101.6mm) Vortec	2002-1992	13
Jimmy	292 CID (4.8L) L6 3.88" (98.4mm) Chevrolet	1973	15
Jimmy	305 CID (5.0L) V8 3.74" (94.9mm) Chevrolet	1987-1977	18
Jimmy	307 CID (5.0L) V8 3.88" (98.6mm) Chevrolet	1972-1970	20
Jimmy	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1991-1970	26
Jimmy	379 CID (6.2L) V8 3.98" (101.0mm) DIESEL	1991-1982	36
Jimmy	400 CID (6.6L) V8 4.13" (104.8mm) Chevrolet	1979-1975	41
Jimmy	454 CID (7.4L) V8 4.25" (108.0mm) Chevrolet	1976, 1973	45
K10	250 CID (4.1L) L6 3.88" (98.4mm) Chevrolet	1984-1975	10
K10	262 CID (4.3L) V6 4.00" (101.6mm) Chevrolet	1986-1985	12
K10	292 CID (4.8L) L6 3.88" (98.4mm) Chevrolet	1980-1979, 1976-1975	15
K10	305 CID (5.0L) V8 3.74" (94.9mm) Chevrolet	1986-1981, 1979-1977	18
K10	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1986-1975	26
K10	379 CID (6.2L) V8 3.98" (101.0mm) DIESEL	1986-1982	36
K10	400 CID (6.6L) V8 4.13" (104.8mm) Chevrolet	1980-1975	41
K10	454 CID (7.4L) V8 4.25" (108.0mm) Chevrolet	1980-1979, 1976	45
K10 Pickup	235 CID (3.9L) L6 3.56" (90.4mm) Chevrolet	1962-1961	9
K10 Pickup	250 CID (4.1L) L6 3.88" (98.4mm) Chevrolet	1974-1966	10

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# MAHLE

MODEL	ENGINE	YEAR	BLOCK
K10 Pickup	283 CID (4.6L) V8 3.88" (98.6mm) Chevrolet	1967-1961	14
K10 Pickup	292 CID (4.8L) L6 3.88" (98.4mm) Chevrolet	1973-1972, 1970-1969 1966-1964	15
K10 Pickup	307 CID (5.0L) V8 3.88" (98.6mm) Chevrolet	1973-1968	20
K10 Pickup	327 CID (5.4L) V8 4.00" (101.6mm) Chevrolet	1968-1964, 1962	23
K10 Pickup	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1974-1969	26
K10 Pickup	396 CID (6.5L) V8 4.09" (103.9mm) Chevrolet	1969-1968	39
K10 Pickup	454 CID (7.4L) V8 4.25" (108.0mm) Chevrolet	1974	45
K10 Suburban	250 CID (4.1L) L6 3.88" (98.4mm) Chevrolet	1980-1968	10
K10 Suburban	292 CID (4.8L) L6 3.88" (98.4mm) Chevrolet	1970-1969	15
K10 Suburban	305 CID (5.0L) V8 3.74" (94.9mm) Chevrolet	1986-1976	18
K10 Suburban	307 CID (5.0L) V8 3.88" (98.6mm) Chevrolet	1973-1968	20
K10 Suburban	327 CID (5.4L) V8 4.00" (101.6mm) Chevrolet	1968	23
K10 Suburban	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1986-1969	26
K10 Suburban	379 CID (6.2L) V8 3.98" (101.0mm) DIESEL	1986-1982	36
K10 Suburban	396 CID (6.5L) V8 4.09" (103.9mm) Chevrolet	1969-1968	39
K10 Suburban	400 CID (6.6L) V8 4.13" (104.8mm) Chevrolet	1979-1975	41
K10 Suburban	402 CID (6.6L) V8 4.13" (104.8mm) Chevrolet	1972-1970	42
K15	250 CID (4.1L) L6 3.88" (98.4mm) Chevrolet	1978-1975	10
K15	292 CID (4.8L) L6 3.88" (98.4mm) Chevrolet	1976-1975	15
K15	305 CID (5.0L) V8 3.74" (94.9mm) Chevrolet	1978-1976	18
K15	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1978-1975	26
K15	400 CID (6.6L) V8 4.13" (104.8mm) Chevrolet	1978-1975	41
K15	454 CID (7.4L) V8 4.25" (108.0mm) Chevrolet	1976	45
K15 Suburban	250 CID (4.1L) L6 3.88" (98.4mm) Chevrolet	1978-1975	10
K15 Suburban	305 CID (5.0L) V8 3.74" (94.9mm) Chevrolet	1978-1976	18
K15 Suburban	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1978-1975	26
K15 Suburban	400 CID (6.6L) V8 4.13" (104.8mm) Chevrolet	1978-1975	41
K15/K1500 Pickup	250 CID (4.1L) L6 3.88" (98.4mm) Chevrolet	1974-1966	10
K15/K1500 Pickup	283 CID (4.6L) V8 3.88" (98.6mm) Chevrolet	1967	14
K15/K1500 Pickup	292 CID (4.8L) L6 3.88" (98.4mm) Chevrolet	1971-1970, 1968-1966	15
K15/K1500 Pickup	292 CID (4.8L) L6 3.88" (98.4mm) Chevrolet LPG	1974	16
K15/K1500 Pickup	307 CID (5.0L) V8 3.88" (98.6mm) Chevrolet	1971-1968	20
K15/K1500 Pickup	327 CID (5.4L) V8 4.00" (101.6mm) Chevrolet	1968-1967	23
K15/K1500 Pickup	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1974-1969	26
K15/K1500 Pickup	396 CID (6.5L) V8 4.09" (103.9mm) Chevrolet	1969-1968	39
K15/K1500 Suburban	250 CID (4.1L) L6 3.88" (98.4mm) Chevrolet	1974-1968	10
K15/K1500 Suburban	292 CID (4.8L) L6 3.88" (98.4mm) Chevrolet	1971-1970, 1968	15
K15/K1500 Suburban	307 CID (5.0L) V8 3.88" (98.6mm) Chevrolet	1973-1970, 1968	20
K15/K1500 Suburban	327 CID (5.4L) V8 4.00" (101.6mm) Chevrolet	1968	23
K15/K1500 Suburban	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1974-1969	26
K15/K1500 Suburban	396 CID (6.5L) V8 4.09" (103.9mm) Chevrolet	1968	39
K15/K1500 Suburban	402 CID (6.6L) V8 4.13" (104.8mm) Chevrolet	1972-1970	42
K1500	250 CID (4.1L) L6 3.88" (98.4mm) Chevrolet	1984-1979	10
K1500	262 CID (4.3L) V6 4.00" (101.6mm) Chevrolet	1995-1988, 1986-1985	12
K1500	262 CID (4.3L) V6 4.00" (101.6mm) Vortec	1998-1996	13
K1500	292 CID (4.8L) L6 3.88" (98.4mm) Chevrolet	1980-1979	15
K1500	305 CID (5.0L) V8 3.74" (94.9mm) Chevrolet	1995-1988, 1986-1981 1979	18
K1500	305 CID (5.0L) V8 3.74" (94.9mm) Vortec	1999-1996	19
K1500	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1995-1988, 1986-1979	26
K1500	350 CID (5.7L) V8 4.00" (101.6mm) Vortec	1999-1997	29
K1500	379 CID (6.2L) V8 3.98" (101.0mm) DIESEL	1993-1988, 1986-1982	36
K1500	395 CID (6.5L) V8 4.06" (103.0mm) DIESEL	1998-1994	37
K1500	400 CID (6.6L) V8 4.13" (104.8mm) Chevrolet	1980-1979	41

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MODEL	ENGINE	YEAR	BLOCK
K1500	454 CID (7.4L) V8 4.25" (108.0mm) Chevrolet	1980-1979	45
K1500 Suburban	250 CID (4.1L) L6 3.88" (98.4mm) Chevrolet	1980-1979	10
K1500 Suburban	305 CID (5.0L) V8 3.74" (94.9mm) Chevrolet	1985-1982, 1979	18
K1500 Suburban	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1995-1992, 1986-1979	26
K1500 Suburban	350 CID (5.7L) V8 4.00" (101.6mm) Vortec	1999-1997	29
K1500 Suburban	379 CID (6.2L) V8 3.98" (101.0mm) DIESEL	1986-1982	36
K1500 Suburban	395 CID (6.5L) V8 4.06" (103.0mm) DIESEL	1999-1995	37
K1500 Suburban	400 CID (6.6L) V8 4.13" (104.8mm) Chevrolet	1980-1979	41
K20	250 CID (4.1L) L6 3.88" (98.4mm) Chevrolet	1980-1978, 1976-1975	10
K20	262 CID (4.3L) V6 4.00" (101.6mm) Chevrolet	1985	12
K20	292 CID (4.8L) L6 3.88" (98.4mm) Chevrolet	1986-1975	15
K20	305 CID (5.0L) V8 3.74" (94.9mm) Chevrolet	1985, 1980 1978-1977	18
K20	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1986-1975	26
K20	379 CID (6.2L) V8 3.98" (101.0mm) DIESEL	1986-1982	36
K20	400 CID (6.6L) V8 4.13" (104.8mm) Chevrolet	1980-1975	41
K20	454 CID (7.4L) V8 4.25" (108.0mm) Chevrolet	1980, 1978-1976	45
K20 Panel	250 CID (4.1L) L6 3.88" (98.4mm) Chevrolet	1967	10
K20 Pickup	235 CID (3.9L) L6 3.56" (90.4mm) Chevrolet	1962-1961	9
K20 Pickup	250 CID (4.1L) L6 3.88" (98.4mm) Chevrolet	1974-1966	10
K20 Pickup	283 CID (4.6L) V8 3.88" (98.6mm) Chevrolet	1967-1961	14
K20 Pickup	292 CID (4.8L) L6 3.88" (98.4mm) Chevrolet	1974-1969, 1967-1964	15
K20 Pickup	292 CID (4.8L) L6 3.88" (98.4mm) Chevrolet LPG	1974	16
K20 Pickup	307 CID (5.0L) V8 3.88" (98.6mm) Chevrolet	1973-1968	20
K20 Pickup	327 CID (5.4L) V8 4.00" (101.6mm) Chevrolet	1968-1964, 1962	23
K20 Pickup	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1974-1969	26
K20 Pickup	366 CID (6.0L) V8 3.94" (100.1mm) Chevrolet	1966	33
K20 Pickup	396 CID (6.5L) V8 4.09" (103.9mm) Chevrolet	1969-1968	39
K20 Pickup	454 CID (7.4L) V8 4.25" (108.0mm) Chevrolet	1974-1973	45
K20 Suburban	250 CID (4.1L) L6 3.88" (98.4mm) Chevrolet	1974-1968	10
K20 Suburban	292 CID (4.8L) L6 3.88" (98.4mm) Chevrolet	1982-1968	15
K20 Suburban	305 CID (5.0L) V8 3.74" (94.9mm) Chevrolet	1986-1985, 1978-1977	18
K20 Suburban	307 CID (5.0L) V8 3.88" (98.6mm) Chevrolet	1973-1968	20
K20 Suburban	327 CID (5.4L) V8 4.00" (101.6mm) Chevrolet	1968	23
K20 Suburban	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1986-1969	26
K20 Suburban	379 CID (6.2L) V8 3.98" (101.0mm) DIESEL	1986-1982	36
K20 Suburban	400 CID (6.6L) V8 4.13" (104.8mm) Chevrolet	1980-1975	41
K20 Suburban	454 CID (7.4L) V8 4.25" (108.0mm) Chevrolet	1985, 1973	45
K25	250 CID (4.1L) L6 3.88" (98.4mm) Chevrolet	1978, 1976-1975	10
K25	292 CID (4.8L) L6 3.88" (98.4mm) Chevrolet	1978-1975	15
K25	305 CID (5.0L) V8 3.74" (94.9mm) Chevrolet	1978-1977	18
K25	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1978-1975	26
K25	400 CID (6.6L) V8 4.13" (104.8mm) Chevrolet	1978-1975	41
K25	454 CID (7.4L) V8 4.25" (108.0mm) Chevrolet	1978-1976	45
K25 Suburban	292 CID (4.8L) L6 3.88" (98.4mm) Chevrolet	1978-1975	15
K25 Suburban	305 CID (5.0L) V8 3.74" (94.9mm) Chevrolet	1978-1977	18
K25 Suburban	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1978-1975	26
K25 Suburban	400 CID (6.6L) V8 4.13" (104.8mm) Chevrolet	1978-1975	41
K25 Suburban	454 CID (7.4L) V8 4.25" (108.0mm) Chevrolet	1977-1976	45
K25/K2500 Pickup	250 CID (4.1L) L6 3.88" (98.4mm) Chevrolet	1974-1967	10
K25/K2500 Pickup	283 CID (4.6L) V8 3.88" (98.6mm) Chevrolet	1967	14
K25/K2500 Pickup	292 CID (4.8L) L6 3.88" (98.4mm) Chevrolet	1974-1970, 1968-1967	15
K25/K2500 Pickup	292 CID (4.8L) L6 3.88" (98.4mm) Chevrolet LPG	1974	16
K25/K2500 Pickup	307 CID (5.0L) V8 3.88" (98.6mm) Chevrolet	1972-1968	20
K25/K2500 Pickup	327 CID (5.4L) V8 4.00" (101.6mm) Chevrolet	1968-1967	23

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MODEL	ENGINE	YEAR	BLOCK
K25/K2500 Pickup	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1974-1969	26
K25/K2500 Pickup	396 CID (6.5L) V8 4.09" (103.9mm) Chevrolet	1969-1968	39
K25/K2500 Pickup	454 CID (7.4L) V8 4.25" (108.0mm) Chevrolet	1974-1973	45
K25/K2500 Suburban	250 CID (4.1L) L6 3.88" (98.4mm) Chevrolet	1974-1968	10
K25/K2500 Suburban	292 CID (4.8L) L6 3.88" (98.4mm) Chevrolet	1974-1968	15
K25/K2500 Suburban	307 CID (5.0L) V8 3.88" (98.6mm) Chevrolet	1973-1968	20
K25/K2500 Suburban	327 CID (5.4L) V8 4.00" (101.6mm) Chevrolet	1968	23
K25/K2500 Suburban	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1974-1969	26
K25/K2500 Suburban	396 CID (6.5L) V8 4.09" (103.9mm) Chevrolet	1968	39
K2500	250 CID (4.1L) L6 3.88" (98.4mm) Chevrolet	1980	10
K2500	262 CID (4.3L) V6 4.00" (101.6mm) Chevrolet	1995-1988, 1985	12
K2500	292 CID (4.8L) L6 3.88" (98.4mm) Chevrolet	1986-1979	15
K2500	305 CID (5.0L) V8 3.74" (94.9mm) Chevrolet	1995-1988	18
K2500	305 CID (5.0L) V8 3.74" (94.9mm) Vortec	1998-1996	19
K2500	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet CNG	1993-1992	24
K2500	350 CID (5.7L) V8 4.00" (101.6mm) Vortec CNG	2000-1997	25
K2500	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1995-1988, 1986-1979	26
K2500	350 CID (5.7L) V8 4.00" (101.6mm) Vortec	2000-1997	29
K2500	379 CID (6.2L) V8 3.98" (101.0mm) DIESEL	1993-1988, 1986-1982	36
K2500	395 CID (6.5L) V8 4.06" (103.0mm) DIESEL	2000-1992	37
K2500	400 CID (6.6L) V8 4.13" (104.8mm) Chevrolet	1980-1979	41
K2500	454 CID (7.4L) V8 4.25" (108.0mm)	1995-1991	46
K2500	454 CID (7.4L) V8 4.25" (108.0mm) Vortec	1999-1996	48
K2500 Suburban	292 CID (4.8L) L6 3.88" (98.4mm) Chevrolet	1986-1984, 1982-1979	15
K2500 Suburban	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1995-1992, 1986-1979	26
K2500 Suburban	350 CID (5.7L) V8 4.00" (101.6mm) Vortec	1999-1997	29
K2500 Suburban	379 CID (6.2L) V8 3.98" (101.0mm) DIESEL	1986-1982	36
K2500 Suburban	395 CID (6.5L) V8 4.06" (103.0mm) DIESEL	1999-1994	37
K2500 Suburban	400 CID (6.6L) V8 4.13" (104.8mm) Chevrolet	1980-1979	41
K2500 Suburban	454 CID (7.4L) V8 4.25" (108.0mm)	1995-1992	46
K2500 Suburban	454 CID (7.4L) V8 4.25" (108.0mm) Vortec	1999-1996	48
K30	292 CID (4.8L) L6 3.88" (98.4mm) Chevrolet	1986-1977	15
K30	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1986-1977	26
K30	379 CID (6.2L) V8 3.98" (101.0mm) DIESEL	1986-1982	36
K30	400 CID (6.6L) V8 4.13" (104.8mm) Chevrolet	1980-1977	41
K30	454 CID (7.4L) V8 4.25" (108.0mm) Chevrolet	1986-1980, 1977	45
K30 Pickup	250 CID (4.1L) L6 3.88" (98.4mm) Chevrolet	1974-1968	10
K30 Pickup	292 CID (4.8L) L6 3.88" (98.4mm) Chevrolet	1974-1968	15
K30 Pickup	292 CID (4.8L) L6 3.88" (98.4mm) Chevrolet LPG	1974	16
K30 Pickup	307 CID (5.0L) V8 3.88" (98.6mm) Chevrolet	1973-1968	20
K30 Pickup	327 CID (5.4L) V8 4.00" (101.6mm) Chevrolet	1968	23
K30 Pickup	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1974-1969	26
K30 Pickup	396 CID (6.5L) V8 4.09" (103.9mm) Chevrolet	1969-1968	39
K30 Pickup	402 CID (6.6L) V8 4.13" (104.8mm) Chevrolet	1971-1970	42
K30 Pickup	454 CID (7.4L) V8 4.25" (108.0mm) Chevrolet	1974-1973	45
K35	292 CID (4.8L) L6 3.88" (98.4mm) Chevrolet	1978-1977	15
K35	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1978-1977	26
K35	400 CID (6.6L) V8 4.13" (104.8mm) Chevrolet	1978-1977	41
K35/K3500 Pickup	250 CID (4.1L) L6 3.88" (98.4mm) Chevrolet	1974-1968	10
K35/K3500 Pickup	292 CID (4.8L) L6 3.88" (98.4mm) Chevrolet	1974-1968	15
K35/K3500 Pickup	292 CID (4.8L) L6 3.88" (98.4mm) Chevrolet LPG	1974	16
K35/K3500 Pickup	307 CID (5.0L) V8 3.88" (98.6mm) Chevrolet	1973-1968	20
K35/K3500 Pickup	327 CID (5.4L) V8 4.00" (101.6mm) Chevrolet	1968-1967	23
K35/K3500 Pickup	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1974-1969	26
K35/K3500 Pickup	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet LPG	1974	30

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MODEL	ENGINE	YEAR	BLOCK
K35/K3500 Pickup	396 CID (6.5L) V8 4.09" (103.9mm) Chevrolet	1969-1968	39
K35/K3500 Pickup	402 CID (6.6L) V8 4.13" (104.8mm) Chevrolet	1971-1970	42
K35/K3500 Pickup	454 CID (7.4L) V8 4.25" (108.0mm) Chevrolet	1974-1973	45
K3500	292 CID (4.8L) L6 3.88" (98.4mm) Chevrolet	1986-1979	15
K3500	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1995-1988, 1986-1979	26
K3500	350 CID (5.7L) V8 4.00" (101.6mm) Vortec	2000-1997	29
K3500	379 CID (6.2L) V8 3.98" (101.0mm) DIESEL	1993-1988, 1986-1982	36
K3500	395 CID (6.5L) V8 4.06" (103.0mm) DIESEL	2000-1992	37
K3500	400 CID (6.6L) V8 4.13" (104.8mm) Chevrolet	1980-1979	41
K3500	454 CID (7.4L) V8 4.25" (108.0mm) Chevrolet	1986-1979	45
K3500	454 CID (7.4L) V8 4.25" (108.0mm)	1995-1988	46
K3500	454 CID (7.4L) V8 4.25" (108.0mm) Vortec	1999-1996	48
K5 Blazer	250 CID (4.1L) L6 3.88" (98.4mm) Chevrolet	1982-1975	10
K5 Blazer	305 CID (5.0L) V8 3.74" (94.9mm) Chevrolet	1986-1977	18
K5 Blazer	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1986-1975	26
K5 Blazer	379 CID (6.2L) V8 3.98" (101.0mm) DIESEL	1986-1982	36
K5 Blazer	400 CID (6.6L) V8 4.13" (104.8mm) Chevrolet	1979-1975	41
K5 Blazer	454 CID (7.4L) V8 4.25" (108.0mm) Chevrolet	1978-1976	45
LLV	134 CID (2.2L) L4 3.50" (89.0mm) Vortec	1995-1994	1
LLV	151 CID (2.5L) L4 4.00" (101.6mm) Pontiac	1993-1987	2
Lumina APV	189 CID (3.1L) V6 3.50" (89.0mm) Chevrolet	1994-1990	5
Lumina APV	207 CID (3.4L) V6 3.62" (92.0mm) Chevrolet	1996	6
Montana	207 CID (3.4L) V6 3.62" (92.0mm) Chevrolet	2005-1999	6
P10	292 CID (4.8L) L6 3.88" (98.4mm) Chevrolet	1980-1975	15
P10	305 CID (5.0L) V8 3.74" (94.9mm) Chevrolet	1979	18
P10	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1978-1977, 1975	26
P10	400 CID (6.6L) V8 4.13" (104.8mm) Chevrolet	1977	41
P10 Series	235 CID (3.9L) L6 3.56" (90.4mm) Chevrolet	1962	9
P10 Series	250 CID (4.1L) L6 3.88" (98.4mm) Chevrolet	1967	10
P10 Series	283 CID (4.6L) V8 3.88" (98.6mm) Chevrolet	1962	14
P10 Series	292 CID (4.8L) L6 3.88" (98.4mm) Chevrolet	1967	15
P10 Series	327 CID (5.4L) V8 4.00" (101.6mm) Chevrolet	1962	23
P10 Van	250 CID (4.1L) L6 3.88" (98.4mm) Chevrolet	1974-1968	10
P10 Van	307 CID (5.0L) V8 3.88" (98.6mm) Chevrolet	1973	20
P10 Van	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1973	26
P10 Van	454 CID (7.4L) V8 4.25" (108.0mm) Chevrolet	1973	45
P15	292 CID (4.8L) L6 3.88" (98.4mm) Chevrolet	1978-1975	15
P15/P1500 Van	250 CID (4.1L) L6 3.88" (98.4mm) Chevrolet	1974-1968	10
P15/P1500 Van	283 CID (4.6L) V8 3.88" (98.6mm) Chevrolet	1967	14
P15/P1500 Van	292 CID (4.8L) L6 3.88" (98.4mm) Chevrolet	1967	15
P15/P1500 Van	307 CID (5.0L) V8 3.88" (98.6mm) Chevrolet	1973-1970	20
P1500	292 CID (4.8L) L6 3.88" (98.4mm) Chevrolet	1980-1979	15
P1500	454 CID (7.4L) V8 4.25" (108.0mm) Chevrolet	1979	45
P20	292 CID (4.8L) L6 3.88" (98.4mm) Chevrolet	1989-1975	15
P20	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1989-1975	26
P20	379 CID (6.2L) V8 3.98" (101.0mm) DIESEL	1989-1982	36
P20	454 CID (7.4L) V8 4.25" (108.0mm) Chevrolet	1979, 1976	45
P20 Series	235 CID (3.9L) L6 3.56" (90.4mm) Chevrolet	1961-1960	9
P20 Series	250 CID (4.1L) L6 3.88" (98.4mm) Chevrolet	1966	10
P20 Series	283 CID (4.6L) V8 3.88" (98.6mm) Chevrolet	1962-1961	14
P20 Series	292 CID (4.8L) L6 3.88" (98.4mm) Chevrolet	1967-1964	15
P20 Series	327 CID (5.4L) V8 4.00" (101.6mm) Chevrolet	1962	23
P20 Series	366 CID (6.0L) V8 3.94" (100.1mm) Chevrolet	1967-1966	33
P20 Van	250 CID (4.1L) L6 3.88" (98.4mm) Chevrolet	1974-1970	10
P20 Van	292 CID (4.8L) L6 3.88" (98.4mm) Chevrolet	1974-1968	15

# GENERAL MOTORS TRUCK

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MODEL	ENGINE	YEAR	BLOCK
P20 Van	307 CID (5.0L) V8 3.88" (98.6mm) Chevrolet	1973, 1969-1968	20
P20 Van	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1974-1970	26
P20 Van	454 CID (7.4L) V8 4.25" (108.0mm) Chevrolet	1973, 1971-1970	45
P25	292 CID (4.8L) L6 3.88" (98.4mm) Chevrolet	1978-1975	15
P25	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1978-1975	26
P25/P2500 Van	250 CID (4.1L) L6 3.88" (98.4mm) Chevrolet	1974-1972, 1970 1967-1966	10
P25/P2500 Van	283 CID (4.6L) V8 3.88" (98.6mm) Chevrolet	1967	14
P25/P2500 Van	292 CID (4.8L) L6 3.88" (98.4mm) Chevrolet	1974-1967	15
P25/P2500 Van	307 CID (5.0L) V8 3.88" (98.6mm) Chevrolet	1973-1968	20
P25/P2500 Van	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1974-1970	26
P25/P2500 Van	454 CID (7.4L) V8 4.25" (108.0mm) Chevrolet	1971-1970	45
P2500	292 CID (4.8L) L6 3.88" (98.4mm) Chevrolet	1989, 1987-1979	15
P2500	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1989-1979	26
P2500	379 CID (6.2L) V8 3.98" (101.0mm) DIESEL	1989-1982	36
P30	250 CID (4.1L) L6 3.88" (98.4mm) Chevrolet	1979, 1976	10
P30	262 CID (4.3L) V6 4.00" (101.6mm) Chevrolet	1995-1990	12
P30	262 CID (4.3L) V6 4.00" (101.6mm) Vortec	1999-1996	13
P30	292 CID (4.8L) L6 3.88" (98.4mm) Chevrolet	1989-1975	15
P30	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1996-1975	26
P30	350 CID (5.7L) V8 4.00" (101.6mm) Vortec	1999-1997	29
P30	379 CID (6.2L) V8 3.98" (101.0mm) DIESEL	1993-1982	36
P30	395 CID (6.5L) V8 4.06" (103.0mm) DIESEL	1999-1994	37
P30	400 CID (6.6L) V8 4.13" (104.8mm) Chevrolet	1976	41
P30	454 CID (7.4L) V8 4.25" (108.0mm) Chevrolet	1989-1975	45
P30	454 CID (7.4L) V8 4.25" (108.0mm)	1997-1990	46
P30	454 CID (7.4L) V8 4.25" (108.0mm) Vortec	1998-1996	48
P30 Series	235 CID (3.9L) L6 3.56" (90.4mm) Chevrolet	1961-1960	9
P30 Series	250 CID (4.1L) L6 3.88" (98.4mm) Chevrolet	1967-1966	10
P30 Series	283 CID (4.6L) V8 3.88" (98.6mm) Chevrolet	1962-1961	14
P30 Series	292 CID (4.8L) L6 3.88" (98.4mm) Chevrolet	1967-1964	15
P30 Series	327 CID (5.4L) V8 4.00" (101.6mm) Chevrolet	1962	23
P30 Series	366 CID (6.0L) V8 3.94" (100.1mm) Chevrolet	1967-1966	33
P30 Van	250 CID (4.1L) L6 3.88" (98.4mm) Chevrolet	1974-1970	10
P30 Van	292 CID (4.8L) L6 3.88" (98.4mm) Chevrolet	1974-1968	15
P30 Van	292 CID (4.8L) L6 3.88" (98.4mm) Chevrolet LPG	1974	16
P30 Van	307 CID (5.0L) V8 3.88" (98.6mm) Chevrolet	1973, 1969-1968	20
P30 Van	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1974-1970	26
P30 Van	402 CID (6.6L) V8 4.13" (104.8mm) Chevrolet	1972	42
P30 Van	454 CID (7.4L) V8 4.25" (108.0mm) Chevrolet	1974-1973, 1971-1970	45
P35	292 CID (4.8L) L6 3.88" (98.4mm) Chevrolet	1978-1975	15
P35	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1978-1975	26
P35	454 CID (7.4L) V8 4.25" (108.0mm) Chevrolet	1978-1975	45
P35/P3500 Van	250 CID (4.1L) L6 3.88" (98.4mm) Chevrolet	1974-1970, 1967-1966	10
P35/P3500 Van	283 CID (4.6L) V8 3.88" (98.6mm) Chevrolet	1967	14
P35/P3500 Van	292 CID (4.8L) L6 3.88" (98.4mm) Chevrolet	1974-1967	15
P35/P3500 Van	307 CID (5.0L) V8 3.88" (98.6mm) Chevrolet	1973-1968	20
P35/P3500 Van	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1974-1970	26
P35/P3500 Van	454 CID (7.4L) V8 4.25" (108.0mm) Chevrolet	1974-1973, 1971-1970	45
P3500	262 CID (4.3L) V6 4.00" (101.6mm) Chevrolet	1995-1990	12
P3500	262 CID (4.3L) V6 4.00" (101.6mm) Vortec	1999-1996	13
P3500	292 CID (4.8L) L6 3.88" (98.4mm) Chevrolet	1989-1979	15
P3500	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1996-1979	26
P3500	350 CID (5.7L) V8 4.00" (101.6mm) Vortec	1999-1997	29
P3500	379 CID (6.2L) V8 3.98" (101.0mm) DIESEL	1993-1982	36

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MODEL	ENGINE	YEAR	BLOCK
P3500	395 CID (6.5L) V8 4.06" (103.0mm) DIESEL	1999-1994	37
P3500	454 CID (7.4L) V8 4.25" (108.0mm) Chevrolet	1989-1979	45
P3500	454 CID (7.4L) V8 4.25" (108.0mm)	1997, 1995-1990	46
P3500	454 CID (7.4L) V8 4.25" (108.0mm) L19	1996	47
P3500	454 CID (7.4L) V8 4.25" (108.0mm) Vortec	1998-1996	48
PB15 Series	250 CID (4.1L) L6 3.88" (98.4mm) Chevrolet	1966	10
PB15 Series	292 CID (4.8L) L6 3.88" (98.4mm) Chevrolet	1966	15
PB25 Series	250 CID (4.1L) L6 3.88" (98.4mm) Chevrolet	1966	10
PB25 Series	292 CID (4.8L) L6 3.88" (98.4mm) Chevrolet	1966	15
R10	262 CID (4.3L) V6 4.00" (101.6mm) Chevrolet	1987	12
R10	305 CID (5.0L) V8 3.74" (94.9mm) Chevrolet	1987	18
R10	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1987	26
R10	379 CID (6.2L) V8 3.98" (101.0mm) DIESEL	1987	36
R10 Suburban	305 CID (5.0L) V8 3.74" (94.9mm) Chevrolet	1987	18
R10 Suburban	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1988-1987	26
R10 Suburban	379 CID (6.2L) V8 3.98" (101.0mm) DIESEL	1988-1987	36
R1500	262 CID (4.3L) V6 4.00" (101.6mm) Chevrolet	1987	12
R1500	305 CID (5.0L) V8 3.74" (94.9mm) Chevrolet	1987	18
R1500	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1987	26
R1500	379 CID (6.2L) V8 3.98" (101.0mm) DIESEL	1987	36
R1500 Suburban	305 CID (5.0L) V8 3.74" (94.9mm) Chevrolet	1987	18
R1500 Suburban	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1991-1987	26
R1500 Suburban	379 CID (6.2L) V8 3.98" (101.0mm) DIESEL	1991-1987	36
R20	262 CID (4.3L) V6 4.00" (101.6mm) Chevrolet	1987	12
R20	292 CID (4.8L) L6 3.88" (98.4mm) Chevrolet	1988-1987	15
R20	305 CID (5.0L) V8 3.74" (94.9mm) Chevrolet	1987	18
R20	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1988-1987	26
R20	379 CID (6.2L) V8 3.98" (101.0mm) DIESEL	1988-1987	36
R20	454 CID (7.4L) V8 4.25" (108.0mm)	1988-1987	46
R20 Suburban	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1988-1987	26
R20 Suburban	379 CID (6.2L) V8 3.98" (101.0mm) DIESEL	1988-1987	36
R20 Suburban	454 CID (7.4L) V8 4.25" (108.0mm)	1988-1987	46
R2500	262 CID (4.3L) V6 4.00" (101.6mm) Chevrolet	1987	12
R2500	292 CID (4.8L) L6 3.88" (98.4mm) Chevrolet	1988-1987	15
R2500	305 CID (5.0L) V8 3.74" (94.9mm) Chevrolet	1987	18
R2500	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1989-1987	26
R2500	379 CID (6.2L) V8 3.98" (101.0mm) DIESEL	1989-1987	36
R2500	454 CID (7.4L) V8 4.25" (108.0mm)	1989-1987	46
R2500 Suburban	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1991-1987	26
R2500 Suburban	379 CID (6.2L) V8 3.98" (101.0mm) DIESEL	1991-1987	36
R2500 Suburban	454 CID (7.4L) V8 4.25" (108.0mm)	1991-1987	46
R30	292 CID (4.8L) L6 3.88" (98.4mm) Chevrolet	1988-1987	15
R30	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1988-1987	26
R30	379 CID (6.2L) V8 3.98" (101.0mm) DIESEL	1988-1987	36
R30	454 CID (7.4L) V8 4.25" (108.0mm) Chevrolet	1988-1987	45
R30	454 CID (7.4L) V8 4.25" (108.0mm)	1988-1987	46
R3500	292 CID (4.8L) L6 3.88" (98.4mm) Chevrolet	1988-1987	15
R3500	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1991-1987	26
R3500	379 CID (6.2L) V8 3.98" (101.0mm) DIESEL	1991-1987	36
R3500	454 CID (7.4L) V8 4.25" (108.0mm) Chevrolet	1989-1987	45
R3500	454 CID (7.4L) V8 4.25" (108.0mm)	1991-1987	46
Rainier	256 CID (4.2L) DOHC L6 3.66" (93.0mm) Vortec	2005-2004	11
Rainier	323 CID (5.3L) V8 3.78" (96.0mm) Vortec	2004	21
Rendezvous	207 CID (3.4L) V6 3.62" (92.0mm) Chevrolet	2005-2002	6
S10	134 CID (2.2L) L4 3.50" (89.0mm) Vortec	2000-1994	1

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MODEL	ENGINE	YEAR	BLOCK
S10	151 CID (2.5L) L4 4.00" (101.6mm) Pontiac	1993-1985	2
S10	173 CID (2.8L) V6 3.50" (89.0mm) Chevrolet	1993-1982	4
S10	262 CID (4.3L) V6 4.00" (101.6mm) Chevrolet	1995-1988	12
S10	262 CID (4.3L) V6 4.00" (101.6mm) Vortec	2002-1994	13
S10 Blazer	151 CID (2.5L) L4 4.00" (101.6mm) Pontiac	1988-1985	2
S10 Blazer	173 CID (2.8L) V6 3.50" (89.0mm) Chevrolet	1990-1983	4
S10 Blazer	262 CID (4.3L) V6 4.00" (101.6mm) Chevrolet	1994-1988	12
S10 Blazer	262 CID (4.3L) V6 4.00" (101.6mm) Vortec	1994-1992	13
S15	151 CID (2.5L) L4 4.00" (101.6mm) Pontiac	1990-1985	2
S15	173 CID (2.8L) V6 3.50" (89.0mm) Chevrolet	1990-1982	4
S15	262 CID (4.3L) V6 4.00" (101.6mm) Chevrolet	1990-1988	12
S15 Jimmy	151 CID (2.5L) L4 4.00" (101.6mm) Pontiac	1988-1985	2
S15 Jimmy	173 CID (2.8L) V6 3.50" (89.0mm) Chevrolet	1989-1983	4
S15 Jimmy	262 CID (4.3L) V6 4.00" (101.6mm) Chevrolet	1991-1988	12
Safari	151 CID (2.5L) L4 4.00" (101.6mm) Pontiac	1990-1985	2
Safari	262 CID (4.3L) V6 4.00" (101.6mm) Chevrolet	1994-1985	12
Safari	262 CID (4.3L) V6 4.00" (101.6mm) Vortec	2002-1992	13
Savana 1500	262 CID (4.3L) V6 4.00" (101.6mm) Vortec	2002-1996	13
Savana 1500	305 CID (5.0L) V8 3.74" (94.9mm) Vortec	2002-1996	19
Savana 1500	323 CID (5.3L) V8 3.78" (96.0mm) Vortec	2004-2003	21
Savana 1500	350 CID (5.7L) V8 4.00" (101.6mm) Vortec	2002-1997	29
Savana 2500	262 CID (4.3L) V6 4.00" (101.6mm) Vortec	2002-1996	13
Savana 2500	294 CID (4.8L) V8 3.78" (96.0mm) Vortec	2004-2003	17
Savana 2500	305 CID (5.0L) V8 3.74" (94.9mm) Vortec	2002-1996	19
Savana 2500	323 CID (5.3L) V8 3.78" (96.0mm) Vortec	2004-2003	21
Savana 2500	350 CID (5.7L) V8 4.00" (101.6mm) Vortec	2002-1997	29
Savana 2500	364 CID (6.0L) V8 4.00" (101.6mm) Vortec CNG	2004-2003	31
Savana 2500	364 CID (6.0L) V8 4.00" (101.6mm) Vortec	2005-2003	32
Savana 2500	395 CID (6.5L) V8 4.06" (103.0mm) DIESEL	1998-1996	37
Savana 2500	395 CID (6.5L) V8 4.06" (103.0mm) L65 DIESEL	2002-1999	38
Savana 3500	262 CID (4.3L) V6 4.00" (101.6mm) Vortec	1997	13
Savana 3500	294 CID (4.8L) V8 3.78" (96.0mm) Vortec	2004	17
Savana 3500	350 CID (5.7L) V8 4.00" (101.6mm) Vortec	2002-1997	29
Savana 3500	364 CID (6.0L) V8 4.00" (101.6mm) Vortec CNG	2004-2003	31
Savana 3500	364 CID (6.0L) V8 4.00" (101.6mm) Vortec	2005-2003	32
Savana 3500	395 CID (6.5L) V8 4.06" (103.0mm) DIESEL	1998-1996	37
Savana 3500	395 CID (6.5L) V8 4.06" (103.0mm) L65 DIESEL	2002-1999	38
Savana 3500	454 CID (7.4L) V8 4.25" (108.0mm) Vortec	1999-1996	48
Savana 3500	496 CID (8.1L) V8 4.25" (108.0mm) Vortec	2002-2001	50
School Bus Chassis	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet LF5	1990-1980	27
School Bus Chassis	366 CID (6.0L) V8 3.94" (100.1mm) Chevrolet L86	1991, 1984-1980	34
School Bus Chassis	366 CID (6.0L) V8 3.94" (100.1mm) Chevrolet LS0	1993	35
School Bus Chassis	395 CID (6.5L) V8 4.06" (103.0mm) DIESEL	1998-1997	37
School Bus Chassis	427 CID (7.0L) V8 4.13" (104.8mm) L43	1985-1980	43
School Bus Chassis	427 CID (7.0L) V8 4.13" (104.8mm) LR0	1997-1994	44
School Bus Chassis	454 CID (7.4L) V8 4.25" (108.0mm) Vortec LP4	1999	49
School Bus Chassis	496 CID (8.1L) V8 4.25" (108.0mm) Vortec	2002-2001	50
Sierra 1500	262 CID (4.3L) V6 4.00" (101.6mm) Vortec	2002-1999	13
Sierra 1500	294 CID (4.8L) V8 3.78" (96.0mm) Vortec	2004-1999	17
Sierra 1500	323 CID (5.3L) V8 3.78" (96.0mm) Vortec	2004-1999	21
Sierra 1500 HD	364 CID (6.0L) V8 4.00" (101.6mm) Vortec	2005, 2003-2001	32
Sierra 2500	323 CID (5.3L) V8 3.78" (96.0mm) Vortec	2000-1999	21
Sierra 2500	364 CID (6.0L) V8 4.00" (101.6mm) Vortec CNG	2002	31
Sierra 2500	364 CID (6.0L) V8 4.00" (101.6mm) Vortec	2004-1999	32
Sierra 2500 HD	364 CID (6.0L) V8 4.00" (101.6mm) Vortec CNG	2004-2002	31

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MODEL	ENGINE	YEAR	BLOCK
Sierra 2500 HD	364 CID (6.0L) V8 4.00" (101.6mm) Vortec	2005-2001	32
Sierra 2500 HD	400 CID (6.6L) V8 4.06" (103.0mm) Duramax DIESEL	2004-2001	40
Sierra 2500 HD	496 CID (8.1L) V8 4.25" (108.0mm) Vortec	2004-2001	50
Sierra 3500	364 CID (6.0L) V8 4.00" (101.6mm) Vortec CNG	2004-2003	31
Sierra 3500	364 CID (6.0L) V8 4.00" (101.6mm) Vortec	2005-2001	32
Sierra 3500	400 CID (6.6L) V8 4.06" (103.0mm) Duramax DIESEL	2004-2001	40
Sierra 3500	496 CID (8.1L) V8 4.25" (108.0mm) Vortec	2004-2001	50
Sierra C3	364 CID (6.0L) V8 4.00" (101.6mm) Vortec	2001	32
Sierra Denali	364 CID (6.0L) V8 4.00" (101.6mm) Vortec	2005-2002	32
Silhouette	189 CID (3.1L) V6 3.50" (89.0mm) Chevrolet	1994-1990	5
Silhouette	207 CID (3.4L) V6 3.62" (92.0mm) Chevrolet	2004-1996	6
Silverado 1500	262 CID (4.3L) V6 4.00" (101.6mm) Vortec	2002-1999	13
Silverado 1500	294 CID (4.8L) V8 3.78" (96.0mm) Vortec	2004-1999	17
Silverado 1500	323 CID (5.3L) V8 3.78" (96.0mm) Vortec	2004-1999	21
Silverado 1500	364 CID (6.0L) V8 4.00" (101.6mm) Vortec	2005-2003	32
Silverado 1500 HD	364 CID (6.0L) V8 4.00" (101.6mm) Vortec	2005, 2003-2001	32
Silverado 2500	323 CID (5.3L) V8 3.78" (96.0mm) Vortec	2000-1999	21
Silverado 2500	364 CID (6.0L) V8 4.00" (101.6mm) Vortec CNG	2002	31
Silverado 2500	364 CID (6.0L) V8 4.00" (101.6mm) Vortec	2004-1999	32
Silverado 2500 HD	364 CID (6.0L) V8 4.00" (101.6mm) Vortec CNG	2004-2002	31
Silverado 2500 HD	364 CID (6.0L) V8 4.00" (101.6mm) Vortec	2005-2001	32
Silverado 2500 HD	400 CID (6.6L) V8 4.06" (103.0mm) Duramax DIESEL	2004-2001	40
Silverado 2500 HD	496 CID (8.1L) V8 4.25" (108.0mm) Vortec	2004-2001	50
Silverado 3500	364 CID (6.0L) V8 4.00" (101.6mm) Vortec CNG	2004-2003	31
Silverado 3500	364 CID (6.0L) V8 4.00" (101.6mm) Vortec	2005-2001	32
Silverado 3500	400 CID (6.6L) V8 4.06" (103.0mm) Duramax DIESEL	2004-2001	40
Silverado 3500	496 CID (8.1L) V8 4.25" (108.0mm) Vortec	2004-2001	50
Sonoma	134 CID (2.2L) L4 3.50" (89.0mm) Vortec	2000-1994	1
Sonoma	151 CID (2.5L) L4 4.00" (101.6mm) Pontiac	1993-1991	2
Sonoma	173 CID (2.8L) V6 3.50" (89.0mm) Chevrolet	1993-1991	4
Sonoma	262 CID (4.3L) V6 4.00" (101.6mm) Chevrolet	1995-1991	12
Sonoma	262 CID (4.3L) V6 4.00" (101.6mm) Vortec	2002-1992	13
Sprint	250 CID (4.1L) L6 3.88" (98.4mm) Chevrolet	1977-1975, 1972-1971	10
Sprint	305 CID (5.0L) V8 3.74" (94.9mm) Chevrolet	1977-1976	18
Sprint	307 CID (5.0L) V8 3.88" (98.6mm) Chevrolet	1973-1971	20
Sprint	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1977-1971	26
Sprint	400 CID (6.6L) V8 4.13" (104.8mm) Chevrolet	1976-1974	41
Sprint	402 CID (6.6L) V8 4.13" (104.8mm) Chevrolet	1972-1971	42
Sprint	454 CID (7.4L) V8 4.25" (108.0mm) Chevrolet	1975-1971	45
SSR	325 CID (5.3L) V8 3.78" (96.0mm) Vortec	2004-2003	22
SSR	364 CID (6.0L) V8 4.00" (101.6mm) Vortec	2005	32
Suburban	235 CID (3.9L) L6 3.56" (90.4mm) Chevrolet	1962-1960	9
Suburban	250 CID (4.1L) L6 3.88" (98.4mm) Chevrolet	1967-1966	10
Suburban	283 CID (4.6L) V8 3.88" (98.6mm) Chevrolet	1967-1961	14
Suburban	292 CID (4.8L) L6 3.88" (98.4mm) Chevrolet	1967-1963	15
Suburban	327 CID (5.4L) V8 4.00" (101.6mm) Chevrolet	1967-1966, 1962	23
Suburban	366 CID (6.0L) V8 3.94" (100.1mm) Chevrolet	1966	33
Suburban 1500	323 CID (5.3L) V8 3.78" (96.0mm) Vortec	2004-2000	21
Suburban 2500	364 CID (6.0L) V8 4.00" (101.6mm) Vortec	2005-2000	32
Suburban 2500	496 CID (8.1L) V8 4.25" (108.0mm) Vortec	2004-2001	50
Syclone	262 CID (4.3L) V6 4.00" (101.6mm) Chevrolet	1991	12
Tahoe	294 CID (4.8L) V8 3.78" (96.0mm) Vortec	2004-2000	17
Tahoe	323 CID (5.3L) V8 3.78" (96.0mm) Vortec	2004-2000	21
Tahoe	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1995	26
Tahoe	350 CID (5.7L) V8 4.00" (101.6mm) Vortec	2000-1997	29

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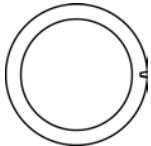
MODEL	ENGINE	YEAR	BLOCK
Tahoe	395 CID (6.5L) V8 4.06" (103.0mm) DIESEL	1999-1995	37
Trailblazer	256 CID (4.2L) DOHC L6 3.66" (93.0mm) Vortec	2005-2002	11
Trailblazer	325 CID (5.3L) V8 3.78" (96.0mm) Vortec	2004-2003	22
Trans Sport	189 CID (3.1L) V6 3.50" (89.0mm) Chevrolet	1994-1990	5
Trans Sport	207 CID (3.4L) V6 3.62" (92.0mm) Chevrolet	1999-1996	6
Truck	235 CID (3.9L) L6 3.56" (90.4mm) Chevrolet	1960-1954	9
Truck	283 CID (4.6L) V8 3.88" (98.6mm) Chevrolet	1960-1957	14
Typhoon	262 CID (4.3L) V6 4.00" (101.6mm) Chevrolet	1993-1992	12
V10	262 CID (4.3L) V6 4.00" (101.6mm) Chevrolet	1987	12
V10	305 CID (5.0L) V8 3.74" (94.9mm) Chevrolet	1987	18
V10	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1987	26
V10	379 CID (6.2L) V8 3.98" (101.0mm) DIESEL	1987	36
V10 Suburban	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1988-1987	26
V10 Suburban	379 CID (6.2L) V8 3.98" (101.0mm) DIESEL	1988-1987	36
V1500	262 CID (4.3L) V6 4.00" (101.6mm) Chevrolet	1987	12
V1500	305 CID (5.0L) V8 3.74" (94.9mm) Chevrolet	1987	18
V1500	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1987	26
V1500	379 CID (6.2L) V8 3.98" (101.0mm) DIESEL	1987	36
V1500 Suburban	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1991-1987	26
V1500 Suburban	379 CID (6.2L) V8 3.98" (101.0mm) DIESEL	1991-1987	36
V20	292 CID (4.8L) L6 3.88" (98.4mm) Chevrolet	1987	15
V20	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1987	26
V20	379 CID (6.2L) V8 3.98" (101.0mm) DIESEL	1987	36
V20 Suburban	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1988-1987	26
V20 Suburban	379 CID (6.2L) V8 3.98" (101.0mm) DIESEL	1988-1987	36
V20 Suburban	454 CID (7.4L) V8 4.25" (108.0mm)	1988-1987	46
V2500	292 CID (4.8L) L6 3.88" (98.4mm) Chevrolet	1987	15
V2500	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1987	26
V2500	379 CID (6.2L) V8 3.98" (101.0mm) DIESEL	1987	36
V2500 Suburban	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1991-1987	26
V2500 Suburban	379 CID (6.2L) V8 3.98" (101.0mm) DIESEL	1991-1987	36
V2500 Suburban	454 CID (7.4L) V8 4.25" (108.0mm)	1990	46
V30	292 CID (4.8L) L6 3.88" (98.4mm) Chevrolet	1988-1987	15
V30	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1988-1987	26
V30	379 CID (6.2L) V8 3.98" (101.0mm) DIESEL	1988-1987	36
V30	454 CID (7.4L) V8 4.25" (108.0mm) Chevrolet	1988-1987	45
V30	454 CID (7.4L) V8 4.25" (108.0mm)	1988-1987	46
V3500	292 CID (4.8L) L6 3.88" (98.4mm) Chevrolet	1988-1987	15
V3500	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1991-1987	26
V3500	379 CID (6.2L) V8 3.98" (101.0mm) DIESEL	1991-1987	36
V3500	454 CID (7.4L) V8 4.25" (108.0mm) Chevrolet	1989-1987	45
V3500	454 CID (7.4L) V8 4.25" (108.0mm)	1991-1987	46
Venture	207 CID (3.4L) V6 3.62" (92.0mm) Chevrolet	2005-1997	6
W3500 Forward	350 CID (5.7L) V8 4.00" (101.6mm) Vortec	2002-1997, 1995	29
W3500 Forward	364 CID (6.0L) V8 4.00" (101.6mm) Vortec	2005-2004	32
W3500 Tiltmaster	350 CID (5.7L) V8 4.00" (101.6mm) Vortec	2002-1997, 1995	29
W3500 Tiltmaster	364 CID (6.0L) V8 4.00" (101.6mm) Vortec	2005-2004	32
W4500 Forward	350 CID (5.7L) V8 4.00" (101.6mm) Vortec	2002-1998	29
W4500 Forward	364 CID (6.0L) V8 4.00" (101.6mm) Vortec	2005-2003	32
W4500 Tiltmaster	350 CID (5.7L) V8 4.00" (101.6mm) Vortec	2002-1998	29
W4500 Tiltmaster	364 CID (6.0L) V8 4.00" (101.6mm) Vortec	2005-2003	32
Yukon	294 CID (4.8L) V8 3.78" (96.0mm) Vortec	2004-2000	17
Yukon	323 CID (5.3L) V8 3.78" (96.0mm) Vortec	2004-2000	21
Yukon	350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet	1995-1992	26
Yukon	350 CID (5.7L) V8 4.00" (101.6mm) Vortec	1999-1997	29

# GENERAL MOTORS TRUCK



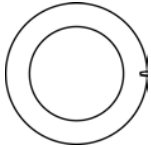
MODEL	ENGINE	YEAR	BLOCK
Yukon	395 CID (6.5L) V8 4.06" (103.0mm) DIESEL	1997-1994	37
Yukon Denali	350 CID (5.7L) V8 4.00" (101.6mm) Vortec	2000-1999	29
Yukon Denali	364 CID (6.0L) V8 4.00" (101.6mm) Vortec	2005-2001	32
Yukon Denali XL	364 CID (6.0L) V8 4.00" (101.6mm) Vortec	2005-2001	32
Yukon XL 1500	323 CID (5.3L) V8 3.78" (96.0mm) Vortec	2004-2000	21
Yukon XL 2500	364 CID (6.0L) V8 4.00" (101.6mm) Vortec	2005-2000	32
Yukon XL 2500	496 CID (8.1L) V8 4.25" (108.0mm) Vortec	2004-2001	50

YEAR	VIN	PART NUMBER	SPECS	QTY	RINGS	PIN DIA	COMP HGT
<b>1</b>		<b>134 CID (2.2L) L4 3.50" (89.0mm) Vortec</b>					<b>1</b>

1997-1994	4	<b>224-2916</b>	 <p>Material: Hypereutectic Recessed Head Recess Depth: 0.200" Recess Diameter: 2.940"</p> <p>STD, .020", .030", .040"</p>	4	1.50mm 1.50mm 3.00mm	0.8002"	1.170"
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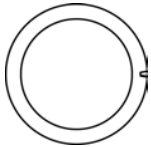
Pin Hole Location: Offset

**Piston Ring Sets:** Premium: **41471**

2000-1998	4	<b>224-3459</b>	 <p>Material: Hypereutectic Recess Head Recess Depth: 0.065" Recess Diameter: 2.650" Coated Skirts</p> <p>STD, .020", .030", .040"</p>	4	1.50mm 1.50mm 3.00mm	0.8002"	1.200"
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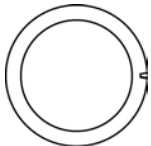
Pin Hole Location: Offset

**Piston Ring Sets:** Premium: **41471**

1995-1994	4	<b>224-3493</b>	 <p>Material: Aluminum Casting Number: 89V85 Recessed head Recess Depth: 0.226" Reduced .010" CH.</p> <p>STD, .020", .030", .040"</p>	4	1.50mm 1.50mm 3.00mm	0.8"	1.175"
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Pin Hole Location: Offset

**Piston Ring Sets:** Cast Iron: **51471CP**  
Premium: **41471**

1997-1994	4	<b>224-3494</b>	 <p>Material: Aluminum Casting Number: 89V91 Recess Head Recess Depth: 0.199"</p> <p>STD, .020", .030"</p>	4	1.50mm 1.50mm 3.00mm	0.8"	1.185"
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Pin Hole Location: Offset

# GENERAL MOTORS TRUCK

# MAHLE



YEAR

VIN

PART NUMBER



SPECS

QTY



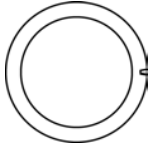
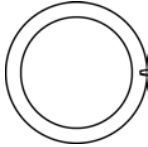
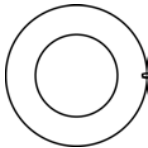
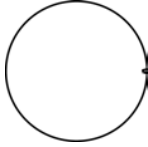
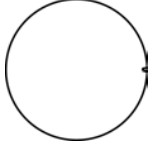
RINGS



PIN DIA



COMP HGT

2		151 CID (2.5L) L4 4.00" (101.6mm) Pontiac				2	
1986-1985	E	<b>224-2141</b>		Material: Aluminum Recessed Head Recess Depth: 0.226" Recess Diameter: 3.070" Shallow groove. Low Tension rings.	4	1/16" 5/64" 3/16"	0.9273" 1.570"
			STD, .020", .030", .040", .060"			Pin Hole Location: Offset	
<b>Notes:</b>			Replace in Complete Sets	<b>Piston Ring Sets:</b>		Cast Iron: <b>51559CP</b> Premium: <b>41559CP</b>	
3		169 CID (2.8L) DOHC L4 3.66" (92.96mm)				3	
1993-1991 1991-1985	A E	<b>224-2567</b>		Material: Hypereutectic Recessed Head Recess Depth: 0.14" Recess Diameter: 3.100" Replace in full sets only. Not intended for racing. Destroyed .020". Shallow Groove.	4	1/16" 5/64" 3/16"	0.9273" 1.566"
			STD, .020", .030", .040"			Pin Hole Location: Offset	
<b>Notes:</b>			with Shallow Oil Groove; Replace in Complete Sets	<b>Piston Ring Sets:</b>		Cast Iron: <b>51559CP</b> Premium: <b>41559CP</b>	
3		169 CID (2.8L) DOHC L4 3.66" (92.96mm)				3	
2006-2004	8	<b>224-3566</b>		Material: Aluminum Casting Number: 93L42 High dome Dome Height: 0.093" Coated Skirts. This is a 0.010" Reduced CH	4	1.20mm 1.50mm 2.50mm	0.9055" 1.100"
			STD, .020"			Pin Hole Location: Offset	
				<b>Piston Ring Sets:</b>		Premium: <b>41936CP</b>	
4		173 CID (2.8L) V6 3.50" (89.0mm) Chevrolet				4	
1986 1984-1982	R B	<b>224-2130</b>		Material: Aluminum Flat Head 2nd design.	6	1.50mm 2.00mm 4.75mm	0.9055" 1.578"
			STD, .020", .030", .040", .060"			Pin Hole Location: Offset	
				<b>Piston Ring Sets:</b>		Cast Iron: <b>51284CP</b> Premium: <b>41284CP</b>	
4		173 CID (2.8L) V6 3.50" (89.0mm) Chevrolet				4	
1993-1986 1985	R B	<b>224-2357</b>		Material: Aluminum Flat Head May replace 224-2130 but will not be Destroyed. Shallow Groove	6	1.50mm 2.00mm 4.75mm	0.9055" 1.599"
			STD, .020", .030", .040", .060"			Pin Hole Location: Offset	
<b>Notes:</b>			with Shallow Oil Groove	<b>Piston Ring Sets:</b>		Premium: <b>41474</b>	

# GENERAL MOTORS TRUCK

# MAHLE



YEAR

VIN

PART NUMBER



SPECS

QTY



RINGS

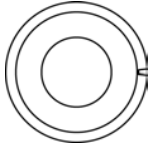


PIN DIA

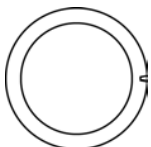


COMP HGT

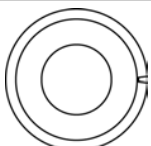
## 4 (cont.) 173 CID (2.8L) V6 3.50" (89.0mm) Chevrolet 4 (cont.)

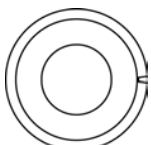
1989-1988	R	<b>224-3480</b>		Material: Aluminum Casting Number: 89V71A1	6	1.50mm 1.50mm 4.00mm	0.905"	1.598"	
				Recessed head Recess Depth: 0.281" This is a .020" Reduced CH					
STD, .020", .030", .040"								Pin Hole Location: Offset	
				<b>Piston Ring Sets:</b>		Cast Iron: <b>51473CP</b> Premium: <b>41864CP</b>			

## 5 189 CID (3.1L) V6 3.50" (89.0mm) Chevrolet 5

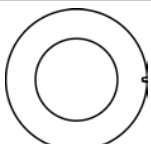
1994-1990	D	<b>224-2758</b>		Material: Hypereutectic	6	1.50mm 1.50mm 4.00mm	0.9055"	1.45"	
				Recessed Head Recess Depth: 0.105" Recess Diameter: 2.950" Iron Head, APV Only, Coated Skirts.Shallow Groove					
STD, .020", .030", .040", .060"								Pin Hole Location: Offset	
				<b>Piston Ring Sets:</b>		Cast Iron: <b>51473CP</b> Premium: <b>41473CP</b>			

## 6 207 CID (3.4L) V6 3.62" (92.0mm) Chevrolet 6

1999-1996	E	<b>224-3412</b>		Material: Hypereutectic	6	1.20mm 1.50mm 4.00mm	0.9054"	1.470"	
				Recessed Head Recess Depth: 0.270" Recess Diameter: 3.140" Coated Skirt. LA1 Engine, Shallow Groove					
STD, .020", .030", .040"								Pin Hole Location: Offset	
<b>Notes:</b> Coated				<b>Piston Ring Sets:</b>		Premium: <b>41864CP</b>			

2005-1999	E	<b>224-3538</b>		Material: Aluminum Casting Number: 92L62U1	6	1.20mm 1.50mm 3.00mm	0.8267"	1.478"	
				Recessed head Recess Depth: 0.256" Recess Diameter: 3.110" 0.25mm Reduced CH. Coated skirts.					
STD, 50MM, 75MM, 100MM								Pin Hole Location: Offset	
				<b>Piston Ring Sets:</b>		Premium: <b>41864CP</b>			

## 7 211 CID (3.5L) DOHC L5 3.66" (92.96mm) 7

2006-2004	6	<b>224-3565</b>		Material: Aluminum Casting Number: 93L42	5	1.20mm 1.50mm 2.50mm	0.9055"	1.100"	
				High dome Dome Height: 0.093" Coated Skirts, This is a 0.010" Reduced CH					
STD, .010", .020"								Pin Hole Location: Offset	
				<b>Piston Ring Sets:</b>		Premium: <b>41935CP</b>			

# GENERAL MOTORS TRUCK

# MAHLE



YEAR

VIN

PART NUMBER



SPECS

QTY



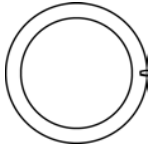
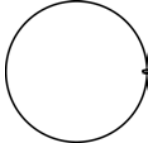

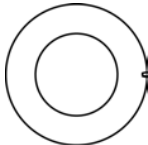

RINGS



PIN DIA



COMP HGT

YEAR	VIN	PART NUMBER	SPECS	QTY	RINGS	PIN DIA	COMP HGT
<b>8 231 CID (3.8L) V6 3.80" (96.5mm) Buick 8</b>							
1984-1978	A	<b>224-3554</b>	 <p>Material: Aluminum Recessed head Recess Depth: 0.215" Recess Diameter: 3.050" Non-Turbo</p> <p>STD, .020", .030", .060"</p>	6	5/64" 3/16"	0.9398"	1.805"
							Pin Hole Location: Offset
							<b>Piston Ring Sets:</b> Cast Iron: <b>51245</b> Premium: <b>41245</b>
<b>9 235 CID (3.9L) L6 3.56" (90.4mm) Chevrolet 9</b>							
1962-1954	-	<b>224-2840</b>	 <p>Material: Aluminum Flat Head Powerglide Transmission.</p> <p>STD, .030", .040", .060"</p>	6	3/32" 3/32" 3/16"	0.865"	2.060"
							Pin Hole Location: Offset
							<b>Piston Ring Sets:</b> Premium: <b>41268</b>
<b>10 250 CID (4.1L) L6 3.88" (98.4mm) Chevrolet 10</b>							
1984-1974, 1972	D	<b>224-1658</b>	 <p>Material: Aluminum D Shape Recessed Head Recess Depth: 0.060"</p> <p>STD, .020", .030", .040", .060"</p>	6	5/64" 5/64" 3/16"	0.9273"	1.640"
1975-1973	Q						
1972-1971	L						
1972-1971	C						
1971-1966	-						
1971-1970	N						
1971-1970	S						
1969-1968	P						
							Pin Hole Location: Offset
							<b>Piston Ring Sets:</b> Cast Iron: <b>50514CP</b> Premium: <b>40514CP</b>
<b>11 256 CID (4.2L) DOHC L6 3.66" (93.0mm) Vortec 11</b>							
2005-2002	S	<b>224-3448</b>	 <p>Material: Aluminum Casting Number: 93L42 High Dome Dome Height: 0.093" Domed head . This is a .010" reduced CH. Coated skirts</p> <p>STD, .010", .020"</p>	6	1.20mm 1.50mm 2.50mm	0.905"	1.100"
							Pin Hole Location: Offset
<b>Notes:</b> Coated							<b>Piston Ring Sets:</b> Premium: <b>41907CP</b>
<b>12 262 CID (4.3L) V6 4.00" (101.6mm) Chevrolet 12</b>							
1996-1995	Z	<b>224-3175</b>	 <p>Material: Hypereutectic Recessed Head w/4 Valve Reliefs Recess Depth: 0.800" Recess Diameter: 3.100" Destroyed .020". Shallow Groove.</p> <p>STD, .020", .030", .040", .060"</p>	6	2.00mm 1.50mm 4.00mm	0.9273"	1.540"
							Pin Hole Location: Offset
<b>Notes:</b> with Shallow Oil Groove; Optional Aftermarket Piston Ring Line Up							<b>Piston Ring Sets:</b> Premium: <b>2M4626</b>

# GENERAL MOTORS TRUCK

# MAHLE



YEAR

VIN

PART NUMBER



SPECS

QTY



RINGS




PIN DIA



COMP HGT

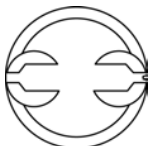
**12 (cont.)** 262 CID (4.3L) V6 4.00" (101.6mm) Chevrolet **12 (cont.)**

1996-1985	Z	<b>224-3470</b>		Material: Hypereutectic Casting Number: 101L63  Flat top w/ 4 valve reliefs Recess Depth: 0.1023" Recess Diameter: 2.767"	6	5/64"	0.9279"	1.550"
1991-1990	B					5/64"		
1986-1985	N					3/16"		

STD, .020", .030", .040", .060"

Pin Hole Location: Offset


**Piston Ring Sets:** Cast Iron: **51684CP**  
Premium: **41684CP**

1993-1985	Z	<b>224-3556</b>		Material: Aluminum  Recessed head w/ 4 valve reliefs Recess Depth: 0.08" Recess Diameter: 3.160" Use with 1986 & earlier rings.	6	5/64"	0.9273"	1.540"
1991-1990	B					5/64"		
1985	N					3/16"		

STD, .020", .030", .040", .060"

Pin Hole Location: Offset


**Piston Ring Sets:** Cast Iron: **51684CP**  
Premium: **41684CP**

1993-1985	Z	<b>224-3557</b>		Material: Aluminum  Recessed head w/ 2 valve trough reliefs Recess Depth: 0.125" Recess Diameter: 3.250"	6	5/64"	0.9273"	1.540"
1991-1990	B					5/64"		
1985	N					3/16"		

STD, .020", .030", .040", .060"

Pin Hole Location: Offset


**Piston Ring Sets:** Cast Iron: **50564CP**  
Premium: **40564CP**

1996-1985	Z	<b>224-3558</b>		Material: Hypereutectic  Recessed head w/ 4 valve reliefs Recess Depth: 0.070" Recess Diameter: 3.140" Use with 1986 & earlier rings.	6	5/64"	0.9273"	1.540"
						5/64"		
						3/16"		

STD, .020", .030", .040", .060"

Pin Hole Location: Offset

**Piston Ring Sets:** Cast Iron: **51684CP**  
Premium: **41684CP**

1996-1995	Z	<b>224-3560</b>		Material: Hypereutectic  Recessed head w/ 4 valve reliefs Recess Depth: 0.080" Recess Diameter: 3.100" Shallow groove, coated skirts	6	1.50mm	0.9273"	1.540"
						1.50mm		
						3.00mm		

STD, .020", .030", .040", .060"

Pin Hole Location: Offset

**Piston Ring Sets:** Cast Iron: **51786CP**  
Premium: **41786**

# GENERAL MOTORS TRUCK

# MAHLE



YEAR

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SPECS

QTY




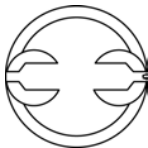


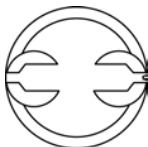
RINGS



PIN DIA



COMP HGT

13		262 CID (4.3L) V6 4.00" (101.6mm) Vortec				13		
1996	X	<b>224-3175</b>		Material: Hypereutectic	6	2.00mm	0.9273"	1.540"
1996-1995	W			Recessed Head w/4 Valve Reliefs Recess Depth: 0.800" Recess Diameter: 3.100" Destroyed .020". Shallow Groove.		1.50mm 4.00mm		
			STD, .020", .030", .040", .060"					Pin Hole Location: Offset
<b>Notes:</b> with Shallow Oil Groove; Optional Aftermarket Piston Ring Line Up					<b>Piston Ring Sets:</b> Premium: <b>2M4626</b>			
1996-1992	W	<b>224-3470</b>		Material: Hypereutectic Casting Number: 101L63	6	5/64"	0.9279"	1.550"
				Flat top w/ 4valve reliefs Recess Depth: 0.1023" Recess Diameter: 2.767"		5/64" 3/16"		
			STD, .020", .030", .040", .060"					Pin Hole Location: Offset
					<b>Piston Ring Sets:</b> Cast Iron: <b>51684CP</b> Premium: <b>41684CP</b>			
1998-1992	W	<b>224-3499</b>		Material: Aluminum Casting Number: 101V14	6	2.00mm	0.927"	1.559"
				Recess head w/4 valve reliefs Recess Depth: 0.073"		1.50mm 4.00mm		
			STD, .020", .030", .040"					Pin Hole Location: Offset
					<b>Piston Ring Sets:</b> Premium: <b>41669CP</b>			
2002, 1999-1996	X	<b>224-3500</b>		Material: Aluminum Casting Number: 101V14	6	2.00mm	0.927"	1.549"
2002-1996	W			Recess head w/4 valve reliefs Recess Depth: 0.073" Reduced .010" CH		1.50mm 4.00mm		
			STD, .020", .030", .040"					Pin Hole Location: Offset
					<b>Piston Ring Sets:</b> Cast Iron: <b>51669CP</b> Premium: <b>41669CP</b>			
1993-1992	W	<b>224-3556</b>		Material: Aluminum	6	5/64"	0.9273"	1.540"
				Recessed head w/ 4 valve reliefs Recess Depth: 0.08" Recess Diameter: 3.160" Use with 1986 & earlier rings.		5/64" 3/16"		
			STD, .020", .030", .040", .060"					Pin Hole Location: Offset
					<b>Piston Ring Sets:</b> Cast Iron: <b>51684CP</b> Premium: <b>41684CP</b>			

# GENERAL MOTORS TRUCK

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PIN DIA




COMP HGT


## 13 (cont.) 262 CID (4.3L) V6 4.00" (101.6mm) Vortec 13 (cont.)

1993-1992	W	<b>224-3557</b>		Material: Aluminum	6	5/64" 5/64" 3/16"	0.9273"	1.540"
				Recessed head w/ 2 valve trough reliefs				
				Recess Depth: 0.125"				
				Recess Diameter: 3.250"				
				STD, .020", .030", .040", .060"	Pin Hole Location: Offset			
				<b>Piston Ring Sets:</b>	Cast Iron: <b>50564CP</b> Premium: <b>40564CP</b>			

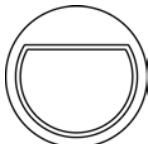
1996-1992	W	<b>224-3558</b>		Material: Hypereutectic	6	5/64" 5/64" 3/16"	0.9273"	1.540"
				Recessed head w/ 4 valve reliefs				
				Recess Depth: 0.070"				
				Recess Diameter: 3.140"				
				Use with 1986 & earlier rings.				
				STD, .020", .030", .040", .060"	Pin Hole Location: Offset			
				<b>Piston Ring Sets:</b>	Cast Iron: <b>51684CP</b> Premium: <b>41684CP</b>			

2002, 1999-1996	X	<b>224-3560</b>		Material: Hypereutectic	6	1.50mm 1.50mm 3.00mm	0.9273"	1.540"
2002-1995	W			Recessed head w/ 4 valve reliefs				
				Recess Depth: 0.080"				
				Recess Diameter: 3.100"				
				Shallow groove, coated skirts				
				STD, .020", .030", .040", .060"	Pin Hole Location: Offset			
				<b>Piston Ring Sets:</b>	Cast Iron: <b>51786CP</b> Premium: <b>41786</b>			

## 14 283 CID (4.6L) V8 3.88" (98.6mm) Chevrolet 14

1967-1957	-	<b>224-1544</b>		Material: Aluminum	8	5/64" 5/64" 3/16"	0.9273"	1.779"
				Flat Head w/4 Valve Reliefs				
				STD, .020", .030", .040", .060"	Pin Hole Location: Offset			
				<b>Piston Ring Sets:</b>	Cast Iron: <b>50076CP</b> Premium: <b>40076CP</b>			

## 15 292 CID (4.8L) L6 3.88" (98.4mm) Chevrolet 15

1989-1972	T	<b>224-1889</b>		Material: Aluminum	6	3/32" 3/32" 3/16"	0.9273"	2.009"
1974, 1972-1968	S			D Shape Recessed Head				
1970-1969, 1967-1963	-			Recess Depth: 0.300"				
				Except Liquid Propane Gas.				
				STD, .020", .030", .040", .060"	Pin Hole Location: Center			
				<b>Piston Ring Sets:</b>	Cast Iron: <b>50533CP</b> Premium: <b>40533CP</b>			

# GENERAL MOTORS TRUCK

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RINGS




PIN DIA

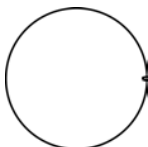



COMP HGT

<b>16</b>	<b>292 CID (4.8L) L6 3.88" (98.4mm) Chevrolet LPG</b>		<b>16</b>
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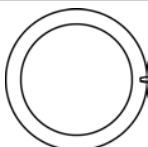
1974	T	<b>224-1889</b>		Material: Aluminum	6	3/32"	0.9273"	2.009"
1974	S			D Shape Recessed Head Recess Depth: 0.300" Except Liquid Propane Gas.	3/32" 3/16"			
			STD, .020", .030", .040", .060"	Pin Hole Location: Center				
								<b>Piston Ring Sets:</b> Cast Iron: <b>50533CP</b> Premium: <b>40533CP</b>


<b>17</b>	<b>294 CID (4.8L) V8 3.78" (96.0mm) Vortec</b>		<b>17</b>
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2004-1999	V	<b>224-3424</b>		Material: Hypereutectic	8	1.50mm	0.95"	1.324"
				Flat Head	1.50mm 3.00mm			
			STD, .020", .030", .040"					
<b>Notes:</b> Coated								<b>Piston Ring Sets:</b> Premium: <b>41859CP</b>

2002-1999	V	<b>224-3535</b>		Material: Aluminum Casting Number: 96L70	8	1.50mm	0.9449"	1.313"
				Flat .25mm Reduced CH. Coated skirts. Shallow Ring Grooves, Fixed Pin	1.50mm 3.00mm			
			STD, 50MM, 75MM, 100MM	Pin Hole Location: Offset				
<b>Notes:</b> with Shallow Oil Groove								<b>Piston Ring Sets:</b> Premium: <b>41859CP</b>

<b>18</b>	<b>305 CID (5.0L) V8 3.74" (94.9mm) Chevrolet</b>		<b>18</b>
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1986-1981	F	<b>224-2012</b>		Material: Aluminum	8	5/64"	0.9273"	1.540"
1986-1979	H			Recessed Head	5/64"			
1981-1980	G			Recess Depth: 0.090"	3/16"			
1979-1977	U			Recess Diameter: 3.160"				
1976	Q							
			STD, .020", .030", .040", .060"	Pin Hole Location: Offset				
<b>Notes:</b> For Trucks, Vans: with Deep Oil Ring Grooves								<b>Piston Ring Sets:</b> Cast Iron: <b>51137CP</b> Premium: <b>41137CP</b>

1995-1987	H	<b>224-2558</b>		Material: Aluminum	8	5/64"	0.9275"	1.54"
				Recessed Head w/4 Valve Reliefs Recess Depth: 0.040" Recess Diameter: 3.100"	5/64" 3/16"			
			STD, .020", .030", .040", .060"	Pin Hole Location: Offset				
<b>Piston Ring Sets:</b> Cast Iron: <b>51137CP</b> Premium: <b>41137CP</b>								

# GENERAL MOTORS TRUCK



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RINGS

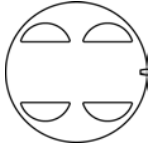


PIN DIA



COMP HGT


## 18 (cont.) 305 CID (5.0L) V8 3.74" (94.9mm) Chevrolet 18 (cont.)

1989-1979	H	<b>224-2583</b>	 Material: Hypereutectic Flat Head w/4 Valve Reliefs STD, .020", .030", .040"	8	5/64"	0.9273"	1.540"
1986-1981	F						
1981-1980	G						
1979-1977	U						
1976	Q						


Pin Hole Location: Offset

**Notes:** Replace in Complete Sets

**Piston Ring Sets:** Cast Iron: **51137CP**  
Premium: **41137CP**

1996	H	<b>224-3420</b>	 Material: Aluminum Recessed Head w/4 Valve Reliefs In Recess Recess Depth: 0.040" Recess Diameter: 3.130" STD, .020", .030", .040", .060"	8	5/64"	0.9273"	1.54"


**Piston Ring Sets:** Cast Iron: **51137CP**  
Premium: **41137CP**

1986-1982	H	<b>224-3574</b>	 Material: Hypereutectic Flat Head w/ 4 valve reliefs Coated Skirts STD, .030", .040", .060"	8	5/64"	0.9273"	1.540"
1986-1982	F						

Pin Hole Location: Offset

**Piston Ring Sets:** Cast Iron: **51137CP**  
Premium: **41137CP**

## 19 305 CID (5.0L) V8 3.74" (94.9mm) Vortec 19

2002-1996	M	<b>224-3420</b>	 Material: Aluminum Recessed Head w/4 Valve Reliefs In Recess Recess Depth: 0.040" Recess Diameter: 3.130" STD, .020", .030", .040", .060"	8	5/64"	0.9273"	1.54"

**Piston Ring Sets:** Cast Iron: **51137CP**  
Premium: **41137CP**

# GENERAL MOTORS TRUCK

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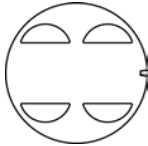
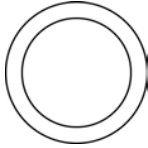
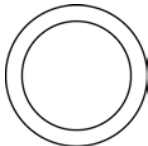
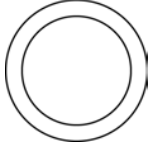
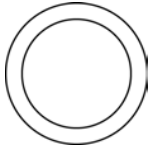
RINGS



PIN DIA



COMP HGT

20		307 CID (5.0L) V8 3.88" (98.6mm) Chevrolet				20			
1973	X	<b>224-1737</b>		Material: Aluminum	8	5/64"	0.9273"	1.655"	
1973-1971	F			Flat Head w/4 Valve Reliefs		5/64"			
1972-1971	-					3/16"			
1971	P								
1971	H								
1970	A			STD, .030", .040", .060"					Pin Hole Location: Offset
1970	B								
1969	U								
1969-1968	E								
1969	DC								
1968	ME								
				<b>Piston Ring Sets:</b>	Cast Iron:	<b>50076CP</b>			
					Premium:	<b>40076CP</b>			
21		323 CID (5.3L) V8 3.78" (96.0mm) Vortec				21			
2004-2003	P	<b>224-3425</b>		Material: Hypereutectic	8	1.50mm	0.9451"	1.328"	
2004-1999	T			Recessed Head		1.50mm			
2003-2002	Z			Recess Depth: 0.068" Recess Diameter: 3.050" Shallow Ring Grooves, Truck engine		3.00mm			
			STD, .020", .030", .040"						
<b>Notes:</b>		Coated		<b>Piston Ring Sets:</b>		Premium: <b>41859CP</b>			
22		325 CID (5.3L) V8 3.78" (96.0mm) Vortec				22			
2003-2002	Z	<b>224-3536</b>		Material: Aluminum	8	1.50mm	0.9449"	1.313"	
2003-1999	T			Casting Number: 96L70		1.50mm			
			Recessed head			3.00mm			
			Recess Depth: 0.071" Recess Diameter: 3.992" 0.25mm Reduced CH. Coated skirts. Shallow Ring Grooves, Fixed Pin					Pin Hole Location: Offset	
			STD, 50MM, 75MM, 100MM						
<b>Notes:</b>		Coated		<b>Piston Ring Sets:</b>		Premium: <b>41859CP</b>			
22		325 CID (5.3L) V8 3.78" (96.0mm) Vortec				22			
2004-2002	T	<b>224-3425</b>		Material: Hypereutectic	8	1.50mm	0.9451"	1.328"	
2004-2003	P			Recessed Head		1.50mm			
2004	-			Recess Depth: 0.068" Recess Diameter: 3.050" Shallow Ring Grooves, Truck engine		3.00mm			
			STD, .020", .030", .040"						
<b>Notes:</b>		Coated		<b>Piston Ring Sets:</b>		Premium: <b>41859CP</b>			
22		325 CID (5.3L) V8 3.78" (96.0mm) Vortec				22			
2003-2002	T	<b>224-3536</b>		Material: Aluminum	8	1.50mm	0.9449"	1.313"	
				Casting Number: 96L70					
			Recessed head			3.00mm			
			Recess Depth: 0.071" Recess Diameter: 3.992" 0.25mm Reduced CH. Coated skirts. Shallow Ring Grooves, Fixed Pin					Pin Hole Location: Offset	
			STD, 50MM, 75MM, 100MM						
<b>Notes:</b>		Coated		<b>Piston Ring Sets:</b>		Premium: <b>41859CP</b>			

# GENERAL MOTORS TRUCK



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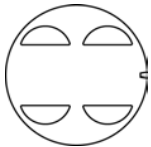



PIN DIA




COMP HGT


<b>23</b>	<b>327 CID (5.4L) V8 4.00" (101.6mm) Chevrolet</b>	<b>23</b>
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1967	-	<b>224-1527</b>		Material: Aluminum Flat Head w/4 Valve Reliefs	8	5/64" 5/64" 3/16"	0.9273" 1.654"
STD, .020", .030", .040", .060"				Pin Hole Location: Offset			
				<b>Piston Ring Sets:</b> Cast Iron: <b>50564CP</b> Premium: <b>40564CP</b>			

1968	HJ	<b>224-1885</b>		Material: Aluminum Recessed Head w/2 Valve Reliefs In Recess Recess Depth: 0.065" Recess Diameter: 3.150"	8	5/64" 5/64" 3/16"	0.9273" 1.655"
1968	E						
1968-1964,	-						
1962							
STD, .030", .040", .060"				Pin Hole Location: Center			
<b>Notes:</b> For Trucks, Vans: Low Compression				<b>Piston Ring Sets:</b> Cast Iron: <b>50564CP</b> Premium: <b>40564CP</b>			

<b>24</b>	<b>350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet CNG</b>	<b>24</b>
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1993-1992	K	<b>224-2694</b>		Recessed Head w/4 Valve Reliefs In Recess Recess Depth: 0.080" Recess Diameter: 3.160" Use 1986 & earlier rings.	8	5/64" 5/64" 3/16"	0.9273" 1.54"
STD, .020", .030", .040", .060", .080"				Pin Hole Location: Offset			
				<b>Piston Ring Sets:</b> Cast Iron: <b>50564CP</b> Premium: <b>40564CP</b>			

1996	K	<b>224-2745</b>		Recessed Head w/2 Trench Type Valve Reliefs Recess Depth: 0.125" Recess Diameter: 3.250"	8	5/64" 5/64" 3/16"	0.9273" 1.54"
STD, .020", .030", .040", .060"				Pin Hole Location: Offset			
<b>Notes:</b> For Medium Duty, Trucks, Vans: with Heavy Duty Emissions				<b>Piston Ring Sets:</b> Cast Iron: <b>51476CP</b> Premium: <b>41476CP</b>			

1996	K	<b>224-2948</b>		Material: Hypereutectic Recessed Head w/4 Valve Reliefs In Recess Recess Depth: 0.07" Recess Diameter: 3.140" 12cc. Use 1986 & earlier rings. Not intended for racing applications. Destroyed .020". Deep Groove.	8	5/64" 5/64" 3/16"	0.9273" 1.54"
STD, .020", .030", .040", .060"				Pin Hole Location: Offset			
<b>Notes:</b> Replace in Complete Sets				<b>Piston Ring Sets:</b> Cast Iron: <b>50564CP</b> Premium: <b>40564CP</b>			

# GENERAL MOTORS TRUCK

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RINGS





PIN DIA




COMP HGT


<b>24 (cont.)</b>	<b>350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet CNG</b>	<b>24 (cont.)</b>
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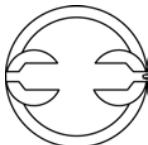
1995, 1993-1992	K	<b>224-3543</b>		Material: Hypereutectic Casting Number: 101L63  Recessed head w/ 4 valve reliefs Recess Depth: 0.1023" Recess Diameter: 2.767" Coated skirts. Replace in Full sets only	8	5/64" 5/64" 3/16"	0.9279"	1.55"	Pin Hole Location: Offset	
			STD, .020", .030", .040", .060"							
				<b>Piston Ring Sets:</b> Cast Iron: <b>50564CP</b> Premium: <b>40564CP</b>						

1995, 1993-1992	K	<b>224-3544</b>		Material: Hypereutectic Casting Number: 101L63  Recessed head w/ 4 valve reliefs Recess Depth: 0.1023" Recess Diameter: 2.767" Replace in Full Sets only	8	5/64" 5/64" 3/16"	0.9279"	1.55"	Pin Hole Location: Offset	
			STD, .020", .030", .040", .060"							
				<b>Piston Ring Sets:</b> Cast Iron: <b>50564CP</b> Premium: <b>40564CP</b>						

1996-1995, 1993-1992	K	<b>224-3559</b>		Material: Hypereutectic  Recessed head w/ 4 valve reliefs Recess Depth: 0.08" Recess Diameter: 3.100" Shallow Ring Grooves	8	2.00mm 1.50mm 4.00mm	0.9273"	1.54"	Pin Hole Location: Offset	
			STD, .020", .030", .040", .060"							
				<b>Piston Ring Sets:</b> Premium: <b>2M4626</b>						

<b>25</b>	<b>350 CID (5.7L) V8 4.00" (101.6mm) Vortec CNG</b>	<b>25</b>
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2001-1997	R	<b>224-3402</b>		Material: Hypereutectic  Recessed Head w/4 Valve Reliefs In Recess Recess Depth: 0.08" Recess Diameter: 3.100" Coated Skirts, Shallow Ring Groove. Not intended for Racing Applications.	8	1.50mm 1.50mm 3.00mm	0.9273"	1.54"	Pin Hole Location: Offset	
			STD, .020", .030", .040", .060"							
				<b>Piston Ring Sets:</b> Premium: <b>41785</b>						

1998-1997	R	<b>224-3559</b>		Material: Hypereutectic  Recessed head w/ 4 valve reliefs Recess Depth: 0.08" Recess Diameter: 3.100" Shallow Ring Grooves	8	2.00mm 1.50mm 4.00mm	0.9273"	1.54"	Pin Hole Location: Offset	
			STD, .020", .030", .040", .060"							
				<b>Piston Ring Sets:</b> Premium: <b>2M4626</b>						

# GENERAL MOTORS TRUCK



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SPECS

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RINGS

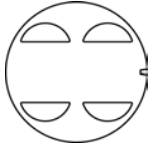


PIN DIA



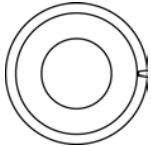
COMP HGT

<b>26</b>	<b>350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet</b>		<b>26</b>
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1990-1987, 1973	K	<b>224-2511</b>		Material: Hypereutectic	8	5/64" 5/64"	0.9273"	1.54"
1988-1982	M			Flat Head w/4 Valve Reliefs		3/16"		
1986-1982, 1979,	L			Not intended for Racing. Destroyed .020", Coated Skirts				
1977-1974		STD, .020", .030", .040", .060"					Pin Hole Location: Offset	
1984-1983	N							
1984	E							
1976	V							
1975-1972	H							
1972	J							
1971	-							


**Notes:** For Medium Duty, Trucks, Vans: Replace in Complete Sets  
For Medium Duty, Vans: Performer

**Piston Ring Sets:** Cast Iron: **50564CP**  
Premium: **40564CP**

1977-1974	L	<b>224-2517</b>		Material: Aluminum	8	5/64" 5/64"	0.9273"	1.540"
1976	V			Recessed Head		3/16"		
1975-1972	H			Recess Depth: 0.270"				
1973	K			Recess Diameter: 3.300"				
1972	J			For use with 305 heads.				
1971	-	STD, .020", .030", .040", .060"					Pin Hole Location: Offset	

**Notes:** For Trucks from 1971 to 1977: Replace in Complete Sets

**Piston Ring Sets:** Cast Iron: **50564CP**  
Premium: **40564CP**

1993-1987, 1973, 1971	K	<b>224-2694</b>		Recessed Head w/4 Valve Reliefs In Recess	8	5/64" 5/64"	0.9273"	1.54"
1988-1979	M			Recess Depth: 0.080"		3/16"		
1986-1974	L			Recess Diameter: 3.160"				
1984, 1972-1971	E	STD, .020", .030", .040", .060", .080"		Use 1986 & earlier rings.			Pin Hole Location: Offset	
1984-1983	N							
1981-1978	Z							
1980	P							
1976-1973	V							
1975-1973	Y							
1975-1972	H							
1974	W							
1972	J							
1971	A							
1971	B							
1971	-							

**Notes:** For Medium Duty, Trucks, Vans from 1987 to 1989:  
Except Heavy Duty Emission Control  
For Trucks, Vans from 1971 to 1986: Light Duty

**Piston Ring Sets:** Cast Iron: **50564CP**  
Premium: **40564CP**

# GENERAL MOTORS TRUCK

# MAHLE



YEAR

VIN

PART NUMBER



SPECS




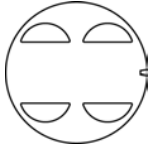
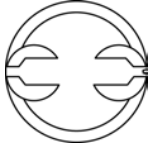
RINGS



PIN DIA



COMP HGT

26 (cont.)		350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet				26 (cont.)			
1996, 1989-1987	K	<b>224-2745</b>		Recessed Head w/2 Trench Type Valve Reliefs Recess Depth: 0.125" Recess Diameter: 3.250"	8	5/64"	0.9273"	1.54"	
1988-1987	M					5/64" 3/16"			
			STD, .020", .030", .040", .060"			Pin Hole Location: Offset			
<b>Notes:</b> For Medium Duty, Trucks, Vans: with Heavy Duty Emissions				<b>Piston Ring Sets:</b> Cast Iron: <b>51476CP</b> Premium: <b>41476CP</b>					
1970-1969 1970-1969	E -	<b>224-2770</b>		Flat Head w/4 Valve Reliefs	8	5/64"	0.9273"	1.54"	
						5/64" 3/16"			
			STD, .020", .030", .040", .060"			Pin Hole Location: Offset			
<b>Notes:</b>				<b>Piston Ring Sets:</b> Cast Iron: <b>50564CP</b> Premium: <b>40564CP</b>					
1996, 1989-1987, 1973, 1971	K	<b>224-2948</b>		Material: Hypereutectic Recessed Head w/4 Valve Reliefs In Recess Recess Depth: 0.07" Recess Diameter: 3.140"	8	5/64"	0.9273"	1.54"	
1988-1979 1986-1974 1984, 1972-1969	M L E					5/64" 3/16"			
1984-1983 1981-1978 1980 1976-1973 1975-1973 1975-1972 1974 1972 1971 1971 1971-1969	N Z P V Y H W J A B -	STD, .020", .030", .040", .060"		12cc. Use 1986 & earlier rings. Not intended for racing applications. Destroyed .020". Deep Groove.			Pin Hole Location: Offset		
<b>Notes:</b> Replace in Complete Sets				<b>Piston Ring Sets:</b> Cast Iron: <b>50564CP</b> Premium: <b>40564CP</b>					

# GENERAL MOTORS TRUCK

# MAHLE



YEAR

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PART NUMBER



SPECS

QTY



RINGS




PIN DIA

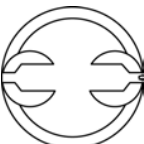


COMP HGT

**26 (cont.) 350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet 26 (cont.)**

1995-1987, 1973, 1971	K	<b>224-3543</b>	 <p>Material: Hypereutectic Casting Number: 101L63</p> <p>Recessed head w/ 4 valve reliefs Recess Depth: 0.1023" Recess Diameter: 2.767" Coated skirts. Replace in Full sets only</p>	8	5/64" 5/64" 3/16"	0.9279"	1.55"
1988-1979	M						
1986-1974	L						
1980	P	STD, .020", .030", .040", .060"					Pin Hole Location: Offset
1976-1973	V						
1975-1973	Y						
1974-1972	H						
1974	W						
1972	J						
1972-1971	E						
1971	-						
1971	B						
1971	A						

**Piston Ring Sets:** Cast Iron: **50564CP**  
Premium: **40564CP**

1995-1987, 1973, 1971	K	<b>224-3544</b>	 <p>Material: Hypereutectic Casting Number: 101L63</p> <p>Recessed head w/ 4 valve reliefs Recess Depth: 0.1023" Recess Diameter: 2.767" Replace in Full Sets only</p>	8	5/64" 5/64" 3/16"	0.9279"	1.55"
1988-1979	M						
1986-1974	L						
1980	P	STD, .020", .030", .040", .060"					Pin Hole Location: Offset
1976-1973	V						
1975-1973	Y						
1974-1972	H						
1974	W						
1972	J						
1972-1971	E						
1971	-						
1971	B						
1971	A						

**Piston Ring Sets:** Cast Iron: **50564CP**  
Premium: **40564CP**

# GENERAL MOTORS TRUCK

# MAHLE



YEAR

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PART NUMBER



SPECS



RINGS

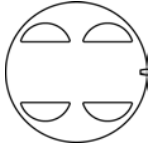


PIN DIA

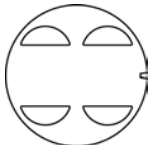


COMP HGT


**26 (cont.)** **350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet** **26 (cont.)**

1990-1987, 1973, 1971	K	<b>224-3547</b>		Material: Hypereutectic Casting Number: 101L63  Flat w/ 4 valve reliefs Coated skirts	8	5/64" 5/64" 3/16"	0.9279"	1.55"
1988-1979	M							
1986-1974	L							
1980	P	STD, .020", .030", .040", .060"						Pin Hole Location: Offset
1976-1973	V							
1975-1973	Y							
1974-1972	H							
1974	W							
1972	J							
1972-1969	E							
1971-1969	-							
1971	B							
1971	A							

**Piston Ring Sets:** Cast Iron: **50564CP**  
Premium: **40564CP**

1990-1987, 1973, 1971	K	<b>224-3548</b>		Material: Hypereutectic Casting Number: 101L63  Flat w/ 4 valve reliefs	8	5/64" 5/64" 3/16"	0.9279"	1.55"
1988-1979	M							
1986-1974	L							
1980	P	STD, .020", .030", .040", .060"						Pin Hole Location: Offset
1976-1973	V							
1975-1973	Y							
1974-1972	H							
1974	W							
1972	J							
1972-1969	E							
1971-1969	-							
1971	B							
1971	A							

**Piston Ring Sets:** Cast Iron: **50564CP**  
Premium: **40564CP**

1996-1992	K	<b>224-3559</b>		Material: Hypereutectic  Recessed head w/ 4 valve reliefs Recess Depth: 0.08" Recess Diameter: 3.100" Shallow Ring Grooves	8	2.00mm 1.50mm 4.00mm	0.9273"	1.54"
		STD, .020", .030", .040", .060"						Pin Hole Location: Offset

**Piston Ring Sets:** Premium: **2M4626**

# GENERAL MOTORS TRUCK

# MAHLE



YEAR

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PART NUMBER



SPECS

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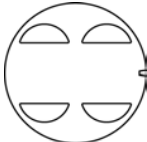




RINGS



PIN DIA



COMP HGT

27		350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet LF5				27		
1990-1982	A	<b>224-2511</b>	 <p>Material: Hypereutectic Flat Head w/4 Valve Reliefs Not intended for Racing. Destroyed .020", Coated Skirts</p> <p>STD, .020", .030", .040", .060"</p>	8	5/64" 5/64" 3/16"	0.9273"	1.54"	Pin Hole Location: Offset
<b>Notes:</b>		For Medium Duty, Trucks, Vans: Replace in Complete Sets For Medium Duty, Vans: Performer		<b>Piston Ring Sets:</b>		Cast Iron: <b>50564CP</b> Premium: <b>40564CP</b>		
1990-1980	A	<b>224-2694</b>	 <p>Recessed Head w/4 Valve Reliefs In Recess Recess Depth: 0.080" Recess Diameter: 3.160" Use 1986 &amp; earlier rings.</p> <p>STD, .020", .030", .040", .060", .080"</p>	8	5/64" 5/64" 3/16"	0.9273"	1.54"	Pin Hole Location: Offset
<b>Notes:</b>		For Medium Duty, Trucks, Vans from 1987 to 1989: Except Heavy Duty Emission Control For Trucks, Vans from 1980 to 1986: Light Duty		<b>Piston Ring Sets:</b>		Cast Iron: <b>50564CP</b> Premium: <b>40564CP</b>		
1989-1987	A	<b>224-2745</b>	 <p>Recessed Head w/2 Trench Type Valve Reliefs Recess Depth: 0.125" Recess Diameter: 3.250"</p> <p>STD, .020", .030", .040", .060"</p>	8	5/64" 5/64" 3/16"	0.9273"	1.54"	Pin Hole Location: Offset
<b>Notes:</b>		For Medium Duty, Trucks, Vans: with Heavy Duty Emissions		<b>Piston Ring Sets:</b>		Cast Iron: <b>51476CP</b> Premium: <b>41476CP</b>		
1989-1980	A	<b>224-2948</b>	 <p>Material: Hypereutectic Recessed Head w/4 Valve Reliefs In Recess Recess Depth: 0.07" Recess Diameter: 3.140" 12cc. Use 1986 &amp; earlier rings. Not intended for racing applications. Destroyed .020". Deep Groove.</p> <p>STD, .020", .030", .040", .060"</p>	8	5/64" 5/64" 3/16"	0.9273"	1.54"	Pin Hole Location: Offset
<b>Notes:</b>		Replace in Complete Sets		<b>Piston Ring Sets:</b>		Cast Iron: <b>50564CP</b> Premium: <b>40564CP</b>		
1990-1980	A	<b>224-3543</b>	 <p>Material: Hypereutectic Casting Number: 101L63 Recessed head w/ 4 valve reliefs Recess Depth: 0.1023" Recess Diameter: 2.767" Coated skirts. Replace in Full sets only</p> <p>STD, .020", .030", .040", .060"</p>	8	5/64" 5/64" 3/16"	0.9279"	1.55"	Pin Hole Location: Offset
<b>Notes:</b>				<b>Piston Ring Sets:</b>		Cast Iron: <b>50564CP</b> Premium: <b>40564CP</b>		

# GENERAL MOTORS TRUCK

# MAHLE



YEAR

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PART NUMBER



SPECS

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RINGS





PIN DIA

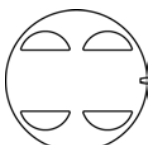


COMP HGT

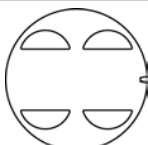
## 27 (cont.) 350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet LF5 27 (cont.)

1990-1980	A	<b>224-3544</b>		Material: Hypereutectic Casting Number: 101L63	8	5/64" 5/64" 3/16"	0.9279"	1.55"
STD, .020", .030", .040", .060"				Recessed head w/ 4 valve reliefs Recess Depth: 0.1023" Recess Diameter: 2.767" Replace in Full Sets only	Pin Hole Location: Offset			
				<b>Piston Ring Sets:</b>	Cast Iron: <b>50564CP</b> Premium: <b>40564CP</b>			

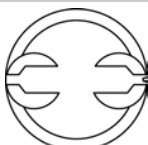
1990-1980	A	<b>224-3547</b>		Material: Hypereutectic Casting Number: 101L63	8	5/64" 5/64" 3/16"	0.9279"	1.55"
STD, .020", .030", .040", .060"				Flat w/ 4 valve reliefs Coated skirts	Pin Hole Location: Offset			
				<b>Piston Ring Sets:</b>	Cast Iron: <b>50564CP</b> Premium: <b>40564CP</b>			

1990-1980	A	<b>224-3548</b>		Material: Hypereutectic Casting Number: 101L63	8	5/64" 5/64" 3/16"	0.9279"	1.55"
STD, .020", .030", .040", .060"				Flat w/ 4 valve reliefs	Pin Hole Location: Offset			
				<b>Piston Ring Sets:</b>	Cast Iron: <b>50564CP</b> Premium: <b>40564CP</b>			

## 28 350 CID (5.7L) V8 3.88" (98.4mm) Pontiac 28

1984	E	<b>224-1749</b>		Material: Aluminum	8	5/64" 5/64" 3/16"	0.9805"	1.7"
STD, .030", .040", .060"				Flat Head w/4 Valve Reliefs	Pin Hole Location: Offset			
				<b>Piston Ring Sets:</b>	Cast Iron: <b>50076CP</b> Premium: <b>40076CP</b>			

## 29 350 CID (5.7L) V8 4.00" (101.6mm) Vortec 29

2002-1997	R	<b>224-3402</b>		Material: Hypereutectic	8	1.50mm 1.50mm 3.00mm	0.9273"	1.54"
STD, .020", .030", .040", .060"				Recessed Head w/4 Valve Reliefs In Recess Recess Depth: 0.08" Recess Diameter: 3.100" Coated Skirts, Shallow Ring Groove. Not intended for Racing Applications.	Pin Hole Location: Offset			
				<b>Piston Ring Sets:</b>	Premium: <b>41785</b>			

# GENERAL MOTORS TRUCK



YEAR

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PART NUMBER



SPECS

QTY



RINGS





PIN DIA




COMP HGT

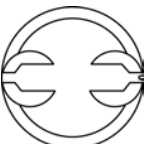
## 29 (cont.) 350 CID (5.7L) V8 4.00" (101.6mm) Vortec 29 (cont.)

1995	R	<b>224-3543</b>		Material: Hypereutectic Casting Number: 101L63	8	5/64" 5/64" 3/16"	0.9279"	1.55"
				Recessed head w/ 4 valve reliefs Recess Depth: 0.1023" Recess Diameter: 2.767" Coated skirts. Replace in Full sets only	Pin Hole Location: Offset			
				<b>Piston Ring Sets:</b> Cast Iron: <b>50564CP</b> Premium: <b>40564CP</b>				


1995	R	<b>224-3544</b>		Material: Hypereutectic Casting Number: 101L63	8	5/64" 5/64" 3/16"	0.9279"	1.55"
				Recessed head w/ 4 valve reliefs Recess Depth: 0.1023" Recess Diameter: 2.767" Replace in Full Sets only	Pin Hole Location: Offset			
				<b>Piston Ring Sets:</b> Cast Iron: <b>50564CP</b> Premium: <b>40564CP</b>				

1998-1997	R	<b>224-3559</b>		Material: Hypereutectic	8	2.00mm 1.50mm 4.00mm	0.9273"	1.54"
				Recessed head w/ 4 valve reliefs Recess Depth: 0.08" Recess Diameter: 3.100" Shallow Ring Grooves	Pin Hole Location: Offset			
				<b>Piston Ring Sets:</b> Premium: <b>2M4626</b>				

## 30 350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet LPG 30

1974	Y	<b>224-2694</b>		Recessed Head w/4 Valve Reliefs In Recess Recess Depth: 0.080" Recess Diameter: 3.160" Use 1986 & earlier rings.	8	5/64" 5/64" 3/16"	0.9273"	1.54"
1974	W				Pin Hole Location: Offset			
1974	V				Pin Hole Location: Offset			

**Notes:** For Trucks, Vans: Light Duty **Piston Ring Sets:** Cast Iron: **50564CP**  
Premium: **40564CP**

1974	Y	<b>224-2948</b>		Material: Hypereutectic	8	5/64" 5/64" 3/16"	0.9273"	1.54"
1974	W			Recessed Head w/4 Valve Reliefs In Recess Recess Depth: 0.07" Recess Diameter: 3.140"	Pin Hole Location: Offset			
1974	V			12cc. Use 1986 & earlier rings. Not intended for racing applications. Destroyed .020". Deep Groove.	Pin Hole Location: Offset			

**Notes:** Replace in Complete Sets **Piston Ring Sets:** Cast Iron: **50564CP**  
Premium: **40564CP**

# GENERAL MOTORS TRUCK

# MAHLE



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SPECS

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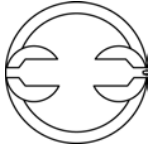
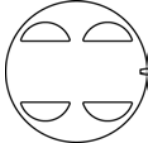
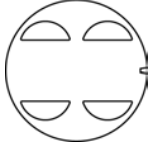
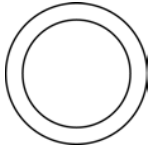
RINGS



PIN DIA



COMP HGT

30 (cont.)		350 CID (5.7L) V8 4.00" (101.6mm) Chevrolet LPG				30 (cont.)		
1974	Y	<b>224-3543</b>		Material: Hypereutectic Casting Number: 101L63	8	5/64"	0.9279"	1.55"
1974	W					5/64"		
1974	V					3/16"		
STD, .020", .030", .040", .060"				Recessed head w/ 4 valve reliefs Recess Depth: 0.1023" Recess Diameter: 2.767" Coated skirts. Replace in Full sets only	Pin Hole Location: Offset			
				<b>Piston Ring Sets:</b>		Cast Iron: <b>50564CP</b> Premium: <b>40564CP</b>		
<hr/>								
1974	Y	<b>224-3544</b>		Material: Hypereutectic Casting Number: 101L63	8	5/64"	0.9279"	1.55"
1974	W					5/64"		
1974	V					3/16"		
STD, .020", .030", .040", .060"				Recessed head w/ 4 valve reliefs Recess Depth: 0.1023" Recess Diameter: 2.767" Replace in Full Sets only	Pin Hole Location: Offset			
				<b>Piston Ring Sets:</b>		Cast Iron: <b>50564CP</b> Premium: <b>40564CP</b>		
<hr/>								
1974	Y	<b>224-3547</b>		Material: Hypereutectic Casting Number: 101L63	8	5/64"	0.9279"	1.55"
1974	W					5/64"		
1974	V					3/16"		
STD, .020", .030", .040", .060"				Flat w/ 4 valve reliefs Coated skirts	Pin Hole Location: Offset			
				<b>Piston Ring Sets:</b>		Cast Iron: <b>50564CP</b> Premium: <b>40564CP</b>		
<hr/>								
1974	Y	<b>224-3548</b>		Material: Hypereutectic Casting Number: 101L63	8	5/64"	0.9279"	1.55"
1974	W					5/64"		
1974	V					3/16"		
STD, .020", .030", .040", .060"				Flat w/ 4 valve reliefs	Pin Hole Location: Offset			
				<b>Piston Ring Sets:</b>		Cast Iron: <b>50564CP</b> Premium: <b>40564CP</b>		
<hr/>								
31		364 CID (6.0L) V8 4.00" (101.6mm) Vortec CNG				31		
2004-2002	U	<b>224-3426</b>		Material: Hypereutectic	8	1.50mm	0.9451"	1.328"
						1.50mm		
STD, .020", .030", .040"				Recessed Head Recess Depth: 0.050" Recess Diameter: 3.050" Truck Eng., Shallow Grooves.	Pin Hole Location: Offset			
<b>Notes:</b>				Coated		<b>Piston Ring Sets:</b>		Premium: <b>41859CP</b>

# GENERAL MOTORS TRUCK



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SPECS

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RINGS

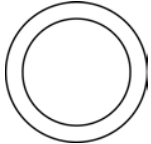


PIN DIA



COMP HGT

<b>32</b>	<b>364 CID (6.0L) V8 4.00" (101.6mm) Vortec</b>		<b>32</b>
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2005-1999	U	<b>224-3426</b>		Material: Hypereutectic	8	1.50mm	0.9451"	1.328"	
2005-2002	N			Recessed Head			1.50mm		
2005	H			Recess Depth: 0.050" Recess Diameter: 3.050" Truck Eng., Shallow Grooves.			3.00mm		


STD, .020", .030", .040"

Pin Hole Location: Offset

**Notes:** Coated

**Piston Ring Sets:** Premium: **41859CP**

<b>33</b>	<b>366 CID (6.0L) V8 3.94" (100.1mm) Chevrolet</b>		<b>33</b>
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1967-1966	-	<b>224-1708</b>		Material: Aluminum	8	3/32"	0.9898"	2.160"	
				Flat Head w/ 1 valve relief			5/64"		
							5/64"		

STD, .020", .030", .040", .060"

**Notes:** Armored Groove

**Piston Ring Sets:** Cast Iron: **51130CP High Vacuum Operation**  
Premium: **41130CP High Vacuum Operation**


<b>34</b>	<b>366 CID (6.0L) V8 3.94" (100.1mm) Chevrolet L86</b>		<b>34</b>
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1984-1980	B	<b>224-1708</b>		Material: Aluminum	8	3/32"	0.9898"	2.160"	
				Flat Head w/ 1 valve relief			5/64"		
							5/64"		

STD, .020", .030", .040", .060"

**Notes:** Armored Groove

**Piston Ring Sets:** Cast Iron: **51130CP High Vacuum Operation**  
Premium: **41130CP High Vacuum Operation**

1991	B	<b>224-3101</b>		Material: Hypereutectic	8	3/32"	0.9898"	2.255"	
				Dome Head w/1 Valve Relief			5/64"		
				Dome Height: 0.95" Not destroked. Shallow Groove.			5/64"		


STD, .020", .030", .040", .060"

Pin Hole Location: Center

**Notes:** Except H5D Emissions

**Piston Ring Sets:** Cast Iron: **51706**  
Premium: **41706**

<b>35</b>	<b>366 CID (6.0L) V8 3.94" (100.1mm) Chevrolet LS0</b>		<b>35</b>
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1993-1991	P	<b>224-3101</b>		Material: Hypereutectic	8	3/32"	0.9898"	2.255"	
				Dome Head w/1 Valve Relief			5/64"		
				Dome Height: 0.95" Not destroked. Shallow Groove.			5/64"		

STD, .020", .030", .040", .060"

Pin Hole Location: Center

**Notes:** Except H5D Emissions

**Piston Ring Sets:** Cast Iron: **51706**  
Premium: **41706**

# GENERAL MOTORS TRUCK

# MAHLE



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SPECS

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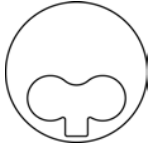


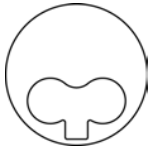

RINGS



PIN DIA



COMP HGT

36		379 CID (6.2L) V8 3.98" (101.0mm) DIESEL				36		
1993-1982	J	<b>224-2185</b>		Material: Aluminum Casting Number: 101V3	8	3.00mm 2.00mm 4.00mm	1.22"	2.119"
1993-1982	C							
			STD, .020", .030", .040", .060"	Ricardo Bowl Head Recess Depth: 0.158" Cylinders 1 thru 6 Require .0045" Piston to Cylinder Wall Clearance, Cylinders 7 and 8 Require .0055" Piston to Cylinder Wall Clearance.Ni-Resist Ring Carrier.	Pin Hole Location: Floating & offset			
<b>Notes:</b>		Armored Groove		<b>Piston Ring Sets:</b> Premium: <b>41286 (Chrome)</b> ,				
37		395 CID (6.5L) V8 4.06" (103.0mm) DIESEL				37		
1993-1982	J	<b>224-3496</b>		Material: Aluminum Casting Number: 101V3	8	3.00mm 2.00mm 4.00mm	1.22"	2.109"
1993-1982	C							
			STD, .020", .030", .040"	Ricardo Bowl Head Recess Depth: 0.17" Reduced .010" CH	Pin Hole Location: Offset			
37		395 CID (6.5L) V8 4.06" (103.0mm) DIESEL				37		
2002-1992	F	<b>224-2897</b>		Material: Aluminum	8	3.00mm 2.00mm 4.00mm	1.22"	2.119"
1999-1994	S							
1999-1994	Y							
1995-1994	P							
			STD, .020", .030", .040"	Ricardo Bowl Head Recess Depth: 0.158" Hard Anodized Head. Ni Resist Ring Carrier.	Pin Hole Location: Center			
<b>Notes:</b>		Piston Destroyed .010"		<b>Piston Ring Sets:</b> Premium: <b>41718</b>				
37		395 CID (6.5L) V8 4.06" (103.0mm) DIESEL				37		
1997-1994	S	<b>224-3403</b>		Material: Hypereutectic	8	3.00mm 2.00mm 4.00mm	1.22"	2.109"
1997-1994	F							
1997-1994	Y							
1995-1994	P							
			STD, .020", .030", .040"	Ricardo Bowl Head Hard Anodized Head, Ni-Resist ring carrier, .010" REDUCED CH	Pin Hole Location: Center			
<b>Notes:</b>		Piston Destroyed .010"		<b>Piston Ring Sets:</b> Premium: <b>41718</b>				
37		395 CID (6.5L) V8 4.06" (103.0mm) DIESEL				37		
2002-1992	F	<b>2243482HA</b>		Material: Aluminum Casting Number: 103L21A1	8	3.00mm 2.00mm 4.00mm	1.22"	2.119"
1999-1994	S							
			STD, .020", .030", .040"	Ricardo Bowl Head Recess Depth: 0.064" Hard Anodized crown. Coated skirts, Ni-Resist Ring Carrier	Pin Hole Location: Center			
<b>Notes:</b>				<b>Piston Ring Sets:</b> Premium: <b>41718</b>				

# GENERAL MOTORS TRUCK

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PIN DIA




COMP HGT

## 37 (cont.) 395 CID (6.5L) V8 4.06" (103.0mm) DIESEL 37 (cont.)

2002-1992	F	<b>224-3577HA</b>	 STD, .020", .030", .040"	Material: Aluminum Casting Number: 103L21A1  Ricardo Bowl Head Recess Depth: 0.064" Hard Anodized Crown, Coated Skirts, .010" Reduced Compression Height. NI Resist Ring Carrier	8	3.00mm	2.1078"	
1999-1994	S							2.00mm
1999-1994	Y							4.00mm
1995-1994	P							


**Piston Ring Sets:** Premium: **41718**

## 38 395 CID (6.5L) V8 4.06" (103.0mm) L65 DIESEL 38

2002-1999	F	<b>224-2897</b>	 STD, .020", .030", .040"	Material: Aluminum  Ricardo Bowl Head Recess Depth: 0.158" Hard Anodized Head. Ni Resist Ring Carrier.	8	3.00mm	1.22"	2.119"	
									2.00mm
									4.00mm


Pin Hole Location: Center

**Piston Ring Sets:** Premium: **41718**

2002-1999	F	<b>2243482HA</b>	 STD, .020", .030", .040"	Material: Aluminum Casting Number: 103L21A1  Ricardo Bowl Head Recess Depth: 0.064" Hard Anodized crown. Coated skirts, Ni-Resist Ring Carrier	8	3.00mm	1.22"	2.119"	
									2.00mm
									4.00mm

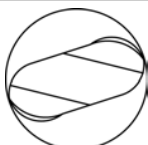
Pin Hole Location: Center

**Piston Ring Sets:** Premium: **41718**

2002-1999	F	<b>224-3577HA</b>	 STD, .020", .030", .040"	Material: Aluminum Casting Number: 103L21A1  Ricardo Bowl Head Recess Depth: 0.064" Hard Anodized Crown, Coated Skirts, .010" Reduced Compression Height. NI Resist Ring Carrier	8	3.00mm	2.1078"	
								2.00mm
								4.00mm

**Piston Ring Sets:** Premium: **41718**

## 39 396 CID (6.5L) V8 4.09" (103.9mm) Chevrolet 39

1969-1968	Y	<b>224-2877</b>	 STD, .030", .040", .060"	Material: Aluminum  Raised Head w/2 Valve Reliefs Dome Volume: Used in either right or left cylinder bank.	8	5/64"	0.9898"	1.747"	
1969-1968	E								5/64"
1969-1966	-								3/16"

Pin Hole Location: Offset

**Piston Ring Sets:** Cast Iron: **50460**  
Premium: **40460**

# GENERAL MOTORS TRUCK

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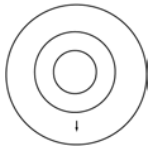
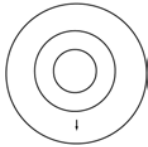
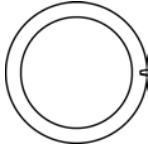
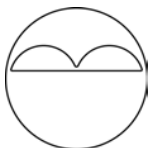
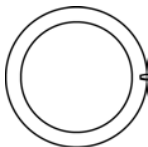
RINGS



PIN DIA



COMP HGT

40		400 CID (6.6L) V8 4.06" (103.0mm) Duramax DIESEL				40			
2004	2	<b>224-3451</b>		Material: Aluminum Casting Number: 103V12	4	3.00mm 2.00mm 3.00mm	1.358"	1.961"	
2004-2001	1								Flat with combustion chamber Recess Depth: 0.598" LEFT BANK. Keystone top ring. Gallery cooled ring insert.
<b>Piston Ring Sets:</b> Premium: <b>41909</b>									
2004	2	<b>224-3452</b>		Material: Aluminum Casting Number: 103V12	4	3.00mm 2.00mm 3.00mm	1.358"	1.961"	
2004-2001	1								Flat with combustion chamber Recess Depth: 0.598" RIGHT BANK. Keystone top ring. Gallery cooled ring insert.
<b>Piston Ring Sets:</b> Premium: <b>41909</b>									
41		400 CID (6.6L) V8 4.13" (104.8mm) Chevrolet				41			
1980-1977, 1974	R	<b>224-1852</b>		Material: Aluminum	8	5/64" 5/64" 3/16"	0.9273"	1.540"	
1980	X								Recessed Head
1976-1974	U								Recess Depth: 0.150"
1975	M								Recess Diameter: 3.460"
1970	K								STD, .020", .030", .040", .060"
1970	-								Pin Hole Location: Offset
<b>Piston Ring Sets:</b> Cast Iron: <b>50141CP</b> Premium: <b>40141CP</b>									
1980	X	<b>224-2920</b>		Material: Aluminum	8	5/64" 5/64" 3/16"	0.9272"	1.565"	
1980-1977, 1974	R								Flat Head w/2 Siamese Valve Reliefs
1976-1974	U								5.565" Rod, 3.750" Stroke.
1975	M								Pin Hole Location: Offset
<b>Piston Ring Sets:</b> Cast Iron: <b>50141CP</b> Premium: <b>40141CP</b>									
1980	X	<b>224-3572</b>		Material: Hypereutectic	8	5/64" 5/64" 3/16"	0.9273"	1.540"	
1980-1977	R								Recess Head
1976-1975	U								Recess Depth: 0.150"
1975	M								Recess Diameter: 3.460"
<b>Piston Ring Sets:</b> Cast Iron: <b>50141CP</b> Premium: <b>40141CP</b>									

**Notes:** Performer

STD, .020", .030", .040"

**Piston Ring Sets:** Cast Iron: **50141CP**  
Premium: **40141CP**

**Piston Ring Sets:** Cast Iron: **50141CP**  
Premium: **40141CP**

# GENERAL MOTORS TRUCK



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RINGS

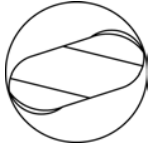


PIN DIA



COMP HGT

42	402 CID (6.6L) V8 4.13" (104.8mm) Chevrolet		42
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1972	U	<b>224-3173</b>		Material: Aluminum	8	5/64"	0.9898"	1.747"
1972-1970	E			0.132" High Crown		5/64"		
1972-1971	-			Use in either LEFT or RIGHT Banks.		3/16"		
1971	K			May use Std. size for a .030' oversize in the 396 CID application				

STD, .030", .040", .060"

**Notes:** For Trucks: Check for Valve & Cylinder Head Interference

**Piston Ring Sets:** Cast Iron: **50141CP**  
Premium: **40141CP**


43	427 CID (7.0L) V8 4.13" (104.8mm) L43		43
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1985-1980	E	<b>224-1860</b>		Material: Aluminum	8	3/32"	0.9898"	2.160"
				Flat Head w/ 1 valve relief		5/64"		
						5/64"		
						3/16"		

STD, .020", .030", .040", .060"

**Notes:** Armored Groove

**Piston Ring Sets:** Cast Iron: **50723CP**  
Premium: **40723CP**

1990-1985	E	<b>224-2741</b>		Recessed Head w/1 Valve Relief Recess Diameter: 2.90" Not destroyed. Iron Top Groove.	8	3/32"	0.9898"	2.16"
						5/64"		
						5/64"		
						3/16"		


STD, .020", .030", .040", .060"

Pin Hole Location: Center

**Notes:** For 1985 : with Heavy Duty Emissions

**Piston Ring Sets:** Cast Iron: **50723CP**  
Premium: **40723CP**

44	427 CID (7.0L) V8 4.13" (104.8mm) LRO		44
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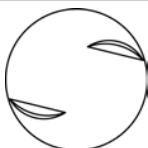
1997-1990	M	<b>224-2741</b>		Recessed Head w/1 Valve Relief Recess Diameter: 2.90" Not destroyed. Iron Top Groove.	8	3/32"	0.9898"	2.16"
						5/64"		
						5/64"		
						3/16"		

STD, .020", .030", .040", .060"

Pin Hole Location: Center

**Piston Ring Sets:** Cast Iron: **50723CP**  
Premium: **40723CP**

45	454 CID (7.4L) V8 4.25" (108.0mm) Chevrolet		45
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1983-1980, 1972	W	<b>224-1870</b>		Material: Aluminum	8	5/64"	0.9898"	1.627"
1980-1976	S			Flat Head w/2 Valve Reliefs		5/64"		
1978-1973	Y			Used in either left or right bank		3/16"		
1975-1974	L			Used in either left or right bank				
1975-1973	Z			For 1970 replace in full sets only.				
1971-1970	E							

STD, .020", .030", .040", .060"

Pin Hole Location: Offset

**Piston Ring Sets:** Cast Iron: **50203CP**  
Premium: **40203CP**

# GENERAL MOTORS TRUCK

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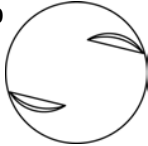


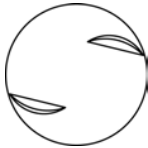
RINGS



PIN DIA



COMP HGT

45 (cont.)		454 CID (7.4L) V8 4.25" (108.0mm) Chevrolet				45 (cont.)	
1989-1981	W	<b>224-2707</b>		Material: Hypereutectic	8	5/64"	0.9898" 1.627"
1975-1973	Y			Recessed Head w/2 Valve Reliefs		5/64"	
1973	Z			Recess Depth: 0.065"		3/16"	
				Recess Diameter: 2.000"			
				Not intended for racing. Coated Skirts			Pin Hole Location: Offset
<b>Notes:</b>		Performer; Replace in Complete Sets			<b>Piston Ring Sets:</b> Cast Iron: <b>50203CP</b> Premium: <b>40203CP</b>		
1983-1980, 1972		W	<b>224-3573.030</b>		Material: Hypereutectic	8	5/64" 1.627"
1980-1976		S				5/64"	
1978-1973		Y				3/16"	
1975-1973		Z					
1975-1974		L					Pin Hole Location: Offset
1971-1970		E					
				.030", .040", .060"			
<b>Notes:</b>					<b>Piston Ring Sets:</b> Cast Iron: <b>50203CP</b> Premium: <b>40203CP</b>		
<b>46</b>		<b>454 CID (7.4L) V8 4.25" (108.0mm)</b>				<b>46</b>	
1990-1987	N	<b>224-2707</b>		Material: Hypereutectic	8	5/64"	0.9898" 1.627"
				Recessed Head w/2 Valve Reliefs		5/64"	
				Recess Depth: 0.065"		3/16"	
				Recess Diameter: 2.000"			
				Not intended for racing. Coated Skirts			Pin Hole Location: Offset
<b>Notes:</b>		Performer; Replace in Complete Sets			<b>Piston Ring Sets:</b> Cast Iron: <b>50203CP</b> Premium: <b>40203CP</b>		
1997-1991	N	<b>224-2775</b>		Material: Hypereutectic	8	5/64"	0.9898" 1.627"
				Recessed Head w/2 Valve Reliefs		5/64"	
				Recess Depth: 0.05"		3/16"	
				Recess Diameter: 2.000"			
				L19 engine. Shallow Groove.Coated Skirts			Pin Hole Location: Offset
<b>Notes:</b>		with Shallow Oil Groove			<b>Piston Ring Sets:</b> Cast Iron: <b>51617</b> Premium: <b>41617</b>		
1996	N	<b>224-3464</b>		Material: Hypereutectic	8		0.9898" 1.627"
				Flat w/ 2 reliefs			
				Use in either the LEFT or Right Banks. Coated Skirts			
				STD, .020", .030", .040", .060"			
<b>Notes:</b>		with Shallow Oil Groove			<b>Piston Ring Sets:</b> Cast Iron: <b>50203CP</b> Premium: <b>40203CP</b>		

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PIN DIA



COMP HGT


<b>47</b>	<b>454 CID (7.4L) V8 4.25" (108.0mm) L19</b>						<b>47</b>
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1996	N	<b>224-2775</b>		Material: Hypereutectic Recessed Head w/2 Valve Reliefs Recess Depth: 0.05" Recess Diameter: 2.000" L19 engine. Shallow Groove.Coated Skirts	8	5/64" 5/64" 3/16"	0.9898"	1.627"
			STD, .020", .030", .040", .060"			Pin Hole Location: Offset		

**Notes:** with Shallow Oil Groove


**Piston Ring Sets:** Cast Iron: **51617**  
Premium: **41617**

<b>48</b>	<b>454 CID (7.4L) V8 4.25" (108.0mm) Vortec</b>						<b>48</b>
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1998-1996 1998	J B	<b>224-2775</b>		Material: Hypereutectic Recessed Head w/2 Valve Reliefs Recess Depth: 0.05" Recess Diameter: 2.000" L19 engine. Shallow Groove.Coated Skirts	8	5/64" 5/64" 3/16"	0.9898"	1.627"
			STD, .020", .030", .040", .060"			Pin Hole Location: Offset		

**Notes:** with Shallow Oil Groove

**Piston Ring Sets:** Cast Iron: **51617**  
Premium: **41617**


1999-1996	J	<b>224-3464</b>		Material: Hypereutectic Flat w/ 2 reliefs Use in either the LEFT or Right Banks. Coated Skirts	8	0.9898"	1.627"
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STD, .020", .030", .040", .060"

**Notes:** with Shallow Oil Groove

**Piston Ring Sets:** Cast Iron: **50203CP**  
Premium: **40203CP**


<b>49</b>	<b>454 CID (7.4L) V8 4.25" (108.0mm) Vortec LP4</b>						<b>49</b>
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1999	D	<b>224-3464</b>		Material: Hypereutectic Flat w/ 2 reliefs Use in either the LEFT or Right Banks. Coated Skirts	8	0.9898"	1.627"	
			STD, .020", .030", .040", .060"					

**Notes:** with Shallow Oil Groove

**Piston Ring Sets:** Cast Iron: **50203CP**  
Premium: **40203CP**

<b>50</b>	<b>496 CID (8.1L) V8 4.25" (108.0mm) Vortec</b>						<b>50</b>
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2004-2001	G	<b>224-3427</b>		Material: Hypereutectic Flat Head w/2 Valve Reliefs Shallow Groove, Coated Skirts	8	2.00mm 2.00mm 4.00mm	1.04"	1.355"
			STD, .020", .030", .040"					

**Notes:** Coated

**Piston Ring Sets:** Premium: **41902CP**

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PIN DIA



COMP HGT

51		496 CID (8.1L) V8 4.25" (108.0mm) Vortec L18						51	
2004-2001	E	224-3427		Material: Hypereutectic Flat Head w/2 Valve Reliefs Shallow Groove, Coated Skirts	8	2.00mm 2.00mm 4.00mm	1.04"	1.355"	
Notes:			Coated	Piston Ring Sets: Premium: 41902CP					

STD, .020", .030", .040"

## HONDA

ENGINE	YEAR	BLOCK
1493 CC (1.5L) SOHC L4 D15B2	1991-1988	1
1493 CC (1.5L) SOHC L4 D15B6	1991-1990	2
1493 CC (1.5L) SOHC L4 D15B7	1995-1992	3
1493 CC (1.5L) SOHC L4 D15B8	1995-1992	4
1493 CC (1.5L) SOHC L4 VTEC D15Z1	1995-1992	5
2254 CC (2.3L) SOHC L4 VTEC F23A1	2002-1998	6
2254 CC (2.3L) SOHC L4 VTEC F23A5	2002-1998	7

MODEL	ENGINE	YEAR	BLOCK
Accord	2254 CC (2.3L) SOHC L4 3.39" (86.0mm) VTEC F23A1	2002-1998	6
Accord	2254 CC (2.3L) SOHC L4 3.39" (86.0mm) VTEC F23A5	2002-1998	7
Civic	1493 CC (1.5L) SOHC L4 2.95" (75.0mm) D15B2	1991-1988	1
Civic	1493 CC (1.5L) SOHC L4 2.95" (75.0mm) D15B7	1995-1992	3
Civic	1493 CC (1.5L) SOHC L4 2.95" (75.0mm) D15B8	1995-1992	4
Civic	1493 CC (1.5L) SOHC L4 2.95" (75.0mm) VTEC D15Z1	1995-1992	5
Civic del Sol	1493 CC (1.5L) SOHC L4 2.95" (75.0mm) D15B7	1995-1993	3
CRX	1493 CC (1.5L) SOHC L4 2.95" (75.0mm) D15B2	1991-1988	1
CRX	1493 CC (1.5L) SOHC L4 2.95" (75.0mm) D15B6	1991-1990	2



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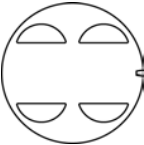
RINGS



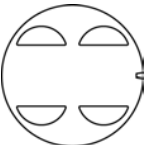
PIN DIA



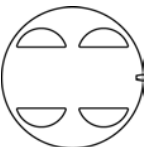
COMP HGT

1	1493 CC (1.5L) SOHC L4 2.95" (75.0mm) D15B2						1	
1991-1988	-	224-3434		Material: Aluminum Flat top w/ 4valve reliefs STD, .020", .040"	4	1.20mm 1.50mm 2.80mm	0.748"	1.195"

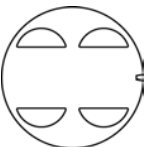
Piston Ring Sets: Premium: 41618

2	1493 CC (1.5L) SOHC L4 2.95" (75.0mm) D15B6						2	
1991-1990	-	224-3434		Material: Aluminum Flat top w/ 4valve reliefs STD, .020", .040"	4	1.20mm 1.50mm 2.80mm	0.748"	1.195"


Piston Ring Sets: Premium: 41618

3	1493 CC (1.5L) SOHC L4 2.95" (75.0mm) D15B7						3	
1995-1992	-	224-3434		Material: Aluminum Flat top w/ 4valve reliefs STD, .020", .040"	4	1.20mm 1.50mm 2.80mm	0.748"	1.195"

Piston Ring Sets: Premium: 41618

4	1493 CC (1.5L) SOHC L4 2.95" (75.0mm) D15B8						4	
1995-1992	-	224-3434		Material: Aluminum Flat top w/ 4valve reliefs STD, .020", .040"	4	1.20mm 1.50mm 2.80mm	0.748"	1.195"

Piston Ring Sets: Premium: 41618

5	1493 CC (1.5L) SOHC L4 2.95" (75.0mm) VTEC D15Z1						5	
1995-1992	-	224-3435		Material: Aluminum Recessed head w/ 4 valve reliefs Recess Depth: 0.283" STD	4	1.00mm 1.20mm 2.80mm	0.748"	1.09"

Piston Ring Sets: Premium: 41618

# HONDA

# MAHLE



YEAR

VIN

PART NUMBER



SPECS

QTY




RINGS




PIN DIA



COMP HGT


6	2254 CC (2.3L) SOHC L4 3.39" (86.0mm) VTEC F23A1						6
2002-1998	-	224-3445		Material: Aluminum Recessed head w/ 4 valve reliefs Recess Depth: 0.118"	4	1.20mm 1.20mm 2.80mm	0.8661" 1.181"
				STD, .020"			
<b>Piston Ring Sets:</b> Premium: <b>41914</b>							

7	2254 CC (2.3L) SOHC L4 3.39" (86.0mm) VTEC F23A5						7
2002-1998	-	224-3446		Material: Aluminum Recessed head w/ 4 valve reliefs	4	1.20mm 1.20mm 2.80mm	0.8661" 1.181"
				STD, .020"			
<b>Piston Ring Sets:</b> Premium: <b>41914</b>							

# HONDA TRUCK

ENGINE	YEAR	BLOCK
2234 CC (2.3L) SOHC L4 VTEC F23A7	1998	1

MODEL	ENGINE	YEAR	BLOCK
Odyssey	2234 CC (2.3L) SOHC L4 3.39" (86.0mm) VTEC F23A7	1998	1

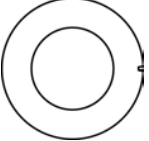
YEAR	VIN	PART NUMBER	SPECS	QTY	RINGS	PIN DIA	COMP HGT
1	2234 CC (2.3L) SOHC L4 3.39" (86.0mm) VTEC F23A7						1
1998	-	224-3445		Material: Aluminum Recessed head w/ 4 valve reliefs Recess Depth: 0.118"	4	1.20mm 1.20mm 2.80mm	0.8661" 1.181"
				STD, .020"			
<b>Piston Ring Sets:</b> Premium: <b>41914</b>							

ENGINE	YEAR	BLOCK
211 CID (3.5L) DOHC L5 General Motors	2006	1
364 CID (6.0L) V8 General Motors Vortec	2005-2003	2
395 CID (6.5L) V8 General Motors DIESEL	2004-1994	3

MODEL	ENGINE	YEAR	BLOCK
H1	395 CID (6.5L) V8 4.06" (103.0mm) General Motors DIESEL	2004-2002	3
H2	364 CID (6.0L) V8 4.00" (101.6mm) General Motors Vortec	2005-2003	2
H3	211 CID (3.5L) DOHC L5 3.66" (91.4mm) General Motors	2006	1
Hummer	395 CID (6.5L) V8 4.06" (103.0mm) General Motors DIESEL	2001-1994	3

YEAR	VIN	PART NUMBER	SPECS	QTY	RINGS	PIN DIA	COMP HGT
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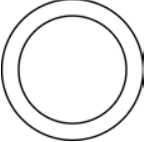
<b>1</b>	<b>211 CID (3.5L) DOHC L5 3.66" (91.4mm) General Motors</b>						<b>1</b>
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2006	6	<b>224-3565</b>	 <p>Material: Aluminum Casting Number: 93L42</p> <p>High dome Dome Height: 0.093" Coated Skirts, This is a 0.010" Reduced CH</p> <p>STD, .010", .020"</p>	5	1.20mm 1.50mm 2.50mm	0.9055"	1.100"
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Pin Hole Location: Offset

**Piston Ring Sets:** Premium: **41935CP**

<b>2</b>	<b>364 CID (6.0L) V8 4.00" (101.6mm) General Motors Vortec</b>						<b>2</b>
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2005-2003	U	<b>224-3426</b>	 <p>Material: Hypereutectic</p> <p>Recessed Head Recess Depth: 0.050" Recess Diameter: 3.050" Truck Eng., Shallow Grooves.</p> <p>STD, .020", .030", .040"</p>	8	1.50mm 1.50mm 3.00mm	0.9451"	1.328"
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Pin Hole Location: Offset

**Notes:** Coated

**Piston Ring Sets:** Premium: **41859CP**

<b>3</b>	<b>395 CID (6.5L) V8 4.06" (103.0mm) General Motors DIESEL</b>						<b>3</b>
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2001-1999	Z	<b>224-2897</b>	 <p>Material: Aluminum</p> <p>Ricardo Bowl Head Recess Depth: 0.158" Hard Anodized Head. Ni Resist Ring Carrier.</p> <p>STD, .020", .030", .040"</p>	8	3.00mm 2.00mm 4.00mm	1.22"	2.119"
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Pin Hole Location: Center

**Piston Ring Sets:** Premium: **41718**

# HUMMER

# MAHLE



YEAR

VIN

PART NUMBER



SPECS

QTY



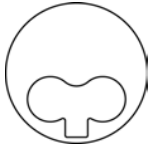

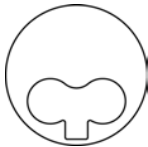
RINGS



PIN DIA



COMP HGT

3 (cont.)		395 CID (6.5L) V8 4.06" (103.0mm) General Motors DIESEL				3 (cont.)		
1997-1996	Z	<b>224-3403</b>	 STD, .020", .030", .040"	Material: Hypereutectic	8	3.00mm	1.22"	2.109"
1997-1994	Y			Ricardo Bowl Head Hard Anodized Head, Ni-Resist ring carrier, .010" REDUCED CH			2.00mm 4.00mm	
<b>Notes:</b>			Piston Destroyed .010"	<b>Piston Ring Sets:</b> Premium: <b>41718</b>				
2004-2002	F	<b>2243482HA</b>	 STD, .020", .030", .040"	Material: Aluminum Casting Number: 103L21A1	8	3.00mm	1.22"	2.119"
2001-1996	Z			Ricardo Bowl Head Recess Depth: 0.064" Hard Anodized crown. Coated skirts, Ni-Resist Ring Carrier			2.00mm 4.00mm	
<b>Notes:</b>				<b>Piston Ring Sets:</b> Premium: <b>41718</b>				
2001-1999	Z	<b>224-3577HA</b>	 STD, .020", .030", .040"	Material: Aluminum Casting Number: 103L21A1	8	3.00mm		2.1078"
				Ricardo Bowl Head Recess Depth: 0.064" Hard Anodized Crown, Coated Skirts, .010" Reduced Compression Height. NI Resist Ring Carrier			2.00mm 4.00mm	
<b>Notes:</b>				<b>Piston Ring Sets:</b> Premium: <b>41718</b>				

# INFINITI TRUCK

ENGINE	YEAR	BLOCK
3275 CC (3.3L) SOHC V6 Nissan VG33E	2000-1997	1

MODEL	ENGINE	YEAR	BLOCK
QX4	3275 CC (3.3L) SOHC V6 3.60" (91.5mm) Nissan VG33E	2000-1997	1

# INFINITI TRUCK



YEAR

VIN

PART NUMBER



SPECS



QTY RINGS



PIN DIA



COMP HGT

1	3275 CC (3.3L) SOHC V6 3.60" (91.5mm) Nissan VG33E			1
2000	-	224-3456	6	
1999-1997	A			

STD, .020"

Piston Ring Sets: Premium: 41924

# ISUZU TRUCK

ENGINE	YEAR	BLOCK
2234 CC (2.3L) SOHC L4 Honda VTEC F23A7	1999	1
2827 CC (2.8L) V6 General Motors Chevrolet	1991-1989	2
169 CID (2.8L) DOHC L4 General Motors	2006	3
211 CID (3.5L) DOHC L5 General Motors	2006	4
256 CID (4.2L) DOHC L6 General Motors Vortec	2005-2003	5
4294 CC (4.3L) V6 General Motors Vortec	1999-1997	6
262 CID (4.3L) V6 General Motors Vortec	2000	7
323 CID (5.3L) V8 General Motors Vortec	2004-2003	8
350 CID (5.7L) V8 General Motors Chevrolet	1995-1992	9
350 CID (5.7L) V8 General Motors Vortec	2002-1996	10

MODEL	ENGINE	YEAR	BLOCK
Ascender	256 CID (4.2L) DOHC L6 3.66" (93.0mm) General Motors Vortec	2005-2003	5
Ascender	323 CID (5.3L) V8 3.78" (96.0mm) General Motors Vortec	2004-2003	8
Hombre	4294 CC (4.3L) V6 4.00" (101.6mm) General Motors Vortec	1999-1997	6
Hombre	262 CID (4.3L) V6 4.00" (101.6mm) General Motors Vortec	2000	7
i-280	169 CID (2.8L) DOHC L4 3.66" (92.96mm) General Motors	2006	3
i-350	211 CID (3.5L) DOHC L5 3.66" (92.96mm) General Motors	2006	4
N	350 CID (5.7L) V8 4.00" (101.6mm) General Motors Chevrolet	1995-1992	9
N	350 CID (5.7L) V8 4.00" (101.6mm) General Motors Vortec	2002-1996	10
Oasis	2234 CC (2.3L) SOHC L4 3.39" (86.0mm) Honda VTEC F23A7	1999	1
Trooper	2827 CC (2.8L) V6 3.50" (89.0mm) General Motors Chevrolet	1991-1989	2

# ISUZU TRUCK

# MAHLE



YEAR

VIN

PART NUMBER



SPECS




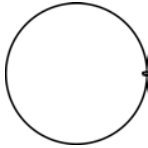
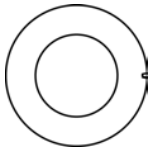
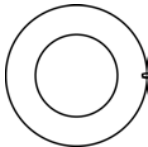
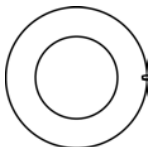
RINGS



PIN DIA



COMP HGT

1	2234 CC (2.3L) SOHC L4 3.39" (86.0mm) Honda VTEC F23A7				1	
1999	-	224-3445	 <p>STD, .020"</p>	Material: Aluminum Recessed head w/ 4 valve reliefs Recess Depth: 0.118"	4 1.20mm 1.20mm 2.80mm	0.8661" 1.181"
				<b>Piston Ring Sets:</b> Premium: <b>41914</b>		
2	2827 CC (2.8L) V6 3.50" (89.0mm) General Motors Chevrolet				2	
1991-1989	R	224-2357	 <p>STD, .020", .030", .040", .060"</p>	Material: Aluminum Flat Head May replace 224-2130 but will not be Destroyed. Shallow Groove	6 1.50mm 2.00mm 4.75mm	0.9055" 1.599"
				Pin Hole Location: Offset		
<b>Notes:</b> with Shallow Oil Groove				<b>Piston Ring Sets:</b> Premium: <b>41474</b>		
3	169 CID (2.8L) DOHC L4 3.66" (92.96mm) General Motors				3	
2006	8	224-3566	 <p>STD, .020"</p>	Material: Aluminum Casting Number: 93L42 High dome Dome Height: 0.093" Coated Skirts. This is a 0.010" Reduced CH	4 1.20mm 1.50mm 2.50mm	0.9055" 1.100"
				Pin Hole Location: Offset		
				<b>Piston Ring Sets:</b> Premium: <b>41936CP</b>		
4	211 CID (3.5L) DOHC L5 3.66" (92.96mm) General Motors				4	
2006	6	224-3565	 <p>STD, .010", .020"</p>	Material: Aluminum Casting Number: 93L42 High dome Dome Height: 0.093" Coated Skirts, This is a 0.010" Reduced CH	5 1.20mm 1.50mm 2.50mm	0.9055" 1.100"
				Pin Hole Location: Offset		
				<b>Piston Ring Sets:</b> Premium: <b>41935CP</b>		
5	256 CID (4.2L) DOHC L6 3.66" (93.0mm) General Motors Vortec				5	
2005-2003	S	224-3448	 <p>STD, .010", .020"</p>	Material: Aluminum Casting Number: 93L42 High Dome Dome Height: 0.093" Domed head . This is a .010" reduced CH. Coated skirts	6 1.20mm 1.50mm 2.50mm	0.905" 1.100"
<b>Notes:</b> Coated				<b>Piston Ring Sets:</b> Premium: <b>41907CP</b>		



YEAR

VIN

PART NUMBER



SPECS

QTY



RINGS




PIN DIA

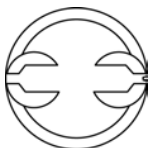


COMP HGT

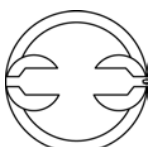
<b>6</b>	<b>4294 CC (4.3L) V6 4.00" (101.6mm) General Motors Vortec</b>						<b>6</b>
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1999-1997	X	<b>224-3175</b>		Material: Hypereutectic Recessed Head w/4 Valve Reliefs Recess Depth: 0.800" Recess Diameter: 3.100" Destroyed .020". Shallow Groove.	6	2.00mm 1.50mm 4.00mm	0.9273"	1.540"
			STD, .020", .030", .040", .060"	Pin Hole Location: Offset				

**Notes:** with Shallow Oil Groove; Optional Aftermarket Piston Ring Line Up **Piston Ring Sets:** Premium: **2M4626**


1999-1997	X	<b>224-3402</b>		Material: Hypereutectic Recessed Head w/4 Valve Reliefs In Recess Recess Depth: 0.08" Recess Diameter: 3.100" Coated Skirts, Shallow Ring Groove. Not intended for Racing Applications.	8	1.50mm 1.50mm 3.00mm	0.9273"	1.54"
			STD, .020", .030", .040", .060"	Pin Hole Location: Offset				

**Piston Ring Sets:** Premium: **41785**

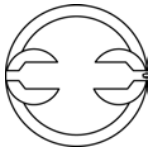
1999-1997	X	<b>224-3560</b>		Material: Hypereutectic Recessed head w/ 4 valve reliefs Recess Depth: 0.080" Recess Diameter: 3.100" Shallow groove, coated skirts	6	1.50mm 1.50mm 3.00mm	0.9273"	1.540"
			STD, .020", .030", .040", .060"	Pin Hole Location: Offset				

**Piston Ring Sets:** Cast Iron: **51786CP**  
Premium: **41786**

<b>7</b>	<b>262 CID (4.3L) V6 4.00" (101.6mm) General Motors Vortec</b>						<b>7</b>
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2000	W	<b>224-3175</b>		Material: Hypereutectic Recessed Head w/4 Valve Reliefs Recess Depth: 0.800" Recess Diameter: 3.100" Destroyed .020". Shallow Groove.	6	2.00mm 1.50mm 4.00mm	0.9273"	1.540"
			STD, .020", .030", .040", .060"	Pin Hole Location: Offset				

**Notes:** with Shallow Oil Groove; Optional Aftermarket Piston Ring Line Up **Piston Ring Sets:** Premium: **2M4626**

2000	W	<b>224-3500</b>		Material: Aluminum Casting Number: 101V14 Recess head w/4 valve reliefs Recess Depth: 0.073" Reduced .010" CH	6	2.00mm 1.50mm 4.00mm	0.927"	1.549"
			STD, .020", .030", .040"	Pin Hole Location: Offset				

**Piston Ring Sets:** Cast Iron: **51669CP**  
Premium: **41669CP**



YEAR

VIN

PART NUMBER



SPECS

QTY



RINGS



PIN DIA



COMP HGT

7 (cont.)		262 CID (4.3L) V6 4.00" (101.6mm) General Motors Vortec				7 (cont.)	
2000	W	<b>224-3560</b>		Material: Hypereutectic Recessed head w/ 4 valve reliefs Recess Depth: 0.080" Recess Diameter: 3.100" Shallow groove, coated skirts	6	1.50mm 1.50mm 3.00mm	0.9273" 1.540"
			STD, .020", .030", .040", .060"			Pin Hole Location: Offset	
				<b>Piston Ring Sets:</b> Cast Iron: <b>51786CP</b> Premium: <b>41786</b>			
8		323 CID (5.3L) V8 3.78" (96.0mm) General Motors Vortec				8	
2004-2003	P	<b>224-3425</b>		Material: Hypereutectic Recessed Head Recess Depth: 0.068" Recess Diameter: 3.050" Shallow Ring Grooves, Truck engine	8	1.50mm 1.50mm 3.00mm	0.9451" 1.328"
			STD, .020", .030", .040"				
<b>Notes:</b>		Coated		<b>Piston Ring Sets:</b> Premium: <b>41859CP</b>			
9		350 CID (5.7L) V8 4.00" (101.6mm) General Motors Chevrolet				9	
1995-1993	A	<b>224-2745</b>		Recessed Head w/2 Trench Type Valve Reliefs Recess Depth: 0.125" Recess Diameter: 3.250"	8	5/64" 5/64" 3/16"	0.9273" 1.54"
			STD, .020", .030", .040", .060"			Pin Hole Location: Offset	
<b>Notes:</b>		For Medium Duty, Trucks, Vans: with Heavy Duty Emissions				<b>Piston Ring Sets:</b> Cast Iron: <b>51476CP</b> Premium: <b>41476CP</b>	
1995-1992	A	<b>224-3543</b>		Material: Hypereutectic Casting Number: 101L63 Recessed head w/ 4 valve reliefs Recess Depth: 0.1023" Recess Diameter: 2.767" Coated skirts. Replace in Full sets only	8	5/64" 5/64" 3/16"	0.9279" 1.55"
			STD, .020", .030", .040", .060"			Pin Hole Location: Offset	
				<b>Piston Ring Sets:</b> Cast Iron: <b>50564CP</b> Premium: <b>40564CP</b>			
1995-1992	A	<b>224-3544</b>		Material: Hypereutectic Casting Number: 101L63 Recessed head w/ 4 valve reliefs Recess Depth: 0.1023" Recess Diameter: 2.767" Replace in Full Sets only	8	5/64" 5/64" 3/16"	0.9279" 1.55"
			STD, .020", .030", .040", .060"			Pin Hole Location: Offset	
				<b>Piston Ring Sets:</b> Cast Iron: <b>50564CP</b> Premium: <b>40564CP</b>			

# ISUZU TRUCK



YEAR

VIN

PART NUMBER



SPECS



QTY


RINGS



PIN DIA



COMP HGT

10		350 CID (5.7L) V8 4.00" (101.6mm) General Motors Vortec					10	
2002-1996	R	<b>224-3559</b>		Material: Hypereutectic	8	2.00mm	0.9273"	1.54"
				Recessed head w/ 4 valve reliefs		1.50mm		
				Recess Depth: 0.08"		4.00mm		
				Recess Diameter: 3.100"				
				Shallow Ring Grooves				
			STD, .020", .030", .040", .060"					Pin Hole Location: Offset
<b>Piston Ring Sets:</b> Premium: <b>2M4626</b>								

# JEEP

ENGINE	YEAR	BLOCK
134 CID (2.2L) F-HEAD L4 N/A	1971-1945	1
150 CID (2.5L) L4 AMC	2002-1983	2
151 CID (2.5L) L4 General Motors Pontiac	1983-1980	3
173 CID (2.8L) V6 General Motors	1986-1984	4
226 CID (3.7L) SOHC V6 Chrysler Magnum	2005	5
226 CID (3.7L) SOHC V6 Chrysler Power-Tech	2004-2002	6
232 CID (3.8L) L6 AMC	1978-1965	7
242 CID (4.0L) L6 Chrysler Power-Tech	2001-1987	8
258 CID (4.2L) L6 AMC	1990-1979	9
287 CID (4.7L) SOHC V8 Chrysler Power-Tech	2001-1999	10
318 CID (5.2L) V8 Chrysler	1998-1993	11
350 CID (5.7L) V8 General Motors Buick	1971-1969	12
350 CID (5.7L) V8 General Motors Chevrolet	1971-1970	13
360 CID (5.9L) V8 Chrysler	1998	14
360 CID (5.9L) V8 AMC	1991-1971	15


MODEL	ENGINE	YEAR	BLOCK
475	134 CID (2.2L) F-HEAD L4 3.13" (80mm)	1956	1
6-230	232 CID (3.8L) L6 3.75" (95.3mm) AMC	1965	7
Cherokee	150 CID (2.5L) L4 3.88" (98.5mm) AMC	2000-1984	2
Cherokee	173 CID (2.8L) V6 3.50" (89.0mm) General Motors	1986-1984	4
Cherokee	242 CID (4.0L) L6 3.88" (98.4mm) Chrysler Power-Tech	2001-1987	8
Cherokee	258 CID (4.2L) L6 3.75" (95.3mm) AMC	1983-1979	9
Cherokee	360 CID (5.9L) V8 4.08" (103.6mm) AMC	1983-1974	15
CJ3	134 CID (2.2L) F-HEAD L4 3.13" (80mm)	1960-1959	1
CJ5	134 CID (2.2L) F-HEAD L4 3.13" (80mm)	1971-1968, 1960-1959	1
CJ5	151 CID (2.5L) L4 4.00" (101.6mm) General Motors Pontiac	1983-1980	3
CJ5	232 CID (3.8L) L6 3.75" (95.3mm) AMC	1978-1972	7
CJ5	258 CID (4.2L) L6 3.75" (95.3mm) AMC	1983-1979	9
CJ5A	134 CID (2.2L) F-HEAD L4 3.13" (80mm)	1968-1966	1
CJ6	134 CID (2.2L) F-HEAD L4 3.13" (80mm)	1971-1968, 1960-1959	1
CJ6	232 CID (3.8L) L6 3.75" (95.3mm) AMC	1975-1972	7
CJ6A	134 CID (2.2L) F-HEAD L4 3.13" (80mm)	1968-1966	1
CJ7	150 CID (2.5L) L4 3.88" (98.5mm) AMC	1986-1983	2

MODEL	ENGINE	YEAR	BLOCK
CJ7	151 CID (2.5L) L4 4.00" (101.6mm) General Motors Pontiac	1983-1980	3
CJ7	232 CID (3.8L) L6 3.75" (95.3mm) AMC	1978-1976	7
CJ7	258 CID (4.2L) L6 3.75" (95.3mm) AMC	1986-1979	9
Comanche	150 CID (2.5L) L4 3.88" (98.5mm) AMC	1992-1986	2
Comanche	173 CID (2.8L) V6 3.50" (89.0mm) General Motors	1986	4
Comanche	242 CID (4.0L) L6 3.88" (98.4mm) Chrysler Power-Tech	1992-1987	8
Commando	134 CID (2.2L) F-HEAD L4 3.13" (80mm)	1967	1
Commando	232 CID (3.8L) L6 3.75" (95.3mm) AMC	1973	7
Dispatcher	134 CID (2.2L) F-HEAD L4 3.13" (80mm)	1967-1961	1
DJ3	134 CID (2.2L) F-HEAD L4 3.13" (80mm)	1960-1959	1
DJ5	134 CID (2.2L) F-HEAD L4 3.13" (80mm)	1971-1967	1
DJ5	232 CID (3.8L) L6 3.75" (95.3mm) AMC	1974-1972	7
DJ6	134 CID (2.2L) F-HEAD L4 3.13" (80mm)	1968	1
F-134	134 CID (2.2L) F-HEAD L4 3.13" (80mm)	1965-1963	1
F4	134 CID (2.2L) F-HEAD L4 3.13" (80mm)	1960-1957	1
FC150	134 CID (2.2L) F-HEAD L4 3.13" (80mm)	1966-1957	1
FC170	134 CID (2.2L) F-HEAD L4 3.13" (80mm)	1966-1963	1
FJ3	134 CID (2.2L) F-HEAD L4 3.13" (80mm)	1964	1
FJ3A	134 CID (2.2L) F-HEAD L4 3.13" (80mm)	1964, 1962-1961	1
Gladiator	232 CID (3.8L) L6 3.75" (95.3mm) AMC	1967-1965	7
Grand Cherokee	226 CID (3.7L) SOHC V6 3.66" (93.0mm) Chrysler Magnum	2005	5
Grand Cherokee	242 CID (4.0L) L6 3.88" (98.4mm) Chrysler Power-Tech	2001-1993	8
Grand Cherokee	287 CID (4.7L) SOHC V8 3.66" (93.0mm) Chrysler Power-Tech	2001-1999	10
Grand Cherokee	318 CID (5.2L) V8 3.91" (99.3mm) Chrysler	1998-1993	11
Grand Cherokee	360 CID (5.9L) V8 4.00" (101.6mm) Chrysler	1998	14
Grand Wagoneer	258 CID (4.2L) L6 3.75" (95.3mm) AMC	1986-1984	9
Grand Wagoneer	318 CID (5.2L) V8 3.91" (99.3mm) Chrysler	1993	11
Grand Wagoneer	360 CID (5.9L) V8 4.08" (103.6mm) AMC	1991-1984	15
J-100	232 CID (3.8L) L6 3.75" (95.3mm) AMC	1972-1965	7
J-100	350 CID (5.7L) V8 3.80" (96.5mm) General Motors Buick	1971-1969	12
J-2500	232 CID (3.8L) L6 3.75" (95.3mm) AMC	1971-1965	7
J-2500	350 CID (5.7L) V8 3.80" (96.5mm) General Motors Buick	1971-1969	12
J-2500	360 CID (5.9L) V8 4.08" (103.6mm) AMC	1973-1972	15
J-2600	232 CID (3.8L) L6 3.75" (95.3mm) AMC	1970-1965	7
J-2600	350 CID (5.7L) V8 3.80" (96.5mm) General Motors Buick	1970-1969	12
J-2600	360 CID (5.9L) V8 4.08" (103.6mm) AMC	1973-1972	15
J-2700	232 CID (3.8L) L6 3.75" (95.3mm) AMC	1969-1965	7
J-2700	350 CID (5.7L) V8 3.80" (96.5mm) General Motors Buick	1970-1969	12
J-2800	232 CID (3.8L) L6 3.75" (95.3mm) AMC	1967-1965	7
J-3500	232 CID (3.8L) L6 3.75" (95.3mm) AMC	1970-1965	7
J-3500	350 CID (5.7L) V8 3.80" (96.5mm) General Motors Buick	1970-1969	12
J-3600	232 CID (3.8L) L6 3.75" (95.3mm) AMC	1970-1965	7
J-3600	350 CID (5.7L) V8 3.80" (96.5mm) General Motors Buick	1970-1969	12
J-3700	232 CID (3.8L) L6 3.75" (95.3mm) AMC	1970-1968, 1966-1965	7
J-3700	350 CID (5.7L) V8 3.80" (96.5mm) General Motors Buick	1970-1969	12
J-3800	232 CID (3.8L) L6 3.75" (95.3mm) AMC	1968-1965	7
J-3800	350 CID (5.7L) V8 3.80" (96.5mm) General Motors Buick	1970-1969	12
J-3800	360 CID (5.9L) V8 4.08" (103.6mm) AMC	1971	15
J-4500	232 CID (3.8L) L6 3.75" (95.3mm) AMC	1970	7
J-4500	350 CID (5.7L) V8 3.80" (96.5mm) General Motors Buick	1970	12
J-4500	360 CID (5.9L) V8 4.08" (103.6mm) AMC	1973-1971	15
J-4600	232 CID (3.8L) L6 3.75" (95.3mm) AMC	1970	7
J-4600	350 CID (5.7L) V8 3.80" (96.5mm) General Motors Buick	1970	12
J-4600	360 CID (5.9L) V8 4.08" (103.6mm) AMC	1973-1971	15
J-4700	232 CID (3.8L) L6 3.75" (95.3mm) AMC	1970	7

MODEL	ENGINE	YEAR	BLOCK
J-4700	350 CID (5.7L) V8 3.80" (96.5mm) General Motors Buick	1970	12
J-4700	360 CID (5.9L) V8 4.08" (103.6mm) AMC	1973-1971	15
J-4800	360 CID (5.9L) V8 4.08" (103.6mm) AMC	1973-1971	15
J10	258 CID (4.2L) L6 3.75" (95.3mm) AMC	1987-1979	9
J10	360 CID (5.9L) V8 4.08" (103.6mm) AMC	1988-1974	15
J20	360 CID (5.9L) V8 4.08" (103.6mm) AMC	1988-1974	15
Jeepster	134 CID (2.2L) F-HEAD L4 3.13" (80mm)	1971-1967	1
Jeepster	232 CID (3.8L) L6 3.75" (95.3mm) AMC	1973-1972	7
Liberty	226 CID (3.7L) SOHC V6 3.66" (93.0mm) Chrysler Magnum	2005	5
Liberty	226 CID (3.7L) SOHC V6 3.66" (93.0mm) Chrysler Power-Tech	2004-2002	6
Scrambler	150 CID (2.5L) L4 3.88" (98.5mm) AMC	1985-1983	2
Scrambler	151 CID (2.5L) L4 4.00" (101.6mm) General Motors Pontiac	1983-1981	3
Scrambler	258 CID (4.2L) L6 3.75" (95.3mm) AMC	1985-1981	9
TJ	150 CID (2.5L) L4 3.88" (98.5mm) AMC	2002-1997	2
TJ	242 CID (4.0L) L6 3.88" (98.4mm) Chrysler Power-Tech	2001-1997	8
Universal	134 CID (2.2L) F-HEAD L4 3.13" (80mm)	1967-1961	1
Utility	134 CID (2.2L) F-HEAD L4 3.13" (80mm)	1962-1961	1
Wagoneer	150 CID (2.5L) L4 3.88" (98.5mm) AMC	1987-1984	2
Wagoneer	173 CID (2.8L) V6 3.50" (89.0mm) General Motors	1986-1984	4
Wagoneer	232 CID (3.8L) L6 3.75" (95.3mm) AMC	1971-1965	7
Wagoneer	242 CID (4.0L) L6 3.88" (98.4mm) Chrysler Power-Tech	1990-1987	8
Wagoneer	258 CID (4.2L) L6 3.75" (95.3mm) AMC	1983-1980	9
Wagoneer	350 CID (5.7L) V8 3.80" (96.5mm) General Motors Buick	1971-1970	12
Wagoneer	350 CID (5.7L) V8 4.00" (101.6mm) General Motors Chevrolet	1971-1970	13
Wagoneer	360 CID (5.9L) V8 4.08" (103.6mm) AMC	1983-1972	15
Willys	134 CID (2.2L) F-HEAD L4 3.13" (80mm)	1958-1945	1
Wrangler	150 CID (2.5L) L4 3.88" (98.5mm) AMC	2002-1997, 1995-1987	2
Wrangler	242 CID (4.0L) L6 3.88" (98.4mm) Chrysler Power-Tech	2001-1997, 1995-1991	8
Wrangler	258 CID (4.2L) L6 3.75" (95.3mm) AMC	1990-1987	9

YEAR	VIN	PART NUMBER	SPECS	QTY	RINGS	PIN DIA	COMP HGT
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<b>1</b>	<b>134 CID (2.2L) F-HEAD L4 3.13" (80mm)</b>						<b>1</b>
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1971-1945	-	<b>224-2756</b>	 Flat Head L and F, Flat head. 3 rings only piston.	4	3/32"	0.812"	2.167"
1968-1967	J						
1968-1967	4						

STD, .020", .030", .040", .060"

Pin Hole Location: Center

**Piston Ring Sets:** Cast Iron: **5007**  
 Premium: **4007**



YEAR

VIN

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SPECS

QTY



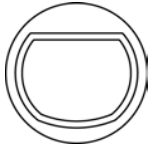
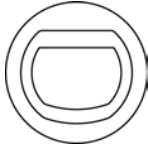
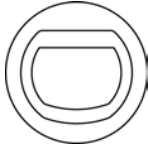
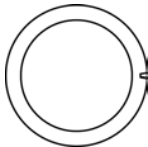
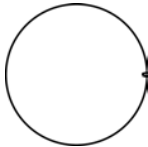
RINGS



PIN DIA



COMP HGT

2		150 CID (2.5L) L4 3.88" (98.5mm) AMC				2		
1990-1989	E	<b>224-2322</b>		Material: Aluminum	4	5/64"	0.931"	1.581"
1988-1986	H			Recessed Head Oval Shaped		5/64"		
1986-1983	U			Recess Depth: 0.096" D Shaped Head Recess		3/16"		
			STD, .020", .030", .040", .060"			Pin Hole Location: Offset		
				<b>Piston Ring Sets:</b>	Cast Iron: <b>50452CP</b> Premium: <b>40452CP</b>			
3		151 CID (2.5L) L4 4.00" (101.6mm) General Motors Pontiac				3		
1995-1991	P	<b>224-3555</b>		Material: Aluminum	4	5/64"	0.931"	1.581"
1990-1989	E			D Shaped Head Recess		5/64"		
1988-1986	H			Recess Depth: 0.100"		3/16"		
1986-1983	U							
			STD, .020", .030", .040", .060"			Pin Hole Location: Offset		
				<b>Piston Ring Sets:</b>	Cast Iron: <b>50452CP</b> Premium: <b>40452CP</b>			
3		151 CID (2.5L) L4 4.00" (101.6mm) General Motors Pontiac				3		
2002-1996	P	<b>224-3562</b>		Material: Hypereutectic	4	1.50mm	0.931"	1.592"
				D shaped head recess		1.50mm		
				Recess Depth: 0.116" Shallow groove, coated skirts		4.00mm		
			STD, .020", .030", .040"			Pin Hole Location: Offset		
				<b>Piston Ring Sets:</b>	Cast Iron: <b>51869CP</b> Premium: <b>41869CP</b>			
3		151 CID (2.5L) L4 4.00" (101.6mm) General Motors Pontiac				3		
1983-1980	B	<b>224-2141</b>		Material: Aluminum	4	1/16"	0.9273"	1.570"
				Recessed Head		5/64"		
				Recess Depth: 0.226" Recess Diameter: 3.070" Shallow groove. Low Tension rings.		3/16"		
			STD, .020", .030", .040", .060"			Pin Hole Location: Offset		
<b>Notes:</b>		Replace in Complete Sets For Cars with VIN B: Shallow Groove with Low Tension Rings				<b>Piston Ring Sets:</b> Cast Iron: <b>51559CP</b> Premium: <b>41559CP</b>		
4		173 CID (2.8L) V6 3.50" (89.0mm) General Motors				4		
1986-1984	W	<b>224-2130</b>		Material: Aluminum	6	1.50mm	0.9055"	1.578"
				Flat Head 2nd design.		2.00mm		
						4.75mm		
			STD, .020", .030", .040", .060"			Pin Hole Location: Offset		
<b>Notes:</b>		For Trucks with VIN W: with 1.5mm Top Compression Ring				<b>Piston Ring Sets:</b> Cast Iron: <b>51284CP</b> Premium: <b>41284CP</b>		



YEAR

VIN

PART NUMBER



SPECS

QTY



RINGS

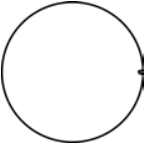


PIN DIA



COMP HGT

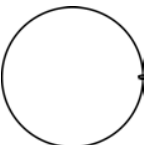
**4 (cont.) 173 CID (2.8L) V6 3.50" (89.0mm) General Motors 4 (cont.)**

1986-1985	W	<b>224-2357</b>		Material: Aluminum Flat Head May replace 224-2130 but will not be Destroyed. Shallow Groove	6	1.50mm 2.00mm 4.75mm	0.9055"	1.599"
STD, .020", .030", .040", .060"					Pin Hole Location: Offset			

**Notes:** with Shallow Oil Groove  
For 1985 Cars with VIN W: High Output Engine(s)

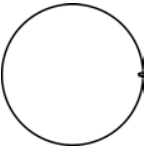
**Piston Ring Sets:** Premium: **41474**

**5 226 CID (3.7L) SOHC V6 3.66" (93.0mm) Chrysler Magnum 5**

2005	K	<b>224-3564</b>		Material: Aluminum Casting Number: 93L27 Flat	6	1.50mm 1.50mm 3.00mm	0.9449"	1.252"
STD, .010", .020", .030"					Pin Hole Location: Offset			

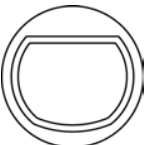
**Piston Ring Sets:** Premium: **41903CP**

**6 226 CID (3.7L) SOHC V6 3.66" (93.0mm) Chrysler Power-Tech 6**

2004-2002	K	<b>224-3564</b>		Material: Aluminum Casting Number: 93L27 Flat	6	1.50mm 1.50mm 3.00mm	0.9449"	1.252"
STD, .010", .020", .030"					Pin Hole Location: Offset			

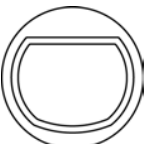
**Piston Ring Sets:** Premium: **41903CP**

**7 232 CID (3.8L) L6 3.75" (95.3mm) AMC 7**

1978-1972 1973-1965	E -	<b>224-1715</b>		Material: Aluminum D Shape Recessed Head Recess Depth: 0.120" Replace in full sets only.	6	5/64" 5/64" 3/16"	0.931"	1.581"
STD, .020", .030", .040", .060"					Pin Hole Location: Offset			

**Piston Ring Sets:** Cast Iron: **50668CP**  
Premium: **40668CP**

**8 242 CID (4.0L) L6 3.88" (98.4mm) Chrysler Power-Tech 8**

1995-1991 1990-1989 1988-1987	S L M	<b>224-2322</b>		Material: Aluminum Recessed Head Oval Shaped Recess Depth: 0.096" D Shaped Head Recess	4	5/64" 5/64" 3/16"	0.931"	1.581"
STD, .020", .030", .040", .060"					Pin Hole Location: Offset			

**Piston Ring Sets:** Cast Iron: **50452CP**  
Premium: **40452CP**



YEAR

VIN

PART NUMBER



SPECS

QTY




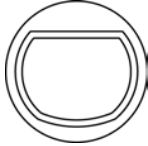
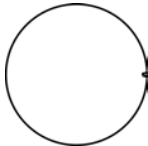

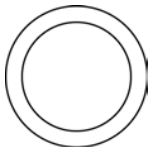
RINGS



PIN DIA



COMP HGT

8 (cont.)		242 CID (4.0L) L6 3.88" (98.4mm) Chrysler Power-Tech				8 (cont.)	
2001-1996	S	<b>224-3415</b>		Material: Hypereutectic D shaped head recess Recess Depth: 0.116" Recessed head. Coated Skirt.	6	1.50mm 1.50mm 4.00mm	0.931" 1.592"
			STD, .020", .030", .040"	Pin Hole Location: Press Fit			
<b>Notes:</b>		Coated		<b>Piston Ring Sets:</b>		Cast Iron: <b>51869CP</b> Premium: <b>41869CP</b>	
9		258 CID (4.2L) L6 3.75" (95.3mm) AMC				9	
1990-1989	T	<b>224-2158</b>		Material: Aluminum Recessed Head Rectangular Recess Depth: 0.185"	6	5/64" 5/64" 3/16"	0.931" 1.630"
1989-1988	M						
1988-1979	C						
			STD, .020", .030", .040", .060"	Pin Hole Location: Offset			
<b>Notes:</b>		For Cars: with 2 Barrel Carburetor		<b>Piston Ring Sets:</b>		Cast Iron: <b>50668CP</b> Premium: <b>40668CP</b>	
10		287 CID (4.7L) SOHC V8 3.66" (93.0mm) Chrysler Power-Tech				10	
2001-1999	N	<b>224-3443</b>		Material: Aluminum Casting Number: 93L27 Flat Head Coated skirts	8	1.50mm 1.50mm 3.00mm	0.9449" 1.252"
			STD, .004", .010", .020", .030", .040"				
<b>Notes:</b>		Coated		<b>Piston Ring Sets:</b>		Premium: <b>41699</b>	
11		318 CID (5.2L) V8 3.91" (99.3mm) Chrysler				11	
1998-1993	Y	<b>224-2007</b>		Material: Aluminum Flat Head w/ 4 valve reliefs 1973 press fit, 1991 and later use early style rings.	8	5/64" 5/64" 3/16"	0.9842" 1.741"
			STD, .020", .030", .040", .060"	Pin Hole Location: Offset			
<b>Notes:</b>				<b>Piston Ring Sets:</b>		Cast Iron: <b>50069CP</b> Premium: <b>40069CP</b>	
12		350 CID (5.7L) V8 3.80" (96.5mm) General Motors Buick				12	
1971	K	<b>224-1949</b>		Material: Aluminum Recessed Head Recess Depth: 0.215" Recess Diameter: 3.050" Non-Turbo.	8	5/64" 5/64" 3/16"	0.9398" 1.805"
1971-1969	9						
1970	-						
			STD, .020", .030", .040", .060"	Pin Hole Location: Offset			
<b>Notes:</b>		For Cars from 1969 to 1970: Except High Compression; Except 4 Barrel Carburetor		<b>Piston Ring Sets:</b>		Cast Iron: <b>50846CP</b> Premium: <b>40849CP</b>	



YEAR

VIN

PART NUMBER



SPECS

QTY



RINGS





PIN DIA

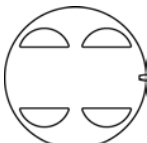


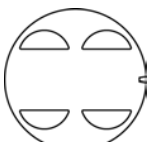
COMP HGT

**12 (cont.) 350 CID (5.7L) V8 3.80" (96.5mm) General Motors Buick 12 (cont.)**


1971	9	<b>224-3543</b>		Material: Hypereutectic Casting Number: 101L63  Recessed head w/ 4 valve reliefs Recess Depth: 0.1023" Recess Diameter: 2.767" Coated skirts. Replace in Full sets only	8	5/64" 5/64" 3/16"	0.9279"	1.55"	Pin Hole Location: Offset
<p><b>Piston Ring Sets:</b> Cast Iron: <b>50564CP</b> Premium: <b>40564CP</b></p>									

1971	9	<b>224-3544</b>		Material: Hypereutectic Casting Number: 101L63  Recessed head w/ 4 valve reliefs Recess Depth: 0.1023" Recess Diameter: 2.767" Replace in Full Sets only	8	5/64" 5/64" 3/16"	0.9279"	1.55"	Pin Hole Location: Offset
<p><b>Piston Ring Sets:</b> Cast Iron: <b>50564CP</b> Premium: <b>40564CP</b></p>									

1971-1969	9	<b>224-3547</b>		Material: Hypereutectic Casting Number: 101L63  Flat w/ 4 valve reliefs Coated skirts	8	5/64" 5/64" 3/16"	0.9279"	1.55"	Pin Hole Location: Offset
<p><b>Piston Ring Sets:</b> Cast Iron: <b>50564CP</b> Premium: <b>40564CP</b></p>									

1971-1969	9	<b>224-3548</b>		Material: Hypereutectic Casting Number: 101L63  Flat w/ 4 valve reliefs	8	5/64" 5/64" 3/16"	0.9279"	1.55"	Pin Hole Location: Offset
<p><b>Piston Ring Sets:</b> Cast Iron: <b>50564CP</b> Premium: <b>40564CP</b></p>									

**13 350 CID (5.7L) V8 4.00" (101.6mm) General Motors Chevrolet 13**

1971	K	<b>224-3543</b>		Material: Hypereutectic Casting Number: 101L63  Recessed head w/ 4 valve reliefs Recess Depth: 0.1023" Recess Diameter: 2.767" Coated skirts. Replace in Full sets only	8	5/64" 5/64" 3/16"	0.9279"	1.55"	Pin Hole Location: Offset
<p><b>Piston Ring Sets:</b> Cast Iron: <b>50564CP</b> Premium: <b>40564CP</b></p>									



YEAR

VIN

PART NUMBER



SPECS

QTY



RINGS




PIN DIA

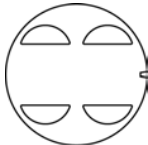


COMP HGT

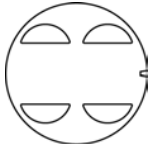
**13 (cont.) 350 CID (5.7L) V8 4.00" (101.6mm) General Motors Chevrolet 13 (cont.)**

1971	K	<b>224-3544</b>		Material: Hypereutectic Casting Number: 101L63	8	5/64" 5/64" 3/16"	0.9279"	1.55"
			STD, .020", .030", .040", .060"	Recessed head w/ 4 valve reliefs Recess Depth: 0.1023" Recess Diameter: 2.767" Replace in Full Sets only				Pin Hole Location: Offset

**Piston Ring Sets:** Cast Iron: **50564CP**  
Premium: **40564CP**

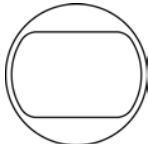
1971	K	<b>224-3547</b>		Material: Hypereutectic Casting Number: 101L63	8	5/64" 5/64" 3/16"	0.9279"	1.55"
1970	-		STD, .020", .030", .040", .060"	Flat w/ 4 valve reliefs Coated skirts				Pin Hole Location: Offset

**Piston Ring Sets:** Cast Iron: **50564CP**  
Premium: **40564CP**

1971	K	<b>224-3548</b>		Material: Hypereutectic Casting Number: 101L63	8	5/64" 5/64" 3/16"	0.9279"	1.55"
1970	-		STD, .020", .030", .040", .060"	Flat w/ 4 valve reliefs				Pin Hole Location: Offset

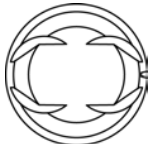
**Piston Ring Sets:** Cast Iron: **50564CP**  
Premium: **40564CP**

**14 360 CID (5.9L) V8 4.00" (101.6mm) Chrysler 14**

1998	Z	<b>224-3476</b>		Material: Aluminum Casting Number: 101L31	8	1.50mm 1.50mm 4.00mm	0.984"	1.612"
			STD, .020", .030", .040"	Rectangular Recessed Head Recess Depth: 0.089" This is a .010" Reduced CH				Pin Hole Location: Offset

**Piston Ring Sets:** Cast Iron: **51716**  
Premium: **41716**

**15 360 CID (5.9L) V8 4.08" (103.6mm) AMC 15**

1991-1989	7	<b>224-2234</b>		Material: Aluminum	8	2.00mm 2.00mm 5.00mm	0.931"	1.58"
1988-1971	N		STD, .020", .030", .040", .060"	Recessed Head w/4 Valve Reliefs Recess Depth: 0.19" Recess Diameter: 3.600"				
1978-1973	P							

**Notes:** For Cars: with 2 Barrel Carburetor

**Piston Ring Sets:** Cast Iron: **50785**  
Premium: **40785**

# LEXUS



ENGINE	YEAR	BLOCK
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2995 CC (3.0L) DOHC V6 Toyota 1MZFE	2003-1994	1
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MODEL	ENGINE	YEAR	BLOCK
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ES300	2995 CC (3.0L) DOHC V6 3.45" (87.5mm) Toyota 1MZFE	2003-1994	1
RX300	2995 CC (3.0L) DOHC V6 3.45" (87.5mm) Toyota 1MZFE	2003-1999	1

YEAR	VIN	PART NUMBER	SPECS	QTY	RINGS	PIN DIA	COMP HGT
------	-----	-------------	-------	-----	-------	---------	----------

<b>1</b>		<b>2995 CC (3.0L) DOHC V6 3.45" (87.5mm) Toyota 1MZFE</b>					<b>1</b>
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2003-1999	-	<b>224-3461</b>		6			
1999-1996	F						
1995-1994	G						

STD, .020", .040"

**Piston Ring Sets:** Premium: **41912CP**

# LEXUS TRUCK

ENGINE	YEAR	BLOCK
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2995 CC (3.0L) DOHC V6 Toyota 1MZFE	2003-1999	1
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MODEL	ENGINE	YEAR	BLOCK
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RX300	2995 CC (3.0L) DOHC V6 3.45" (87.5mm) Toyota 1MZFE	2003-1999	1
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# LEXUS TRUCK



YEAR

VIN

PART NUMBER



SPECS

QTY



RINGS



PIN DIA



COMP HGT

1	2995 CC (3.0L) DOHC V6 3.45" (87.5mm) Toyota 1MZFE				1
2003-2000	-	224-3461		6	
1999	F				

STD, .020", .040"

Piston Ring Sets: Premium: **41912CP**


# MAZDA TRUCK

ENGINE	YEAR	BLOCK
2295 CC (2.3L) SOHC L4 Ford	1994	1
182 CID (3.0L) DOHC V6 Ford Duratec	2005	2
4016 CC (4.0L) V6 Ford	1993-1991	3

MODEL	ENGINE	YEAR	BLOCK
B2300	2295 CC (2.3L) SOHC L4 3.44" (87.4mm) Ford	1994	1
Navajo	4016 CC (4.0L) V6 3.95" (100.4mm) Ford	1993-1991	3
Tribute	182 CID (3.0L) DOHC V6 3.50" (89.0mm) Ford Duratec	2005	2

YEAR VIN PART NUMBER SPECS QTY RINGS PIN DIA COMP HGT

1	2295 CC (2.3L) SOHC L4 3.44" (87.4mm) Ford				1
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1994	A	224-3065	 <p>Material: Aluminum Flat Head w/2 Valve Reliefs Shallow Groove.</p>	4	1.50mm 1.50mm 4.00mm	0.9122"	1.578"
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STD, .020", .030", .040", .060"

Pin Hole Location: Offset

Piston Ring Sets: Cast Iron: **51495CP**  
Premium: **41495CP**

# MAZDA TRUCK



YEAR

VIN

PART NUMBER



SPECS



QTY RINGS

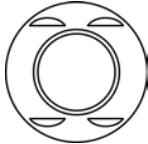


PIN DIA



COMP HGT

<b>2</b>	<b>182 CID (3.0L) DOHC V6 3.50" (89.0mm) Ford Duratec</b>	<b>2</b>
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2005	1	<b>224-3428</b>		Material: Hypereutectic Dome Head w/ 4 valve reliefs Dome Height: .028" Shallow Groove, Coated Skirts	6	1.20mm 1.50mm 3.00mm	0.8272"	1.171"
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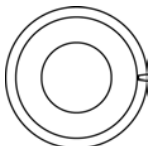
STD, .020", .030", .040"

Pin Hole Location: Offset

**Notes:** Coated

**Piston Ring Sets:** Premium: **41731**

<b>3</b>	<b>4016 CC (4.0L) V6 3.95" (100.4mm) Ford</b>	<b>3</b>
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1993-1991	X	<b>224-2812</b>		Material: Hypereutectic Recessed Head Recess Depth: 0.305" Recess Diameter: 2.460"	6	1.60mm 1.75mm 3.50mm	0.945"	1.450"
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STD, .020", .030", .040"

Pin Hole Location: Offset

**Piston Ring Sets:** Cast Iron: **51550cp**  
Premium: **41550CP**

# MITSUBISHI

ENGINE	YEAR	BLOCK
107 CID (1.8L) SOHC L4	1993-1990	1
2351 CC (2.4L) SOHC L4	1994-1993	3
2351 CC (2.4L) SOHC L4 4G64	1998-1993	4
2351 CC (2.4L) DOHC L4 4G64	1994	5
181 CID (3.0L) SOHC V6	1988	6
181 CID (3.0L) SOHC V6 6G72	1992	7

MODEL	ENGINE	YEAR	BLOCK
Diamante	181 CID (3.0L) SOHC V6 3.59" (91.1mm) 6G72	1992	7
Eclipse	107 CID (1.8L) SOHC L4 3.17" (80.6mm)	1993-1990	1
Eclipse	122 CID (2.0L) DOHC L4 3.45" (87.5mm) Chrysler	1999-1995	2
Eclipse	2351 CC (2.4L) SOHC L4 3.41" (86.5mm) 4G64	1998-1996	4
Expo	2351 CC (2.4L) SOHC L4 3.41" (86.5mm) 4G64	1995-1993	4
Expo LRV	2351 CC (2.4L) SOHC L4 3.41" (86.5mm)	1994-1993	3
Galant	2351 CC (2.4L) SOHC L4 3.41" (86.5mm) 4G64	1998-1994	4
Galant	2351 CC (2.4L) DOHC L4 3.41" (86.5mm) 4G64	1994	5
Galant	181 CID (3.0L) SOHC V6 3.59" (91.1mm)	1988	6



YEAR

VIN

PART NUMBER



SPECS

QTY




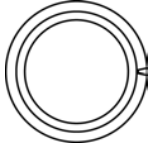
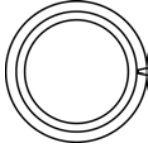
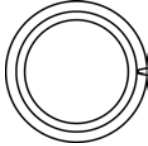

RINGS



PIN DIA



COMP HGT

1	107 CID (1.8L) SOHC L4 3.17" (80.6mm)				1		
1993	B	224-2893		Material: Aluminum Dome Head w/2 Valve Reliefs Dome Height: 0.150" 4G37 Eng.	4 1.50mm 1.50mm 4.00mm	0.7485"	1.320"
1992-1990	T						
			STD, .020", .030", .040"				Pin Hole Location: Offset
				<b>Piston Ring Sets:</b>	Cast Iron: <b>51598</b> Premium: <b>41598</b>		
3	2351 CC (2.4L) SOHC L4 3.41" (86.5mm)				3		
1994-1993	G	224-2909		Material: Aluminum Recessed Head Recess Depth: 0.160" Recess Diameter: 3.100" 4G64 Eng.	4 1.20mm 1.50mm 2.80mm	0.8665"	1.360"
			STD, .020", .030", .040"				Pin Hole Location: Offset
				<b>Piston Ring Sets:</b>	Premium: <b>41694</b>		
4	2351 CC (2.4L) SOHC L4 3.41" (86.5mm) 4G64				4		
1998-1993	G	224-2909		Material: Aluminum Recessed Head Recess Depth: 0.160" Recess Diameter: 3.100" 4G64 Eng.	4 1.20mm 1.50mm 2.80mm	0.8665"	1.360"
			STD, .020", .030", .040"				Pin Hole Location: Offset
				<b>Piston Ring Sets:</b>	Premium: <b>41694</b>		
5	2351 CC (2.4L) DOHC L4 3.41" (86.5mm) 4G64				5		
1994	-	224-2909		Material: Aluminum Recessed Head Recess Depth: 0.160" Recess Diameter: 3.100" 4G64 Eng.	4 1.20mm 1.50mm 2.80mm	0.8665"	1.360"
			STD, .020", .030", .040"				Pin Hole Location: Offset
				<b>Piston Ring Sets:</b>	Premium: <b>41694</b>		
6	181 CID (3.0L) SOHC V6 3.59" (91.1mm)				6		
1988	S	224-2946		Material: Aluminum Triangular head recess w/ 2 valve reliefs Recess Depth: 0.098" 6G72 Eng. Broken sets factory only	6 1.50mm 1.50mm 4.00mm	0.8665"	1.247"
			STD, .020", .030", .040"				Pin Hole Location: Offset
				<b>Piston Ring Sets:</b>	Cast Iron: <b>51458CP</b> Premium: <b>41458CP</b>		

# mitsubishi



YEAR

VIN

PART NUMBER



SPECS

QTY



RINGS



PIN DIA



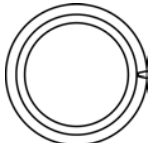
COMP HGT

7						181 CID (3.0L) SOHC V6 3.59" (91.1mm) 6G72		7	
1992	S	224-2946		Material: Aluminum Triangular head recess w/ 2 valve reliefs Recess Depth: 0.098" 6G72 Eng. Broken sets factory only	6	1.50mm 1.50mm 4.00mm	0.8665"	1.247"	
								Pin Hole Location: Offset	
								Piston Ring Sets: Cast Iron: <b>51458CP</b> Premium: <b>41458CP</b>	

# MITSUBISHI TRUCK

ENGINE	YEAR	BLOCK
2351 CC (2.4L) SOHC L4	1994-1993	1
2351 CC (2.4L) SOHC L4 4G64	1995	2
181 CID (3.0L) SOHC V6	1992-1989	3

MODEL	ENGINE	YEAR	BLOCK
Mighty Max	2351 CC (2.4L) SOHC L4 3.41" (86.5mm)	1994-1993	1
Mighty Max	2351 CC (2.4L) SOHC L4 3.41" (86.5mm) 4G64	1995	2
Mighty Max	181 CID (3.0L) SOHC V6 3.59" (91.1mm)	1992-1990	3
Montero	181 CID (3.0L) SOHC V6 3.59" (91.1mm)	1992-1989	3

YEAR	VIN	PART NUMBER	SPECS	QTY	RINGS	PIN DIA	COMP HGT
1			2351 CC (2.4L) SOHC L4 3.41" (86.5mm)	1			
1994-1993	G	224-2909		Material: Aluminum Recessed Head Recess Depth: 0.160" Recess Diameter: 3.100" 4G64 Eng.	4	1.20mm 1.50mm 2.80mm	0.8665" 1.360"
STD, .020", .030", .040"							
Pin Hole Location: Offset							
Piston Ring Sets: Premium: <b>41694</b>							

# MITSUBISHI TRUCK

# MAHLE



YEAR

VIN

PART NUMBER



SPECS

QTY



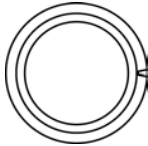

RINGS



PIN DIA



COMP HGT

2		2351 CC (2.4L) SOHC L4 3.41" (86.5mm) 4G64						2	
1995	G	224-2909		Material: Aluminum	4	1.20mm 1.50mm 2.80mm	0.8665"	1.360"	
				Recessed Head Recess Depth: 0.160" Recess Diameter: 3.100" 4G64 Eng.					
				STD, .020", .030", .040"	Pin Hole Location: Offset				
<b>Piston Ring Sets:</b> Premium: <b>41694</b>									
3		181 CID (3.0L) SOHC V6 3.59" (91.1mm)						3	
1992-1989	S	224-2946		Material: Aluminum	6	1.50mm 1.50mm 4.00mm	0.8665"	1.247"	
				Triangular head recess w/ 2 valve reliefs Recess Depth: 0.098" 6G72 Eng. Broken sets factory only					
				STD, .020", .030", .040"	Pin Hole Location: Offset				
<b>Notes:</b>		For Trucks, Vans: Thru 10/92			<b>Piston Ring Sets:</b> Cast Iron: <b>51458CP</b> Premium: <b>41458CP</b>				

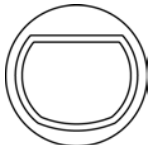
# NAVISTAR/INTERNATIONAL

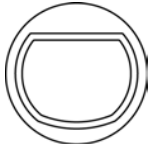
ENGINE	YEAR	BLOCK
232 CID (3.8L) L6 AMC	1971-1969	1
258 CID (4.2L) L6 AMC	1974-1972	2
304 CID (5.0L) V8 International	1980-1969	3
304 CID (5.0L) V8 International LPG	1974, 1972-1971	4
345 CID (5.6L) V8 International	1980-1971	5
345 CID (5.6L) V8 International V345	1980	6
363 CID (6.0L) V8 International Power-Stroke VT365 DIESEL	2003	7
420 CID (6.9L) V8 International DIESEL	1987-1984	8

MODEL	ENGINE	YEAR	BLOCK
100	258 CID (4.2L) L6 3.75" (95.3mm) AMC	1974	2
100	304 CID (5.0L) V8 3.88" (98.4mm) International	1974	3
100	345 CID (5.6L) V8 3.88" (98.4mm) International	1974	5
1000	420 CID (6.9L) V8 4.00" (101.6mm) International DIESEL	1987-1986	8
1000B	232 CID (3.8L) L6 3.75" (95.3mm) AMC	1969	1
1000B	304 CID (5.0L) V8 3.88" (98.4mm) International	1969	3
1000C	232 CID (3.8L) L6 3.75" (95.3mm) AMC	1969	1
1000C	304 CID (5.0L) V8 3.88" (98.4mm) International	1969	3
1000D	232 CID (3.8L) L6 3.75" (95.3mm) AMC	1970-1969	1
1000D	304 CID (5.0L) V8 3.88" (98.4mm) International	1970-1969	3
1010	232 CID (3.8L) L6 3.75" (95.3mm) AMC	1971	1
1010	258 CID (4.2L) L6 3.75" (95.3mm) AMC	1973-1972	2
1010	304 CID (5.0L) V8 3.88" (98.4mm) International	1973-1972	3

MODEL	ENGINE	YEAR	BLOCK
1010	345 CID (5.6L) V8 3.88" (98.4mm) International	1973-1971	5
1100B	232 CID (3.8L) L6 3.75" (95.3mm) AMC	1969	1
1100B	304 CID (5.0L) V8 3.88" (98.4mm) International	1969	3
1100C	232 CID (3.8L) L6 3.75" (95.3mm) AMC	1969	1
1100C	304 CID (5.0L) V8 3.88" (98.4mm) International	1969	3
1100D	232 CID (3.8L) L6 3.75" (95.3mm) AMC	1970-1969	1
1100D	304 CID (5.0L) V8 3.88" (98.4mm) International	1970-1969	3
1110	232 CID (3.8L) L6 3.75" (95.3mm) AMC	1971	1
1110	258 CID (4.2L) L6 3.75" (95.3mm) AMC	1973-1972	2
1110	304 CID (5.0L) V8 3.88" (98.4mm) International	1973-1972	3
1110	345 CID (5.6L) V8 3.88" (98.4mm) International	1973-1971	5
1200B	304 CID (5.0L) V8 3.88" (98.4mm) International	1969	3
1200C	304 CID (5.0L) V8 3.88" (98.4mm) International	1969	3
1200D	304 CID (5.0L) V8 3.88" (98.4mm) International	1970-1969	3
1210	232 CID (3.8L) L6 3.75" (95.3mm) AMC	1971	1
1210	258 CID (4.2L) L6 3.75" (95.3mm) AMC	1973-1972	2
1210	304 CID (5.0L) V8 3.88" (98.4mm) International	1973-1972	3
1210	345 CID (5.6L) V8 3.88" (98.4mm) International	1973-1971	5
1300B	304 CID (5.0L) V8 3.88" (98.4mm) International	1969	3
1300C	304 CID (5.0L) V8 3.88" (98.4mm) International	1969	3
1300D	304 CID (5.0L) V8 3.88" (98.4mm) International	1970-1969	3
1310	232 CID (3.8L) L6 3.75" (95.3mm) AMC	1971	1
1310	258 CID (4.2L) L6 3.75" (95.3mm) AMC	1973-1972	2
1310	304 CID (5.0L) V8 3.88" (98.4mm) International	1973-1972	3
1310	304 CID (5.0L) V8 3.88" (98.4mm) International LPG	1972-1971	4
1310	345 CID (5.6L) V8 3.88" (98.4mm) International	1973-1971	5
150	304 CID (5.0L) V8 3.88" (98.4mm) International	1975	3
150	345 CID (5.6L) V8 3.88" (98.4mm) International	1975	5
200	258 CID (4.2L) L6 3.75" (95.3mm) AMC	1974	2
200	304 CID (5.0L) V8 3.88" (98.4mm) International	1975-1974	3
200	345 CID (5.6L) V8 3.88" (98.4mm) International	1975-1974	5
3000	363 CID (6.0L) V8 3.74" (95.0mm) International Power-Stroke VT365 DIESEL	2003	7
4000	363 CID (6.0L) V8 3.74" (95.0mm) International Power-Stroke VT365 DIESEL	2003	7
908B	304 CID (5.0L) V8 3.88" (98.4mm) International	1969	3
908C	304 CID (5.0L) V8 3.88" (98.4mm) International	1969	3
Cargostar	345 CID (5.6L) V8 3.88" (98.4mm) International V345	1980	6
Cargostar	420 CID (6.9L) V8 4.00" (101.6mm) International DIESEL	1986-1984	8
DM10	258 CID (4.2L) L6 3.75" (95.3mm) AMC	1972	2
DM10	304 CID (5.0L) V8 3.88" (98.4mm) International	1972	3
M1100	232 CID (3.8L) L6 3.75" (95.3mm) AMC	1970-1969	1
M1100	258 CID (4.2L) L6 3.75" (95.3mm) AMC	1972	2
M1100	304 CID (5.0L) V8 3.88" (98.4mm) International	1972-1969	3
M1200	232 CID (3.8L) L6 3.75" (95.3mm) AMC	1971-1969	1
M1200	258 CID (4.2L) L6 3.75" (95.3mm) AMC	1972	2
M1200	304 CID (5.0L) V8 3.88" (98.4mm) International	1972-1969	3
M1400	232 CID (3.8L) L6 3.75" (95.3mm) AMC	1969	1
M1400	304 CID (5.0L) V8 3.88" (98.4mm) International	1969	3
M800	232 CID (3.8L) L6 3.75" (95.3mm) AMC	1970-1969	1
M800	304 CID (5.0L) V8 3.88" (98.4mm) International	1971-1969	3
M800 Navy	232 CID (3.8L) L6 3.75" (95.3mm) AMC	1969	1
M800 Navy	304 CID (5.0L) V8 3.88" (98.4mm) International	1969	3
M800 Post Office	232 CID (3.8L) L6 3.75" (95.3mm) AMC	1970-1969	1
M800 Post Office	258 CID (4.2L) L6 3.75" (95.3mm) AMC	1972	2

MODEL	ENGINE	YEAR	BLOCK
M800 Post Office	304 CID (5.0L) V8 3.88" (98.4mm) International	1972, 1970-1969	3
MA1200	232 CID (3.8L) L6 3.75" (95.3mm) AMC	1971-1969	1
MA1200	304 CID (5.0L) V8 3.88" (98.4mm) International	1971-1969	3
MHC1310	258 CID (4.2L) L6 3.75" (95.3mm) AMC	1974	2
MHC1310	304 CID (5.0L) V8 3.88" (98.4mm) International	1974	3
MHC1310	304 CID (5.0L) V8 3.88" (98.4mm) International LPG	1974	4
MS	345 CID (5.6L) V8 3.88" (98.4mm) International	1975	5
MS1210	258 CID (4.2L) L6 3.75" (95.3mm) AMC	1974-1972	2
MS1210	304 CID (5.0L) V8 3.88" (98.4mm) International	1974-1972	3
S1600	345 CID (5.6L) V8 3.88" (98.4mm) International V345	1980	6
S1600	420 CID (6.9L) V8 4.00" (101.6mm) International DIESEL	1987-1984	8
S1700	345 CID (5.6L) V8 3.88" (98.4mm) International V345	1980	6
S1700	420 CID (6.9L) V8 4.00" (101.6mm) International DIESEL	1987-1984	8
S1800	345 CID (5.6L) V8 3.88" (98.4mm) International V345	1980	6
S1900	420 CID (6.9L) V8 4.00" (101.6mm) International DIESEL	1987-1986	8
Scout	304 CID (5.0L) V8 3.88" (98.4mm) International	1970-1969	3
Scout II	232 CID (3.8L) L6 3.75" (95.3mm) AMC	1971	1
Scout II	258 CID (4.2L) L6 3.75" (95.3mm) AMC	1973	2
Scout II	304 CID (5.0L) V8 3.88" (98.4mm) International	1980-1971	3
Scout II	345 CID (5.6L) V8 3.88" (98.4mm) International	1980-1971	5
Travelall	304 CID (5.0L) V8 3.88" (98.4mm) International	1975	3
Travelall	345 CID (5.6L) V8 3.88" (98.4mm) International	1975	5

YEAR	VIN	PART NUMBER	SPECS	QTY	RINGS	PIN DIA	COMP HGT
<b>1</b>		<b>232 CID (3.8L) L6 3.75" (95.3mm) AMC</b>					<b>1</b>
1971-1969	-	<b>224-1715</b>	 <p>Material: Aluminum D Shape Recessed Head Recess Depth: 0.120" Replace in full sets only.</p>	6	5/64" 5/64" 3/16"	0.931"	1.581"
			STD, .020", .030", .040", .060"	Pin Hole Location: Offset			
				<b>Piston Ring Sets:</b> Cast Iron: <b>50668CP</b> Premium: <b>40668CP</b>			

<b>2</b>		<b>258 CID (4.2L) L6 3.75" (95.3mm) AMC</b>					<b>2</b>
1974-1972	-	<b>224-1715</b>	 <p>Material: Aluminum D Shape Recessed Head Recess Depth: 0.120" Replace in full sets only.</p>	6	5/64" 5/64" 3/16"	0.931"	1.581"
			STD, .020", .030", .040", .060"	Pin Hole Location: Offset			
<b>Notes:</b>			For Cars: with 1 Barrel Carburetor	<b>Piston Ring Sets:</b> Cast Iron: <b>50668CP</b> Premium: <b>40668CP</b>			

# NAVISTAR/INTERNATIONAL



YEAR

VIN

PART NUMBER



SPECS

QTY



RINGS

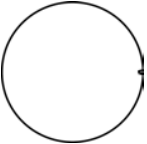


PIN DIA



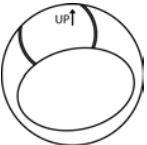
COMP HGT

<b>3</b>	<b>304 CID (5.0L) V8 3.88" (98.4mm) International</b>		<b>3</b>
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1980-1969	-	<b>224-1894</b>		Material: Aluminum	8	3/32" 3/32" 3/16"	1.062"	1.891"
				Flat Head Exhaust emission engine. Recessed head, not destroked. Iron Top Groove.				
				STD, .020", .030", .040"	Pin Hole Location: Center			

**Notes:** For Medium Duty, Trucks: From Chassis #(s) H668260

**Piston Ring Sets:** Cast Iron: **50220**  
Premium: **S40220**

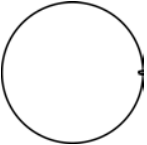
		<b>224-1895</b>		Material: Aluminum	8	3/32" 3/32" 3/16"	1.062"	2.2"
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				Special Head Contour Design Contoured Head, Not destroked. Iron Top Groove.				
				STD, .030", .040"	Pin Hole Location: Center			

**Notes:** For : Up to Chassis # H668260

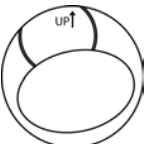
**Piston Ring Sets:** Cast Iron: **50220**  
Premium: **S40220**

<b>4</b>	<b>304 CID (5.0L) V8 3.88" (98.4mm) International LPG</b>		<b>4</b>
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1974, 1972-1971	-	<b>224-1894</b>		Material: Aluminum	8	3/32" 3/32" 3/16"	1.062"	1.891"
				Flat Head Exhaust emission engine. Recessed head, not destroked. Iron Top Groove.				
				STD, .020", .030", .040"	Pin Hole Location: Center			

**Notes:** For Medium Duty, Trucks: From Chassis #(s) H668260

**Piston Ring Sets:** Cast Iron: **50220**  
Premium: **S40220**

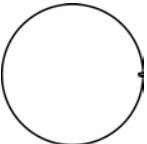
		<b>224-1895</b>		Material: Aluminum	8	3/32" 3/32" 3/16"	1.062"	2.2"
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				Special Head Contour Design Contoured Head, Not destroked. Iron Top Groove.				
				STD, .030", .040"	Pin Hole Location: Center			

**Notes:** For : Up to Chassis # H668260

**Piston Ring Sets:** Cast Iron: **50220**  
Premium: **S40220**

<b>5</b>	<b>345 CID (5.6L) V8 3.88" (98.4mm) International</b>		<b>5</b>
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1980-1971 1974	-	<b>224-1894</b>		Material: Aluminum	8	3/32" 3/32" 3/16"	1.062"	1.891"
				Flat Head Exhaust emission engine. Recessed head, not destroked. Iron Top Groove.				
				STD, .020", .030", .040"	Pin Hole Location: Center			

**Notes:** For Medium Duty, Trucks: From Chassis #(s) H765354

**Piston Ring Sets:** Cast Iron: **50220**  
Premium: **S40220**

# NAVISTAR/INTERNATIONAL

# MAHLE



YEAR

VIN

PART NUMBER



SPECS

QTY



RINGS



PIN DIA



COMP HGT

<b>5 (cont.)</b>	<b>345 CID (5.6L) V8 3.88" (98.4mm) International</b>	<b>5 (cont.)</b>
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1980-1971	-	224-1895	 STD, .030", .040"	Material: Aluminum	8	3/32"	1.062"	2.2"
1974		8		Special Head Contour Design Contoured Head, Not destroyed. Iron Top Groove.			3/32"	

**Notes:** For Medium Duty, Trucks: Up to Chassis # H765354

**Piston Ring Sets:** Cast Iron: **50220**  
Premium: **S40220**

<b>6</b>	<b>345 CID (5.6L) V8 3.88" (98.4mm) International V345</b>	<b>6</b>
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1980	-	224-1894	 STD, .020", .030", .040"	Material: Aluminum	8	3/32"	1.062"	1.891"
				Flat Head Exhaust emission engine. Recessed head, not destroyed. Iron Top Groove.			3/32"	

**Notes:** For Medium Duty, Trucks: From Chassis #(s) H765354

**Piston Ring Sets:** Cast Iron: **50220**  
Premium: **S40220**

1980	-	224-1895	 STD, .030", .040"	Material: Aluminum	8	3/32"	1.062"	2.2"
				Special Head Contour Design Contoured Head, Not destroyed. Iron Top Groove.			3/32"	

**Notes:** For Medium Duty, Trucks: Up to Chassis # H765354

**Piston Ring Sets:** Cast Iron: **50220**  
Premium: **S40220**

<b>7</b>	<b>363 CID (6.0L) V8 3.74" (95.0mm) International Power-Stroke VT365 DIESEL</b>	<b>7</b>
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2003	AF	224-3454	 STD, .020", .030", .040"	Material: Aluminum Casting Number: 95L102	8	2.30mm	1.339"	2.059"
				Flat with combustion chamber Recess Depth: 0.646" Coated skirts. Keystone top ring. For S/N 1611 & UP. 2003 ONLY			2.00mm	

**Piston Ring Sets:** Premium: **41940**

2003	AF	224-3455	 STD, .020", .030", .040"	Material: Aluminum Casting Number: 95L102	8	2.30mm	1.339"	2.049"
				Flat with combustion chamber Recess Depth: 0.646" Coated skirts. Keystone top ring. For S/N 1611 & UP.			2.00mm	

**Notes:** Piston Destroyed .010"

**Piston Ring Sets:** Premium: **41940**

# NAVISTAR/INTERNATIONAL



YEAR

VIN

PART NUMBER



SPECS

QTY



RINGS




PIN DIA



COMP HGT

<b>8</b>	<b>420 CID (6.9L) V8 4.00" (101.6mm) International DIESEL</b>		<b>8</b>
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1987-1984	-	<b>224-3505</b>		Material: Aluminum Casting Number: 101126  Ricardo Bowl Head	8	2.00mm 2.00mm 2.80mm	1.11"	1.944"
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STD, .020", .030", .040"

**Piston Ring Sets:** Premium: **41333**

# NISSAN

ENGINE	YEAR	BLOCK
1597 CC (1.6L) DOHC L4 GA16DE	1999-1995	1
2389 CC (2.4L) DOHC L4 KA24DE	1998-1991	2

MODEL	ENGINE	YEAR	BLOCK
200SX	1597 CC (1.6L) DOHC L4 2.99" (76.0mm) GA16DE	1998-1995	1
240SX	2389 CC (2.4L) DOHC L4 3.50" (89.0mm) KA24DE	1998-1991	2
Altima	2389 CC (2.4L) DOHC L4 3.50" (89.0mm) KA24DE	1998-1993	2
Sentra	1597 CC (1.6L) DOHC L4 2.99" (76.0mm) GA16DE	1999-1995	1

YEAR	VIN	PART NUMBER	SPECS	QTY	RINGS	PIN DIA	COMP HGT
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<b>1</b>	<b>1597 CC (1.6L) DOHC L4 2.99" (76.0mm) GA16DE</b>		<b>1</b>
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1999	-	<b>224-3463</b>		4			
1998-1995	A						

STD, .020", .040"

**Piston Ring Sets:** Premium: **41923**

# NISSAN

# MAHLE



YEAR

VIN

PART NUMBER



SPECS



RINGS



PIN DIA



COMP HGT

2		2389 CC (2.4L) DOHC L4 3.50" (89.0mm) KA24DE						2	
1998-1995	A	224-2985	 <p>STD, .020", .040"</p>	Material: Aluminum Concave Head	4	1.50mm	0.8264"	1.323"	
1998	D					1.50mm			
1997-1993	B					2.80mm			
1994-1991	M								
<p><b>Piston Ring Sets:</b> Cast Iron: <b>51622CP</b> Premium: <b>41622CP</b></p>									

## NISSAN TRUCK

ENGINE	YEAR	BLOCK
2389 CC (2.4L) SOHC L4 KA24E	1997-1990	1
3275 CC (3.3L) SOHC V6 VG33E	2000-1996	2

MODEL	ENGINE	YEAR	BLOCK
D21	2389 CC (2.4L) SOHC L4 3.50" (89.0mm) KA24E	1994-1990	1
Frontier	3275 CC (3.3L) SOHC V6 3.60" (91.5mm) VG33E	2000-1999	2
Pathfinder	3275 CC (3.3L) SOHC V6 3.60" (91.5mm) VG33E	2000-1996	2
Pickup	2389 CC (2.4L) SOHC L4 3.50" (89.0mm) KA24E	1997-1995	1
Quest	3275 CC (3.3L) SOHC V6 3.60" (91.5mm) VG33E	2000-1999	2
Xterra	3275 CC (3.3L) SOHC V6 3.60" (91.5mm) VG33E	2000	2

YEAR	VIN	PART NUMBER	SPECS	QTY	RINGS	PIN DIA	COMP HGT
1		2389 CC (2.4L) SOHC L4 3.50" (89.0mm) KA24E				1	
1997-1990	S	224-2923		4			

STD, .020", .040"

# NISSAN TRUCK



YEAR

VIN

PART NUMBER



SPECS

QTY



RINGS



PIN DIA



COMP HGT

YEAR	VIN	PART NUMBER	SPECS	QTY	RINGS	PIN DIA	COMP HGT
<b>2</b>		<b>3275 CC (3.3L) SOHC V6 3.60" (91.5mm) VG33E</b>					<b>2</b>
2000-1999	-	<b>224-3456</b>		6			
1998-1996	A						

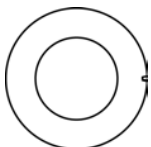
STD, .020"

**Piston Ring Sets:** Premium: **41924**

# SAAB TRUCK

ENGINE	YEAR	BLOCK
256 CID (4.2L) DOHC L6 General Motors Vortec	2005	1

MODEL	ENGINE	YEAR	BLOCK
9-7x	256 CID (4.2L) DOHC L6 3.66" (93.0mm) General Motors Vortec	2005	1

YEAR	VIN	PART NUMBER	SPECS	QTY	RINGS	PIN DIA	COMP HGT
<b>1</b>		<b>256 CID (4.2L) DOHC L6 3.66" (93.0mm) General Motors Vortec</b>					<b>1</b>
2005	S	<b>224-3448</b>	 <p>Material: Aluminum Casting Number: 93L42</p> <p>High Dome Dome Height: 0.093" Domed head . This is a .010" reduced CH. Coated skirts</p> <p>STD, .010", .020"</p>	6	1.20mm 1.50mm 2.50mm	0.905"	1.100"




**Notes:** Coated

**Piston Ring Sets:** Premium: **41907CP**

# SATURN

ENGINE	YEAR	BLOCK
116 CID (1.9L) SOHC L4 General Motors	1998-1995	1
116 CID (1.9L) DOHC L4 General Motors	2002-1994	2
134 CID (2.2L) DOHC L4 General Motors Ecotec L61	2004-2002	3

MODEL	ENGINE	YEAR	BLOCK
Ion-1	134 CID (2.2L) DOHC L4 3.39" (86.0mm) General Motors Ecotec L61	2004-2003	3
Ion-2	134 CID (2.2L) DOHC L4 3.39" (86.0mm) General Motors Ecotec L61	2004-2003	3
Ion-3	134 CID (2.2L) DOHC L4 3.39" (86.0mm) General Motors Ecotec L61	2004-2003	3
L100	134 CID (2.2L) DOHC L4 3.39" (86.0mm) General Motors Ecotec L61	2002	3
L200	134 CID (2.2L) DOHC L4 3.39" (86.0mm) General Motors Ecotec L61	2003-2002	3
L300-1	134 CID (2.2L) DOHC L4 3.39" (86.0mm) General Motors Ecotec L61	2004	3
LW200	134 CID (2.2L) DOHC L4 3.39" (86.0mm) General Motors Ecotec L61	2003-2002	3
SC1	116 CID (1.9L) SOHC L4 3.23" (82.0mm) General Motors	1998-1995	1
SC2	116 CID (1.9L) DOHC L4 3.23" (82.0mm) General Motors	2002-1994	2
SL	116 CID (1.9L) SOHC L4 3.23" (82.0mm) General Motors	1998-1995	1
SL1	116 CID (1.9L) SOHC L4 3.23" (82.0mm) General Motors	1998-1995	1
SL2	116 CID (1.9L) DOHC L4 3.23" (82.0mm) General Motors	2002-1994	2
SW1	116 CID (1.9L) SOHC L4 3.23" (82.0mm) General Motors	1998-1995	1
SW2	116 CID (1.9L) DOHC L4 3.23" (82.0mm) General Motors	2001-1994	2

YEAR	VIN	PART NUMBER	SPECS	QTY	RINGS	PIN DIA	COMP HGT
		<b>1</b>	<b>116 CID (1.9L) SOHC L4 3.23" (82.0mm) General Motors</b>	<b>1</b>			
1998-1995	8	<b>224-2890</b>	 <p>Material: Hypereutectic                      Recessed Head w/2 Valve Reliefs                      Recess Depth: 0.11"                      Recess Diameter: 2.700"                      Use early sty ring pick.</p>	4	1.50mm 1.50mm 3.00mm	0.768"	1.165"
			STD, .020", .030", .040"	Pin Hole Location: Offset			
			<b>Piston Ring Sets:</b>	Cast Iron: <b>51691CP</b> Premium: <b>41691CP</b>			
		<b>2</b>	<b>116 CID (1.9L) DOHC L4 3.23" (82.0mm) General Motors</b>	<b>2</b>			
1998-1995	7	<b>224-2890</b>	 <p>Material: Hypereutectic                      Recessed Head w/2 Valve Reliefs                      Recess Depth: 0.11"                      Recess Diameter: 2.700"                      Use early sty ring pick.</p>	4	1.50mm 1.50mm 3.00mm	0.768"	1.165"
			STD, .020", .030", .040"	Pin Hole Location: Offset			
			<b>Piston Ring Sets:</b>	Cast Iron: <b>51691CP</b> Premium: <b>41691CP</b>			
2002-1994	7	<b>224-3441</b>	 <p>Material: Hypereutectic                      Recess Head w/ 2 valve reliefs                      Recess Depth: 0.060"                      Recess Diameter: 2.650"                      Shallow Ring Grooves, Coated Skirts</p>	4	1.20mm 1.50mm 3.00mm	0.7677"	1.165"
			STD, .020", .030", .040"				
<b>Notes:</b>	with 1.2mm Top Compression Ring			<b>Piston Ring Sets:</b> Cast Iron: <b>51866CP</b> Premium: <b>41866CP</b>			

# SATURN



YEAR

VIN

PART NUMBER



SPECS

QTY



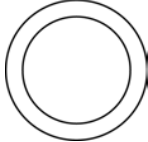
RINGS



PIN DIA




COMP HGT

3		134 CID (2.2L) DOHC L4 3.39" (86.0mm) General Motors Ecotec L61						3	
2004-2002	F	224-3453	 STD, 25MM, 50MM	Material: Aluminum Casting Number: 86L083	4	1.20mm 1.20mm 2.50mm	0.8267"	1.0531"	
				Recessed head Recess Depth: 0.157" Recess Diameter: 2.756"					
<b>Piston Ring Sets:</b> Premium: <b>41897CP</b>									

# STUDEBAKER


ENGINE	YEAR	BLOCK
283 CID (4.7L) V8 General Motors Chevrolet	1966-1965	1

MODEL	ENGINE	YEAR	BLOCK
Commander	283 CID (4.7L) V8 3.88" (98.6mm) General Motors Chevrolet	1966-1965	1
Cruiser	283 CID (4.7L) V8 3.88" (98.6mm) General Motors Chevrolet	1966-1965	1
Daytona	283 CID (4.7L) V8 3.88" (98.6mm) General Motors Chevrolet	1966-1965	1
Wagonaire	283 CID (4.7L) V8 3.88" (98.6mm) General Motors Chevrolet	1966	1

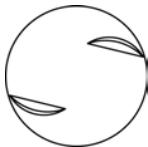
YEAR	VIN	PART NUMBER	SPECS	QTY	RINGS	PIN DIA	COMP HGT	
1		283 CID (4.7L) V8 3.88" (98.6mm) General Motors Chevrolet					1	
1966-1965	-	224-1544	 STD, .020", .030", .040", .060"	Material: Aluminum	8	5/64" 5/64" 3/16"	0.9273" 1.779"	
				Flat Head w/4 Valve Reliefs	Pin Hole Location: Offset			
<b>Notes:</b> For Cars: with 2 Barrel Carburetor				<b>Piston Ring Sets:</b> Cast Iron: <b>50076CP</b> Premium: <b>40076CP</b>				

ENGINE	YEAR	BLOCK
79 CID (1.3L) SOHC L4	1997-1989	1
79 CID (1.3L) DOHC L4	1994-1989	2

MODEL	ENGINE	YEAR	BLOCK
Swift	79 CID (1.3L) SOHC L4 2.91" (74.0mm)	1997-1989	1
Swift	79 CID (1.3L) DOHC L4 2.91" (74.0mm)	1994-1989	2

YEAR	VIN	PART NUMBER	SPECS	QTY	RINGS	PIN DIA	COMP HGT	
<b>1</b>		<b>79 CID (1.3L) SOHC L4 2.91" (74.0mm)</b>					<b>1</b>	
1997-1995	2	<b>224-2719</b>	 Flat Head w/2 Valve Reliefs Recess Depth: 1.20mm	4	1.20mm 1.50mm 2.80mm	0.6693"	1.114"	
1994-1989	3							
STD, .020", .030", .040", .060"							Pin Hole Location: Offset	

**Piston Ring Sets:** Premium: **41628, 41628**

<b>2</b>		<b>79 CID (1.3L) DOHC L4 2.91" (74.0mm)</b>					<b>2</b>	
1994-1989	3	<b>224-2719</b>	 Flat Head w/2 Valve Reliefs Recess Depth: 1.20mm	4	1.20mm 1.50mm 2.80mm	0.6693"	1.114"	
STD, .020", .030", .040", .060"							Pin Hole Location: Offset	

**Piston Ring Sets:** Premium: **41628, 41628**

## SUZUKI TRUCK

ENGINE	YEAR	BLOCK
79 CID (1.3L) SOHC L4	1994-1990	1
81 CID (1.3L) SOHC L4	1989-1986	2

MODEL	ENGINE	YEAR	BLOCK
Samurai	79 CID (1.3L) SOHC L4 2.91" (74.0mm)	1994-1990	1
Samurai	81 CID (1.3L) SOHC L4 2.91" (74.0mm)	1989-1986	2
Sidekick	81 CID (1.3L) SOHC L4 2.91" (74.0mm)	1989	2

# SUZUKI TRUCK

# MAHLE



YEAR

VIN

PART NUMBER



SPECS

QTY



RINGS




PIN DIA



COMP HGT

<b>1</b>	<b>79 CID (1.3L) SOHC L4 2.91" (74.0mm)</b>	<b>1</b>
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1994-1990	3	<b>224-2719</b>		Flat Head w/2 Valve Reliefs Recess Depth: 1.20mm	4	1.20mm 1.50mm 2.80mm	0.6693"	1.114"
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STD, .020", .030", .040", .060"

Pin Hole Location: Offset

**Piston Ring Sets:** Premium: **41628, 41628**

<b>2</b>	<b>81 CID (1.3L) SOHC L4 2.91" (74.0mm)</b>	<b>2</b>
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1989-1986	5	<b>224-2719</b>		Flat Head w/2 Valve Reliefs Recess Depth: 1.20mm	4	1.20mm 1.50mm 2.80mm	0.6693"	1.114"
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STD, .020", .030", .040", .060"

Pin Hole Location: Offset

**Piston Ring Sets:** Premium: **41628, 41628**

# TOYOTA

ENGINE	YEAR	BLOCK
1456 CC (1.5L) SOHC L4 3E	1990-1987	1
1456 CC (1.5L) SOHC L4 3EE	1994-1990	2
2164 CC (2.2L) DOHC L4 5SFNE CNG	2001-2000	3
2164 CC (2.2L) DOHC L4 5SFE	2001-1992	4
2366 CC (2.4L) SOHC L4 22R	1983-1981	5
2366 CC (2.4L) SOHC L4 22RE	1988	6
2366 CC (2.4L) SOHC L4 22REC	1985-1983	7
2995 CC (3.0L) DOHC V6 1MZFE	2003-1993	8

MODEL	ENGINE	YEAR	BLOCK
Avalon	2995 CC (3.0L) DOHC V6 3.45" (87.5mm) 1MZFE	2003-1995	8
Camry	2164 CC (2.2L) DOHC L4 3.43" (87.0mm) 5SFNE CNG	2001-2000	3
Camry	2164 CC (2.2L) DOHC L4 3.43" (87.0mm) 5SFE	2001-1992	4
Camry	2995 CC (3.0L) DOHC V6 3.45" (87.5mm) 1MZFE	2003-1993	8
Celica	2164 CC (2.2L) DOHC L4 3.43" (87.0mm) 5SFE	1999-1992	4
Celica	2366 CC (2.4L) SOHC L4 3.62" (92.0mm) 22R	1983-1981	5
Celica	2366 CC (2.4L) SOHC L4 3.62" (92.0mm) 22REC	1985-1983	7
Corona	2366 CC (2.4L) SOHC L4 3.62" (92.0mm) 22R	1982-1981	5
MR2	2164 CC (2.2L) DOHC L4 3.43" (87.0mm) 5SFE	1995-1992	4
Solara	2164 CC (2.2L) DOHC L4 3.43" (87.0mm) 5SFE	2001-1999	4
Solara	2995 CC (3.0L) DOHC V6 3.45" (87.5mm) 1MZFE	2003-1999	8
Tercel	1456 CC (1.5L) SOHC L4 2.87" (73.0mm) 3E	1990-1987	1
Tercel	1456 CC (1.5L) SOHC L4 2.87" (73.0mm) 3EE	1994-1990	2
Van Wagon	2366 CC (2.4L) SOHC L4 3.62" (92.0mm) 22RE	1988	6



YEAR

VIN

PART NUMBER



SPECS

QTY



RINGS



PIN DIA



COMP HGT

1		1456 CC (1.5L) SOHC L4 2.87" (73.0mm) 3E						1
1990-1987	E	224-2938		Material: Aluminum	4	1.50mm 1.50mm 3.00mm	0.7087"	1.167"
				Shaped Recess w/2 Valve Reliefs In Recess				
				STD, .020", .030", .040"				Pin Hole Location: Offset
								<b>Piston Ring Sets:</b> Cast Iron: <b>51481CP</b> Premium: <b>41481</b>

2		1456 CC (1.5L) SOHC L4 2.87" (73.0mm) 3EE						2
1994-1990	E	224-2938		Material: Aluminum	4	1.50mm 1.50mm 3.00mm	0.7087"	1.167"
				Shaped Recess w/2 Valve Reliefs In Recess				
				STD, .020", .030", .040"				Pin Hole Location: Offset
								<b>Piston Ring Sets:</b> Cast Iron: <b>51481CP</b> Premium: <b>41481</b>

3		2164 CC (2.2L) DOHC L4 3.43" (87.0mm) 5SFNE CNG						3
2001-2000	-	224-3462			4			
				STD, .020", .040"				
								<b>Piston Ring Sets:</b> Premium: <b>41925CP</b>

4		2164 CC (2.2L) DOHC L4 3.43" (87.0mm) 5SFE						4
1999, 1992	-	224-2986		Material: Aluminum	4	1.50mm 1.50mm 4.00mm	0.866"	1.283"
1998-1996	G			Recessed Head w/4 Valve Reliefs				
1995-1992	S			Recess Depth: 0.189"				
				STD, .020", .040"				
								<b>Piston Ring Sets:</b> Premium: <b>41673</b>

2001-2000	-	224-3462			4			
				STD, .020", .040"				
								<b>Piston Ring Sets:</b> Premium: <b>41925CP</b>



YEAR

VIN

PART NUMBER



SPECS

QTY



RINGS



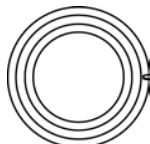
PIN DIA



COMP HGT

**5 2366 CC (2.4L) SOHC L4 3.62" (92.0mm) 22R 5**

1983-1981 R **224-2291** Material: Aluminum 4 2.50mm 0.8665" 1.526"



Raised Head w/Recess In Center  
Dome Height: 0.25"  
Ead recess .20" deep.

2.50mm  
4.00mm

STD, .020", .030", .040"

Pin Hole Location: Offset

**Piston Ring Sets:** Cast Iron: **51489CP**  
Premium: **41489CP**

**6 2366 CC (2.4L) SOHC L4 3.62" (92.0mm) 22RE 6**

1988 R **224-2315** Material: Aluminum 4 1.50mm 0.8665" 1.355"



Recessed Head w/2 Valve Reliefs In  
Recess  
Recess Depth: 0.07"  
Recess Diameter: 2.500"

1.50mm  
4.00mm

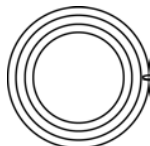
STD, .020", .030", .040"

Pin Hole Location: Offset

**Piston Ring Sets:** Cast Iron: **51489CP**  
Premium: **41489CP**

**7 2366 CC (2.4L) SOHC L4 3.62" (92.0mm) 22REC 7**

1984-1983 R **224-2291** Material: Aluminum 4 2.50mm 0.8665" 1.526"



Raised Head w/Recess In Center  
Dome Height: 0.25"  
Ead recess .20" deep.

2.50mm  
4.00mm

STD, .020", .030", .040"

Pin Hole Location: Offset

**Notes:** For 1984 Cars: Before 8/84

**Piston Ring Sets:** Cast Iron: **51489CP**  
Premium: **41489CP**

1985 R **224-2315** Material: Aluminum 4 1.50mm 0.8665" 1.355"



Recessed Head w/2 Valve Reliefs In  
Recess  
Recess Depth: 0.07"  
Recess Diameter: 2.500"

1.50mm  
4.00mm

STD, .020", .030", .040"

Pin Hole Location: Offset

**Piston Ring Sets:** Cast Iron: **51489CP**  
Premium: **41489CP**

**8 2995 CC (3.0L) DOHC V6 3.45" (87.5mm) 1MZFE 8**

2003-1999 - **224-3461** 6

1998-1996 F

1995-1994 G

1993 V

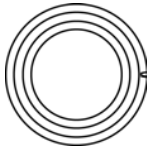
STD, .020", .040"

**Piston Ring Sets:** Premium: **41912CP**

ENGINE	YEAR	BLOCK
2366 CC (2.4L) SOHC L4 22R	1990-1981	1
2366 CC (2.4L) SOHC L4 22RE	1995-1989	2
2366 CC (2.4L) SOHC L4 22REC	1989-1984	3
2366 CC (2.4L) SOHC L4 22RTEC	1988-1985	4
2438 CC (2.4L) DOHC L4 2RZFE	2004-2000	5
2694 CC (2.7L) DOHC L4 3RZFE	2004-2000	6
2959 CC (3.0L) SOHC V6 3VZE	1995-1988	7
2995 CC (3.0L) DOHC V6 1MZFE	2003-1998	8

MODEL	ENGINE	YEAR	BLOCK
4Runner	2366 CC (2.4L) SOHC L4 3.62" (92.0mm) 22R	1984	1
4Runner	2366 CC (2.4L) SOHC L4 3.62" (92.0mm) 22RE	1995-1990	2
4Runner	2366 CC (2.4L) SOHC L4 3.62" (92.0mm) 22REC	1989-1985	3
4Runner	2366 CC (2.4L) SOHC L4 3.62" (92.0mm) 22RTEC	1988-1985	4
4Runner	2694 CC (2.7L) DOHC L4 3.74" (95.0mm) 3RZFE	2000	6
4Runner	2959 CC (3.0L) SOHC V6 3.45" (87.5mm) 3VZE	1995-1988	7
Highlander	2995 CC (3.0L) DOHC V6 3.45" (87.5mm) 1MZFE	2003-2001	8
Pickup	2366 CC (2.4L) SOHC L4 3.62" (92.0mm) 22R	1990-1981	1
Pickup	2366 CC (2.4L) SOHC L4 3.62" (92.0mm) 22RE	1995-1989	2
Pickup	2366 CC (2.4L) SOHC L4 3.62" (92.0mm) 22REC	1988-1984	3
Pickup	2366 CC (2.4L) SOHC L4 3.62" (92.0mm) 22RTEC	1988-1985	4
Pickup	2959 CC (3.0L) SOHC V6 3.45" (87.5mm) 3VZE	1995-1988	7
Sienna	2995 CC (3.0L) DOHC V6 3.45" (87.5mm) 1MZFE	2003-1998	8
T100	2959 CC (3.0L) SOHC V6 3.45" (87.5mm) 3VZE	1994-1993	7
Tacoma	2438 CC (2.4L) DOHC L4 3.74" (95.0mm) 2RZFE	2004-2000	5
Tacoma	2694 CC (2.7L) DOHC L4 3.74" (95.0mm) 3RZFE	2004-2000	6

YEAR	VIN	PART NUMBER	SPECS	QTY	RINGS	PIN DIA	COMP HGT
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<b>1</b>		<b>2366 CC (2.4L) SOHC L4 3.62" (92.0mm) 22R</b>					<b>1</b>
1984-1981	R	<b>224-2291</b>	 <p>Material: Aluminum                      Raised Head w/Recess In Center                      Dome Height: 0.25"                      Ead recess .20" deep.</p>	4	2.50mm 2.50mm 4.00mm	0.8665"	1.526"
			STD, .020", .030", .040"	Pin Hole Location: Offset			
					<b>Piston Ring Sets:</b>	Cast Iron: <b>51489CP</b>	Premium: <b>41489CP</b>

# TOYOTA TRUCK

# MAHLE



YEAR

VIN

PART NUMBER



SPECS



QTY RINGS

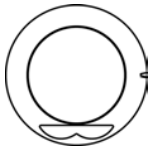


PIN DIA

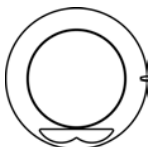


COMP HGT

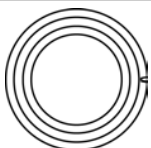
## 1 (cont.) 2366 CC (2.4L) SOHC L4 3.62" (92.0mm) 22R 1 (cont.)

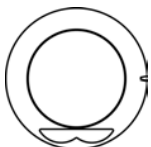
1990-1985	R	<b>224-2315</b>		Material: Aluminum	4	1.50mm 1.50mm 4.00mm	0.8665"	1.355"
				Recessed Head w/2 Valve Reliefs In Recess Recess Depth: 0.07" Recess Diameter: 2.500"				
STD, .020", .030", .040"				Pin Hole Location: Offset				
				<b>Piston Ring Sets:</b>	Cast Iron: <b>51489CP</b> Premium: <b>41489CP</b>			

## 2 2366 CC (2.4L) SOHC L4 3.62" (92.0mm) 22RE 2

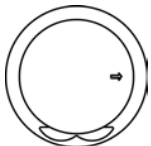
1995-1989	R	<b>224-2315</b>		Material: Aluminum	4	1.50mm 1.50mm 4.00mm	0.8665"	1.355"
				Recessed Head w/2 Valve Reliefs In Recess Recess Depth: 0.07" Recess Diameter: 2.500"				
STD, .020", .030", .040"				Pin Hole Location: Offset				
				<b>Piston Ring Sets:</b>	Cast Iron: <b>51489CP</b> Premium: <b>41489CP</b>			

## 3 2366 CC (2.4L) SOHC L4 3.62" (92.0mm) 22REC 3

1984	R	<b>224-2291</b>		Material: Aluminum	4	2.50mm 2.50mm 4.00mm	0.8665"	1.526"
				Raised Head w/Recess In Center Dome Height: 0.25" Ead recess .20" deep.				
STD, .020", .030", .040"				Pin Hole Location: Offset				
				<b>Piston Ring Sets:</b>	Cast Iron: <b>51489CP</b> Premium: <b>41489CP</b>			

1989-1985	R	<b>224-2315</b>		Material: Aluminum	4	1.50mm 1.50mm 4.00mm	0.8665"	1.355"
				Recessed Head w/2 Valve Reliefs In Recess Recess Depth: 0.07" Recess Diameter: 2.500"				
STD, .020", .030", .040"				Pin Hole Location: Offset				
				<b>Piston Ring Sets:</b>	Cast Iron: <b>51489CP</b> Premium: <b>41489CP</b>			

## 4 2366 CC (2.4L) SOHC L4 3.62" (92.0mm) 22RTEC 4

1988-1985	R	<b>224-3401</b>		Material: Aluminum	4	1.50mm 1.50mm 4.00mm	0.8665"	1.355"
				Recessed Head w/2 Valve Reliefs In Recess Recess Depth: 0.218" Recess Diameter: 2.900"				
STD, .020", .040"				Pin Hole Location: Offset				
				<b>Piston Ring Sets:</b>	Cast Iron: <b>51489CP</b> Premium: <b>41489CP</b>			

# TOYOTA TRUCK

# MAHLE



YEAR

VIN

PART NUMBER



SPECS



RINGS



PIN DIA



COMP HGT

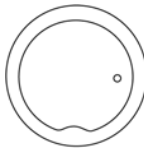
QTY

5	2438 CC (2.4L) DOHC L4 3.74" (95.0mm) 2RZFE				5
2004-2000	-	224-3458		4	

STD, .020", .040"

**Piston Ring Sets:** Premium: **41910CP**

6	2694 CC (2.7L) DOHC L4 3.74" (95.0mm) 3RZFE				6
2004-2000	-	224-3457	Recessed head	4	24mm 1.4763"



STD, .020", .040"

**Piston Ring Sets:** Premium: **41910CP**

7	2959 CC (3.0L) SOHC V6 3.45" (87.5mm) 3VZE				7
1995-1988	V	224-2816	Material: Aluminum	6	1.50mm 0.8271" 1.328"



STD, .020", .030", .040"

Recessed head w/ 2 valve reliefs  
Recess Depth: 0.147"  
LEFT & RIGHT Pistons (SETS ONLY)

1.50mm

1.50mm

4.00mm

Pin Hole Location: Offset

**Notes:** Replace in Complete Sets

**Piston Ring Sets:** Cast Iron: **51625**  
Premium: **41625**

8	2995 CC (3.0L) DOHC V6 3.45" (87.5mm) 1MZFE				8
2003-1999	-	224-3461		6	
1998	F				

STD, .020", .040"

**Piston Ring Sets:** Premium: **41912CP**

# NUMERICAL LISTING



PART	MAKE	YEAR	CYL	CID	BLOCK		PART	MAKE	YEAR	CYL	CID	BLOCK	
					LTR	NUM						LTR	NUM
224-1397	Dodge Truck	1969-1960	6	170	2.8	7	224-1737	General Motors Truck	1973-1968	8	307	5.0	20
224-1397	Dodge Truck	1974-1970	6	198	3.2	9	224-1737	General Motors Corp.	1973-1968	8	307	5.0	30
224-1397	Chrysler	1969-1960	6	170	2.8	10	224-1740	General Motors Corp.	1980-1968	8	350	5.7	36
224-1397	Chrysler	1987-1960	6	198	3.2	13	224-1746	General Motors Corp.	1976-1968	8	455	7.5	47
224-1397	Dodge Truck	1987-1960	6	225	3.7	13	224-1747-020	General Motors Corp.	1970-1968	8	455	7.5	47
224-1397	Chrysler	1987-1960	6	225	3.7	17	224-1749	General Motors Truck	1985-1984, 1979-1968	8	350	5.7	28
224-1527	Checker Motors	1969-1962	8	327	5.4	5	224-1749	General Motors Corp.	1985-1984, 1979-1968	8	350	5.7	37
224-1527	General Motors Truck	1969-1962	8	327	5.4	23	224-1810.020	Ford Truck	1972-1969	8	351	5.8	31
224-1527	General Motors Corp.	1969-1962	8	327	5.4	32	224-1810.020	Ford Truck	1972-1969	8	351	5.8	32
224-1529	Ford	1964-1962	8	260	4.3	21	224-1810.020	Ford Truck	1972-1969	8	351	5.8	33
224-1544	Studebaker	1966-1965	8	283	4.7	1	224-1810.020	Ford	1972-1969	8	351	5.8	33
224-1544	Checker Motors	1967-1957	8	283	4.6	2	224-1810.020	Ford	1972-1969	8	351	5.8	34
224-1544	General Motors Truck	1967-1957	8	283	4.6	14	224-1810.020	Ford	1972-1969	8	351	5.8	34
224-1544	General Motors Corp.	1967-1957	8	283	4.6	27	224-1810.020	Ford	1972-1969	8	351	5.8	35
224-1650	Ford Truck	1983-1963	6	200	3.3	9	224-1831	Ford	1976-1968	8	390	6.4	38
224-1650	Ford	1983-1963	6	200	3.3	15	224-1831	Ford	1967-1966	8	410	6.7	40
224-1650	Ford Truck	1983-1963	6	250	4.1	15	224-1831	Ford Truck	1976-1968	8	390	6.4	41
224-1650	Ford	1980-1969	6	250	4.1	19	224-1832	Ford Truck	1969	8	351	5.8	31
224-1658	Checker Motors	1984-1966	6	250	4.1	1	224-1832	Ford Truck	1969	8	351	5.8	32
224-1658	General Motors Truck	1984-1966	6	250	4.1	10	224-1832	Ford	1969	8	351	5.8	33
224-1658	General Motors Corp.	1984-1966	6	250	4.1	24	224-1832	Ford Truck	1969	8	351	5.8	33
224-1666.030	Ford Truck	1966-1958	8	352	5.8	35	224-1832	Ford Truck	1969	8	351	5.8	34
224-1666.030	Ford	1966-1958	8	352	5.8	37	224-1832	Ford	1969	8	351	5.8	34
224-1670	General Motors Corp.	1979-1967	8	400	6.6	40	224-1832	Ford Truck	1969	8	351	5.8	35
224-1699	Chrysler	1971-1959	8	383	6.3	23	224-1832	Ford Truck	1969	8	351	5.8	35
224-1699	Dodge Truck	1971-1959	8	383	6.3	29	224-1832	Ford	1969	8	351	5.8	36
224-1708	General Motors Truck	1984-1980, 1967-1966	8	366	6.0	33	224-1832	Ford	1969	8	351	5.8	36
224-1708	General Motors Truck	1984-1980, 1967-1966	8	366	6.0	34	224-1840	Ford	1982-1971	8	400	6.6	39
224-1708	General Motors Truck	1984-1980, 1967-1966	8	366	6.0	35	224-1840	Ford Truck	1982-1971	8	400	6.6	42
224-1712	Ford	1970-1966	8	390	6.4	38	224-1842	Ford Truck	1987-1969	6	300	4.9	23
224-1712	Ford Truck	1970-1966	8	390	6.4	41	224-1842	Ford Truck	1987-1969	6	300	4.9	24
224-1713	Ford Truck	1976-1968	8	360	5.9	36	224-1848	General Motors Corp.	1974-1970	8	455	7.5	46
224-1715	Navistar/International	1979-1965	6	232	3.8	1	224-1849	General Motors Corp.	1976-1970	8	455	7.5	48
224-1715	Navistar/International	1979-1971	6	258	4.2	2	224-1850	Jeep	1992-1971	8	360	5.9	14
224-1715	American Motors	1979-1965	6	232	3.8	3	224-1850	Chrysler	1992-1971	8	360	5.9	22
224-1715	American Motors	1979-1971	6	258	4.2	4	224-1850	Dodge Truck	1992-1971	8	360	5.9	26
224-1715	Jeep	1979-1965	6	232	3.8	7	224-1850	Dodge Truck	1992-1971	8	360	5.9	27
224-1730.030	Chrysler	1972-1968	8	440	7.2	25	224-1850	Dodge Truck	1992-1971	8	360	5.9	28
224-1730.030	Dodge Truck	1972-1968	8	440	7.2	31	224-1852	General Motors Corp.	1980-1970	8	400	6.6	39
224-1735	General Motors Corp.	1969-1967	8	430	7.0	44	224-1852	General Motors Truck	1980-1970	8	400	6.6	41
224-1737	Checker Motors	1973-1968	8	307	5.0	4	224-1856	Ford	1987-1968	8	460	7.5	43
							224-1856	Ford	1987-1968	8	460	7.5	44
							224-1856	Ford Truck	1987-1968	8	460	7.5	50

# NUMERICAL LISTING



PART	MAKE	YEAR	CYL	CID	BLOCK		PART	MAKE	YEAR	CYL	CID	BLOCK	
					LTR	NUM						LTR	NUM
224-1860	General Motors Truck	1985-1980	8	427	7.0	43	224-1921	Ford	1974-1970	8	351	5.8	35
224-1860	General Motors Truck	1985-1980	8	427	7.0	44	224-1921	Ford	1974-1970	8	351	5.8	36
224-1866	Chrysler	1978-1972	8	400	6.6	24	224-1946	Ford Truck	1984-1974	4	140	2.3	3
224-1866	Dodge Truck	1978-1972	8	400	6.6	30	224-1946	Ford	1984-1974	4	140	2.3	8
224-1869	Ford	1973-1968	8	429	7.0	42	224-1946	Ford	1984-1974	4	140	2.3	9
224-1869	Ford Truck	1973-1968	8	429	7.0	46	224-1949	Jeep	1980, 1974-1968	8	350	5.7	12
224-1869	Ford Truck	1973-1968	8	429	7.0	47	224-1949	General Motors Corp.	1980, 1974-1968	8	350	5.7	34
224-1870	General Motors Truck	1983-1970	8	454	7.4	45	224-1999	Ford Truck	1986-1983, 1975-1974	6	171	2.8	5
224-1870	General Motors Corp.	1983-1970	8	454	7.4	45	224-1999	Ford	1986-1983, 1975-1974	6	171	2.8	11
224-1870	General Motors Truck	1983-1970	8	454	7.4	46	224-2001	Ford Truck	1982-1975	8	351	5.8	31
224-1870	General Motors Truck	1983-1970	8	454	7.4	47	224-2001	Ford Truck	1982-1975	8	351	5.8	32
224-1870	General Motors Truck	1983-1970	8	454	7.4	48	224-2001	Ford	1982-1975	8	351	5.8	33
224-1870	General Motors Truck	1983-1970	8	454	7.4	49	224-2001	Ford Truck	1982-1975	8	351	5.8	33
224-1882	Ford Truck	1977-1975	8	330	5.4	26	224-2001	Ford Truck	1982-1975	8	351	5.8	34
224-1882	Ford Truck	1977-1975	8	330	5.4	27	224-2001	Ford	1982-1975	8	351	5.8	34
224-1882	Ford Truck	1977-1975	8	330	5.4	28	224-2001	Ford	1982-1975	8	351	5.8	35
224-1882	Ford Truck	1977-1975	8	330	5.4	29	224-2001	Ford	1982-1975	8	351	5.8	36
224-1882	Ford Truck	1977-1975	8	330	5.4	30	224-2007	Jeep	2001-1968	8	318	5.2	11
224-1885	Checker Motors	1969-1962	8	327	5.4	5	224-2007	Chrysler	2001-1968	8	318	5.2	20
224-1885	General Motors Truck	1969-1962	8	327	5.4	23	224-2007	Dodge Truck	2001-1968	8	318	5.2	21
224-1885	General Motors Corp.	1969-1962	8	327	5.4	32	224-2007	Dodge Truck	2001-1968	8	318	5.2	22
224-1889	General Motors Truck	1989-1963	6	292	4.8	15	224-2007	Dodge Truck	2001-1968	8	318	5.2	23
224-1889	General Motors Truck	1989-1963	6	292	4.8	16	224-2007	Dodge Truck	2001-1968	8	318	5.2	24
224-1894	Navistar/International	1980-1969	8	304	5.0	3	224-2009	Chrysler	1979-1972	8	440	7.2	25
224-1894	Navistar/International	1980-1969	8	304	5.0	4	224-2009	Dodge Truck	1979-1972	8	440	7.2	31
224-1894	Navistar/International	1980-1971	8	345	5.6	5	224-2012	Checker Motors	1987-1976	8	305	5.0	3
224-1894	Navistar/International	1980-1971	8	345	5.6	6	224-2012	General Motors Truck	1987-1976	8	305	5.0	18
224-1895	Navistar/International	1980-1971	8	304	5.0	3	224-2012	General Motors Truck	1987-1976	8	305	5.0	19
224-1895	Navistar/International	1980-1971	8	304	5.0	4	224-2012	General Motors Corp.	1987-1976	8	305	5.0	29
224-1895	Navistar/International	1980-1971	8	345	5.6	5	224-2034	General Motors Corp.	1981-1977	8	301	4.9	28
224-1895	Navistar/International	1980-1971	8	345	5.6	6	224-2035	General Motors Corp.	1976-1974	8	500	8.2	50
224-1916	Ford Truck	1969-1965	6	240	3.9	12	224-2038	General Motors Corp.	1979-1977	8	403	6.6	42
224-1916	Ford	1969-1965	6	240	3.9	18	224-2039	Ford Truck	1986-1977	6	300	4.9	23
224-1916	Ford Truck	1968-1964	8	289	4.7	21	224-2039	Ford Truck	1986-1977	6	300	4.9	24
224-1916	Ford Truck	1976-1968	8	302	5.0	25	224-2040	Ford Truck	1993-1969	8	351	5.8	31
224-1916	Ford	1968-1964	8	289	4.7	27	224-2040	Ford Truck	1993-1969	8	351	5.8	32
224-1916	Ford	1976-1968	8	302	5.0	29	224-2040	Ford Truck	1993-1969	8	351	5.8	33
224-1916	Ford	1976-1968	8	302	5.0	30	224-2040	Ford	1993-1969	8	351	5.8	33
224-1921	Ford Truck	1974-1970	8	351	5.8	31	224-2040	Ford Truck	1993-1969	8	351	5.8	34
224-1921	Ford Truck	1974-1970	8	351	5.8	32	224-2040	Ford Truck	1993-1969	8	351	5.8	34
224-1921	Ford Truck	1974-1970	8	351	5.8	33	224-2040	Ford	1993-1969	8	351	5.8	34
224-1921	Ford	1974-1970	8	351	5.8	33	224-2040	Ford	1993-1969	8	351	5.8	34
224-1921	Ford Truck	1974-1970	8	351	5.8	34	224-2040	Ford	1993-1969	8	351	5.8	34
224-1921	Ford	1974-1970	8	351	5.8	34							

# NUMERICAL LISTING



PART	MAKE	YEAR	BLOCK				PART	MAKE	YEAR	BLOCK			
			CYL	CID	LTR	NUM				CYL	CID	LTR	NUM
224-2040	Ford	1993-1969	8	351	5.8	35	224-2315	Toyota Truck	1995-1985	4	-	2.4	2
224-2040	Ford	1993-1969	8	351	5.8	36	224-2315	Toyota Truck	1995-1985	4	-	2.4	3
224-2108	Ford Truck	1968-1965	8	289	4.7	21	224-2315	Toyota Truck	1995-1985	4	-	2.4	4
224-2108	Ford Truck	1986-1977	8	302	5.0	25	224-2315	Toyota	1995-1985	4	-	2.4	5
224-2108	Ford	1968-1965	8	289	4.7	27	224-2315	Toyota	1995-1985	4	-	2.4	6
224-2108	Ford	1986-1977	8	302	5.0	29	224-2315	Toyota	1995-1985	4	-	2.4	7
224-2108	Ford	1986-1977	8	302	5.0	30	224-2322	American Motors	1990-1983	4	150	2.5	1
224-2120	Ford	1993-1980	8	429	7.0	42	224-2322	Jeep	1990-1983	4	150	2.5	2
224-2120	Ford Truck	1993-1980	8	429	7.0	46	224-2322	Eagle Chrysler	1990-1983	4	150	2.5	4
224-2120	Ford Truck	1993-1980	8	429	7.0	47	224-2322	Jeep	1995-1987	6	242	4.0	8
224-2125	General Motors Corp.	1987-1979	4	98	1.6	3	224-2348	Dodge Truck	1993-1986	4	135	2.2	1
224-2130	General Motors Corp.	1989-1980	4	112	1.8	4	224-2348	Chrysler	1993-1986	4	135	2.2	4
224-2130	General Motors Truck	1989-1980	6	173	2.8	4	224-2348	Chrysler	1993-1986	4	135	2.2	5
224-2130	Jeep	1989-1980	6	173	2.8	4	224-2353	Mazda Truck	1994-1986	6	182	3.0	2
224-2130	General Motors Corp.	1989-1980	6	173	2.8	15	224-2353	Ford Truck	1994-1986	6	182	3.0	7
224-2132	General Motors Corp.	1984-1980	8	307	5.0	31	224-2353	Ford Truck	1994-1986	6	182	3.0	8
224-2141	General Motors Truck	1986-1979	4	151	2.5	2	224-2353	Ford	1994-1986	6	182	3.0	13
224-2141	American Motors	1986-1979	4	151	2.5	2	224-2353	Ford	1994-1986	6	182	3.0	14
224-2141	Jeep	1986-1979	4	151	2.5	3	224-2357	Isuzu Truck	1991-1989	6	-	2.8	2
224-2141	General Motors Corp.	1986-1979	4	151	2.5	14	224-2357	Jeep	1993-1981	6	173	2.8	4
224-2158	Navistar/International	1988-1979	6	258	4.2	2	224-2357	General Motors Truck	1993-1981	6	173	2.8	4
224-2158	American Motors	1988-1979	6	258	4.2	4	224-2357	General Motors Corp.	1993-1981	6	173	2.8	15
224-2158	Jeep	1990-1979	6	258	4.2	9	224-2511	Checker Motors	1990-1982, 1980-1967	8	350	5.7	6
224-2185	General Motors Truck	1993-1982	8	379	6.2	36	224-2511	Isuzu Truck	1990-1982, 1980-1967	8	350	5.7	9
224-2187	Ford Truck	1987-1982	6	232	3.8	11	224-2511	Isuzu Truck	1990-1982, 1980-1967	8	350	5.7	10
224-2187	Ford	1987-1982	6	232	3.8	17	224-2511	Jeep	1990-1982, 1980-1967	8	350	5.7	13
224-2190	Ford Truck	1987-1983	8	420	6.9	44	224-2511	General Motors Truck	1990-1982, 1980-1967	8	350	5.7	24
224-2222	Checker Motors	1986-1982	8	305	5.0	3	224-2511	General Motors Truck	1990-1982, 1980-1967	8	350	5.7	25
224-2222	General Motors Truck	1986-1982	8	305	5.0	18	224-2511	General Motors Truck	1990-1982, 1980-1967	8	350	5.7	26
224-2222	General Motors Truck	1986-1982	8	305	5.0	19	224-2511	General Motors Truck	1990-1982, 1980-1967	8	350	5.7	27
224-2222	General Motors Corp.	1986-1982	8	305	5.0	29	224-2511	General Motors Truck	1990-1982, 1980-1967	8	350	5.7	29
224-2234	American Motors	1991-1970	8	360	5.9	5	224-2511	General Motors Truck	1990-1982, 1980-1967	8	350	5.7	30
224-2234	Jeep	1991-1970	8	360	5.9	15							
224-2274	Ford Truck	1988-1983	4	122	2.0	1							
224-2283	Ford	1994-1984	4	140	2.3	6							
224-2283	Ford	1994-1984	4	140	2.3	7							
224-2291	Toyota Truck	1984-1981	4	-	2.4	1							
224-2291	Toyota Truck	1984-1981	4	-	2.4	2							
224-2291	Toyota Truck	1984-1981	4	-	2.4	3							
224-2291	Toyota Truck	1984-1981	4	-	2.4	4							
224-2291	Toyota	1984-1981	4	-	2.4	5							
224-2291	Toyota	1984-1981	4	-	2.4	6							
224-2291	Toyota	1984-1981	4	-	2.4	7							
224-2315	Toyota Truck	1995-1985	4	-	2.4	1							

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PART	MAKE	YEAR	CYL	CID	BLOCK		PART	MAKE	YEAR	CYL	CID	BLOCK	
					LTR	NUM						LTR	NUM
224-2511	General Motors Corp.	1990-1982, 1980-1967	8	350	5.7	35	224-2694	General Motors Truck	1995-1967	8	350	5.7	30
224-2517	Checker Motors	1990-1971	8	350	5.7	6	224-2694	General Motors Corp.	1995-1967	8	350	5.7	35
224-2517	Isuzu Truck	1990-1971	8	350	5.7	9	224-2699	Ford Truck	1990-1986	6	177	2.9	6
224-2517	Isuzu Truck	1990-1971	8	350	5.7	10	224-2699	Ford	1990-1986	6	177	2.9	12
224-2517	Jeep	1990-1971	8	350	5.7	13	224-2707	General Motors Corp.	1990-1981, 1976-1970	8	454	7.4	45
224-2517	General Motors Truck	1990-1971	8	350	5.7	24	224-2707	General Motors Truck	1990-1981, 1976-1970	8	454	7.4	45
224-2517	General Motors Truck	1990-1971	8	350	5.7	25	224-2707	General Motors Truck	1990-1981, 1976-1970	8	454	7.4	46
224-2517	General Motors Truck	1990-1971	8	350	5.7	26	224-2707	General Motors Truck	1990-1981, 1976-1970	8	454	7.4	47
224-2517	General Motors Truck	1990-1971	8	350	5.7	27	224-2707	General Motors Truck	1990-1981, 1976-1970	8	454	7.4	48
224-2517	General Motors Truck	1990-1971	8	350	5.7	29	224-2707	General Motors Truck	1990-1981, 1976-1970	8	454	7.4	49
224-2517	General Motors Truck	1990-1971	8	350	5.7	30	224-2719	General Motors Corp.	1997-1985	3	61	1.0	1
224-2517	General Motors Corp.	1990-1971	8	350	5.7	35	224-2719	Suzuki Truck	1997-1985	4	79	1.3	1
224-2554	Ford	1996-1987	4	116	1.9	2	224-2719	Suzuki	1997-1985	4	79	1.3	1
224-2555	Ford Truck	1995-1988	6	232	3.8	11	224-2719	General Motors Corp.	1997-1986	4	79	1.3	2
224-2555	Ford	1995-1988	6	232	3.8	17	224-2719	Suzuki	1997-1986	4	79	1.3	2
224-2557	Ford	1993-1988	4	-	1.3	1	224-2719	Suzuki Truck	1997-1986	4	81	1.3	2
224-2558	Checker Motors	1995-1987	8	305	5.0	3	224-2719	Suzuki Truck	1997-1986	4	81	1.3	2
224-2558	General Motors Truck	1995-1987	8	305	5.0	18	224-2741	General Motors Truck	1997-1985	8	427	7.0	43
224-2558	General Motors Truck	1995-1987	8	305	5.0	19	224-2741	General Motors Truck	1997-1985	8	427	7.0	44
224-2558	General Motors Corp.	1995-1987	8	305	5.0	29	224-2745	Checker Motors	1996-1993, 1989-1987	8	350	5.7	6
224-2565	Chrysler	1971-1968	8	340	5.6	21	224-2745	Isuzu Truck	1996-1993, 1989-1987	8	350	5.7	9
224-2567	General Motors Truck	1993-1984	4	151	2.5	2	224-2745	Isuzu Truck	1996-1993, 1989-1987	8	350	5.7	10
224-2567	American Motors	1993-1984	4	151	2.5	2	224-2745	Jeep	1996-1993, 1989-1987	8	350	5.7	13
224-2567	Jeep	1993-1984	4	151	2.5	3	224-2745	General Motors Truck	1996-1993, 1989-1987	8	350	5.7	24
224-2567	General Motors Corp.	1993-1984	4	151	2.5	14	224-2745	General Motors Truck	1996-1993, 1989-1987	8	350	5.7	25
224-2581	Ford Truck	1995-1969	6	300	4.9	23	224-2745	General Motors Truck	1996-1993, 1989-1987	8	350	5.7	26
224-2581	Ford Truck	1995-1969	6	300	4.9	24	224-2745	General Motors Truck	1996-1993, 1989-1987	8	350	5.7	27
224-2583	Checker Motors	1989-1976	8	305	5.0	3	224-2745	General Motors Truck	1996-1993, 1989-1987	8	350	5.7	29
224-2583	General Motors Truck	1989-1976	8	305	5.0	18							
224-2583	General Motors Truck	1989-1976	8	305	5.0	19							
224-2583	General Motors Corp.	1989-1976	8	305	5.0	29							
224-2587	Ford Truck	1994-1986	8	302	5.0	25							
224-2587	Ford	1994-1986	8	302	5.0	29							
224-2587	Ford	1994-1986	8	302	5.0	30							
224-2694	Checker Motors	1995-1967	8	350	5.7	6							
224-2694	Isuzu Truck	1995-1967	8	350	5.7	9							
224-2694	Isuzu Truck	1995-1967	8	350	5.7	10							
224-2694	Jeep	1995-1967	8	350	5.7	13							
224-2694	General Motors Truck	1995-1967	8	350	5.7	24							
224-2694	General Motors Truck	1995-1967	8	350	5.7	25							
224-2694	General Motors Truck	1995-1967	8	350	5.7	26							
224-2694	General Motors Truck	1995-1967	8	350	5.7	27							
224-2694	General Motors Truck	1995-1967	8	350	5.7	29							

# NUMERICAL LISTING



PART	MAKE	YEAR	BLOCK				PART	MAKE	YEAR	BLOCK			
			CYL	CID	LTR	NUM				CYL	CID	LTR	NUM
224-2745	General Motors Truck	1996-1993, 1989-1987	8	350	5.7	30			1985-1984, 1982, 1980-1978, 1970-1969	8	350	5.7	27
224-2745	General Motors Corp.	1996-1993, 1989-1987	8	350	5.7	35							
224-2751	Dodge Truck	1954-1949	6	218	3.6	12			1985-1984, 1982, 1980-1978, 1970-1969	8	350	5.7	29
224-2751	Chrysler	1959-1946	6	218	3.6	16							
224-2751	Dodge Truck	1959-1946	6	230	3.8	16							
224-2751	Chrysler	1959-1946	6	230	3.8	18							
224-2755	General Motors Corp.	1993-1989	6	204	3.3	17			1985-1984, 1982, 1980-1978, 1970-1969	8	350	5.7	30
224-2756	Jeep	1971-1945	4	134	2.2	1							
224-2757	General Motors Truck	1994-1988	6	189	3.1	5							
224-2757	General Motors Corp.	1994-1988	6	189	3.1	16							
224-2758	General Motors Truck	1994-1988	6	189	3.1	5			1985-1984, 1982, 1980-1978, 1970-1969	8	350	5.7	35
224-2758	General Motors Corp.	1994-1988	6	189	3.1	16							
224-2759	General Motors Truck	1991-1988	6	231	3.8	8							
224-2759	General Motors Corp.	1991-1988	6	231	3.8	21							
224-2770	Checker Motors	1985-1984, 1982, 1980-1978, 1970-1969	8	350	5.7	6			1985-1984, 1982, 1980-1978, 1970-1969	8	350	5.7	6
224-2770	Isuzu Truck	1985-1984, 1982, 1980-1978, 1970-1969	8	350	5.7	9							
224-2770	Isuzu Truck	1985-1984, 1982, 1980-1978, 1970-1969	8	350	5.7	10							
224-2770	Jeep	1985-1984, 1982, 1980-1978, 1970-1969	8	350	5.7	13							
224-2770	General Motors Truck	1985-1984, 1982, 1980-1978, 1970-1969	8	350	5.7	24							
224-2770	General Motors Truck	1985-1984, 1982, 1980-1978, 1970-1969	8	350	5.7	25							
224-2770	General Motors Truck	1985-1984, 1982, 1980-1978, 1970-1969	8	350	5.7	26							
224-2770	General Motors Truck	1985-1984, 1982, 1980-1978, 1970-1969	8	350	5.7	27							
224-2770	General Motors Truck	1985-1984, 1982, 1980-1978, 1970-1969	8	350	5.7	27							
224-2770	General Motors Truck	1985-1984, 1982, 1980-1978, 1970-1969	8	350	5.7	29							
224-2770	General Motors Corp.	1985-1984, 1982, 1980-1978, 1970-1969	8	350	5.7	35							
224-2774	General Motors Truck	1993-1990	4	134	2.2	1							
224-2774	General Motors Corp.	1993-1990	4	134	2.2	7							
224-2774	General Motors Corp.	1993-1990	4	134	2.2	10							
224-2774	General Motors Corp.	1993-1990	4	134	2.2	11							
224-2775	General Motors Truck	1998-1991	8	454	7.4	45							
224-2775	General Motors Corp.	1998-1991	8	454	7.4	45							
224-2775	General Motors Truck	1998-1991	8	454	7.4	46							
224-2775	General Motors Truck	1998-1991	8	454	7.4	47							
224-2775	General Motors Truck	1998-1991	8	454	7.4	48							
224-2775	General Motors Truck	1998-1991	8	454	7.4	49							
224-2783	Dodge Truck	1995-1989	4	153	2.5	5							
224-2783	Chrysler	1995-1989	4	153	2.5	8							
224-2808	Ford Truck	1997-1993	8	351	5.8	31							
224-2808	Ford Truck	1997-1993	8	351	5.8	32							
224-2808	Ford	1997-1993	8	351	5.8	33							
224-2808	Ford Truck	1997-1993	8	351	5.8	33							
224-2808	Ford Truck	1997-1993	8	351	5.8	34							
224-2808	Ford	1997-1993	8	351	5.8	34							
224-2808	Ford	1997-1993	8	351	5.8	35							
224-2808	Ford	1997-1993	8	351	5.8	36							
224-2810	Checker Motors	1997-1990	8	350	5.7	6							
224-2810	Isuzu Truck	1997-1990	8	350	5.7	9							
224-2810	Isuzu Truck	1997-1990	8	350	5.7	10							
224-2810	Jeep	1997-1990	8	350	5.7	13							
224-2810	General Motors Truck	1997-1990	8	350	5.7	24							
224-2810	General Motors Truck	1997-1990	8	350	5.7	25							
224-2810	General Motors Truck	1997-1990	8	350	5.7	26							
224-2810	General Motors Truck	1997-1990	8	350	5.7	27							

# NUMERICAL LISTING



PART	MAKE	YEAR	CYL	CID	BLOCK		PART	MAKE	YEAR	CYL	CID	BLOCK	
					LTR	NUM						LTR	NUM
224-2810	General Motors Truck	1997-1990	8	350	5.7	29	224-2891	Ford	1997-1993	8	460	7.5	43
224-2810	General Motors Truck	1997-1990	8	350	5.7	30	224-2891	Ford	1997-1993	8	460	7.5	44
224-2810	General Motors Corp.	1997-1990	8	350	5.7	35	224-2891	Ford Truck	1997-1993	8	460	7.5	50
224-2811	General Motors Corp.	1994-1992	4	122	2.0	5	224-2893	Mitsubishi	1994-1989	4	107	1.8	1
224-2811	General Motors Corp.	1994-1992	4	122	2.0	6	224-2893	Chrysler	1994-1989	4	107	1.8	1
224-2812	Mazda Truck	1993-1991	6	-	4.0	3	224-2893	Eagle Chrysler	1994-1989	4	107	1.8	1
224-2812	Ford Truck	1994-1990	6	245	4.0	13	224-2895	General Motors Corp.	1997-1989	3	61	1.0	1
224-2812	Ford Truck	1994-1990	6	245	4.0	14	224-2896	General Motors Truck	1995-1993	6	207	3.4	6
224-2813	Ford Truck	2000-1987	8	302	5.0	25	224-2896	General Motors Corp.	1995-1993	6	207	3.4	18
224-2813	Ford	2000-1987	8	302	5.0	29	224-2896	General Motors Corp.	1995-1993	6	207	3.4	19
224-2813	Ford	2000-1987	8	302	5.0	30	224-2897	Hummer	2002-1992	8	395	6.5	3
224-2814	Dodge Truck	1999-1991	6	230	3.8	17	224-2897	General Motors Truck	2002-1992	8	395	6.5	37
224-2814	Chrysler	1999-1991	6	230	3.8	19	224-2897	General Motors Truck	2002-1992	8	395	6.5	38
224-2815	Eagle Chrysler	1997-1990	6	201	3.3	5	224-2901	Ford Truck	1964-1954	6	223	3.7	10
224-2815	Dodge Truck	1997-1990	6	201	3.3	10	224-2901	Ford	1964-1954	6	223	3.7	16
224-2815	Dodge Truck	1997-1990	6	201	3.3	11	224-2901	Ford	1954	8	256	4.2	20
224-2815	Chrysler	1997-1990	6	201	3.3	14	224-2904	Ford Truck	1964-1955	8	292	4.8	22
224-2816	Toyota Truck	1995-1988	6	-	3.0	7	224-2904	Ford	1964-1955	8	292	4.8	28
224-2840	General Motors Truck	1962-1954	6	235	3.9	9	224-2905	Mitsubishi Truck	1992-1990	4	-	2.4	1
224-2840	General Motors Corp.	1962-1954	6	235	3.9	22	224-2905	Dodge Truck	1992-1990	4	-	2.4	2
224-2877	General Motors Corp.	1969-1965	8	396	6.5	38	224-2905	Mitsubishi Truck	1992-1990	4	-	2.4	2
224-2877	General Motors Truck	1969-1965	8	396	6.5	39	224-2905	Mitsubishi	1992-1990	4	-	2.4	3
224-2882	Ford Truck	1998-1991	8	281	4.6	17	224-2905	Eagle Chrysler	1992-1990	4	-	2.4	3
224-2882	Ford Truck	1998-1991	8	281	4.6	18	224-2905	Mitsubishi	1992-1990	4	-	2.4	4
224-2882	Ford Truck	1998-1991	8	281	4.6	19	224-2905	Mitsubishi	1992-1990	4	-	2.4	5
224-2882	Ford Truck	1998-1991	8	281	4.6	20	224-2905	Chrysler	1992-1990	4	-	2.4	6
224-2882	Ford	1998-1991	8	281	4.6	22	224-2907	Jeep	1999-1993	8	360	5.9	14
224-2882	Ford	1998-1991	8	281	4.6	23	224-2907	Chrysler	1999-1993	8	360	5.9	22
224-2882	Ford	1998-1991	8	281	4.6	24	224-2907	Dodge Truck	1999-1993	8	360	5.9	26
224-2882	Ford	1998-1991	8	281	4.6	25	224-2907	Dodge Truck	1999-1993	8	360	5.9	27
224-2882	Ford	1998-1991	8	281	4.6	26	224-2907	Dodge Truck	1999-1993	8	360	5.9	28
224-2883	Mitsubishi	1999-1995	4	122	2.0	2	224-2908	Ford Truck	1994-1988	8	445	7.3	48
224-2883	Eagle Chrysler	1999-1995	4	122	2.0	2	224-2908	Ford Truck	1994-1988	8	445	7.3	49
224-2883	Chrysler	1999-1995	4	122	2.0	2	224-2909	Mitsubishi Truck	1998-1993	4	-	2.4	1
224-2883	Chrysler	1999-1995	4	122	2.0	3	224-2909	Dodge Truck	1998-1993	4	-	2.4	2
224-2885	Eagle Chrysler	1999, 1997-1993	6	215	3.5	6	224-2909	Mitsubishi Truck	1998-1993	4	-	2.4	2
224-2885	Chrysler	1999, 1997-1993	6	215	3.5	15	224-2909	Mitsubishi	1998-1993	4	-	2.4	3
224-2887	General Motors Corp.	1994-1988	4	138	2.3	12	224-2909	Eagle Chrysler	1998-1993	4	-	2.4	3
224-2888	General Motors Truck	1995-1993	6	231	3.8	8	224-2909	Mitsubishi	1998-1993	4	-	2.4	4
224-2888	General Motors Corp.	1995-1993	6	231	3.8	21	224-2909	Mitsubishi	1998-1993	4	-	2.4	5
224-2890	Saturn	1998-1995	4	116	1.9	1	224-2909	Chrysler	1998-1993	4	-	2.4	6
224-2890	Saturn	1998-1995	4	116	1.9	2	224-2913	Ford	1960-1956	8	312	5.1	31
							224-2916	General Motors Truck	1997-1994	4	134	2.2	1
							224-2916	General Motors Corp.	1997-1994	4	134	2.2	7

# NUMERICAL LISTING



PART	MAKE	YEAR	BLOCK				PART	MAKE	YEAR	BLOCK			
			CYL	CID	LTR	NUM				CYL	CID	LTR	NUM
224-2916	General Motors Corp.	1997-1994	4	134	2.2	10	224-3061	Ford	1970-1967	8	428	7.0	41
224-2916	General Motors Corp.	1997-1994	4	134	2.2	11	224-3061	Ford Truck	1970-1967	8	428	7.0	45
224-2920	General Motors Corp.	1980-1970	8	400	6.6	39	224-3062	Ford Truck	1970	8	351	5.8	31
224-2920	General Motors Truck	1980-1970	8	400	6.6	41	224-3062	Ford Truck	1970	8	351	5.8	32
224-2923	Nissan Truck	1997-1990	4	-	2.4	1	224-3062	Ford	1970	8	351	5.8	33
224-2923	Nissan	1997-1990	4	-	2.4	2	224-3062	Ford Truck	1970	8	351	5.8	33
224-2938	Toyota	1994-1987	4	-	1.5	1	224-3062	Ford Truck	1970	8	351	5.8	34
224-2938	Toyota	1994-1987	4	-	1.5	2	224-3062	Ford	1970	8	351	5.8	34
224-2940	General Motors Corp.	1969-1966	8	427	7.0	43	224-3062	Ford	1970	8	351	5.8	35
224-2946	Mitsubishi Truck	1992-1988	6	181	3.0	3	224-3062	Ford	1970	8	351	5.8	36
224-2946	Mitsubishi	1992-1988	6	181	3.0	6	224-3065	Mazda Truck	1994	4	-	2.3	1
224-2946	Mitsubishi	1992-1988	6	181	3.0	7	224-3065	Ford Truck	1994-1985	4	140	2.3	3
224-2946	Dodge Truck	1992-1988	6	181	3.0	8	224-3065	Ford	1994-1985	4	140	2.3	8
224-2946	Chrysler	1992-1988	6	181	3.0	11	224-3065	Ford	1994-1985	4	140	2.3	9
224-2948	Checker Motors	1996, 1989-1967	8	350	5.7	6	224-3075.030	General Motors Corp.	1974-1968	8	472	7.7	49
224-2948	Isuzu Truck	1996, 1989-1967	8	350	5.7	9	224-3101	General Motors Truck	1993-1991	8	366	6.0	33
224-2948	Isuzu Truck	1996, 1989-1967	8	350	5.7	10	224-3101	General Motors Truck	1993-1991	8	366	6.0	34
224-2948	Jeep	1996, 1989-1967	8	350	5.7	13	224-3101	General Motors Truck	1993-1991	8	366	6.0	35
224-2948	General Motors Truck	1996, 1989-1967	8	350	5.7	24	224-3163	Ford Truck	1998-1996	8	445	7.3	48
224-2948	General Motors Truck	1996, 1989-1967	8	350	5.7	25	224-3163	Ford Truck	1998-1996	8	445	7.3	49
224-2948	General Motors Truck	1996, 1989-1967	8	350	5.7	26	224-3173	General Motors Corp.	1972-1970	8	402	6.6	41
224-2948	General Motors Truck	1996, 1989-1967	8	350	5.7	27	224-3173	General Motors Truck	1972-1970	8	402	6.6	42
224-2948	General Motors Truck	1996, 1989-1967	8	350	5.7	29	224-3175	Isuzu Truck	1999-1997	6	-	4.3	6
224-2948	General Motors Truck	1996, 1989-1967	8	350	5.7	30	224-3175	Isuzu Truck	2000, 1996-1995	6	262	4.3	7
224-2948	General Motors Corp.	1996, 1989-1967	8	350	5.7	35	224-3175	General Motors Truck	2000, 1996-1995	6	262	4.3	12
224-2975	Ford	1997-1995	4	121	2.0	3	224-3175	General Motors Truck	2000, 1996-1995	6	262	4.3	13
224-2985	Nissan Truck	1998-1991	4	-	2.4	1	224-3175	General Motors Corp.	2000, 1996-1995	6	262	4.3	25
224-2985	Nissan	1998-1991	4	-	2.4	2	224-3180	Ford	1993-1988	8	460	7.5	43
224-2986	Toyota	1999-1992	4	-	2.2	3	224-3180	Ford	1993-1988	8	460	7.5	44
224-2986	Toyota	1999-1992	4	-	2.2	4	224-3180	Ford Truck	1993-1988	8	460	7.5	50
224-2991	General Motors Corp.	2000-1997	8	346	5.7	33	224-3181	General Motors Corp.	1998-1996	4	146	2.4	13
224-2992	Ford Truck	1968-1964	8	289	4.7	21	224-3401	Toyota Truck	1988-1985	4	-	2.4	1
224-2992	Ford	1968-1964	8	289	4.7	27	224-3401	Toyota Truck	1988-1985	4	-	2.4	2
							224-3401	Toyota Truck	1988-1985	4	-	2.4	3
							224-3401	Toyota Truck	1988-1985	4	-	2.4	4
							224-3401	Toyota	1988-1985	4	-	2.4	5
							224-3401	Toyota	1988-1985	4	-	2.4	6
							224-3401	Toyota	1988-1985	4	-	2.4	7
							224-3402	Isuzu Truck	2002-1997	6	-	4.3	6
							224-3402	Checker Motors	2002-1997	8	350	5.7	6

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PART	MAKE	YEAR	BLOCK				PART	MAKE	YEAR	BLOCK			
			CYL	CID	LTR	NUM				CYL	CID	LTR	NUM
224-3402	Isuzu Truck	2002-1997	8	350	5.7	9	224-3414	Ford Truck	1999-1997	8	330	5.4	27
224-3402	Isuzu Truck	2002-1997	8	350	5.7	10	224-3414	Ford Truck	1999-1997	8	330	5.4	28
224-3402	Jeep	2002-1997	8	350	5.7	13	224-3414	Ford Truck	1999-1997	8	330	5.4	29
224-3402	General Motors Truck	2002-1997	8	350	5.7	24	224-3414	Ford Truck	1999-1997	8	330	5.4	30
224-3402	General Motors Truck	2002-1997	8	350	5.7	25	224-3415	Jeep	2001-1996	6	242	4.0	8
224-3402	General Motors Truck	2002-1997	8	350	5.7	26	224-3416	Ford Truck	1998-1993	8	281	4.6	17
224-3402	General Motors Truck	2002-1997	8	350	5.7	27	224-3416	Ford Truck	1998-1993	8	281	4.6	18
224-3402	General Motors Truck	2002-1997	8	350	5.7	29	224-3416	Ford Truck	1998-1993	8	281	4.6	19
224-3402	General Motors Truck	2002-1997	8	350	5.7	30	224-3416	Ford Truck	1998-1993	8	281	4.6	20
224-3402	General Motors Corp.	2002-1997	8	350	5.7	35	224-3416	Ford	1998-1993	8	281	4.6	22
224-3403	Hummer	1997-1994	8	395	6.5	3	224-3416	Ford	1998-1993	8	281	4.6	23
224-3403	General Motors Truck	1997-1994	8	395	6.5	37	224-3416	Ford	1998-1993	8	281	4.6	24
224-3403	General Motors Truck	1997-1994	8	395	6.5	38	224-3416	Ford	1998-1993	8	281	4.6	25
224-3404	Ford Truck	2002-1997	6	256	4.2	16	224-3416	Ford	1998-1993	8	281	4.6	26
224-3405	Chrysler	2003-1995	4	122	2.0	2	224-3417	Ford Truck	2000-1996	8	281	4.6	17
224-3405	Mitsubishi	2003-1995	4	122	2.0	2	224-3417	Ford Truck	2000-1996	8	281	4.6	18
224-3405	Eagle Chrysler	2003-1995	4	122	2.0	2	224-3417	Ford Truck	2000-1996	8	281	4.6	19
224-3405	Chrysler	2003-1995	4	122	2.0	3	224-3417	Ford Truck	2000-1996	8	281	4.6	20
224-3406	Chrysler	2003-1998	6	167	2.7	9	224-3417	Ford	2000-1996	8	281	4.6	22
224-3407	General Motors Truck	2003-1995	6	231	3.8	8	224-3417	Ford	2000-1996	8	281	4.6	23
224-3407	General Motors Corp.	2003-1995	6	231	3.8	21	224-3417	Ford	2000-1996	8	281	4.6	24
224-3408	Jeep	2003-1985	8	318	5.2	11	224-3417	Ford	2000-1996	8	281	4.6	25
224-3408	Chrysler	2003-1985	8	318	5.2	20	224-3417	Ford	2000-1996	8	281	4.6	26
224-3408	Dodge Truck	2003-1985	8	318	5.2	21	224-3418	Ford Truck	2008-1997	8	330	5.4	26
224-3408	Dodge Truck	2003-1985	8	318	5.2	22	224-3418	Ford Truck	2008-1997	8	330	5.4	27
224-3408	Dodge Truck	2003-1985	8	318	5.2	23	224-3418	Ford Truck	2008-1997	8	330	5.4	28
224-3408	Dodge Truck	2003-1985	8	318	5.2	24	224-3418	Ford Truck	2008-1997	8	330	5.4	29
224-3409	Ford Truck	1998-1994	8	445	7.3	48	224-3418	Ford Truck	2008-1997	8	330	5.4	30
224-3409	Ford Truck	1998-1994	8	445	7.3	49	224-3419	Ford Truck	2000-1996	6	232	3.8	11
224-3411	General Motors Truck	1999-1996	6	189	3.1	5	224-3419	Ford	2000-1996	6	232	3.8	17
224-3411	General Motors Corp.	1999-1996	6	189	3.1	16	224-3420	Checker Motors	2002-1996	8	305	5.0	3
224-3412	General Motors Truck	1999-1996	6	207	3.4	6	224-3420	General Motors Truck	2002-1996	8	305	5.0	18
224-3412	General Motors Corp.	1999-1996	6	207	3.4	18	224-3420	General Motors Truck	2002-1996	8	305	5.0	19
224-3412	General Motors Corp.	1999-1996	6	207	3.4	19	224-3420	General Motors Corp.	2002-1996	8	305	5.0	29
224-3413	Ford Truck	2003-1999	8	281	4.6	17	224-3421	General Motors Truck	2005-1996	6	231	3.8	8
224-3413	Ford Truck	2003-1999	8	281	4.6	18	224-3421	General Motors Corp.	2005-1996	6	231	3.8	21
224-3413	Ford Truck	2003-1999	8	281	4.6	19	224-3422	Ford Truck	1997-1995	6	245	4.0	13
224-3413	Ford Truck	2003-1999	8	281	4.6	20	224-3422	Ford Truck	1997-1995	6	245	4.0	14
224-3413	Ford	2003-1999	8	281	4.6	22	224-3423	Ford Truck	2001-1997	6	245	4.0	13
224-3413	Ford	2003-1999	8	281	4.6	23	224-3423	Ford Truck	2001-1997	6	245	4.0	14
224-3413	Ford	2003-1999	8	281	4.6	24	224-3424	General Motors Truck	2004-1999	8	294	4.8	17
224-3413	Ford	2003-1999	8	281	4.6	25	224-3425	Isuzu Truck	2004-1999	8	323	5.3	8
224-3413	Ford	2003-1999	8	281	4.6	26	224-3425	General Motors Truck	2004-1999	8	323	5.3	21
224-3414	Ford Truck	1999-1997	8	330	5.4	26	224-3425	General Motors Truck	2004-2002	8	325	5.3	22

# NUMERICAL LISTING



PART	MAKE	YEAR	BLOCK				PART	MAKE	YEAR	BLOCK			
			CYL	CID	LTR	NUM				CYL	CID	LTR	NUM
224-3426	Hummer	2005-1999	8	364	6.0	2	224-3440	Eagle Chrysler	2002-2000	6	201	3.3	5
224-3426	General Motors Truck	2005-1999	8	364	6.0	31	224-3440	Dodge Truck	2002-2000	6	201	3.3	10
224-3426	General Motors Truck	2005-1999	8	364	6.0	32	224-3440	Dodge Truck	2002-2000	6	201	3.3	11
224-3427	General Motors Truck	2004-2001	8	496	8.1	50	224-3440	Chrysler	2002-2000	6	201	3.3	14
224-3427	General Motors Truck	2004-2001	8	496	8.1	51	224-3441	Saturn	2002-1994	4	116	1.9	1
224-3428	Mazda Truck	2005-1996	6	182	3.0	2	224-3441	Saturn	2002-1994	4	116	1.9	2
224-3428	Ford Truck	2005-1996	6	182	3.0	7	224-3442	Ford Truck	1993-1991	6	473	7.8	51
224-3428	Ford Truck	2005-1996	6	182	3.0	8	224-3443	Jeep	2004-1999	8	287	4.7	10
224-3428	Ford	2005-1996	6	182	3.0	13	224-3443	Dodge Truck	2004-1999	8	287	4.7	20
224-3428	Ford	2005-1996	6	182	3.0	14	224-3444	Dodge Truck	2003-2001	6	230	3.8	17
224-3429	Ford Truck	2004-1997	4	122	2.0	2	224-3444	Chrysler	2003-2001	6	230	3.8	19
224-3429	Ford	2004-1997	4	122	2.0	4	224-3445	Isuzu Truck	1999-1998	4	-	2.3	1
224-3429	Ford	2004-1997	4	122	2.0	5	224-3445	Honda Truck	1999-1998	4	-	2.3	1
224-3430	Ford Truck	2004-2001	4	122	2.0	2	224-3445	Acura	2002-1998	4	-	2.3	3
224-3430	Ford	2004-1997	4	121	2.0	3	224-3445	Honda	2002-1998	4	-	2.3	6
224-3430	Ford	2004-2001	4	122	2.0	4	224-3445	Honda	2002-1998	4	-	2.3	7
224-3430	Ford	2004-2001	4	122	2.0	5	224-3446	Acura	2002-1998	4	-	2.3	3
224-3431	Ford	1999-1995	6	155	2.5	10	224-3446	Honda	2002-1998	4	-	2.3	6
224-3432	Acura	2001-1994	4	-	1.8	1	224-3446	Honda	2002-1998	4	-	2.3	7
224-3432	Acura	2001-1994	4	-	1.8	2	224-3447	General Motors Truck	2005-2000	6	189	3.1	5
224-3433	Acura	2001-2000, 1998-1997	4	-	1.8	1	224-3447	General Motors Corp.	2005-2000	6	189	3.1	16
224-3433	Acura	2001-2000, 1998-1997	4	-	1.8	2	224-3448	Saab Truck	2005-2002	6	256	4.2	1
224-3434	Honda	1995-1988	4	-	1.5	1	224-3448	Isuzu Truck	2005-2002	6	256	4.2	5
224-3434	Honda	1995-1988	4	-	1.5	2	224-3448	General Motors Truck	2005-2002	6	256	4.2	11
224-3434	Honda	1995-1988	4	-	1.5	3	224-3449	Dodge Truck	2004-2003	8	345	5.7	25
224-3434	Honda	1995-1988	4	-	1.5	4	224-3450	Dodge Truck	2003	5	165	2.7	6
224-3435	Honda	1995-1992	4	-	1.5	5	224-3451	General Motors Truck	2004-2001	8	400	6.6	40
224-3437	Dodge Truck	2003-1992, 1987	6	239	3.9	18	224-3452	General Motors Truck	2004-2001	8	400	6.6	40
224-3437	Dodge Truck	2003-1992, 1987	6	239	3.9	19	224-3453	Saturn	2004-2002	4	134	2.2	3
224-3438	Ford Truck	2004-2001	8	281	4.6	17	224-3453	General Motors Corp.	2004-2002	4	134	2.2	8
224-3438	Ford Truck	2004-2001	8	281	4.6	18	224-3453	General Motors Corp.	2004-2002	4	134	2.2	9
224-3438	Ford Truck	2004-2001	8	281	4.6	19	224-3454	Navistar/International	2003	8	363	6.0	7
224-3438	Ford Truck	2004-2001	8	281	4.6	20	224-3454	Ford Truck	2003	8	363	6.0	37
224-3438	Ford	2004-2001	8	281	4.6	22	224-3455	Navistar/International	2003	8	363	6.0	7
224-3438	Ford	2004-2001	8	281	4.6	23	224-3455	Ford Truck	2003	8	363	6.0	37
224-3438	Ford	2004-2001	8	281	4.6	24	224-3456	Infiniti Truck	2000-1996	6	-	3.3	1
224-3438	Ford	2004-2001	8	281	4.6	25	224-3456	Nissan Truck	2000-1996	6	-	3.3	2
224-3438	Ford	2004-2001	8	281	4.6	26	224-3457	Toyota Truck	2004-2000	4	-	2.7	6
224-3439	Eagle Chrysler	2004-1999	6	215	3.5	6	224-3458	Toyota Truck	2004-2000	4	-	2.4	5
224-3439	Chrysler	2004-1999	6	215	3.5	15	224-3459	General Motors Truck	2002-1998	4	134	2.2	1
							224-3459	General Motors Corp.	2002-1998	4	134	2.2	7
							224-3459	General Motors Corp.	2002-1998	4	134	2.2	10
							224-3459	General Motors Corp.	2002-1998	4	134	2.2	11
							224-3460	General Motors Corp.	1995-1993	8	281	4.6	26

# NUMERICAL LISTING



PART	MAKE	YEAR	BLOCK				PART	MAKE	YEAR	BLOCK			
			CYL	CID	LTR	NUM				CYL	CID	LTR	NUM
224-3461	Lexus	2003-1993	6	-	3.0	1	224-3479	Ford	2006-2005, 2000	8	330	5.4	32
224-3461	Lexus Truck	2003-1993	6	-	3.0	1	224-3480	General Motors Truck	1989-1988	6	173	2.8	4
224-3461	Toyota	2003-1993	6	-	3.0	8	224-3480	Jeep	1989-1988	6	173	2.8	4
224-3461	Toyota Truck	2003-1993	6	-	3.0	8	224-3480	General Motors Corp.	1989-1988	6	173	2.8	15
224-3462	Toyota	2001-2000	4	-	2.2	3	2243482HA	Hummer	2004-1992	8	395	6.5	3
224-3462	Toyota	2001-2000	4	-	2.2	4	2243482HA	General Motors Truck	2004-1992	8	395	6.5	37
224-3463	Nissan	1999-1995	4	-	1.6	1	2243482HA	General Motors Truck	2004-1992	8	395	6.5	38
224-3464	General Motors Corp.	1999-1996	8	454	7.4	45	224-3483	General Motors Corp.	1989-1983	4	122	2.0	5
224-3464	General Motors Truck	1999-1996	8	454	7.4	45	224-3483	General Motors Corp.	1989-1983	4	122	2.0	6
224-3464	General Motors Truck	1999-1996	8	454	7.4	46	224-3484	Jeep	1989-1988	6	173	2.8	4
224-3464	General Motors Truck	1999-1996	8	454	7.4	47	224-3484	General Motors Truck	1989-1988	6	173	2.8	4
224-3464	General Motors Truck	1999-1996	8	454	7.4	48	224-3484	General Motors Corp.	1989-1988	6	173	2.8	15
224-3464	General Motors Truck	1999-1996	8	454	7.4	49	224-3485	Ford Truck	2004-1999	10	415	6.8	43
224-3465	Ford Truck	2001-2000	4	153	2.5	4	224-3486	General Motors Truck	1995-1991	6	207	3.4	6
224-3466	Ford	2002-2000	6	155	2.5	10	224-3486	General Motors Corp.	1995-1991	6	207	3.4	18
224-3468	Ford Truck	2001-1996	8	302	5.0	25	224-3486	General Motors Corp.	1995-1991	6	207	3.4	19
224-3468	Ford	2001-1996	8	302	5.0	29	224-3487	General Motors Truck	1991-1990	4	134	2.2	1
224-3468	Ford	2001-1996	8	302	5.0	30	224-3487	General Motors Corp.	1991-1990	4	134	2.2	7
224-3469	General Motors Corp.	1999-1996	8	244	4.0	23	224-3487	General Motors Corp.	1991-1990	4	134	2.2	10
224-3470	Isuzu Truck	1996-1985	6	262	4.3	7	224-3487	General Motors Corp.	1991-1990	4	134	2.2	11
224-3470	General Motors Truck	1996-1985	6	262	4.3	12	224-3488	General Motors Truck	1994-1988	6	189	3.1	5
224-3470	General Motors Truck	1996-1985	6	262	4.3	13	224-3488	General Motors Corp.	1994-1988	6	189	3.1	16
224-3470	General Motors Corp.	1996-1985	6	262	4.3	25	224-3489	General Motors Truck	1994-1988	6	189	3.1	5
224-3472	Ford Truck	1992-1986	6	177	2.9	6	224-3489	General Motors Corp.	1994-1988	6	189	3.1	16
224-3472	Ford	1992-1986	6	177	2.9	12	224-3490	General Motors Truck	1994-1988	6	189	3.1	5
224-3473	Ford Truck	1992-1986	6	177	2.9	6	224-3490	General Motors Corp.	1994-1988	6	189	3.1	16
224-3473	Ford	1992-1986	6	177	2.9	12	224-3491	General Motors Truck	1994-1988	6	189	3.1	5
224-3474	Ford Truck	1994-1990	6	245	4.0	13	224-3491	General Motors Corp.	1994-1988	6	189	3.1	16
224-3474	Ford Truck	1994-1990	6	245	4.0	14	224-3492	General Motors Truck	1993-1992	4	134	2.2	1
224-3476	Jeep	2002-1993	8	360	5.9	14	224-3492	General Motors Corp.	1993-1992	4	134	2.2	7
224-3476	Chrysler	2002-1993	8	360	5.9	22	224-3492	General Motors Corp.	1993-1992	4	134	2.2	10
224-3476	Dodge Truck	2002-1993	8	360	5.9	26	224-3492	General Motors Corp.	1993-1992	4	134	2.2	11
224-3476	Dodge Truck	2002-1993	8	360	5.9	27	224-3493	General Motors Truck	1995-1991	4	134	2.2	1
224-3476	Dodge Truck	2002-1993	8	360	5.9	28	224-3493	General Motors Corp.	1995-1991	4	134	2.2	7
224-3478	Ford Truck	2001-1997	6	245	4.0	13	224-3493	General Motors Corp.	1995-1991	4	134	2.2	10
224-3478	Ford Truck	2001-1997	6	245	4.0	14	224-3493	General Motors Corp.	1995-1991	4	134	2.2	11
224-3479	Ford Truck	2004-1999	8	330	5.4	26	224-3494	General Motors Truck	1997-1992	4	134	2.2	1
224-3479	Ford Truck	2004-1999	8	330	5.4	27	224-3494	General Motors Corp.	1997-1992	4	134	2.2	7
224-3479	Ford Truck	2004-1999	8	330	5.4	28	224-3494	General Motors Corp.	1997-1992	4	134	2.2	10
224-3479	Ford Truck	2004-1999	8	330	5.4	29	224-3494	General Motors Corp.	1997-1992	4	134	2.2	11
224-3479	Ford Truck	2004-1999	8	330	5.4	30	224-3496	General Motors Truck	1993-1982	8	379	6.2	36
							224-3497	Checker Motors	1996-1990	8	350	5.7	6
							224-3497	Isuzu Truck	1996-1990	8	350	5.7	9

# NUMERICAL LISTING



PART	MAKE	YEAR	BLOCK				PART	MAKE	YEAR	BLOCK			
			CYL	CID	LTR	NUM				CYL	CID	LTR	NUM
224-3497	Isuzu Truck	1996-1990	8	350	5.7	10	224-3530	Chrysler	1989-1987	4	135	2.2	5
224-3497	Jeep	1996-1990	8	350	5.7	13	224-3531	Dodge Truck	2000-1996	4	148	2.4	3
224-3497	General Motors Truck	1996-1990	8	350	5.7	24	224-3531	Chrysler	2000-1995	4	148	2.4	7
224-3497	General Motors Truck	1996-1990	8	350	5.7	25	224-3532	Eagle Chrysler	1995-1993	6	215	3.5	6
224-3497	General Motors Truck	1996-1990	8	350	5.7	26	224-3532	Chrysler	1995-1993	6	215	3.5	15
224-3497	General Motors Truck	1996-1990	8	350	5.7	27	224-3533	Eagle Chrysler	1997-1996	6	215	3.5	6
224-3497	General Motors Truck	1996-1990	8	350	5.7	29	224-3533	Chrysler	1997-1996	6	215	3.5	15
224-3497	General Motors Truck	1996-1990	8	350	5.7	30	224-3534	Chrysler	2001-1998	6	197	3.2	12
224-3497	General Motors Corp.	1996-1990	8	350	5.7	35	224-3535	General Motors Truck	2002-1999	8	294	4.8	17
224-3498	Checker Motors	1997-1992	8	350	5.7	6	224-3536	Isuzu Truck	2003-1999	8	323	5.3	8
224-3498	Isuzu Truck	1997-1992	8	350	5.7	9	224-3536	General Motors Truck	2003-1999	8	323	5.3	21
224-3498	Isuzu Truck	1997-1992	8	350	5.7	10	224-3536	General Motors Truck	2003-2002	8	325	5.3	22
224-3498	Jeep	1997-1992	8	350	5.7	13	224-3537	General Motors Truck	2003-1999	6	189	3.1	5
224-3498	General Motors Truck	1997-1992	8	350	5.7	24	224-3537	General Motors Corp.	2003-1999	6	189	3.1	16
224-3498	General Motors Truck	1997-1992	8	350	5.7	25	224-3538	General Motors Truck	2005-1999	6	207	3.4	6
224-3498	General Motors Truck	1997-1992	8	350	5.7	26	224-3538	General Motors Corp.	2005-1999	6	207	3.4	18
224-3498	General Motors Truck	1997-1992	8	350	5.7	27	224-3538	General Motors Corp.	2005-1999	6	207	3.4	19
224-3498	General Motors Truck	1997-1992	8	350	5.7	29	224-3539WR	General Motors Corp.	2004-1997	8	346	5.7	33
224-3498	General Motors Truck	1997-1992	8	350	5.7	30	224-3540	General Motors Corp.	2004-1997	8	346	5.7	33
224-3498	General Motors Corp.	1997-1992	8	350	5.7	35	224-3541	General Motors Truck	1999-1994	6	189	3.1	5
224-3499	Isuzu Truck	1998-1992	6	262	4.3	7	224-3541	General Motors Corp.	1999-1994	6	189	3.1	16
224-3499	General Motors Truck	1998-1992	6	262	4.3	12	224-3542	General Motors Truck	1999-1994	6	189	3.1	5
224-3499	General Motors Truck	1998-1992	6	262	4.3	13	224-3542	General Motors Corp.	1999-1994	6	189	3.1	16
224-3499	General Motors Corp.	1998-1992	6	262	4.3	25	224-3543	Checker Motors	1995-1971	8	350	5.7	6
224-3500	Isuzu Truck	2002-1996	6	262	4.3	7	224-3543	Isuzu Truck	1995-1971	8	350	5.7	9
224-3500	General Motors Truck	2002-1996	6	262	4.3	12	224-3543	Isuzu Truck	1995-1971	8	350	5.7	10
224-3500	General Motors Truck	2002-1996	6	262	4.3	13	224-3543	Jeep	1971	8	350	5.7	12
224-3500	General Motors Corp.	2002-1996	6	262	4.3	25	224-3543	Jeep	1995-1971	8	350	5.7	13
224-3503	Ford Truck	2006-2004	8	363	6.0	38	224-3543	General Motors Truck	1995-1971	8	350	5.7	24
224-3504	Ford Truck	2006-2004	8	363	6.0	38	224-3543	General Motors Truck	1995-1971	8	350	5.7	25
224-3505	Navistar/International	1987-1984	8	420	6.9	8	224-3543	General Motors Truck	1995-1971	8	350	5.7	26
224-3505	Ford Truck	1987-1983	8	420	6.9	44	224-3543	General Motors Truck	1995-1971	8	350	5.7	27
224-3508	Ford Truck	1994-1988	8	445	7.3	48	224-3543	General Motors Truck	1995-1971	8	350	5.7	29
224-3508	Ford Truck	1994-1988	8	445	7.3	49	224-3543	General Motors Truck	1995-1971	8	350	5.7	30
224-3509HA	Ford Truck	1994-1988	8	445	7.3	48	224-3543	General Motors Corp.	1971	8	350	5.7	34
224-3509HA	Ford Truck	1994-1988	8	445	7.3	49	224-3543	General Motors Corp.	1995-1971	8	350	5.7	35
224-3510	Ford Truck	1994-1988	8	445	7.3	48	224-3544	Checker Motors	1995-1971	8	350	5.7	6
224-3510	Ford Truck	1994-1988	8	445	7.3	49	224-3544	Isuzu Truck	1995-1971	8	350	5.7	9
224-3511HA	Ford Truck	1994	8	445	7.3	48	224-3544	Isuzu Truck	1995-1971	8	350	5.7	10
224-3511HA	Ford Truck	1994	8	445	7.3	49	224-3544	Jeep	1971	8	350	5.7	12
224-3512HA	Ford Truck	1994	8	445	7.3	48	224-3544	Jeep	1995-1971	8	350	5.7	13
224-3512HA	Ford Truck	1994	8	445	7.3	49	224-3544	General Motors Truck	1995-1971	8	350	5.7	24
224-3530	Dodge Truck	1989-1987	4	135	2.2	1	224-3544	General Motors Truck	1995-1971	8	350	5.7	25
224-3530	Chrysler	1989-1987	4	135	2.2	4	224-3544	General Motors Truck	1995-1971	8	350	5.7	26

# NUMERICAL LISTING



PART	MAKE	YEAR	BLOCK				PART	MAKE	YEAR	BLOCK			
			CYL	CID	LTR	NUM				CYL	CID	LTR	NUM
224-3544	General Motors Truck	1995-1971	8	350	5.7	27	224-3554	General Motors Truck	1988-1977	6	231	3.8	8
224-3544	General Motors Truck	1995-1971	8	350	5.7	29	224-3554	General Motors Corp.	1988-1977	6	231	3.8	21
224-3544	General Motors Truck	1995-1971	8	350	5.7	30	224-3555	American Motors	1995-1983	4	150	2.5	1
224-3544	General Motors Corp.	1971	8	350	5.7	34	224-3555	Jeep	1995-1983	4	150	2.5	2
224-3544	General Motors Corp.	1995-1971	8	350	5.7	35	224-3555	Eagle Chrysler	1995-1983	4	150	2.5	4
224-3545	General Motors Corp.	2002-1999	6	214	3.5	20	224-3556	Isuzu Truck	1993-1985	6	262	4.3	7
224-3547	Checker Motors	1990-1969	8	350	5.7	6	224-3556	General Motors Truck	1993-1985	6	262	4.3	12
224-3547	Isuzu Truck	1990-1969	8	350	5.7	9	224-3556	General Motors Truck	1993-1985	6	262	4.3	13
224-3547	Isuzu Truck	1990-1969	8	350	5.7	10	224-3556	General Motors Corp.	1993-1985	6	262	4.3	25
224-3547	Jeep	1971-1969	8	350	5.7	12	224-3557	Isuzu Truck	1993-1985	6	262	4.3	7
224-3547	Jeep	1990-1969	8	350	5.7	13	224-3557	General Motors Truck	1993-1985	6	262	4.3	12
224-3547	General Motors Truck	1990-1969	8	350	5.7	24	224-3557	General Motors Truck	1993-1985	6	262	4.3	13
224-3547	General Motors Truck	1990-1969	8	350	5.7	25	224-3557	General Motors Corp.	1993-1985	6	262	4.3	25
224-3547	General Motors Truck	1990-1969	8	350	5.7	26	224-3558	Isuzu Truck	1996-1985	6	262	4.3	7
224-3547	General Motors Truck	1990-1969	8	350	5.7	27	224-3558	General Motors Truck	1996-1985	6	262	4.3	12
224-3547	General Motors Truck	1990-1969	8	350	5.7	29	224-3558	General Motors Truck	1996-1985	6	262	4.3	13
224-3547	General Motors Truck	1990-1969	8	350	5.7	30	224-3558	General Motors Corp.	1996-1985	6	262	4.3	25
224-3547	General Motors Corp.	1971-1969	8	350	5.7	34	224-3559	Checker Motors	2002-1992	8	350	5.7	6
224-3547	General Motors Corp.	1990-1969	8	350	5.7	35	224-3559	Isuzu Truck	2002-1992	8	350	5.7	9
224-3548	Checker Motors	1990-1969	8	350	5.7	6	224-3559	Isuzu Truck	2002-1992	8	350	5.7	10
224-3548	Isuzu Truck	1990-1969	8	350	5.7	9	224-3559	Jeep	2002-1992	8	350	5.7	13
224-3548	Isuzu Truck	1990-1969	8	350	5.7	10	224-3559	General Motors Truck	2002-1992	8	350	5.7	24
224-3548	Jeep	1971-1969	8	350	5.7	12	224-3559	General Motors Truck	2002-1992	8	350	5.7	25
224-3548	Jeep	1990-1969	8	350	5.7	13	224-3559	General Motors Truck	2002-1992	8	350	5.7	26
224-3548	General Motors Truck	1990-1969	8	350	5.7	24	224-3559	General Motors Truck	2002-1992	8	350	5.7	27
224-3548	General Motors Truck	1990-1969	8	350	5.7	25	224-3559	General Motors Truck	2002-1992	8	350	5.7	29
224-3548	General Motors Truck	1990-1969	8	350	5.7	26	224-3559	General Motors Truck	2002-1992	8	350	5.7	30
224-3548	General Motors Truck	1990-1969	8	350	5.7	27	224-3559	General Motors Corp.	2002-1992	8	350	5.7	35
224-3548	General Motors Truck	1990-1969	8	350	5.7	29	224-3560	Isuzu Truck	1999-1997	6	-	4.3	6
224-3548	General Motors Truck	1990-1969	8	350	5.7	30	224-3560	Isuzu Truck	2002-1995	6	262	4.3	7
224-3548	General Motors Corp.	1971-1969	8	350	5.7	34	224-3560	General Motors Truck	2002-1995	6	262	4.3	12
224-3548	General Motors Corp.	1990-1969	8	350	5.7	35	224-3560	General Motors Truck	2002-1995	6	262	4.3	13
224-3549	Chrysler	2005-1998	6	167	2.7	9	224-3560	General Motors Corp.	2002-1995	6	262	4.3	25
224-3550	Ford Truck	1998-1991	8	281	4.6	17	224-3561	Ford Truck	2003-1999	10	415	6.8	43
224-3550	Ford Truck	1998-1991	8	281	4.6	18	224-3562	American Motors	2002-1996	4	150	2.5	1
224-3550	Ford Truck	1998-1991	8	281	4.6	19	224-3562	Jeep	2002-1996	4	150	2.5	2
224-3550	Ford Truck	1998-1991	8	281	4.6	20	224-3562	Eagle Chrysler	2002-1996	4	150	2.5	4
224-3550	Ford	1998-1991	8	281	4.6	22	224-3562	Dodge Truck	2002-1996	4	153	2.5	4
224-3550	Ford	1998-1991	8	281	4.6	23	224-3563	Dodge Truck	2003-1994	10	488	8.0	32
224-3550	Ford	1998-1991	8	281	4.6	24	224-3564	Jeep	2005-2002	6	226	3.7	5
224-3550	Ford	1998-1991	8	281	4.6	25	224-3564	Jeep	2005-2002	6	226	3.7	6
224-3550	Ford	1998-1991	8	281	4.6	26	224-3564	Dodge Truck	2005-2002	6	226	3.7	14
224-3553	General Motors Corp.	1991-1987	4	122	2.0	5	224-3564	Dodge Truck	2005-2002	6	226	3.7	15
224-3553	General Motors Corp.	1991-1987	4	122	2.0	6	224-3565	Hummer	2006	5	211	3.5	1

# NUMERICAL LISTING



PART	MAKE	YEAR	CYL	CID	BLOCK	
					LTR	NUM
224-3565	Isuzu Truck	2006-2004	5	211	3.5	4
224-3565	General Motors Truck	2006-2004	5	211	3.5	7
224-3566	Isuzu Truck	2006-2004	4	169	2.8	3
224-3566	General Motors Truck	2006-2004	4	169	2.8	3
224-3569	Ford	1987-1968	8	460	7.5	43
224-3569	Ford	1987-1968	8	460	7.5	44
224-3569	Ford Truck	1987-1968	8	460	7.5	50
224-3570.020	Ford Truck	1971-1969	8	351	5.8	31
224-3570.020	Ford Truck	1971-1969	8	351	5.8	32
224-3570.020	Ford	1971-1969	8	351	5.8	33
224-3570.020	Ford Truck	1971-1969	8	351	5.8	33
224-3570.020	Ford Truck	1971-1969	8	351	5.8	34
224-3570.020	Ford	1971-1969	8	351	5.8	34
224-3570.020	Ford	1971-1969	8	351	5.8	35
224-3570.020	Ford	1971-1969	8	351	5.8	36
224-3571	Ford Truck	1990-1980	8	370	6.1	39
224-3571	Ford Truck	1990-1980	8	370	6.1	40
224-3572	General Motors Corp.	1980-1975	8	400	6.6	39
224-3572	General Motors Truck	1980-1975	8	400	6.6	41
224-3573.030	General Motors Truck	1983-1970	8	454	7.4	45
224-3573.030	General Motors Corp.	1983-1970	8	454	7.4	45
224-3573.030	General Motors Truck	1983-1970	8	454	7.4	46
224-3573.030	General Motors Truck	1983-1970	8	454	7.4	47
224-3573.030	General Motors Truck	1983-1970	8	454	7.4	48
224-3573.030	General Motors Truck	1983-1970	8	454	7.4	49
224-3574	Checker Motors	1986-1982	8	305	5.0	3
224-3574	General Motors Truck	1986-1982	8	305	5.0	18
224-3574	General Motors Truck	1986-1982	8	305	5.0	19
224-3574	General Motors Corp.	1986-1982	8	305	5.0	29
224-3577HA	Hummer	2002-1992	8	395	6.5	3
224-3577HA	General Motors Truck	2002-1992	8	395	6.5	37
224-3577HA	General Motors Truck	2002-1992	8	395	6.5	38

# PISTON NUMERICAL SPECIFICATIONS



PART NUMBER	CASTING NUMBER	BORE (IN)	BORE (MM)	COMP. HEIGHT	PIN DIAMETER	MATERIAL	MIN. SKIRT CLEARANCE	MEASURE SKIRT CLEARANCE AT	RINGS
224-1397		3.400	86.36	1.740	0.9012	Aluminum	0.0015	1.00" from bottom of skirt	5/64" 5/64" 3/16"
224-1527		4.000	101.60	1.654	0.9273	Aluminum	0.0015	1.00" from bottom of skirt	5/64" 5/64" 3/16"
224-1529		3.800	96.52	1.580	0.9122	Aluminum	0.0015	.844" from bottom of skirt	5/64" 3/32" 3/16"
224-1544		3.875	98.42	1.779	0.9273	Aluminum	0.0015	1.00" from bottom of skirt	5/64" 5/64" 3/16"
224-1568		3.750	99.0	1.835	0.9398	Aluminum	0.0015		5/64" 5/64" 3/16"
224-1650		3.680	93.47	1.500	0.9122	Aluminum	0.0015	1.00" from bottom of skirt	5/64" 5/64" 3/16"
224-1658		3.875	98.42	1.640	0.9273	Aluminum	0.0015	1.00" from bottom of skirt	5/64" 5/64" 3/16"
224-1666.030		4.000		1.816	0.9750	Aluminum	0.0015	0.312" from bottom of skirt	5/64" 3/32" 3/16"
224-1670		4.120	104.65	1.700	0.9805	Aluminum	0.0015	.250" Up from bottom of skirt	5/64" 5/64" 3/16"
224-1699		4.250		1.848	1.094	Aluminum	0.0015	0.900" from the bottom of skirt	5/64" 5/64" 3/16"
224-1708		3.937		2.160	0.9898	Aluminum	0.0015	1.00" up from bottom of skirt	3/32" 5/64" 5/64" 3/16"
224-1712		4.050	102.87	1.760	0.9752	Aluminum	0.0015	1.00" Up from bottom of skirt	5/64" 3/32" 3/16"
224-1713		4.050	102.90	1.76	0.9752	Aluminum	0.0015	1.00" from bottom of skirt	5/64" 3/32" 3/16"
224-1715		3.750	95.25	1.581	0.9310	Aluminum	0.0015	.750" Up from Bottom of skirt	5/64" 5/64" 3/16"
224-1730.030		4.320	109.7	1.969	1.094	Aluminum	0.0015	0.750" up from bottom of skirt	5/64" 5/64" 3/16"
224-1735		4.187	106.4	1.942	0.989	Aluminum	0.0015		5/64" 5/64" 3/16"
224-1737		3.875	98.40	1.655	0.9273	Aluminum	0.0015	0.500" from the bottom of skirt	5/64" 5/64" 3/16"
224-1740		4.057	103.05	1.595	0.9805	Aluminum	0.0015	1.00" Up from bottom of skirt	5/64" 5/64" 3/16"
224-1746		4.125	104.78	1.720	0.9805	Aluminum	0.0015	1.00" Up from bottom of skirt	5/64" 5/64" 3/16"
224-1747-020		4.125		1.720	0.9805	Aluminum	0.0015	1.00" up from bottom of skirt	5/64" 5/64" 3/16"
224-1749		3.875	98.42	1.7	0.9805	Aluminum	0.0015	1.00" Up from bottom of skirt	5/64" 5/64" 3/16"
224-1795.030		4.000		1.763	0.9752	Aluminum			5/64" 5/64" 3/16"
224-1810.020		4.000		1.739	0.9120	Aluminum	0.0015	1.00" up from bottom of skirt	5/64" 5/64" 3/16"
224-1831		4.050	102.87	1.660	0.9752	Aluminum	0.0015	1.00" Up from bottom of skirt	5/64" 3/32" 3/16"
224-1832		4.000	101.60	1.719	0.9122	Aluminum	0.0015	1.125" from the bottom of skirt	5/64" 5/64" 3/16"

# PISTON NUMERICAL SPECIFICATIONS



PART NUMBER	CASTING NUMBER	BORE (IN)	BORE (MM)	COMP. HEIGHT	PIN DIAMETER	MATERIAL	MIN. SKIRT CLEARANCE	MEASURE SKIRT CLEARANCE AT	RINGS
224-1840		4.000	101.60	1.630	0.9752	Aluminum	0.0015	1.00" from bottom of skirt	5/64" 5/64" 3/16"
224-1842		4.000	101.60	1.740	0.9752	Aluminum	0.0015	pin center line	5/64" 5/64" 3/16"
224-1848		4.313	109.54	1.955	0.9997	Aluminum	0.0020	Bottom of skirt	5/64" 5/64" 3/16"
224-1849		4.150	105.41	1.480	0.9805	Aluminum	0.0015	.900" from bottom of skirt	5/64" 1/16" 3/16"
224-1850		4.000	101.60	1.576	0.9842	Aluminum	0.0015	pin center line	5/64" 5/64" 3/16"
224-1852		4.125	104.78	1.540	0.9273	Aluminum	0.0015	pin center line	5/64" 5/64" 3/16"
224-1856		4.360	110.74	1.760	1.0402	Aluminum	0.0015	1.20" Up from bottom of skirt	5/64" 5/64" 3/16"
224-1860		4.250		2.160	0.9898	Aluminum	0.0025	1.060" up from bottom of skirt	3/32" 5/64" 5/64" 3/16"
224-1866		4.342	110.29	1.812	1.094	Aluminum	0.0015	.850" Up from bottom of skirt	5/64" 5/64" 3/16"
224-1869		4.360	110.74	1.882	1.0402	Aluminum	0.0015	1.125" Up from bottom of skirt	5/64" 5/64" 3/16"
224-1870		4.250	107.95	1.627	0.9898	Aluminum	0.0020	1.00" Up from bottom of skirt	5/64" 5/64" 3/16"
224-1882		3.875	98.42	1.830	0.9752	Aluminum	0.0020	.94" Up from bottom of skirt	5/64" 3/32" 3/16"
224-1885		4.000	101.60	1.655	0.9273	Aluminum	0.0020	1.00" Up from bottom of skirt	5/64" 5/64" 3/16"
224-1889		3.875	98.42	2.009	0.9273	Aluminum	0.0025	.500" Up from bottom of skirt	3/32" 3/32" 3/16"
224-1894		3.875	98.42	1.891	1.062	Aluminum	0.0030	Bottom of pin boss	3/32" 3/32" 3/16"
224-1895		3.875	98.42	2.2	1.062	Aluminum	0.0030	Bottom of pin boss	3/32" 3/32" 3/16"
224-1916		4.000	101.60	1.585	0.9122	Aluminum	0.0015	1.00" Up from bottom of skirt	5/64" 5/64" 3/16"
224-1921		4.000	101.60	1.630	0.9122	Aluminum	0.0015	pin center line	5/64" 5/64" 3/16"
224-1946		3.780	96.00	1.578	0.9122	Aluminum	0.0015	.65" Up from bottom of skirt	5/64" 5/64" 3/16"
224-1949		3.800	96.52	1.805	0.9398	Aluminum	0.0015	top of skirt	5/64" 5/64" 3/16"
224-1999		3.661		1.511	0.9450	Aluminum	0.0015	0.450" from bottom	2.00mm 2.50mm 4.00mm
224-2001		4.000	101.60	1.921	0.9752	Aluminum	0.0015	1.00" Up from bottom of skirt	5/64" 5/64" 3/16"
224-2004		4.050		1.760	0.9750	Aluminum	0.0020	1.100" from bottom of skirt	3/32" 5/64" 3/16"
224-2007		3.910	99.31	1.741	0.9842	Aluminum	0.0015	pin center line	5/64" 5/64" 3/16"
224-2009		4.320	109.73	1.912	1.094	Aluminum	0.0015	.600" Up from bottom of skirt	5/64" 5/64" 3/16"

# PISTON NUMERICAL SPECIFICATIONS



PART NUMBER	CASTING NUMBER	BORE (IN)	BORE (MM)	COMP. HEIGHT	PIN DIAMETER	MATERIAL	MIN. SKIRT CLEARANCE	MEASURE SKIRT CLEARANCE AT	RINGS
224-2012		3.736	94.89	1.540	0.9273	Aluminum	0.0015	.95" Up from bottom	5/64" 5/64" 3/16"
224-2034		4.000	101.60	1.570	0.9273	Aluminum	0.0015	.800" up from bottom of skirt	5/64" 5/64" 3/16"
224-2035		4.300		1.882	0.9997	Aluminum	0.0010	Pin center line	5/64" 5/64" 3/16"
224-2038		4.351	110.52	1.595	0.9805	Aluminum	0.0015	1.00" Up from bottom of skirt	5/64" 5/64" 3/16"
224-2039		4.000	101.60	1.763	0.9752	Aluminum	0.0015	.900" Up from bottom of skirt	5/64" 5/64" 3/16"
224-2040		4.000	101.60	1.752	0.9122	Aluminum	0.0015	1.60" Up from bottom of skirt	5/64" 5/64" 3/16"
224-2042		3.500	88.90	1.540	0.9273	Aluminum	0.0015	0.750" from the bottom of skirt	5/64" 5/64" 3/16"
224-2108		4.000	101.60	1.585	0.9122	Aluminum	0.0015	pin center line	5/64" 5/64" 3/16"
224-2120		4.360	110.74	2.140	1.0402	Aluminum	0.0025	.75" Up from bottom	3/32" 5/64" 3/16"
224-2125		3.228		1.474	0.9055	Aluminum	0.0010	0.700" from bottom of skirt	1.50mm 1.50mm 4.00mm
224-2130		3.504	89.00	1.578	0.9055	Aluminum	0.0012	.750" Up from Bottom of skirt	1.50mm 2.00mm 4.75mm
224-2132		3.228		1.595	0.9805	Aluminum	0.0010	0.700" from bottom of skirt	1.50mm 1.50mm 4.00mm
224-2141		4.000	101.60	1.570	0.9273	Aluminum	0.0025	.80" Up from bottom of skirt	1/16" 5/64" 3/16"
224-2158		3.750	95.25	1.630	0.9310	Aluminum	0.0015	.310" Up from bottom of skirt	5/64" 5/64" 3/16"
224-2185	101V3	3.976	101.00	2.119	1.22	Aluminum	0.0025	0.375" from the bottom of skirt	3.00mm 2.00mm 4.00mm
224-2187		3.810		1.584	0.9120	Aluminum	0.0015	0.750" from bottom of skirt	2.00mm 2.00mm 4.00mm
224-2190	101L26	4.000	101.60	1.934	1.110	Aluminum	0.0050	1.00" Up from bottom of skirt	2.00mm 2.00mm 2.80mm
224-2222		3.736	94.89	1.54	0.9273	Aluminum	0.0015	pin center line	5/64" 5/64" 3/16"
224-2234		4.080	103.63	1.58	0.931	Aluminum	0.0015	.600" Up from Bottom of skirt	2.00mm 2.00mm 5.00mm
224-2274		3.518	89.36	1.578	0.9122	Aluminum	0.0015	.580" Up from bottom of skirt	2.00mm 2.00mm 4.75mm
224-2283		3.680	93.47	1.5	0.9122	Aluminum	0.0015	1.126" Up from bottom of skirt	5/64" 5/64" 3/16"
224-2291		3.622	92.00	1.526	0.8665	Aluminum	0.0015	1.259" Up from bottom of skirt	2.50mm 2.50mm 4.00mm
224-2315		3.622	92.00	1.355	0.8665	Aluminum	0.0015	.500" Up from bottom of skirt	1.50mm 1.50mm 4.00mm
224-2321		4.000	101.60	1.625	0.9273	Hypereutectic	0.0020	1.00" Up from bottom of skirt	5/64" 5/64" 3/16"
224-2322		4.000	101.60	1.581	0.931	Aluminum	0.0015	pin center line	5/64" 5/64" 3/16"
224-2348		3.445	87.50	1.571	0.9009	Aluminum	0.0013	.400" Up from bottom of skirt	1.50mm 1.50mm 4.00mm

# PISTON NUMERICAL SPECIFICATIONS



PART NUMBER	CASTING NUMBER	BORE (IN)	BORE (MM)	COMP. HEIGHT	PIN DIAMETER	MATERIAL	MIN. SKIRT CLEARANCE	MEASURE SKIRT CLEARANCE AT	RINGS
224-2353		3.504	89.00	1.535	0.9122	Hypereutectic	0.0015	.38" Up from bottom	1.50mm 1.50mm 4.00mm
224-2357		3.504	89.00	1.599	0.9055	Aluminum	0.0012	.700" Up from bottom	1.50mm 2.00mm 4.75mm
224-2511		4.000	101.60	1.54	0.9273	Hypereutectic	0.0015	top of skirt slipper	5/64" 5/64" 3/16"
224-2517		4.000	101.60	1.540	0.9273	Aluminum	0.0015	pin center line	5/64" 5/64" 3/16"
224-2554		3.226	81.94	1.286	0.8121	Aluminum	0.0020	Down 2.03" from top of head	1.50mm 1.50mm 3.00mm
224-2555		3.811	96.80	1.614	0.9122	Aluminum	0.0015	.450" Up from bottom of skirt	1.50mm 1.50mm 4.00mm
224-2557		2.7953		1.120	0.7870	Aluminum	0.0013	0.500" from bottom of skirt	1.20mm 1.50mm 3.00mm
224-2558		3.736	94.89	1.54	0.9275	Aluminum	0.0010	1.80" from top of head	5/64" 5/64" 3/16"
224-2565		4.040		1.824	0.9842	Aluminum	0.0015	0.875" from bottom of skirt	5/64" 5/64" 3/16"
224-2567		4.000	101.60	1.566	0.9273	Hypereutectic	0.0015	.500" Up from bottom of skirt	1/16" 5/64" 3/16"
224-2581		4.000	101.60	1.776	0.9752	Hypereutectic	0.0010	2.47" from top of head	5/64" 5/64" 3/16"
224-2583		3.736	94.89	1.540	0.9273	Hypereutectic	0.0010	1.80" from top of head	5/64" 5/64" 3/16"
224-2587		4.000	101.60	1.608	0.9122		0.0015	1.10" Up from bottom	1.50mm 1.50mm 4.00mm
224-2694		4.000	101.60	1.54	0.9273		0.0015	.900" Up from bottom of skirt	5/64" 5/64" 3/16"
224-2699		3.661	92.99	1.527	0.9450		0.0011	.70" Up from bottom	1.60mm 1.75mm 3.50mm
224-2707		4.250	107.95	1.627	0.9898	Hypereutectic	0.0020	1.00" Up from bottom of skirt	5/64" 5/64" 3/16"
224-2719		2.913	73.99	1.114	0.6693		0.0012	3.25" below centerline	1.20mm 1.50mm 2.80mm
224-2741		4.250	107.95	2.16	0.9898		0.0025	1.06" Up from bottom	3/32" 5/64" 5/64" 3/16"
224-2742		3.187		1.763	0.7503	Aluminum	0.0015	bottom of skirt	3/32" 3/32" 3/16" 3/16"
224-2745		4.000	101.60	1.54	0.9273		0.0015	.90" Up from bottom	5/64" 5/64" 3/16"
224-2751		3.250	82.55	1.978	0.8593	Aluminum	0.0015	bottom of skirt	3/32" 3/32" 5/32"
224-2755		3.700		1.310	0.9054	Hypereutectic	0.0015	0.750" from bottom of skirt	1.50mm 1.50mm 3.00mm
224-2756		3.125	79.38	2.167	0.8120		0.0020	.375" Up from bottom of skirt	3/32" 3/32" 3/16"
224-2757		3.504	89.00	1.450	0.9054		0.0016	.20" Up from bottom	1.50mm 1.50mm 4.00mm
224-2758		3.504	89.00	1.45	0.9055	Hypereutectic	0.0015	.20" Up from bottom	1.50mm 1.50mm 4.00mm

# PISTON NUMERICAL SPECIFICATIONS



PART NUMBER	CASTING NUMBER	BORE (IN)	BORE (MM)	COMP. HEIGHT	PIN DIAMETER	MATERIAL	MIN. SKIRT CLEARANCE	MEASURE SKIRT CLEARANCE AT	RINGS
224-2759		3.800	96.52	1.366	0.9054	Hypereutectic	0.0015	.50" Up from bottom	1.50mm 1.50mm 3.00mm
224-2770		4.000	101.60	1.54	0.9273		0.0015	15/16" up from bottom	5/64" 5/64" 3/16"
224-2774		3.504	89.00	1.170	0.8002		0.0015	bottom of skirt	1.50mm 1.50mm 3.00mm
224-2775		4.250	107.95	1.627	0.9898	Hypereutectic	0.0025	.55" Up from bottom	5/64" 5/64" 3/16"
224-2783		3.445	87.50	1.350	0.9009		0.0013	bottom of skirt	1.50mm 1.50mm 4.00mm
224-2808		4.000	101.60	1.770	0.9122	Hypereutectic	0.0015	2.08" from top of head	1.50mm 1.50mm 4.00mm
224-2810		4.000	101.60	1.540	0.9273	Hypereutectic	0.0015	.20" Up from bottom	2.00mm 1.50mm 4.00mm
224-2811		3.385	85.98	1.171	0.8266	Hypereutectic	0.0015	.260" Up from bottom	1.50mm 1.50mm 3.00mm
224-2812		3.954	100.42	1.450	0.9450	Hypereutectic	0.0013	.500" Up from bottom	1.60mm 1.75mm 3.50mm
224-2813		4.000	101.60	1.600	0.9122	Hypereutectic	0.0015	.60" Up from bottom of skirt	1.50mm 1.50mm 4.00mm
224-2814		3.777	95.94	1.369	0.9009	Aluminum	0.0015	.20" Up from bottom	1.50mm 1.50mm 3.00mm
224-2815		3.661	92.99	1.260	0.9009	Aluminum	0.0015	.19" Up from bottom	1.50mm 1.50mm 3.00mm
224-2816		3.445	87.50	1.328	0.8271	Aluminum	0.0010	.510" from bottom of skirt	1.50mm 1.50mm 4.00mm
224-2840		3.562	90.47	2.060	0.8650	Aluminum	0.0015	.375" Up from bottom of skirt	3/32" 3/32" 3/16"
224-2877		4.094	103.99	1.747	0.9898	Aluminum	0.0015	1.20" Up from bottom of skirt	5/64" 5/64" 3/16"
224-2882		3.551	90.20	1.200	0.8665	Hypereutectic	0.0013	.567" Up from bottom	1.50mm 1.50mm 3.00mm
224-2883		3.445	87.50	1.230	0.8267	Hypereutectic	0.0011	.500" Up from bottom of skirt	1.20mm 1.20mm 3.00mm
224-2885		3.780	96.00	1.487	0.9449	Hypereutectic	0.0014	0.375" from the bottom of skirt	1.50mm 1.50mm 3.00mm
224-2887		3.622		1.240	0.8665	Hypereutectic	0.0015	1.200" from bottom of skirt	1.50mm 1.50mm 3.00mm
224-2888		3.800	96.52	1.443	0.9054	Aluminum	0.0015	bottom of pin boss	1.20mm 1.50mm 3.00mm
224-2890		3.228	81.99	1.165	0.768	Hypereutectic	0.0015	bottom of pin boss	1.50mm 1.50mm 3.00mm
224-2891		4.360	110.74	1.770	1.0402	Hypereutectic	0.0020	bottom of pin boss	2.00mm 2.00mm 4.00mm
224-2893		3.173	80.60	1.320	0.7485	Aluminum	0.0015	bottom of pin boss	1.50mm 1.50mm 4.00mm
224-2895		2.913		1.115	0.6695	Aluminum	0.0013	bottom of pin boss	1.20mm 1.50mm 2.80mm
224-2896		3.622	92.00	1.457	0.9054	Hypereutectic	0.0013	bottom of pin boss	1.50mm 1.50mm 4.00mm
224-2897		4.055	103.00	2.119	1.22	Aluminum	0.0040	0.63" from the bottom	3.00mm 2.00mm 4.00mm

# PISTON NUMERICAL SPECIFICATIONS



PART NUMBER	CASTING NUMBER	BORE (IN)	BORE (MM)	COMP. HEIGHT	PIN DIAMETER	MATERIAL	MIN. SKIRT CLEARANCE	MEASURE SKIRT CLEARANCE AT	RINGS
224-2901		3.625		1.857	0.9122	Aluminum	0.0015	0.312" from bottom of skirt	3/32" 3/32" 3/16"
224-2904		3.750	95.25	1.760	0.9122	Aluminum	0.0015	.550" Up from bottom	5/64" 5/64" 3/16"
224-2905		3.406	86.50	1.370	0.8267	Aluminum	0.0012	bottom of pin boss	1.50mm 1.50mm 4.00mm
224-2907		4.000	101.60	1.605	0.9842	Aluminum	0.0015	bottom of pin boss	1.50mm 1.50mm 4.00mm
224-2908	104L32	4.110	104.39	1.940	1.110	Aluminum	0.0055	1.00" Up from bottom of skirt	3.00mm 2.00mm 3.50mm
224-2909		3.406	86.50	1.360	0.8665	Aluminum	0.0015	bottom of pin boss	1.20mm 1.50mm 2.80mm
224-2913		3.800		1.760	0.9122	Aluminum	0.0015	0.500" from bottom of skirt	5/64" 3/32" 3/16"
224-2916		3.504	89.00	1.170	0.8002	Hypereutectic	0.0015	bottom of pin boss	1.50mm 1.50mm 3.00mm
224-2920		4.125	104.78	1.565	0.9272	Aluminum	0.0020	.620" from the bottom of skirt	5/64" 5/64" 3/16"
224-2923									
224-2938		2.873	72.97	1.167	0.7087	Aluminum	0.0020	top of skirt slipper	1.50mm 1.50mm 3.00mm
224-2940		4.250	107.95	1.750	0.9898	Aluminum	0.0015	1.20" Up from bottom	5/64" 5/64" 3/16"
224-2946		3.587	91.10	1.247	0.8665	Aluminum	0.0015	.70" from the bottom of skirt	1.50mm 1.50mm 4.00mm
224-2948		4.000	101.60	1.54	0.9273	Hypereutectic	0.0013	.400" from the bottom of skirt	5/64" 5/64" 3/16"
224-2975	84V140	3.339	84.81	1.301	0.8122	Aluminum	0.0012	.394" from the bottom	1.50mm 1.75mm 3.00mm
224-2985		3.504	89.00	1.323	0.8264	Aluminum	0.0012	top of skirt slipper	1.50mm 1.50mm 2.80mm
224-2986		3.425	87.00	1.283	0.866	Aluminum	0.0012	top of skirt slipper	1.50mm 1.50mm 4.00mm
224-2991		3.898	99.00	1.33	0.9449	Hypereutectic	0.0009	0.433" from the bottom	1.50mm 1.50mm 3.00mm
224-2992		4.000	101.60	1.605	0.9122	Hypereutectic	0.0015	1.100" Up from bottom	5/64" 5/64" 3/16"
224-3061		4.130		1.660	0.9752	Aluminum	0.0015	bottom of pin boss	5/64" 5/64" 3/16"
224-3062		4.000	101.60	1.635	0.9122	Aluminum	0.0015	Bottom of pin boss	5/64" 5/64" 3/16"
224-3065		3.780	96.00	1.578	0.9122	Aluminum	0.0015	Bottom of pin boss	1.50mm 1.50mm 4.00mm
224-3075.030		4.300		2.004	0.9997	Aluminum	0.0010	bottom of pin boss	5/64" 5/64" 3/16"
224-3086		3.313		2.00	0.8593	Aluminum	0.0020	0.130 from bottom of skirt	5/64" 3/32" 3/32" 1/4"
224-3101		3.937	100.00	2.255	0.9898	Hypereutectic	0.0020	Bottom of pin boss	3/32" 5/64" 5/64" 3/16"

# PISTON NUMERICAL SPECIFICATIONS



PART NUMBER	CASTING NUMBER	BORE (IN)	BORE (MM)	COMP. HEIGHT	PIN DIAMETER	MATERIAL	MIN. SKIRT CLEARANCE	MEASURE SKIRT CLEARANCE AT	RINGS
224-3163	104L34	4.110	104.40	2.142	1.307	Aluminum	0.0055	0.850" from the bottom of skirt	3.00mm 2.00mm 3.50mm
224-3173		4.125		1.747	0.9898	Aluminum	0.0015	1.125" from bottom of skirt	5/64" 5/64" 3/16"
224-3175		4.000	101.60	1.540	0.9273	Hypereutectic	0.0015	Bottom of pin boss	2.00mm 1.50mm 4.00mm
224-3180		4.360	110.74	1.760	1.0402	Aluminum	0.0015	Bottom of pin boss	5/64" 5/64" 3/16"
224-3181		3.504	89.00	1.170	0.8002	Hypereutectic	0.0013	.300" from the bottom of skirt	1.50mm 1.50mm 3.00mm
224-3355									
224-3401		3.622	92.00	1.355	0.8665	Aluminum	0.0025	Bottom of pin boss	1.50mm 1.50mm 4.00mm
224-3402		4.000	101.60	1.54	0.9273	Hypereutectic	0.0015	Bottom of pin boss	1.50mm 1.50mm 3.00mm
224-3403		4.054	102.97	2.109	1.22	Hypereutectic	0.0040	.63" From the bottom	3.00mm 2.00mm 4.00mm
224-3404		3.812	96.83	1.255	0.9054	Hypereutectic	0.0017	Bottom of pin boss	1.50mm 1.50mm 3.00mm
224-3405		3.445	87.50	1.230	0.8267	Aluminum	0.0010	.300" from the bottom of skirt	1.20mm 1.20mm 3.00mm
224-3406		3.380	85.85	1.220	0.8661	Hypereutectic	0.0016	.360 from the bottom of skirt	0.061" 0.061" 0.121"
224-3407		3.799	96.50	1.090	0.8662	Hypereutectic	0.0015	.340" from the bottom of skirt	1.20mm 1.50mm 2.00mm
224-3408		3.910	99.31	1.741	0.9842	Hypereutectic	0.0013	.938" from the bottom of skirt	2.00mm 2.00mm 4.00mm
224-3409	104L34	4.110	104.39	2.132	1.3085	Aluminum	0.0055	.850" from the bottom	3.00mm 2.00mm 3.50mm
224-3411		3.504	89.00	1.478	0.9054	Aluminum	0.0011	.480" from the bottom of skirt	1.20mm 1.50mm 3.00mm
224-3412		3.622	92.00	1.470	0.9054	Hypereutectic	0.0013	.400" from the bottom of skirt	1.20mm 1.50mm 4.00mm
224-3413		3.552	90.22	1.216	0.866	Aluminum	0.0014	.354 from the bottom	1.50mm 1.50mm 3.00mm
224-3414		3.552	90.22	1.22	0.866	Aluminum	0.0014	.354 from the bottom	1.50mm 1.50mm 3.00mm
224-3415		3.875	98.40	1.592	0.9310	Hypereutectic	0.0014	.354 from the bottom	1.50mm 1.50mm 4.00mm
224-3416		3.551	90.20	1.215	0.8660	Hypereutectic	0.0014	.354 from the bottom	1.50mm 1.50mm 3.00mm
224-3417		3.552	90.22	1.246	0.862	Aluminum	0.0014	.354 from the bottom	1.50mm 1.50mm 3.00mm
224-3418	90L91	3.552	90.22	1.21	0.866	Aluminum	0.0014	.354 from the bottom	1.50mm 1.50mm 3.00mm
224-3419		3.811	96.80	1.430	0.9054	Hypereutectic	0.0013	.330" from the bottom of skirt	1.50mm 1.50mm 3.00mm
224-3420		3.736	94.89	1.54	0.9273	Aluminum	0.0015	Bottom of pin boss	5/64" 5/64" 3/16"
224-3421		3.799	96.50	1.197	0.9054	Hypereutectic	0.0015	.612" from the bottom of skirt	1.20mm 1.50mm 2.00mm

# PISTON NUMERICAL SPECIFICATIONS



PART NUMBER	CASTING NUMBER	BORE (IN)	BORE (MM)	COMP. HEIGHT	PIN DIAMETER	MATERIAL	MIN. SKIRT CLEARANCE	MEASURE SKIRT CLEARANCE AT	RINGS
224-3422	100V33	3.953	100.40	1.453	0.945	Aluminum	0.0015	.500" from the bottom of slipper tip	1.60mm 1.75mm 3.50mm
224-3423	100V32	3.954	100.43	1.445	0.9449	Aluminum	0.0015	.500" from the bottom of slipper tip	1.60mm 1.75mm 3.50mm
224-3424		3.780	96.01	1.324	0.95	Hypereutectic	0.0014	.910" from the bottom of skirt	1.50mm 1.50mm 3.00mm
224-3425		3.780	96.01	1.328	0.9451	Hypereutectic	0.0015	.860" from the bottom of skirt	1.50mm 1.50mm 3.00mm
224-3426		4.000	101.60	1.328	0.9451	Hypereutectic	0.0015	.580" from the bottom of skirt	1.50mm 1.50mm 3.00mm
224-3427		4.250	107.95	1.355	1.04	Hypereutectic	0.0020	.820" from the bottom of skirt	2.00mm 2.00mm 4.00mm
224-3428		3.504	89.00	1.171	0.8272	Hypereutectic	0.0013	.250" from the bottom of skirt	1.20mm 1.50mm 3.00mm
224-3429		3.341	84.86	1.460	0.8120	Hypereutectic	0.0016	.620" from the bottom of skirt	1.50mm 1.50mm 3.00mm
224-3430	84L54	3.339	84.81	1.157	0.787	Aluminum	0.0020	.394" from the bottom of skirt	1.50mm 1.75mm 3.00mm
224-3431		3.240	82.30	1.171	0.827	Hypereutectic	0.0013	.620" from the bottom of skirt	1.20mm 1.50mm 3.00mm
224-3432		3.189	81.00	1.185	0.8267	Aluminum	0.0012		1.00mm 1.20mm 2.80mm
224-3433		3.189	81.00	1.192	0.8267	Aluminum	0.0012		1.00mm 1.20mm 2.80mm
224-3434		2.953	75.00	1.195	0.748	Aluminum	0.0010	0.570" from the bottom of skirt	1.20mm 1.50mm 2.80mm
224-3435		2.953	75.00	1.09	0.748	Aluminum	0.0012		1.00mm 1.20mm 2.80mm
224-3437			99.30	1.741	0.9842	Hypereutectic	0.0013	.938" from the bottom of skirt	2.00mm 2.00mm 4.00mm
224-3438			90.22	1.215	0.8660	Hypereutectic	0.0012	.530" from the bottom of skirt	1.50mm 1.50mm 3.00mm
224-3439	96L32		96.00	1.492	.9448	Aluminum	0.0024	0.394" from the bottom of skirt	1.20mm 1.50mm 3.00mm
224-3440			93.00	1.173	0.9009		0.0015	.560" from the bottom of skirt	1.50mm 1.50mm 3.00mm
224-3441			82.00	1.165		Hypereutectic	0.0015	.435" from the bottom of skirt	1.20mm 1.50mm 3.00mm
224-3442	110L99		111.79	2.937	1.750	Aluminum	0.0053	.625" from the bottom of skirt	3.16mm 2.50mm 4.80mm
224-3443	93L27		93.01	1.252	0.9449	Aluminum	0.0015	.530" from the bottom of skirt	1.50mm 1.50mm 3.00mm
224-3444			96.00	1.283	0.9009	Aluminum	0.0015	.650" from the bottom of skirt	1.50mm 1.50mm 3.00mm
224-3445		3.386	86.00	1.181	0.8661	Aluminum	0.0011		1.20mm 1.20mm 2.80mm
224-3446		3.386	86.00	1.181	0.8661	Aluminum	0.0011		1.20mm 1.20mm 2.80mm
224-3447	89L41		89.00	1.488	0.905	Aluminum	0.0020	.551" from the bottom of skirt	1.20mm 1.50mm 3.00mm
224-3448	93L42		93.00	1.100	0.905	Aluminum	0.0016	.472" from the bottom of skirt	1.20mm 1.50mm 2.50mm

# PISTON NUMERICAL SPECIFICATIONS



PART NUMBER	CASTING NUMBER	BORE (IN)	BORE (MM)	COMP. HEIGHT	PIN DIAMETER	MATERIAL	MIN. SKIRT CLEARANCE	MEASURE SKIRT CLEARANCE AT	RINGS
224-3449	99L10A1	3.917	99.50	1.2106	24mm	Aluminum	0.0015	.550" rom the bottom of skirt	1.50mm 1.50mm 3.00mm
224-3450	88L65A6	3.465	88.01	1.665	1.181	Aluminum	0.0027	.275" from the bottom of skirt	2.50mm 2.00mm 3.00mm
224-3451	103V12		103.00	1.961	1.358	Aluminum	0.0018	.670" from the bottom of skirt	3.00mm 2.00mm 3.00mm
224-3452	103V12		103.00	1.961	1.358	Aluminum	0.0018	.670" from the bottom of skirt	3.00mm 2.00mm 3.00mm
224-3453	86L083	3.386	86.00	1.0531	0.8267	Aluminum	0.0012	.590" from the bottom of skirt	1.20mm 1.20mm 2.50mm
224-3454	95L102	3.740	95.00	2.059	1.339	Aluminum	0.0037	.579" from the bottom of skirt	2.30mm 2.00mm 3.50mm
224-3455	95L102	3.740	95.00	2.049	1.339	Aluminum	0.0037	.579" from the bottom of skirt	2.30mm 2.00mm 3.50mm
224-3456									
224-3457		3.740	95.00	1.4763	24.00mm				
224-3458									
224-3459			89.00	1.200	0.8002	Hypereutectic	0.0015	.140" from the bottom of skirt	1.50mm 1.50mm 3.00mm
224-3460			93.00	1.240	0.8660	Hypereutectic	0.0013	.750" from the bottom of skirt	
224-3461									
224-3462									
224-3463									
224-3464			107.95	1.627	0.9898	Hypereutectic	0.0025	.550" from the bottom of skirt	
224-3465			96.00	1.900	0.9122	Aluminum	0.0013	.900" from the bottom of skirt	1.50mm 1.50mm 3.00mm
224-3466			82.30	1.171	0.8273	Hypereutectic	0.0013	.620" from the bottom of skirt	1.20mm 1.50mm 3.00mm
224-3468			101.60	1.595	0.9122	Hypereutectic	0.0022	.600" from the bottom of skirt	1.50mm 1.50mm 4.00mm
224-3469			87.00	1.250		Aluminum	0.0010		1.20mm 1.50mm 3.00mm
224-3470	101L63	4.000	101.60	1.550	0.9279	Hypereutectic	0.0017	0.708" from the bottom of skirt	5/64" 5/64" 3/16"
224-3472	93V100	3.663	93.05	1.546	0.9449	Aluminum	0.0014	1.000" from the bottom of skirt	1.60mm 1.75mm 3.50mm
224-3473	93V100	3.663	93.05	1.526	0.9449	Aluminum	0.0014	1.000" from the bottom of skirt	1.60mm 1.75mm 3.50mm
224-3474	100V21	3.954	100.43	1.445	0.9449	Aluminum	0.0012	0.500" from the bottom of skirt	1.60mm 1.75mm 3.50mm
224-3475	74V107	2.912	73.98	1.157	0.7086	Aluminum	0.0012	0.472" from the bottom of skirt	1.50mm 1.75mm 3.00mm
224-3476	101L31	4.000	101.60	1.612	0.984	Aluminum	0.0010	1.299" from the bottom of skirt	1.50mm 1.50mm 4.00mm



# PISTON NUMERICAL SPECIFICATIONS

PART NUMBER	CASTING NUMBER	BORE (IN)	BORE (MM)	COMP. HEIGHT	PIN DIAMETER	MATERIAL	MIN. SKIRT CLEARANCE	MEASURE SKIRT CLEARANCE AT	RINGS
224-3478	100V32	3.954	100.43	1.435	0.9449	Aluminum	0.0014	0.394" from the bottom of skirt	1.60mm 1.75mm 3.50mm
224-3479	90L892	3.552	90.21	1.21	0.866	Aluminum	0.0014	0.354" from the bottom of skirt	1.50mm 1.50mm 3.00mm
224-3480	89V71A1	3.505	89.03	1.598	0.905	Aluminum	0.0015	0.625" from the bottom of skirt	1.50mm 1.50mm 4.00mm
224-3481HA	103L21A1	4.054	102.98	2.085	1.22	Aluminum	0.0040	0.630" from the bottom of skirt	3.00mm 2.00mm 4.00mm
2243482HA	103L21A1	4.054	102.98	2.119	1.22	Aluminum	0.0040	0.630" from the bottom of skirt	3.00mm 2.00mm 4.00mm
224-3483	89V72	3.504	89.00	1.339	0.800	Aluminum	0.0015	0.500" from the bottom of skirt	1.50mm 1.50mm 3.00mm
224-3484	89V71A1	3.505	89.03	1.618	0.905	Aluminum	0.0015	0.625" from the bottom of skirt	1.50mm 1.50mm 4.00mm
224-3485	90L91+++A4	3.544	90.02	1.21	0.866	Aluminum	0.0014	0.354" from the bottom of skirt	1.50mm 1.50mm 3.00mm
224-3486	92V85	3.623	92.03	1.466	0.905	Aluminum	0.0020	0.500" from the bottom of skirt	1.50mm 1.50mm 4.00mm
224-3487	89V79	3.504	89.00	1.181	0.800	Aluminum	0.0012	0.500" from the bottom of skirt	1.50mm 1.50mm 3.00mm
224-3488	89V83A1	3.505	89.03	1.461	0.905	Aluminum	0.0015	0.625" from the bottom of skirt	1.50mm 1.50mm 4.00mm
224-3489	89V83A1	3.505	89.03	1.441	0.905	Aluminum	0.0015	0.625" from the bottom of skirt	1.50mm 1.50mm 4.00mm
224-3490	89V80	3.505	89.03	1.461	0.905	Aluminum	0.0015	0.625" from the bottom of skirt	1.50mm 1.50mm 4.00mm
224-3491	89V80	3.505	89.03	1.441	0.905	Aluminum	0.0015	0.625" from the bottom of skirt	1.50mm 1.50mm 4.00mm
224-3492	89V85	3.504	89.00	1.185	0.800	Aluminum	0.0012	0.500" from the bottom of skirt	1.50mm 1.50mm 3.00mm
224-3493	89V85	3.504	89.00	1.175	0.800	Aluminum	0.0012	0.500" from the bottom of skirt	1.50mm 1.50mm 3.00mm
224-3496	101V3	3.977	101.03	2.109	1.22	Aluminum	0.0025	0.375" from the bottom of skirt	3.00mm 2.00mm 4.00mm
224-3497	101V13	4.000	101.60	1.559	0.927	Aluminum	0.0012	0.500" from the bottom of skirt	2.00mm 1.50mm 4.00mm
224-3498	101V13	4.000	101.60	1.549	0.927	Aluminum	0.0012	0.500" from the bottom of skirt	2.00mm 1.50mm 4.00mm
224-3499	101V14	4.000	101.60	1.559	0.927	Aluminum	0.0014	0.500" from the bottom of skirt	2.00mm 1.50mm 4.00mm
224-3500	101V14	4.000	101.60	1.549	0.927	Aluminum	0.0014	0.500" from the bottom of skirt	2.00mm 1.50mm 4.00mm
224-3503	95L102A1	3.740	95.00	2.059	1.339	Aluminum	0.0036	0.579" from the bottom of skirt	2.30mm 2.00mm 3.50mm
224-3504	95L102A1	3.740	95.00	2.049	1.339	Aluminum	0.0036	0.579" from the bottom of skirt	2.30mm 2.00mm 3.50mm
224-3505	101I26	4.000	101.60	1.944	1.11	Aluminum	0.0060	1.00" from the bottom of skirt	2.00mm 2.00mm 2.80mm
224-3508	104L32	4.110	104.40	1.950	1.110	Aluminum	0.0050	1.150" from the bottom of skirt	3.00mm 2.00mm 3.50mm
224-3509HA	104L32	4.110	104.40	1.930	1.110	Aluminum	0.0050	1.150" from the bottom of skirt	3.00mm 2.00mm 3.50mm

# PISTON NUMERICAL SPECIFICATIONS



PART NUMBER	CASTING NUMBER	BORE (IN)	BORE (MM)	COMP. HEIGHT	PIN DIAMETER	MATERIAL	MIN. SKIRT CLEARANCE	MEASURE SKIRT CLEARANCE AT	RINGS
224-3510	104L32	4.110	104.40	1.930	1.110	Aluminum	0.0050	1.150" from the bottom of skirt	3.00mm 2.00mm 3.50mm
224-3511HA	104L33	4.110	104.40	1.950	1.307	Aluminum	0.0060	1.000" from the bottom of skirt	3.16mm 2.52mm 3.50mm
224-3512HA	104L33	4.110	104.40	1.940	1.307	Aluminum	0.0060	1.000" from the bottom of skirt	3.16mm 2.52mm 3.50mm
224-3530	87V90	3.445	87.50	1.593	0.901	Aluminum	0.0010	0.500" from the bottom of skirt	1.50mm 1.50mm 4.00mm
224-3531	87L39	3.445	87.50	1.226	0.866	Aluminum	0.0016	0.571" from the bottom of skirt	1.50mm 1.50mm 3.00mm
224-3532	96V30+A6	3.780	96.00	1.507	0.945	Aluminum	0.0014	0.394" from the bottom of skirt	1.50mm 1.50mm 3.00mm
224-3533	96V30+A6	3.780	96.00	1.507	0.945	Aluminum	0.0024	0.394" from the bottom of skirt	1.20mm 1.50mm 3.00mm
224-3534	92L66	3.622	92.00	1.492	0.9449	Aluminum	0.0024	0.393" from the bottom of skirt	1.20mm 1.50mm 3.00mm
224-3535	96L70	3.780	96.01	1.313	0.9449	Aluminum	0.0008	0.551" from the bottom of skirt	1.50mm 1.50mm 3.00mm
224-3536	96L70	3.780	96.01	1.313	0.9449	Aluminum	0.0008	0.551" from the bottom of skirt	1.50mm 1.50mm 3.00mm
224-3537	89L28	3.505	89.02	1.488	0.905	Aluminum	0.0020	0.551" from the bottom of skirt	1.20mm 1.50mm 3.00mm
224-3538	92L62U1	3.622	92.00	1.478	0.8267	Aluminum	0.0020	0.472" from the bottom of skirt	1.20mm 1.50mm 3.00mm
224-3539WR	99L7+4U1	3.898	99.00	1.3385	0.9429	Aluminum	0.0008	.433" from the bottom of skirt	1.50mm 1.50mm 3.00mm
224-3540	99L7+4U1	3.898	99.00	1.3287	0.9429	Aluminum	0.0008	.433" from the bottom of skirt	1.50mm 1.50mm 3.00mm
224-3541	89L28	3.505	89.02	1.478	0.906	Aluminum	0.0020	.394" from the bottom of skirt	1.50mm 1.50mm 4.00mm
224-3542	89L28	3.505	89.02	1.478	0.906	Aluminum	0.0020	.394" from the bottom of skirt	1.50mm 1.50mm 4.00mm
224-3543	101L63	4.000	101.60	1.55	0.9279	Hypereutectic	0.0017	0.708" from the bottom of skirt	5/64" 5/64" 3/16"
224-3544	101L63	4.000	101.60	1.55	0.9279	Hypereutectic	0.0017	0.708" from the bottom of skirt	5/64" 5/64" 3/16"
224-3545	89L34++A2	3.524	89.50	1.0925	21mm	Aluminum	0.0017	.394" from the bottom of skirt	1.20mm 1.50mm 2.50mm
224-3547	101L63	4.000	101.60	1.55	0.9279	Hypereutectic	0.0017	0.708" from the bottom of skirt	5/64" 5/64" 3/16"
224-3548	101L63	4.000	101.60	1.55	0.9279	Hypereutectic	0.0017	0.708" from the bottom of skirt	5/64" 5/64" 3/16"
224-3549	86L54	3.386	86.00	1.217	0.866	Aluminum	0.0018	0.393" from the bottom of skirt	1.50mm 1.50mm 3.00mm
224-3550	90L77	3.551	90.21	1.22	0.866	Aluminum	0.0014	0.354" from the bottom of skirt	1.50mm 1.50mm 3.00mm
224-3551WR	68V27U2	2.705	68.71	1.157	0.7098	Aluminum	0.0012	1.6496" From the top of piston	1.50mm 1.75mm 3.00mm
224-3553	86V80	3.385	86.00	1.181	0.827	Aluminum	0.0015	.500" from the bottom of skirt	1.50mm 1.50mm 3.00mm
224-3554		3.800	96.52	1.805	0.9398	Aluminum	0.0015	0.120" from the bottom of skirt	5/64" 3/16"



# PISTON NUMERICAL SPECIFICATIONS



PART NUMBER	CASTING NUMBER	BORE (IN)	BORE (MM)	COMP. HEIGHT	PIN DIAMETER	MATERIAL	MIN. SKIRT CLEARANCE	MEASURE SKIRT CLEARANCE AT	RINGS
224-3555		3.875	98.40	1.581	0.9310	Aluminum	0.0015	0.700" from the bottom of skirt	5/64" 5/64" 3/16"
224-3556		4.000	101.60	1.540	0.9273	Aluminum	0.0015	0.550" from the bottom of skirt	5/64" 5/64" 3/16"
224-3557		4.000	101.60	1.540	0.9273	Aluminum	0.0015	0.900" from the bottom of skirt	5/64" 5/64" 3/16"
224-3558		4.000	101.60	1.540	0.9273	Hypereutectic	0.0013	0.400" from the bottom of skirt	5/64" 5/64" 3/16"
224-3559		4.000	101.60	1.54	0.9273	Hypereutectic	0.0015	0.500" from the bottom of skirt	2.00mm 1.50mm 4.00mm
224-3560		4.000	101.60	1.540	0.9273	Hypereutectic	0.0015	0.375" from the bottom of skirt	1.50mm 1.50mm 3.00mm
224-3561	90L80		90.20	1.22	0.866	Aluminum	0.0014	0.394" from the bottom of skirt	1.50mm 1.50mm 3.00mm
224-3562			98.40	1.592	0.9310	Hypereutectic	0.0015	0.500" from the bottom of skirt	1.50mm 1.50mm 4.00mm
224-3563	101L31	4.000	101.60	1.612	0.984	Aluminum	0.0010	1.299" from the bottom of skirt	1.50mm 1.50mm 4.00mm
224-3564	93L27		93.01	1.252	0.9449	Aluminum	0.0017	0.255" from the bottom of skirt	1.50mm 1.50mm 3.00mm
224-3565	93L42		93.00	1.100	0.9055	Aluminum	0.0016	0.472" from the bottom of skirt	1.20mm 1.50mm 2.50mm
224-3566	93L42		93.00	1.100	0.9055	Aluminum	0.0016	0.472" from the bottom of skirt	1.20mm 1.50mm 2.50mm
224-3567.040	87V95	3.445		1.358	0.9010	Aluminum	0.0011	0.500" from bottom of skirt	1.50mm 1.50mm 4.00mm
224-3569		4.360		1.760	1.0402	Hypereutectic	0.0015	0.730" from bottom of skirt	5/64" 5/64" 3/16"
224-3570.020		4.00		1.719	0.9122	Hypereutectic	0.0015	1.125" from bottom of skirt	5/64" 5/64" 3/16"
224-3571		4.050		2.120	1.0402	Hypereutectic	0.0020	0.800" from bottom of skirt	3/32" 5/64" 3/16"
224-3572		4.125		1.540	0.9273	Hypereutectic	0.0015	1.00" from bottom of skirt	5/64" 5/64" 3/16"
224-3573.030		4.250		1.627	0.9898	Hypereutectic	0.0020	0.625" from bottom of skirt	5/64" 5/64" 3/16"
224-3574		3.736		1.540	0.9273	Hypereutectic	0.0015	0.430" from bottom of skirt	5/64" 5/64" 3/16"
224-3577HA	103L21A1					Aluminum			3.00mm 2.00mm 4.00mm

# OLD CLEVITE TO NEW MAHLE CROSS REFERENCE



OLD CLEVITE	MAHLE ORIGINAL	OLD CLEVITE	MAHLE ORIGINAL	OLD CLEVITE	MAHLE ORIGINAL	OLD CLEVITE	MAHLE ORIGINAL
224-1949(6)	224-3554	224-3418.040(10)	224-3485.040	TC1670.040	224-1670.040	TC1840	224-1840
224-1949.020(6)	224-3554.020	224-3418.060(10)	224-3485.060	TC1670.060	224-1670.060	TC1840.020	224-1840.020
224-1949.030(6)	224-3554.030	224343.6	224-3563	TC1699	224-1699	TC1840.030	224-1840.030
224-1949.040(6)	224-3554.040	224-3443(6)	224-3564	TC1699.030	224-1699.030	TC1840.040	224-1840.040
224-1949.060(6)	224-3554.060	224-3443.010(6)	224-3564.010	TC1699.040	224-1699.040	TC1840.060	224-1840.060
224-2322(4)	224-3555	224-3443.020(6)	224-3564.020	TC1699.060	224-1699.060	TC1842	224-1842
224-2322.020(4)	224-3555.020	224-3443.030(6)	224-3564.030	TC1712	224-1712	TC1842.020	224-1842.020
224-2322.030(4)	224-3555.030	224-3448(4)	224-3566	TC1712.020	224-1712.020	TC1842.030	224-1842.030
224-2322.040(4)	224-3555.040	224-3448(5)	224-3565	TC1712.030	224-1712.030	TC1842.040	224-1842.040
224-2322.060(4)	224-3555.060	224-3448.010(4)	224-3566.010	TC1712.040	224-1712.040	TC1842.060	224-1842.060
224-2694(6)	224-3556	224-3448.010(5)	224-3565.010	TC1712.060	224-1712.060	TC1848	224-1848
224-2694.020(6)	224-3556.020	224-3448.020(5)	224-3565.020	TC1713	224-1713	TC1848.020	224-1848.020
224-2694.030(6)	224-3556.030	224-3448.020(4)	224-3566.020	TC1713.020	224-1713.020	TC1848.030	224-1848.030
224-2694.040(6)	224-3556.040	TC1397	224-1397	TC1713.030	224-1713.030	TC1848.040	224-1848-040
224-2694.060(6)	224-3556.060	TC1397.020	224-1397.020	TC1713.040	224-1713.040	TC1848.060	224-1848-060
224-2745(6)	224-3557	TC1397.030	224-1397.030	TC1713.060	224-1713.060	TC1849	224-1849
224-2745.020(6)	224-3557.020	TC1397.040	224-1397.040	TC1715	224-1715	TC1849.030	224-1849.030
224-2745.030(6)	224-3557.030	TC1397.060	224-1397.060	TC1715.020	224-1715.020	TC1849.040	224-1849.040
224-2745.060(6)	224-3557.060	TC1527	224-1527	TC1715.030	224-1715.030	TC1849.060	224-1849-060
224-2745.040(6)	224-3557.040	TC1527.020	224-1527.020	TC1715.040	224-1715.040	TC1850	224-1850
224-2948(6)	224-3558	TC1527.030	224-1527.030	TC1715.060	224-1715.060	TC1850.020	224-1850.020
224-2948.020(6)	224-3558.020	TC1527.040	224-1527.040	TC1737	224-1737	TC1850.030	224-1850.030
224-2948.030(6)	224-3558.030	TC1527.060	224-1527.060	TC1737.030	224-1737.030	TC1850.040	224-1850.040
224-2948.040(6)	224-3558.040	TC1529	224-1529	TC1737.040	224-1737.040	TC1850.060	224-1850.060
224-2948.060(6)	224-3558.060	TC1529.020	224-1529.020	TC1737.060	224-1737.060	TC1852	224-1852
224-3175(8)	224-3559	TC1529.030	224-1529.030	TC1740	224-1740	TC1852.020	224-1852.020
224-3175.020(8)	224-3559.020	TC1529.040	224-1529.040	TC1740.020	224-1740.020	TC1852.030	224-1852.030
224-3175.030(8)	224-3559.030	TC1529.060	224-1529.060	TC1740.030	224-1740.030	TC1852.040	224-1852.040
224-3175.040(8)	224-3559.040	TC1544	224-1544	TC1740.040	224-1740.040	TC1852.060	224-1852.060
224-3175.060(8)	224-3559.060	TC1544.020	224-1544.020	TC1740.060	224-1740.060	TC1856	224-1856
224-3402(6)	224-3560	TC1544.030	224-1544.030	TC1746	224-1746	TC1856.020	224-1856.020
224-3402.020(6)	224-3560.020	TC1544.040	224-1544.040	TC1746.030	224-1746.030	TC1856.030	224-1856.030
224-3402.030(6)	224-3560.030	TC1544.060	224-1544.060	TC1746.040	224-1746.040	TC1856.040	224-1856.040
224-3402.040(6)	224-3560.040	TC1650	224-1650	TC1746.060	224-1746.060	TC1856.060	224-1856.060
224-3402.060(6)	224-3560.060	TC1650.020	224-1650.020	TC1747.030	224-1747.030	TC1866	224-1866
224-3414(10)	224-3561	TC1650.030	224-1650.030	TC1747.040	224-1747.040	TC1866.030	224-1866.030
224-34143020(10)	224-3561.020	TC1650.040	224-1650.040	TC1749	224-1749	TC1866.040	224-1866.040
224-3414.030(10)	224-3561.030	TC1650.060	224-1650.060	TC1749.030	224-1749.030	TC1866.060	224-1866-060
224-3414.040(10)	224-3561.040	TC1658	224-1658	TC1749.040	224-1749.040	TC1869	224-1869
224-3415(4)	224-3562	TC1658.020	224-1658.020	TC1749.060	224-1749.060	TC1869.030	224-1869.030
224-3415.020(4)	224-3562.020	TC1658.030	224-1658.030	TC1831	224-1831	TC1869.040	224-1869.040
224-3415.030(4)	224-3562.030	TC1658.040	224-1658.040	TC1831.020	224-1831.020	TC1869.060	224-1869.060
224-3415.040(4)	224-3562.040	TC1658.060	224-1658.060	TC1831.030	224-1831.030	TC1870	224-1870
224-3418(10)	224-3485	TC1670	224-1670	TC1831.040	224-1831.040	TC1870.020	224-1870.020
224-3418.020(10)	224-3485.020	TC1670.020	224-1670.020	TC1831.060	224-1831.060	TC1870.030	224-1870.030
224-3418.030(10)	224-3485.030	TC1670.030	224-1670.030	TC1832	224-1832	TC1870.040	224-1870.040



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OLD CLEVITE	MAHLE ORIGINAL	OLD CLEVITE	MAHLE ORIGINAL	OLD CLEVITE	MAHLE ORIGINAL	OLD CLEVITE	MAHLE ORIGINAL
TC1870.060	224-1870.060	TC2001	224-2001	TC2108.030	224-2108.030	TC2274.040	224-2274.040
TC1882	224-1882	TC2001.020	224-2001.020	TC2108.040	224-2108.040	TC2283	224-2283
TC1882.030	224-1882.030	TC2001.030	224-2001.030	TC2108.060	224-2108.060	TC2283.020	224-2283.020
TC1882.040	224-1882.040	TC2001.040	224-2001.040	TC2120	224-2120	TC2283.030	224-2283.030
TC1882.060	224-1882.060	TC2001.060	224-2001.060	TC2120.020	224-2120.020	TC2283.040	224-2283.040
TC1885	224-1885	TC2007	224-2007	TC2120.030	224-2120.030	TC2291	224-2291
TC1885.030	224-1885.030	TC2007.020	224-2007.020	TC2120.040	224-2120.040	TC2291.020	224-2291.020
TC1885.040	224-1885.040	TC2007.030	224-2007.030	TC2130	224-2130	TC2291.030	224-2291.030
TC1885.060	224-1885.060	TC2007.040	224-2007.040	TC2130.020	224-2130.020	TC2291.040	224-2291.040
TC1889	224-1889	TC2007.060	224-2007.060	TC2130.030	224-2130.030	TC2315	224-2315
TC1889.020	224-1889.020	TC2009	224-2009	TC2130.040	224-2130.040	TC2315.020	224-2315.020
TC1889.030	224-1889.030	TC2009.030	224-2009.030	TC2130.060	224-2130.060	TC2315.030	224-2315.030
TC1889.040	224-1889.040	TC2009.040	224-2009.040	TC2141	224-2141	TC2315.040	224-2315.040
TC1889.060	224-1889.060	TC2009.060	224-2009.060	TC2141.020	224-2141.020	TC2321	224-2321
TC1894	224-1894	TC2012	224-2012	TC2141.030	224-2141.030	TC2321.020	224-2321.020
TC1894.020	224-1894.020	TC2012.020	224-2012.020	TC2141.040	224-2141.040	TC2321.030	224-2321.030
TC1894.030	224-1894.030	TC2012.030	224-2012.030	TC2141.060	224-2141.060	TC2321.040	224-2321.040
TC1894.040	224-1894.040	TC2012.040	224-2012.040	TC2158	224-2158	TC2321.060	224-2321.060
TC1895	224-1895	TC2012.060	224-2012.060	TC2158.020	224-2158.020	TC2322	224-2322
TC1895.030	224-1895.030	TC2034	224-2034	TC2158.030	224-2158.030	TC2322.020	224-2322.020
TC1895.040	224-1895.040	TC2034.020	224-2034.020	TC2158.040	224-2158.040	TC2322.030	224-2322.030
TC1916	224-1916	TC2034.030	224-2034.030	TC2158.060	224-2158.060	TC2322.040	224-2322.040
TC1916.020	224-1916.020	TC2034.040	224-2034.040	TC2185	224-2185	TC2322.060	224-2322.060
TC1916.030	224-1916.030	TC2034.060	224-2034.060	TC2185.020	224-2185.020	TC2322B	224-3555
TC1916.040	224-1916.040	TC2038	224-2038	TC2185.030	224-2185.030	TC2322B.020	224-3555.020
TC1916.060	224-1916.060	TC2038.020	224-2038.020	TC2185.040	224-2185.040	TC2322B.030	224-3555.030
TC1921	224-1921	TC2038.030	224-2038.030	TC2185.060	224-2185.060	TC2322B.040	224-3555.040
TC1921.020	224-1921.020	TC2038.040	224-2038.040	TC2190	224-2190	TC2322B.060	224-3555.060
TC1921.030	224-1921.030	TC2038.060	224-2038.060	TC2190.010	224-2190.010	TC2348	224-2348
TC1921.040	224-1921.040	TC2039	224-2039	TC2190.020	224-2190.020	TC2348.020	224-2348.020
TC1921.060	224-1921.060	TC2039.020	224-2039.020	TC2190.030	224-2190.030	TC2348.030	224-2348.030
TC1946	224-1946	TC2039.030	224-2039.030	TC2190.040	224-2190.040	TC2348.040	224-2348.040
TC1946.020	224-1946.020	TC2039.040	224-2039.040	TC2190.060	224-2190.060	TC2353	224-2353
TC1946.030	224-1946.030	TC2039.060	224-2039.060	TC2222	224-2222	TC2353.020	224-2353.020
TC1946.040	224-1946.040	TC2040	224-2040	TC2222.020	224-2222.020	TC2353.030	224-2353.030
TC1946.060	224-1946.060	TC2040.020	224-2040.020	TC2222.030	224-2222.030	TC2353.040	224-2353.040
TC1949	224-1949	TC2040.030	224-2040.030	TC2222.040	224-2222.040	TC2357	224-2357
TC1949.020	224-1949.020	TC2040.040	224-2040.040	TC2222.060	224-2222.060	TC2357.020	224-2357.020
TC1949.030	224-1949.030	TC2040.060	224-2040.060	TC2234	224-2234	TC2357.030	224-2357.030
TC1949.040	224-1949.040	TC2042	224-2042	TC2234.020	224-2234.020	TC2357.040	224-2357.040
TC1949.060	224-1949.060	TC2042.020	224-2042.020	TC2234.030	224-2234.030	TC2357.060	224-2357.060
TC1949A	224-3554	TC2042.030	224-2042.030	TC2234.040	224-2234.040	TC2511	224-2511
TC1949A.020	224-3554.020	TC2042.040	224-2042.040	TC2234.060	224-2234.060	TC2511.020	224-2511.020
TC1949A.030	224-3554.030	TC2042.060	224-2042.060	TC2274	224-2274	TC2511.030	224-2511.030
TC1949A.040	224-3554.040	TC2108	224-2108	TC2274.020	224-2274.020	TC2511.040	224-2511.040
TC1949A.060	224-3554.060	TC2108.020	224-2108.020	TC2274.030	224-2274.030	TC2511.060	224-2511.060



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OLD CLEVITE	MAHLE ORIGINAL	OLD CLEVITE	MAHLE ORIGINAL	OLD CLEVITE	MAHLE ORIGINAL	OLD CLEVITE	MAHLE ORIGINAL
TC2517	224-2517	TC2699	224-2699	TC2759	224-2759	TC2814.030	224-2814.030
TC2517.020	224-2517.020	TC2699.020	224-2699.020	TC2759.020	224-2759.020	TC2814.040	224-2814.040
TC2517.030	224-2517.030	TC2699.030	224-2699.030	TC2759.030	224-2759.030	TC2815	224-2815
TC2517.040	224-2517.040	TC2699.040	224-2699.040	TC2759.040	224-2759.040	TC2815.020	224-2815.020
TC2517.060	224-2517.060	TC2707	224-2707	TC2770	224-2770	TC2815.030	224-2815.030
TC2554	224-2554	TC2707.020	224-2707.020	TC2770.020	224-2770.020	TC2815.040	224-2815.040
TC2554.020	224-2554.020	TC2707.030	224-2707.030	TC2770.030	224-2770.030	TC2816	224-2816
TC2554.030	224-2554.030	TC2707.040	224-2707.040	TC2770.040	224-2770.040	TC2816.020	224-2816.020
TC2554.040	224-2554.040	TC2719	224-2719	TC2770.060	224-2770.060	TC2816.030	224-2816.030
TC2555	224-2555	TC2719.020	224-2719.020	TC2774	224-2774	TC2816.040	224-2816.040
TC2555.020	224-2555.020	TC2719.030	224-2719.030	TC2774.020	224-2774.020	TC2840	224-2840
TC2555.030	224-2555.030	TC2719.040	224-2719.040	TC2774.030	224-2774.030	TC2840.030	224-2840.030
TC2555.040	224-2555.040	TC2719.060	224-2719.060	TC2774.040	224-2774.040	TC2840.040	224-2840.040
TC2558	224-2558	TC2741	224-2741	TC2775	224-2775	TC2840.060	224-2840.060
TC2558.020	224-2558.020	TC2741.020	224-2741.020	TC2775.020	224-2775.020	TC2877	224-2877
TC2558.030	224-2558.030	TC2741.030	224-2741.030	TC2775.030	224-2775.030	TC2877.030	224-2877.030
TC2558.040	224-2558.040	TC2741.040	224-2741.040	TC2775.040	224-2775.040	TC2877.040	224-2877.040
TC2558.060	224-2558.060	TC2741.060	224-2741.060	TC2775.060	224-2775.060	TC2877.060	224-2877.060
TC2567	224-2567	TC2745	224-2745	TC2783	224-2783	TC2882	224-2882
TC2567.020	224-2567.020	TC2745.020	224-2745.020	TC2783.020	224-2783.020	TC2882.020	224-2882.020
TC2567.030	224-2567.030	TC2745.030	224-2745.030	TC2783.030	224-2783.030	TC2882.030	224-2882.030
TC2567.040	224-2567.040	TC2745.040	224-2745.040	TC2783.040	224-2783.040	TC2882.040	224-2882.040
TC2581	224-2581	TC2745.060	224-2745.060	TC2808	224-2808	TC2883	224-2883
TC2581.020	224-2581.020	TC2745A	224-3557	TC2808.020	224-2808.020	TC2883.020	224-2883.020
TC2581.030	224-2581.030	TC2745A.020	224-3557.020	TC2808.030	224-2808.030	TC2883.030	224-2883.030
TC2581.040	224-2581.040	TC2745A.030	224-3557.030	TC2808.040	224-2808.040	TC2883.040	224-2883.040
TC2581.060	224-2581.060	TC2745A.040	224-3557.040	TC2810	224-2810	TC2885	224-2885
TC2583	224-2583	TC2745A.060	224-3557.060	TC2810.020	224-2810.020	TC2885.020	224-2885.020
TC2583.020	224-2583.020	TC2751	224-2751	TC2810.030	224-2810.030	TC2885.030	224-2885.030
TC2583.030	224-2583.030	TC2751.030	224-2751.030	TC2810.040	224-2810.040	TC2885.040	224-2885.040
TC2583.040	224-2583.040	TC2751.040	224-2751.040	TC2810.060	224-2810.060	TC2888	224-2888
TC2587	224-2587	TC2751.060	224-2751.060	TC2811	224-2811	TC2888.020	224-2888.020
TC2587.020	224-2587.020	TC2756	224-2756	TC2811.020	224-2811.020	TC2888.030	224-2888.030
TC2587.030	224-2587.030	TC2756.020	224-2756.020	TC2811.030	224-2811.030	TC2888.040	224-2888.040
TC2587.040	224-2587.040	TC2756.030	224-2756.030	TC2811.040	224-2811.040	TC2890	224-2890
TC2587.060	224-2587.060	TC2756.040	224-2756.040	TC2812	224-2812	TC2890.020	224-2890.020
TC2694	224-2694	TC2756.060	224-2756.060	TC2812.020	224-2812.020	TC2890.030	224-2890.030
TC2694.020	224-2694.020	TC2757	224-2757	TC2812.030	224-2812.030	TC2890.040	224-2890.040
TC2694.030	224-2694.030	TC2757.020	224-2757.020	TC2812.040	224-2812.040	TC2891	224-2891
TC2694.040	224-2694.040	TC2757.030	224-2757.030	TC2813	224-2813	TC2891.020	224-2891.020
TC2694.060	224-2694.060	TC2757.040	224-2757.040	TC2813.020	224-2813.020	TC2891.030	224-2891.030
TC2694A	224-3556	TC2758	224-2758	TC2813.030	224-2813.030	TC2891.040	224-2891.040
TC2694A.020	224-3556.020	TC2758.020	224-2758.020	TC2813.040	224-2813.040	TC2891.060	224-2891.060
TC2694A.030	224-3556.030	TC2758.030	224-2758.030	TC2813.060	224-2813.060	TC2893	224-2893
TC2694A.040	224-3556.040	TC2758.040	224-2758.040	TC2814	224-2814	TC2893.020	224-2893.020
TC2694A.060	224-3556.060	TC2758.060	224-2758.060	TC2814.020	224-2814.020	TC2893.030	224-2893.030



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OLD CLEVITE	MAHLE ORIGINAL	OLD CLEVITE	MAHLE ORIGINAL	OLD CLEVITE	MAHLE ORIGINAL	OLD CLEVITE	MAHLE ORIGINAL
TC2893.040	224-2893.040	TC2946.030	224-2946.030	TC3163	224-3163	TC3405.030	224-3405.030
TC2896	224-2896	TC2946.040	224-2946.040	TC3163.020	224-3163.020	TC3405.040	224-3405.040
TC2896.020	224-2896.020	TC2948	224-2948	TC3163.030	224-3163.030	TC3406	224-3406
TC2896.030	224-2896.030	TC2948.020	224-2948.020	TC3163.040	224-3163.040	TC3406.010	224-3406.010
TC2896.040	224-2896.040	TC2948.030	224-2948.030	TC3175	224-3175	TC3406.020	224-3406.020
TC2897	224-2897	TC2948.040	224-2948.040	TC3175.020	224-3175.020	TC3406.030	224-3406.030
TC2897.020	224-2897.020	TC2948.060	224-2948.060	TC3175.030	224-3175.030	TC3406.040	224-3406.040
TC2897.030	224-2897.030	TC2948A	224-3558	TC3175.040	224-3175.040	TC3407	224-3407
TC2897.040	224-2897.040	TC2948A.020	224-3558.020	TC3175.060	224-3175.060	TC3407.020	224-3407.020
TC2904	224-2904	TC2948A.030	224-3558.030	TC3175A	224-3559	TC3407.030	224-3407.030
TC2904.030	224-2904.030	TC2948A.040	224-3558.040	TC3175A.020	224-3559.020	TC3407.040	224-3407.040
TC2904.040	224-2904.040	TC2948A.060	224-3558.060	TC3175A.030	224-3559.030	TC3408	224-3408
TC2904.060	224-2904.060	TC2975	224-2975	TC3175A.040	224-3559.040	TC3408.020	224-3408.020
TC2905	224-2905	TC2975.020	224-2975.020	TC3175A.060	224-3559.060	TC3408.030	224-3408.030
TC2905.020	224-2905.020	TC2975.040	224-2975.040	TC3180	224-3180	TC3408.040	224-3408.040
TC2905.030	224-2905.030	TC2985	224-2985	TC3180.020	224-3180.020	TC3408.060	224-3408.060
TC2905.040	224-2905.040	TC2985.020	224-2985.020	TC3180.030	224-3180.030	TC3409	224-3409
TC2907	224-2907	TC2985.040	224-2985.040	TC3180.040	224-3180.040	TC3409.020	224-3409.020
TC2907.020	224-2907.020	TC2986	224-2986	TC3180.060	224-3180.060	TC3409.030	224-3409.030
TC2907.030	224-2907.030	TC2986.020	224-2986.020	TC3181	224-3181	TC3409.040	224-3409.040
TC2907.040	224-2907.040	TC2986.040	224-2986.040	TC3181.020	224-3181.020	TC3411	224-3411
TC2908	224-2908	TC2991	224-2991	TC3181.030	224-3181.030	TC3411.020	224-3411.020
TC2908.020	224-2908.020	TC2991.010	224-2991.010	TC3181.040	224-3181.040	TC3411.030	224-3411.030
TC2908.030	224-2908.030	TC2991.020	224-2991.020	TC3401	224-3401	TC3411.040	224-3411.040
TC2908.040	224-2908.040	TC2991.030	224-2991.030	TC3401.020	224-3401.020	TC3412	224-3412
TC2909	224-2909	TC2991.040	224-2991.040	TC3401.040	224-3401.040	TC3412.020	224-3412.020
TC2909.020	224-2909.020	TC2992	224-2992	TC3402	224-3402	TC3412.030	224-3412.030
TC2909.030	224-2909.030	TC2992.020	224-2992.020	TC3402.020	224-3402.020	TC3412.040	224-3412.040
TC2909.040	224-2909.040	TC2992.030	224-2992.030	TC3402.030	224-3402.030	TC3413	224-3413
TC2916	224-2916	TC2992.040	224-2992.040	TC3402.040	224-3402.040	TC3413.020	224-3413.020
TC2916.020	224-2916.020	TC2992.060	224-2992.060	TC3402.060	224-3402.060	TC3413.030	224-3413.030
TC2916.030	224-2916.030	TC3062	224-3062	TC3402A	224-3560	TC3414	224-3414
TC2916.040	224-2916.040	TC3062.020	224-3062.020	TC3402A.020	224-3560.020	TC3414.020	224-3414.020
TC2920	224-2920	TC3062.030	224-3062.030	TC3402A.030	224-3560.030	TC3414.030	224-3414.030
TC2920.020	224-2920.020	TC3062.040	224-3062.040	TC3402A.040	224-3560.040	TC3414.040	224-3414.040
TC2920.030	224-2920.030	TC3062.060	224-3062.060	TC3402A.060	224-3560.060	TC3414A	224-3561
TC2920.040	224-2920.040	TC3065	224-3065	TC3403	224-3403	TC3414A.020	224-3561.020
TC2920.060	224-2920.060	TC3065.020	224-3065.020	TC3403.020	224-3403.020	TC3414A.030	224-3561.030
TC2938	224-2938	TC3065.030	224-3065.030	TC3403.030	224-3403.030	TC3414A.040	224-3561.040
TC2938.020	224-2938.020	TC3065.040	224-3065.040	TC3403.040	224-3403.040	TC3415	224-3415
TC2940	224-2940	TC3065.060	224-3065.060	TC3404	224-3404	TC3415.020	224-3415.020
TC2940.030	224-2940.030	TC3101	224-3101	TC3404.020	224-3404.020	TC3415.030	224-3415.030
TC2940.040	224-2940.040	TC3101.020	224-3101.020	TC3404.030	224-3404.030	TC3415.040	224-3415.040
TC2940.060	224-2940.060	TC3101.030	224-3101.030	TC3404.040	224-3404.040	TC3415A	224-3562
TC2946	224-2946	TC3101.040	224-3101.040	TC3405	224-3405	TC3415A.020	224-3562.020
TC2946.020	224-2946.020	TC3101.060	224-3101.060	TC3405.020	224-3405.020	TC3415A.030	224-3562.030



# OLD CLEVITE TO NEW MAHLE CROSS REFERENCE



OLD CLEVITE	MAHLE ORIGINAL	OLD CLEVITE	MAHLE ORIGINAL	OLD CLEVITE	MAHLE ORIGINAL	OLD CLEVITE	MAHLE ORIGINAL
TC3415A.040	224-3562.040	TC3426	224-3426	TC3439.020	224-3439.020	TC3450.020	224-3450.020
TC3416	224-3416	TC3426.020	224-3426.020	TC3440	224-3440	TC3450.040	224-3450.040
TC3416.020	224-3416.020	TC3426.030	224-3426.030	TC3440.020	224-3440.020	TC3454	224-3454
TC3416.030	224-3416.030	TC3426.040	224-3426.040	TC3440.030	224-3440.030	TC3454.020	224-3454.020
TC3416.040	224-3416.040	TC3427	224-3427	TC3440.040	224-3440.040	TC3454.030	224-3454.030
TC3417	224-3417	TC3427.020	224-3427.020	TC3441	224-3441	TC3454.040	224-3454.040
TC3417.020	224-3417.020	TC3427.030	224-3427.030	TC3441.020	224-3441.020	TC3455	224-3455
TC3417.030	224-3417.030	TC3427.040	224-3427.040	TC3441.030	224-3441.030	TC3455.020	224-3455.020
TC3417.040	224-3417.040	TC3428	224-3428	TC3441.040	224-3441.040	TC3455.030	224-3455.030
TC3418	224-3418	TC3428.020	224-3428.020	TC3442	224-3442	TC3455.040	224-3455.040
TC3418.020	224-3418.020	TC3428.030	224-3428.030	TC3442.020	224-3442.020	TC3456	224-3456
TC3418.030	224-3418.030	TC3428.040	224-3428.040	TC3443	224-3443	TC3456.020	224-3456.020
TC3418A	224-3485	TC3429	224-3429	TC3443.004	224-3443.004	TC3457	224-3457
TC3418A.020	224-3485.020	TC3429.020	224-3429.020	TC3443.010	224-3443.010	TC3457.020	224-3457.020
TC3418A.030	224-3485.030	TC3429.030	224-3429.030	TC3443.020	224-3443.020	TC3457.040	224-3457.040
TC3418A.040	224-3485.040	TC3429.040	224-3429.040	TC3443.030	224-3443.030	TC3458	224-3458
TC3418A.060	224-3485.060	TC3430	224-3430	TC3443A	224-3564	TC3458.020	224-3458.020
TC3419	224-3419	TC3430.020	224-3430.020	TC3443A.010	224-3564.010	TC3458.040	224-3458.040
TC3419.020	224-3419.020	TC3430.030	224-3430.030	TC3443A.020	224-3564.020	TC3459	224-3459
TC3419.030	224-3419.030	TC3430.040	224-3430.040	TC3443A.030	224-3564.030	TC3459.020	224-3459.020
TC3419.040	224-3419.040	TC3431	224-3431	TC3444	224-3444	TC3459.030	224-3459.030
TC3420	224-3420	TC3431.020	224-3431.020	TC3444.020	224-3444.020	TC3459.040	224-3459.040
TC3420.020	224-3420.020	TC3431.030	224-3431.030	TC3444.030	224-3444.030	TC3460	224-3460
TC3420.030	224-3420.030	TC3431.040	224-3431.040	TC3444.040	224-3444.040	TC3460.020	224-3460.020
TC3420.040	224-3420.040	TC3432	224-3432	TC3445	224-3445	TC3460.030	224-3460.030
TC3420.060	224-3420.060	TC3432.020	224-3432.020	TC3445.020	224-3445.020	TC3460.040	224-3460.040
TC3421	224-3421	TC3432.030	224-3432.030	TC3446	224-3446	TC3461	224-3461
TC3421.020	224-3421.020	TC3433	224-3433	TC3446.020	224-3446.020	TC3461.020	224-3461.020
TC3421.030	224-3421.030	TC3433.020	224-3433.020	TC3447	224-3447	TC3461.040	224-3461.040
TC3421.040	224-3421.040	TC3433.040	224-3433.040	TC3447.020	224-3447.020	TC3462	224-3462
TC3422	224-3422	TC3434	224-3434	TC3447.030	224-3447.030	TC3462.020	224-3462.020
TC3422.020	224-3422.020	TC3434.020	224-3434.020	TC3447.040	224-3447.040	TC3462.040	224-3462.040
TC3422.030	224-3422.030	TC3434.040	224-3434.040	TC3448	224-3448	TC3463	224-3463
TC3422.040	224-3422.040	TC3435	224-3435	TC3448.010	224-3448.010	TC3463.020	224-3463.020
TC3423	224-3423	TC3436	224-3563	TC3448.020	224-3448.020	TC3463.040	224-3463.040
TC3423.020	224-3423.020	TC3436	224-3436	TC3448A	224-3565	TC3464	224-3464
TC3423.030	224-3423.030	TC3437	224-3437	TC3448A.010	224-3565.010	TC3464.020	224-3464.020
TC3423.040	224-3423.040	TC3437.020	224-3437.020	TC3448A.020	224-3565.020	TC3464.030	224-3464.030
TC3424	224-3424	TC3437.030	224-3437.030	TC3448B	224-3566	TC3464.040	224-3464.040
TC3424.020	224-3424.020	TC3437.040	224-3437.040	TC3448B.010	224-3566.010	TC3464.060	224-3464.060
TC3424.030	224-3424.030	TC3437.060	224-3437.060	TC3448B.020	224-3566.020	TC3465	224-3465
TC3424.040	224-3424.040	TC3438	224-3438	TC3449	224-3449	TC3465.020	224-3465.020
TC3425	224-3425	TC3438.020	224-3438.020	TC3449.020	224-3449.020	TC3465.030	224-3465.030
TC3425.020	224-3425.020	TC3438.030	224-3438.030	TC3449.030	224-3449.030	TC3465.040	224-3465.040
TC3425.030	224-3425.030	TC3438.040	224-3438.040	TC3449.040	224-3449.040	TC3466	224-3466
TC3425.040	224-3425.040	TC3439	224-3439	TC3450	224-3450	TC3466.020	224-3466.020



# OLD CLEVITE TO NEW MAHLE CROSS REFERENCE



<b>OLD CLEVITE</b>	<b>MAHLE ORIGINAL</b>
TC3466.030	224-3466.030
TC3466.040	224-3466.040
TC3468	224-3468
TC3468.020	224-3468.020
TC3468.030	224-3468.030
TC3468.040	224-3468.040
TC3468.060	224-3468.060
TC3469	224-3469

# OLD MAHLE TO NEW MAHLE CROSS REFERENCE



OLD MAHLE	MAHLE ORIGINAL	OLD MAHLE	MAHLE ORIGINAL	OLD MAHLE	MAHLE ORIGINAL	OLD MAHLE	MAHLE ORIGINAL
011760-STD	224-3553	014990-040	224-3414.040	027071HA-040	224-3577HA.040	027481-020	224-3496.020
011760-020	224-3553.020	014990X-STD	224-3561	027150-STD	224-3483	027481-030	224-3496.030
011760-030	224-3553.030	014990X-020	224-3561.020	027150-020	224-3483.020	027481-040	224-3496.040
011760-040	224-3553.040	014990X-030	224-3561.030	027150-030	224-3483.030	027520-STD	224-3497
012151-STD	224-3453	014990X-040	224-3561.040	027150-040	224-3483.040	027520-020	224-3497.020
012151-0.25MM	224-3453.025MM	015100-STD	224-3423	027160-STD	224-3484	027520-030	224-3497.030
012151-0.50MM	224-3453.050MM	015100-020	224-3423.020	027162-STD	224-3480	027520-040	224-3497.040
014230-STD	224-3472	015100-030	224-3423.030	027162-020	224-3480.020	027521-STD	224-3498
014230-020	224-3472.020	015100-040	224-3423.040	027162-030	224-3480.030	027521-020	224-3498.020
014230-030	224-3472.030	015101-STD	224-3478	027162-040	224-3480.040	027521-030	224-3498.030
014232-STD	224-3473	015101-020	224-3478.020	027221-020	224-3486.020	027521-040	224-3498.040
014232-020	224-3473.020	015101-030	224-3478.030	027221-030	224-3486.030	027530-STD	224-3499
014232-030	224-3473.030	015101-040	224-3478.040	027221-040	224-3486.040	027530-020	224-3499.020
014232-040	224-3473.040	015101-060	224-3478.060	027240-STD	224-3487	027530-030	224-3499.030
014232-060	224-3473.060	015110-STD	224-3422	027240-020	224-3487.020	027530-040	224-3499.040
014440-STD	224-3474	015110-020	224-3422.020	027240-030	224-3487.030	027531-STD	224-3500
014440-020	224-3474.020	015110-030	224-3422.030	027240-040	224-3487.040	027531-020	224-3500.020
014440-030	224-3474.030	015110-040	224-3422.040	027250-STD	224-3488	027531-030	224-3500.030
014440-040	224-3474.040	015120-STD	224-3479	027250-020	224-3488.020	027531-040	224-3500.040
014531WR-STD	224-3475	015120-004	224-3479.010MM	027250-030	224-3488.030	144050-STD	224-3454
014531WR-020	224-3475.020	015120-010	224-3479.025MM	027250-040	224-3488.040	144050-020	224-3454.020
014531WR-040	224-3475.040	015120-020	224-3479.050MM	027252-STD	224-3489	144050-030	224-3454.030
014560WR-STD	224-3551WR	015580-STD	224-3413	027252-020	224-3489.020	144050-040	224-3454.040
014560WR-0.50MM	224-3551WR.050MM	015580-020	224-3413.020	027252-030	224-3489.030	144051-STD	224-3455
014560WR-1.00MM	224-3551WR.100MM	015580-030	224-3413.030	027252-040	224-3489.040	144051-020	224-3455.020
014660-STD	224-2975	015590-STD	224-3418	027260-STD	224-3490	144051-030	224-3455.030
014660-020	224-2975.020	015590-020	224-3418.020	027260-020	224-3490.020	144051-040	224-3455.040
014660-030	224-2975.030	015590-030	224-3418.030	027260-030	224-3490.030	144061-STD	224-3504
014660-040	224-2975.040	015590X-STD	224-3485	027260-040	224-3490.040	144110-STD	224-3505
014670-STD	224-3430	015590X-020	224-3485.020	027262-STD	224-3491	144110-020	224-3505.020
014670-020	224-3430.020	015590X-030	224-3485.030	027262-020	224-3491.020	144110-030	224-3505.030
014670-030	224-3430.030	027010HA-STD	224-2897	027262-030	224-3491.030	144110-040	224-3505.040
014670-040	224-3430.040	027010HA-020	224-2897.020	027262-040	224-3491.040	144111-STD	224-2190
014950-STD	224-3442	027010HA-030	224-2897.030	027262-060	224-3491.060	144111-020	224-2190.020
014950-020	224-3442.020	027010HA-040	224-2897.040	027270-STD	224-3492	144111-030	224-2190.030
014960-STD	224-3417	027011HA-STD	224-3403	027270-020	224-3492.020	144111-040	224-2190.040
014960-020	224-3417.020	027011HA-020	224-3403.020	027270-030	224-3492.030	144170-STD	224-3508
014960-030	224-3417.030	027011HA-030	224-3403.030	027270-040	224-3492.040	144170-020	224-3508.020
014960-040	224-3417.040	027011HA-040	224-3403.040	027271-STD	224-3493	144170-030	224-3508.030
014970-STD	224-3550	027070HA-STD	2243482HA	027271-020	224-3493.020	144170-040	224-3508.040
014970-020	224-3550-020	027070HA-020	224-3482HA.020	027271-030	224-3493.030	144171-STD	224-2908
014970-030	224-3550.030	027070HA-030	224-3482HA.030	027271-040	224-3493.040	144171-020	224-2908.020
014970-040	224-3550.040	027070HA-040	224-3482HA.040	027480-STD	224-2185	144171-030	224-2908.030
014990-STD	224-3414	027071HA-STD	224-3577HA	027480-020	224-2185.020	144171-040	224-2908.040
014990-020	224-3414.020	027071HA-020	224-3577HA.020	027480-030	224-2185.030	144171HA-STD	224-3509HA
014990-030	224-3414.030	027071HA-030	224-3577HA.030	027480-040	224-2185.040	144171HA-STD	224-3509HA



# OLD MAHLE TO NEW MAHLE CROSS REFERENCE



OLD MAHLE	MAHLE ORIGINAL	OLD MAHLE	MAHLE ORIGINAL	OLD MAHLE	MAHLE ORIGINAL
144171HA-020	224-3509HA.020	513460-030	224-3549.075MM	599831-STD	224-3544
144171HA-020	224-3509HA.020	513460-040	224-3549.100MM	599831-020	224-3544.020
144171HA-030	224-3509HA.030	513720-STD	224-3532	599831-030	224-3544.030
144171HA-030	224-3509HA.030	513720-010	224-3532.025MM	599831-040	2243544.040
144171HA-040	224-3509HA.040	513720-020	224-3532.050MM	599831-060	224-3544.060
144171HA-040	224-3509HA.040	513720-030	224-3532.075MM	599831C-STD	224-3543
144172-030	224-3510.030	513720-040	224-3532.100MM	599831C-020	224-3543.020
144180HA-STD	224-3511HA	513730-STD	224-3533	599831C-030	224-3543-030
144180HA-020	224-3511HA.020	513730-010	224-3533.025MM	599831C-040	224-3543-040
144180HA-030	224-3511HA.030	513730-020	224-3533.050MM	599831C-060	224-3543-060
144180HA-040	224-3511HA.040	513730-030	224-3533.075MM	599861-STD	224-3545
144181HA-STD	224-3512HA	513730-040	224-3533.100MM	599861-0.10MM	224-3545.010MM
144181HA-020	224-3512HA.020	513840-STD	224-3534	599861-0.25MM	224-3545.025MM
144181HA-030	224-3512HA.030	513840-004	224-3534.010MM	599861-0.50MM	224-3545.050MM
144181HA-040	224-3512HA.040	513840-020	224-3534-050MM	599871-STD	224-3448
144200-STD	224-3163	513850-STD	224-3439	599871-0.25MM	224-3448.010
144200-020	224-3163.020	513850-0.10MM	224-3439.004	599911-STD	224-3548
144200-030	224-3163.030	513850-0.25MM	224-3439.010	599911-020	224-3548.020
144200-040	224-3163.040	513850-0.50MM	224-3439.020	599911-030	224-3548.030
144201-STD	224-3409	513901-STD	224-3449	599911-040	224-3548.040
144201-020	224-3409.020	513901-0.50MM	224-3449.020	599911C-060	224-3547.060
144201-030	224-3409.030	513901-0.75MM	224-3449.030		
144201-040	224-3409.040	513901-1.00MM	224-3449.040		
286150-020	224-3355.020	599161-STD	224-3535		
286150-040	224-3355.040	599161-020	224-3535.050MM		
513130-040	224-3567.040	599161-030	224-3535.075MM		
513140-STD	224-3530	599161-040	224-3535.100MM		
513290-STD	224-3531	599171-STD	224-3536		
513290-010	224-3531.025MM	599171-020	224-3536.050MM		
513290-020	224-3531.050MM	599171-030	224-3536.075MM		
513290-030	224-3531.075MM	599171-040	224-3536.100MM		
513290-040	224-3531.100MM	599711-STD	224-3538		
513420-STD	224-3443	599711-020	224-3538.050MM		
513420-004	224-3443.004	599711-030	224-3538.075MM		
513420-010	224-3443.010	599711-040	224-3538.100MM		
513420-020	224-3443.020	599760WR-STD	224-3539WR		
513420-030	224-3443.030	599761-STD	224-3540		
513420-040	224-3443.040	599761-0.25MM	224-3540.025MM		
513420A-STD	224-3564	599810-STD	224-3447		
513420A-010	224-3564.010	599810-030	224-3447.030		
513420A-020	224-3564.020	599820-STD	224-3541		
513420A-030	224-3564.030	599820-020	224-3541.050MM		
513460-STD	224-3549	599820-030	224-3541.075MM		
513460-004	224-3549.010MM	599820-040	224-3541.100MM		
513460-010	224-3549.025MM	599821-030	224-3542.075MM		
513460-020	224-3549.050MM	599821-040	224-3542.100MM		

# SEALED POWER INTERCHANGE



SEALED POWER	MAHLE ORIGINAL	SEALED POWER	MAHLE ORIGINAL	SEALED POWER	MAHLE ORIGINAL	SEALED POWER	MAHLE ORIGINAL
1003P80	224-2742.080	2351P.030	224-1842.030	285NP	224-2007	362NP40	224-2234.040
1009P	224-2840	2351P.040	224-1842.040	285NP20	224-2007.020	362NP60	224-2234.060
1009P30	224-2840.030	2356P.030	224-2234.030	285NP30	224-2007.030	362P60	224-2234.060
1009P40	224-2840.040	2356P.040	224-2234.040	285NP40	224-2007.040	366NP	224-1699
1009P60	224-2840.060	235P	224-1544	285NP60	224-2007.060	366NP30	224-1699.030
1022P	224-2904	235P20	224-1544.020	295AP	224-1737	366NP40	224-1699.040
1022P30	224-2904.030	235P30	224-1544.030	295AP30	224-1737.030	366NP60	224-1699.060
1022P40	224-2904.040	235P40	224-1544.040	295AP40	224-1737.040	369P30	224-1747.030
1022P60	224-2904.060	235P60	224-1544.060	295AP60	224-1737.060	369P40	224-1747.040
1080P20	224-1563.020	2372P.030	224-1840.030	3012P.030	224-2511.030	37P	224-2751
1080P30	224-1563.030	2372P.040	224-1840.040	3012P.040	224-2511.040	37P30	224-2751.030
1080P40	224-1563.040	244NP	224-1397	3018P.040	224-2583.040	37P40	224-2751.040
1080P60	224-1563.060	244NP20	224-1397.020	3020P.020	224-2567.020	37P60	224-2751.060
12208P	224-3178	244NP30	224-1397.030	3025P.020	224-2707.020	381P	224-1831
12221P	224-2719	244NP40	224-1397.040	3025P.040	224-2707.040	381P20	224-1831.020
12221P100MM	224-2719.040	244NP60	224-1397.060	310P	224-1527	381P30	224-1831.030
12221P150MM	224-2719.060	2510P.030	224-2040.030	310P20	224-1527.020	381P40	224-1831.040
12221P50MM	224-2719.020	2532P.030	224-2012.030	310P30	224-1527.030	381P60	224-1831.060
12221P75MM	224-2719.030	2559P.020	224-2108.020	310P40	224-1527.040	392AP	224-1848
12326P	224-2291	2559P.040	224-2108.040	310P60	224-1527.060	392AP20	224-1848.020
12326P100MM	224-2291.040	2652PN.020	224-2190.020	329NP	224-1882	392AP30	224-1848.030
12326P50MM	224-2291.020	2652PN.030	224-2190.030	329NP30	224-1882.030	400NP	224-1852
12326P75MM	224-2291.030	2652PN.040	224-2190.040	329NP40	224-1882.040	400NP20	224-1852.020
12886P	224-2315	2660P.030	224-2321.030	329NP60	224-1882.060	400NP30	224-1852.030
12886P100MM	224-2315.040	272AP	224-1916	332AP	224-1740	400NP40	224-1852.040
12886P50MM	224-2315.020	272AP.030	224-1916.030	332AP20	224-1740.020	400NP60	224-1852.060
12886P75MM	224-2315.030	272AP.040	224-1916.040	332AP30	224-1740.030	403P	224-1658
12895P	224-2938	272AP.060	224-1916.060	332AP40	224-1740.040	403P030	224-1658.030
12895P100MM	224-2938.040	272AP20	224-1916.020	332AP60	224-1740.060	403P20	224-1658.020
12895P50MM	224-2938.020	272AP30	224-1916.030	336P	224-1832	403P30	224-1658.030
12895P75MM	224-2938.030	272AP40	224-1916.040	344P	224-1746	403P40	224-1658.040
1317P.030	224-2756.030	272AP60	224-1916.060	344P30	224-1746.030	403P60	224-1658.060
1317P.040	224-2756.040	273AP	224-2108	344P40	224-1746.040	405P	224-1850
1317P.060	224-2756.060	273AP030	224-2108.030	344P60	224-1746.060	405P20	224-1850.020
1791PX.030	224-2904.030	273AP20	224-2108.020	345NP	224-2770	405P30	224-1850.030
1791PX.040	224-2904.040	273AP30	224-2108.030	345NP20	224-2770.020	405P40	224-1850.040
1791PX.060	224-2904.060	273AP40	224-2108.040	345NP30	224-2770.030	405P60	224-1850.060
2013PX.030	224-1544.030	273AP60	224-2108.060	345NP40	224-2770.040	406AP	224-1866
2013PX.040	224-1544.040	2745PN20	224-2908.020	345NP60	224-2770.060	406AP30	224-1866.030
2013PX.060	224-1544.060	2745PN30	224-2908.030	357P	224-1749	406AP40	224-1866.040
2061P.030	224-1529.030	2745PN40	224-2908.040	357P30	224-1749.030	411NP	224-1670
2221PX.040	224-1713.040	275P	224-1650	357P40	224-1749.040	411NP30	224-1670.030
2254P.030	224-1882.030	275P20	224-1650.020	357P60	224-1749.060	411NP40	224-1670.040
2254P.040	224-1882.040	275P30	224-1650.030	362NP	224-2234	411NP60	224-1670.060
2254P.060	224-1882.060	275P40	224-1650.040	362NP20	224-2234.020	412P	224-2940
2341P.030	224-1869.030	275P60	224-1650.060	362NP30	224-2234.030	412P30	224-2940.030



# SEALED POWER INTERCHANGE



SEALED POWER	MAHLE ORIGINAL	SEALED POWER	MAHLE ORIGINAL	SEALED POWER	MAHLE ORIGINAL	SEALED POWER	MAHLE ORIGINAL
412P40	224-2940.040	451P60	224-2001.060	475NP60	224-2042.060	569P	224-2774
412P60	224-2940.060	454NP	224-2012	489P	224-2283	569P100MM	224-2774.040
413NP	224-1869	454NP030	224-2012.030	489P20	224-2283.020	569P50MM	224-2774.020
413NP30	224-1869.030	454NP20	224-2012.020	489P30	224-2283.030	569P75MM	224-2774.030
413NP40	224-1869.040	454NP30	224-2012.030	489P40	224-2283.040	642P	224-2130
413NP60	224-1869.060	454NP40	224-2012.040	495P	224-3065	657P	224-1949
417NP	224-1849	454NP60	224-2012.060	495P20	224-3065.020	657P20	224-1949.020
417NP30	224-1849.030	456P	224-1715	495P30	224-3065.030	657P30	224-1949.030
417NP40	224-1849.040	456P20	224-1715.020	495P40	224-3065.040	657P40	224-1949.040
423NP	224-2694	456P30	224-1715.030	498NP	224-2141	657P60	224-1949.060
423NP20	224-2694.020	456P40	224-1715.040	498NP20	224-2141.020	6-678P	224-2946
423NP30	224-2694.030	456P60	224-1715.060	498NP30	224-2141.030	677P	224-2322
423NP40	224-2694.040	457P20	224-2034.020	498NP40	224-2141.040	708P.030	224-2120.030
423NP60	224-2694.060	457P30	224-2034.030	516P	224-2357	708P.040	224-2120.040
423NP80	224-2694.080	457P40	224-2034.040	516P100MM	224-2357.040	8106P.030	224-1529.030
424P	224-2009	457P60	224-2034.060	516P150MM	224-2357.060	8120P.030	224-1650.030
424P30	224-2009.030	460P	224-2877	516P50MM	224-2357.020	8120P.040	224-1650.040
424P40	224-2009.040	460P30	224-2877.030	516P75MM	224-2357.030	8120P.060	224-1650.060
424P60	224-2009.060	460P40	224-2877.040	517P	224-2587	8131P.040	224-1713.040
425P	224-1921	460P60	224-2877.060	517P20	224-2587.020	8139P.030	224-1831.030
425P20	224-1921.020	463P	224-2040	517P30	224-2587.030	8139P.040	224-1831.040
425P30	224-1921.030	463P030	224-2040.030	517P40	224-2587.040	8143P.060	224-1856.060
425P40	224-1921.040	463P20	224-2040.020	517P60	224-2587.060	8157P.040	224-1916.040
425P60	224-1921.060	463P30	224-2040.030	520P	224-2699	8157P.060	224-1916.060
426NP	224-1870	463P40	224-2040.040	520P100MM	224-2699.040	8158P.030	224-2040.030
426NP20	224-1870.020	463P60	224-2040.060	520P50MM	224-2699.020	8158P.040	224-2040.040
426NP30	224-3573.030	464P	224-2130	520P75MM	224-2699.030	8158P.060	224-2040.060
426NP30	224-1870.030	464P100MM	224-2130.040	525P	224-2322	8159P.030	224-1921.030
426NP40	224-1870.040	464P150MM	224-2130.060	525P20	224-2322.020	8159P.060	224-1921.060
426NP60	224-1870.060	464P50MM	224-2130.020	525P30	224-2322.030	8160P.030	224-1840.030
427P	224-1840	464P75MM	224-2130.030	525P40	224-2322.040	8160P.040	224-1840.040
427P030	224-1840.030	466P	224-2038	525P60	224-2322.060	8160P.060	224-1840.060
427P20	224-1840.020	466P20	224-2038.020	527P	224-2348	8163P.030	224-1946.030
427P30	224-1840.030	466P30	224-2038.030	527P100MM	224-2348.040	8163P.040	224-1946.040
427P40	224-1840.040	466P40	224-2038.040	527P50MM	224-2348.020	8167P.030	224-2001.030
427P60	224-1840.060	466P60	224-2038.060	527P75MM	224-2348.030	8167P.060	224-2001.060
450NP	224-1949	470NP	224-2158	534NP	224-2222	8171P.030	224-2040.030
450NP20	224-1949.020	470NP20	224-2158.020	534NP20	224-2222.020	8177P.020	224-2108.020
450NP30	224-1949.030	470NP30	224-2158.030	534NP30	224-2222.030	8177P.030	224-2108.030
450NP40	224-1949.040	470NP40	224-2158.040	534NP40	224-2222.040	8177P.040	224-2108.040
450NP60	224-1949.060	470NP60	224-2158.060	534NP60	224-2222.060	817P	224-3420
451P	224-2001	474P150MM	224-2125.060	536NP	224-2558	817P20	224-3420.020
451P030	224-2001.030	475NP	224-2042	536NP20	224-2558.020	817P30	224-3420.030
451P20	224-2001.020	475NP20	224-2042.020	536NP30	224-2558.030	817P40	224-3420.040
451P30	224-2001.030	475NP30	224-2042.030	536NP40	224-2558.040	817P60	224-3420.060
451P40	224-2001.040	475NP40	224-2042.040	536NP60	224-2558.060	8250P.030	224-1397.030

# SEALED POWER INTERCHANGE



SEALED POWER	MAHLE ORIGINAL	SEALED POWER	MAHLE ORIGINAL	SEALED POWER	MAHLE ORIGINAL	SEALED POWER	MAHLE ORIGINAL
8250P.040	224-1397.040	9047P.040	224-2234.040	H345NCP60	224-3547.060	H519P60	224-2581.060
8250P.060	224-1397.060	9120P.020	224-2587.020	H345NP	224-2511	H523P	224-2555
8266P.030	224-2007.030	9120P.040	224-2587.040	H345NP	224-3548	H523P100MM	224-2555.040
8266P.040	224-2007.040	9125P.030	224-2581.030	H345NP20	224-2511.020	H523P50MM	224-2555.020
8266P.060	224-2007.060	9128P.020	224-2558.020	H345NP20	224-3548.020	H523P75MM	224-2555.030
8271P.030	224-1699.030	9128P.030	224-2558.030	H345NP30	224-2511.030	H529P	224-2554
8276P.030	224-2009.030	9128P.040	224-2558.040	H345NP30	224-3548.030	H529P100MM	224-2554.040
8279P.030	224-1850.030	9128P.060	224-2558.060	H345NP40	224-3548.040	H529P50MM	224-2554.020
8279P.040	224-1850.040	9132P.020	224-2699.020	H345NP40	224-2511.040	H529P75MM	224-2554.030
8279P.060	224-1850.060	9132P.030	224-2699.030	H345NP60	224-3548.060	H534CP	224-3574
836P	224-3434	9132P.040	224-2699.040	H345NP60	224-2511.060	H534CP30	224-3574.030
836P1.00MM	224-3434.040	9133P.020	224-2554.020	H400CO40	224-3572.040	H534CP40	224-3574.040
836P.50MM	224-3434.020	9133P.030	224-2554.030	H400CP	224-3572	H534P	224-2583
8412P.030	224-1544.030	9133P.040	224-2554.040	H400CP20	224-3572.020	H534P20	224-2583.020
8412P.040	224-1544.040	9137P.020	224-2291.020	H400CP30	224-3572.030	H534P30	224-2583.030
8412P.060	224-1544.060	9137P.040	224-2291.040	H418CP	224-3569	H534P40	224-2583.040
8423P.030	224-1527.030	9144P.020	224-2719.020	H418CP20	224-3569.020	H547P	224-2567
8423P.040	224-1527.040	9144P.030	224-2719.030	H418CP30	224-3569.030	H547P20	224-2567.020
8423P.060	224-1527.060	9144P.040	224-2719.040	H423NCP	224-3543	H547P30	224-2567.030
8438P.030	224-1737.030	9146P.020	224-2517.020	H423NCP20	224-3543.020	H547P40	224-2567.040
8438P.040	224-1737.040	9146P.030	224-2517.030	H423NCP30	224-3543-030	H558P	224-2759
8443P.040	224-1852.040	9146P.040	224-2517.040	H423NCP40	224-3543-040	H558P100MM	224-2759.040
8446P.030	224-1658.030	9149PL.020	224-2946.020	H423NCP60	224-3543-060	H558P50MM	224-2759.020
8446P.040	224-1658.040	9149PL.030	224-2946.030	H423NP	224-2948	H558P75MM	224-2759.030
8446P.060	224-1658.060	9149PL.040	224-2946.040	H423NP	224-3544	H562CP	224-2758
8449P.030	224-2012.030	9149PR.020	224-2946.020	H423NP20	224-3544.020	H562CP100MM	224-2758.040
8520P.030	224-1749.030	9149PR.030	224-2946.030	H423NP20	224-2948.020	H562CP150MM	224-2758.060
8526P.030	224-1670.030	9149PR.040	224-2946.040	H423NP30	224-3544.030	H562CP50MM	224-2758.020
8526P.040	224-1670.040	951P	224-1885	H423NP30	224-2948.030	H562CP75MM	224-2758.030
88NP	224-2756	980P	224-1889	H423NP40	2243544.040	H570P	224-2812
88NP20	224-2756.020	992P	224-1895	H423NP40	224-2948.040	H570P100MM	224-2812.040
88NP30	224-2756.030	992P30	224-1895.030	H423NP60	224-3544.060	H570P50MM	224-2812.020
88NP40	224-2756.040	992P40	224-1895.040	H423NP60	224-2948.060	H570P75MM	224-2812.030
88NP60	224-2756.060	H273CP	224-2992	H435P	224-1946	H580P	224-2745
9002P.030	224-1740.030	H273CP20	224-2992.020	H435P20	224-1946.020	H580P20	224-2745.020
9002P.040	224-1740.040	H273CP30	224-2992.030	H435P30	224-1946.030	H580P30	224-2745.030
9003P.030	224-2141.030	H273CP40	224-2992.040	H435P40	224-1946.040	H580P40	224-2745.040
9018PN	224-1895.030	H273CP60	224-2992.060	H435P60	224-1946.060	H580P60	224-2745.060
9018PN	224-1895.040	H336CP20	224-3570.020	H497P	224-2353	H587P	224-2185
9018PN.030	224-1895.030	H336CP30	224-3570.030	H497P100MM	224-2353.040	H587P100MM	224-2185.040
9018PN.040	224-1895.040	H336CP40	224-3570.040	H497P50MM	224-2353.020	H587P150MM	224-2185.060
9025PN	224-1894.040	H336CP60	224-3570.060	H497P75MM	224-2353.030	H587P50MM	224-2185.020
9035P.020	224-2291.020	H345NCP	224-3547	H519P	224-2581	H587P75MM	224-2185.030
9042P.030	224-2158.030	H345NCP20	224-3547.020	H519P20	224-2581.020	H591CP	224-3417
9042P.040	224-2158.040	H345NCP30	224-3547.030	H519P30	224-2581.030	H591CP	224-2882
9047P.030	224-2234.030	H345NCP40	224-3547.040	H519P40	224-2581.040	H591CP100MM	224-3417.040



# SEALED POWER INTERCHANGE



SEALED POWER	MAHLE ORIGINAL	SEALED POWER	MAHLE ORIGINAL	SEALED POWER	MAHLE ORIGINAL	SEALED POWER	MAHLE ORIGINAL
H591CP100MM	224-2882.040	H696P20	224-3437.020	H815P40	224-3402.040	H849CP50MM	224-3466.020
H591CP50MM	224-3417.020	H696P30	224-3437.030	H815P60	224-3402.060	H849CP75MM	224-3466.030
H591CP50MM	224-2882.020	H696P40	224-3437.040	H819CP	224-3468	H851CP	224-3459
H591CP75MM	224-3417.030	H696P60	224-3437.060	H819CP20	224-3468.020	H851CP.100MM	224-3459.040
H591CP75MM	224-2882.030	H697CP	224-2885	H819CP30	224-3468.030	H851CP.50MM	224-3459.020
H597P	224-2810	H699P	224-3402	H819CP40	224-3468.040	H851CP.75MM	224-3459.030
H597P20	224-2810.020	H699P	224-3175	H819CP60	224-3468.060	H855CP	224-3424
H597P30	224-2810.030	H699P20	224-3175.020	H820CP	224-3419	H855CP100MM	224-3424.040
H597P40	224-2810.040	H699P20	224-3402.020	H820CP100MM	224-3419.040	H855CP50MM	224-3424.020
H597P60	224-2810.060	H699P30	224-3175.030	H820CP50MM	224-3419.020	H855CP75MM	224-3424.030
H606P	224-2813	H699P30	224-3402.030	H820CP75MM	224-3419.030	H856CP	224-3425
H606P20	224-2813.020	H699P40	224-3402.040	H822CP	224-3415	H856CP100MM	224-3425.040
H606P30	224-2813.030	H699P40	224-3175.040	H822CP20	224-3415.020	H856CP50MM	224-3425.020
H606P40	224-2813.040	H699P60	224-3402.060	H822CP30	224-3415.030	H856CP75MM	224-3425.030
H606P60	224-2813.060	H699P60	224-3175.060	H822CP40	224-3415.040	H857CP	224-3426
H612P	224-2891	H707P30	224-3571.030	H829CP	224-3414	H857CP100MM	224-3426.040
H614CP	224-3416	H707P40	224-3571.040	H829CP100MM	224-3414.040	H857CP50MM	224-3426.020
H614CP100MM	224-3416.040	H707P60	224-3571.060	H829CP50MM	224-3414.020	H857CP75MM	224-3426.030
H614CP50MM	224-3416.020	H721P	224-3101	H829CP75MM	224-3414.030	H862CP	224-3406
H614CP75MM	224-3416.030	H727CP	224-2775	H837P	224-3181	H862CP100MM	224-3406.040
H621P20	224-2891.020	H727CP20	224-2775.020	H837P100MM	224-3181.040	H862CP50MM	224-3406.020
H621P30	224-2891.030	H727CP30	224-2775.030	H837P50MM	224-3181.020	H862CP75MM	224-3406.030
H621P40	224-2891.040	H727CP40	224-2775.040	H837P75MM	224-3181.030	H864CP	224-3413
H621P60	224-2891.060	H727CP60	224-2775.060	H840P	224-3407	H864CP50MM	224-3413.020
H622P	224-2888	H729CP	224-3505	H842CP	224-3440	H864CP75MM	224-3413.030
H622P100MM	224-2888.040	H729CP20	224-3505.020	H842CP100MM	224-3440.040	H872CP	224-3430
H622P50MM	224-2888.020	H729CP30	224-3505.030	H842CP50MM	224-3440.020	H872CP100MM	224-3430.040
H622P75MM	224-2888.030	H729CP40	224-3505.040	H842CP75	224-3440.030	H872CP50MM	224-3430.020
H643P30	224-2583.030	H749CP	224-3464	H843CP	224-3423	H872CP75MM	224-3430.030
H645NP	224-2948	H749CP20	224-3464.020	H843CP100MM	224-3423.040	H883CP	224-3443
H661CP30	224-3573.030	H749CP30	224-3464.030	H843CP50MM	224-3423.020	H883CP.25MM	224-3443.010
H661CP40	224-3573.040	H749CP40	224-3464.040	H843CP75MM	224-3423.030	H883CP50MM	224-3443.020
H662CP	224-3428	H749CP60	224-3464.060	H845CP	224-3441	H883CP75MM	224-3443.030
H662CP100MM	224-3428.040	H802CP	224-3415	H845CP100MM	224-3441.040	H886CP	224-3418
H662CP50MM	224-3428.020	H802CP20	224-3415.020	H845CP50MM	224-3441.020	H886CP30	224-3418.030
H662CP75MM	224-3428.030	H802CP30	224-3415.030	H845CP75MM	224-3441.030		
H663CP	224-3431	H802CP40	224-3415.040	H847CP	224-3412		
H663CP100MM	224-3431.040	H809CP	224-3411	H847CP100MM	224-3412.040		
H663CP50MM	224-3431.020	H814P	224-3408	H847CP50MM	224-3412.020		
H663CP75MM	224-3431.030	H814P20	224-3408.020	H847CP75MM	224-3412.030		
H667P	224-3422	H814P30	224-3408.030	H848CP	224-3429		
H667P100MM	224-3422.040	H814P40	224-3408.040	H848CP100MM	224-3429.040		
H667P50MM	224-3422.020	H814P60	224-3408.060	H848CP50MM	224-3429.020		
H667P75MM	224-3422.030	H815P	224-3402	H848CP75MM	224-3429.030		
H689CP	224-3436	H815P20	224-3402.020	H849CP	224-3466		
H696P	224-3437	H815P30	224-3402.030	H849CP100MM	224-3466.040		

# SILVOLITE INTERCHANGE



SILVOLITE	MAHLE ORIGINAL	SILVOLITE	MAHLE ORIGINAL	SILVOLITE	MAHLE ORIGINAL	SILVOLITE	MAHLE ORIGINAL
1058 080	224-2742.080	1434	224-2940	1745H.75MM	224-3407.030	3229.5mm	224-3405.020
1072	224-2904	1436	224-2770	1747H	224-3421	3229.75mm	224-3405.030
1106	224-1529	1438	224-1737	1902HC	224-3441	3235HC	224-3406
1120	224-1650	1443	224-1852	2225	224-2234	3237HC	224-3436
1130	224-1712	1443HC	224-3572	2226	224-1715	3238HC	224-3415
1131	224-1713	1443HC 020	224-3572.020	2227	224-2158	3238HC.020	224-3415.020
1136	224-1882	1443HC030	224-3572.030	2228	224-2322	3238HC.030	224-3415.030
1139	224-1831	1443HC 040	224-3572.040	2606	224-2756	3238HC.040	224-3415.040
1143	224-1856	1446	224-1658	3119	224-2554	3241HC	224-3415
1143HC	224-3569	1448	224-1870	3128	224-2555	3241HC.020	224-3415.020
1143HC 030	224-3569.030	1448HC030	224-3573.030	3133H	224-2813	3241HC.030	224-3415.030
1144	224-1832	1448HC 040	224-3573.040	3134.020	224-2812.020	3241HC.040	224-3415.040
1144HC 020	224-3570.020	1449	224-2012	3134.030	224-2812.030	3245C	224-3444
1144HC 060	224-3570.060	1456	224-2042	3134.040	224-2812.040	3401D	224-2741
1147HC 030	224-3570.030	1463	224-2130	3136	224-1842	3411H	224-3175
1157	224-1916	1466	224-2222	3151H	224-3422	3413	224-1885
1159	224-1921	1467D	224-2185	3155H	224-3423	3420	224-2896
1160	224-1840	1470	224-2694	3156H	224-2812	3422	224-2916
1161	224-1869	1478	224-2357	3157H	224-2891	3436D	224-2897
1163	224-1946	1482HC	224-3574	3160HC	224-3414	3436D1.0MM	224-2897.040
1167	224-2001	1482HC 030	224-3574.030	3167HC	224-3429	3439HC	224-3412
1170	224-2039	1482HC 040	224-3574.040	3175HC	224-3438	3449D	224-3403
1171	224-2040	1486	224-2758	3179HC	224-3416	3451H	224-3402
1173H 030	224-3571.030	1487	224-2745	3182HC	224-3428	3459C	224-3411
1173H 040	224-3571.040	1488	224-2774	3184HC	224-3431	4529	224-1563
1173H 060	224-3571.060	1493	224-2558	3184HC100MM	224-3431.040	7058D	224-1895
1175D	224-2120	1496	224-2757	3184HC50MM	224-3431.020	7058D.030	224-1895.030
1177	224-2108	1520	224-1749	3184HC75MM	224-3431.030	7058D.040	224-1895.040
1184	224-2274	1525	224-1849	3201L	224-2946	7082D	224-1894.030
1185	224-2283	1526	224-1670	3201LR	224-2946	7082D	224-1894
1195	224-2587	1527	224-2034	3209	224-2814	7082D	224-1894.040
1199	224-2699	1532	224-2141	3211C	224-2783	7082D.020	224-1894.020
1250	224-1397	1537	224-2811	3212	224-2815	7096D	224-2190
1266	224-2007	1537020	224-2811.020	3212.020	224-2815.020	7096D030	224-3505-030
1271	224-1699	1537030	224-2811.030	3212.030	224-2815.030	7098D	224-2908
1274	224-1866	1537040	224-2811.040	3212.040	224-2815.040	9053	224-2291
1276	224-2009	1630	224-1746	3216	224-2893	9069LR	224-2816
1279	224-1850	1633	224-1740	3221	224-2909	9070	224-2315
1280	224-2751	1635	224-2038	3222	224-2907	90831.00MM	224-3434.040
1288	224-3178	1730	224-1848	3222	224-3476	9083.50MM	224-3434.020
1293	224-2348	1731	224-1949	3222020	2243476.020	H1144HC 040	224-3570.040
1412	224-1544	1738	224-2759	3222030	224-3476.030	H1193	224-2353
1413	224-2840	1744	224-2888	3222040	224-3476.040	H1476	224-2948
1423	224-1527	1745H	224-3407	3225	224-2905	H1479	224-2511
1429	224-1889	1745H.1.00MM	224-3407.040	3229	224-3405	H1482	224-2583
1433	224-2877	1745H.50MM	224-3407.020	32291.0mm	224-3405.040	H1489	224-2810



# SILVOLITE INTERCHANGE

**MAHLE**

<b>SILVOLITE</b>	<b>MAHLE ORIGINAL</b>
H1489020	224-2810.020
H1489030	224-2810.030
H1489040	224-2810.040
H1489060	224-2810.060
H1533	224-2567
H1901	224-2890
H3101	224-2992
H3118	224-2581
H3403	224-2707
H3408	224-2775
H3416	224-2920
HT1491	224-2321

# SILVOLITE INTERCHANGE

**MAHLE**

<b>SILVOLITE</b>	<b>MAHLE ORIGINAL</b>
H1489	224-2810
H1489020	224-2810.020
H1489030	224-2810.030
H1489040	224-2810.040
H1489060	224-2810.060
H1533	224-2567
H1901	224-2890
H3101	224-2992
H3118	224-2581
H3403	224-2707
H3408	224-2775
H3416	224-2920
HT1491	224-2321

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