HASTINGS®
Piston Rings

2018 Master Catalog

HASTINGS PISTON RINGS.
MADE FOR THE WORLD.

Since 1915, Hastings Manufacturing Company has been a world power in piston ring engineering and manufacturing. With the most comprehensive line of piston rings available today, Hastings has piston rings for virtually every engine type – car, truck, motorcycle, lawn & garden, compressor, marine, agriculture and performance racing. In service to OEMs worldwide, Hastings designs and manufactures piston rings for the world's most recognizable and trusted brands.

At Hastings, we only manufacture piston rings – and for good reason. We believe that manufacturing the best product takes a singular and constant focus. This keeps us focused on what we do best: delivering ultimate confidence for customers around the globe. Hastings delivers what the world wants in piston rings: precision, performance, and confidence, no matter the engine or application. If it has an internal combustion engine, it will run better and longer with Hastings Piston Rings.

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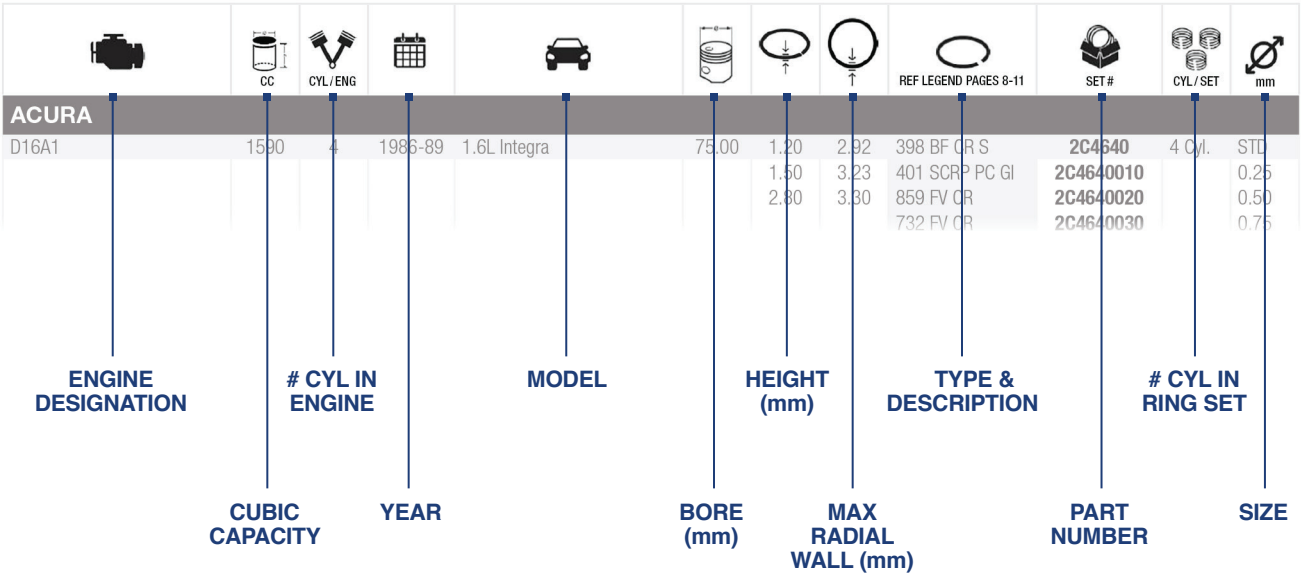
HOW TO USE THIS CATALOG

ICON DESCRIPTIONS

We've updated our applications header to make page viewing simpler and easier.
Below is a legend that describes each icon.



PISTON RING PREFIXES

No Prefix ..... Cast Iron Compression Rings
Cast Iron or Chrome Oil Rings

2C Prefix ..... Chrome Top Compression Rings
Chrome Oil Rings

2M Prefix ..... Moly Top Compression Rings
Chrome Oil Rings

2D Prefix ..... Have various ring face coatings and materials that are suitable for modern diesel engine designs

2N Prefix ..... Contains Nitride components (top ring and/or 3 pc oil rings)

CODING AND MATERIAL ABBREVIATIONS

1PCO ..... 1PIECE OIL
2PCO ..... 2 PIECE OIL
FV FLEX-VENT® .... 3 PIECE FLEX VENT
BF ..... BARREL FACE
CC ..... CERAMIC CHROME
CR ..... CHROME
CHR..... CHROME RAIL
CI ..... CARBIDIC IRON
CF ..... CONFORMATIC
CF KST ..... CONFORMATIC KEYSTONE
DI ..... DUCTILE IRON
FKST ..... FULL KEYSTONE
GI..... GREY IRON
GL ..... GROOVE LOCK SPACER
HKST..... HALF KEYSTONE
DI ..... HIGH TENSIL
KYS ..... KEY STONE
N ..... NAPIER
GN ..... NITRIDE
PVD GN ..... PVD NITRIDE
PC ..... PHOSPHATE COATED
PM ..... PLASMA MOLY
RVT ..... REVERSE TORSIONAL
RVT BF ..... REVERSE TOSIONAL BARREL FACE
SCRP ..... SCRAPER
SCRP TF ..... SCRAPER TAPER FACE
SS..... STAINLESS STEEL
S ..... STEEL
SN ..... STEEL NITRIDE
ST ..... STRAIGHT FACE
TF ..... TAPER FACE
TFN ..... TAPER FACE NAPIER
TFN CI..... TAPER FACE NAPIER CARBIDIC IRON
T ..... TORSIONAL
TBF..... TORSIONAL BARREL FACE
TTF..... TORSIONAL TAPER FACE
3CR ..... TRIPLE CHROME

Hastings Engineering Department reserves the right to change set contents between catalog publications.

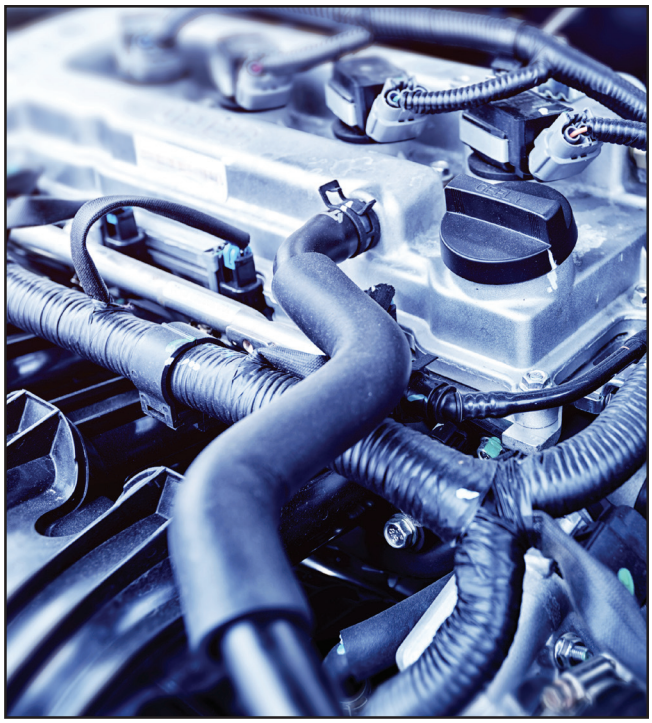
ENGINE BUILDING AND RING INSTALLATION

IMPORTANT ASPECTS OF ENGINE REBUILDING

- Lack of engine cleanliness
- Rough/imperfect bore entrance chamfers
- Burr on bottom of bore
- Poor cylinder bore finish
- Spiraling rings manually onto piston
- Excessive spreading rings manually onto piston
- Not using/improper use of ring compressor
- Piston damage – dents, groove damage

MANY THINGS ARE NOT REBUILDERS' FAULT

- Computers (bad calibration)
- Sensors (bad sensor)
- EGR valve (too much exhaust)
- Intake manifold (debris, leakage, runs hot)



THINGS TO REMEMBER DURING RING INSTALLATION

- Insert rings squarely into the bore and measure end gap with feeler gauge
- Adjust gap if needed by filing both sides of gap equally
- Use ring expander tool to install rings on piston, so as not to deform ring—do not spiral on rings
- Install directional rings with the dot up (otherwise oil pumping may occur)
- Install 2.0mm 3-piece oil ring with expander points up to avoid catching in drain-back hole/slot in oil groove bottom
- Stagger location of end gaps on each ring 180 degrees apart
- Clean bores with hot soapy water and scrub brush; wipe with clean white rag to check for any residue
- Lightly oil cylinder walls and rings with regular non-synthetic motor oil
- Properly tighten ring compressor so rings don't catch on edge of cylinder or pop out in bore (don't force piston if it is hung up)
- Typical engine break-in: use conventional motor oil—change oil after first 3,000 miles/ 4,828 kilometers. Use only synthetic motor oil if originally specified by manufacturer

PISTON RING INSTALLER

This handy ring install tool is inexpensive and easy to use. Just insert the ring ends in wedge jaws, expand ring gently, and slip into groove. Also ideal for removing rings easily, without damage.

Part #1723

SIZE CONVERSIONS

MULTIPLY	BY	TO OBTAIN
Inches	25.4	Millimeters
Millimeters	.03937	Inches
Cubic Inches	16.38716	Cubic Centimeters
Liters	61.023	Cubic Inches

COMMON INCH OVER/UNDERSIZES CONVERTED TO MILLIMETERS

DECIMAL INCHES	MILLIMETERS	DECIMAL INCHES	MILLIMETERS
.001	0.0254	.020	0.5080
.002	0.0508	.030	0.7620
.003	0.0762	.040	1.0160
.005	0.1270	.050	1.2700
.010	0.2540	.060	1.5240

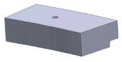
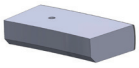
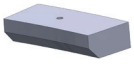
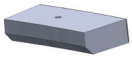
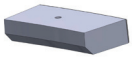
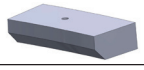
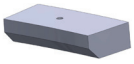
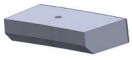
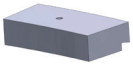
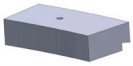
COMMON MILLIMETER OVER/UNDERSIZES CONVERTED TO INCHES

MILLIMETERS	DECIMAL INCHES	MILLIMETERS	DECIMAL INCHES
0.0250	.0010	0.8000	.0315
0.0500	.0020	1.0000	.0394
0.2500	.0098	1.2500	.0492
0.3000	.0118	1.5000	.0591
0.5000	.0197	2.0000	.0787
0.7500	.0295		

RING WIDTH CONVERSION CHART

DECIMAL INCHES	MILLIMETERS	FRACTION
.0390	1.00	
.0469	1.20	3/64"
.0570	1.45	
.0590	1.50	
.0625	1.59	1/16"
.0690	1.75	
.0710	1.80	
.0770	1.95	
.0781	1.98	5/64"
.0787	2.00	
.0880	2.20	
.0890	2.25	
.0900	2.30	
.0937	2.38	3/32"
.0950	2.40	
.0980	2.50	
.1100	2.80	
.1180	3.00	
.1210	3.07	
.1230	3.12	
.1250	3.18	1/8"
.1280	3.25	
.1350	3.43	
.1380	3.50	
.1406	3.57	9/64"
.1560	3.97	5/32"
.1570	3.98	
.1575	4.00	
.1770	4.50	
.1875	4.75	3/16"
.1970	5.00	
.2187	5.50	
.2190	5.56	7/32"
.2360	6.00	
.2500	6.35	1/4"
.2560	6.50	
.3125	7.94	5/16"
.3750	9.53	3/8"

PISTON RING TYPES

GV_TYP	TYPE	PROFILE	G1_COAT	G1_MATL	
406, 407	LCR	NAPIER HI TENSILE	PHOSPHATE	DUCTILE IRON	
242	UCR	REV TORSIONAL BARREL FACE	CHROME	DUCTILE IRON	
123	LCR	REV TORSIONAL HI TENSILE	PHOSPHATE	DUCTILE IRON	
223	LCR	REVERSE TORSIONAL	CHROME	DUCTILE IRON	
349	LCR	REVERSE TORSIONAL	CHROME	GREY IRON	
209, 214	LCR	REVERSE TORSIONAL	PHOSPHATE	DUCTILE IRON	
126, 130, 610	LCR	REVERSE TORSIONAL	PHOSPHATE	GREY IRON	
352	LCR	REVERSE TORSIONAL	TRIPLE CHROME	GREY IRON	
401, 435	LCR	SCRAPER	PHOSPHATE	GREY IRON	
210, 234	LCR	SCRAPER TAPER FACE	PHOSPHATE	DUCTILE IRON	
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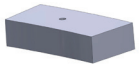
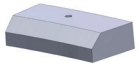
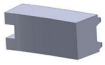
206, 218	LCR	TAPER FACE	PHOSPHATE	DUCTILE IRON	
202, 229	LCR	TORSIONAL TAPER FACE	PHOSPHATE	DUCTILE IRON	
501, 520	OCR	1 PC.	PHOSPHATE	GREY IRON	
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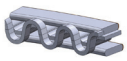
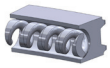
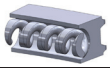
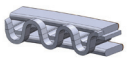
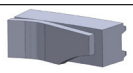
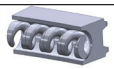
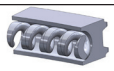
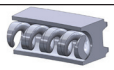
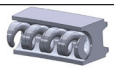
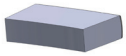
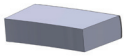
672, 708	OCR	3PC. FLEX-VENT	NITRIDE	STEEL RAIL/ STAINLESS EXP	
579	OCR	CONFORMAT F KSTON 5 DEG	CHROME	GREY IRON	
553, 565, 881	OCR	2PC. CONFORMATIC	PHOSPHATE	COILED SPRING	
5, 9, 46, 52, 54, 55, 56, 57, 58, 59, 85, 533, 541, 621, 622, 635, 710, 728, 732, 856, 858, 859, 860, 861, 869, 870, 871, 872, 874, 934, 935, 981, 985, 986, 989, 990, 991, 993, 995, 996, 997, 999	OCR	3PC. FLEX-VENT	CHROME RAIL	STEEL RAIL/ STAINLESS EXP	

GV_TYP	TYPE	PROFILE	G1_COAT	G1_MATL	
501, 502	OCR	2PC. CONFORMATIC	INNER SPRING	SPACER SPRING	
204	OCR	CONFORMATIC	CHROME	DUCTILE IRON	
248	OCR	CONFORMATIC	CHROME	HT IRON	
203	OCR	CONFORMATIC	NITRIDED	STAINLESS STEEL	
200	OCR	CONFORMATIC	PHOSPHATE	GREY IRON	
239, 378	UCR	BARREL FACE	CERAMIC CHROME	DUCTILE IRON	
205, 217, 226, 376	UCR	BARREL FACE	CHROME	DUCTILE IRON	
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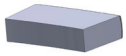
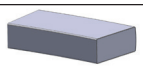
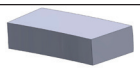
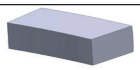
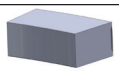
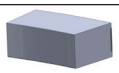
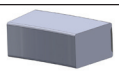
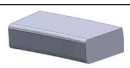
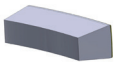
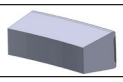
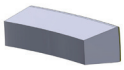
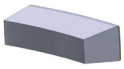
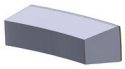
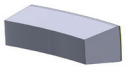
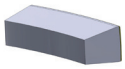
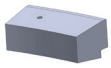
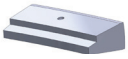
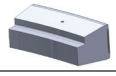
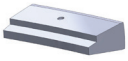
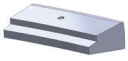
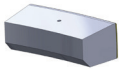
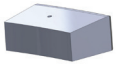
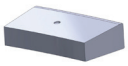
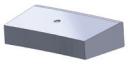
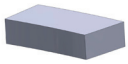
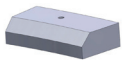
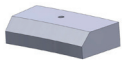
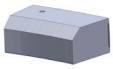
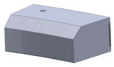
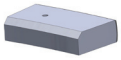
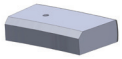
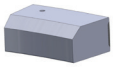
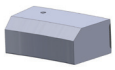
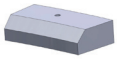
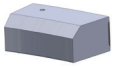
363	UCR	BARRELL FACE	CHROME	GREY IRON	
362	UCR	BARRELL FACE	TRIPLE CHROME	GREY IRON	
25	UCR	BARREL FACE	PHOSPHATE	DUCTILE IRON	
32, 252	UCR	BARREL FACE	PHOSPHATE	GREY IRON	
219, 231, 334, 337	UCR	BARREL FACE	PLASMA MOLY	DUCTILE IRON	
327	UCR	BARREL FACE	PLASMA MOLY	GREY IRON	
397	UCR	BARREL FACE	PLASMA MOLY	STEEL	
201, 322	UCR	BARREL FACE	NITRIDE	STAINLESS STEEL	
225	UCR	FULL KEY STONE 15 DEG BARREL FACE	CHROME	DUCTILE IRON	
224, 233	UCR	FULL KEY STONE 15 DEG BARREL FACE	PLASMA MOLY	DUCTILE IRON	
221	UCR	FULL KEY STONE 15DEG BARREL FACE	CERAMIC CHROME	DUCTILE IRON	
213	UCR	FULL KEY STONE 6 DEG BARREL FACE	CERAMIC CHROME	DUCTILE IRON	
227, 238	UCR	FULL KEY STONE 6 DEG BARREL FACE	CHROME	DUCTILE IRON	

PISTON RING TYPES (continued)

GV_TYP	TYPE	PROFILE	G1_COAT	G1_MATL	
240	UCR	FULL KEY STONE 6 DEG TORS BBL F	CERAMIC CHROME	DUCTILE IRON	
222	UCR	FULL KEY STONE 6DEG BARREL FACE	CERAMIC CHROME	DUCTILE IRON	
208, 241	UCR	FULL KEY STONE 7 DEG BARREL FACE	CERAMIC CHROME	DUCTILE IRON	
170	LCR	FULL KEY STONE 15 DEG TORSION	PHOSPHATE	GREY IRON	
462	UCR	FULL KEY STONE 15 DEG SCRAPER	PHOSPHATE	GREY IRON	
165	UCR	FULL KEY STONE 10 DEG TORSION	PHOSPHATE	GREY IRON	
365	UCR	FULL KEY STONE 10 DEG TORSION	CHROME	DUCTILE IRON	
372	UCR	FULL KEY STONE 15 DEG TORSION	CHROME	DUCTILE IRON	
373	UCR	FULL KEY STONE 15 DEG TORSION	PLASMA MOLY	DUCTILE IRON	
381	UCR	FULL KEY STONE 20 DEG TORSION	CHROME	DUCTILE IRON	
180	UCR	FULL KEY STONE 20 DEG TORSION	PHOSPHATE	GREY IRON	
361	UCR	FULL KEY STONE 6 DEG TORSION	CHROME	DUCTILE IRON	
160	UCR	FULL KEY STONE 6 DEG TORSION	PHOSPHATE	GREY IRON	
235	LCR	1/2 KEY STONE 7 DEG REV TORS	CHROME	DUCTILE IRON	
211	UCR	1/2 KEY STONE 7 DEG BARREL FACE	CERAMIC CHROME	DUCTILE IRON	
232	UCR	1/2 KEY STONE 7 DEG BARREL FACE	CHROME	DUCTILE IRON	
228	UCR	1/2 KEY STONE 7 DEG BARREL FACE	PLASMA MOLY	DUCTILE IRON	
243	UCR	1/2 KEY STONE 7DEG REV TOR BBL	PLASMA MOLY	DUCTILE IRON	
390	UCR	1/2 KEY STONE 7.5 DEG	CHROME	GREY IRON	
394	UCR	1/2 KEY STONE 10 DEG	CHROME	DUCTILE IRON	
370	UCR	1/2 KEY STONE 7 DEG TORSION	TRIPLE CHROME	GREY IRON	

GV_TYP	TYPE	PROFILE	G1_COAT	G1_MATL	
95	UCR	1/2 KEY STONE 10 DEG	PHOSPHATE	GREY IRON	
90	UCR	1/2 KEY STONE 5 DEG	PHOSPHATE	GREY IRON	
1	UCR	STRAIGHT FACE	PHOSPHATE	GREY IRON	
129	LCR	TORSIONAL	PHOSPHATE	CARBIDIC IRON	
102, 135	UCR	TORSIONAL	PHOSPHATE	GREY IRON	
339, 345	UCR	TORSIONAL	PLASMA MOLY	GREY IRON	
395	UCR	TORSIONAL	PLASMA MOLY	STEEL	
212	UCR	TORSIONAL BARREL FACE	CERAMIC CHROME	DUCTILE IRON	
215, 244	UCR	TORSIONAL BARREL FACE	CHROME	DUCTILE IRON	
399	UCR	TORSIONAL BARREL FACE	CHROME	STEEL	
326	UCR	TORSIONAL BARREL FACE	NITRIDE	STAINLESS STEEL	
388	UCR	TORSIONAL BARREL FACE	PLASMA MOLY	STEEL	
220, 230	UCR	TORSIONAL BARREL FACE	PLASMA MOLY	DUCTILE IRON	
103	UCR	TORSIONAL,HI TENSIL	PHOSPHATE	DUCTILE IRON	
333, 335, 336	UCR	TORSIONAL,HI TENSIL	PLASMA MOLY	DUCTILE IRON	
901	OCR	GROOVE LOCK SPACER	BLACK OXIDE	NON-SEGMENTED STEEL	
902	OCR	GROOVE LOCK SPACER	BLACK OXIDE	NON-SEGMENTED STEEL	

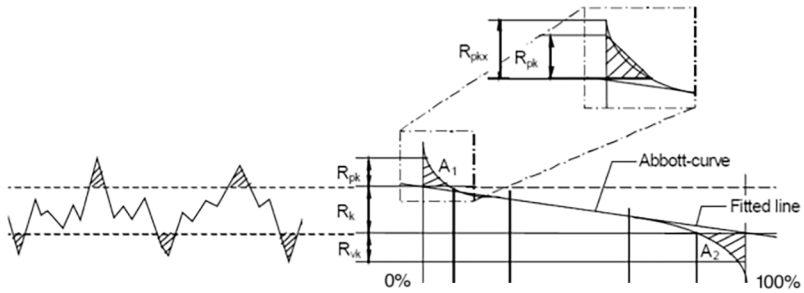
BORE FINISH

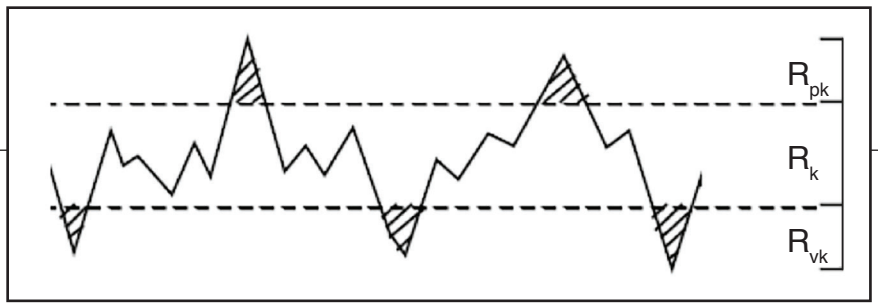
Rpk, Rk, and Rvk have replaced Ra as the most important baselines of measuring bore finish. These present a much more defined description of the actual bore finish surface.

Bearing Ratio Curve (percent of material contact between cylinder wall and ring)

Definition of Roughness Characteristics by DIN EN ISO 13 565 (1998.04)

A_1	Peak material volume
A_2	Area valley ratio
R_k	Core roughness depth
R_{pk}	Reduced peak height
R_{vk}	Reduced valley depth
M_{r1}	Peak material ratio
M_{r2}	Valley material ratio





Reduced Peak Height (Rpk)
The top portion of the surface, which will quickly be worn away when the engine begins to run

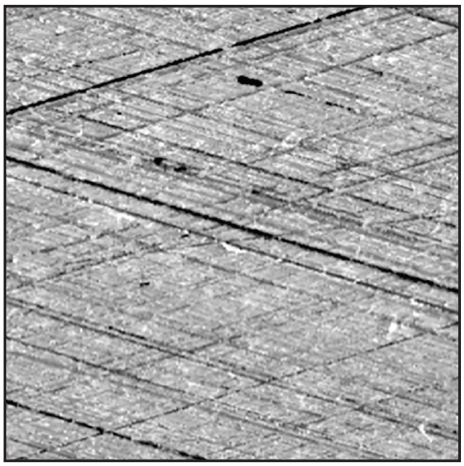
Core Roughness Depth (Rk)
The long term running surface, which will influence the performance and life of the cylinder

Reduced Valley Depth (Rvk)
The oil retaining capability of the deep troughs, which have been machined into the surface

INDUSTRY RECOMMENDATIONS

General Applications:
Good performance with good life
Rpk: 8-12 micro-inch (<12 optimum)
Rk: 25-35 micro-inch (25 optimum)
Rvk: 40-50 micro-inch (40 optimum)
Ra: 15-20 micro-inch and 12-23 allowable

Pro-Stock & NASCAR:
Much smoother finish, much less life, but less friction
Rpk: 3-5 micro-inch
Rk: 12-18 micro-inch
Rvk: 20-25 micro-inch



OIL RETENTION & CROSS HATCH ANGLE

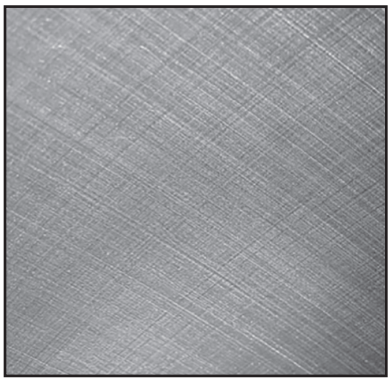
Oil Retention (valleys in bore surface)

- Rvk has very strong correlation to oil consumption
- Excessive Rvk leads to high oil consumption and excessive ring rotation
- Insufficient Rvk can lead to excessive ring and bore wear

Cross Hatch Angle

- Typical automotive application: 45° to each other (or 22°-32° to the horizontal deck surface)
- Cross hatch angle should be the same throughout the length of the cylinder and not flatten out at either end
- Performance racing low tension rings: 20°- 30°
- Nikasil® – Thermal Spray Bores – Hypereutectic Bores: 10°-15°

Source: Cross Hatch Angle data provided by Sunnen Products Company



HONING (GENERAL APPLICATIONS)

Standard Honing Practices
Stock Removal

- .0030" with 80-100 grit stone
  - – Bulk stock removal; produces deep valleys
- .0015" with 280-320 grit stone
  - – Prepares core roughness; regulates valley depth
- .0005" with 400-600 grit stone
  - – Prepares plateau attributes

Finish

- 320 grit abrasive filled nylon filament brush

OR

- 800 grit cork bond stone
  - – Removes surface defects left behind from honing

HONING (RACING ENGINES)

Standard Honing Practices
Stock Removal

- EHU412 150 grit stone
  - – Bulk stock removal; produces deep valleys
- .0020" with JHU623 280 grit stone
  - – Prepares core roughness; regulates valley depth
- .0003" with C30J95 500 grit stone
  - – These stones need to be cut down to 2.750" long
  - – Prepares plateau attributes

↓

Rpk: < 10 micro-inch
Rvk: 18-25 micro-inch

BORE FINISH (continued)

COMMON DEVIATIONS FROM A GOOD BORE FINISH

Cross hatch grooves irregularly spaced
Causes: Varying reciprocation rates, poor stone breakdown with alternate loading and breakdown, stone grade too hard and/or grit too coarse
Effect: Poor oil distribution, erratic break-in, poor oil economy

Wide, deep cross hatch grooves
Causes: Stone grit too coarse, excessive stone pressure, poor stone break-down, insufficient lubricant
Effect: Causes abnormal wear, excessive oil consumption, poor and variable break-in period

One directional cut
Causes: Excessive play in hone components
Effect: Causes rapid wear, poor seating, excessive ring rotation, lowers oil control

Low cross hatch angle
Causes: Low reciprocation rate compared to RPM used
Effects: High impact forces causing excessive wear, poor oil distribution, slower break-in of rings

Cross hatch groove folded and fragmented
Causes: Stone grit too coarse and/or grade too soft, insufficient lubricant
Effect: Causes scratching, high wear, raises ring temperatures, high and erratic oil consumption

Too little plateau
Causes: Stone grit too coarse, insufficient stock removal per cut
Effect: Excessive ring wear, high temperatures

Glazed plateau
Causes: Excessive stone pressures, loaded stones (too hard a grade), insufficient lubricant
Effect: Slows down seating-in and increases oil consumption

Excessive voids in cylinder wall
Causes: Excessive stone pressures, loaded stones (too hard a grade), insufficient lubricant
Effect: Increases oil consumption, rapid wear, reduces uniformity from engine to engine

CHECKING COMPRESSION RING GAPS

RECOMMENDED AUTOMOTIVE COMPRESSION RING GAP CLEARANCES

CYLINDER DIAMETER IN MILLIMETERS	RING GAP TOLERANCE IN MILLIMETERS
25.4 to 60.00496	0.1524 to 0.3556
60.0075 to 74.99096	0.2032 to 0.4064
74.9935 to 89.97696	0.254 to 0.508
89.9795 to 109.9795	0.3048 to 0.5588
109.982 to 129.982	0.3556 to 0.6604
129.9845 to 149.9845	0.4064 to 0.762
149.987 to 175.0035	0.508 to 0.889
175.006 to 228.5975	0.6096 to 1.0414

CYLINDER DIAMETER IN INCHES	RING GAP TOLERANCE IN INCHES
1.0000 to 2.3624	.006 to .014
2.3625 to 2.9524	.008 to .016
2.9525 to 3.5424	.010 to .020
3.5425 to 4.3299	.012 to .022
4.3300 to 5.1174	.014 to .026
4.3300 to 5.1174	.016 to .030
5.9050 to 6.8899	.020 to .035
6.8900 to 8.9999	.024 to .041

An important fact to remember is that these tolerances are rigidly adhered to by the manufacturers and that the ring gaps are inspected in gauges accurate to .0001" at the cylinder diameter for which the ring is manufactured. Any increase in the diameter of the cylinder the ring is being used in, over the designated size, results in an increase of approximately .003" in ring gap for each .001" increase in cylinder diameter.

NEW ENGINE RELEASES FOR HASTINGS MANUFACTURING			
SET NUMBER		**MANUFACTURER**	**ENGINE APPLICATION**
NEW GASOLINE APPLICATIONS			
4355	STD, .020, .040, .060	AUSTIN MORRIS	12H 12 +D4:D14H996, 12 H999, 12 HA, 12 HC, A SERIES, A+ SERIES
		MERCEDES-BENZ	MK11, 1300 A SERIES, A+ SERIES
		ROVER	A SERIES 12 A2B 12 A2A, 12 A2L, A+ SERIES 12 A2D, 12 A2E, 12 H
2C4106	STD, .50mm	PEUGEOT	EW 10 J4, EW 10L3, EW 10L4
2C4107	STD	TOYOTA	1NR-VE
2C4108	STD	BMW	N52 B25, N52 B254, N52 B25C
2C4115	STD	GM	F14D4
2C4354	STD, .50mm	GM	LUJ, LUV, VVT
2C4356	STD, .50mm	FORD	1496cc 1.5 Litre ECOBOOST DOHC INCL TURBO, 1596cc 1.6Litre ECOBOOST DOHC INCL TURBO
2C4357	STD, .50mm, 1.0mm	HYUNDAI	G4NBB, DOHC
		KIA	G4NBB DOHC
2C4358	STD	SUZUKI	J24B
2C4501	STD	BMW	M54B22, M5422651
2C4504	STD, .50mm, 1.0mm	HYUNDAI	G4FA G4FC, GAMMA ,G4FJ
		KIA	G4FC, G4FJ GAMMA
2C5212	STD, .25mm, .50mm, 1.0mm	AUDI	1Y, 1X, AAZ, ADE, 3D, AAS,
		SEAT	1Y, AAZ, AEF,
		SKODA	AEF
		VOLKSWAGEN	KY, 1Y, 1X, ABL, AAZ, ADE, ADG, AEF, AJA, AAB
2C5384	STD, .50mm	HYUNDAI	G6BA
		KIA	G6A5
2C5385S	STD	AUDI	CDAA, CDHA, CDHB, CJEB, CJSA, CJSB, CAEA, CAEB, CAED, CAWB, CBFA, CCTA, CCZA,CDNA, CDNC, CESA, CETA,CFKA, CHHB, CJKA, CJXB, CJXC, CNCB, CNCD, CNCE, CPMA, CPMB, CPSA, CYFB, CYNB, CYPA, CYPB
		SEAT	CDAA, CDHA, CDHB CJSA, CJSB, CCZA, CCZB, CJXE, DEDA
		SKODA	CDAA, CDAB, CJSA, CJSB, CJSC,CCZA, CHHA, CHHB,
		VOLKSWAGEN	CDAA, CDAB, CJSA, CJSB, CJSC, CAWA, CAWB, CBFA, CCTA, CCZA, CCZB, CCZC, CCZD, CFPA, CHHA, CHHB, CJKA, CJKB, CJXB, CJXC, CJXE, CPLA, CPPA, CCCA
2C5389	STD, .50mm, 1.0mm	HYUNDAI	G4EA
		KIA	G4EA
2C5391	STD .020	AUDI	CTHG
		SEAT	CAVA, CAVE, CAVF, CNWB, CTHA, CTHE
		SKODA	CAVE, CTHE
		VOLKSWAGEN	CTHE, CTHA, CNWB, CNWA, CAVE, CAVD, CAVC, CAVB, CAVA, BWK, BMY, BLG
2C5392	STD	TOYOTA	1NR-FE, 2NR-FE, 3NR-FE
2C5393	STD	NISSAN	HR12DE
2C5395	STD, .50mm, 1.0mm	TOYOTA	3ZR-FE, 3ZR-FAE
2C5438 2N5438	STD .50mm	AUDI	CAXA, CAXC, CMSA, CNVA, BLF, BLP
		SEAT	CAXA, CAXC, BCA, BKY, BXW, CGGB 16V
		SKODA	CAXA, CAXC, BCA, BKY, BUD, BXW, CDDA, CGGA, CGGB CLPA, BLF
		VOLKSWAGEN	BCA, BKR, BKY, BUD, CAXA, CDDA, CGGA, CGGB, CPLA, CMSB, FSI, BLF, BLP
2C5637	STD	FORD	ZH12 Zetec S DHA, DHB, DHC, DHD, DHE, DHF, DHG
		SKODA	AUTO

NEW ENGINE RELEASES FOR HASTINGS MANUFACTURING			
SET NUMBER		**MANUFACTURER**	**ENGINE APPLICATION**
NEW GASOLINE APPLICATIONS			
2C5675 2N5675	STD, .50mm	OPEL	Z12XE, X12XE, X10XE, Z10XE
		VAUXHALL	Z12XE, X12XE, ASTRA, AGILA, CORSA, X10XE, Z10XE
2C5881	STD	CITROEN	XU7JB (LFX) XU7JP(LFW, LFZ, L6A), XU92C(D2A, D2C, D2F) XU9J1 (DFZ) XU9J2(D6A) XU9JA (DKZ)
		PEUGEOT	XU5J, XU5JA, XU5JM 180, 180A, B6B, BDZ, BZF, XU9, XU9JA, XU9JAZ, XU9C, XU9S, XU9M, XU9J2, XU9J1, XU92C, DZA, DCZ, DFZ, D6A, D6B, DKZ,
2C7194	STD	TOYOTA	1TR-FE
2C7432	STD, .25mm, .50mm	MERCEDES-BENZ	M 160 E6AL B03, M 160 E6AL B04
		SMART	M 160 E6AL B03, M 160 E6AL B04, 160 E6AL B05
2C7434	STD, .25mm, .50mm	SMART	M 160.910, M160.922,M160.923,M160.921
2C7487	STD	AUDI	CRBC, CRLB, CRBD, CRFA, CRFC, CUNA,
		SEAT	CKFB, CKFC, CRVA, CRVC, CUNA, CUPA,
		SKODA	CKFB, CKFC, CUPA
		VOLKSWAGEN	CRBC, CRBL, CRVA,
2C7675	STD, .25mm, .50mm	OPEL	X10XE, X12XE, Z10XE, Z12XE
		VAUXHALL	X10XE, X12XE, Z10XE, Z12XE
2C9547	STD, .020, .040	VOLKSWAGEN	AAY
2N4158	STD	NISSAN	GA14, GA14S, AD Ban, GA15, GA15A
2N4207	STD	ISUZU	ZNG200,
		TOYOTA	5SFE, DOHC
2N4208	STD	GENERAL MOTORS	VIN 2 (SUZUKI)
2N4216	STD, .25mm, .50mm, .75mm, 1.00mm	MAZDA	B2600
		TOYOTA	22R, 22RE, 22RGC, 22RTEC
2N4603	.50mm, .75mm, 1.00mm	ISUZU	4ZD-1
2N4613	STD, .25mm	CHRYSLER	GTX, DOHC, SOHC, VIN A
		JEEP	GTX, DOHC
2N4631	STD, .50mm	HONDA	KA200
2N4633	STD, .25mm, .50mm, .75mm, 1.00mm	TOYOTA	2E-L, 3E, 3EE1.5 Litre
2N4648	STD, .50mm	CHRYSLER	VIN L,6
		JEEP-EAGLE	3.5 LITRE
2N4651	STD	MAZDA	BP, BP01, BP05-VE, Vin:6,P DOHC, SOHC
		PEUGEOT	XU5JP, XU5JPZ, XU7JB, XU7KP, XU7JPZ, XU7JP XU9J4
2N4683	STD, .25mm, .50mm, .75mm,	AUDI	1.6 LITRE
		GENERAL MOTORS	VIN 6
		TOYOTA	4AGLEC, 4AF, 4AFE 4AGZE
		VOLKSWAGEN	1.6 LITRE
2N4689	STD	LEXUS	3VZFE
		TOYOTA	3VZE
2N4733	STD, .25mm, .50mm, .75mm	GENERAL MOTORS	VIN 6, VIN 8 (TOYOTA)
		TOYOTA	4AFE, 4AG
2N4737	STD, .25mm	KIA	5BP, SOHC, DOHC
		MAZDA	B6Y2, MX-3
2N4767	STD, .25mm	HONDA	H22A4, H23A1
2N4885	STD, .75mm, 1.00mm	FORD	VIN 4 3.8L, VIN 6 3.9L, VIN 2,4, 4.2L

NEW ENGINE RELEASES FOR HASTINGS MANUFACTURING			
SET NUMBER		**MANUFACTURER**	**ENGINE APPLICATION**
NEW GASOLINE APPLICATIONS			
2N4902	STD	LEXUS	1MZFE
		TOYOTA	1MZFE, DOHC
2N4908	STD, .25mm, .50mm	TOYOTA	2RZFE, 3RZFE
2N4911	STD, .50mm	TOYOTA	5VZFE
2N4933	STD, .25mm	JEEP	DOHC
		MITSUBISHI	DOHC
2N4959	STD	GENERAL MOTORS	VIN C (SUZUKI)
		SUZUKI	J20A
2N4973	STD	HONDA	B20B4, B20Z2 CRV DOHC2.0 Litre
2N5006	STD, .25mm	TOYOTA	5SFE
2N5090	STD, .25mm, .50mm	TOYOTA	2AZFE, L4, DOHC
2N5091	STD	TOYOTA	1NZFE, 1NZFXE
2N5130	STD, .50mm	GENERAL MOTORS	Vin: A,D,F,P,J,N,Z, DOHC
		SAAB	B207
2N5158	STD, .50mm	FORD	DOHC,
		MAZDA	LF-DE, DOHC
2N5298	STD	HYUNDAI	SOHC, G4HC
2N5391	STD, .25mm, .50mm	AUDI	CTHG
		SEAT	CTHE
		SKODA	CAVE, CTHE
		VOLKSWAGEN	CNWA, CNWA, CTHA, CTHE
2N5438	STD, .25mm, .50mm	AUDI	CAXA, CAXC, CMSA, CNVA
		SEAT	CAXA, CAXC
		SKODA	BLF, CAXA, CAXC
		VOLKSWAGEN	CMSB
2N5664	STD	KIA	3FE
		MAZDA	FE, F2, F8
2N5672	STD	VOLKSWAGEN	EA211, CHYA, CHYB
2N6175	STD	MAZDA	E3, E5, GLC
2N7442	STD, .25mm, .50mm	MERCEDES-BENZ	M 161.971
		SSANGYONG	M 161.974
2M5380	STD .020	GM	L83, OHV
2C5393	STD	NISSAN	HR12DE
2C5395	STD, .50mm, 1.0mm	TOYOTA	3ZR-FE, 3ZR-FAE
2C5438 2N5438	STD .50mm	AUDI	CAXA, CAXC, CMSA, CNVA, BLF, BLP
		SEAT	CAXA, CAXC, BCA, BKY, BXW, CGGB 16V
		SKODA	CAXA, CAXC, BCA, BKY, BUD, BXW, CDDA, CGGA, CGGB CLPA, BLF
		VOLKSWAGEN	BCA, BKR, BKY, BUD, CAXA, CDDA, CGGA, CGGB, CPLA, CMSB, FSI, BLF, BLP
2C5637	STD	FORD	ZH12 Zetec S DHA, DHB, DHC, DHD, DHE, DHF, DHG
		SKODA	AUTO

NEW ENGINE RELEASES FOR HASTINGS MANUFACTURING			
SET NUMBER		**MANUFACTURER**	**ENGINE APPLICATION**
NEW DIESEL APPLICATIONS			
2D4744	STD, .50mm, .75mm, 1.00mm, 1.50mm	GM	6.5 LITRE
2D4845	STD, .50mm, 1.00mm	GM	6.6 LITRE DURAMAX
2D4882	STD, .25mm, .50mm, .75mm, 1.00mm	FORD	7.3 LITRE DI
2D4914	STD, .50mm, .75mm, 1.00mm	CUMMINGS	5.9 LITRE 12V
2D5374	STD, .25mm, .50mm, .75mm, 1.00mm	FORD	6.0 LITRE
2D5627	STD	MERCEDES-BENZ	OM 603.960, 606.961, 606.962, 606.964
2D5741	STD, .25mm, .50mm, .75mm	FORD	6.4 LITRE
2D5853	STD, .25mm, .50mm, .75mm, 1.00mm	FORD	6.7 LITRE
2D7188	STD	ISUZU	D-MAX 4JH1
2D7225	STD	ISUZU	4JJI-TC, 4JKI-TC
2D7276	STD, .50mm, 1.00mm	CUMMINGS	5.9 LITRE 24V
2D7366	STD	ALFA ROMEO	JTDM,JTD159,192 A5.000, 192 B1.000, 937 A4.000, 937 A5.000, 937 A6.000, 939 A2.000939 A3.000 841 N.000, 841 M.000, 841 H.000, 841 G.000
		FIAT	JTD, 192 A5.000, 192 B1.000, 937 A4.000, 937 A5.000, 937 A6.000, 939 A2.000, 939 A3.000
		LANCIA	THESIS JTD, 841 G.000
		OPEL	Z 19 DTH, Z 19 DTJ CDTI
		SAAB	Z 19 DTH, Z 19 DTJ
		VAUXHALL	Z 19 DTH, Z 19 DTJ CDTI
2D7431	STD, .25mm, .75mm	CITROEN	DV6ETED (9HW) Euro 4, DV6ETEDM (9HK) Euro 4
		FORD	TZJA, TZJB
		PEUGEOT	DV6C (9HR), DV6CTED (9HD, DV6DTED (9HF) Euro 4, DV6DTED (9HP), DV6DTEDM (9HJ), DV6ETEDM (9HK)
		TOYOTA	3WZ-TV
		VOLVO	D 4162 T
2D7440	STD, .25mm, .50mm	JEEP	OM 651.925
		MERCEDES-BENZ	OM 651.955, OM 651.956, OM 651.957, OM 651.960, OM 651.961, OM 651.980

ANILLOS DE PISTÓN HECHOS PARA TODOS

Desde 1915, Hastings Manufacturing Company ha sido una potencia mundial en materia de ingeniería y fabricación de anillos de pistón. Con la línea más completa de anillos de pistón disponibles hoy en día, Hastings tiene anillos de pistón para casi todo tipo de motor: autos, camiones, motocicletas, cortacésped, compresores, botes, tractores y autos de carreras. Hastings les ofrece sus servicios a los fabricantes de equipos originales de todo el mundo, y diseña y fabrica anillos de pistón para las marcas más reconocidas y confiables del mundo.

En Hastings, solo fabricamos anillos de pistón, y por un buen motivo. Creemos que fabricar el mejor producto requiere un enfoque único y constante. Esto nos mantiene enfocados en lo que hacemos mejor: ofrecerles la máxima seguridad a clientes de todo el mundo. Hastings ofrece lo que todo el mundo busca en anillos de pistón: precisión, rendimiento y seguridad; sin importar el motor o el uso. Si tiene un motor de combustión interna, este funcionará mejor y durante más tiempo con los anillos de pistón Hastings.

ERRORES COMUNES A TOMAR EN CUENTA ANTES DE LA RECONSTRUCCIÓN DE UN MOTOR

- Falta de limpieza del motor
- Bordes de los biseles de entrada ásperos o con imperfecciones
- Zumbido en el fondo del orificio
- Acabado pobre del orificio cilindro
- Instalar manualmente los anillos en el pistón
- Comprimir los anillos al pistón manualmente y de forma excesiva
- No usar o usar incorrectamente el compresor de anillos
- Dañar el pistón: abolladuras o daños en los surcos

MUCHAS COSAS NO SON RESPONSABILIDAD DE LOS RESTAURADORES

- Computadoras (mala calibración)
- Sensores (sensor defectuoso)
- Válvula EGR (exceso de escape)
- Colector de entrada (residuos, fugas, exceso de calor)

COSAS A TOMAR EN CUENTA DURANTE LA INSTALACIÓN DE LOS ANILLOS

- Introduzca los anillos directamente en el orificio y mida el espacio restante con el calibrador de espesor.
- Ajuste el espacio restante de ser necesario y cubra ambos lados del mismo por igual.
- Use el expansor de anillos para instalar el mismo en el pistón y así evitar deformarlo; no le dé vueltas.
- Instale los anillos direccionales con el punto hacia arriba (de lo contrario puede ocurrir una fuga de aceite).
- Instale tres anillos de control de aceite de 2,0 mm con los puntos expansores hacia arriba para así evitar obstruir el orificio de drenaje de la ranura de lubricación inferior.
- Deje una distancia de 180 grados entre cada anillo.
- Limpie los orificios con agua jabonosa caliente y un cepillo; pase un trapo blanco limpio para comprobar si hay residuos.
- Lubrique ligeramente las paredes y los anillos del cilindro con aceite no sintético de motor.
- Ajuste adecuadamente el compresor de anillos para que los mismos no se traben al borde del cilindro o salgan por el orificio (no fuerce el pistón si se traba).
- Rodaje típico de motores: utilice aceite de motor convencional, cámbielo después de las primeras 3000 millas/4828 kilómetros. Utilice aceite sintético para motores solo si así lo especifica el fabricante original.

INSTALADOR DE LOS ANILLOS DEL PISTÓN

Esta herramienta práctica de instalación de anillos es económica y fácil de usar. Solo inserte el extremo del anillo en la cuña, despliegue el anillo suavemente y deslícelo en la ranura. También es ideal para quitar los anillos fácilmente sin dañarlos.

#1723

CÓMO USAR ESTE CATÁLOGO

DESCRIPCIONES DE LOS ÍCONOS

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
ACURA											
D16A1	1590	4	1986-89	1.6L Integra	75.00	1.20	2.92	398 BF CR S	**2C4640**	4 Cyl.	STD
						1.50	3.23	401 SCRP PC GI	**2C4640010**		0.25
						2.80	3.30	859 FV CR	**2C4640020**		0.50
								732 FV CR	**2C4640030**		0.75

NOMBRE DEL MOTOR

NÚMERO DE CILINDROS

MODELO

ALTURA (mm)

TIPO Y DESCRIPCIÓN

EMBALAJE

CILINDRADA

AÑO

CALIBRE (mm)

PARED RADIAL MÁXIMA (mm)

NÚMERO DE LA PIEZA

DIMENSIONES

PREFIJO DE PISTÓN

Sin prefijo .... Anillos de compresión de hierro fundido
Anillos de control de aceite de hierro fundido o cromo

Prefijo 2C .... Anillos de compresión superiores de cromo
Anillos de control de aceite de cromo

Prefijo 2M .... Anillos de compresión superiores de molibdeno
Anillos de control de aceite de cromo

Prefijo 2D .... Tiene varios revestimientos para anillos y materiales perfectos para motores modernos de diésel

2N..... Contiene componentes de nitruro (anillos superiores o 3 anillos de control de aceite)

CÓDIGOS Y ABREVIATURAS DE LOS MATERIALES

1PCO ..... 1 ACEITE

2PCO ..... 2 ACEITES

FV..... 3 CONDUCTOS FLEXIBLES

BF..... CILINDROS

CC ..... CROMO PARA CERÁMICA

CR ..... CROMO

CHR..... BARRA DE CROMO

CI..... HIERRO CARBÍDICO

CF..... CONFORMATIC

CF KST ..... ANILLOS KEYSTONE CONFORMATIC

DI..... HIERRO DÚCTIL

FKST ..... ANILLO KEYSTONE COMPLETO

GI..... HIERRO GRIS

GL..... ESPACIADORES DE CIERRE DE RANURA

HKST..... ANILLO KEYSTONE MEDIO

DI..... ALTA TENSIÓN

KYS ..... KEYSTONE

N..... NAPIER

GN ..... NITRURADO

PVD GN ..... DEPOSICIÓN FÍSICA DE VAPOR (PVD) NITRIDO

PC ..... REVESTIMIENTO DE FOSFATO

PM ..... PLASMA Y MOLIBDENO

RVT ..... REVERSA TORSIONAL

RVT BF..... CILINDRO DE REVERSA TORSIONAL

SCRP ..... ANILLO RASCADOR

SCRP TF..... ANILLO RASCADOR CÓNICO

SS..... ACERO INOXIDABLE

S ..... ACERO

SN ..... NITRURO DE ACERO

ST..... ANILLO RECTO

TF ..... ANILLO CÓNICO

TFN ..... ANILLO CÓNICO NAPIER

TFN CI..... ANILLO CÓNICO DE HIERRO CARBÍDICO NAPIER

T..... TORSIONAL

TBF..... CILINDRO TORSIONAL

TTF..... ANILLO TORSIONAL CÓNICO

3CR ..... CROMO TRIPLE

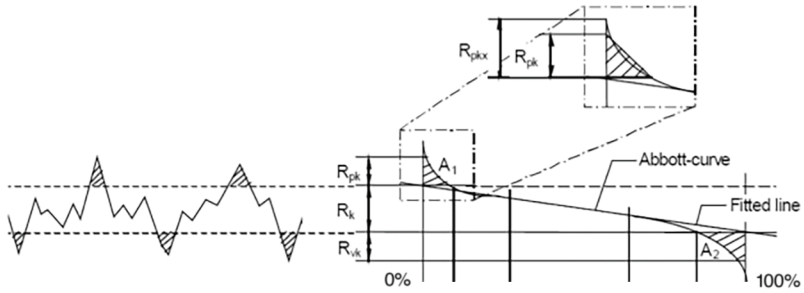
ACABADO DE LOS CILINDROS

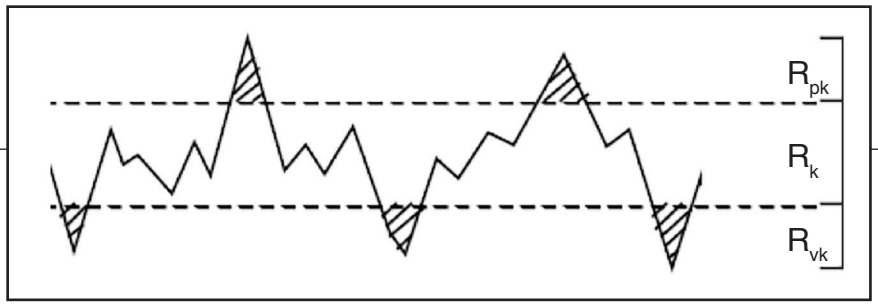
Rpk, Rk y Rvk han reemplazado a Ra como las líneas más importantes para la medición del acabado de los cilindros. Estas ofrecen una descripción mucho más concreta de la superficie real del acabado de los cilindros.

Radio de curva de los rodamientos (porcentaje de contacto entre materiales de la pared del cilindro y el anillo)

Definition of Roughness Characteristics by DIN EN ISO 13 565 (1998.04)

A_1	Peak material volume
A_2	Area valley ratio
R_k	Core roughness depth
R_{pk}	Reduced peak height
R_{vk}	Reduced valley depth
M_{r1}	Peak material ratio
M_{r2}	Valley material ratio





Reducimiento de los picos de altura (Rpk)
La parte superior de la superficie, que se desgastará rápidamente cuando el motor empiece a funcionar

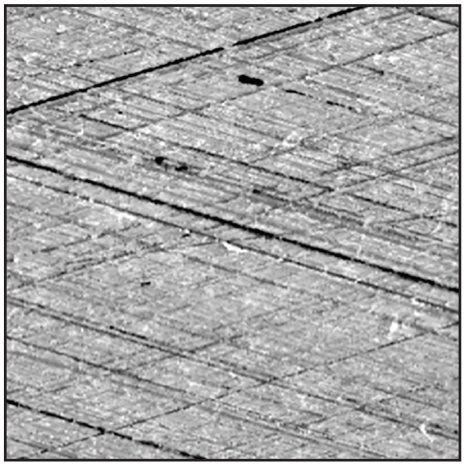
Profundidad de rugosidad del núcleo (Rk)
La superficie de rodadura a largo plazo, que influirá en el rendimiento y la vida útil del cilindro.

Reducimiento de la profundidad (Rvk)
La capacidad de retención de aceite de los canales profundos, que han sido mecanizados a la superficie.

RECOMENDACIONES DE LA INDUSTRIA

Consideraciones generales:
Buen rendimiento y duración
Rpk: 8-12 micropulgadas (<12 óptimo)
Rk: 25-35 micropulgadas (25 óptimo)
Rvk: 40-50 micropulgadas (40 óptimo)
Ra: 15-20 micropulgadas y 12-23 aceptable

Pro-Stock y NASCAR:
Un acabado mucho más fino, menos duración, pero menos fricción
Rpk: 3-5 micropulgadas
Rk: 12-18 micropulgadas
Rvk: 20-25 micropulgadas



RETENCIÓN DE ACEITE Y ÁNGULO DE ESTRÍAS CRUZADAS

Retención de aceite (valles en la superficie del orificio)

• Rvk tiene una correlación muy fuerte con el consumo de aceite.

• Un Rvk excesivo conduce a un alto consumo de aceite y a una rotación excesiva de los anillos.

• Un Rvk insuficiente puede ocasionar el desgaste excesivo de los anillos y los cilindros.

Ángulo de escotilla cruzada

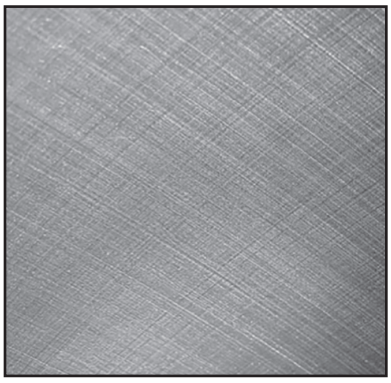
• Instalación típica al automóvil: 45° entre sí (o 22°-32° respecto a la superficie de la cubierta horizontal).

• El ángulo de escotilla cruzada debe ser el mismo en todo el cilindro y no debe variar en los extremos.

• Rendimiento de los anillos de tensión baja: 20°-30°.

• Nikasil® - Cilindros térmicos - Cilindros Hipereutécticos: 10°-15 °.

Fuente: ángulo de escotilla cruzada, datos proporcionados por Sunnen Products Company.



BRUÑIDO (CONSIDERACIONES GENERALES)

Prácticas estándar de bruñido
Eliminación de material

• ..0030” con arenilla de piedra 80-100
  - Eliminación masiva de material; produce valles profundos.

• ..0015” con arenilla de piedra 280-320
  - Prepara la rugosidad del núcleo; regula la profundidad de los valles.

• ..0005” con arenilla de piedra 400-600
  - Prepara los atributos de las mesetas.

Acabado

• Cepillo de fibras nailon con arenilla abrasiva 320

O

• Arenilla de piedra con corcho granulado 800
  - Elimina los defectos de la superficie ocasionados por el bruñido.

BRUÑIDO (MOTORES DE CARRERAS)

Prácticas estándar de bruñido
Eliminación de material

• EHU412 arenilla de piedra 150
  - Eliminación masiva de material; produce valles profundos

• ..0020” con arenilla de piedra JHU623 280
  - Prepara la rugosidad del núcleo; regula la profundidad de los valles

• ..0003” con arenilla de piedra C30J95 500
  - Se deben cortar estas piedras para que tengan 2,750” de largo
  - Prepara los atributos de las mesetas

Rpk: <10 micropulgadas
Rvk: 18-25 micropulgadas

ACABADO DE LOS CILINDROS

ERRORES COMUNES EN LOS ACABADOS

Ranuras cruzadas de forma irregular
Causas: variación de los índices de reciprocidad, degradación de las piedras con carga y descomposiciones alternadas, piedra demasiado dura o arenilla demasiado gruesa.

Efecto: pobre distribución o rendimiento de aceite, rodaje errático.

Surcos de escotilla cruzados anchos y profundos
Causas: arenilla de piedra demasiado gruesa, excesiva presión de piedra, pobre descomposición de piedra, lubricante insuficiente.

Efecto: desgaste anormal, consumo excesivo de aceite, período de rodaje pobre y variable.

Corte unidireccional
Causas: uso excesivo de los componentes de afilado.

Efecto: desgaste rápido, pobre asentamiento, rotación excesiva de los anillos, reducción del control de aceite.

Ángulo de escotilla cruzada
Causas: baja velocidad de alternancia en comparación con las RPM utilizadas.

Efectos: desgaste excesivo ocasionado por fuerzas de alto impacto, mala distribución del aceite, ralentización en el rodaje de los anillos.

Ranura de escotilla cruzada plegada y fragmentada
Causas: arenilla de piedra demasiado gruesa o grado demasiado blando, lubricante insuficiente.

Efecto: rascado, desgaste elevado, elevación de las temperaturas del anillo, consumo de aceite alto y errático.

Demasiadas mesetas
Causas: arenilla de piedra demasiado gruesa, eliminación de material por corte insuficiente.

Efecto: desgaste excesivo de los anillos, altas temperaturas.

Meseta barnizada
Causas: presión de piedra excesiva, piedras pesadas (grado demasiado duro), lubricante insuficiente.

Efecto: disminuye el asentamiento y aumenta el consumo de aceite.

Vacíos excesivos en la pared del cilindro
Causas: presión de piedra excesiva, piedras pesadas (grado demasiado duro), lubricante insuficiente.

Efecto: aumenta el consumo de aceite, desgaste rápido, reduce la uniformidad de motor a motor.

REVISIÓN DE LOS ESPACIOS ENTRE LOS ANILLOS DE COMPRESIÓN

DISTANCIA RECOMENDADA ENTRE LOS ANILLOS DE COMPRESIÓN

CYLINDER DIAMETER IN MILLIMETERS	RING GAP TOLERANCE IN MILLIMETERS
25.4 to 60.00496	0.1524 to 0.3556
60.0075 to 74.99096	0.2032 to 0.4064
74.9935 to 89.97696	0.254 to 0.508
89.9795 to 109.9795	0.3048 to 0.5588
109.982 to 129.982	0.3556 to 0.6604
129.9845 to 149.9845	0.4064 to 0.762
149.987 to 175.0035	0.508 to 0.889
175.006 to 228.5975	0.6096 to 1.0414

CYLINDER DIAMETER IN INCHES	RING GAP TOLERANCE IN INCHES
1.0000 to 2.3624	.006 to .014
2.3625 to 2.9524	.008 to .016
2.9525 to 3.5424	.010 to .020
3.5425 to 4.3299	.012 to .022
4.3300 to 5.1174	.014 to .026
4.3300 to 5.1174	.016 to .030
5.9050 to 6.8899	.020 to .035
6.8900 to 8.9999	.024 to .041

Un hecho importante a recordar es que los fabricantes respetan de forma muy estricta estas tolerancias y que las separaciones entre los anillos se inspeccionan en calibres precisos .0001” en el diámetro del cilindro para el que se fabrica el anillo. Cualquier aumento en el diámetro del cilindro en el que se utilice el anillo sobre el tamaño señalado resulta en un aumento de aproximadamente .003” en el espacio del anillo por cada .001” en el diámetro del cilindro.

حلقات مكبس HASTINGS.
مصنوعة للعالم.

منذ عام 1915، كانت شركة Hastings Manufacturing Company قوة عالمية في تصميم وصناعة حلقات المكبس. ومع خط شامل من حلقات المكبس المتاحة اليوم، تصنع Hastings حلقات المكبس لكل نوع من أنواع المحركات - السيارات والشاحنات والدراجات النارية وآلات المروج والحدائق، والضواغط، والسفن البحرية، والآلات الزراعية، وسباقات الأداء. في تقديم الخدمة لمصنعي المعدات الأصلية في جميع أنحاء العالم، تصمم Hastings وتنتج حلقات المكبس لجميع العلامات التجارية الموثوقة والمعروفة في جميع أنحاء العالم.

في Hastings، لا نصنع سوى حلقات المكابس فقط - ولأسباب جيدة. نحن نؤمن أن تصنيع أفضل منتج يحتاج للتركيز المفرد والمستمر يجعلنا ذلك نركز على أفضل ما نقوم به:
منح الثقة الفائقة للعملاء في جميع أنحاء العالم. تقدم Hastings ما يرغب العالم في الحصول عليه بشأن حلقات المكبس: الدقة والأداء والثقة، بغض النظر عن الاستخدام أو المحرك.
فإذا كان متواجدًا محرك احتراق داخلي، فإنه سيعمل بطريقة ألإضل مع حلقات مكبس Hastings.

بادئات حلقات الكبّاس

جوانب مهمة من إعادة بناء المحرك

- افتقار المحرك للنظافة
- تشطيل خشن/رديء لمدخل التجويف
- خشونة في الجانب السفلي من التجويف
- لمسة نهائية رديئة لتجويف الأسطوانة
- اتخاذ مسار حلزوني يدوي للحلقات على المكبس
- انتشار مكثف للحلقات يدويًا على المكبس
- عدم استخدام/استخدام غير صحيح لضاغط الحلقة
- تلف المكبس – الخدوش، تلف الحز

العديد من الأشياء ليست خطأ من يقوم بإعادة البناء

- أجهزة الكمبيوتر (معايرة سيئة)
- المستشعرات (مستشعر سيء)
- صمام EGR (عوادم كثيرة)
- مشعب السحب (الأتربة والتسريب وحرارة التشغيل)

أشياء تتذكرها أثناء تركيب الحلقة

- أدخل الحلقات مباشرة في التجويف وقس فجوة الطرف باستخدام مقياس تحسسي
- اضبط الفجوة إذا لزم الأمر بملء كلا جانبي الفجوة بالتساوي
- استخدم أداة موسع الحلقة لتركيب الحلقات على المكبس، وذلك لكيلا تتشوه الحلقة - لا تتخذ طريقًا لولبيًا على الحلقات
- ثم بتثبيت حلقات الاتجاه بحيث تكون النقطة لأعلى (وإلا فقد يتم ضخ الزيت)
- قم بتركيب حلقة زيت 3 قطع 2.0 مم بحيث تكون نقاط أداة الموسع لأعلى لتفادي السقوط في فتحة/منفذ التصريف في الجانب السفلي من حز الزيت
- يبتعد موقع التمايل للفجوات الطرفية عند كل حلقة بمقدار 180 درجة
- نظّف التجويفات باستخدام ماء ساخن وصابون وفرشاة فرك؛ امسح باستخدام خرقة بيضاء نظيفة للتحقق من عدم وجود أي بقـ
- قم بتزييت جدران الأسطوانة والحلقات بقدر ضئيل من زيت المحرك العادي غير الصناعي
- أحكم ربط ضاغط الحلقة بحيث لا تلتصق الحلقات بحافة الأسطوانة أو تنبثق في التجويف (لا تضغط بقوة على المكبس إذا كان عالقًا)
- التشغيل الأولي النموذجي للمحرك: استخدم زيت محرك تقليدي - غيّر الزيت بعد أول 3 آلاف ميل/ 4828 كيلومتر. لا تستخدم سوى زيت محرك أصلي إذا كان ذلك محددًا من قِبل الجهة الصناعية

أداة تركيب حلقات الكبّاس

تتميّز أداة تركيب الحلقات العملية هذه بأنها زهيدة الثمن وسهلة الاستخدام. كل ما عليك فعله هو إدخال أطراف الحلقة في فكوك الأسفين، وقم بتوسيع الحلقة بلطف، وقم بزلقها داخل الحز. مثالي أيضًا لإزالة الحلقات بسهولة، دون أضرار.

طريقة استخدام هذا الكتالوج - أوصاف الرموز

عدد الأسطوانات

الارتفاع (مم)

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
ACURA											
D16A1	1590	4	1986-89	1.6L Integra	75.00	1.20	2.92	398 BF CR S	**2C4640**	4 Cyl.	STD
						1.50	3.23	401 SCRP PC GI	**2C4640010**		0.25
						2.80	3.30	859 FV CR	**2C4640020**		0.50
								732 FV CR	**2C4640030**		0.75

تعيين المحرك

السعة الحجمية

العام

الطراز

التجويف (مم)

الحد الأقصى للجدار الشعاعي (مم)

النوع والوصف

رقم الجزء

التعبئة

الأبعاد

حلقات الضغط من الحديد المصبوب
بدون بادئة..... حلقات من الحديد المصبوب أو زيت الكروم
البادئة C2 حلقات الضغط العلوية من الكروم
حلقات من زيت الكروم
بادئة M2..... حلقات الضغط العلوية من المولي
حلقات من زيت الكروم
بادئة D2..... له العديد من مختلف أنواع الطلاء لجانب مقدمة الحلقة
والمواد الملائمة
لتصميمات محركات الديزل الحديثة
N2..... يحتوي على مكونات نتريد
(حلقات علوية أو 3 قطع من الحلقات الزيتية)
SN..... نتريد من الفولاذ المقاوم للصدأ
(حلقات علوية أو 3 قطع من الحلقات الزيتية)

الرموز واختصارات المواد

PCO1..... زيت 1 قطعة
PCO2..... زيت 2 قطعة
FV..... فتحة مرنة 3 قطع
BF..... سطح الأنبوب
CC..... كروم سيراميك
CR ..... كروم
CHR..... قضيب كروم
CI..... حديد كربيد
CF ..... كونفورماتيك
CF KST..... أساس كونفورماتيك
DI..... حديد قابلٌ للسحْب
FKST..... أساس كامل
GI..... حديد رمادى
PC..... مطلي بالفوسفات
PM..... مولي بلازما
RVT..... التواء معكوس
RVT BF.....سطح أنبوب بالتواء معكوس
SCRP..... مكشطة
SCRP TF..... وجه مستدق الطرف للمكشطة
SS..... فولاذ مقاوم للصدأ
S..... فولاذ
SN..... نيتريد من الفولاذ
ST..... سطح مستقيم
TF..... وجه مستدق الطرف
TFN..... نابيير ذو وجه مستدق الطرف
TFN CI.....حديد كربيد لنابيير ذو وجه مستدق الطرف
T..... التواء
TBF..... سطح الأنبوب ملتوٍ
TTF..... وجه مستدق الطرف ملتوٍ
CR3..... كروم ثلاثي

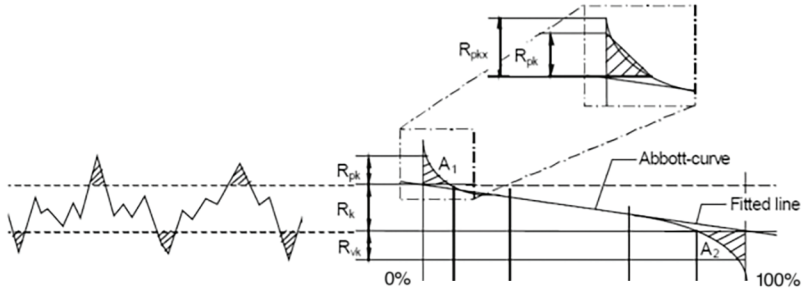
اللمسة النهائية للتجويف

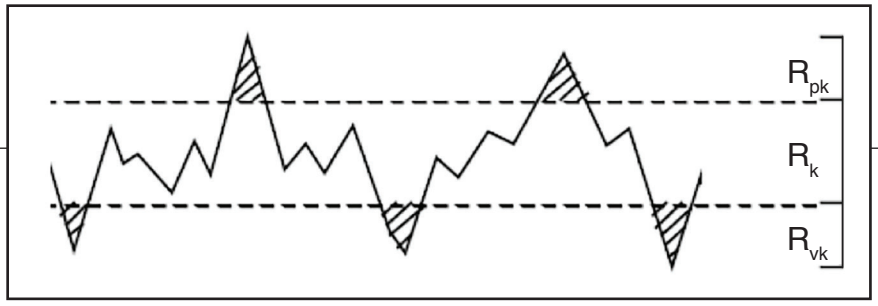
حل Rpk وRk وRvk محل Ra باعتبارها خطوط الأساس الأكثر أهمية بالنسبة لقياس اللمسة النهائية للتجويف.
كما أنها تمثل الكثير من الوصف المحدد لسطح اللمسة النهائية للتجويف الفعلي.

منحنى معدل الاحتمال **(النسبة المئوية لتلامس المواد بين جدار الاسطوانة والحلقة)**

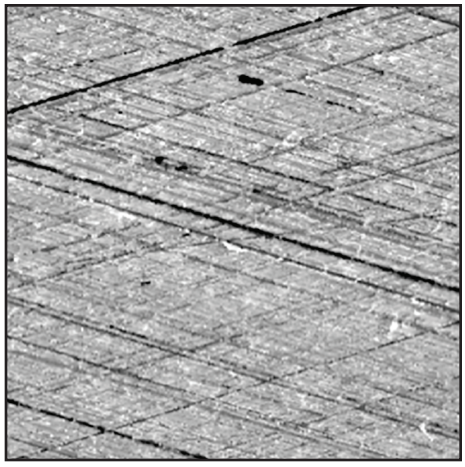
Definition of Roughness Characteristics by DIN EN ISO 13 565 (1998.04)

A_1	Peak material volume
A_2	Area valley ratio
R_k	Core roughness depth
R_{pk}	Reduced peak height
R_{vk}	Reduced valley depth
M_{r1}	Peak material ratio
M_{r2}	Valley material ratio





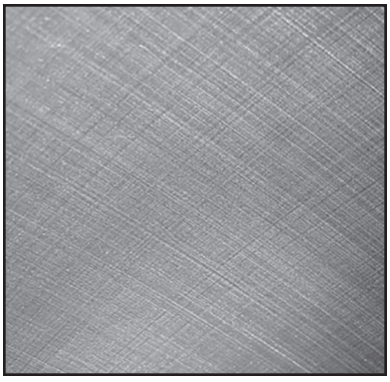
ارتفاع الذروة المنخفض (Rpk)
الجزء العلوي من السطح الذي سيتآكل سريعًا عند بدء تشغيل المحرك
عمق خشونة القلب (Rk)
سطح التشغيل طويل الأمد، الذي سيؤثر في الأداء وفترة التشغيل للأسطوانة
عمق الوادي المنخفض (Rvk)
قدرة الاحتفاظ بالزيت للأحواض العميقة، التي تم تشغيلها على السطح



توصيات الصناعة

طلبات عامة:
أداء جيد مع فترة تشغيل ملائمة
Rpk: 8-12 ميكرو بوصة (<12 المثالي)
Rk: 25-35 ميكرو بوصة (25 المثالي)
Rvk: 40-50 ميكرو بوصة (40 المثالي)
Ra: 40-50 ميكرو بوصة ومسموح بـ 12-23

Pro-Stock & NASCAR:
لمسة نهائية أكثر نعومة، فترة تشغيل أقل،
ولكن أقل احتكاكًا
Rpk: 3-5 ميكرو بوصة
Rk: 12-18 ميكرو بوصة
Rvk: 20-25 ميكرو بوصة



الاحتفاظ بالزيت وزاوية الخطوط المتقاطعة

الاحتفاظ بالزيت (أودية في سطح التجويف)

- **يتميز Rvk بوجود معامل قوي للغاية بالنسبة لاستهلاك الزيت**
- يؤدي Rvk الشديد إلى استهلاك شديد للزيت ودوران شديد للحلقة
- يمكن أن يؤدي Rvk غير الكافي إلى تآكل شديد للحلقة والتجويف

زاوية المقطع العرضي

- **تطبيق نموذجي في السيارات: 45° لكل منها (أو 22°-32° إلى السطح الأفقي)**
- **يجب أن تكون زاوية المقطع العرضي نفسها خلال طول**

الأسطوانة وألا تتسطح عند أي طرف

- **أداء الدوران لحلقات الشد المنخفض: 20°- 30°**
- **Nikasil®** - الرش الحراري للتجويفات - تجويفات المادة المنصهرة: **10°-15°**

المصدر: بيانات زاوية الخطوط المتقاطعة بواسطة شركة Sunnen Products Company

الشحذ (محركات السباقات)

ممارسات الشحذ القياسية

إزالة المخزون

- 150 EHU412 حجر الحصباء

– إزالة المخزون الكلي;

ينتج عنه أودية عميقة

- .0020" مع 280 JHU623 من حصباء الحجر

– تحضير خشونة القلب؛

ينظم عمق الأودية

- .0003" مع 500 C30J95 من حصباء الحجر

– تحتاج تلك الأحجار إلى القطع

حتى طول 2.750"

– تحضير سمات الهضبة

Rpk: < 10 ميكرو بوصة

Rvk: 18-25 ميكرو بوصة

الشحذ (طلبات عامة)

ممارسات الشحذ القياسية

إزالة المخزون

- .0030" مع 80-100 من حصباء الحجر

– إزالة المخزون الكلي;

ينتج عنه أودية عميقة

- .0015" مع 280-320 من حصباء الحجر

– تحضير خشونة القلب؛

ينظم عمق الأودية

- .0005" مع 400-600 من حصباء الحجر

تابع اللمسة النهائية للتجويف

العيوب الشائعة من اللمسة النهائية الجيدة للتجويف

تباعد غير منتظم لحزوز المقطع العرضي
الأسباب: تباين معدلات التبادل، وهبوط في الأحجار مع تحميل وهبوط بديل،
درجة الحجر صعبة للغاية و/أو الحصباء خشنة للغاية
التأثير: توزيع رديء للزيت، وعدم انتظام التشغيل، واقتصاد رديء في استهلاك الزيت
حزوز المقطع العرضي العميقة والواسعة
الأسباب: حصباء الحجر خشنة للغاية، ضغط متزايد على الحجر، وتدهور رديء للحجر، ومادة تشحيم غير كافية
التأثير: التسبب في التآكل غير الطبيعي، واستهلاك الزيت الكثير وفترة بدء تشغيل رديئة ومتغيرة
قطع اتجاه واحد
الأسباب: اللعب الكثير في مكونات الشحذ
التأثير التسبب في التآكل السريع، والتركيز الرديء، والدوران الكبير للحلقة، وخفض التحكم في الزيت
زاوية مقطع عرضي منخفضة
الأسباب: معدل تبادل منخفض مقارنة بمعدل عدد اللفات في الدقيقة المستخدم
التأثيرات: قوى عالية التأثير تتسبب في تآكل شديد، وتوزيع رديء للزيت، وبطء في التشغيل الأولي للحلقات
يتم طيّ وتجزئة حز الخطوط المتقاطعة
الأسباب: حصباء الحجر خشنة للغاية و/أو ناعمة للغاية، مواد التشحيم غير كافية
التأثير: يتسبب في الخدش والتآكل الكبير ورفع درجات حرارة الحلقات واستهلاك قدرٍ كبير ومتغير من الزيت
هضبة صغيرة جدًا
الأسباب: تآكل شديد لحصباء الحجر، وإزالة غير كافية للمخزون في كل قطع
التأثير تآكل شديد للحلقة وارتفاع درجات الحرارة
هضبة مزججة
الأسباب: ضغط كثيف على الأحجار، وأحجار محملة (بدرجة صعبة للغاية)، ومادة تشحيم غير كافية
التأثير تبطيء التركيز وزيادة في استهلاك الزيت
الفراغات الكبيرة في جدار الأسطوانة
الأسباب: ضغط كثيف على الأحجار، وأحجار محملة (بدرجة صعبة للغاية)، ومادة تشحيم غير كافية
التأثير زيادة استهلاك الزيت، سرعة التآكل، تقليل التوحيد من محرك إلى محرك

الخلوص الموصى به لفجوات حلقة الضغط للسيارات

حقيقة مهمة يلزم تذكر أنه يجب الالتزام التام بتلك التفاوتات من قِبل الجهات المصنعة
وأن تخضع فجوات الحلقات في مقاييس دقيقة لـ .0001" عند قطر الأسطوانة التي يتم تصنيعها للحلقة. تؤدي أي زيادة في قطر الأسطوانة للحلقة المستخدمة، وذلك فيما يتجاوز الحجم المخصص، إلى زيادة قدرها .003" تقريبًا في فجوة الحلقة بالنسبة لكل زيادة مقدارها .001" في قطر الأسطوانة.

CYLINDER DIAMETER IN MILLIMETERS	RING GAP TOLERANCE IN MILLIMETERS
25.4 to 60.00496	0.1524 to 0.3556
60.0075 to 74.99096	0.2032 to 0.4064
74.9935 to 89.97696	0.254 to 0.508
89.9795 to 109.9795	0.3048 to 0.5588
109.982 to 129.982	0.3556 to 0.6604
129.9845 to 149.9845	0.4064 to 0.762
149.987 to 175.0035	0.508 to 0.889
175.006 to 228.5975	0.6096 to 1.0414

CYLINDER DIAMETER IN INCHES	RING GAP TOLERANCE IN INCHES
1.0000 to 2.3624	.006 to .014
2.3625 to 2.9524	.008 to .016
2.9525 to 3.5424	.010 to .020
3.5425 to 4.3299	.012 to .022
4.3300 to 5.1174	.014 to .026
4.3300 to 5.1174	.016 to .030
5.9050 to 6.8899	.020 to .035
6.8900 to 8.9999	.024 to .041

SEGMENTS DE PISTONS DE HASTINGS
FAITS POUR LE MONDE

Depuis 1915, l'entreprise Hastings Manufacturing a été un leader mondial dans la conception et fabrication de segments de piston. Avec la gamme la plus complète de segments de piston disponibles aujourd'hui, Hastings des segments de piston pour pratiquement tout type de moteur, les voitures, les camions, les motos, les pelouses et les jardins, les compresseurs, la marine, l'agriculture et les compétitions de course. Au service des fabricants de pièce de rechange d'origine du monde, Hastings conçoit et fabrique des segments de pistons pour les marques les plus reconnues et les fiables du monde.

Chez Hastings, nous fabriquons uniquement des segments de piston, et pour une bonne raison. Nous croyons que la fabrication du meilleur produit nécessite une concentration unique et constante. Cela nous permet de rester concentré sur ce que nous faisons de mieux: offrir la plus grande confiance pour les clients du monde. Hastings fournit ce que le monde veut dans les segments de piston : la précision, la performance, et la confiance, peu importe le moteur ou l'application. Si cela a un moteur à combustion interne, ça va fonctionner mieux et plus longtemps avec les segments de piston de Hastings.

ASPECTS IMPORTANTS DE LA RECONSTRUCTION DE MOTEUR

- Manque de propreté du moteur
- Les chanfreins de l'entrée d'alésage sont durs/imparfaits
- Bavure en bas de l'alésage
- Fini d'alésage de cylindre de mauvaise qualité
- Segments en spirale montés manuellement sur le piston
- Excès de segments montés manuellement sur le piston
- Non utilisation/mauvaise utilisation de compresseur de segments
- Endommagement du piston – endommagement des dents, des rainures

PLUSIEURS CHOSES NE SONT PAS DUES À DES ERREURS DES RECONSTRUCTEURS

- Ordinateurs (mauvaise calibration)
- Capteurs (mauvais capteur)
- Soupape EGR (trop d'échappement)
- Tubulure d'admission (débris, fuite, chauffe)

CHOSES À NE PAS OUBLIER LORS DE L'INSTALLATION DES SEGMENTS

- Insérez carrément les segments dans l'alésage et mesurez les ouvertures à l'aide d'une jauge d'épaisseur
- Ajustez l'ouverture en remplissant les deux côtés de l'ouverture de manière équitable
- Utilisez un outil d'élargissement afin d'installer les segments sur le piston, alors pour ne pas déformer le segment, ne montez pas les segments en spirale
- Installez les segments directionnels avec le point en haut (sinon un pompage d'huile peut se produire)
- Installez un segment racleur de 2.0 mm à 3 pieces avec les points de l'élargisseur vers le haut pour éviter d'avoir le trou de vidange au bas de la rainure d'huile.
- Écartez les ouvertures sur chaque segment de 180 degrés.
- Nettoyez les alésages avec de l'eau savonneuse chaude et une brosse, et essuyez avec un chiffon blanc et propre pour enlever tout résidu.
- Huilez légèrement les parois du cylindre et les segments avec une huile de moteur régulière non synthétique
- Serrez adéquatement le compresseur des segments, pour que les segments ne se coincent pas au bout du cylindre ni sortent vers l'alésage (Ne forcez pas le piston s'il est suspendu)
- Rodage du moteur : utilisez une huile de moteur conventionnelle — changez l'huile après les premières 4 828 kilomètres. Utilisez uniquement l'huile de moteur synthétique, si cela est spécifié par la fabricant

OUTIL D'INSTALLATION DE SEGMENTS DE PISTONS

Cet outil d'installation de segments n'est pas cher et est facile à utiliser.
Insérez juste les bouts des segments dans la mâchoire à encoche.
écartez le segment légèrement, et placez-le dans la rainure.
Utile aussi pour démonter les segments facilement et sans dégâts.

COMMENT UTILISER LES DESCRIPTIONS DES ICÔNES DE CE CATALOGUE

	CC	CYL / ENG						REF LEGEND PAGES 8-11	SET #	CYL / SET	mm
ACURA											
D16A1	1590	4	1986-89	1.6L Integra	75.00	1.20	2.92	398 BF CR S	2C4640	4 Cyl.	STD
						1.50	3.23	401 SCRP PC GI	2C4640010		0.25
						2.30	3.30	859 FV CR	2C4640020		0.50
								732 FV CR	2C4640030		0.75

DÉSIGNATION DU MOTEUR

NOMBRE DE CYLINDRES

MODÈLE

HAUTEUR (mm)

TYPE ET DESCRIPTION

EMBALLAGE

CAPACITÉ CUBIQUE

ANNÉE

ALÉSAGE (mm)

PAROI RADIALE MAXIMALE (mm)

NUMÉRO DE PIÈCE

DIMENSION

PRÉFIXES DES SEGMENTS DE PISTONS

Sans Préfixe... Segments de compression en fonte moulée
Segments racleurs en chrome ou en fonte

Préfixe 2C..... Segments de compression supérieurs en chrome
Segments racleurs en chrome

Préfixe 2M..... Segments de compression supérieurs Moly
Segments racleurs en chrome

Préfixe 2D ..... Ont différents revêtements de face de segments et des matériaux adaptés pour des conceptions de moteurs diesel modernes

2N..... Contient des composants de nitrure (segments supérieurs ou segments racleurs à 3 pièces)

CODES ET ABRÉVIATION DE MATÉRIAUX

1PCO ..... HUILE 1 PIÈCE

2PCO ..... HUILE 2 PIÈCES

FV..... PURGEUR D'AIR 3 PIÈCES

BF..... EMBASE DE CYLINDRE

CC ..... CHROME CÉRAMIQUE

CR ..... CHROME

CHR..... RAIL EN CHROME

CI..... FER EN CARBURE

CF..... CONFORMATIC

CF KST..... CONFORMATIC KEYSTONE

DI..... FONTE DUCTILE

FKST ..... KEYSTONE COMPLET

GI..... FONTE GRISE

GL..... VERROUILLAGE À RAINURE

HKST..... KEYSTONE À MOITIÉ

DI..... TRACTION ÉLEVÉE

KYS..... KEYSTONE

N..... NAPIER

GN..... À NITRURE

PVD GN ..... NITRURE PVD

PC ..... REVÊTU EN PHOSPHATE

PM..... PLASMA MOLLY

RVT ..... TORSION ALTERNÉE

RVT BF..... TORSION ALTERNÉE EMBASE DE CYLINDRE

SCRP ..... RACLEUR

SCRP TF..... RACLEUR FACE CONIQUE

SS..... ACIER INOXYDABLE

S ..... ACIER

SN ..... NITRURE D'ACIER

ST..... FACE DROITE

TF ..... FACE CONIQUE

TFN ..... NAPIER FACE CONIQUE

TFN CI..... NAPIER FACE CONIQUE FER EN CARBURE

T ..... TORSION

TBF..... EMBASE DE CYLINDRE À TORSION

TTF..... FACE CONIQUE À TORSION

3CR ..... CHROME TRIPLE

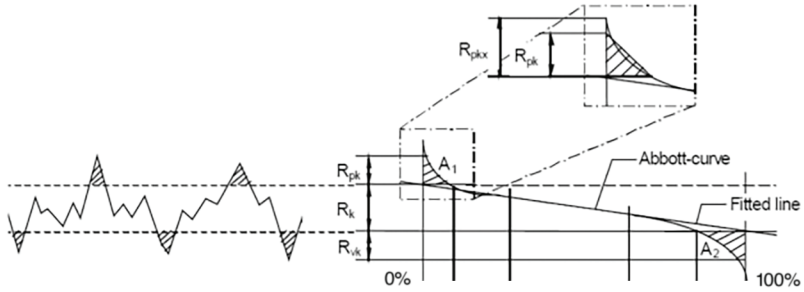
FINI D'ALÉSAGE

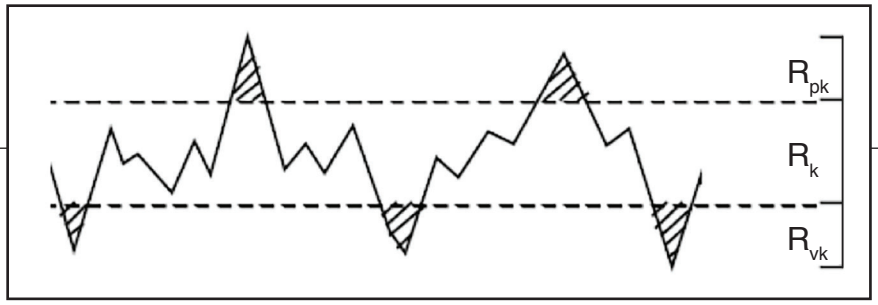
Rpk, Rk, et Rvk ont remplacé Ra comme la base de mesure la plus importante pour le fini d'alésage. Ils présentent une description plus définie de la surface réelle du fini d'alésage.

Courbe de l'indice portant (pourcentage du contact matériel entre la paroi du cylindre et le segment)

Definition of Roughness Characteristics by DIN EN ISO 13 565 (1998.04)

A_1	Peak material volume
A_2	Area valley ratio
R_k	Core roughness depth
R_{pk}	Reduced peak height
R_{vk}	Reduced valley depth
M_{r1}	Peak material ratio
M_{r2}	Valley material ratio





Reduced Peak Height (Rpk) (Hauteur de pointe réduite)
La portion supérieure de la surface qui s'usera rapidement lorsque le moteur commencera à fonctionner

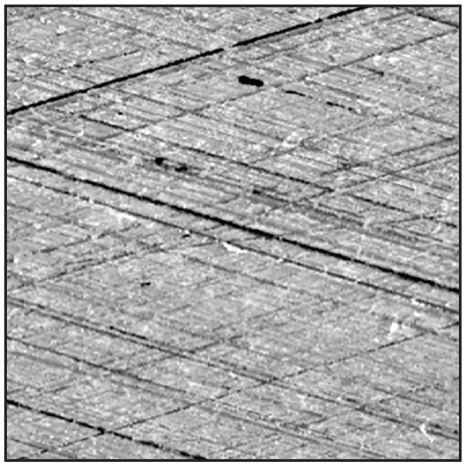
Core Roughness Depth (Rk) (Profondeur de rugosité)
La surface de fonctionnement à long terme qui influencera la performance et la durée de vie du cylindre

Reduced Valley Depth (Rvk) (Profondeur de creux réduite)
La capacité de rétention d'huile des creux profonds qui ont été usinés sur la surface.

RECOMMANDATIONS DE L'INDUSTRIE

Applications générales :
Bonne performance et durée de vie adéquate
Rpk : 8-12 micro-pouces (<12 optimal)
Rk : 25-35 micro-pouces (<25 optimal)
Rvk : 40-50 micro-pouces (<40 optimal)
Ra : 15-20 micro-pouces et 12-23 micro-pouces

Pro-Stock et NASCAR autorisés :
Un fini plus lisse, durée de vie réduite, mais moins de friction
Rpk : 3-5 micro-pouces
Rk : 12-18 micro-pouces
Rvk : 20-25 micro-pouces



RÉTENTION D'HUILE ET ANGLE DE QUADRILLAGE

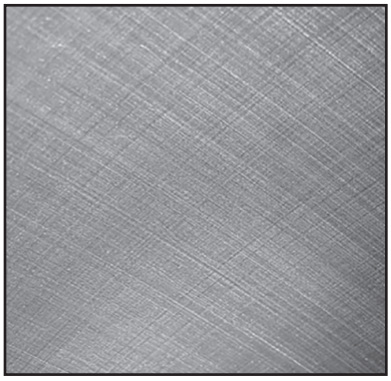
Rétention d'huile (creux dans la surface d'alésage)

- Rvk a une très forte corrélation avec la consommation d'huile
- Une Rvk excessive cause une forte consommation d'huile et une rotation excessive du segment
- Une Rvk insuffisante peut causer une usure excessive du segment et de l'alésage.

Angle de quadrillage

- Application auto typique : 45° l'un par rapport à l'autre (ou 22°-32° par rapport à la surface horizontale)
- L'angle de quadrillage doit être le même sur toute la longueur du cylindre et non pas aplatie à un bout ou à l'autre
- Segments de faible tension de course et de performance : 20°- 30°
- Nikasil® – Alésages à pulvérisation thermique – Alésages hypereuctique : 10°-15°

Source : Données de l'angle de quadrillage fournies par l'entreprise Sunnen Products



AIGUISAGE (APPLICATIONS GÉNÉRALES)

Pratiques standards de pierrage
Retrait de stock

- .0030" avec 80-100 grès
  - Retrait de stock en gros; produit des creux profonds
- .0015" avec 280-320 grès
  - Prépare une rugosité de base; règle la profondeur du creux
- .0005" avec 400-600 grès
  - Prépare les attributs du plateau

Fini

- Une brosse en nylon remplie par 320 grès abrasifs

OU

- Pierre à liant de liège de 800 grès
  - Enlève les défauts de surface laissés par l'aiguisage

RODAGE (MOTEURS DE COURSE)

Pratiques standards de pierrage
Retrait de stock

- EHU412 pierre à 150 grès
  - Retrait de stock en gros; produit des creux profonds
- .0020" avec JHU623 pierre à 280 grès
  - Prépare une rugosité de base; règle la profondeur du creux
- .0003" avec C30J95 pierre à 500 grès
  - Ces pierres doivent être coupées à une longueur de 2,750"
  - Prépare les attributs du plateau

Rpk : < 10 micro-pouce
Rvk : 18-25 micro-pouces

CONTENU DE FINI D'ALÉSAGE

DÉVIATIONS FRÉQUENTES PAR RAPPORT UN BON FINI D'ALÉSAGE

Cross hatch grooves irregularly spaced
Causes: Varying reciprocation rates, poor stone breakdown with alternate loading and breakdown, stone grade too hard and/or grit too coarse

Effect: Poor oil distribution, erratic break-in, poor oil economy

Wide, deep cross hatch grooves
Causes: Stone grit too coarse, excessive stone pressure, poor stone break-down, insufficient lubricant

Effect: Causes abnormal wear, excessive oil consumption, poor and variable break-in period

One directional cut
Causes: Excessive play in hone components

Effect: Causes rapid wear, poor seating, excessive ring rotation, lowers oil control

Low cross hatch angle
Causes: Low reciprocation rate compared to RPM used

Effects: High impact forces causing excessive wear, poor oil distribution, slower break-in of rings

Cross hatch groove folded and fragmented
Causes: Stone grit too coarse and/or grade too soft, insufficient lubricant

Effect: Causes scratching, high wear, raises ring temperatures, high and erratic oil consumption

Too little plateau
Causes: Stone grit too coarse, insufficient stock removal per cut

Effect: Excessive ring wear, high temperatures

Glazed plateau
Causes: Excessive stone pressures, loaded stones (too hard a grade), insufficient lubricant

Effect: Slows down seating-in and increases oil consumption

Excessive voids in cylinder wall
Causes: Excessive stone pressures, loaded stones (too hard a grade), insufficient lubricant

Effect: Increases oil consumption, rapid wear, reduces uniformity from engine to engine

VÉRIFIER LES OUVERTURES DES SEGEMENTS DE COMPRESSION

JEUX D'OUVERTURE DE SEGMENTS DE COMPRESSION AUTOMOBILE RECOMMANDÉS

CYLINDER DIAMETER IN MILLIMETERS	RING GAP TOLERANCE IN MILLIMETERS
25.4 to 60.00496	0.1524 to 0.3556
60.0075 to 74.99096	0.2032 to 0.4064
74.9935 to 89.97696	0.254 to 0.508
89.9795 to 109.9795	0.3048 to 0.5588
109.982 to 129.982	0.3556 to 0.6604
129.9845 to 149.9845	0.4064 to 0.762
149.987 to 175.0035	0.508 to 0.889
175.006 to 228.5975	0.6096 to 1.0414

CYLINDER DIAMETER IN INCHES	RING GAP TOLERANCE IN INCHES
1.0000 to 2.3624	.006 to .014
2.3625 to 2.9524	.008 to .016
2.9525 to 3.5424	.010 to .020
3.5425 to 4.3299	.012 to .022
4.3300 to 5.1174	.014 to .026
4.3300 to 5.1174	.016 to .030
5.9050 to 6.8899	.020 to .035
6.8900 to 8.9999	.024 to .041

Un important fait est de ne pas oublier que ces tolérances sont strictement respectés par les fabricants et que les ouvertures de segments sont inspectées par des jauges dont la précision est autour de 0001" pour le diamètre du cylindre auquel le segment a été fabriqué. Toute augmentation du diamètre du cylindre dans lequel le segment est utilisé, plus que la dimension mentionnée, cause une augmentation d'environ .003" dans l'ouverture pour chaque augmentation de.001" dans le diamètre de cylindre.

ПОРШНЕВЫЕ КОЛЬЦА HASTINGS. СДЕЛАНО ДЛЯ ВСЕГО МИРА.

Начиная с 1915 года компания Hastings Manufacturing является конструктором и производителем поршневых колец мирового масштаба. Имея на данный момент наиболее развитый сортамент производимых поршневых колец, компания Hastings производит поршневые кольца для практически любых типов двигателей — легковых, грузовых, мотоциклетных, компрессорных, морских, сельскохозяйственных и гоночных. Работая с производителями по всему миру, компания Hastings проектирует и изготавливает поршневые кольца для наиболее известных и признанных мировых торговых марок.

Компания Hastings производит только поршневые кольца — и на то есть причина. Мы считаем, что производство наилучшей продукции требует постоянной и направленной концентрации на одном виде изделий. Это помогает нам направить все усилия на то, чтобы добиться полной уверенности клиентов по всему миру в нашей продукции Hastings дает миру то, чего тот хочет от качественных поршневых колец: точность, эффективность и уверенность в надежности, вне зависимости от типа двигателя или сферы его использования. Если машина имеет двигатель внутреннего сгорания, она будет работать эффективнее и дольше с поршневыми кольцами от Hastings.

ВАЖНЫЕ АСПЕКТЫ ПРОЦЕССА ВОССТАНОВЛЕНИЯ ДВИГАТЕЛЕЙ

- Неудовлетворительная очистка двигателя
- Грубая/неровная поверхность фаски на входе в отверстие
- Заусенец на дне цилиндра
- Грубая поверхность цилиндра
- Натягивание колец на поршень вручную
- Приложение чрезмерных усилий при натягивании колец на поршень
- Некорректное использование приспособления для насаживания колец
- Повреждение поршня — вмятины, деформация канавок

МНОЖЕСТВО НЕИСПРАВНОСТЕЙ СЛУЧАЕТСЯ НЕ ПО ВИНЕ МАСТЕРА, ПРОВОДЯЩЕГО ВОССТАНОВЛЕНИЕ

- Компьютеры (плохая калибровка)
- Датчики (неисправный датчик)
- Клапан EGR (слишком большой выхлоп)
- Впускной коллектор (посторонние предметы, течи, перегрев)

ЧТО НЕОБХОДИМО ПОМНИТЬ ПРИ УСТАНОВКЕ ПОРШНЕВЫХ КОЛЕЦ

- Кольца необходимо вставлять перпендикулярно оси отверстия, измеряя зазор щупом
- Отрегулировать зазор можно путем равномерного подпиливания напильником обоих концов кольца
- Для установки кольца на поршень необходимо использовать специальный расширитель, позволяющий избежать деформации кольца — натягивать кольца по спирали не допускается
- Кольца, имеющие направление, устанавливать следует отметкой-точкой вверх (в противном случае возможно подкачивание масла)
- Чтобы избежать попадания расширителя 3-составного маслосъемного кольца 2 мм в антидренажное отверстие/канавку на дне смазочной канавки необходимо устанавливать его расширителем вверх
- Замки колец необходимо развести на 180 градусов относительно замков в соседних кольцах
- Очистку отверстия производить теплым мыльным раствором и жесткой щеткой; затем протереть чистой белой ветошью, чтобы проверить отсутствие остаточного загрязнения
- Слегка смазать стенки цилиндра универсальным не синтетическим моторным маслом
- Хорошо затянуть приспособление для сжатия колец, чтобы кольца не цеплялись за края цилиндра и не выскакивали из канавок (запрещается с силой вдавливать цилиндр, если он застрял)
- Стандартная процедура приработки двигателя: использовать универсальное моторное масло — заменить масло после первых 3 000 миль/ 4 828 километров пробега. Использовать только синтетическое моторное масло, если это необходимо согласно инструкциям производителя

ПРИСПОСОБЛЕНИЕ ДЛЯ УСТАНОВКИ ПОРШНЕВЫХ КОЛЕЦ

Этот удобный инструмент недорог и удобен в использовании. Нужно просто вставить кольцо в клиновидные губки, плавно расширить его и вставить в канавку.
Также с его помощью можно легко удалить кольцо, не повреждая его.

КАК ПОЛЬЗОВАТЬСЯ КАТАЛОГОМ

ОПИСАНИЕ ПИКТОГРАММ

КОЛИЧЕСТВО ЦИЛИНДРОВ

ВНУТРЕННИЙ ДИАМЕТР (mm)

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
ACURA											
D16A1	1590	4	1986-89	1.6L Integra	75.00	1.20	2.92	398 BF CR S	**2C4640**	4 Cyl.	STD
						1.50	3.23	401 SCRP PC GI	**2C4640010**		0.25
						2.80	3.30	859 FV CR	**2C4640020**		0.50
								732 FV CR	**2C4640030**		0.75

ГОД ВЫПУСКА

ОБЇЕМ ДВИГАТЕЛЯ В КУБ. СМ.

НАЗНАЧЕНИЕ ДВИГАТЕЛЯ

МОДЕЛЬ

ВЫСОТА (mm)

ТИП И ОПИСАНИЕ

УПАКОВКА

МАКСИМАЛЬНАЯ РАДИАЛЬНАЯ СТЕНКА (mm)

НОМЕР ДЕТАЛИ

ГАБАРИТНЫЕ РАЗМЕРЫ

ПРИСТАВКИ К НАИМЕНОВАНИЯМ ПОРШНЕВЫХ КОЛЕЦ

Нет приставки	Чугунные компрессионные кольца Чугунные или хромистые маслосъемные кольца
Приставка 2C	Хромированные компрессионные кольца Маслосъемные кольца из хромистой стали
Приставка 2M	Компрессионные кольца с молибденовым покрытием Маслосъемные кольца из хромистой стали
Приставка 2D	Кольца с различными покрытиями из различных материалов, соответствующие современной конструкции дизельных двигателей
2N	С нитридосодержащими компонентами (верхние кольца или 3-составные маслосъемные кольца)

ШИФРЫ И СОКРАЩЕНИЯ НАЗВАНИЙ МАТЕРИАЛОВ

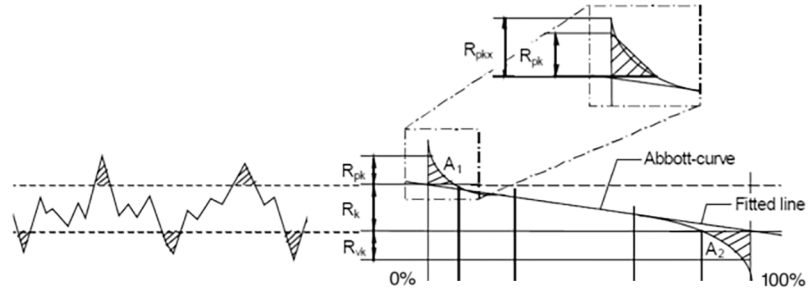
1PCO	1-СОСТАВНОЕ МАСЛОСЪЕМНОЕ
2PCO	1-СОСТАВНОЕ МАСЛОСЪЕМНОЕ
FV	3-СОСТАВНОЕ ЭЛАСТИЧНОЕ С ЗАЗОРОМ
BF	СКРУГЛЕННАЯ ФАСКА
CC	ХРОМИСТАЯ КЕРАМИКА
CR	ХРОМ
CHR	НАПРАВЛЯЮЩАЯ ИЗ ХРОМИСТОЙ СТАЛИ
CI	ЧУГУН С СОДЕРЖАНИЕМ КАРБИДОВ
CF	CONFORMATIC
CF KST	ПОРШЕНЬ С КЛИНОВИДНЫМИ КОЛЬЦАМИ CONFORMATIC
DI	ВЫСОКОПРОЧНЫЙ ЧУГУН
FKST	ЦЕЛЬНЫЙ ПОРШЕНЬ С КЛИНОВИДНЫМИ КОЛЬЦАМИ
GI	СЕРЫЙ ЧУГУН
GL	РАЗДЕЛИТЕЛЬНО-ЗАПОРНАЯ ШАЙБА
HKST	РАЗЪЕМНЫЙ ПОРШЕНЬ С КЛИНОВИДНЫМИ КОЛЬЦАМИ
DI	ВЫСОКОПРОЧНЫЙ
KYS	ПОРШЕНЬ С КЛИНОВИДНЫМИ КОЛЬЦАМИ
N	ТИПА NAPIER
GN	С ПОКРЫТИЕМ НИТРИДОМ
PVD GN	НИТРИД PVD
PC	ФОСФАТИРОВАННЫЙ
PM	ПЛАЗМЕННОЕ МОЛИБДЕНОВОЕ ПОКРЫТИЕ
RVT	С ВЫТОЧКОЙ НА ВНЕШНЕЙ ЦИЛИНДРИЧЕСКОЙ ПОВЕРХНОСТИ
RVT BF	С ВЫТОЧКОЙ НА ВНЕШНЕЙ ЦИЛИНДРИЧЕСКОЙ ПОВЕРХНОСТИ И ФАСКОЙ
SCRP	МАСЛОСЪЕМНОЕ КОЛЬЦО
SCRP TF	МАСЛОСЪЕМНОЕ КОЛЬЦО С КОНУСНОЙ ПОВЕРХНОСТЬЮ
SS	НЕРЖАВЕЮЩАЯ СТАЛЬ
S	СТАЛЬ
SN	НИТРИДИРОВАННАЯ СТАЛЬ
ST	С ЦИЛИНДРИЧЕСКОЙ ПОВЕРХНОСТЬЮ
TF	С КОНУСНОЙ ПОВЕРХНОСТЬЮ
TFN	С КОНУСНОЙ ПОВЕРХНОСТЬЮ И ВЫТОЧНОЙ ТИПА NAPIER
TFN CI	С КОНУСНОЙ ПОВЕРХНОСТЬЮ И ВЫТОЧНОЙ ТИПА NAPIER ИЗ ЧУГУНА С КАРБИДНЫМ УПРОЧНЕНИЕМ
T	С ВЫТОЧКОЙ НА ВНУТРЕННЕЙ ЦИЛИНДРИЧЕСКОЙ ПОВЕРХНОСТИ
TBF	С ВЫТОЧКОЙ НА ВНУТРЕННЕЙ ЦИЛИНДРИЧЕСКОЙ ПОВЕРХНОСТИ И СКРУГЛЕННОЙ ФАСКОЙ
TTF	С ВЫТОЧКОЙ НА ВНУТРЕННЕЙ ЦИЛИНДРИЧЕСКОЙ ПОВЕРХНОСТИ И КОНУСНОЙ НАРУЖНОЙ ПОВЕРХНОСТЬЮ
3CR	ТРОЙНОЕ ХРОМИРОВАНИЕ

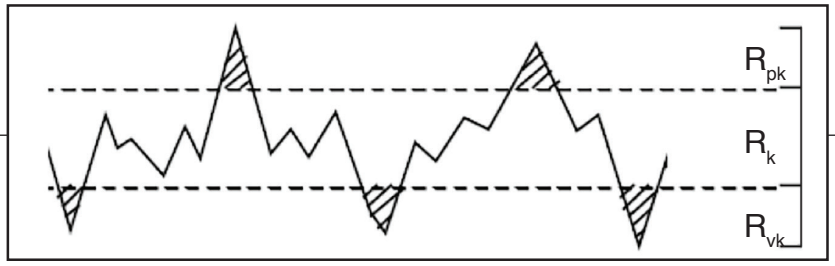
ШЕРОХОВАТОСТЬ ВНУТРЕННЕЙ ПОВЕРХНОСТИ ЦИЛИНДРА

При обозначении основных параметров шероховатости внутренних поверхностей цилиндров вместо Ra используются значения Rpk, Rk и Rvk. Они более точно характеризуют чистоту обработки поверхности

Опорная кривая профиля (доля поверхности контакта между цилиндром и поршневым кольцом)

Definition of Roughness Characteristics by DIN EN ISO 13 565 (1998.04)





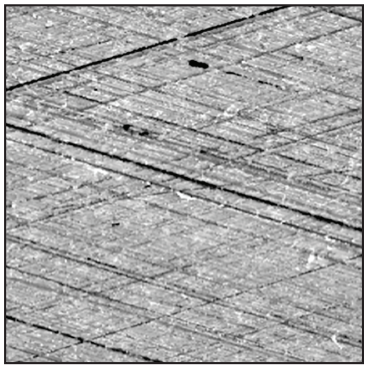
Уменьшенная высота пиков (Rpk)
Верхняя часть профиля поверхности изнашивается с большей скоростью, когда двигатель начинает работу.

Основная глубина микронеровностей (Rk)
Поверхность, длительное время подвергавшаяся изнашиванию, профиль которой влияет на рабочие характеристики цилиндра.

Уменьшенная глубина впадин (Rvk)
Способность поверхности удерживать масло в бороздах, образовавшихся при механической обработке

ПРОФЕССИОНАЛЬНЫЕ РЕКОМЕНДАЦИИ

Общее назначение:
Хорошие эксплуатационные характеристики и долгий срок службы
Rpk: 8-12 микродюймов (оптимально <12)
Rk: 25-35 микродюймов (оптимально <25)
Rvk: 40-50 микродюймов (оптимально <40)
Ra: 15-20 микродюймов (допускается 12-23)

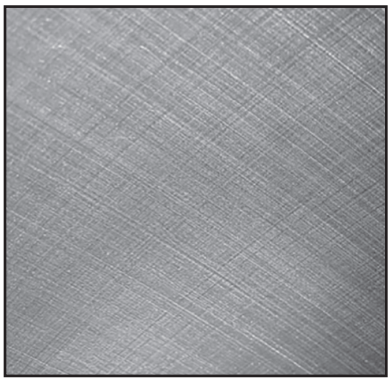


Pro-Stock и NASCAR:
Более гладкая поверхность, значительно более короткий срок службы, но меньшая сила трения
Rpk: 3-5 микродюймов
Rk: 12-18 микродюймов
Rvk: 20-25 микродюймов

СПОСОБНОСТЬ УДЕРЖИВАТЬ МАСЛО И УГОЛ НАСЕЧКИ

Способность удерживать масло (впадины на внутренней поверхности цилиндра)

- Показатель Rvk тесно связан с расходом масла
- Высокие значения Rvk вызывают повышенный расход масла и чрезмерное вращение колец Недостаточное значение Rvk может стать причиной высокой скорости изнашивания колец и стенок цилиндра



Угол насечки

- Стандартное значение для автомобильной промышленности: 45° относительно друг друга (или 22°-32° к горизонтальной поверхности)
- Угол косой насечки должен оставаться неизменным по всей высоте цилиндра и не должен переходить в горизонталь на каком-либо из концов
- Кольца низкого натяжения гоночных автомобилей: 20°- 30°
- Nikasil® — стенки цилиндров с термически напыленным покрытием — стенки цилиндров с заэвтектической структурой поверхности: 10°-15°

Источник: Данные по углу косой насечки предоставлены компанией Sunnen Products

ХОНИНГОВАНИЕ (ОБЩЕЕ НАЗНАЧЕНИЕ)

Стандартные методы хонингования
Удаление припусков

- 0.0030” при помощи шлифовального камня зернистостью 80-100
  — Удаление основной части припуска; образуются глубокие впадины
- 0.0015” при помощи шлифовального камня зернистостью 280-320
  — Подготовка базовой шероховатости; регулирует глубину впадин
- 0.0005” при помощи шлифовального камня зернистостью 400-600
  — Подготовка плоских участков

профиля финишная обработка

- абразивная щетка с нейлоновой щетиной зернистостью 320

ИЛИ

- шлифовальный камень с пробковым связующим зернистостью 800
  — Удаление поверхностных дефектов, оставшихся после хонингования

ХОНИНГОВАНИЕ (ДВИГАТЕЛИ ГОНОЧНЫХ АВТОМОБИЛЕЙ)

Стандартные методы хонингования
Удаление припусков

- Камень EHU412 зернистостью 150
  — Удаление основной части припуска; образуются глубокие впадины
- 0.0020” при помощи шлифовального камня JHU623 зернистостью 280
  — Подготовка базовой шероховатости; регулирует глубину впадин
- 0.0003” при помощи шлифовального камня C30J95 зернистостью 500
  — Такой камень необходимо укоротить до длины 2,750”.

— Подготовка плоских участков профиля

Rpk: до 10 микродюймов

Rvk: 18-25 микродюймов

КОНТРОЛЬ ЧИСТОТЫ ОБРАБОТКИ ПОВЕРХНОСТИ

РАСПРОСТРАНЕННЫЕ ДЕФЕКТЫ ОБРАБОТКИ ПОВЕРХНОСТИ

Борозды косой насечки расположены хаотично
Причины: Различная скорость возвратно-поступательного движения, неудовлетворительная степень разрушения камня при чередовании циклов нагружения и разрушения, слишком твердый камень или слишком грубое зерно.
Результат: Неудовлетворительное распределение масла, неправильное течение процесса приработки, увеличение расхода масла

Широкие, глубокие канавки насечки
Причины: Слишком грубое зерно, слишком большое усилие шлифования, неудовлетворительная степень разрушения камня, недостаточная степень смазки
Результат: Вызывает чрезмерную скорость изнашивания, повышенный расход масла, неправильный и неравномерный процесс приработки

Борозды расположены в одном направлении
Причины: Большой разброс в характеристиках материалов, использовавшихся в процессе хонингования
Результат: Вызывает быстрое изнашивание, плохую посадку, чрезмерное вращение колец, снижает способность удерживать масло

Малый угол насечки
Причины: Низкая скорость возвратно-поступательного движения по сравнению со скоростью вращения
Результат: Высокие динамические усилия, вызывающие чрезмерный износ, медленное протекание процесса приработки колец

Изменение направления и прерывистость борозд насечки
Причины: Слишком большая зернистость камня и/или слишком малая прочность связующего, недостаточность смазки
Результат: Вызывает появление царапин, высокой скорости изнашивания, повышение температуры колец, неоправданно высокий расход масла

Малое количество плоских участков профиля
Причины: Слишком грубое зерно шлифовального камня, недостаточное снятие припуска за проход
Результат: Повышенная скорость изнашивания колец, высокая температура

Слишком гладкие плоские участки профиля
Причины: Повышенное усилие шлифования, большая нагрузка на камень (для соответствующей марки), недостаточность смазки
Результат: Снижение скорости приработки и повышенный расход масла

Большие углубления в стенке цилиндра
Причины: Повышенное усилие шлифования, большая нагрузка на камень (для соответствующей марки), недостаточность смазки
Результат: Повышенный расход масла, быстрое изнашивание, большой разброс характеристик между двигателями

КОНТРОЛЬ ЗАЗОРОВ КОМПРЕССИОННЫХ КОЛЕЦ

РЕКОМЕНДУЕМЫЕ ЗНАЧЕНИЯ ЗАЗОРОВ В КОМПРЕССИОННЫХ КОЛЬЦАХ АВТОМОБИЛЕЙ

CYLINDER DIAMETER IN MILLIMETERS	RING GAP TOLERANCE IN MILLIMETERS
25.4 to 60.00496	0.1524 to 0.3556
60.0075 to 74.99096	0.2032 to 0.4064
74.9935 to 89.97696	0.254 to 0.508
89.9795 to 109.9795	0.3048 to 0.5588
109.982 to 129.982	0.3556 to 0.6604
129.9845 to 149.9845	0.4064 to 0.762
149.987 to 175.0035	0.508 to 0.889
175.006 to 228.5975	0.6096 to 1.0414

CYLINDER DIAMETER IN INCHES	RING GAP TOLERANCE IN INCHES
1.0000 to 2.3624	.006 to .014
2.3625 to 2.9524	.008 to .016
2.9525 to 3.5424	.010 to .020
3.5425 to 4.3299	.012 to .022
4.3300 to 5.1174	.014 to .026
4.3300 to 5.1174	.016 to .030
5.9050 to 6.8899	.020 to .035
6.8900 to 8.9999	.024 to .041

Не следует забывать, что указанные допуски производитель четко указывает соответствующие допуски, и что зазоры поршневых колец измеряют щупами с точностью до 0,0001 дюйма в цилиндре, для которого соответствующее кольцо было изготовлено. Любое изменение диаметра цилиндра, в котором используется кольцо в большую сторону приводит к увеличению зазора приблизительно на 0.003” на каждую 0.001” диаметра диаметра цилиндра.

HASTINGS PISTON RINGS.
MADE FOR THE WORLD.

Seit 1915 ist Hastings Manufacturing Company einer der weltweit führenden Hersteller in der Kolbenringentwicklung und Herstellung. Mit dem umfangreichsten Sortiment an Kolbenringen welches heute verfügbar ist. Hastings hat Kolbenringe für praktisch jeden Motorentyp für PKW, LKW, Motorräder, Gartentechnik, Kompressoren, Schiffsmotoren, Landwirtschaft- und Rennmotoren. Hastings entwickelt und fertigt Kolbenringe für OEM's weltweit, Hastings entwirft und produziert Kolbenringe für die bekanntesten und vertrauenswürdigsten Marken.

Hastings fertigt nur Kolbenringe und das aus gutem Grund. Wir glauben, dass die Herstellung des besten Produkts einen einzigartigen und konstanten Fokus braucht. So konzentrieren wir uns darauf was wir am besten können: Lieferung von ultimativem Vertrauen für Kunden rund um den Globus. Hastings liefert was die Welt von Kolbenringen erwartet: Präzision, Leistung und Vertrauen, egal für welchen Motor oder welche Anwendung. Wenn es ein Verbrennungsmotor ist, dann läuft er besser und länger mit Hastings Kolbenringen.

WICHTIGE ASPEKTE BEI MOTORENREPARATUREN

- Mangelhafte Sauberkeit des Motors
- Rauhe/Fehlerhafte Oberkante am Zylinder
- Grate am Zylinderboden
- Beschädigte Zylinderbohrung
- Manuelle Ringmontage am Kolben
- Deformierung der Kolbenringe bei der Montage
- Nicht verwendete/unsachgemäß verwendete Ringzange
- Kolbenschaden – Nutschaden, verbeult

VIELE PROBLEME SIND KEINE MECHANIKERFEHLER

- Computer (schlechte Kalibrierung)
- Sensoren (schlechte Sensoren)
- AGR-Ventil (zuviel Abgase)
- Ansaugkrümmer (Verunreinigungen, undicht, läuft heiß)

EMPFEHLUNGEN FÜR DIE KOLBENRINGMONTAGE

- Setzen Sie die Ringe in den Zylinder ein und messen Sie das Stoßspiel mit einer Fühlerlehre
- Stellen Sie das Stoßspiel richtig ein, wenn möglich, mit gleichmäßigem Abstand an beiden Stoßenden
- Benutzen Sie die Kolbenringzange zur Montage der Ringe am Kolben zur Vermeidung bleibender axialer oder radialer Deformationen.
- Montieren Sie die Kolbenringe mit der Markierung (Punkt) nach oben zum Kolbenboden (sonst kann das Öl nicht abgestreift werden)
- Installieren Sie 2,0mm, 3-teilige Ölabstreifringe mit der Kolbenringzange, Punkt nach oben zum Kolbenboden, um ein blockieren der Ölrücklauflöcher zu vermeiden.
- Verdrehen Sie die Stoßenden der einzelnen Kolbenringe um 180 Grad zueinander.
- Reinigen Sie alle Ölrücklauflöcher mit heißem Seifenwasser und Bürste und trocken Sie es mit einem sauberen weißen Tuch ab und prüfen Sie das keine Rückstände vorhanden sind.
- Ölen Sie die Zylinderlaufbüchse und Kolbenringe etwas mit Motorenöl.
- Fügen Sie die Kolbenringe richtig in die Nute ein, sodass die Ringe nicht an der Zylinderkante hängen bleiben können. (Drücken Sie nicht den Kolben ein, wenn die Ringe sich nicht richtig in die Nute einfügen)
- Typischer Motoreinlauf: Benutzen Sie das vom Hersteller empfohlene Motorenöl und wechseln es nach den ersten 3000 Meilen/4828 km(empfohlen 5000km). Benutzen Sie ein synthetisches Motorenöl nur, wenn es vom Motorenhersteller empfohlen wird.

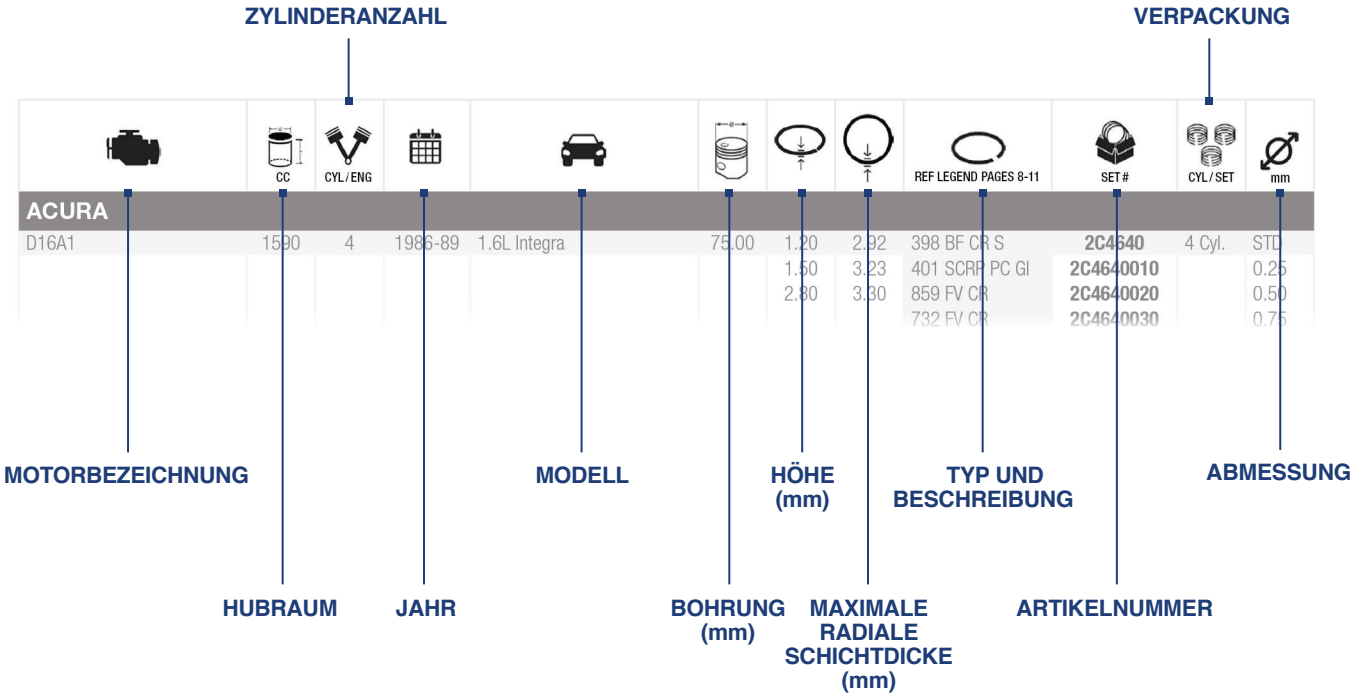
KOLBENRINGZANGE

Die Kolbenringzange ist nicht teuer und einfach zu benutzen. Einfach die Keilbacken der Kolbenringzange an die Stoßenden des Kolbenrings platzieren, sanft öffnen und in der Nut am Kolben einfügen. Sie ist auch für die Demontage der Kolbenringe geeignet ohne diese zu beschädigen.

Part #1723

HINWEISE ZUR BENUTZUNG DES KATALOGS

SYMBOLBESCHREIBUNG



KOLBENRING PRÄFIX

No Prefix ..... Verdichtungsringe aus Gusseisen
Ölabstreifringe aus Gusseisen
oder Chrom

2C Prefix ..... Verchromte obere Verdichtungsringe
Verchromte Ölabstreifringe

2M Prefix ..... Molybdänbeschichtete obere
Verdichtungsringe
Verchromte Ölabstreifringe

2D Prefix ..... Verschiedene
..... Ringlauffllächenbeschichtungen
und Materialen, die für moderne
Dieselmotoren geeignet sind.

2N Prefix ..... Enthält Bestandteile aus Nitrit
(obere Verdichtungsringe oder
3-teilige Ölabstreifringe).

KODIERUNG UND MATERIALABKÜRZUNGEN

1PCO ..... EINTEILIGE ÖLABSTREIFRINGE

2PCO ..... ZWEITEILIGE ÖLABSTREIFRINGE

FV ..... DREITEILIGE FLEXIBLE ÖLABSTREIFRINGE

BF ..... BALLIGE LAUFLÄCHE

CC ..... CHROMKERAMIK

CR ..... VERCHROMT

CHR..... VERCHROMTE LAMELLEN

CI ..... EISENKARBID

CF ..... FORMFÜLLUNGSVERMÖGEN

CF KST ..... FORMFÜLLENDER TRAPEZRING

DI ..... DEHNBARES EISEN

FKST ..... DOPPELSEITIGER TRAPEZRING

GI..... GRAUGUSS

GL ..... ZWISCHENRING

HKST..... EINSEITIGER TRAPEZRING

DI ..... HOCH WIDERSTANDSFÄHIG

KYS ..... TRAPEZRING

N ..... NASENRING

GN ..... NITRIERT

PVD GN ..... PVD NITRIERT

PC ..... PHOSPHATBESCHICHTET

PM ..... PLASMA-MOLYBDÄN-BESCHICHTUNG

RVT ..... RÜCKSEITE INNENFASE

RVT BF ..... RÜCKSEITE INNENFASE BALLIGE LAUFFLÄCHE

SCRP ..... ÖLSCHLITZRING

SCRP TF .... GLEICHFASENRING

SS..... EDELSTAHL

S ..... STAHL

SN ..... NITRIERTER STAHL

ST ..... RECHTECKRING

TF ..... MINUTENRING

TFN ..... NASENMINUTENRING

TFN CI..... NASENMINUTENRING AUS EISENKARBID

T ..... INNENFASE

TBF..... INNENFASE BALLIGE LAUFFLÄCHE

TTF..... INNENFASE MINUTENRING

3CR ..... TRIPLE CHROME – DREIFACH CHROM

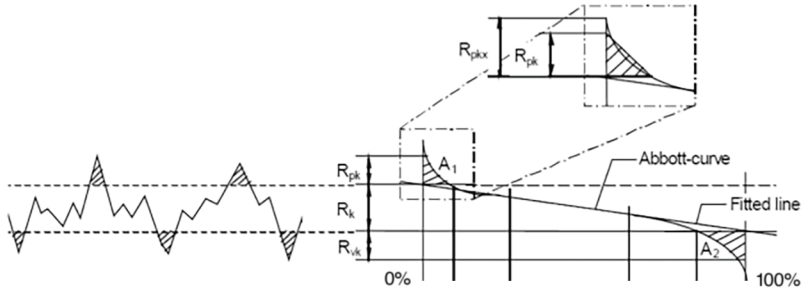
ZYLINDEROBERFLÄCHE

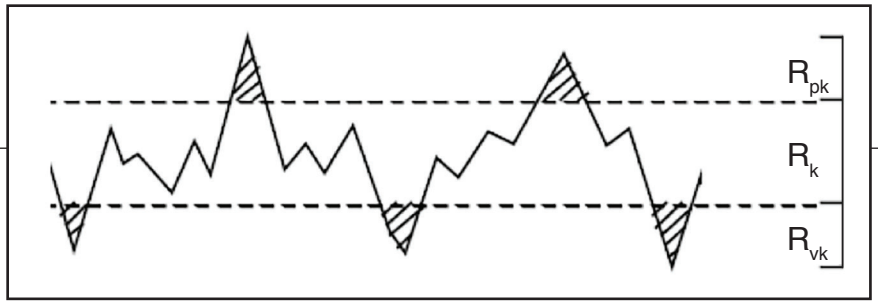
Rpk, Rk und Rvk ersetzen Ra als wichtigsten Parameter für die Rauheit. Diese Parameter beschreiben den Zustand der Oberfläche des Zylinders am besten.

Materialanteilskurve (Materialanteil im Kontakt zwischen Zylinder und Kolbenring)

Definition of Roughness Characteristics by DIN EN ISO 13 565 (1998.04)

A_1	Peak material volume
A_2	Area valley ratio
R_k	Core roughness depth
R_{pk}	Reduced peak height
R_{vk}	Reduced valley depth
M_{r1}	Peak material ratio
M_{r2}	Valley material ratio





Reduzierte Spitzenhöhe (Rpk)
Der obere Teil der Oberfläche, der nach dem Motoreinlauf schnell abgetragen wird.

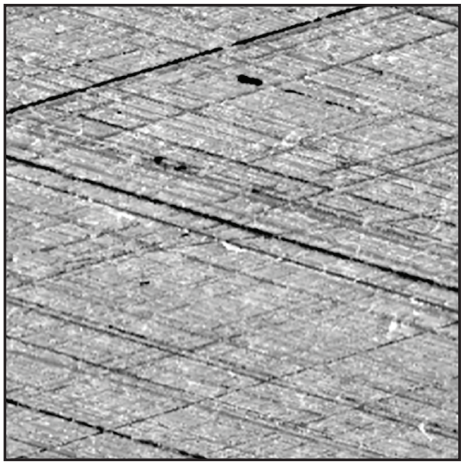
Kernrautiefe Rk ist die Tiefe des Rauheitskernprofils
Die Langzeitlauffläche, welche die Leistung und die Lebensdauer des Zylinders beeinflusst

Reduzierte Riefentiefe Rvk ist die gemittelte Tiefe der aus dem Kernbereich herausragenden Riefen
Die Ölrückhaltefähigkeit der tiefen Mulden, die in die Oberfläche eingearbeitet wurden

INDUSTRIEEMPFEHLUNGEN

Allgemein
Gute Leistung mit hoher Lebensdauer
Rpk: 8-12 Mikroinch (<12 Optimal))
Rk: 25-35 Mikroinch (25 Optimal)
Rvk: 40-50 Mikroinch (40 Optimal)
Ra: 15-20 Mikroinch (12-23 Zulässig)

Pro-Stock & NASCAR:
Glattere Oberfläche, kürzere Lebensdauer aber weniger Reibung
Rpk: 3-5 Mikroinch
Rk: 12-18 Mikroinch
Rvk: 20-25 Mikroinch



ÖLHAFTUNG UND HONUNGSWINKEL

Ölhaftung (Riefen in der Zylinderoberfläche)

• Rvk beeinflusst den Ölverbrauch stark

• Übermäßige Rvk verursacht einen hohen Ölverbrauch und übermäßige Ringrotation

• Zu geringe Rvk kann einen hohen Verschleiß von Kolbenringen und Zylindern verursachen

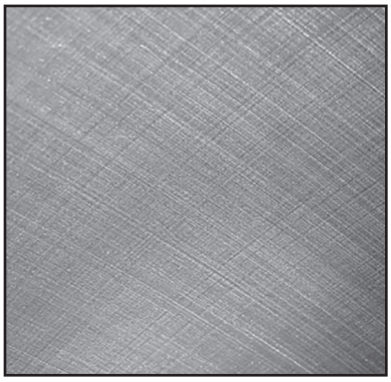
Honungswinkel

• Typisch für Automobilanwendungen: 45° zueinander (oder 22°-32° zur horizontalen Zylinderblockoberfläche)

• Der Honungswinkel sollte über die gesamte Länge des Zylinders gleich sein und nicht an beiden Enden abflachen

• Hochleistungskolbenringe mit niedriger Spannkraft für Rennaplikationen 20°- 30°

• Nikasil® – Thermisch beschichtete Zylinderoberfläche - Hypereutektische Zylinderoberflächen 10°-15°



Quelle: Daten für Honungswinkel von Sunnen Products Company

HONUNG (ALLGEMEIN)

Standard Honen

Normales Honen

• 0,076mm mit Honstein Körnung 80÷100
  – Intensives Honen:
    Erzeugt tiefe Riefen

• 0,0381mm mit Honstein Körnung 280-320
  – Vorbereitung der Kernrauheit
    Regulierung der Riefentiefe

• 0,0127mm mit Honstein Körnung 400÷600
  – Vorbereitung der Parameter für die Ebenheit

Endbehandlung:

• Schleifmittel gefüllte Nylonbürste Körnung 320

oder

• Korkschleifklotz Körnung 800
  – Entfernt Oberflächendefekte
    Entfernt Rückstände vom Honen

HONUNG - RENNMOTOREN

Standard Honen

Normales Honen

• EHU412 Körnung 150
  – Intensives Honen
    Erzeugt tiefe Riefen

• 0,05mm mit JHU623 Körnung 280
  – Vorbereitung der Kernrauheit
    Regulierung der Riefentiefe

• 0,008mm mit C30J95 Körnung 500
  – Diese Steine müssen verkürzt werden auf eine Länge von 69,85mm

  – Vorbereitung der Parameter für die Ebenheit:

↓

Rpk: < 10 Mikrozoll (0,25 Mikrometer)
Rvk: 18-25 Mikrozoll (0,45÷0,63 Mikrometer)

ENDBEHANDLUNG DURCHFÜHREN

HÄUFIG AUFTRETENDE ABWEICHUNGEN VON EINER GUTEN ZYLINDERÖBERFLÄCHE

unregelmäßige Honspuren
Ursache: Unterschiedliche Hin- und Herbewegungsraten, schlechter Zustand der Honsteine mit falschem Druck, Steine zu Hart und oder Körnung zu grob
Wirkung: Schlechte Ölverteilung, ungleichmäßiger Motorlauf, Ölverbrauch

Breite, tiefe Honspuren
Ursache: Zu grobe Körnung, übermäßiger Steindruck, schlechte Honsteine, unzureichende Schmierung
Wirkung: Zu hoher Verschleiß, hoher Ölverbrauch, kurze und ungleichmäßige Motoreinlaufphase

Honspuren nur in eine Richtung
Ursache: Zu großes Spiel in den Honkomponenten
Wirkung: Zu hoher Verschleiß, schlechter Sitz, übermäßige Ringrotation, schlechte Schmierung

Kleiner Honungswinkel
Ursache: Zu niedrige Hin- und Herbewegungsrate im Vergleich zur Umdrehung
Wirkung: Hohe Schlagkräfte verursachen einen hohen Verschleiß, schlechte Ölverteilung, langsamerer Einlauf der Kolbenringe

Honspuren kantig und gebrochen
Ursache: Zu grobe Körnung/oder zu weich, unzureichende Schmierung
Wirkung: Verursacht Kratzer, hoher Verschleiß, erhöhte Ringtemperaturen, hoher und ungleichmäßiger Ölverbrauch

Zu geringe Ebenheit
Ursache: Zu grobe Körnung, unzureichende Abtragsmenge pro Schnitt
Wirkung: Übermäßiger Ringverschleiß, erhöhte Temperaturen

verglaste Oberfläche
Ursache: Übermäßige Steindrücke, verschlissene Steine (zu hart), unzureichende Schmierung
Wirkung: Verlangsamter Motoreinlauf und erhöhter Ölverbrauch

Übermäßige Hohlräume in der Zylinderwand
Ursache: Übermäßige Steindrücke, verschlissene Steine (zu hart), unzureichende Schmierung
Wirkung: Erhöhter Ölverbrauch, hoher Verschleiß, reduziert den Gleichlauf des Motors

ÜBERPRÜFUNG DES STOSSSPIELS DER VERDICHTUNGSRINGE

EMPFOHLENE STOSSSPIELWERTE FÜR AUTOMOBIL-VERDICHTUNGSRINGE

CYLINDER DIAMETER IN MILLIMETERS	RING GAP TOLERANCE IN MILLIMETERS
25.4 to 60.00496	0.1524 to 0.3556
60.0075 to 74.99096	0.2032 to 0.4064
74.9935 to 89.97696	0.254 to 0.508
89.9795 to 109.9795	0.3048 to 0.5588
109.982 to 129.982	0.3556 to 0.6604
129.9845 to 149.9845	0.4064 to 0.762
149.987 to 175.0035	0.508 to 0.889
175.006 to 228.5975	0.6096 to 1.0414

CYLINDER DIAMETER IN INCHES	RING GAP TOLERANCE IN INCHES
1.0000 to 2.3624	.006 to .014
2.3625 to 2.9524	.008 to .016
2.9525 to 3.5424	.010 to .020
3.5425 to 4.3299	.012 to .022
4.3300 to 5.1174	.014 to .026
4.3300 to 5.1174	.016 to .030
5.9050 to 6.8899	.020 to .035
6.8900 to 8.9999	.024 to .041

Zur Erinnerung, eine wichtige Tatsache ist, dass die Hersteller das Stoßspiel mit präzisen Messvorrichtungen mit einer Genauigkeit von 0,005mm des Zylinderdurchmessers messen und bei der Herstellung die Toleranzen streng einhalten. Jede Vergrößerung des Zylinders an dem der Ring verwendet wird führt zu einer Zunahme von etwa 0,03 mm des Stoßspiels, für je 0,01 mm Anstieg des Zylinderdurchmessers.

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
ACURA											
D16A1	1590	4	1986-89	1.6L Integra	75.00	1.20	2.92	398 BF CR S	**2C4640**	4 Cyl.	STD
						1.50	3.23	401 SCRP PC GI	**2C4640010**		0.25
						2.80	3.30	859 FV CR	**2C4640020**		0.50
								732 FV CR	**2C4640030**		0.75
									2C4640040		1.00
									2C4640060		1.50
B17A1,	1678		1991-93	1.6L Integra	81.00	1.00	3.33	398 BF CR S	**2C4666**	4 Cyl.	STD
B18C1	1797		1990-01	1.8L Integra		1.20	3.15	126 RVT PC GI	**2C4666010**		0.25
B18A1, B18B1, B18C5	1834		1990-01			2.80	3.18	861 FV CR	**2C4666020**		0.50
								732 FV CR	**2C4666030**		0.75
									2C4666040		1.00
C25A1	2494		1986-87	2.5L Legend	84.00	1.20	3.33	398 BF CR S	**2C4644**	6 Cyl.	STD
						1.20	3.33	126 RVT PC GI	**2C4644020**		0.50
						4.00	3.43	058 FV CR	**2C4644030**		0.75
								732 FV CR	**2C4644040**		1.00
G25A, G25A1, G25A4	2456		1991-98	2.5lL TL, Vigor	85.00	1.20	3.33	398 BF CR S	**2C4779**	5 Cyl.	STD
						1.20	3.35	610 RVT PC GI	**2C4779020**		0.50
						2.80	2.67	997 FV CR	**2C4779030**		0.75
								732 FV CR	**2C4779040**		1.00
F23A1	2254		1998-99	2.3L CL	86.00	1.20	3.33	398 BF CR S	**2C4969**	4 Cyl.	STD
						1.20	3.58	126 RVT PC GI	**2C4969020**		0.50
						2.80	2.92	997 FV CR	**2C4969030**		0.75
								732 FV CR	**2C4969040**		1.00
J30A1	2977		1997-98	3.0L CL	86.00	1.20	3.33	398 BF CR S	**2C4971**	6 Cyl.	STD
						1.20	3.58	126 RVT PC GI	**2C4971020**		0.50
						2.80	2.92	997 FV CR	**2C4971030**		0.75
								732 FV CR	**2C4971040**		1.00
K20A2, K20A3, K20Z1	1998		2002-08	2.0L RSX	86.00	1.20	3.12	398 BF CR S	**2C5089**	4 Cyl.	STD
						1.20	3.58	126 RVT PC GI	**2C5089020**		0.50
						2.00	2.79	993 FV CR	**2C5089030**		0.75
								005 FV CR	**2C5089040**		1.00
C27A1	2675		1987-97	2.7L Legend	87.00	1.20	3.33	398 BF CR S	**2C4645**	6 Cyl.	STD
						1.20	3.35	610 RVT PC GI	**2C4645020**		0.50
						4.00	3.43	058 FV CR	**2C4645030**		0.75
								732 FV CR	**2C4645040**		1.00
K24A2	2354		2003-10	2.4L FI DOHC TSX	87.00	1.20	3.12	398 BF CR S	**2C5179**	4 Cyl.	STD
						1.20	3.35	610 RVT PC GI	**2C5179020**		0.50
						2.50	2.67	995 FV CR	**2C5179030**		0.75
								732 FV CR	**2C5179040**		1.00
J32A1, J32A2, J32A3	3210		1999-08	3.2L CL-S, TL, TL-S	89.00	1.20	3.33	398 BF CR S	**2C4972**	6 Cyl.	STD
J35A1, J35A3, J35A6, J35A8, J35Y4, J35Z2, J35Z6,	3471		2001-17	3.5L MDX, RDX, RL, LX, TL, TL-S, TSX		1.20	3.68	610 RVT PC GI	**2C4972020**		0.50
						2.80	2.79	997 FV CR	**2C4972030**		0.75
								732 FV CR	**2C4972040**		1.00
C30A1, C30A	2977		1991-05	3.0L NSX, NSX-T	90.00	1.20	3.53	398 BF CR S	**2C4667**	6 Cyl.	STD
C32A1, C32A6	3206		1991-98	3.2L Legend, TL		1.20	3.81	610 RVT PC GI	**2C4667020**		0.50
						2.80	3.18	861 FV CR	**2C4667030**		0.75
								732 FV CR	**2C4667040**		1.00
C35A1	3474		1996-04	3.5L RL	90.00	1.50	3.63	335 T PM DI	**2M4940**	6 Cyl.	STD
						1.20	3.81	610 RVT PC GI	**2M4940020**		0.50
						2.80	3.18	861 FV CR	**2M4940030**		0.75
								732 FV CR	**2M4940040**		1.00
C32B1	3179		1997-05	3.2L NSX, NSX-T	93.00	1.20	3.73	398 BF CR S	**2C4781**	6 Cyl.	STD
						1.20	3.81	610 RVT PC GI	**2C4781010**		0.25
						2.50	2.79	995 FV CR	**2C4781020**		0.50
								732 FV CR	**2C4781030**		0.75
									2C4781040		1.00
								397 BF PM S	**2M4781**		STD
								610 RVT PC GI	**2M4781010**		0.25
								995 FV CR	**2M4781020**		0.50
								732 FV CR	**2M4781030**		0.75
									2M4781040		1.00

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
AJAX											
M, WL					127.00	6.35	4.85	102 T PC GI	**6390**	1 Cyl.	STD
						6.35	4.88	102 T PC GI			
						6.35	4.88	102 T PC GI			
						6.35	4.88	102 T PC GI			
						6.35	4.88	102 T PC GI			
C-42, E-42				Late Piston	215.90	4.00	8.03	102 T PC GI	**4536**	1 Cyl.	STD
						4.00	8.05	102 T PC GI			
						4.00	8.05	102 T PC GI			
						4.00	8.05	102 T PC GI			
ALFA-ROMEO											
101	1290		1955-70	1.3L Giulietta Spider, Sprint, Ti	74.00	2.00	3.20	102 T PC GI	**5988**	4 Cyl.	STD
						2.00	3.23	401 SCRP PC GI	**5988040**		1.00
						4.00	3.81	058 FV CR			
								732 FV CR			
								362 BF 3CR GI	**2C5988**		STD
								401 SCRP PC GI	**2C5988040**		1.00
								058 FV CR			
								732 FV CR			
AR61101	1597		1963-92	1.6L with replacement piston w/3.5mm oil ring	78.00	1.50	3.35	327 BF PM GI	**2M5026**	4 Cyl.	STD
						1.75	3.38	401 SCRP PC GI			
						3.50	3.43	058 FV CR			
								732 FV CR			
105, AR00526, AR00536, AR01600	1567		1962-90	Giulia GTA, Giulia GTV, Giulia Spider Duetto, Giulia Sprint Spcl, Giulia TZ, Ti, Ti Super	78.00	1.50	3.35	362 BF 3CR GI	**2C9520**	4 Cyl.	STD
						1.75	3.38	401 SCRP PC GI			
						4.00	4.11	056 FV CR			
								732 FV CR			
301	1189		1972-79	1.2L Alfasud, Ti	80.00	1.50	3.18	362 BF 3CR GI	**2C4291**	4 Cyl.	STD
						1.75	3.71	401 SCRP PC GI			
						3.50	3.81	055 FV CR			
								732 FV CR			
AR 31000, AR30500, AR 30140, AR 30102S, AR 30102	1186	4	1972-86	1.2L...Alfasud, TI	80.00	1.50	3.18	032 BF PC GI	**9519**	4 Cyl.	STD
AR 30160, AR 30180	1287		1979-84	1.3L ENG.		1.75	3.71	401 SCRP PC GI	**9519020**		0.50
AR 33501, AR 31010, AR 30755, AR 30753, AR 30732, AR 30587, AR 30586, AR 30502, AR 30168, AR 30164	1351		1977-96	1.3L/1.4L ENG.		4.00	3.81	056 FV CR	**9519040**		1.00
105, 105.41	1779		1967-77	1.8L 1750GT, Alfetta, Spider, Veloce				732 FV CR			
								362 BF 3CR GI	**2C9519**		STD
								401 SCRP PC GI	**2C9519020**		0.50
								056 FV CR	**2C9519040**		1.00
								732 FV CR	**2C9519060**		1.50
AR 37101, 937 A2.000	1910	4	2000-10	1.9L JTD Turbo Diesel JTD	82.00	2.50	3.56	217 BF CR DI	**2C7340**	1 Cyl.	STD
839.A600, AR 36202, 841 C.000	2387	5	2000-08	2.4L JTD Turbo Diesel		2.00	3.58	210 SCRP TF PC DI			
						2.00	2.87	248 CF CR			
								881 2PCO			
AR 32302	1910	4	1998-01	1.9L Turbo Diesel JTD	82.00	3.00	3.56	221 FKST CC DI	**2D7355**	1 Cyl.	STD
AR 34202, AR 32501	2387	5	1998-00	2.4L JTD Turbo Diesel		2.00	3.58	210 SCRP TF PC DI			
						3.00	3.68	204 CF CR DI			
								881 2PCO			
AR 37101, 937 A2.000	1910	4	2000-10	1.9L JTD Turbo Diesel	82.00	2.00	3.56	217 BF CR DI	**2C7433**	1 Cyl.	STD
AR 36202, 841 C.000, 839 A6.000	2387	5	2001-08	2.4L JTD Turbo Diesel		2.00	3.58	210 SCRP TF PC DI			
						2.00	2.87	248 CF CR			
								881 2PCO			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
ALFA-ROMEO											
192 A5.000, 192 B1.000, 937 A4.000, 937 A5.000, 937 A6.000, 939 A2.000	1910	4	2002-12	1.9L JTD, JTD 16V, JTDM 16V JTDM 16V Q4, Turbo Diesel	82.00	2.00	3.53	205 BF CR DI	**2D7366**	1 Cyl.	STD
939 A3.000 841 N.000, 841 M.000, 841 H.000, 841 G.000	2387	5	2002-12	2.4L JTD, JTDM, JTDM 20V, Brera Spider		2.00	3.68	214 RVL PC DI			
						2.00	2.87	248 CF CR 881 2PCO			
301	1490	4	1975-85	1.5L Alfasud, Sprint & Super	84.00	1.50	3.20	032 BF PC GI	**4250**	4 Cyl.	STD
						1.75 4.00	3.45 3.94	401 SCRP PC GI 056 FV CR 732 FV CR			
								362 BF 3CR GI	**2C4250**		STD
								401 SCRP PC GI 056 FV CR 732 FV CR			
115	1962	4	1972-82	2.0L Alfetta, Alfetta GTV, Berlina, GTV, Spider	84.00	1.50	3.43	102 T PC GI	**4280**	4 Cyl.	STD
						1.75 4.50	3.45 4.24	401 SCRP PC GI 871 FV CR 732 FV CR			
								362 BF 3CR GI	**2C4280**		STD
								401 SCRP PC GI 871 FV CR 732 FV CR			
	1962	4	1987-On	2.0L Twin Spark, Motronic	84.00	1.50	3.58	336 T PM DI	**2M4955**	4 Cyl.	STD
						1.50 3.50	3.73 3.43	126 RVT PC GI 058 FV CR 732 FV CR	**2M4955020**		0.50
AR67303	2492	6	1992-97	2.5L 155 V-6	88.00	1.50	3.61	362 BF 3CR GI	**2C4290**	6 Cyl.	STD
						1.75 4.00	4.17 4.24	126 RVT PC GI 056 FV CR 732 FV CR			
VM82A, VM96A	1779		1986-90	1.8L TD Turbo Diesel 33	92.00	2.50	4.01	225 FKST CR DI	**2C7458**	1 Cyl.	STD
VM14HT, VM81A	2393	4	1983-92	2.4L TD Turbo Diesel Alfetta, 75, 90		2.00	4.04	210 SCRP TF PC DI			
VM07B, VM08B, VM31B, VM32B, VM84A	2500	4	1987-99	2.5L TD Turbo Diesel 155, 164		4.00	4.24	204 CF CR DI 881 2PCO			
AR 06120, AR 06124, AR06410, AR 61503, AR 64301	2959	6	1987-92	3.0L V-6 75, 164, Milano	93.00	1.50	3.48	032 BF PC GI	**4746**	6 Cyl.	STD
						1.50 3.50	3.78 3.68	126 RVT PC GI 058 FV CR 732 FV CR	**4746020** **4746030** **4746040**		0.50 0.75 1.00
								327 BF PM GI	**2M4746**		STD
								126 RVT PC GI 058 FV CR 732 FV CR	**2M4746020** **2M4746030** **2M4746040**		0.50 0.75 1.00
ALLIS CHALMERS											
N62		4	1947-61	Continental Engine	60.33	2.38	2.79	032 BF PC GI	**5671**	4 Cyl.	STD
						2.38 4.75	2.82 1.27	126 RVT PC GI 870 FV CR 732 FV CR			
								362 BF 3CR GI	**2C5671**		STD
								126 RVT PC GI 870 FV CR 732 FV CR	**2C5671030**		0.75
B, IB, PWR, B15, FC,FT20, FT25, FTP20, FTP30		4		Waukesha Engine	82.55	3.18	3.89	032 BF PC GI	**5060**	4 Cyl.	STD
						3.18 4.75	3.78 1.27	126 RVT PC GI 860 FV CR 732 FV CR	**5060020** **5060060**		0.50 1.50
								362 BF 3CR GI	**2C5060**		STD
								126 RVT PC GI 860 FV CR 732 FV CR			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
ALLIS CHALMERS											
B, IB		4		4 Ring Piston	82.55	3.18	3.89	032 BF PC GI	**6303**	4 Cyl.	STD
						3.18	3.91	032 BF PC GI	**6303020**		0.50
						3.18	3.78	126 RVT PC GI	**6303060**		1.50
						4.75	1.27	860 FV CR			
								732 FV CR			
								362 BF 3CR GI	**2C6303**		STD
								032 BF PC GI			
								126 RVT PC GI			
								860 FV CR			
								732 FV CR			
138,		4		B, B15, B125, C, CA, D10, D12, IB, RC, Combine 60, G138	85.73	3.18	4.04	362 BF 3CR GI	**2C7762**	4 Cyl.	STD
						3.18	3.89	126 RVT PC GI			
						3.18	3.89	126 RVT PC GI			
						4.75	1.27	860 FV CR			
								732 FV CR			
B, IB		4		Permite Sleeve Kit #CSA273	87.31	3.18	4.11	032 BF PC GI	**5063**	4 Cyl.	STD
G153						3.18	3.94	126 RVT PC GI	**5063060**		1.50
						3.18	3.94	126 RVT PC GI			
						4.75	4.50	860 FV CR			
								732 FV CR			
								362 BF 3CR GI	**2C5063**		STD
								126 RVT PC GI			
								126 RVT PC GI			
								860 FV CR			
								732 FV CR			
WD45		6		Diesel	87.31	3.18	4.11	362 BF 3CR GI	**2C5102**	6 Cyl.	STD
						3.18	3.94	126 RVT PC GI			
						3.18	3.94	126 RVT PC GI			
						4.75	2.54	501 1PCO PC GI			
						4.75	4.14	825 2PCO			
								501 1PCO PC GI			
B, C, CA, R & 138		4		Allied Kit #WSA494	87.31	2.25	3.61	032 BF PC GI	**7705**	4 Cyl.	STD
				Ertel Sleeve Kit #SA201		2.25	4.14	126 RVT PC GI			
				Genuine Parts Sleeve Kit #S159		2.25	4.14	126 RVT PC GI			
				McQuay Norris Sleeve Kit #SA197		4.75	1.27	860 FV CR			
				Perfect Circle Kit #WSA494				732 FV CR			
								362 BF 3CR GI	**2C7705**		STD
								126 RVT PC GI			
								126 RVT PC GI			
								860 FV CR			
								732 FV CR			
WD45		6	1955-57	White Machine Sleeve Kit #G258CH	88.90	3.18	3.96	362 BF 3CR GI	**2C5012**	6 Cyl.	STD
						3.18	3.66	126 RVT PC GI			
						3.18	3.66	126 RVT PC GI			
						4.75	1.27	860 FV CR			
						4.75	3.99	732 FV CR			
								501 1PCO PC GI			
G149		4		D 10, D12 SERIES II, III S/N 3501-ON	88.90	3.18	3.96	362 BF 3CR GI	**2C5117**	4 Cyl.	STD
				D14, D15G, H3, I40, I400, 1400		3.18	3.66	126 RVT PC GI			
D14		4		BALERS 10, 66,90 COMBINE 72		3.18	3.66	126 RVT PC GI			
						4.75	1.27	860 FV CR			
								732 FV CR			
G246, G262	1962-65	6		D19, TL14	90.49	3.18	4.01	362 BF 3CR GI	**2C468**	6 Cyl.	STD
				Balers/Combines C, CB, CH, CR, CT, C11, F, G		3.18	4.04	126 RVT PC GI			
						3.18	4.04	126 RVT PC GI			
						4.75	4.62	860 FV CR			
								732 FV CR			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
ALLIS CHALMERS											
D262, D262T		6		Diesel D17 SERIES III, IV, D19	90.49	2.25	4.27	362 BF 3CR GI	**2C7136**	6 Cyl.	STD
D262		6		Diesel Balers/Combines A, B, R S/N 119460-on		2.25	3.68	126 RVT PC GI			
D262				Diesel DD Graders, TL10D, 12D Loaders		2.25	3.68	126 RVT PC GI			
						4.75	2.49	501 1PCO PC GI			
						4.75	4.04	825 2PCO			
								501 1PCO PC GI			
D262		6		Diesel D17D, D17D Series IV	90.49	3.18	4.01	362 BF 3CR GI	**2C7513**	6 Cyl.	STD
DA262D				Diesel Balers & Combins A, B, R To S/N 119460		3.18	4.04	126 RVT PC GI			
DA262				Diesel DD Grader; TL10D 12D Loaders		3.18	4.04	126 RVT PC GI			
						4.75	2.49	501 1PCO PC GI			
						4.75	4.04	825 2PCO			
								501 1PCO PC GI			
G160		4		Gas or LPG Engs. D15 Series II S/N 9001-on	92.08	2.25	4.06	032 BF PC GI	**7593**	4 Cyl.	STD
				H3 Crawler, I60G, I600G ,IG160		2.25	4.09	126 RVT PC GI			
						2.25	4.09	126 RVT PC GI			
						4.75	1.27	860 FV CR			
								732 FV CR			
								362 BF 3CR GI	**2C7593**		STD
								126 RVT PC GI			
								126 RVT PC GI			
								860 FV CR			
								732 FV CR			
G2500		6		One-Eighty	95.25	2.25	4.47	363 BF CR GI	**2C7702**	6 Cyl.	STD
						2.25	4.50	126 RVT PC GI			
						2.25	4.50	126 RVT PC GI			
						4.75	1.27	860 FV CR			
								732 FV CR			
4.236		4		Perkins Diesel One-Seventy	98.43	2.25	3.96	362 BF 3CR GI	**2C7201**	4 Cyl.	STD
						2.25	3.99	126 RVT PC GI			
						2.25	3.99	126 RVT PC GI			
						6.35	3.66	501 1PCO PC GI			
						6.35	3.48	825 2PCO			
								501 1PCO PC GI			
G2800,		6		Gas or LPG One-Ninety XT	98.43	2.25	4.62	363 BF CR GI	**2C7703**	6 Cyl.	STD
G2800,				Dumpers, Graders, Loaders TL545 GAS		2.25	3.99	126 RVT PC GI			
						2.25	3.99	126 RVT PC GI			
						4.75	4.45	860 FV CR			
								732 FV CR			
D2900				DIESEL				363 BF CR GI	**2D7703**		STD
								126 RVT PC GI			
								126 RVT PC GI			
								553 CF CR GI			
								881 2PCO			
D2200		4		Diesel Allis Engine	98.48	2.25	3.96	362 BF 3CR GI	**2C7125**	4 Cyl.	STD
						2.25	3.99	126 RVT PC GI			
						2.25	3.99	126 RVT PC GI			
						4.75	5.56	565 CF CR GI			
								881 2PCO			
D2800		6		DIESEL ONE-EIGHTY, ONE NINETY	98.48	2.25	3.96	362 BF 3CR GI	**2C7174**	6 Cyl.	STD
D2900		6		DIESEL ONE-NINETY XT Turbo		2.25	3.99	126 RVT PC GI			
301		6		7000 Turbo		2.25	3.99	126 RVT PC GI			
D2900		6		Diesel TL545, 545D, 545H		4.75	5.56	565 CF CR GI			
				SLEEVED ENGINES				881 2PCO			
G226, W25, W45, W201, W226 GAS or LPG		4		One-Seventy, D17 III, IV Piston #226347	101.60	3.18	4.39	362 BF 3CR GI	**2C702**	4 Cyl.	STD
		4		Ballers/Combines SUPER 100		3.18	4.11	126 RVT PC GI			
		4		TL10, 11, 12 Loader /D, DG, Grader		3.18	4.11	126 RVT PC GI			
		4				4.75	4.88	860 FV CR			
								732 FV CR			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
ALLIS CHALMERS											
W		4		White Machine Piston #A1070	104.78	2.25	4.93	363 BF CR GI	**2C7553**	4 Cyl.	STD
				sleeved engine		3.18	4.52	126 RVT PC GI			
						3.18	4.52	126 RVT PC GI			
						4.75	5.00	860 FV CR			
								732 FV CR			
W		4		Genuine Sleeve Kit #S155, 156, 157; SA377, 379	104.78	2.25	4.93	363 BF CR GI	**2C7580**	4 Cyl.	STD
						2.25	4.52	126 RVT PC GI			
						2.25	4.52	126 RVT PC GI			
						6.00	5.00	860 FV CR			
								732 FV CR			
W		4		Allied Sleeve Kit #WSA263	104.78	2.25	4.93	363 BF CR GI	**2C7794**	4 Cyl.	STD
				McQuay Norris Kit #SA175, 208		2.25	4.95	126 RVT PC GI			
				M & W Sleeve Kit #SP1, 6, 7, 7P, SP1-5		3.18	4.52	126 RVT PC GI			
				Sealed Power Sleeve Kit #SL1728, 1729		6.00	5.00	860 FV CR			
				Perfect Circle Sleeve Kit #WSA263				732 FV CR			
				Thompson Kit SA204							
AMERICAN MOTORS-ALSO SEE JEEP-EAGLE											
85 C.I.D.		4	1983-87	Alliance	76.00	1.75	3.45	102 T PC GI	**4330**	4 Cyl.	STD
						2.00	3.48	401 SCRP PC GI	**4330010**		0.25
						4.00	3.94	056 FV CR	**4330020**		0.50
								732 FV CR	**4330030**		0.75
									4330040		1.00
								362 BF 3CR GI	**2C4330**		STD
								401 SCRP PC GI	**2C4330010**		0.25
								056 FV CR	**2C4330020**		0.50
								732 FV CR	**2C4330040**		1.00
196 C.I.D.		6	1957-63	3.2L 5710, 5810, Rambler 5910, American 5800, 5902, 5904-1, 5906, 5906-1, L-Head & OHV	79.38	2.25	3.76	032 BF PC GI	**680**	6 Cyl.	STD
						2.25	3.78	126 RVT PC GI	**680020**		0.50
						4.75	3.94	871 FV CR	**680030**		0.75
								732 FV CR	**680040**		1.00
									680060		1.50
								362 BF 3CR GI	**2C680**		STD
								126 RVT PC GI	**2C680020**		0.50
								871 FV CR	**2C680030**		0.75
								732 FV CR	**2C680040**		1.00
196 C.I.D.		6	1963-65	220, 330, 440, 440H	79.38	2.00	3.76	032 BF PC GI	**690**	6 Cyl.	STD
						2.00	3.78	126 RVT PC GI	**690040**		1.00
						4.75	1.27	871 FV CR	**690060**		1.50
								732 FV CR			
105 C.I.D	1721	4	1986-88	1.7L Alliance	81.00	1.75	3.58	032 BF PC GI	**4600**	4 Cyl.	STD
						2.00	3.61	126 RVT PC GI	**4600020**		0.50
						3.00	3.18	054 FV CR	**4600030**		0.75
								732 FV CR	**4600040**		1.00
									4600060		1.50
								362 BF 3CR GI	**2C4600**		STD
								126 RVT PC GI	**2C4600010**		0.25
								054 FV CR	**2C4600020**		0.50
								732 FV CR	**2C4600030**		0.75
									2C4600040		1.00
121 C.I.D.	2000	4	1977-79	2.0Litre	86.50	2.00	3.89	032 BF PC GI	**4466**	4 Cyl.	STD
						2.50	3.91	126 RVT PC GI	**4466020**		0.50
						5.00	4.11	871 FV CR	**4466040**		1.00
								732 FV CR	**4466060**		1.50
								362 BF 3CR GI	**2C4466**		STD
								126 RVT PC GI	**2C4466010**		0.25
								871 FV CR	**2C4466020**		0.50
								732 FV CR	**2C4466040**		1.00
									2C4466060		1.50

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
AMERICAN MOTORS-ALSO SEE JEEP-EAGLE											
135 C.I.D.	2200	4	1988-89	2.2Litre	88.00	1.75	3.94	327 BF PM GI	**2M4455**	4 Cyl.	STD
						2.00	3.96	126 RVT PC GI	**2M4455010**		0.25
						4.00	1.27	872 FV CR	**2M4455020**		0.50
								732 FV CR	**2M4455030**		0.75
									2M4455040		1.00
250 C.I.D.		8	1956-62	5720, Rambler Rebel 5820, 5920	88.90	2.00	4.19	032 BF PC GI	**652**	8 Cyl.	STD
						2.00	4.22	126 RVT PC GI	**652030**		0.75
						4.75	1.27	860 FV CR	**652040**		1.00
								732 FV CR	**652060**		1.50
								363 BF CR GI	**2C652**		STD
								126 RVT PC GI	**2C652010**		0.25
								860 FV CR	**2C652020**		0.50
								732 FV CR	**2C652030**		0.75
									2C652040		1.00
								327 BF PM GI	**2M652**		STD
								126 RVT PC GI	**2M652030**		0.75
								860 FV CR	**2M652040**		1.00
								732 FV CR			
287 C.I.D.		8	1963-66	4.7Litre	95.25	2.00	4.47	032 BF PC GI	**568**	8 Cyl.	STD
290 C.I.D.		8	1966-69	4.8Litre		2.00	4.50	126 RVT PC GI	**568010**		0.25
304 C.I.D.		8	1970-79	5.0Litre		4.75	1.27	860 FV CR	**568020**		0.50
								732 FV CR	**568030**		0.75
									568040		1.00
									568060		1.50
									568080		2.00
									568100		2.50
								363 BF CR GI	**2C568**		STD
								126 RVT PC GI	**2C568010**		0.25
								860 FV CR	**2C568020**		0.50
								732 FV CR	**2C568030**		0.75
									2C568040		1.00
									2C568060		1.50
								327 BF PM GI	**2M568**		STD
								126 RVT PC GI	**2M568010**		0.25
								860 FV CR	**2M568020**		0.50
								732 FV CR	**2M568030**		0.75
									2M568040		1.00
									2M568060		1.50
									2M568080		2.00
									2M568100		2.50
199 C.I.D.		6	1965-70	3.3Litre	95.25	2.00	4.47	032 BF PC GI	**656**	6 Cyl.	STD
232 C.I.D.		6	1964-79	3.8Litre		2.00	4.50	126 RVT PC GI	**656010**		0.25
258 C.I.D.		6	1971-85	4.2Litre		4.75	1.27	860 FV CR	**656020**		0.50
								732 FV CR	**656030**		0.75
									656040		1.00
									656060		1.50
								362 BF 3CR GI	**2C656**		STD
								126 RVT PC GI	**2C656010**		0.25
								860 FV CR	**2C656020**		0.50
								732 FV CR	**2C656030**		0.75
									2C656040		1.00
									2C656060		1.50
								327 BF PM GI	**2M656**		STD
								126 RVT PC GI	**2M656010**		0.25
								860 FV CR	**2M656020**		0.50
								732 FV CR	**2M656030**		0.75
									2M656040		1.00
									2M656060		1.50

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
AMERICAN MOTORS-ALSO SEE JEEP-EAGLE											
150C.I.D.		4	1983-92	2.5Litre	98.43	2.00	4.62	032 BF PC GI	**665**	4 Cyl.	STD
						2.00	4.65	126 RVT PC GI	**665010**		0.25
						4.75	4.88	860 FV CR	**665020**		0.50
								732 FV CR	**665030**		0.75
									665040		1.00
									665060		1.50
								362 BF 3CR GI	**2C665**		STD
								126 RVT PC GI	**2C665010**		0.25
								860 FV CR	**2C665020**		0.50
								732 FV CR	**2C665030**		0.75
									2C665040		1.00
									2C665060		1.50
								327 BF PM GI	**2M665**		STD
								126 RVT PC GI	**2M665010**		0.25
								860 FV CR	**2M665020**		0.50
								732 FV CR	**2M665030**		0.75
									2M665040		1.00
									2M665060		1.50
									2M665080		2.00
242 C.I.D.		6	1986-89		98.43	2.00	4.62	032 BF PC GI	**667**	6 Cyl.	STD
246 C.I.D.		6	1986-92	4.0Litre		2.00	4.65	126 RVT PC GI	**667010**		0.25
						4.75	4.88	860 FV CR	**667020**		0.50
								732 FV CR	**667030**		0.75
									667040		1.00
									667060		1.50
									667080		2.00
								362 BF 3CR GI	**2C667**		STD
								126 RVT PC GI	**2C667010**		0.25
								860 FV CR	**2C667020**		0.50
								732 FV CR	**2C667030**		0.75
									2C667040		1.00
									2C667060		1.50
									2C667080		2.00
								327 BF PM GI	**2M667**		STD
								126 RVT PC GI	**2M667010**		0.25
								860 FV CR	**2M667020**		0.50
								732 FV CR	**2M667030**		0.75
									2M667040		1.00
									2M667060		1.50
									2M667080		2.00
327 C.I.D.		8	1957-66	5.4L Rebel 5730, Rambler Ambassador	101.60	2.00	4.78	032 BF PC GI	**139**	8 Cyl.	STD
						2.00	4.80	126 RVT PC GI	**139010**		0.25
						4.75	4.88	860 FV CR	**139020**		0.50
								732 FV CR	**139030**		0.75
									139040		1.00
									139060		1.50
									139070		1.75
									139080		2.00
									139100		2.50
								362 BF 3CR GI	**2C139**		STD
								126 RVT PC GI	**2C139010**		0.25
								860 FV CR	**2C139020**		0.50
								732 FV CR	**2C139030**		0.75
									2C139040		1.00
									2C139060		1.50
									2C139070		1.75
									2C139080		2.00
								397 BF PM S	**2M139**		STD
								126 RVT PC GI	**2M139010**		0.25
								860 FV CR	**2M139100**		2.50
								732 FV CR	**2M139020**		0.50
									2M139030		0.75
									2M139040		1.00
									2M139005		0.13
									2M139060		1.50
									2M139070		1.75
									2M139080		2.00

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
AMERICAN MOTORS-ALSO SEE JEEP-EAGLE											
151 C.I.D.		4	1982-88	2.5L Deep Oil Ring Groove	101.60	1.60	4.78	032 BF PC GI	**4366**	4 Cyl.	STD
						2.00	4.80	126 RVT PC GI	**4366020**		0.50
						4.75	4.88	860 FV CR	**4366030**		0.75
								732 FV CR	**4366040**		1.00
									4366060		1.50
								362 BF 3CR GI	**2C4366**		STD
								126 RVT PC GI	**2C4366020**		0.50
								860 FV CR	**2C4366030**		0.75
								732 FV CR	**2C4366040**		1.00
									2C4366060		1.50
								327 BF PM GI	**2M4366**		STD
								126 RVT PC GI	**2M4366020**		0.50
								860 FV CR	**2M4366030**		0.75
								732 FV CR	**2M4366040**		1.00
									2M4366060		1.50
151 C.I.D.		4	1980	2.5L Deep Oil Ring Groove	101.60	2.00	4.78	032 BF PC GI	**5570**	4 Cyl.	STD
						2.00	4.80	126 RVT PC GI	**5570020**		0.50
						4.75	4.88	860 FV CR	**5570030**		0.75
								732 FV CR	**5570040**		1.00
									5570060		1.50
								362 BF 3CR GI	**2C5570**		STD
								126 RVT PC GI	**2C5570020**		0.50
								860 FV CR	**2C5570030**		0.75
								732 FV CR	**2C5570040**		1.00
									2C5570060		1.50
								397 BF PM S	**2M5570**		STD
								126 RVT PC GI	**2M5570020**		0.50
								860 FV CR	**2M5570030**		0.75
								732 FV CR	**2M5570040**		1.00
									2M5570060		1.50
									2M5570065		1.63
								397 BF PM S	**SM5570**		STD
								126 RVT PC GI	**SM5570020**		0.50
								860 FV CR	**SM5570030**		0.75
								732 FV CR	**SM5570040**		1.00
									SM5570060		1.50
									SM5570065		1.63
151 C.I.D.		4	1980-81	2.5L Shallow Oil Ring Groove	101.60	2.00	4.78	032 BF PC GI	**5630**	4 Cyl.	STD
						2.00	4.80	126 RVT PC GI	**5630020**		0.50
						4.75	1.27	872 FV CR	**5630030**		0.75
								732 FV CR	**5630040**		1.00
								362 BF 3CR GI	**2C5630**		STD
								126 RVT PC GI	**2C5630020**		0.50
								872 FV CR	**2C5630030**		0.75
								732 FV CR	**2C5630040**		1.00
									2C5630060		1.50
								397 BF PM S	**2M5630**		STD
								126 RVT PC GI	**2M5630020**		0.50
								872 FV CR	**2M5630030**		0.75
								732 FV CR	**2M5630040**		1.00
151 C.I.D.		4	1982-88	2.5L Shallow Oil Ring Groove	101.60	1.60	4.78	032 BF PC GI	**5663**	4 Cyl.	STD
						2.00	4.80	126 RVT PC GI	**5663020**		0.50
						4.75	1.27	872 FV CR	**5663030**		0.75
								732 FV CR	**5663040**		1.00
									5663060		1.50
								362 BF 3CR GI	**2C5663**		STD
								126 RVT PC GI	**2C5663020**		0.50
								872 FV CR	**2C5663030**		0.75
								732 FV CR	**2C5663040**		1.00
									2C5663060		1.50
								327 BF PM GI	**2M5663**		STD
								126 RVT PC GI	**2M5663020**		0.50
								872 FV CR	**2M5663030**		0.75
								732 FV CR	**2M5663040**		1.00
									2M5663060		1.50

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
AMERICAN MOTORS-ALSO SEE JEEP-EAGLE											
343 C.I.D.		8	1967-69	5.6Litre	103.63	2.00	4.88	032 BF PC GI	**693**	8 Cyl.	STD
360 C.I.D.		8	1970-79	5.9 Litre		2.00	4.90	126 RVT PC GI	**693020**		0.50
						4.75	4.75	860 FV CR	**693030**		0.75
								732 FV CR	**693040**		1.00
									693060		1.50
								362 BF 3CR GI	**2C693**		STD
								126 RVT PC GI			
								860 FV CR			
								732 FV CR			
								327 BF PM GI	**2M693**		STD
								126 RVT PC GI	**2M693020**		0.50
								860 FV CR	**2M693030**		0.75
								732 FV CR	**2M693040**		1.00
									2M693060		1.50
390 C.I.D.		8	1968-70	6.4L Performance Eng.	105.79	1.60	4.95	336 T PM DI	**2M5542**	8 Cyl.	STD
401 C.I.D.		8	1971-74	6.6L Performance Eng.		1.60	4.98	126 RVT PC GI	**2M5542030**		0.75
						4.75	5.08	622 FV CR	**2M5542045**		1.13
								732 FV CR	**2M5542065**		1.63
390 C.I.D.		8	1968-70	6.4Litre	105.79	2.00	4.95	032 BF PC GI	**672**	8 Cyl.	STD
401 C.I.D.		8	1971-76	6.6Litre		2.00	4.98	126 RVT PC GI	**672030**		0.75
						4.75	5.21	860 FV CR	**672040**		1.00
								732 FV CR			
								362 BF 3CR GI	**2C672**		STD
								126 RVT PC GI			
								860 FV CR			
								732 FV CR			
								327 BF PM GI	**2M672**		STD
								126 RVT PC GI	**2M672030**		0.75
								860 FV CR			
								732 FV CR			
ATLAS ROYAL											
12 H.P.			1948-53	OUT BOARD	60.33	2.25	2.59	022 ST PC GI	**245**	1 Cyl.	STD
						2.25	2.62	022 ST PC GI			
						2.25	2.62	022 ST PC GI			
AUDI											
HB	1093	4	1974-80	1.0L 1000, 50GL, 50LS	69.50	1.75	3.25	362 BF 3CR GI	**2C4484**	4 Cyl.	STD
HC						2.50	3.28	401 SCRP PC GI	**2C4484010**		0.25
HD						4.00	3.81	055 FV CR	**2C4484020**		0.50
								732 FV CR			
HB	1093	4	1974-80	1.0L 1000, 50GL, 50LS	69.50	1.75	3.25	032 BF PC GI	**6192**	4 Cyl.	STD
HC						2.00	3.28	401 SCRP PC GI	**6192020**		0.50
HD						4.00	3.81	055 FV CR	**6192040**		1.00
								732 FV CR			
								362 BF 3CR GI	**2C6192**		STD
								401 SCRP PC GI	**2C6192010**		0.25
								055 FV CR	**2C6192020**		0.50
								732 FV CR	**2C6192030**		0.75
									2C6192040		1.00
ZA, ZF	1297	4	1972-79	1.3L 80, 80L, AB, NSU, PS	75.00	2.00	3.45	032 BF PC GI	**4360**	4 Cyl.	STD
056						2.50	3.48	401 SCRP PC GI	**4360020**		0.50
						4.00	3.94	056 FV CR	**4360040**		1.00
								732 FV CR			
								362 BF 3CR GI	**2C4360**		STD
								401 SCRP PC GI	**2C4360010**		0.25
								056 FV CR	**2C4360020**		0.50
								732 FV CR	**2C4360030**		0.75
									2C4360040		1.00
EP	1297	4	1978-88	1.3L 80, 80L	75.00	1.50	2.95	032 BF PC GI	**4693**	4 Cyl.	STD
052						1.75	3.23	401 SCRP PC GI	**4693020**		0.50
						3.00	3.18	054 FV CR	**4693030**		0.75
								732 FV CR	**4693040**		1.00
								363 BF CR GI	**2C4693**		STD
								401 SCRP PC GI	**2C4693020**		0.50
								054 FV CR	**2C4693030**		0.75
								732 FV CR	**2C4693040**		1.00

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
AUDI											
1.0Litre 1043cc	1043	4	1987-ON	1.0L 80, G40	75.00	1.75	3.45	362 BF 3CR GI	**2C5086**	4 Cyl.	STD
						2.00	3.48	401 SCRP PC GI	**2C5086020**		0.50
						3.00	3.18	054 FV CR	**2C5086040**		1.00
								732 FV CR			
056	1471	4	1972-80	1.5L Fox, 80GL	76.50	2.00	3.45	032 BF PC GI	**4282**	4 Cyl.	STD
						2.50	3.48	126 RVT PC GI	**4282020**		0.50
						4.00	3.94	056 FV CR	**4282030**		0.75
								732 FV CR	**4282040**		1.00
								363 BF CR GI	**2C4282**		STD
								126 RVT PC GI	**2C4282010**		0.25
								056 FV CR	**2C4282020**		0.50
								732 FV CR	**2C4282030**		0.75
									2C4282040		1.00
CR, JK, 068	1588	4	1980-91	1.6 L 80 1.6D, 4000D DIESEL	76.50	1.75	3.45	102 T PC GI	**4487**	4 Cyl.	STD
						2.00	3.48	401 SCRP PC GI	**4487010**		0.25
						3.00	3.56	054 FV CR	**4487020**		0.50
								732 FV CR	**4487030**		0.75
									4487040		1.00
								362 BF 3CR GI	**2D4487**	4 Cyl.	STD
								401 SCRP PC GI	**2D448725**		0.25
								204 CF CR DI	**2D448750**		0.50
								881 2PCO	**2D448775**		0.75
									2D4487100		1.00
CN	1986	5	1978-90	2.0L DIESEL 100	76.50	1.75	3.45	362 BF 3CR GI	**2D4498**	5 Cyl.	STD
						2.00	3.48	401 SCRP PC GI	**2D449825**		0.25
						3.00	3.68	204 CF CR DI	**2D449850**		0.50
								881 2PCO	**2D449875**		0.75
									2D44981		1.00
CTHG	1390	4	2011-on	1.4L A1 TFSI TURBO	76.50	1.20	3.33	398 BF CR S	**2C5391**	4 Cyl.	STD
						1.50	3.48	126 RVT PC GI	**2C5391020**		0.50
						2.00	2.92	993 FV CR			
								005 FV CR			
CAXA, CAXC, CMSA, CNVA	1390	4	2006-13	1.4L TFSI TURBO A1, A3	76.50	1.20	3.33	398 BF CR S	**2C5438**	4 Cyl.	STD
BLF, BLP	1598	4	2004-08	1.6L FSI A3		1.20	3.48	610 RVL PC GI	**2C543850**		0.50
						2.00		993 FV CR			
								5 FV CR			
								322 BF GN SS	**2N5438**		STD
								126 RVT PC GI	**2N543925**		0.25
								995 FV CR	**2N543850**		0.50
								714 GN SS			
CY, RA, SB	1588		1978-89	16.L Turbo Diesel	76.50	1.75	3.35	215 TBF CR DI	**2C7148**	1 Cyl.	STD
DE, NC	1986		1978-89	2.0L Turbo Diesel		2.00	3.38	209 RVT PC DI			
						3.00	3.68	204 CF CR DI			
								881 2PCO			
BCZ, BDG, BDH, BFC	2496		2000-06	2.5L Turbo Diesel DOHC TDi	78.30	1.75	3.40	205 BF CR DI	**2D7284**	1 Cyl.	STD
						2.00	3.43	214 RVT PC DI			
						3.00	3.68	204 CF CR DI			
								881 2PCO			
49	1588	4	1973-75	16.L Fox 80GT, 100L	79.50	2.00	3.40	032 BF PC GI	**4304**	4 Cyl.	STD
						2.50	3.43	126 RVT PC GI	**4304020**		0.50
						5.00	1.27	860 FV CR	**4304040**		1.00
								732 FV CR			
								362 BF 3CR GI	**2C4304**		STD
								126 RVT PC GI	**2C4304020**		0.50
								860 FV CR			
								732 FV CR			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
AUDI											
1457cc	1457	4	1978-80	1.5L	79.50	1.75	3.15	032 BF PC GI	**4490**	4 Cyl.	STD
1588cc	1588	4	1978-80	1.6L Fox 80GL, GLS, 4000-4 ,		2.00	3.43	126 RVT PC GI	**4490010**		0.25
1715cc	1715	4	1981-83	1.7L 4000, 4000S		4.00	3.81	056 FV CR	**4490020**		0.50
								732 FV CR	**4490030**		0.75
									4490040		1.00
									4490060		1.50
								363 BF CR GI	**2C4490**		STD
								126 RVT PC GI	**2C4490010**		0.25
								056 FV CR	**2C4490020**		0.50
								732 FV CR	**2C4490030**		0.75
									2C4490040		1.00
									2C4490060		1.50
								327 BF PM GI	**2M4490**		STD
								126 RVT PC GI	**2M4490010**		0.25
								056 FV CR	**2M4490020**		0.50
								732 FV CR	**2M4490030**		0.75
									2M4490040		1.00
									2M4490060		1.50
1Y, 1X, AAZ, ADE,	1896	4	1990-94	1.9L DIESEL ENGINE	79.50	1.75	3.38	376 BF CR DI	**2C5212**	1 Cyl.	STD
AAS, 3D	2370	4	1990-94	2.4L DIESEL ENGINE		2.00	3.53	209 RVT PC DI	**2C521225**		0.25
						3.00	3.68	204 CF CR DI	**2C521250**		0.50
								881 2PCO	**2C5212100**		2.50
1Y, 1Z, AAZ, AFF, AFN, AGR, AHF AHH, AHU, ALH, ASV, AVG, BKE	1896	4	1989-91	1.9L Diesel	79.50	1.75	3.38	205 BF CR DI	**2D5854**	1 Cyl.	STD
3D, AAS	2370	4	1989-94	2.4L Diesel, Transporter		2.00	3.53	210 SCRP TF PC DI	**2D5854025**		0.25
						3.00	3.68	204 CF CR DI			
								881 2PCO			
49	1588	4	1975-80	16L 4000, FOX	79.50	1.75	3.40	032 BF PC GI	**6118**	4 Cyl.	STD
						2.50	3.43	126 RVT PC GI	**6118020**		0.50
						5.00	4.39	860 FV CR	**6118030**		0.75
								732 FV CR	**6118040**		1.00
								362 BF 3CR GI	**2C6118**		STD
								126 RVT PC GI	**2C6118020**		0.50
								860 FV CR	**2C6118040**		1.00
								732 FV CR			
35	2144	5	1978-85	2.1L 5+5, 4000, 5000, Coupe	79.50	1.75	3.15	363 BF CR GI	**2C6145**	5 Cyl.	STD
				Quattro,		2.00	3.43	126 RVT PC GI	**2C6145020**		0.50
						4.00	3.81	056 FV CR			
								732 FV CR			
		4		60, 72, 80 Valiant	80.00	2.00	3.18	032 BF PC GI	**6113**	4 Cyl.	STD
						2.50	3.71	401 SCRP PC GI			
						5.00	1.27	871 FV CR			
								732 FV CR			
								362 BF 3CR GI	**2C6113**		STD
								401 SCRP PC GI			
								871 FV CR			
								732 FV CR			
ABM, ADA, DT, DTA, JU, PP, RN, SA,	1595	4	1979-96	1.6L 80	81.00	1.50	3.18	032 BF PC GI	**4341**	4 Cyl.	STD
DR, JN, MG, RU, SF,	1781	4	1983-92	1.8L 80, 100, Quatro, Coupe		1.75	3.61	126 RVT PC GI	**4341010**		0.25
						3.00	3.18	054 FV CR	**4341020**		0.50
								732 FV CR	**4341030**		0.75
									4341040		1.00
								362 BF 3CR GI	**2C4341**		STD
								126 RVT PC GI	**2C4341010**		0.25
								054 FV CR	**2C4341020**		0.50
								732 FV CR	**2C4341030**		0.75
									2C4341040		1.00
								335 T PM DI	**2M4341**		STD
								126 RVT PC GI	**2M4341010**		0.25
								054 FV CR	**2M4341020**		0.50
								732 FV CR	**2M4341030**		0.75
									2M4341040		1.00

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
AUDI											
HP, JS, KP, PS, RT, SK, SL,	1994	5	1984-92	20L 90, Quatro, Coupe	81.00	1.50	3.58	335 T PM DI	**2D4541**	5 Cyl.	STD
1B, 2B, HX, HY, JT, KM, KU, KV, KX,	2226	5	1982-92	2.2L 80, 90, 100, 200, Avant, Quatro,		1.75	3.61	126 RVT PC GI	**2D454150**		0.50
KZ, MC, RR,						3.00	3.58	553 CF CR GI 881 2PCO	**2D454175**		0.75
APB, BEL	2700	6	2000-05	2.7L A6 Quattro incl. turbo	81.00	1.50	3.58	335 T PM DI	**2M4584**	6 Cyl.	STD
						1.75	3.61	126 RVT PC GI	**2M4584020**		0.50
						2.00	2.92	993 FV CR	**2M4584030**		0.75
								005 FV CR	**2M4584040**		1.00
ALZ, ANA, AVU, BFQ, BGU, BSE,	1595	4	1994-12	1.6L A3, A4	81.00	1.00	3.33	398 BF CR S	**2C4590**	4 Cyl.	STD
BSF, CCSA						1.20	3.15	126 RVT PC GI	**2C4590020**		0.50
						2.00	2.92	993 FV CR 005 FV CR	**2C4590040**		1.00
1588cc	1588	4		1.6L A4	81.00	1.50	3.18	032 BF PC GI	**4683**	4 Cyl.	STD
						1.50	3.23	126 RVT PC GI	**4683020**		0.50
						3.00	3.18	054 FV CR	**4683030**		0.75
								732 FV CR	**4683040**		1.00
								335 T PM DI	**2M4683**		STD
								126 RVT PC GI	**2M4683010**		0.25
								054 FV CR	**2M4683020**		0.50
								732 FV CR	**2M4683030**		0.75
									2M4683040		1.00
								322 BF GN SS	**2N4683**		STD
								126 RVT PC GI	**2N468325**		0.25
								672 FV GN	**2N468350**		0.50
								708 FV GN 708 FV GN	**2N468375**		0.75
ADR, AEB, AFY, AJL, ARK, AGN, AGU, AJP, AJQ, AMB, ANB, APT, APG, APP, APU, AQA, AQE, ARK, ARH, ARG, ARX, ARY, AUM, AUQ, AVJ, AVV, AWT, BEX, BFB, AGB, AZB	1781	4	1995-09	1.8L A3, A4, A6, TT Turbo	81.00	1.50	3.18	032 BF PC GI	**4923**	4 Cyl.	STD
BAM, AUL, APY, APX, AMU, AMK	1781	4	1999-07	1.8L A3, S3, TT Quattro		1.75	3.61	126 RVT PC GI	**4923020**		0.50
						2.00	2.92	993 FV CR 005 FV CR			
								335 T PM DI	**2M4923**		STD
								126 RVT PC GI	**2M4923020**		0.50
								993 FV CR	**2M4923030**		0.75
								005 FV CR	**2M4923040**		1.00
BDV, AML, AGA, AJG, APC, APS, ASM, ARN, AMM, ALW, ALF	2400	6	1997-03	2.4L A4, A6	81.00	1.50	3.18	327 BF PM GI	**2D5020**	6 Cyl.	STD
						1.50	3.35	401 SCRP PC GI			
						2.00	2.87	993 FV CR 005 FV CR			
AAT, ABP, AEL	2461		1990-97	Turbo Diesel TDi Avant, Estate	81.00	2.50	3.48	231 BF PM DI	**2M5864**	1 Cyl.	STD
						2.00	3.56	126 RVT PC GI			
						3.00	3.68	204 CF CR DI 881 2PCO			
BDK, BLB, BMM, BNA BPW, BRD, BVA, BVF, BVG	1968		2003-07	Diesel Turbo SOHC TDi, A3, A4	81.00	1.75	3.56	205 BF CR DI	**2D7282**	1 Cyl.	STD
						2.00	3.56	126 RVT PC GI	**2D728250**		0.50
						3.00	3.68	204 CF CR DI 881 2PCO			
CRBC, CRLB, CRBD, CRFA, CRFC, CUNA,	1968		2012-on	2.0L A3 TDI DIESEL	81.00	1.75	3.56	363 BF CR GI	**2C7487**	1 Cyl.	STD
						2.00	3.56	126 RVT PC GI			
						2.00	2.87	203 CF GN SS 881 2PCO			
7A	2309		1990-91	2.3L DOHC Coupe, Quattro	82.50	1.20	3.33	398 BF CR S	**2C4563**	1 Cyl.	STD
				w/1.2mm top grv.		1.75	3.61	126 RVT PC GI	**2C4563010**		0.25
						3.00	2.79	997 FV CR 732 FV CR	**2C4563020**		0.50

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
AUDI											
AAD, ABA, ABK, ADY	1984	4	2005-12	2.0L DOHC A4, A5, Q5	82.50	1.20	3.33	398 BF CR S	**2C4639**	4 Cyl.	STD
						1.50	3.25	126 RVT PC GI	**2C4639010**		0.25
						2.00	3.30	934 FV CR	**2C4639020**		0.50
								935 FV CR	**2C4639030**		0.75
									2C4639040		1.00
AVK, BGN, ATQ, AHA	2771	6	1996-03	2.8L Cabriolet, Quattro	82.50	1.20	3.33	398 BF CR S	**2C4924**	6 Cyl.	STD
	3000		2001-06	3.0L A4, A6,		1.50	3.25	126 RVT PC GI	**2C4924020**		0.50
						2.00	3.30	934 FV CR	**2C4924030**		0.75
								935 FV CR	**2C4924040**		1.00
	2309		1986-On	2.3L 90, 100, Coupe, Quattro	82.50	1.50	3.25	362 BF 3CR GI	**2C4927**	1 Cyl.	STD
						1.75	3.61	126 RVT PC GI	**2C4927010**		0.25
						3.00	2.79	997 FV CR	**2C4927020**		0.50
								732 FV CR	**2C4927040**		1.00
CDN	1984	4		2 .0L DOHC Turbo L4	82.50	1.00	3.33	398 BF CR S	**2C5382**	4 Cyl.	STD
						1.20	3.48	610 RVT PC GI	**2C5382020**		0.50
						1.50	2.34	981 FV CR			
								005 FV CR			
CDAA, CDHA, CDHB, CJEB, CJSA, CJSB,	1798	4	2005-15	1.8L TSI	82.50	4.75	3.12	398 BF CR S	**2C5385**	4 Cyl.	STD
CAEA, CAEB, CAED, CAWB, CBFA, CCTA, CCZA,CDNA, CDNC, CESA, CETA,CFKA, CHHB, CJKA, CJXB, CJXC, CNCB, CNCD, CNCE, CPMA, CPMB, CPSA, CYFB, CYNB, CYPA, CYPB	1984		2005-15	2.0L TSI		4.75	3.48	610 RVT PC GI			
						8.00	2.67	993 FV CR S			
								005 FV CR			
60	1984	4	1977-79	2.0L 100GL, 100LS	86.50	2.00	3.89	032 BF PC GI	**4466**	4 Cyl.	STD
						2.50	3.91	126 RVT PC GI	**4466020**		0.50
						5.00	4.11	871 FV CR	**4466040**		1.00
								732 FV CR	**4466060**		1.50
								362 BF 3CR GI	**2C4466**		STD
								126 RVT PC GI	**2C4466010**		0.25
								871 FV CR	**2C4466020**		0.50
								732 FV CR	**2C4466040**		1.00
									2C4466060		1.50
AUSTIN-ROVER											
L, H, LE	998	4	1980-On	Metro L, H, LE1000	64.58	1.60	3.00	032 BF PC GI	**4732**	4 Cyl.	STD
			1968-69	998cc Mini 1000, MKII		1.60	3.02	401 SCRP PC GI	**4732020**		0.50
						1.60	3.02	401 SCRP PC GI	**4732030**		0.75
						4.00	3.30	058 FV CR	**4732040**		1.00
								732 FV CR			
	998	4	1968-80	Mini 1000	64.57	1.60	3.00	032 BF PC GI	**6742**	4 Cyl.	STD
	1098		1963-70	Healy Sprite MK III, Mark II, 1100		1.60	3.02	032 BF PC GI	**6742010**		0.25
						1.60	3.02	401 SCRP PC GI	**6742020**		0.50
						3.00	1.27	716 FV	**6742030**		0.75
								710 FV CR	**6742040**		1.00
									6742060		1.50
									6742080		2.00
									6742100		2.50
									6742120		3.00
								362 BF 3CR GI	**2C6742**		STD
								032 BF PC GI	**2C6742010**		0.25
								401 SCRP PC GI	**2C6742020**		0.50
								710 FV CR	**2C6742030**		0.75
								732 FV CR	**2C6742040**		1.00
									2C6742060		1.50
		4			70.62	1.50	2.95	032 BF PC GI	**4355**	4 Cyl.	STD
						1.50	2.97	126 RVT PC GI	**4355020**		0.50
						3.00	3.30	054 FV CR	**4355040**		1.00
								732 FV CR			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
AUSTIN-ROVER											
	1275	4	1982-On	Metro, MG Turbo	70.61	1.60	2.95	102 T PC GI	**4731**	4 Cyl.	STD
	1275		1981-On	Allegro		1.60	2.97	102 T PC GI	**4731020**		0.50
	1275		1980-84	Morris Ital., HL/HLS		4.00	3.43	058 FV CR	**4731030**		0.75
	1275		1980-On	Metro, MG, S/HLS				732 FV CR	**4731040**		1.00
	1275	4	1960-72	America	70.61	1.60	3.30	102 T PC GI	**6802**	4 Cyl.	STD
	1275		1967-72	Healy Sprite Mark IV		1.60	3.33	102 T PC GI	**6802020**		0.50
						1.60	3.33	102 T PC GI	**6802030**		0.75
						4.00	3.43	058 FV CR	**6802040**		1.00
								732 FV CR	**6802060**		1.50
								362 BF 3CR GI	**2C6802**		STD
								102 T PC GI	**2C6802020**		0.50
								102 T PC GI	**2C6802030**		0.75
								058 FV CR	**2C6802040**		1.00
								732 FV CR	**2C6802060**		1.50
	1798	4	1964-73	Marina, GT 1800	80.26	1.60	3.68	102 T PC GI	**6738**	4 Cyl.	STD
			1964-71	1800 Mark I & II - For 5 Ring Piston Use 6894 Set Series		1.60	3.71	102 T PC GI	**6738030**		0.75
			1969-70	1800 Mark II		1.60	3.71	102 T PC GI			
			1970	Mark II S		4.00	3.94	056 FV CR			
								732 FV CR			
	1800	4	1972-76	Marina	80.26	1.60	3.68	102 T PC GI	**9526**	4 Cyl.	STD
						1.60	3.71	102 T PC GI	**9526030**		0.75
						4.00	3.94	056 FV CR			
								732 FV CR			
AUTOCAR											
		6		315, 331 Engs.	95.25	3.18	3.91	362 BF 3CR GI	**2D5028**	6 Cyl.	STD
						3.18	3.94	126 RVT PC GI			
						3.18	3.94	126 RVT PC GI			
						4.75	4.45	553 CF CR GI			
								881 2PCO			
		6		358, 377 Engs.	101.60	3.18	4.39	363 BF CR GI	**2C4007**	6 Cyl.	STD
						3.18	4.11	126 RVT PC GI			
						3.18	4.11	126 RVT PC GI			
						4.75	4.88	860 FV CR			
								732 FV CR			
		6		404, 447 Engs.	107.95	3.18	4.34	363 BF CR GI	**2C4006**	6 Cyl.	STD
						3.18	4.37	126 RVT PC GI			
						3.18	4.37	126 RVT PC GI			
						4.75	1.27	860 FV CR			
								732 FV CR			
								902 GL			
		6		453, 501 Engs.	114.30	3.18	4.83	363 BF CR GI	**2C4056**	6 Cyl.	STD
				501 Engs. 3000D Silvolite Piston		3.18	4.85	126 RVT PC GI			
						3.18	4.85	126 RVT PC GI			
						4.75	5.08	860 FV CR			
								732 FV CR			
BARR											
455 cu. in.		8			104.78	2.00	4.93	032 BF PC GI	**661**	8 Cyl.	STD
						2.00	4.95	126 RVT PC GI	**661010**		0.25
						4.75	5.00	860 FV CR	**661020**		0.50
								732 FV CR	**661030**		0.75
									661040		1.00
									661060		1.50
								362 BF 3CR GI	**2C661**		STD
								126 RVT PC GI	**2C661040**		1.00
								860 FV CR			
								732 FV CR			
								327 BF PM GI	**2M661**		STD
								126 RVT PC GI	**2M661010**		0.25
								860 FV CR	**2M661020**		0.50
								732 FV CR	**2M661030**		0.75
									2M661040		1.00
									2M661060		1.50

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
BARR											
403cu. in.		8			110.52	2.00	5.16	032 BF PC GI	**4454**	8 Cyl.	STD
						2.00	5.18	126 RVT PC GI	**4454010**		0.25
						4.75	1.27	860 FV CR	**4454030**		0.75
								732 FV CR	**4454040**		1.00
								362 BF 3CR GI	**2C4454**		STD
								126 RVT PC GI	**2C4454010**		0.25
								860 FV CR	**2C4454020**		0.50
								732 FV CR	**2C4454030**		0.75
									2C4454040		1.00
									2C4454060		1.50
								345 T PM GI	**2M4454**		STD
								126 RVT PC GI	**2M4454020**		0.50
								860 FV CR	**2M4454030**		0.75
								732 FV CR	**2M4454040**		1.00
									2M4454060		1.50
BENDIX											
				U 7 1/4 cu. ft. 2UE, TU-FLO 400 Set w/o Oil Ring	52.39	3.18	2.44	401 SCRP PC GI	**8266**	2 Cyl.	STD
						3.18	2.46	401 SCRP PC GI	**8266010**		0.25
						3.18	2.46	401 SCRP PC GI	**8266020**		0.50
						3.18	2.46	401 SCRP PC GI	**8266030**		0.75
				12 cu. ft. Type E	63.50	3.18	3.20	126 RVT PC GI	**268**	2 Cyl.	STD
						3.18	3.23	126 RVT PC GI	**268010**		0.25
						3.18	3.23	126 RVT PC GI	**268020**		0.50
						3.18	3.23	126 RVT PC GI	**268030**		0.75
						3.18	3.23	126 RVT PC GI			
				TU-FLO 500, 17L2, F12, Type E w/o oil rings	63.50	2.25	3.20	126 RVT PC GI	**7887**	1 Cyl.	STD
						2.25	3.23	126 RVT PC GI	**7887010**		0.25
						3.18	3.23	126 RVT PC GI	**7887020**		0.50
						2.25	3.23	126 RVT PC GI	**7887030**		0.75
						3.18	3.23	126 RVT PC GI			
				TU-FLO 501	66.68	2.25	3.12	126 RVT PC GI	**4457**	2 Cyl.	STD
						2.25	3.15	126 RVT PC GI	**4457020**		0.50
						4.75	1.27	871 FV CR	**4457030**		0.75
								732 FV CR			
				TU-FLO 501 5 Ring Piston	66.68	2.25	3.12	126 RVT PC GI	**4465**	2 Cyl.	STD
						2.25	3.15	126 RVT PC GI	**4465010**		0.25
						4.75	3.33	501 1PCO PC GI	**4465020**		0.50
						2.25	3.15	826 2PCO	**4465030**		0.75
						4.75	3.33	126 RVT PC GI			
								501 1PCO PC GI			
								826 2PCO			
				TU-FLO 501	66.68	2.25	3.12	126 RVT PC GI	**4469**	2 Cyl.	STD
						2.25	3.15	126 RVT PC GI	**4469020**		0.50
						4.75	3.81	871 FV CR	**4469030**		0.75
						4.75	4.62	732 FV CR	**4469040**		1.00
								126 RVT PC GI			
								126 RVT PC GI			
				TU-FLO 501, 16.2, L2 w/cast oil ring	66.68	2.25	3.12	126 RVT PC GI	**7888**	1 Cyl.	STD
						2.25	3.15	126 RVT PC GI	**7888010**		0.25
						4.75	3.15	501 1PCO PC GI	**7888020**		0.50
									7888030		0.75
				TU-FLO 600, TU-FLO 700 3 Ring Piston	69.85	2.25	2.69	126 RVT PC GI	**6008**	2 Cyl.	STD
						2.25	2.72	126 RVT PC GI	**6008010**		0.25
						4.75	3.81	871 FV CR	**6008020**		0.50
								732 FV CR	**6008030**		0.75
				TU-FLO 600, TU-FLO 700 5 Ring Piston	69.85	2.25	2.69	126 RVT PC GI	**6009**	2 Cyl.	STD
						2.25	2.72	126 RVT PC GI	**6009030**		0.75
						2.25	2.72	126 RVT PC GI			
						4.75	3.81	871 FV CR			
						4.75	3.28	732 FV CR			
								501 1PCO PC GI			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
BENDIX											
				TU-FLO 550, TU-FLO 750	70.61	2.25	2.72	102 T PC GI	**4967**	2 Cyl.	STD
						2.25	2.74	102 T PC GI	**4967010**		0.25
						4.75	3.43	870 FV CR	**4967020**		0.50
						2.25	3.58	732 FV CR	**4967030**		0.75
						4.75	3.33	126 RVT PC GI	**4967040**		1.00
								501 1PCO PC GI			
				Model 159	75.00	2.00	3.45	102 T PC GI	**5030**	1 Cyl.	STD
						2.00	3.48	401 SCRP PC GI			
						4.00	3.43	058 FV CR			
								732 FV CR			
				TU-FLO 850	80.00	3.00	3.18	102 T PC GI	**4964**	1 Cyl.	STD
						3.00	3.20	102 T PC GI			
						3.00	3.20	401 SCRP PC GI			
						4.00	3.30	058 FV CR			
								732 FV CR			
				Model 190	80.00	1.50	3.18	102 T PC GI	**5032**	1 Cyl.	STD
						1.50	3.20	102 T PC GI	**5032020**		0.50
						3.00	3.18	054 FV CR			
								732 FV CR			
BERKELEY PACKAJET											
350 cu. in.		8			103.07	2.00	4.85	032 BF PC GI	**697**	8 Cyl.	STD
						2.00	4.88	126 RVT PC GI	**697030**		0.75
						4.75	5.00	860 FV CR	**697040**		1.00
								732 FV CR	**697060**		1.50
								363 BF CR GI	**2C697**		STD
								126 RVT PC GI	**2C697020**		0.50
								860 FV CR	**2C697030**		0.75
								732 FV CR	**2C697040**		1.00
								327 BF PM GI	**2M697**		STD
								126 RVT PC GI	**2M697030**		0.75
								860 FV CR			
								732 FV CR			
455 cu. in.		8			104.78	2.00	4.93	032 BF PC GI	**661**	8 Cyl.	STD
						2.00	4.95	126 RVT PC GI	**661010**		0.25
						4.75	5.00	860 FV CR	**661020**		0.50
								732 FV CR	**661030**		0.75
									661040		1.00
									661060		1.50
								362 BF 3CR GI	**2C661**		STD
								126 RVT PC GI	**2C661040**		1.00
								860 FV CR			
								732 FV CR			
								327 BF PM GI	**2M661**		STD
								126 RVT PC GI	**2M661010**		0.25
								860 FV CR	**2M661020**		0.50
								732 FV CR	**2M661030**		0.75
									2M661040		1.00
									2M661060		1.50
403cu. in.		8			110.52	2.00	5.16	032 BF PC GI	**4454**	8 Cyl.	STD
						2.00	5.18	126 RVT PC GI	**4454010**		0.25
						4.75	1.27	860 FV CR	**4454030**		0.75
								732 FV CR	**4454040**		1.00
								362 BF 3CR GI	**2C4454**		STD
								126 RVT PC GI	**2C4454010**		0.25
								860 FV CR	**2C4454020**		0.50
								732 FV CR	**2C4454030**		0.75
									2C4454040		1.00
									2C4454060		1.50
								345 T PM GI	**2M4454**		STD
								126 RVT PC GI	**2M4454020**		0.50
								860 FV CR	**2M4454030**		0.75
								732 FV CR	**2M4454040**		1.00
									2M4454060		1.50

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
BERKELEY PACKAJET											
460 cu. in.		8			110.74	2.00	4.70	032 BF PC GI	**598**	8 Cyl.	STD
						2.00	4.72	126 RVT PC GI	**598020**		0.50
						4.75	4.88	860 FV CR	**598030**		0.75
								732 FV CR	**598040**		1.00
									598060		1.50
								363 BF CR GI	**2C598**		STD
								126 RVT PC GI	**2C598020**		0.50
								860 FV CR	**2C598030**		0.75
								732 FV CR	**2C598040**		1.00
									2C598060		1.50
								345 T PM GI	**2M598**		STD
								126 RVT PC GI	**2M598020**		0.50
								860 FV CR	**2M598030**		0.75
								732 FV CR	**2M598040**		1.00
									2M598060		1.50
BMW-CARS											
	1364		2003-06	Diesel 1ND-TV (MINI)	73.00	1.50	2.46	239 BF CC DI	**2D5856**	1 Cyl.	STD
						1.50	2.82	218 TF PC DI			
						3.00	3.68	204 CF CR DI			
								881 2PCO			
	1598	4	2002-08	MINI Cooper W10 SOHC W11 SOHC Supercharged	77.00	1.20	2.92	398 BF CR S	**2C4181**	4 Cyl.	STD
						1.50	3.33	401 SCRP PC GI			
						2.00	2.92	993 FV CR			
								005 FV CR			
	1598	4	2007-11	MINI Cooper, DOHC N12 non Turbo N14 & N18 Turbo	77.00	1.20	2.92	398 BF CR S	**2C5159**	4 Cyl.	STD
						1.20	3.48	610 RVT PC GI	**2C5159020**		0.50
						2.50	2.92	995 FV CR	**2C5159040**		1.00
								732 FV CR			
M54B22, M54226S1	2171	6	2000-10	320i, 320 ci, 520i, Z3, Z4	80.00	1.20	3.12		**2C4501**	6 Cyl.	STD
						1.50	3.48				
						2.00	2.92				
M52B206S3, M22B206S1	1991	6	1992-94	320i, 520i, E36, E39, E46 M52B206S3, M22B206S1, Series 3	80.00	1.50	3.18	362 BF 3CR GI	**2C4559**	6 Cyl.	STD
						1.50	3.48	126 RVT PC GI			
						2.00	2.92	993 FV CR			
								005 FV CR			
	1900	6	1982-On	320i, 520i	80.00	1.50	3.18	102 T PC GI	**4617**	6 Cyl.	STD
	1990		1977-On	320/A, 520/A, M60		2.00	3.20	126 RVT PC GI	**4617020**		0.50
	2315		1977-On	323i, M60		3.50	3.81	055 FV CR	**4617040**		1.00
								732 FV CR			
								362 BF 3CR GI	**2C4617**		STD
								126 RVT PC GI	**2C4617010**		0.25
								055 FV CR	**2C4617020**		0.50
								732 FV CR	**2C4617040**		1.00
M 57 D 25,	2497		2000-04	Turbo Diesel M57 D25	80.00	3.00	3.51	225 FKST CR DI	**2C7357**	1 Cyl.	STD
						2.00	3.53	210 SCRP TF PC DI			
						3.00	3.43	204 CF CR DI			
								881 2PCO			
M 57 D 25,	2497		2000-04	Turbo Diesel M57, D25, 525d	80.00	2.50	3.35	205 BF CR DI	**2D7412**	1 Cyl.	STD
						2.00	3.53	210 SCRP TF PC DI			
						3.00	3.68	204 CF CR DI			
								881 2PCO			
N52 B25, N52 B254, N52 B25C	2497	6	2001-12	325i, 525i, 523i, X3, Z4, 325xi, 525xi	82.00	1.20	3.12	398 BF CR S	**2C4108**	6 Cyl.	STD
						1.50	3.25	126 RVT PC GI			
						2.00	2.92	993 FV CR S			
								005 FV CR			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
BMW-CARS											
M 57 D 25,	2693	6	1984-87	325E	84.00	1.50	3.43	102 T PC GI	**4340**	6 Cyl.	STD
	2693		1982-87	528E		2.00	3.45	401 SCRP PC GI	**4340010**		0.25
						4.00	4.24	056 FV CR	**4340020**		0.50
								732 FV CR	**4340030**		0.75
									4340040		1.00
								362 BF 3CR GI	**2C4340**		STD
								401 SCRP PC GI	**2C4340010**		0.25
								056 FV CR	**2C4340020**		0.50
								732 FV CR	**2C4340030**		0.75
									2C4340040		1.00
M 40 B 18 E, M 42 B 18, TÜ1, M 43 B 18, M 43 B 16, M 50 B 25, M 1 E, TÜ, EU 3 LE, M 52 B 28, M 60 B 30	1596		1993-On	316i M43B16E36 w/1.5mm top grv.	84.00	1.50	3.20	032 BF PC GI	**4557**	2 Cyl.	STD
	1796		1993-On	318i, 518i Z3 M42B18ME w/1.5mm top grv.		1.50	3.73	126 RVT PC GI	**4557020**		0.50
	2793		1995-On	323i, 325i, 328i, 523i, 528i, 728i M50B25, M52B28 DOHC w/1.5mm top grv.		2.00	2.92	993 FV CR	**4557040**		1.00
	3498		1995-On	535i, 735i M62B35C w/1.5mm top grv.				005 FV CR			
								362 BF 3CR GI	**2C4557**		STD
								126 RVT PC GI	**2C4557020**		0.50
								993 FV CR	**2C4557040**		1.00
								005 FV CR			
M40B18E, M42B18, M43B16, M52B25, M52B28GG, M54B25	1795		1991-05	318i M40B18E, M42B18, M43B16 w/1.2mm top grv.	84.00	1.20	3.33	398 BF CR S	**2C4573**	2 Cyl.	STD
	2494		1992-05	325i, 328i, 525i, M52B25, M52B28GG, M54B25 w/1.2mm top grv.		1.50	3.73	126 RVT PC GI	**2C4573020**		0.50
	2997		1992-05	730i, M60B30 w/1.2mm top grv.		2.00	2.92	993 FV CR	**2C4573040**		1.00
								005 FV CR			
	2494	6	1989-95	525i	84.00	1.50	3.43	362 BF 3CR GI	**2C4762**	6 Cyl.	STD
	2494		1987-95	325e, 325i, 325is, 328e Cabriolet		1.75	3.45	401 SCRP PC GI	**2C4762010**		0.25
						3.00	3.30	054 FV CR	**2C4762020**		0.50
								732 FV CR	**2C4762030**		0.75
									2C4762040		1.00
	1795	4	1987-90	318i	84.00	1.50	3.43	362 BF 3CR GI	**2C4763**	4 Cyl.	STD
						1.75	3.45	401 SCRP PC GI	**2C4763010**		0.25
						3.00	3.30	054 FV CR	**2C4763020**		0.50
								732 FV CR	**2C4763030**		0.75
									2C4763040		1.00
E46, M47, M57	1951		1999-07	E46, M47 Diesel Turbo	84.00	3.00	3.66	221 FKST CC DI	**2D7279**	1 Cyl.	STD
	2926		1999-07	M57 Deisel Turbo		2.00	3.43	406 N PC DI	**2D727925**		0.25
						3.00	2.84	203 CF GN SS			
								881 2PCO			
M57D30	2993		2002-05	Turbo Diesel M57D30	84.00	2.50	3.66	217 BF CR DI	**2C7288**	1 Cyl.	STD
						2.00	3.68	210 SCRP TF PC DI			
						3.00	3.68	204 CF CR DI			
								881 2PCO			
M 57 D 20, M 57 D 25, M 57 D 30, M 57 N 306 D4, N 57 306 D 2, M 57 D 44,	2993		2003-11	Turbo Diesel M57, TU2	84.00	2.50	3.35	205 BF CR DI	**2D7374**	1 Cyl.	STD
						2.00	3.68	202 TTF PC DI			
						2.00	2.87	248 CF CR			
								881 2PCO			
M44B19	1895	4	1996-On	M44B19, 318i	85.00	1.20	3.33	398 BF CR S	**2C5203**	4 Cyl.	STD
						1.50	3.43	126 RVT PC GI	**2C5203020**		0.50
						2.00	3.05	993 FV CR	**2C5203040**		1.00
								005 FV CR			
S52B	2990	6		Series 3, S52B306S1	86.00	1.20	3.12	398 BF CR S	**2C5239**	6 Cyl.	STD
	3201			(use .016 ovz) for 3.2L		1.50	3.43	126 RVT PC GI			
						2.00	2.79	993 FV CR			
								005 FV CR			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
BMW-CARS											
	2494	6	1968-76	525, 2500, 2800	86.00	1.75	3.20	032 BF PC GI	**6144**	6 Cyl.	STD
	2788		1969-81	528i, 728A		2.00	3.89	401 SCRP PC GI	**6144010**		0.25
						4.00	4.11	056 FV CR	**6144020**		0.50
								732 FV CR	**6144040**		1.00
								362 BF 3CR GI	**2C6144**		STD
								401 SCRP PC GI	**2C6144010**		0.25
								056 FV CR	**2C6144020**		0.50
								732 FV CR			
, 120, 121, M 10 B 20, M 10 E 20, M 15 E 12, M 10 B 18 K - S, M 30 B 30, M 30 B 32	1766	4	1965-85	318, 518, 1800, 2000, 2002, 2002Ti, 320i, 520	89.00	1.75	3.63	376 BF CR DI	**2C4214**	4 Cyl.	STD
	1800		1965-85	318, 518, 1800, 2000,2002, 2002Ti, 320i, 520		2.00	3.99	126 RVT PC GI	**2C4214010**		0.25
	1990		1965-85	318, 518, 1800, 2000, 2002, 2002Ti, Tii, 320, 520		4.00	4.11	056 FV CR	**2C4214020**		0.50
	2000		1965-85	318, 518, 1800, 2000, 2002, 2002Ti, 320i, 520				732 FV CR	**2C4214030**		0.75
									2C4214040		1.00
	2985	6	1971-84	Bavaria Coupe, 3.0CS, 3.0S, 3.051, CS, CSi 530, 533i, 630, 728i, 730 Bavaria, 633CSi, 733	89.00	1.75	3.63	362 BF 3CR GI	**2C4228**	6 Cyl.	STD
	3000		1971-84	Bavaria Coupe, 3.0CS, 3.0S, 3.051, CS, CSi 530, 533i, 630, 728i, 730 Bavaria, 633CSi, 733		2.00	3.99	126 RVT PC GI	**2C4228010**		0.25
	3210		1971-84	Bavaria Coupe, 3.0CS, 3.0S, 3.051, CS, CSi 530, 533i, 630, 728i, 730 Bavaria, 633CSi, 733		4.00	4.11	056 FV CR	**2C4228020**		0.50
			1971-84					732 FV CR	**2C4228040**		1.00
	2946	6	1986-On	530i, 730i	89.00	1.50	3.25	397 BF PM S	**2M5145**	6 Cyl.	STD
	3210		1979-82	745i		2.00	3.99	126 RVT PC GI	**2M5145020**		0.50
						3.50	3.94	056 FV CR			
								732 FV CR			
	3453	6	1985-On	535i, M5, M535i Incl. Turbo	92.00	1.50	4.06	032 BF PC GI	**4736**	6 Cyl.	STD
	3453		1983-On	745i Incl. Turbo		2.00	4.09	401 SCRP PC GI	**4736020**		0.50
	3453		1982-On	635CSi, 735i Incl. Turbo		3.50	3.43	058 FV CR	**4736030**		0.75
								732 FV CR	**4736040**		1.00
								362 BF 3CR GI	**2C4736**		STD
								401 SCRP PC GI	**2C4736020**		0.50
								058 FV CR			
								732 FV CR			
								327 BF PM GI	**2M4736**		STD
								401 SCRP PC GI	**2M4736020**		0.50
								058 FV CR	**2M4736030**		0.75
								732 FV CR	**2M4736040**		1.00
	4398	8		735 w/1.2mm top grv.	92.00	1.20	3.33	398 BF CR S	**2C5211**	8 Cyl.	STD
						1.50	3.78	401 SCRP PC GI	**2C5211020**		0.50
						2.00	2.92	991 FV CR			
								005 FV CR			
	4398	8	1998-03	740i, 740L, X5 w/1.5mm top grv. Alusil bore use 2C5296	92.00	1.50	3.45	363 BF CR GI	**2C5296**	8 Cyl.	STD
						1.50	4.09	401 SCRP PC GI			
						2.00	2.92	991 FV CR			
								005 FV CR			
								335 T PM DI	**2M5296**		STD
								126 RVT PC GI	**2M5296020**		0.50
								991 FV CR			
								005 FV CR			
BRIGGS & STRATTON											
				100700	65.09	1.60	3.05	032 BF PC GI	**4798**	1 Cyl.	STD
						1.60	3.07	401 SCRP PC GI			
						4.00	3.30	058 FV CR			
								732 FV CR			
								362 BF 3CR GI	**2C4753**		STD
								401 SCRP PC GI			
								054 FV CR			
								732 FV CR			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
BRIGGS & STRATTON											
				350400, 350700, 351700	72.00	1.20	2.92	398 BF CR S	**2C4813**	1 Cyl.	STD
						1.20	3.10	126 RVT PC GI	**2C4813020**		0.50
						2.50	2.67	995 FV CR			
								732 FV CR			
				220400 to 220499 220700 to 220799 221400 to 221499 222400 to 222499 251400 to 251499 10 HP 251700 to 251799 252400 to 252499 252700 to	87.31	2.00	4.11	362 BF 3CR GI	**2C6638**	1 Cyl.	STD
				252799 253400 to 253499 253700 to 253799 254400 to 254499 255400 to 255499 255700 to 255799 256700 to 256799 257700 to 257799 272405		2.00	4.14	362 BF 3CR GI			
				280700 to 280799 281700 to 281799 282700 to 282799 283700 to 283799 286700 to 286799 300420 to 300425 301430 to 301435 302400 to 302499 320420 to 320428 325430 to 325438		4.75	1.27	860 FV CR			
				401400 to 401499 16 HP 401700 to 401799 402400 to 402499 402700 to 402799 404400 to 404499 404700 to 404799 421400 to 421499 421700 to 421799 18 HP 422400 to 422499 422700 to 422799				732 FV CR			
				320400 to 320499 14 HP 326400 to 326499	90.49	2.00	4.01	032 BF PC GI	**6962**	1 Cyl.	STD
						2.00	4.29	126 RVT PC GI	**6962010**		0.25
						4.75	4.62	860 FV CR	**6962020**		0.50
								732 FV CR			
BROOKLURE											
			1950-53	12 H.P.	60.33	2.25	2.59	022 ST PC GI	**245**	1 Cyl.	STD
						2.25	2.62	022 ST PC GI			
						2.25	2.62	022 ST PC GI			
BSA											
250cc	250		1967-70,	MOTORCYCLES	67.00	1.60	2.77	102 T PC GI	**6942**		STD
750cc	750		1969-70	MOTORCYCLES		1.60	2.79	102 T PC GI	**6942040**		1.00
						3.18	2.95	501 1PCO PC GI			
								826 2PCO			
								362 BF 3CR GI	**2C6942**		STD
								102 T PC GI	**2C6942040**		1.00
								501 1PCO PC GI			
								826 2PCO			
650cc	650		1963-70	MOTORCYCLES	75.00	1.60	2.95	102 T PC GI	**6939**	2 Cyl.	STD
						1.60	2.97	102 T PC GI	**6939020**		0.50
						3.18	2.97	501 1PCO PC GI	**6939040**		1.00
									6939060		1.50
									6939080		2.00
BUDA											
4B153		4		4 Ring Piston	87.31	2.38	3.61	032 BF PC GI	**4288**	4 Cyl.	STD
						3.18	3.94	126 RVT PC GI			
						3.18	3.94	126 RVT PC GI			
						4.75	1.27	860 FV CR			
						4.75	4.14	732 FV CR			
								501 1PCO PC GI			
								362 BF 3CR GI	**2C4288**		STD
								126 RVT PC GI			
								126 RVT PC GI			
								860 FV CR			
								732 FV CR			
								501 1PCO PC GI			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
BUDA											
4B153		4		4 Ring Piston	87.31	3.18	4.11	032 BF PC GI	**5063**	4 Cyl.	STD
						3.18	3.94	126 RVT PC GI	**5063060**		1.50
						3.18	3.94	126 RVT PC GI			
						4.75	4.50	860 FV CR			
								732 FV CR			
								362 BF 3CR GI	**2C5063**		STD
								126 RVT PC GI			
								126 RVT PC GI			
								860 FV CR			
								732 FV CR			
6BD230		6		Diesel Engine	87.31	3.18	4.11	362 BF 3CR GI	**2C5102**	6 Cyl.	STD
						3.18	3.94	126 RVT PC GI			
						3.18	3.94	126 RVT PC GI			
						4.75	2.54	501 1PCO PC GI			
						4.75	4.14	825 2PCO			
								501 1PCO PC GI			
6B230		6		5 Ring Piston	87.31	2.38	3.61	032 BF PC GI	**5106**	6 Cyl.	STD
						3.18	3.94	126 RVT PC GI	**5106060**		1.50
						3.18	3.94	126 RVT PC GI			
						4.75	1.27	860 FV CR			
						4.75	4.14	732 FV CR			
								501 1PCO PC GI			
								362 BF 3CR GI	**2C5106**		STD
								126 RVT PC GI			
								126 RVT PC GI			
								860 FV CR			
								732 FV CR			
								501 1PCO PC GI			
H260, HM260, HM260R, HMP260, J260		6			88.90	3.18	3.96	362 BF 3CR GI	**2D7670**	6 Cyl.	STD
HMP260R, HP260, HP260R, HPM260,		6				3.18	3.66	126 RVT PC GI			
HPM260R		6				3.18	3.66	126 RVT PC GI			
						4.75	4.24	553 CF CR GI			
								881 2PCO			
4B153		4		4 Ring Piston	88.90	3.18	3.96	362 BF 3CR GI	**2C7726**	4 Cyl.	STD
				M & W Sleeve Kit; Superior Piston #A1987		3.18	3.66	126 RVT PC GI			
				FOR INCREASED BORE SLEEVE ASSEMBLIES		3.18	3.66	126 RVT PC GI			
						6.00	4.62	860 FV CR			
								732 FV CR			
6B230		6		4 Ring Piston	88.90	3.18	3.96	362 BF 3CR GI	**2C7779**	6 Cyl.	STD
				Genuine Sleeve Assembly #GE161		3.18	3.66	126 RVT PC GI			
				FOR INCREASED BORE SLEEVE ASSEMBLIES		3.18	3.66	126 RVT PC GI			
						6.00	4.62	860 FV CR			
								732 FV CR			
G262		6			90.49	3.18	4.01	362 BF 3CR GI	**2C468**	6 Cyl.	STD
						3.18	4.04	126 RVT PC GI			
						3.18	4.04	126 RVT PC GI			
						4.75	4.62	860 FV CR			
								732 FV CR			
DA262		6			90.49	3.18	4.01	362 BF 3CR GI	**2C7513**	6 Cyl.	STD
						3.18	4.04	126 RVT PC GI			
						3.18	4.04	126 RVT PC GI			
						4.75	2.49	501 1PCO PC GI			
						4.75	4.04	825 2PCO			
								501 1PCO PC GI			
4B153		4		4 Ring Piston	90.49	3.18	4.01	032 BF PC GI	**7562**	4 Cyl.	STD
				* M & W Sleeve Kit SP25S		3.18	4.04	126 RVT PC GI			
				INCREASED BORE SLEEVE ASSEMBLIES		3.18	4.04	126 RVT PC GI			
						6.00	4.62	860 FV CR			
								732 FV CR			
								362 BF 3CR GI	**2C7562**		STD
								126 RVT PC GI			
								126 RVT PC GI			
								860 FV CR			
								732 FV CR			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
BUDA											
6B230		6		6B230 4 Ring Piston * Allied Sleeve Kit #WSA230, Thompson Sleeve Kit M & W Sleeve Kit FOR INCREASED BORE SLEEVE ASSEMBLIES	90.49	3.18	4.01	032 BF PC GI	**7563**	6 Cyl.	STD
						3.18 3.18 6.00	4.04 4.04 4.62	126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR			
								362 BF 3CR GI	**2C7563**		STD
								126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR			
4B153		4		4B153 4 Ring Piston * Genuine Sleeve Assembly #GE161 FOR INCREASED BORE SLEEVE ASSEMBLIES	90.49	2.25	4.27	362 BF 3CR GI	**2C7586**	4 Cyl.	STD
						2.25 2.25 6.00	4.29 4.29 4.62	126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR			
6B230		6		6B230 4 Ring Piston * McQuay Kit SA195 FOR INCREASED BORE SLEEVE ASSEMBLIES	90.49	2.25	4.27	362 BF 3CR GI	**2D7587**	6 Cyl.	STD
						2.25 2.25 6.35	4.29 4.29 4.75	126 RVT PC GI 126 RVT PC GI 553 CF CR GI 881 2PCO			
H298, HM298, HM298R, HP298, HPM298, HPM298R, K315, 6B273		6		H298, HM298, HM298R, HP298, HPM298, HPM298R, K315, 6B273 Engs. 4 Ring Piston	95.25	3.18	3.91	362 BF 3CR GI	**2D5028**	6 Cyl.	STD
						3.18 3.18 4.75	3.94 3.94 4.45	126 RVT PC GI 126 RVT PC GI 553 CF CR GI 881 2PCO			
H199, HM199, 4B182		4		H199, HM199	95.25	3.18	4.17	362 BF 3CR GI	**2C7669**	4 Cyl.	STD
				4B182 Engs. 4 Ring Piston		3.18 3.18 4.75	3.94 3.94 1.27	126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR			
H326, HM326, HP326, HP351		6		H326, HM326, HP326, HP351 5 Ring Piston	96.84	3.18	4.22	032 BF PC GI	**4239**	6 Cyl.	STD
						3.18 3.18 4.75 4.75	4.24 4.24 4.62 4.24	126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR 501 1PCO PC GI			
								362 BF 3CR GI	**2C4239**		STD
								126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR 501 1PCO PC GI			
H326, HM326, HP326, HP351, K325		6		H326, HM326, HP326, HP351, K325	96.84	3.18	4.22	032 BF PC GI	**5064**	6 Cyl.	STD
						3.18 3.18 4.75	4.24 4.24 4.62	126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR			
								362 BF 3CR GI	**2C5064**		STD
								126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
BUDA											
6DT389		6		6DT389	98.43	3.18	4.29	032 BF PC GI	**4064**	6 Cyl.	STD
						3.18	4.32	126 RVT PC GI			
						3.18	4.32	126 RVT PC GI			
						4.75	4.88	860 FV CR			
						4.75	4.32	732 FV CR			
								501 1PCO PC GI			
								362 BF 3CR GI	**2C4064**		STD
								126 RVT PC GI			
								126 RVT PC GI			
								860 FV CR			
								732 FV CR			
								501 1PCO PC GI			
HD344, DA516				HD344 L4 5 ring piston	112.71	2.25	5.28	363 BF CR GI	**2C7143**	1 Cyl.	STD
				DA516 L6 5 ring piston		3.18	4.24	126 RVT PC GI			
						3.18	4.24	126 RVT PC GI			
						4.75	4.24	501 1PCO PC GI			
						4.75	5.56	565 CF CR GI			
								881 2PCO			
LO525		6		LO525 5 Ring Piston	114.30	3.18	4.11	032 BF PC GI	**4283**	6 Cyl.	STD
						3.18	4.85	126 RVT PC GI			
						3.18	4.85	126 RVT PC GI			
						6.00	5.08	860 FV CR			
						4.75	4.85	732 FV CR			
								501 1PCO PC GI			
								363 BF CR GI	**2C4283**		STD
								126 RVT PC GI			
								126 RVT PC GI			
								860 FV CR			
								732 FV CR			
								501 1PCO PC GI			
M858, 6MO893, 6MO970, 8MO1290, 8MOS1290, 4DC645, 4MO645, 6DC893, 6DC970				4MO645	142.88	3.18	5.51	363 BF CR GI	**2C5343**	1 Cyl.	STD
				M858, 6MO893, 6MO970		3.18	5.54	102 T PC GI			
				8MO1290, 8MOS1290		3.18	5.54	102 T PC GI			
				4DC645, 4MO645		6.35	3.23	501 1PCO PC GI			
				6DC893, 6DC970		6.35	5.54	825 2PCO			
								501 1PCO PC GI			
CASE											
M2, V, VC, VI, VO		4		M2	76.20	3.18	3.45	032 BF PC GI	**727**	4 Cyl.	STD
				Case V, VC, VI, VO		3.18	3.48	126 RVT PC GI			
						3.18	3.48	126 RVT PC GI			
						6.00	4.39	860 FV CR			
								732 FV CR			
								362 BF 3CR GI	**2C727**		STD
								126 RVT PC GI			
								126 RVT PC GI			
								860 FV CR			
								732 FV CR			
		4		Case SO	82.55	3.18	3.89	362 BF 3CR GI	**2C7789**	4 Cyl.	STD
						3.18	3.78	126 RVT PC GI			
						3.18	3.78	126 RVT PC GI			
						4.75	4.39	860 FV CR			
								732 FV CR			
G148, G148B, GD157, 300, 300B, 301, 301B, 302B, 320, 320DB, 400B, DT34		4		GD157 Continental; G148, G148B	85.73	3.18	4.04	362 BF 3CR GI	**2D7536**	4 Cyl.	STD
				GD157 Diesel Cont. 300, 300B, 301, 301B, * 302B, 320, 320DB, 400B, DT34 Series		3.18	3.89	126 RVT PC GI			
				VA Engine Allied Sleeve Kit #WSA309 M & W Gear #SP201 Sealed Power #SL1776 Thompson #SA166 White Machine #G223HCH Genuine Parts Sleeve Kit #S149		3.18	3.89	126 RVT PC GI			
						6.35	4.32	553 CF CR GI			
								881 2PCO			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
CASE											
G148B, VA148B, DT34, 300, 300B, 310, 310C, 310D, 310E, 310F, 310G, 320, 320B, 500D, 556D, CASE VA148, LCK, G148B		4		G148B, VA148B	85.73	2.25	4.04	362 BF 3CR GI	**2C7558**	4 Cyl.	STD
				G148, VA148 Gas or LPG Engs. DT34 Series, 1737 * Loader		2.25	4.06	126 RVT PC GI			
				G148, VA148 Gas or LPG Engs. 300, 300B, 310, * 310C, 310D, 310E, 310F, 310G, 320, 320B, 500D, 556D		2.25	4.06	126 RVT PC GI			
				VA148, LCK, G148B Gas or LPG Engs. 400B, * 400D, 420, 420B, 420BD, 420C, 430, 440, 441, 456D, 470, 480, 480B, 480CK		6.00	4.39	860 FV CR			
								732 FV CR			
H225 , HB225		6		H225 Gas Chry. 700, 900, 960	86.36	2.00	4.09	032 BF PC GI	**687**	6 Cyl.	STD
				HB225 Chry. 1275		2.00	4.11	126 RVT PC GI	**687020**		0.50
						4.75	4.75	860 FV CR	**687030**		0.75
								732 FV CR	**687040**		1.00
									687060		1.50
								362 BF 3CR GI	**2C687**		STD
								126 RVT PC GI	**2C687020**		0.50
								860 FV CR	**2C687030**		0.75
								732 FV CR	**2C687040**		1.00
									2C687060		1.50
								327 BF PM GI	**2M687**		STD
								126 RVT PC GI	**2M687030**		0.75
								860 FV CR	**2M687040**		1.00
								732 FV CR	**2M687060**		1.50
VA		4		Allied Sleeve Kit #WSA309	87.31	2.25	3.61	032 BF PC GI	**7705**	4 Cyl.	STD
				M & W Gear #SP201		2.25	4.14	126 RVT PC GI			
				Sealed Power #SL1776		2.25	4.14	126 RVT PC GI			
				Thompson #SA166		4.75	1.27	860 FV CR			
				White Machine #G223HCH				732 FV CR			
				Genuine Parts Sleeve Kit #S149				362 BF 3CR GI	**2C7705**		STD
								126 RVT PC GI			
								126 RVT PC GI			
								860 FV CR			
								732 FV CR			
SP9, G153.9, 153.9		4		S, SC, SE, SI, SO To S/N 8027115	88.90	3.18	3.96	362 BF 3CR GI	**2C5117**	4 Cyl.	STD
				SLEEVED ENGINE		3.18	3.66	126 RVT PC GI			
						3.18	3.66	126 RVT PC GI			
						4.75	1.27	860 FV CR			
								732 FV CR			
		4		156G 955, 1140, 1150, 1155	88.90	2.25	4.19	032 BF PC GI	**7123**	4 Cyl.	STD
				G159B		2.25	4.22	126 RVT PC GI			
				G159 Gas or LPG 530, 530C, 540, 541, 580, 580B, 580CK Series, W3 Loader		2.25	4.22	126 RVT PC GI			
						6.00	4.62	860 FV CR			
								732 FV CR			
								362 BF 3CR GI	**2C7123**		STD
								126 RVT PC GI			
								126 RVT PC GI			
								860 FV CR			
								732 FV CR			
500B, 510B, 511B, 600B, 610B, 611B		4		G164	90.49	2.25	4.27	362 BF 3CR GI	**2C7586**	4 Cyl.	STD
				G164 Gas or LPG 350, 351 Series, 500B, * 510B, 511B, 600B, 610B, 611B Series & W5		2.25	4.29	126 RVT PC GI			
						2.25	4.29	126 RVT PC GI			
						6.00	4.62	860 FV CR			
								732 FV CR			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
CASE											
		4		G165 Engine M & W Piston M & W Add Power Piston Super Piston Allied Sleeve Kit #WSC310 Basic #BA252 Ertel Sleeve Kit #SA205 Genuine Sleeve Kit #S143 McQuay Norris #SA188 Sealed Power #SL1982 Thompson #SA167 White Machine #G217HCH	92.08	2.25	4.06	032 BF PC GI	**7581**	4 Cyl.	STD
						2.25 2.25 4.75	4.09 4.09 4.62	126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR			
								362 BF 3CR GI	**2D7581**	4 Cyl.	STD
								126 RVT PC GI 126 RVT PC GI 553 CF CR GI 881 2PCO			
G160		4		S, SC, SE, SI, SL, SO S/N 8027115-on, Al. Piston	92.08	2.25	4.06	032 BF PC GI	**7593**	4 Cyl.	STD
						2.25 2.25 4.75	4.09 4.09 1.27	126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR			
								362 BF 3CR GI	**2C7593**		STD
								126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR			
		4		Case S, SC, SE, SI, SO S/N 8027115-on, CI * Piston	92.08	3.18	3.84	032 BF PC GI	**7659**	4 Cyl.	STD
						3.18 3.18 4.75	3.86 3.86 1.27	126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR			
								362 BF 3CR GI	**2C7659**		STD
								126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR			
		4		G165 Engine M & W Piston M & W Add Power Piston Super Piston Allied Sleeve Kit #WSC310 Basic #BA252 Ertel Sleeve Kit #SA205 Genuine Sleeve Kit #S143 McQuay Norris #SA188 Sealed Power #SL1982 Thompson #SA167 White Machine #G217HCH	92.08	2.25	4.06	032 BF PC GI	**7663**	4 Cyl.	STD
						2.25 2.25 4.75	4.09 4.09 1.27	126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR			
		4		G165 Engine M & W Piston M & W Add Power Piston Super Piston Allied Sleeve Kit #WSC310 Basic #BA252 Ertel Sleeve Kit #SA205 Genuine Sleeve Kit #S143 McQuay Norris #SA188 Sealed Power #SL1982 Thompson #SA167 White Machine #G217HCH	93.66	2.25	4.42	363 BF CR GI	**2C7941**	4 Cyl.	STD
						2.25 2.25 4.75	4.50 4.45 4.62	102 T PC GI 126 RVT PC GI 860 FV CR 732 FV CR			
				GO298 Hercules 1000, 1010	95.25	2.25	4.47	363 BF CR GI	**2C6581**	1 Cyl.	STD
						3.18 4.75 4.75	3.94 1.27 4.19	126 RVT PC GI 860 FV CR 732 FV CR 501 1PCO PC GI			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
CASE											
		4		188D 600, 660, 1150, 1155, 1255	96.84	3.00	4.55	372 FKST CR DI	**2D7134**	4 Cyl.	STD
				G188D		2.25	4.57	126 RVT PC GI			
				G188D After May 1, 1961 310E, 310F, 3.1 Litre* 310G, 350, 420C, 430, 470, 480B, 480CK, 500LK, 530, 530C, 531, 570, 580, 580B, 580CK, LCK, W3, P50		4.75	4.45	553 CF CR GI			
				G188D 310F, 310G, 350, 430, 431				881 2PCO			
				G188D Diesel After May 1, 1961 420C, 430, 450 Crawler, 630, 630C, 631, 632, 634, W5A Series							
A6.354				Perkins 1660, 1665	98.43	2.25	3.96	362 BF 3CR GI	**2C7137**	6 Cyl.	STD
				For Chrome sleeves use set 7137 only		2.25	3.99	126 RVT PC GI			
						2.25	3.99	126 RVT PC GI			
						6.35	2.21	501 1PCO PC GI			
						6.35	3.48	825 2PCO			
								501 1PCO PC GI			
		8		HB318 Chry. Gas 1010, 1060, 1160, 1660, 1665	99.31	2.00	4.67	032 BF PC GI	**148**	8 Cyl.	STD
						2.00	4.70	126 RVT PC GI	**148020**		0.50
						4.75	4.75	860 FV CR	**148030**		0.75
								732 FV CR	**148040**		1.00
									148060		1.50
								362 BF 3CR GI	**2C148**		STD
								126 RVT PC GI	**2C148010**		0.25
								860 FV CR	**2C148020**		0.50
								732 FV CR	**2C148030**		0.75
									2C148040		1.00
									2C148060		1.50
									2C148070		1.75
								327 BF PM GI	**2M148**		STD
								126 RVT PC GI	**2M148020**		0.50
								860 FV CR	**2M148030**		0.75
								732 FV CR	**2M148040**		1.00
									2M148060		1.50
		4		1404	101.60	2.00	4.78	032 BF PC GI	**5570**	4 Cyl.	STD
						2.00	4.80	126 RVT PC GI	**5570020**		0.50
						4.75	4.88	860 FV CR	**5570030**		0.75
								732 FV CR	**5570040**		1.00
									5570060		1.50
								362 BF 3CR GI	**2C5570**		STD
								126 RVT PC GI	**2C5570020**		0.50
								860 FV CR	**2C5570030**		0.75
								732 FV CR	**2C5570040**		1.00
									2C5570060		1.50
								397 BF PM S	**2M5570**		STD
								126 RVT PC GI	**2M5570020**		0.50
								860 FV CR	**2M5570030**		0.75
								732 FV CR	**2M5570040**		1.00
									2M5570060		1.50
									2M5570065		1.63
								397 BF PM S	**SM5570**		STD
								126 RVT PC GI	**SM5570020**		0.50
								860 FV CR	**SM5570030**		0.75
								732 FV CR	**SM5570040**		1.00
									SM5570060		1.50
									SM5570065		1.63
A377, A377D, A377S, A377D		6		A377, A377D, A377S	101.60	2.25	4.78	362 BF 3CR GI	**2C7656**	6 Cyl.	STD
				A377D Diesel LAD, 500, 520, 600, 620, 920		2.25	4.42	126 RVT PC GI			
				A377G W8B, W8C, W8E, W9B, W9C, W9E, * W10B, W10C, W10E Loaders		2.25	4.42	126 RVT PC GI			
				A377S LPG 500, 610, 900, 910, 930CK, 930GP, 930WS, 940, 970		6.00	4.88	860 FV CR			
								732 FV CR			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
CASE											
		4		Case CC, DC - V & F Power Piston	101.60	2.25	4.78	362 BF 3CR GI	**2C7666**	4 Cyl.	STD
						3.18	4.11	126 RVT PC GI			
						3.18	4.11	126 RVT PC GI			
						6.00	4.88	860 FV CR			
								732 FV CR			
		4		A251S Gas or LPG 150, 800, 1000	101.60	2.50	4.78	363 BF CR GI	**2C7795**	4 Cyl.	STD
				A251S		2.25	4.42	126 RVT PC GI			
				Case Gas, LPG or Diesel C, D400 Series *		2.25	4.42	126 RVT PC GI			
				251 Diesel 400 1956 Only		6.00	4.88	860 FV CR			
				A251S Gas, LPG or Diesel W9 , A251S Gas or LPG 400, 420, 425, 680, 680CK, 700, 710, 725, 730, 730C, 740, 770, 810				732 FV CR			
		4		SP9, SP12, 120	101.60	2.50	4.78	363 BF CR GI	**2C7997**	4 Cyl.	STD
				D Engine M & W Gear #SP8 304 Series McQuay Norris #SA176 M & W Sleeve Kit #SP8S C.D.		2.25	4.80	126 RVT PC GI			
						3.18	4.11	126 RVT PC GI			
						6.00	4.88	860 FV CR			
								732 FV CR			
		6		A401, A401D	104.78	2.25	4.93	362 BF 3CR GI	**2C7124**	6 Cyl.	STD
				A401D Diesel 930, 930CK, 930GP, 930WS, * 1150 Series, W8B, W8C, W9B, W9C, W10, W10B, W10C Loaders		2.25	4.52	126 RVT PC GI			
						2.25	4.52	126 RVT PC GI			
						6.00	5.00	860 FV CR			
								732 FV CR			
A267D		4		Diesel Combines, Threshers 800, 1000	104.78	2.25	4.93	363 BF CR GI	**2C7580**	4 Cyl.	STD
A267D		4		Diesel Tractor 680, 680B, 680CK, 700, 720		2.25	4.52	126 RVT PC GI			
				* 730, 730C, 750, 770, 800, 1000		2.25	4.52	126 RVT PC GI			
4-267				Diesel 400 Super, 750, W9		6.00	5.00	860 FV CR			
								732 FV CR			
		4		A284GF 1000, 1010, 1060, 1160	107.95	2.25	5.05	363 BF CR GI	**2C7122**	4 Cyl.	STD
				A267D, A284, A284GF		2.25	4.37	126 RVT PC GI			
				A284GF Gas or LPG 830, 830C, 840, W7, * W7C, W7E, W9A		2.25	4.37	126 RVT PC GI			
						6.00	4.88	860 FV CR			
								732 FV CR			
		4		JD382 Cont. 1000BR, 1000C, 1000D, 1010 *	114.30	3.18	5.36	362 BF 3CR GI	**2C7778**	4 Cyl.	STD
						3.18	4.85	126 RVT PC GI			
						3.18	4.85	126 RVT PC GI			
						6.35	2.90	501 1PCO PC GI			
						4.75	4.85	825 2PCO			
								501 1PCO PC GI			
CATERPILLAR											
E43, E44, E50, E51				E43, E44, E50, E51, T69 Late Piston	92.08	2.25	4.06	032 BF PC GI	**6215**	2 Cyl.	STD
						2.25	4.09	126 RVT PC GI			
						4.75	2.39	501 1PCO PC GI			
								825 2PCO			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
CATERPILLAR											
1404		4		1404 Lift Truck	101.60	2.00	4.78	032 BF PC GI	**5570**	4 Cyl.	STD
						2.00	4.80	126 RVT PC GI	**5570020**		0.50
						4.75	4.88	860 FV CR	**5570030**		0.75
								732 FV CR	**5570040**		1.00
									5570060		1.50
								362 BF 3CR GI	**2C5570**		STD
								126 RVT PC GI	**2C5570020**		0.50
								860 FV CR	**2C5570030**		0.75
								732 FV CR	**2C5570040**		1.00
									2C5570060		1.50
								397 BF PM S	**2M5570**		STD
								126 RVT PC GI	**2M5570020**		0.50
								860 FV CR	**2M5570030**		0.75
								732 FV CR	**2M5570040**		1.00
									2M5570060		1.50
									2M5570065		1.63
								397 BF PM S	**SM5570**		STD
								126 RVT PC GI	**SM5570020**		0.50
								860 FV CR	**SM5570030**		0.75
								732 FV CR	**SM5570040**		1.00
									SM5570060		1.50
									SM5570065		1.63
				3208 Individual OE Ref. #9L6233, Oil 2W8045 Two Ring Piston OE Set Ref. #2S8265	114.30	3.17	5.10	220 TBF PM DI	**2D7473**	1 Cyl.	STD
						2.79	4.95	553 CF CR GI	**2D7473020**		0.50
								881 2PCO	**2D7473030**		0.75
									2D7473040		1.00
				3208 OE Set Ref. #199-9872 Three Ring Piston, Keystone Comp Ring	114.30	3.17	4.58	224 FKST PM DI	**2D7493**	1 Cyl.	STD
						3.17	4.90	170 FKST PC GI	**2D7493020**		0.50
						2.79	4.43	553 CF CR GI	**2D7493040**		1.00
								881 2PCO			
				3208 Three Ring Piston (Rectangular rings) OE Set Ref. #2W8265-3R	114.30	2.38	5.30	215 TBF CR DI	**2D7524**	1 Cyl.	STD
						2.38	5.30	135 T PC GI	**2D7524020**		0.50
						4.76	5.00	553 CF CR GI			
								881 2PCO			
CHECKER											
		6	1959-63	All w/Cont. FO6226	84.14	2.38	3.99	032 BF PC GI	**4233**	6 Cyl.	STD
						2.38	4.01	126 RVT PC GI	**4233040**		1.00
						4.00	4.39	860 FV CR			
						4.00	4.01	732 FV CR			
								501 1PCO PC GI			
								901 GL			
267 C.I.D.		8	1980-82	4.4Litre	88.90	2.00	4.19	032 BF PC GI	**652**	8 Cyl.	STD
						2.00	4.22	126 RVT PC GI	**652030**		0.75
						4.75	1.27	860 FV CR	**652040**		1.00
								732 FV CR	**652060**		1.50
								363 BF CR GI	**2C652**		STD
								126 RVT PC GI	**2C652010**		0.25
								860 FV CR	**2C652020**		0.50
								732 FV CR	**2C652030**		0.75
									2C652040		1.00
								327 BF PM GI	**2M652**		STD
								126 RVT PC GI	**2M652030**		0.75
								860 FV CR	**2M652040**		1.00
								732 FV CR			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
CHECKER											
305cu. in.		8	1977-81		94.89	2.00	4.17	032 BF PC GI	**5499**	8 Cyl.	STD
						2.00	4.19	126 RVT PC GI	**5499010**		0.25
						4.75	5.21	860 FV CR	**5499020**		0.50
								732 FV CR	**5499030**		0.75
									5499040		1.00
									5499060		1.50
								362 BF 3CR GI	**2C5499**		STD
								126 RVT PC GI	**2C5499010**		0.25
								860 FV CR	**2C5499020**		0.50
								732 FV CR	**2C5499030**		0.75
									2C5499040		1.00
									2C5499060		1.50
								327 BF PM GI	**2M5499**		STD
								126 RVT PC GI	**2M5499010**		0.25
								860 FV CR	**2M5499020**		0.50
								732 FV CR	**2M5499030**		0.75
									2M5499040		1.00
									2M5499060		1.50
229cu. in.		6	1980-82		94.89	2.00	4.17	032 BF PC GI	**5617**	6 Cyl.	STD
						2.00	4.19	126 RVT PC GI	**5617010**		0.25
						4.75	5.21	860 FV CR	**5617020**		0.50
								732 FV CR	**5617030**		0.75
									5617040		1.00
									5617060		1.50
								362 BF 3CR GI	**2C5617**		STD
								126 RVT PC GI	**2C5617010**		0.25
								860 FV CR	**2C5617020**		0.50
								732 FV CR	**2C5617030**		0.75
									2C5617040		1.00
									2C5617060		1.50
								327 BF PM GI	**2M5617**		STD
								126 RVT PC GI	**2M5617010**		0.25
								860 FV CR	**2M5617020**		0.50
								732 FV CR	**2M5617030**		0.75
									2M5617040		1.00
									2M5617060		1.50
283cu. in.		8	1964-67	Chev.	98.43	2.00	4.62	032 BF PC GI	**660**	8 Cyl.	STD
307cu. in.			1968-73			2.00	4.65	126 RVT PC GI	**660010**		0.25
						4.75	4.88	860 FV CR	**660020**		0.50
								732 FV CR	**660030**		0.75
									660040		1.00
									660060		1.50
									660080		2.00
								363 BF CR GI	**2C660**		STD
								126 RVT PC GI	**2C660010**		0.25
								860 FV CR	**2C660020**		0.50
								732 FV CR	**2C660030**		0.75
									2C660040		1.00
									2C660060		1.50
									2C660080		2.00
								327 BF PM GI	**2M660**		STD
								126 RVT PC GI	**2M660010**		0.25
								860 FV CR	**2M660020**		0.50
								732 FV CR	**2M660030**		0.75
									2M660040		1.00
									2M660060		1.50
									2M660080		2.00

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
CHECKER											
230 C.I.D.		6	1964-68		98.43	2.00	4.62	032 BF PC GI	**667**	6 Cyl.	STD
250 C.I.D.		6	1969-79	4.4Litre		2.00	4.65	126 RVT PC GI	**667010**		0.25
						4.75	4.88	860 FV CR	**667020**		0.50
								732 FV CR	**667030**		0.75
									667040		1.00
									667060		1.50
									667080		2.00
								362 BF 3CR GI	**2C667**		STD
								126 RVT PC GI	**2C667010**		0.25
								860 FV CR	**2C667020**		0.50
								732 FV CR	**2C667030**		0.75
									2C667040		1.00
									2C667060		1.50
									2C667080		2.00
								327 BF PM GI	**2M667**		STD
								126 RVT PC GI	**2M667010**		0.25
								860 FV CR	**2M667020**		0.50
								732 FV CR	**2M667030**		0.75
									2M667040		1.00
									2M667060		1.50
									2M667080		2.00
327cu. in.		8	1966-68		101.60	2.00	4.78	032 BF PC GI	**139**	8 Cyl.	STD
350cu. in.			1969-79			2.00	4.80	126 RVT PC GI	**139010**		0.25
						4.75	4.88	860 FV CR	**139020**		0.50
								732 FV CR	**139030**		0.75
									139040		1.00
									139060		1.50
									139070		1.75
									139080		2.00
									139100		2.50
								362 BF 3CR GI	**2C139**		STD
								126 RVT PC GI	**2C139010**		0.25
								860 FV CR	**2C139020**		0.50
								732 FV CR	**2C139030**		0.75
									2C139040		1.00
									2C139060		1.50
									2C139070		1.75
									2C139080		2.00
								397 BF PM S	**2M139**		STD
								126 RVT PC GI	**2M139005**		0.13
								860 FV CR	**2M139010**		0.25
								732 FV CR	**2M139020**		0.50
									2M139030		0.75
									2M139040		1.00
									2M139060		1.50
									2M139070		1.75
									2M139080		2.00
									2M139100		2.50
350cu. in.		8	1980-82	Diesel	103.06	2.00	4.80	363 BF CR GI	**2D5610**	8 Cyl.	STD
						2.00	4.88	126 RVT PC GI	**2D561025**		0.25
						4.75	4.60	553 CF CR GI	**2D561050**		0.50
								881 2PCO	**2D561075**		0.75
									2D5610100		1.00
CHRIS-CRAFT											
A, B, BR, IXB		4		Hercules Engine	82.55	3.18	3.89	032 BF PC GI	**5060**	4 Cyl.	STD
						3.18	3.78	126 RVT PC GI	**5060020**		0.50
						4.75	1.27	860 FV CR	**5060060**		1.50
								732 FV CR			
								362 BF 3CR GI	**2C5060**		STD
								126 RVT PC GI			
								860 FV CR			
								732 FV CR			
		6		K To S/N 21142, Part. 21142-21299, QXC	85.73	3.18	4.04	362 BF 3CR GI	**2C4070**	6 Cyl.	STD
						3.18	3.89	126 RVT PC GI			
						3.18	3.89	126 RVT PC GI			
						4.75	1.27	860 FV CR			
								732 FV CR			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
CHRIS-CRAFT											
KBL, KFL, KL, KLC		6		KBL, KFL, KL, KLC	87.31	2.25	4.11	362 BF 3CR GI	**2C4878**	6 Cyl.	STD
						3.18	3.94	126 RVT PC GI			
						4.75	1.27	860 FV CR			
								732 FV CR			
		6		K S/N 731166-on, QXD	87.31	2.25	4.11	362 BF 3CR GI	**2C5127**	6 Cyl.	STD
						2.25	4.14	126 RVT PC GI			
						4.75	1.27	860 FV CR			
								732 FV CR			
		6		M To S/N 11462 Hercules JXD	101.60	3.18	4.39	363 BF CR GI	**2C4007**	6 Cyl.	STD
						3.18	4.11	126 RVT PC GI			
						3.18	4.11	126 RVT PC GI			
						4.75	4.88	860 FV CR			
								732 FV CR			
		6		MBL To S/N 13567 MCI, JXD	101.60	2.50	4.78	363 BF CR GI	**2C4231**	6 Cyl.	STD
						3.18	4.11	126 RVT PC GI			
						4.75	4.88	860 FV CR			
						4.75	4.37	732 FV CR			
								501 1PCO PC GI			
		6		M S/N 11461-on Hercules JXD; MBL, ML S/N 13566-on	101.60	2.25	4.78	362 BF 3CR GI	**2C5213**	6 Cyl.	STD
						3.18	4.11	126 RVT PC GI	**2C5213040**		1.00
						4.75	4.88	860 FV CR			
								732 FV CR			
CHRYSLER											
		6		PE S/N PE104074-on, PF, PG S/N PF2987-on, Late, PJ, P1, P2, P3, P4, P5, P6, P7, P8, P9, P10 & TruckModels AL U-Slot PistonPlymouth	79.38	3.18	3.76	032 BF PC GI	**142**	6 Cyl.	STD
			1934-40	T25, T50, T57, T81, T105		3.18	3.78	126 RVT PC GI			
						4.00	4.39	860 FV CR			
						4.00	3.78	732 FV CR			
								501 1PCO PC GI			
		6		P11, P12; P1125 Truck Models Plymouth	79.38	2.38	3.76	032 BF PC GI	**143**	6 Cyl.	STD
			1941	T57, T105, T112, T125		3.18	3.78	126 RVT PC GI			
						4.00	4.39	860 FV CR			
						4.00	3.78	732 FV CR			
								501 1PCO PC GI			
218cu. in.		6			82.55	2.25	3.89	032 BF PC GI	**144**	6 Cyl.	STD
230cu. in.			1942-59	Dodge, Plymouth		2.25	3.91	126 RVT PC GI	**144040**		1.00
			1942-59	T112, T116, T124, T125, T128, T215, IND5, IND5A, IND6, IND6A, 30, 31, 931 Repl. 218, 230		4.00	4.39	860 FV CR	**144060**		1.50
				Ace, M46, M46S		4.00	3.91	732 FV CR			
230 cu. in.				218, Engs.				501 1PCO PC GI			
								362 BF 3CR GI	**2C144**		STD
								126 RVT PC GI			
								860 FV CR			
								732 FV CR			
								501 1PCO PC GI			
DU, D2, D5, D8, D11, D14, D17		6		DU, D2, D5, D8, D11, D14, D17 Dodge	82.55	3.18	3.89	032 BF PC GI	**441**	6 Cyl.	STD
			1935-40	T26, T72, T96		3.18	3.78	126 RVT PC GI			
						4.00	4.39	860 FV CR			
						4.00	3.91	732 FV CR			
								501 1PCO PC GI			
T116, T207, T211, T215		6		Deluxe, Custom D19 Dodge	82.55	2.25	3.89	032 BF PC GI	**443**	6 Cyl.	STD
			1941	T116, T207, T211, T215		3.18	3.78	126 RVT PC GI			
						4.00	4.39	860 FV CR			
						4.00	3.91	732 FV CR			
								501 1PCO PC GI			
C30, C36, IND9, IND12		8		8 Cyl. Models Chry.	82.55	2.25	3.89	032 BF PC GI	**446**	8 Cyl.	STD
			1942-50	C30, C36, IND9, IND12		2.25	3.91	126 RVT PC GI	**446040**		1.00
						4.00	4.39	860 FV CR			
						4.00	3.91	732 FV CR			
								501 1PCO PC GI			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
CHRYSLER											
H170, H225, HB170, HB225, HC170, HC225		6		170cu. in. Slant 6 Plymouth	86.36	2.00	4.09	032 BF PC GI	**687**	6 Cyl.	STD
198cu. in.			1960-69	Plymouth		2.00	4.11	126 RVT PC GI	**687020**		0.50
225cu. in.			1970-73	Chry.		4.75	4.75	860 FV CR	**687030**		0.75
			1960-83	H170, H225, HB170, HB225, HC170, HC225				732 FV CR	**687040**		1.00
				M170, A; M225A, D; A, A-J Jet,103 series					**687060**		1.50
225 cu. in.				170, 198, Engs.				362 BF 3CR GI	**2C687**		STD
								126 RVT PC GI	**2C687020**		0.50
								860 FV CR	**2C687030**		0.75
								732 FV CR	**2C687040**		1.00
									2C687060		1.50
								327 BF PM GI	**2M687**		STD
								126 RVT PC GI	**2M687030**		0.75
								860 FV CR	**2M687040**		1.00
								732 FV CR	**2M687060**		1.50
42, T118, T120, T130, IND7, IND8, IND8A, 32, 33, 90BA, IND236, 251, 265		6		236cu. in.	87.31	2.38	3.61	032 BF PC GI	**445**	6 Cyl.	STD
265cu. in.			1942-51	Exc. Canada		2.38	4.14	126 RVT PC GI			
			1951-54	T42, T118, T120, T130, IND7, IND8, IND8A, 32, 33, 90BA, IND236, 251, 265 Repl. 237, 251		4.00	4.50	860 FV CR			
				Crown, M47, M47S		4.00	4.14	732 FV CR			
265 cu. in.				251, Engs.				501 1PCO PC GI			
								362 BF 3CR GI	**2C445**		STD
								126 RVT PC GI			
								860 FV CR			
								732 FV CR			
								501 1PCO PC GI			
241cu. in.		8		D44, D48, D50, D53, All V8 Models Dodge	87.31	2.00	4.11	032 BF PC GI	**627**	8 Cyl.	STD
			1953-54	Models P27 First 50,000 Engs. 241cu. in Plymouth		2.00	4.14	126 RVT PC GI			
			1955	IND18, IND18A, VT344, VT346		4.75	1.27	860 FV CR			
								732 FV CR			
265cu. in.		6		Canada	87.31	2.00	4.11	032 BF PC GI	**663**	6 Cyl.	STD
251 cu. in.			1954-59	3 Ring Piston		2.00	4.14	126 RVT PC GI	**663030**		0.75
			1954-59	T42, IND8A, MA7-3, M47-4		4.75	1.27	860 FV CR			
								732 FV CR			
								362 BF 3CR GI	**2C663**		STD
								126 RVT PC GI	**2C663030**		0.75
								860 FV CR			
								732 FV CR			
260cu. in.		8		Models P27 After First 50,000 Engs. 2 Plymouth	90.49	2.00	4.01	032 BF PC GI	**630**	8 Cyl.	STD
			1955	52, M44S		2.00	4.29	126 RVT PC GI	**630060**		1.50
						4.75	4.62	860 FV CR			
								732 FV CR			
M00(HR425CL)	2499	4	1992-95	2.5L TD Turbo Diesel Voyager	92.00	2.50	4.01	225 FKST CR DI	**2C7458**	1 Cyl.	STD
VM425HR, (M51), VM425HR(M52)	250	4		2.5L TD, 2.5L CRD Turbo Diesel Voyager		2.00	4.04	210 SCRP TF PC DI			
						4.00	4.24	204 CF CR DI			
								881 2PCO			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
CHRYSLER											
270cu. in.		8	1956	P29 S/N 40001-80000 Plymouth	92.08	2.00	4.32	032 BF PC GI	**633**	8 Cyl.	STD
273cu. in.			1964-69	Dodge, Plymouth		2.00	4.34	126 RVT PC GI	**633010**		0.25
273cu. in.			1955	Chry., Windsor C67		4.75	1.27	860 FV CR	**633020**		0.50
301cu. in.			1955					732 FV CR	**633030**		0.75
				IND19, IND53, IND54, M445-3					**633040**		1.00
									633060		1.50
								362 BF 3CR GI	**2C633**		STD
								126 RVT PC GI	**2C633020**		0.50
								860 FV CR	**2C633030**		0.75
								732 FV CR	**2C633040**		1.00
								327 BF PM GI	**2M633**		STD
								126 RVT PC GI	**2M633030**		0.75
								860 FV CR	**2M633040**		1.00
								732 FV CR	**2M633060**		1.50
S21, S22, S23, S24		8		330cu. in. S21, S22, S23, S24, All V8 Models Desoto	94.46	2.00	4.45	032 BF PC GI	**450**	8 Cyl.	STD
			1955-56	54		2.00	4.47	126 RVT PC GI	**450030**		0.75
						4.75	4.75	860 FV CR	**450040**		1.00
								732 FV CR	**450060**		1.50
								362 BF 3CR GI	**2C450**		STD
								126 RVT PC GI	**2C450030**		0.75
								860 FV CR	**2C450040**		1.00
								732 FV CR	**2C450060**		1.50
								327 BF PM GI	**2M450**		STD
								126 RVT PC GI	**2M450030**		0.75
								860 FV CR	**2M450040**		1.00
								732 FV CR	**2M450060**		1.50
H318, HB318, HC318, HT318, M80, M318A, M318B, M318C		8		301cu. in.	99.31	2.00	4.67	032 BF PC GI	**148**	8 Cyl.	STD
318cu. in.			1957			2.00	4.70	126 RVT PC GI	**148020**		0.50
			1958-89	H318, HB318, HC318, HT318, M80, M318A, M318B, M318C		4.75	4.75	860 FV CR	**148030**		0.75
								732 FV CR	**148040**		1.00
									148060		1.50
								362 BF 3CR GI	**2C148**		STD
								126 RVT PC GI	**2C148010**		0.25
								860 FV CR	**2C148020**		0.50
								732 FV CR	**2C148030**		0.75
									2C148040		1.00
									2C148060		1.50
									2C148070		1.75
								327 BF PM GI	**2M148**		STD
								126 RVT PC GI	**2M148020**		0.50
								860 FV CR	**2M148030**		0.75
								732 FV CR	**2M148040**		1.00
									2M148060		1.50
318 cu. in.		8		Shallow Oil Ring Groove	99.31	2.00	4.67	032 BF PC GI	**4735**	8 Cyl.	STD
						2.00	4.70	126 RVT PC GI	**4735020**		0.50
						4.00	3.81	872 FV CR	**4735030**		0.75
								732 FV CR	**4735040**		1.00
									4735060		1.50
								363 BF CR GI	**2C4735**		STD
								126 RVT PC GI	**2C4735020**		0.50
								872 FV CR	**2C4735030**		0.75
								732 FV CR	**2C4735040**		1.00
									2C4735060		1.50
								327 BF PM GI	**2M4735**		STD
								126 RVT PC GI	**2M4735020**		0.50
								872 FV CR	**2M4735030**		0.75
								732 FV CR	**2M4735040**		1.00
									2M4735060		1.50
IND56A, M45-3, M45SP3		8		354cu. in.	100.01	2.00	4.34	032 BF PC GI	**636**	8 Cyl.	STD
			1956-58	IND56A, M45-3, M45SP3		2.00	4.37	126 RVT PC GI	**636030**		0.75
354 cu. in.						4.75	1.27	860 FV CR			
								732 FV CR			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
CHRYSLER											
360 C.I.D.		8	1971-80	5.9L Plymouth	101.60	2.00	4.78	032 BF PC GI	**139**	8 Cyl.	STD
360 C.I.D.		8	1971-95	5.9L Dodge		2.00	4.80	126 RVT PC GI	**139010**		0.25
360 C.I.D.		8	1971-84	5.9L Chrysler		4.75	4.88	860 FV CR	**139020**		0.50
392 C.I.D.		8	1956-58	6.4L				732 FV CR	**139030**		0.75
									139040		1.00
									139060		1.50
									139070		1.75
									139080		2.00
									139100		2.50
								362 BF 3CR GI	**2C139**		STD
								126 RVT PC GI	**2C139010**		0.25
								860 FV CR	**2C139020**		0.50
								732 FV CR	**2C139030**		0.75
									2C139040		1.00
									2C139060		1.50
									2C139070		1.75
									2C139080		2.00
								397 BF PM S	**2M139**		STD
								126 RVT PC GI	**2M139010**		0.25
								860 FV CR	**2M139100**		2.50
								732 FV CR	**2M139020**		0.50
									2M139030		0.75
									2M139040		1.00
									2M139005		0.13
									2M139060		1.50
									2M139070		1.75
									2M139080		2.00
T190, T199, IND15, IND15A, 34, 35		6		T190, T199, IND15, IND15A, 34, 35	101.60	2.50	4.78	363 BF CR GI	**2C5156**	6 Cyl.	STD
						3.18	4.11	126 RVT PC GI			
						3.18	4.11	126 RVT PC GI			
						6.00	4.88	860 FV CR			
								732 FV CR			
340cu. in.		8			102.62	2.00	4.29	032 BF PC GI	**694**	8 Cyl.	STD
340 cu. in.			1968-73			2.00	4.83	126 RVT PC GI	**694020**		0.50
						4.75	5.08	860 FV CR	**694030**		0.75
								732 FV CR	**694040**		1.00
									694060		1.50
									694070		1.75
								362 BF 3CR GI	**2C694**		STD
								126 RVT PC GI	**2C694020**		0.50
								860 FV CR	**2C694030**		0.75
								732 FV CR	**2C694040**		1.00
								397 BF PM S	**2M694**		STD
								126 RVT PC GI	**2M694020**		0.50
								860 FV CR	**2M694030**		0.75
								732 FV CR	**2M694040**		1.00
									2M694060		1.50
HT361		8		HT361	104.78	2.25	4.93	363 BF CR GI	**2C6094**	8 Cyl.	STD
361 cu. in.						2.25	4.95	126 RVT PC GI	**2C6094020**		0.50
						4.75	5.00	860 FV CR	**2C6094030**		0.75
								732 FV CR	**2C6094040**		1.00
									2C6094060		1.50
								327 BF PM GI	**2M6094**		STD
								126 RVT PC GI	**2M6094030**		0.75
								860 FV CR	**2M6094040**		1.00
								732 FV CR	**2M6094060**		1.50
H361, HB361, HC361		8		361cu. in. 59-69 Canada	104.78	2.00	4.93	032 BF PC GI	**661**	8 Cyl.	STD
			1958-66	H361, HB361, HC361		2.00	4.95	126 RVT PC GI	**661010**		0.25
361 cu. in.						4.75	5.00	860 FV CR	**661020**		0.50
								732 FV CR	**661030**		0.75
									661040		1.00
									661060		1.50
								362 BF 3CR GI	**2C661**		STD
								126 RVT PC GI	**2C661040**		1.00
								860 FV CR			
								732 FV CR			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
CHRYSLER											
								327 BF PM GI	**2M661**		STD
								126 RVT PC GI	**2M661010**		0.25
								860 FV CR	**2M661020**		0.50
								732 FV CR	**2M661030**		0.75
									2M661040		1.00
									2M661060		1.50
MC3H, H413		8		413cu. in. MC3H	106.36	2.00	4.98	032 BF PC GI	**437**	8 Cyl.	STD
			1959-65	H413		2.00	5.00	126 RVT PC GI	**437030**		0.75
413 cu. in.						4.75	5.00	860 FV CR	**437040**		1.00
								732 FV CR	**2M437030**		0.75
									2M437040		1.00
H383, HA383, M383, M383B, M426, M426D, M426D-606, 607, 608		8		383cu. in. Chry., Plymouth 59-71 Canada	107.95	2.00	5.05	032 BF PC GI	**683**	8 Cyl.	STD
383cu. in.			1969-71	Chry. RC2 Windsor		2.00	5.08	126 RVT PC GI	**683010**		0.25
426cu. in.			1961-68	RC2 Windsor Exc. Hemi		4.75	4.88	860 FV CR	**683020**		0.50
			1963-71	H383, HA383, M383, M383B, M426, M426D, M426D-606, 607, 608				732 FV CR	**683030**		0.75
									683040		1.00
									683060		1.50
									683080		2.00
									683100		2.50
								363 BF CR GI	**2C683**		STD
								126 RVT PC GI	**2C683010**		0.25
								860 FV CR	**2C683020**		0.50
								732 FV CR	**2C683030**		0.75
									2C683040		1.00
									2C683060		1.50
								327 BF PM GI	**2M683**		STD
								126 RVT PC GI	**2M683010**		0.25
								860 FV CR	**2M683020**		0.50
								732 FV CR	**2M683030**		0.75
									2M683040		1.00
									2M683060		1.50
									2M683070		1.75
									2M683080		2.00
									2M683100		2.50
B440		8		440cu. in. Chry., Plymouth	109.73	2.00	5.13	032 BF PC GI	**692**	8 Cyl.	STD
440 cu. in.			1966-78	Irrigation Use		2.00	5.16	126 RVT PC GI	**692010**		0.25
440 cu. in.						4.75	4.88	860 FV CR	**692020**		0.50
								732 FV CR	**692030**		0.75
									692040		1.00
									692060		1.50
								362 BF 3CR GI	**2C692**		STD
								126 RVT PC GI	**2C692030**		0.75
								860 FV CR	**2C692040**		1.00
								732 FV CR	**2C692060**		1.50
								345 T PM GI	**2M692**		STD
								126 RVT PC GI	**2M692030**		0.75
								860 FV CR	**2M692040**		1.00
								732 FV CR	**2M692060**		1.50
400cu. in.		8			110.29	2.00	5.16	032 BF PC GI	**676**	8 Cyl.	STD
400 cu. in.			1972-78			2.00	5.18	126 RVT PC GI	**676030**		0.75
						4.75	1.27	860 FV CR			
								732 FV CR			
								362 BF 3CR GI	**2C676**		STD
								126 RVT PC GI			
								860 FV CR			
								732 FV CR			
								327 BF PM GI	**2M676**		STD
								126 RVT PC GI	**2M676020**		0.50
								860 FV CR	**2M676030**		0.75
								732 FV CR	**2M676040**		1.00

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
CHRYSLER-AUSTRALIA											
245 cu. in.		6	1973-75	Chry. "D" Hemi Charger, Regal	95.50	2.00	4.47	032 BF PC GI	**5586**	6 Cyl.	STD
245 cu. in.			1971-72	Chry. "D" Ranger XL		2.00	4.50	126 RVT PC GI	**5586020**		0.50
245 cu. in.			1970	Chry. "D" Hemi, Valiant VG, VH, VJ, Pacer & Regal 770 VIP		4.75	1.27	860 FV CR	**5586040**		1.00
								732 FV CR			
								362 BF 3CR GI	**2C5586**		STD
								126 RVT PC GI	**2C5586020**		0.50
								860 FV CR	**2C5586040**		1.00
								732 FV CR			
239cu. in.		6	1971-On	Dodge, Plymouth	99.31	2.00	4.67	032 BF PC GI	**5560**	6 Cyl.	STD
265 cu. in.			1987-89	Chry. Valiant VH & CH, Plymouth		2.00	4.70	126 RVT PC GI	**5560020**		0.50
						4.75	4.75	860 FV CR	**5560030**		0.75
								732 FV CR	**5560040**		1.00
									5560060		1.50
								362 BF 3CR GI	**2C5560**		STD
								126 RVT PC GI	**2C5560020**		0.50
								860 FV CR	**2C5560030**		0.75
								732 FV CR	**2C5560040**		1.00
									2C5560060		1.50
								327 BF PM GI	**2M5560**		STD
								126 RVT PC GI	**2M5560020**		0.50
								860 FV CR	**2M5560030**		0.75
								732 FV CR	**2M5560040**		1.00
									2M5560060		1.50
CHRYSLER-INCLUDES CHRYSLER, DESOTO, DODGE & PLYMOUTH											
	1187	4	1973-76	74cu. in. Plymouth Mitsubishi 4G42	71.00	2.00	3.30	032 BF PC GI	**4342**	4 Cyl.	STD
						2.00	3.33	401 SCRP PC GI			
						4.00	3.81	056 FV CR			
								732 FV CR			
								362 BF 3CR GI	**2C4342**		STD
								401 SCRP PC GI	**2C4342020**		0.50
								056 FV CR	**2C4342040**		1.00
								732 FV CR			
G12B		4	1979-85	86cu. in. Vin: J Dodge Colt, Plymouth Champ - Mitsubishi G12B	74.00	1.50	3.20	032 BF PC GI	**4396**	4 Cyl.	STD
						1.50	3.45	126 RVT PC GI	**4396010**		0.25
						4.00	3.30	058 FV CR	**4396020**		0.50
								732 FV CR	**4396030**		0.75
									4396040		1.00
									4396060		1.50
								362 BF 3CR GI	**2C4396**		STD
								126 RVT PC GI	**2C4396010**		0.25
								058 FV CR	**2C4396020**		0.50
								732 FV CR	**2C4396030**		0.75
									2C4396040		1.00
									2C4396060		1.50
								327 BF PM GI	**2M4396**		STD
								126 RVT PC GI	**2M4396020**		0.50
								058 FV CR	**2M4396030**		0.75
								732 FV CR	**2M4396040**		1.00
									2M4396060		1.50
G15B, 4G15, G4AJ, G4DJ		4	1991-96	92cu. in. Vin: A,Q, 12 Valve G15B, 4G15, G4AJ, G4DJ	75.50	1.20	2.92	398 BF CR S	**2C4668**	4 Cyl.	STD
						1.50	3.12	126 RVT PC GI	**2C4668010**		0.25
						3.00	3.18	054 FV CR	**2C4668020**		0.50
								732 FV CR	**2C4668030**		0.75
									2C4668040		1.00
									2C4668060		1.50
G15B		4	1985-92	92cu. in. Vin: Q Dodge, Plymouth - Mitsubishi G15B	75.50	1.50	2.95	032 BF PC GI	**5716**	4 Cyl.	STD
						1.50	3.12	126 RVT PC GI	**5716010**		0.25
						4.00	3.68	058 FV CR	**5716020**		0.50
								732 FV CR	**5716030**		0.75
									5716040		1.00
									5716060		1.50

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
CHRYSLER-INCLUDES CHRYSLER, DESOTO, DODGE & PLYMOUTH											
								363 BF CR GI	**2C5716**		STD
								126 RVT PC GI	**2C5716010**		0.25
								058 FV CR	**2C5716020**		0.50
								732 FV CR	**2C5716030**		0.75
									2C5716040		1.00
									2C5716060		1.50
								327 BF PM GI	**2M5716**		STD
								126 RVT PC GI	**2M5716010**		0.25
								058 FV CR	**2M5716020**		0.50
								732 FV CR	**2M5716030**		0.75
									2M5716040		1.00
		4	1984-90	98cu. in. Vin: K SOHC	76.90	1.50	3.30	032 BF PC GI	**4353**	4 Cyl.	STD
						1.50	3.68	126 RVT PC GI	**4353020**		0.50
						4.00	3.43	058 FV CR	**4353030**		0.75
								732 FV CR	**4353040**		1.00
								362 BF 3CR GI	**2C4353**		STD
								126 RVT PC GI	**2C4353010**		0.25
								058 FV CR	**2C4353020**		0.50
								732 FV CR	**2C4353030**		0.75
									2C4353040		1.00
4G32, G32B	1597	4	1971-74	97.5cu. in. Dodge Colt - Mitsubishi 4G32	76.90	2.00	3.66	032 BF PC GI	**675**	4 Cyl.	STD
	1597		1971-84	98cu. in. Dodge Challenger Colt 77 H.P., G32B		2.00	3.68	126 RVT PC GI	**675010**		0.25
						4.00	3.94	056 FV CR	**675020**		0.50
								732 FV CR	**675030**		0.75
									675040		1.00
									675060		1.50
								362 BF 3CR GI	**2C675**		STD
								126 RVT PC GI	**2C675010**		0.25
								056 FV CR	**2C675020**		0.50
								732 FV CR	**2C675030**		0.75
									2C675040		1.00
105cu. in.	1715	4	1978-84	Dodge Omni, Plymouth Horizon	79.50	1.75	3.15	032 BF PC GI	**4490**	4 Cyl.	STD
						2.00	3.43	126 RVT PC GI	**4490010**		0.25
						4.00	3.81	056 FV CR	**4490020**		0.50
								732 FV CR	**4490030**		0.75
									4490040		1.00
									4490060		1.50
								363 BF CR GI	**2C4490**		STD
								126 RVT PC GI	**2C4490010**		0.25
								056 FV CR	**2C4490020**		0.50
								732 FV CR	**2C4490030**		0.75
									2C4490040		1.00
									2C4490060		1.50
								327 BF PM GI	**2M4490**		STD
								126 RVT PC GI	**2M4490010**		0.25
								056 FV CR	**2M4490020**		0.50
								732 FV CR	**2M4490030**		0.75
									2M4490040		1.00
									2M4490060		1.50
		4	1983-86	97cu. in. Dodge, Plymouth - Peugeot	80.60	1.75	3.58	032 BF PC GI	**4253**	4 Cyl.	STD
						2.00	3.61	401 SCRP PC GI	**4253020**		0.50
						4.00	4.11	056 FV CR			
								732 FV CR			
								363 BF CR GI	**2C4253**		STD
								401 SCRP PC GI	**2C4253020**		0.50
								056 FV CR			
								732 FV CR			
4G37		4	1989-93	107cu. in. 4G37 Vin: P,T	80.60	1.50	3.58	032 BF PC GI	**4367**	4 Cyl.	STD
						1.50	3.61	401 SCRP PC GI	**4367020**		0.50
						4.00	3.30	058 FV CR	**4367030**		0.75
								732 FV CR	**4367040**		1.00
								363 BF CR GI	**2C4367**		STD
								401 SCRP PC GI	**2C4367020**		0.50
								058 FV CR	**2C4367030**		0.75
								732 FV CR	**2C4367040**		1.00
									2C4367060		1.50

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
CHRYSLER-INCLUDES CHRYSLER, DESOTO, DODGE & PLYMOUTH											
G62B	1795	4	1985-86	110cu. in. Plymouth Mitsubishi, G62B	80.60	2.00	3.58	032 BF PC GI	**6172**	4 Cyl.	STD
						2.00	3.61	401 SCRP PC GI	**6172020**		0.50
						4.00	3.81	056 FV CR	**6172030**		0.75
								732 FV CR	**6172040**		1.00
									6172060		1.50
								363 BF CR GI	**2C6172**		STD
								401 SCRP PC GI	**2C6172020**		0.50
								056 FV CR	**2C6172030**		0.75
								732 FV CR	**2C6172040**		1.00
4G31, 4G61		4	1989-93	98cu. in. Vin: K DOHC Incl. Turbo 4G31, 4G61 Mitsubishi	82.30	1.20	3.33	398 BF CR S	**2C4669**	4 Cyl.	STD
						1.50	3.61	126 RVT PC GI	**2C4669020**		0.50
						3.00	2.79	997 FV CR	**2C4669030**		0.75
								732 FV CR	**2C4669040**		1.00
6G73	2497	6	1995-00	152cu. in. Mitsubishi 6G73	83.50	1.20	3.12	398 BF CR S	**2C4928**	6 Cyl.	STD
						1.50	3.81	126 RVT PC GI	**2C4928020**		0.50
						3.00	3.18	054 FV CR	**2C4928030**		0.75
								732 FV CR	**2C4928040**		1.00
G52B		4	1974-82	122cu. in. Dodge Colt G52B	84.00	2.00	3.99	032 BF PC GI	**4247**	4 Cyl.	STD
						2.00	3.84	126 RVT PC GI	**4247020**		0.50
						4.00	3.43	058 FV CR	**4247030**		0.75
								732 FV CR	**4247040**		1.00
									4247060		1.50
								362 BF 3CR GI	**2C4247**		STD
								126 RVT PC GI	**2C4247010**		0.25
								058 FV CR	**2C4247020**		0.50
								732 FV CR	**2C4247030**		0.75
									2C4247040		1.00
									2C4247060		1.50
122cu. in.	2000	4	1988-93	GTX, DOHC & SOHC Dodge, Plymouth , Incl. Turbo	85.00	1.20	3.33	398 BF CR S	**2C4613**	4 Cyl.	STD
122cu. in.			1990-92	Vin: A DOHC Incl. Turbo		1.50	3.43	126 RVT PC GI	**2C4613010**		0.25
						3.00	3.30	054 FV CR	**2C4613020**		0.50
								732 FV CR	**2C4613030**		0.75
									2C4613040		1.00
								326 TBF GN SS	**2N461325**		0.25
								435 SCRP PC GI			
								672 FV GN			
								708 FV GN			
4G63		4	1983-87	122cu. in. D-50 Dodge, Plymouth Leaded Gas To 11-1-86 4G63	85.00	2.00	3.81	032 BF PC GI	**6171**	4 Cyl.	STD
						2.00	3.45	126 RVT PC GI	**6171020**		0.50
						4.00	3.43	058 FV CR	**6171030**		0.75
								732 FV CR	**6171040**		1.00
									6171060		1.50
								362 BF 3CR GI	**2C6171**		STD
								126 RVT PC GI	**2C6171020**		0.50
								058 FV CR	**2C6171030**		0.75
								732 FV CR	**2C6171040**		1.00
									2C6171060		1.50
4G63, G54B		4	1987-91	122cu. in. D-50 Dodge, Plymouth Unleaded Gas After 11-1-86 4G63	85.00	1.50	3.43	032 BF PC GI	**6899**	4 Cyl.	STD
122cu. in.			1987-91	D-50 Dodge G54B		1.50	3.43	126 RVT PC GI	**6899010**		0.25
						4.00	3.81	056 FV CR	**6899020**		0.50
								732 FV CR	**6899030**		0.75
									6899040		1.00
									6899060		1.50
								362 BF 3CR GI	**2C6899**		STD
								126 RVT PC GI	**2C6899010**		0.25
								056 FV CR	**2C6899020**		0.50
								732 FV CR	**2C6899030**		0.75
									2C6899040		1.00
									2C6899060		1.50
								327 BF PM GI	**2M6899**		STD
								126 RVT PC GI	**2M6899010**		0.25
								056 FV CR	**2M6899020**		0.50
								732 FV CR	**2M6899060**		1.50

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
CHRYSLER-INCLUDES CHRYSLER, DESOTO, DODGE & PLYMOUTH											
110cu. in.	1798	4	2006-10	Vin: C World Engine	86.00	1.20	3.33	398 BF CR S	**2C4835**	4 Cyl.	STD
122cu. in.	1998		2006-11	Vin: A,B World Engine		1.20	3.58	126 RVT PC GI	**2C4835020**		0.50
						2.00	2.79	993 FV CR	**2C4835030**		0.75
								005 FV CR	**2C4835040**		1.00
167cu. in.		6	1998-10	V-6 2700 Vin: N,R,T,U	86.00	1.50	3.25	397 BF PM S	**2M4946**	6 Cyl.	STD
						1.50	3.43	126 RVT PC GI	**2M4946010**		0.25
						3.00	3.30	054 FV CR	**2M4946020**		0.50
								732 FV CR	**2M4946030**		0.75
									2M4946004		0.10
									2M4946040		1.00
									2M4946060		1.50
167cu. in.		6	1998-03	V-6 2700, Vin: R,T,U w/Deep oil ring groove After Market Pistons	86.00	1.50	3.25	397 BF PM S	**2M5094**	6 Cyl.	STD
						1.50	3.43	126 RVT PC GI	**2M4946004**		0.10
						3.00	3.81	872 FV CR	**2M5094010**		0.25
								732 FV CR	**2M5094020**		0.50
									2M5094030		0.75
									2M5094040		1.00
									2M5094060		1.50
91.4cu. in.	1500	4	1971-76	91 Plymouth Cricket	86.13	2.00	4.04	032 BF PC GI	**674**	4 Cyl.	STD
						2.00	4.06	126 RVT PC GI	**674030**		0.75
						4.00	4.62	860 FV CR	**674040**		1.00
								732 FV CR			
								362 BF 3CR GI	**2C674**		STD
								126 RVT PC GI	**2C674030**		0.75
								860 FV CR	**2C674040**		1.00
								732 FV CR			
G64B		4	1992	146cu. in. Vin:T Mitsubishi G64B	86.50	1.50	3.89	362 BF 3CR GI	**2C4638**	4 Cyl.	STD
						1.50	3.45	126 RVT PC GI	**2C4638010**		0.25
						4.00	3.68	058 FV CR	**2C4638020**		0.50
								732 FV CR	**2C4638030**		0.75
									2C4638040		1.00
146cu. in.		4	1993-05	Mitsubishi RDS2, 4G64	86.50	1.20	3.33	398 BF CR S	**2C4780**	4 Cyl.	STD
						1.50	3.45	126 RVT PC GI	**2C4780020**		0.50
						2.80	2.79	997 FV CR	**2C4780030**		0.75
								732 FV CR	**2C4780040**		1.00
									2C4780060		1.50
4G64		4	1993-96	146cu. in. Vin:T Mitsubishi 4G64	86.50	1.20	3.33	398 BF CR S	**2C4783**	4 Cyl.	STD
						1.50	3.45	126 RVT PC GI	**2C4783010**		0.25
						3.00	2.54	997 FV CR	**2C4783020**		0.50
								732 FV CR	**2C4783030**		0.75
									2C4783040		1.00
									2C4783060		1.50
135cu. in.		4	1982-93	Chry. Turbo	87.50	1.50	4.11	335 T PM DI	**2M4206**	4 Cyl.	STD
153cu. in.			1982-93	Chry. Turbo		1.50	3.28	126 RVT PC GI	**2M4206020**		0.50
						4.00	4.24	056 FV CR	**2M4206030**		0.75
								732 FV CR	**2M4206040**		1.00
									2M4206060		1.50
135cu. in.		4	1985-95	Chry. Shallow Oil Ring Groove	87.50	1.50	4.11	032 BF PC GI	**4222**	4 Cyl.	STD
153cu. in.			1986-95	Chry. Shallow Oil Ring Groove		1.50	3.28	126 RVT PC GI	**4222020**		0.50
						4.00	1.27	872 FV CR	**4222030**		0.75
								732 FV CR	**4222040**		1.00
									4222060		1.50
								362 BF 3CR GI	**2C4222**		STD
								126 RVT PC GI	**2C4222020**		0.50
								872 FV CR	**2C4222030**		0.75
								732 FV CR			
								335 T PM DI	**2M4222**		STD
								126 RVT PC GI	**2M4222010**		0.25
								872 FV CR	**2M4222020**		0.50
								732 FV CR	**2M4222030**		0.75
									2M4222040		1.00
									2M4222060		1.50

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
CHRYSLER-INCLUDES CHRYSLER, DESOTO, DODGE & PLYMOUTH											
135cu. in.	2429	4	1992-97	16 Valve Turbo	87.50	1.50	3.25	397 BF PM S	**2M4734**	4 Cyl.	STD
148cu. in.	2429		1995-97			1.50	3.28	126 RVT PC GI	**2M4734020**		0.50
						3.00	3.30	054 FV CR	**2M4734030**		0.75
								732 FV CR	**2M4734040**		1.00
121cu. in.		4	1995-05	DOHC/SOHC L4 Vin: C,F	87.50	1.20	3.53	398 BF CR S	**2C4759**	4 Cyl.	STD
						1.20	3.33	126 RVT PC GI	**2C4759010**		0.25
						3.00	3.94	872 FV CR	**2C4759020**		0.50
								732 FV CR	**2C4759030**		0.75
									2C4759040		1.00
									2C4759060		1.50
153cu. in.		4	1994-97	Chry. Turbo Shallow Oil Ring Groove	87.50	1.50	4.11	335 T PM DI	**2M4880**	4 Cyl.	STD
						1.50	3.28	126 RVT PC GI	**2M4880020**		0.50
						4.00	3.94	872 FV CR	**2M4880030**		0.75
								732 FV CR	**2M4880040**		1.00
									2M4880060		1.50
148cu. in.	2429	4	1998-10	Vin: B,G,X,1 Incl. Turbo	87.50	1.20	3.53	398 BF CR S	**2C4948**	4 Cyl.	STD
						1.50	3.28	126 RVT PC GI	**2C4948010**		0.25
						3.00	3.81	872 FV CR	**2C4948020**		0.50
								732 FV CR	**2C4948030**		0.75
									2C4948040		1.00
146cu. in.	2429	4	2004-08	Turbo L4, Vin: E w/2.5mm oil grv	87.50	1.20	3.53	398 BF CR S	**2C5125**	4 Cyl.	STD
						1.50	3.28	126 RVT PC GI	**2C5125020**		0.50
						2.50	2.92	995 FV CR	**2C5125030**		0.75
								732 FV CR	**2C5125040**		1.00
135cu. in.		4	1981-85	Chry., Dodge, Plymouth	87.50	1.50	4.11	032 BF PC GI	**5652**	4 Cyl.	STD
153cu. in.			1986	Chry., Dodge Deep Oil Ring Groove		1.50	3.28	126 RVT PC GI	**5652010**		0.25
						4.00	4.24	056 FV CR	**5652020**		0.50
								732 FV CR	**5652030**		0.75
									5652040		1.00
									5652060		1.50
								363 BF CR GI	**2C5652**		STD
								126 RVT PC GI	**2C5652010**		0.25
								056 FV CR	**2C5652020**		0.50
								732 FV CR	**2C5652030**		0.75
									2C5652040		1.00
									2C5652060		1.50
								327 BF PM GI	**2M5652**		STD
								126 RVT PC GI	**2M5652010**		0.25
								056 FV CR	**2M5652020**		0.50
								732 FV CR	**2M5652030**		0.75
									2M5652040		1.00
									2M5652060		1.50
144cu. in.		4	2006-15	Vin: B,F,K World Engine	88.00	1.20	3.33	398 BF CR S	**2C5297**	4 Cyl.	STD
						1.20	3.33	126 RVT PC GI	**2C5297020**		0.50
						2.00	2.79	993 FV CR	**2C5297030**		0.75
								005 FV CR	**2C5297040**		1.00
6G72	2972	6	1987-04	181cu. in. Vin:H,V Dodge Mini Van, Mitsubishi 6G72 SOHC,	91.10	1.50	4.04	032 BF PC GI	**4453**	6 Cyl.	STD
						1.50	4.06	126 RVT PC GI	**4453010**		0.25
						4.00	3.30	870 FV CR	**4453020**		0.50
								732 FV CR	**4453030**		0.75
									4453040		1.00
									4453060		1.50
								335 T PM DI	**2M4453**		STD
								126 RVT PC GI	**2M4453010**		0.25
								870 FV CR	**2M4453020**		0.50
								732 FV CR	**2M4453030**		0.75
									2M4453040		1.00
									2M4453060		1.50
181cu. in.		6	1991-05	Vin: V Dodge 6G72, Stealth Incl. Turbo, DOHC	91.10	1.20	3.73	398 BF CR S	**2C4670**	6 Cyl.	STD
						1.50	4.06	126 RVT PC GI	**2C4670020**		0.50
						3.00	2.92	997 FV CR	**2C4670030**		0.75
								732 FV CR	**2C4670040**		1.00
									2C4670060		1.50

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
CHRYSLER-INCLUDES CHRYSLER, DESOTO, DODGE & PLYMOUTH											
4G54B		4	1978-83	156cu. in. Chry. Thru March 1983	91.10	2.00	3.71	032 BF PC GI	**5595**	4 Cyl.	STD
						2.00	3.99	126 RVT PC GI	**5595010**		0.25
						4.00	3.30	870 FV CR	**5595020**		0.50
								732 FV CR	**5595030**		0.75
									5595040		1.00
									5595060		1.50
								362 BF 3CR GI	**2C5595**		STD
								126 RVT PC GI	**2C5595010**		0.25
								870 FV CR	**2C5595020**		0.50
								732 FV CR	**2C5595030**		0.75
									2C5595040		1.00
									2C5595060		1.50
								327 BF PM GI	**2M5595**		STD
								126 RVT PC GI	**2M5595010**		0.25
								870 FV CR	**2M5595020**		0.50
								732 FV CR	**2M5595030**		0.75
									2M5595040		1.00
									2M5595060		1.50
4G54T		4	1983-89	156cu. in. Chry. April 1983-89 Incl. Turbo Shallow Oil Ring Groove	91.10	1.50	3.58	032 BF PC GI	**5667**	4 Cyl.	STD
						1.50	4.06	126 RVT PC GI	**5667010**		0.25
						4.00	3.81	056 FV CR	**5667020**		0.50
								732 FV CR	**5667030**		0.75
									5667040		1.00
									5667060		1.50
								363 BF CR GI	**2C5667**		STD
								126 RVT PC GI	**2C5667010**		0.25
								056 FV CR	**2C5667020**		0.50
								732 FV CR	**2C5667030**		0.75
									2C5667040		1.00
									2C5667060		1.50
197cu. in.		6	1998-01	Eng, V-6 Concorde, Intrepid Vin: J	92.00	1.20	3.73	398 BF CR S	**2C4903**	6 Cyl.	STD
						1.50	3.78	126 RVT PC GI	**2C4903020**		0.50
						3.00	3.18	054 FV CR	**2C4903030**		0.75
								005 FV CR	**2C4903040**		1.00
201cu. in.		6	1988-97	Chry., Dodge, Plymouth	93.00	1.50	3.48	032 BF PC GI	**4636**	6 Cyl.	STD
226cu. in.			1999-11	Vin: K		1.50	3.78	126 RVT PC GI	**4636020**		0.50
						3.00	3.94	872 FV CR	**4636030**		0.75
								732 FV CR	**4636040**		1.00
									4636060		1.50
								327 BF PM GI	**2M4636**		STD
								126 RVT PC GI	**2M4636010**		0.25
								872 FV CR	**2M4636020**		0.50
								732 FV CR	**2M4636030**		0.75
									2M4636040		1.00
									2M4636060		1.50
182cu. in.		6	1990-91	Renault	93.00	1.75	4.09	363 BF CR GI	**2C4672**	6 Cyl.	STD
						1.75	4.11	126 RVT PC GI			
						3.50	4.24	056 FV CR			
								732 FV CR			
285cu. in.		8	1999-07	Aspen Vin: N,P	93.00	1.50	3.48	032 BF PC GI	**4790**	8 Cyl.	STD
						1.50	3.78	126 RVT PC GI	**4790010**		0.25
						3.00	3.94	872 FV CR	**4790020**		0.50
								732 FV CR	**4790030**		0.75
									4790040		1.00
								335 T PM DI	**2M4790**		STD
								126 RVT PC GI	**2M4790010**		0.25
								872 FV CR	**2M4790020**		0.50
								732 FV CR	**2M4790030**		0.75
									2M4790040		1.00
201cu. in.		6	1998-09	Vin: G,R,3 Shallow Top Grv./ Shallow Oil Grv.	93.00	1.50	3.45	335 T PM DI	**2M5014**	6 Cyl.	STD
						1.50	3.78	126 RVT PC GI	**2M5014020**		0.50
						3.00	3.81	872 FV CR	**2M5014030**		0.75
								732 FV CR	**2M5014040**		1.00
									2M5014060		1.50

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
CHRYSLER-INCLUDES CHRYSLER, DESOTO, DODGE & PLYMOUTH											
285cu. in.		8	2008-13	Vin: P (flex fuel) Aspen, Dakota, Ram	93.00	1.20	3.61	397 BF PM S	**2M5165**	8 Cyl.	STD
						1.50	3.78	126 RVT PC GI	**2M5165010**		0.25
						2.50	2.79	995 FV CR	**2M5165020**		0.50
								732 FV CR	**2M5165030**		0.75
									2M5165040		1.00
325cu. in.		8	1957-58	Dodge	93.66	2.00	4.42	032 BF PC GI	**681**	8 Cyl.	STD
						2.00	4.45	126 RVT PC GI	**681030**		0.75
						4.75	4.62	860 FV CR			
								732 FV CR			
277 C.I.D.		8	1956-57	4.5L P29 Plymouth	95.25	2.00	4.47	032 BF PC GI	**568**	8 Cyl.	STD
						2.00	4.50	126 RVT PC GI	**568010**		0.25
						4.75	1.27	860 FV CR	**568100**		2.50
								732 FV CR	**568020**		0.50
									568030		0.75
									568040		1.00
									568060		1.50
									568080		2.00
								363 BF CR GI	**2C568**		STD
								126 RVT PC GI	**2C568010**		0.25
								860 FV CR	**2C568020**		0.50
								732 FV CR	**2C568030**		0.75
									2C568040		1.00
									2C568060		1.50
								327 BF PM GI	**2M568**		STD
								126 RVT PC GI	**2M568010**		0.25
								860 FV CR	**2M568100**		2.50
								732 FV CR	**2M568020**		0.50
									2M568030		0.75
									2M568040		1.00
									2M568060		1.50
									2M568080		2.00
220cu. in.		6	2011-14	Vin: G	96.00	1.20	3.12	398 BF CR S	**2C4550**	6 Cyl.	STD
						1.20	3.81	610 RVT PC GI	**2C4550020**		0.50
						2.00	2.92	991 FV CR	**2C4550030**		0.75
								005 FV CR	**2C4550040**		1.00
214cu. in.		6	1993-95		96.00	1.50	3.94	032 BF PC GI	**4648**	6 Cyl.	STD
231cu. in.			1991-02	Dodge, Plymouth Vin: L,6		1.50	3.73	126 RVT PC GI	**4648010**		0.25
						3.00	3.81	872 FV CR	**4648020**		0.50
								732 FV CR	**4648030**		0.75
									4648040		1.00
									4648060		1.50
								327 BF PM GI	**2M4648**		STD
								126 RVT PC GI	**2M4648020**		0.50
								872 FV CR	**2M4648030**		0.75
								732 FV CR	**2M4648040**		1.00
									2M4648060		1.50
								322 BF GN SS	**2N4648**		STD
								126 RVT PC GI	**2N464850**		0.50
								672 FV GN			
								708 FV GN			
215cu. in.	3952	6	1996-10	Vin: G,K,V	96.00	1.20	3.73	398 BF CR S	**2C4890**	6 Cyl.	STD
231cu. in.			2001-10	Vin: L,P,1		1.50	3.73	126 RVT PC GI	**2C4890010**		0.25
241cu. in.	3952		2007-11	Vin: X		3.00	3.81	872 FV CR	**2C4890020**		0.50
								732 FV CR	**2C4890030**		0.75
									2C4890004		0.10
									2C4890040		1.00
									2C4890060		1.50
								397 BF PM S	**2M4890**		STD
								126 RVT PC GI	**2M4890010**		0.25
								872 FV CR	**2M4890020**		0.50
								732 FV CR	**2M4890030**		0.75
									2M4890040		1.00
341cu. in.		8	1957	Desoto Fireflite, Firedome S25, S26, Adventurer	96.05	2.00	4.47	362 BF 3CR GI	**2C682**	8 Cyl.	STD
						2.00	4.22	126 RVT PC GI			
						4.75	1.27	860 FV CR			
								732 FV CR			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
CHRYSLER-INCLUDES CHRYSLER, DESOTO, DODGE & PLYMOUTH											
313cu. in.		8	1957-65	Canada	98.43	2.00	4.62	032 BF PC GI	**660**	8 Cyl.	STD
						2.00	4.65	126 RVT PC GI	**660010**		0.25
						4.75	4.88	860 FV CR	**660020**		0.50
								732 FV CR	**660030**		0.75
									660040		1.00
									660060		1.50
									660080		2.00
								363 BF CR GI	**2C660**		STD
								126 RVT PC GI	**2C660010**		0.25
								860 FV CR	**2C660020**		0.50
								732 FV CR	**2C660030**		0.75
									2C660040		1.00
									2C660060		1.50
									2C660080		2.00
								327 BF PM GI	**2M660**		STD
								126 RVT PC GI	**2M660010**		0.25
								860 FV CR	**2M660020**		0.50
								732 FV CR	**2M660030**		0.75
									2M660040		1.00
									2M660060		1.50
									2M660080		2.00
348cu. in.		8	2003-08	Hemi Vin; D,H,2	99.50	1.50	3.96	032 BF PC GI	**5097**	8 Cyl.	STD
						1.50	4.24	126 RVT PC GI	**5097010**		0.25
						3.00	2.79	997 FV CR	**5097020**		0.50
								732 FV CR	**5097030**		0.75
									5097040		1.00
								335 T PM DI	**2M5097**		STD
								126 RVT PC GI	**2M5097010**		0.25
								997 FV CR	**2M5097020**		0.50
								732 FV CR	**2M5097030**		0.75
									2M5097040		1.00
									2M5097060		1.50
345cu. in.		8	2009-14	EZC, EZH, Hemi Vin: T Challenger, Charger, 300	99.50	1.20	3.61	397 BF PM S	**2M5141**	8 Cyl.	STD
						1.20	4.37	610 RVT PC GI	**2M5141020**		0.50
						2.00	2.92	989 FV CR	**2M5141030**		0.75
								732 FV CR	**2M5141004**		0.10
									2M5141040		1.00
488cu. in.		10	1994-96	Dodge Viper, RT/10, MPI, M/T	101.60	1.50	3.86	335 T PM DI	**2M4816**	10 Cyl.	STD
						1.50	4.37	126 RVT PC GI	**2M4816020**		0.50
						3.00	3.81	872 FV CR	**2M4816030**		0.75
								732 FV CR	**2M4816040**		1.00
									2M4816060		1.50
370cu. in.		8	2005-10	Vin: W,3	103.00	1.50	4.09	336 T PM DI	**2M4907**	8 Cyl.	STD
						1.50	4.37	126 RVT PC GI	**2M4907010**		0.25
						3.00	3.18	054 FV CR	**2M4907020**		0.50
								732 FV CR	**2M4907030**		0.75
									2M4907040		1.00
									2M4907060		1.50
515cu. in.		10	2008-13	Dodge Viper, SRT vin: N, Z	103.00	1.50	4.09	336 T PM DI	**2M5378**	10 Cyl.	STD
						1.50	4.37	407 N PC DI	**2M5378020**		0.50
						3.00	3.18	054 FV CR	**2M5378030**		0.75
								732 FV CR	**2M5378040**		1.00
LD3H, LD3L		8	1958	350cu. in. LD3H, LD3L Dodge 102 series	103.19	2.00	4.85	032 BF PC GI	**639**	8 Cyl.	STD
						2.00	4.88	126 RVT PC GI	**639030**		0.75
						4.75	1.27	860 FV CR	**639040**		1.00
								732 FV CR	**639060**		1.50
								362 BF 3CR GI	**2C639**		STD
								126 RVT PC GI	**2C639040**		1.00
								860 FV CR	**2C639060**		1.50
								732 FV CR			
								327 BF PM GI	**2M639**		STD
								126 RVT PC GI	**2M639030**		0.75
								860 FV CR	**2M639040**		1.00
								732 FV CR			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
CHRYSLER-INCLUDES CHRYSLER, DESOTO, DODGE & PLYMOUTH											
392cu. in.		8	2011-14	Hemi OHV FI Vin; J	104.00	1.20	3.61	397 BF PM S	**2M5379**	8 Cyl.	STD
						1.20	4.32	406 N PC DI	**2M5379020**		0.50
						2.00	3.30	934 FV CR	**2M5379030**		0.75
								935 FV CR	**2M5379040**		1.00
CHRYSLER-PERFORMANCE											
	1997	4	1994-00		87.50	1.20	3.53	398 BF CR S	**SC5556**	4 Cyl.	STD
						1.20	3.33	126 RVT PC GI	**SC5556010**		0.25
						3.00	3.94	621 FV CR	**SC5556020**		0.50
								732 FV CR	**SC5556030**		0.75
									SC5556040		1.00
									SC5556060		1.50
390 cu. in.		8		Chry.	99.31	1.60	4.67	336 T PM DI	**2M5575**	8 Cyl.	STD
						1.60	4.70	126 RVT PC GI	**2M5575030**		0.75
						4.75	4.75	860 FV CR	**2M5575040**		1.00
								732 FV CR	**2M5575060**		1.50
292 cu. in.		8	1956-58	Chry. Low Tension Oil Ring	101.60	2.00	4.78	336 T PM DI	**2M5504**	8 Cyl.	STD
354 cu. in.			1971-75	Chry. Low Tension Oil Ring		2.00	4.80	126 RVT PC GI	**2M5504030**		0.75
360 cu. in.			1957-58	Chry. Low Tension Oil Ring		4.75	3.81	621 FV CR	**2M5504040**		1.00
								732 FV CR	**2M5504045**		1.13
292 cu. in.		8	1971-75	Chry.	101.60	2.00	4.78	336 T PM DI	**2M5508**	8 Cyl.	STD
360 cu. in.			1957-58	Chry.		2.00	4.80	126 RVT PC GI	**2M5508005**		0.13
						4.75	5.00	622 FV CR	**2M5508020**		0.50
								732 FV CR	**2M5508025**		0.63
									2M5508030		0.75
									2M5508035		0.88
									2M5508040		1.00
									2M5508045		1.13
									2M5508060		1.50
									2M5508065		1.63
360 cu. in.		8		Chry. Racing Piston	101.60	1.60	4.78	339 T PM GI	**CM5521**	8 Cyl.	STD
						1.60	4.80	126 RVT PC GI	**CM5521030**		0.75
						3.00	4.75	622 FV CR	**CM5521035**		0.88
								732 FV CR	**CM5521040**		1.00
									CM5521060		1.50
		8	1971-75		101.60	1.60	4.78	336 T PM DI	**2M5521**	8 Cyl.	STD
						1.60	4.80	126 RVT PC GI	**2M5521005**		0.13
						3.00	4.75	622 FV CR	**2M5521010**		0.25
								732 FV CR	**2M5521020**		0.50
									2M5521025		0.63
									2M5521030		0.75
									2M5521035		0.88
									2M5521040		1.00
									2M5521045		1.13
									2M5521060		1.50
									2M5521065		1.63
		8			101.60	2.00	4.85	102 T PC GI	**C5531**	8 Cyl.	STD
						2.00	4.80	126 RVT PC GI	**CM5531030**		0.75
						4.75	4.88	860 FV CR			
								732 FV CR			
		8			101.60	1.60	4.78	102 T PC GI	**C5532**	8 Cyl.	STD
						1.60	4.80	126 RVT PC GI	**C5532030**		0.75
						4.75	4.88	860 FV CR	**C5532040**		1.00
								732 FV CR	**C5532060**		1.50
								339 T PM GI	**CM5532**		STD
								126 RVT PC GI	**CM5532020**		0.50
								860 FV CR	**CM5532030**		0.75
								732 FV CR	**CM5532035**		0.88
									CM5532040		1.00
									CM5532060		1.50
		8			101.60	1.50	4.78	102 T PC GI	**C5540**	8 Cyl.	STD
						1.50	4.37	126 RVT PC GI	**CM5540030**		0.75
						3.00	3.81	621 FV CR			
								732 FV CR			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
CHRYSLER-PERFORMANCE											
360 cu. in.		8		Chry. contains Steel Moly top rings	101.60	1.09	4.09	395 T PM S	**SM5587**	8 Cyl.	STD
						1.09	4.37	610 RVT PC GI	**SM5587030**		0.75
						3.00	3.86	621 FV CR	**SM5587035**		0.88
								005 FV CR	**SM5587040**		1.00
									SM5587045		1.13
									SM5587060		1.50
									SM5587065		1.63
360 cu. in.		8		Chry contains Steel Moly top ring Napier ductile iron 2nd ring	101.60	1.09	4.09	395 T PM S	**SM8556**	8 Cyl.	STD
						1.09	4.37	406 N PC DI	**SM8556005**		0.13
						3.00	3.86	621 FV CR	**SM8556025**		0.63
								005 FV CR	**SM8556035**		0.88
									SM8556045		1.13
									SM8556055		1.38
									SM8556060		1.50
									SM8556065		1.63
									SM8556070		1.75
360 cu. in.		8		Chry. Racing Piston w/napier 2nd ring Contains 1/8" Oil Rings	101.60	1.60	4.78	336 T PM DI	**2M8571**	8 Cyl.	STD
						1.60	4.42	406 N PC DI	**2M8571005**		0.13
						3.00	4.75	622 FV CR	**2M8571030**		0.75
								732 FV CR	**2M8571035**		0.88
									2M8571045		1.13
									2M8571065		1.63
340 cu. in.		8	1968-73	Chry., Dodge, Trans-Am Standard Size Piston	102.62	2.00	4.78	336 T PM DI	**2M5561**	8 Cyl.	STD
						2.00	4.83	126 RVT PC GI			
						4.75	5.00	622 FV CR			
								732 FV CR			
350 cu. in.		8	1958	Plymouth	103.19	2.00	4.80	336 T PM DI	**2M5511**	8 Cyl.	STD
						2.00	4.88	126 RVT PC GI	**2M5511035**		0.88
						4.75	5.00	622 FV CR			
								732 FV CR			
361 cu. in.		8	1961-64	Chry.	104.78	2.00	4.88	336 T PM DI	**2M5513**	8 Cyl.	STD
						2.00	4.95	126 RVT PC GI	**2M5513025**		0.63
						4.75	5.21	860 FV CR	**2M5513030**		0.75
								732 FV CR	**2M5513035**		0.88
									2M5513040		1.00
									2M5513045		1.13
									2M5513005		0.13
									2M5513060		1.50
									2M5513065		1.63
		8			104.78	2.00	4.93	339 T PM GI	**CM5533**	8 Cyl.	STD
						2.00	4.95	126 RVT PC GI	**CM5533030**		0.75
						4.75	5.21	860 FV CR			
								732 FV CR			
		8			104.78	1.60	4.93	102 T PC GI	**C5534**	8 Cyl.	STD
						1.60	4.95	126 RVT PC GI	**C5534030**		0.75
						4.75	5.21	860 FV CR			
								732 FV CR			
								339 T PM GI	**CM5534**		STD
								126 RVT PC GI	**CM5534030**		0.75
								860 FV CR	**CM5534040**		1.00
								732 FV CR			
361 cu. in.		8		Chry. contains Steel Moly top rings	104.78	1.09	4.09	395 T PM S	**SM5593**	8 Cyl.	STD
						1.09	4.37	610 RVT PC GI	**SM5593005**		0.13
						3.00	3.81	621 FV CR	**SM5593060**		1.50
								005 FV CR			
361 cu. in.		8		Chry. w/napier 2nd ring	104.78	1.09	4.09	395 T PM S	**SM8550**	8 Cyl.	STD
						1.09	4.32	406 N PC DI	**SM8550005**		0.13
						3.00	3.81	621 FV CR	**SM8550010**		0.25
								005 FV CR	**SM8550015**		0.38
									SM8550025		0.63
									SM8550035		0.88
									SM8550045		1.13

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
CHRYSLER-PERFORMANCE											
426 cu. in.		8	1961-72	383, Engs. Chry. Low Tension Oil Ring	107.95	2.00	5.05	336 T PM DI	**2M5514**	8 Cyl.	STD
						2.00	5.08	126 RVT PC GI	**2M5514030**		0.75
						4.75	3.81	621 FV CR	**2M5514060**		1.50
								732 FV CR			
426 cu. in.		8	1961-72	383, Engs. Chry. Low Tension Oil Ring	107.95	1.60	5.05	336 T PM DI	**2M5515**	8 Cyl.	STD
						1.60	5.08	126 RVT PC GI	**2M5515030**		0.75
						4.75	3.81	621 FV CR	**2M5515035**		0.88
								732 FV CR	**2M5515060**		1.50
									2M5515065		1.63
									2M5515125		3.13
426 cu. in.		8	1961-72	383, Engs. Chry.	107.95	2.00	5.05	336 T PM DI	**2M5518**	8 Cyl.	STD
426 cu. in.				Chry. Hemi-Head Street Model		2.00	5.08	126 RVT PC GI	**2M5518005**		0.13
						4.75	5.00	622 FV CR	**2M5518030**		0.75
								732 FV CR	**2M5518035**		0.88
									2M5518040		1.00
									2M5518060		1.50
									2M5518065		1.63
426 cu. in.		8	1961-72	383, Engs.	107.95	1.60	5.05	336 T PM DI	**2M5519**	8 Cyl.	STD
426 cu. in.				Chry. Hemi-Head Street Model		1.60	5.08	126 RVT PC GI	**2M5519005**		0.13
						4.75	5.00	622 FV CR	**2M5519030**		0.75
								732 FV CR	**2M5519035**		0.88
									2M5519040		1.00
									2M5519060		1.50
									2M5519065		1.63
									2M5519125		3.13
		8			107.95	1.60	5.05	339 T PM GI	**CM5541**	8 Cyl.	STD
						1.60	5.08	126 RVT PC GI	**CM5541060**		1.50
						4.75	5.00	622 FV CR			
								732 FV CR			
		8		383, 426 Engs. Chry. contains Steel Moly top rings	107.95	1.09	4.09	395 T PM S	**SM5597**	8 Cyl.	STD
						1.09	4.11	406 N PC DI	**SM5597035**		0.88
						3.00	3.86	872 FV CR			
								005 FV CR			
426 cu. in.		8		383, Engs. Chry w/Napier ductile iron 2nd ring	107.95	1.60	5.05	336 T PM DI	**2M8562**	8 Cyl.	STD
						1.60	4.62	406 N PC DI	**2M8562005**		0.13
						4.75	5.00	622 FV CR	**2M8562030**		0.75
								732 FV CR	**2M8562035**		0.88
									2M8562040		1.00
									2M8562060		1.50
									2M8562065		1.63
									2M8562125		3.13
426 cu. in.		8		383, Engs. Chry. contains Steel Moly top ring	107.95	1.09	4.09	395 T PM S	**SM8567**	8 Cyl.	STD
						1.60	5.08	126 RVT PC GI	**SM8567035**		0.88
						4.75	5.00	622 FV CR	**SM8567065**		1.63
								732 FV CR			
		8			107.95	1.60	4.75	317 BF PVD GN SS	**SN8585**	8 Cyl.	STD
						1.60	4.62	406 N PC DI	**SN8585065**		1.63
						4.75	3.81	860 FV CR			
								732 FV CR			
440 cu. in.		8		Chry. Race Low Tension Oil Ring	109.73	1.60	5.13	336 T PM DI	**2M5520**	8 Cyl.	STD
						1.60	5.16	126 RVT PC GI	**2M5520030**		0.75
						4.75	3.81	621 FV CR	**2M5520035**		0.88
								732 FV CR			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
CHRYSLER-PERFORMANCE											
440 cu. in.		8	1966-75	Chry., Dodge, Plymouth - Performance	109.73	1.60	5.13	336 T PM DI	**2M5528**	8 Cyl.	STD
						1.60 4.75	5.16 4.75	126 RVT PC GI 622 FV CR 732 FV CR	**2M5528005** **2M5528030** **2M5528035** **2M5528040** **2M5528045** **2M5528055** **2M5528060** **2M5528065**		0.13 0.75 0.88 1.00 1.13 1.38 1.50 1.63
498 cu. in.		8			110.30	1.60	4.70	336 T PM DI	**2M5577**	8 Cyl.	STD
						1.60 4.75	5.16 5.21	126 RVT PC GI 860 FV CR 732 FV CR	**2M5577033**		0.03
CITROEN											
	1124	4		C15 Type AX11, N2/A3, N2/A4 N2/C9	72.00	1.50	2.82	362 BF 3CR GI	**2C9356**	4 Cyl.	STD
						2.00 3.00	3.10 3.30	401 SCRP PC GI 054 FV CR 732 FV CR	**2C9356020**		0.50
	1399			C2, C3, HDi diesel Pluriel, Xsara	73.70	2.50	3.25	213 FKST CC DI	**2D7270**	1 Cyl.	STD
						1.95 2.50	3.28 3.33	209 RVT PC DI 248 CF CR 881 2PCO	**2D727025** **2D727050**		0.25 0.50
	602		1968	602cc Dyane 6, 28, 33CV S.A.E., 35CV S.A.E., AMI-6	74.00	1.50	3.20	362 BF 3CR GI	**2C9503**	2 Cyl.	STD
						2.00 4.00	3.23 3.56	401 SCRP PC GI 058 FV CR 732 FV CR	**2C9503040**		1.00
9HZ, DV6TED4	1560		2004-08	Diesel Turbo DV6TED C3, C4, C5 HDi	75.00	3.00	2.97	213 FKST CC DI	**2D7254**	1 Cyl.	STD
						1.95 2.50	3.33 3.33	202 TTF PC DI 204 CF CR DI 881 2PCO	**2D725450**		0.50
TU3F2, TU3FM		4		AX TU3F2, TU3FM	75.00	1.75	3.45	362 BF 3CR GI	**2C9372**	4 Cyl.	STD
						2.00 3.00	3.48 3.18	401 SCRP PC GI 054 FV CR 732 FV CR	**2C9372010** **2C9372020** **2C9372030**		0.25 0.50 0.75
	1222	4		Moteur G103, 60CH Din TC: 8, 2, GS7CV Berline Break	77.00	1.75	3.30	362 BF 3CR GI	**2C7215**	4 Cyl.	STD
						2.00 4.00	3.38 3.94	435 SCRP PC GI 056 FV CR 732 FV CR			
TU5 JP	1587	4		Saxo	78.50	1.50	3.38	327 BF PM GI	**2M9365**	4 Cyl.	STD
	1600			(Peugeot)		1.50 3.00	3.40 3.30	126 RVT PC GI 054 FV CR 732 FV CR	**2M9365010** **2M9365020**		0.25 0.50
DW 8, DW 8 B, WJY, WJZ,	1868		1998-05	Diesel DW8, WJY, WJZ	82.20	2.00	3.56	205 BF CR DI	**2D5858**	1 Cyl.	STD
						2.00 3.00	3.58 3.68	210 SCRP TF PC DI 204 CF CR DI 881 2PCO	**2D585850**		0.50
		4	1983-On	BX 19D, Diesel	83.00	2.00	3.53	032 BF PC GI	**4865**	4 Cyl.	STD
						2.00 3.00	3.35 3.30	126 RVT PC GI 054 FV CR 732 FV CR	**4865020**		0.50
								362 BF 3CR GI	**2D4865**	4 Cyl.	STD
								126 RVT PC GI 204 CF CR DI 881 2PCO	**2D486550**		0.50
XU7JB (LFX) XU7JP(LFW, LFZ, L6A)	1275	4	1993-02	BERLINGO, XANTIA, ZX	83.00	1.50	3.20	376 BF CR DI	**2C5881**	4 Cyl.	STD
XU92C(D2A, D2C, D2F) XU9J1 (DFZ) XU9J2(D6A) XU9JA (DKZ)			1986-97	BX BREAK, ZX		1.50 4.00	3.25 3.43	126 RVT PC GI 58 FV CR 732 FV CR			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
CITROEN											
XUD9BSD, XUD9BTF, XUD9SD SUD9TE, XUD9TF, XUD9UF	1905		1992-03	Turbo Diesel XUD9BSD, XUD9BTF, XUD9SD SUD9TE, XUD9TF, XUD9UF	83.00	3.50	3.61	224 FKST PM DI	**2M7157**	1 Cyl.	STD
						2.00 3.00	3.63 3.68	202 TTF PC DI 204 CF CR DI 881 2PCO			
XUD9BSD, XUD9BTF, XUD9SD XUD9TE, XUD9TF, DHV, DHW, DHX, DHY	1905		1992-03	Turbo Diesel XUD9BSD, XUD9BTF, XUD9SD XUD9TE, XUD9TF, DHV, DHW, DHX, DHY	83.00	3.00	3.61	221 FKST CC DI	**2D7351**	1 Cyl.	STD
						2.00 3.00	3.63 3.68	202 TTF PC DI 204 CF CR DI 881 2PCO			
	1905		1983-02	Diesel DJY, D9B, XUD9A	83.00	2.00	3.61	217 BF CR DI	**2C7372**	1 Cyl.	STD
						2.00 3.00	3.63 3.68	202 TTF PC DI 204 CF CR DI 881 2PCO			
DW 10 ATED, DW 10 ATED 4, DW 10 TD, RHY, RHZ, DW 12 TED4	1999		1999-08	Turbo Diesel C5, DW10, HDi Berlingo, Xsara, Zantia	85.00	3.50	3.71	213 FKST CC DI	**2D7176**	1 Cyl.	STD
	2179		2001-04	Turbo Diesel DW12TED HDi Break, Estate		2.00 3.00	3.73 3.94	210 SCRP TF PC DI 204 CF CR DI 881 2PCO	**2D717660**	1 Cyl.	0.60
	1995	4	1979-On	829-AS CX2000 Athena, Reflex GT, Break, Familiale Paklas, TRE	88.00	1.75	4.14	032 BF PC GI	**4257**	4 Cyl.	STD
						2.00 4.00	3.96 4.24	126 RVT PC GI 056 FV CR 732 FV CR			
								327 BF PM GI	**2M4257**		STD
								126 RVT PC GI 056 FV CR 732 FV CR	**2M4257010**		0.25
		4	1966-75	O.H.V.	90.00	2.00	3.99	362 BF 3CR GI	**2C6864**	4 Cyl.	STD
						2.00 5.00	4.01 4.24	401 SCRP PC GI 871 FV CR 732 FV CR			
	2500	4	1984-On	C350	93.00	2.50	4.09	335 T PM DI	**2D9349**	4 Cyl.	STD
						2.00 4.00	4.11 4.14	126 RVT PC GI 553 CF CR GI 881 2PCO	**2D934950** **2D934975**		0.50 0.75
	2798		1992-02	Diesel 8140.63(F28D)	94.40	3.00	4.06	225 FKST CR DI	**2C7449**	1 Cyl.	STD
						2.00 2.50	4.09 3.33	210 SCRP TF PC DI 204 CF CR DI 881 2PCO			
	2798		2000-06	Turbo Diesel HDi 8140 w/2.5mm Keystone top grv.	94.40	2.50	4.06	233 FKST PM DI	**2M7450**	1 Cyl.	STD
						2.00 2.50	4.09 3.33	210 SCRP TF PC DI 204 CF CR DI 881 2PCO			
CLARK EQUIPMENT											
N62		4		Continental Engine 5 Clarkette, Truck Loader	60.33	2.38	2.79	032 BF PC GI	**5671**	4 Cyl.	STD
						2.38 4.75	2.82 1.27	126 RVT PC GI 870 FV CR 732 FV CR			
								362 BF 3CR GI	**2C5671**		STD
								126 RVT PC GI 870 FV CR 732 FV CR	**2C5671030**		0.75

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
CLARK EQUIPMENT											
		4		40 Yardlift, Carloader	76.20	3.18	3.45	032 BF PC GI	**727**	4 Cyl.	STD
						3.18	3.48	126 RVT PC GI			
						3.18	3.48	126 RVT PC GI			
						6.00	4.39	860 FV CR			
								732 FV CR			
								362 BF 3CR GI	**2C727**		STD
								126 RVT PC GI			
								126 RVT PC GI			
								860 FV CR			
								732 FV CR			
		4		D155G	92.08	2.25	4.06	032 BF PC GI	**7581**	4 Cyl.	STD
						2.25	4.09	126 RVT PC GI			
						2.25	4.09	126 RVT PC GI			
						4.75	4.62	860 FV CR			
								732 FV CR			
								362 BF 3CR GI	**2D7581**	4 Cyl.	STD
								126 RVT PC GI			
								126 RVT PC GI			
								553 CF CR GI			
								881 2PCO			
CLIMAX-ARROW											
				C66, CE66 5 Ring Piston 4 Comp & 1 Oil Ring	146.05	6.35	5.87	102 T PC GI	**6385**	1 Cyl.	STD
						6.35	5.89	102 T PC GI			
						6.35	5.89	401 SCRP PC GI			
						6.35	3.40	501 1PCO PC GI			
						6.35	5.89	825 2PCO			
								501 1PCO PC GI			
								362 BF 3CR GI	**2C6385**		STD
								102 T PC GI			
								102 T PC GI			
								435 SCRP PC GI			
								501 1PCO PC GI			
								825 2PCO			
CLINTON											
				VS100, 300, A300, 350, 500, 700, B700, C700, VS700, 2100, VS2100	50.80	2.25	2.39	102 T PC GI	**240**	1 Cyl.	STD
						2.25	2.41	102 T PC GI			
						4.75	1.14	858 FV CR			
								732 FV CR			
COCKSHUTT											
		4		Buda 4B153 5 Ring Piston	87.31	2.38	3.61	032 BF PC GI	**4288**	4 Cyl.	STD
						3.18	3.94	126 RVT PC GI			
						3.18	3.94	126 RVT PC GI			
						4.75	1.27	860 FV CR			
						4.75	4.14	732 FV CR			
								501 1PCO PC GI			
								362 BF 3CR GI	**2C4288**		STD
								126 RVT PC GI			
								126 RVT PC GI			
								860 FV CR			
								732 FV CR			
								501 1PCO PC GI			
		4		Buda 4B153 Gas 30 4 Ring Piston	87.31	3.18	4.11	032 BF PC GI	**5063**	4 Cyl.	STD
				F162 Gas Continental 540		3.18	3.94	126 RVT PC GI	**5063060**		1.50
						3.18	3.94	126 RVT PC GI			
						4.75	4.50	860 FV CR			
								732 FV CR			
								362 BF 3CR GI	**2C5063**		STD
								126 RVT PC GI			
								126 RVT PC GI			
								860 FV CR			
								732 FV CR			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
COCKSHUTT											
6BD230 Buda Engine		6		40 Diesel	87.31	3.18	4.11	362 BF 3CR GI	**2C5102**	6 Cyl.	STD
						3.18	3.94	126 RVT PC GI			
						3.18	3.94	126 RVT PC GI			
						4.75	2.54	501 1PCO PC GI			
						4.75	4.14	825 2PCO			
								501 1PCO PC GI			
		6		Buda GB230 5 Ring Piston	87.31	2.38	3.61	032 BF PC GI	**5106**	6 Cyl.	STD
						3.18	3.94	126 RVT PC GI	**5106060**		1.50
						3.18	3.94	126 RVT PC GI			
						4.75	1.27	860 FV CR			
						4.75	4.14	732 FV CR			
								501 1PCO PC GI			
								362 BF 3CR GI	**2C5106**		STD
								126 RVT PC GI			
								126 RVT PC GI			
								860 FV CR			
								732 FV CR			
								501 1PCO PC GI			
		4		F162 Gas Continental 540	87.31	2.39	3.61	032 BF PC GI	**5669**	4 Cyl.	STD
						2.39	4.14	126 RVT PC GI	**5669020**		0.50
						2.39	4.14	126 RVT PC GI	**5669040**		1.00
						6.00	4.50	860 FV CR	**5669060**		1.50
								732 FV CR			
								362 BF 3CR GI	**2C5669**		STD
								126 RVT PC GI			
								126 RVT PC GI			
								860 FV CR			
								732 FV CR			
6BD230 Buda Engine		6		40 5 Ring Piston	88.90	3.18	3.96	362 BF 3CR GI	**2C5012**	6 Cyl.	STD
				Gould G383HCH Sleeve Assembly		3.18	3.66	126 RVT PC GI			
						3.18	3.66	126 RVT PC GI			
						4.75	1.27	860 FV CR			
						4.75	3.99	732 FV CR			
								501 1PCO PC GI			
		6		770 Gas & Diesel	88.90	3.18	3.96	362 BF 3CR GI	**2D7670**	6 Cyl.	STD
						3.18	3.66	126 RVT PC GI			
						3.18	3.66	126 RVT PC GI			
						4.75	4.24	553 CF CR GI			
								881 2PCO			
		6		248 Gas 1600	92.08	2.38	4.06	032 BF PC GI	**563**	6 Cyl.	STD
						2.38	4.09	126 RVT PC GI	**563020**		0.50
						4.75	1.27	860 FV CR	**563030**		0.75
								732 FV CR			
								362 BF 3CR GI	**2C563**		STD
								126 RVT PC GI			
								860 FV CR			
								732 FV CR			
		4		DD198 Diesel Hercules 550	92.08	2.25	4.06	032 BF PC GI	**7581**	4 Cyl.	STD
				550 Gas; 660 Gas & Diesel		2.25	4.09	126 RVT PC GI			
						2.25	4.09	126 RVT PC GI			
						4.75	4.62	860 FV CR			
								732 FV CR			
								362 BF 3CR GI	**2D7581**	4 Cyl.	STD
								126 RVT PC GI			
								126 RVT PC GI			
								553 CF CR GI			
								881 2PCO			
		6		Buda 6B273 Gas 50 4 Ring Piston	95.25	3.18	3.91	362 BF 3CR GI	**2D5028**	6 Cyl.	STD
				880 Gas & Diesel; 1600 Diesel		3.18	3.94	126 RVT PC GI			
						3.18	3.94	126 RVT PC GI			
						4.75	4.45	553 CF CR GI			
								881 2PCO			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
COCKSHUTT											
		6		DD298 Diesel Hercules 570	95.25	3.00	4.17	372 FKST CR DI	**2C6279**	6 Cyl.	STD
						2.25	4.50	126 RVT PC GI			
						2.25	4.50	126 RVT PC GI			
						4.75	2.57	501 1PCO PC GI			
						4.75	4.19	825 2PCO			
								501 1PCO PC GI			
				GO198 Gas Hercules 550	95.25	2.25	4.47	363 BF CR GI	**2C6581**	1 Cyl.	STD
				GO298 Gas Hercules 57		3.18	3.94	126 RVT PC GI			
						4.75	1.27	860 FV CR			
						4.75	4.19	732 FV CR			
								501 1PCO PC GI			
1800		6		Diesel	98.43	2.25	4.62	363 BF CR GI	**2D7703**	6 Cyl.	STD
						2.25	3.99	126 RVT PC GI			
						2.25	3.99	126 RVT PC GI			
						4.75	4.45	553 CF CR GI			
								881 2PCO			
				D339 Hercules 570 Super	101.60	3.00	4.78	372 FKST CR DI	**2C6294**	1 Cyl.	STD
						2.25	4.80	126 RVT PC GI			
						2.25	4.80	126 RVT PC GI			
						4.75	2.64	501 1PCO PC GI			
						4.75	4.37	825 2PCO			
								501 1PCO PC GI			
CONTINENTAL											
N62, N4062		4		Continental Engine	60.33	2.38	2.79	032 BF PC GI	**5671**	4 Cyl.	STD
						2.38	2.82	126 RVT PC GI			
						4.75	1.27	870 FV CR			
								732 FV CR			
								362 BF 3CR GI	**2C5671**		STD
								126 RVT PC GI	**2C5671030**		0.75
								870 FV CR			
								732 FV CR			
		4		AU10, AU10R, Y69A	66.68	2.25	3.35	102 T PC GI	**7859**	4 Cyl.	STD
						2.25	3.15	126 RVT PC GI			
						4.75	1.27	871 FV CR			
								732 FV CR			
								362 BF 3CR GI	**2C7859**		STD
								126 RVT PC GI	**2C7859020**		0.50
								871 FV CR	**2C7859030**		0.75
								732 FV CR	**2C7859040**		1.00
		6		F186, F6186	76.20	3.18	3.45	032 BF PC GI	**4182**	6 Cyl.	STD
						3.18	3.48	126 RVT PC GI			
						3.18	3.48	126 RVT PC GI			
						6.00	4.39	860 FV CR			
								732 FV CR			
		4		C4113, F124, F4124, LF124, PF124	76.20	3.18	3.45	032 BF PC GI	**727**	4 Cyl.	STD
						3.18	3.48	126 RVT PC GI			
						3.18	3.48	126 RVT PC GI			
						6.00	4.39	860 FV CR			
								732 FV CR			
								362 BF 3CR GI	**2C727**		STD
								126 RVT PC GI			
								126 RVT PC GI			
								860 FV CR			
								732 FV CR			
		4		F124, F4124, LF124, PF124	76.20	3.18	3.45	362 BF 3CR GI	**2C7758**	4 Cyl.	STD
						3.18	3.48	126 RVT PC GI			
						3.18	3.48	126 RVT PC GI			
						4.75	1.27	871 FV CR			
								732 FV CR			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
CONTINENTAL											
		6		FS218	82.55	2.38	3.89	032 BF PC GI	**144**	6 Cyl.	STD
						2.25	3.91	126 RVT PC GI	**144040**		1.00
						4.00	4.39	860 FV CR	**144060**		1.50
						4.00	3.91	732 FV CR			
								501 1PCO PC GI			
								362 BF 3CR GI	**2C144**		STD
								126 RVT PC GI			
								860 FV CR			
								732 FV CR			
								501 1PCO PC GI			
		4		Z129, ZA129	82.55	3.18	3.89	362 BF 3CR GI	**2C7789**	4 Cyl.	STD
						3.18	3.78	126 RVT PC GI			
						3.18	3.78	126 RVT PC GI			
						4.75	4.39	860 FV CR			
								732 FV CR			
		6		F226, F6226, F06226 Checker Cab	84.14	2.38	3.99	032 BF PC GI	**4233**	6 Cyl.	STD
						2.38	4.01	126 RVT PC GI	**4233040**		1.00
						4.00	4.39	860 FV CR			
						4.00	4.01	732 FV CR			
								501 1PCO PC GI			
								901 GL			
		6		F226, F227 Cont. Piston #F227A4061E	84.14	2.00	3.99	032 BF PC GI	**6912**	6 Cyl.	STD
						2.25	4.01	126 RVT PC GI			
						2.25	4.01	126 RVT PC GI			
						6.00	4.39	860 FV CR			
								732 FV CR			
		4		Z134	84.14	3.18	3.81	362 BF 3CR GI	**2C7578**	4 Cyl.	STD
						3.18	3.84	126 RVT PC GI			
						3.18	3.84	126 RVT PC GI			
						4.75	4.39	860 FV CR			
								732 FV CR			
		4		Z134 Increase Bore	85.73	2.25	4.04	362 BF 3CR GI	**2C7207**	4 Cyl.	STD
						3.18	3.89	126 RVT PC GI			
						3.18	3.89	126 RVT PC GI			
						6.00	4.39	860 FV CR			
								732 FV CR			
		4		G157 Al Piston	85.73	3.18	4.04	362 BF 3CR GI	**2D7536**	4 Cyl.	STD
				GD157		3.18	3.89	126 RVT PC GI			
						3.18	3.89	126 RVT PC GI			
						6.35	4.32	553 CF CR GI			
								881 2PCO			
		4		Z129, Z134 Increase Bore	85.73	2.25	4.04	362 BF 3CR GI	**2C7671**	4 Cyl.	STD
						2.25	4.06	126 RVT PC GI			
						2.25	4.06	126 RVT PC GI			
						4.75	1.27	860 FV CR			
								732 FV CR			
C143, C400, C4143, G157		4		4 Ring Piston CI Piston< 7-145 Aluminum Piston	85.73	3.18	4.04	362 BF 3CR GI	**2C7762**	4 Cyl.	STD
Z145, Z134		4		Increase Bore Set		3.18	3.89	126 RVT PC GI			
						3.18	3.89	126 RVT PC GI			
						4.75	1.27	860 FV CR			
								732 FV CR			
		6		A415, S244	87.31	2.38	3.61	032 BF PC GI	**445**	6 Cyl.	STD
						2.38	4.14	126 RVT PC GI			
						4.00	4.50	860 FV CR			
						4.00	4.14	732 FV CR			
								501 1PCO PC GI			
								362 BF 3CR GI	**2C445**		STD
								126 RVT PC GI			
								860 FV CR			
								732 FV CR			
								501 1PCO PC GI			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
CONTINENTAL											
		4		F162, F4162, LF162, PF162	87.31	3.18	4.11	032 BF PC GI	**5063**	4 Cyl.	STD
						3.18	3.94	126 RVT PC GI	**5063060**		1.50
						3.18	3.94	126 RVT PC GI			
						4.75	4.50	860 FV CR			
								732 FV CR			
								362 BF 3CR GI	**2C5063**		STD
								126 RVT PC GI			
								126 RVT PC GI			
								860 FV CR			
								732 FV CR			
		6		25B, A6244, F162 Late 4 Ring Piston	87.31	2.38	3.61	032 BF PC GI	**5668**	6 Cyl.	STD
						2.38	4.14	126 RVT PC GI	**5668020**		0.50
						2.38	4.14	126 RVT PC GI	**5668040**		1.00
						6.00	4.50	860 FV CR	**5668060**		1.50
								732 FV CR			
								362 BF 3CR GI	**2C5668**		STD
								126 RVT PC GI			
								126 RVT PC GI			
								860 FV CR			
								732 FV CR			
		4		F162, F4162, F4162A, LF162, PF162	87.31	2.38	3.61	032 BF PC GI	**5669**	4 Cyl.	STD
						2.38	4.14	126 RVT PC GI	**5669020**		0.50
						2.38	4.14	126 RVT PC GI	**5669040**		1.00
						6.00	4.50	860 FV CR	**5669060**		1.50
								732 FV CR			
								362 BF 3CR GI	**2C5669**		STD
								126 RVT PC GI			
								126 RVT PC GI			
								860 FV CR			
								732 FV CR			
		4		F163 Also Fits Service Piston for F162	87.31	2.00	4.11	032 BF PC GI	**6677**	4 Cyl.	STD
						2.38	4.14	126 RVT PC GI	**6677020**		0.50
						2.38	4.14	126 RVT PC GI	**6677030**		0.75
						6.00	4.50	860 FV CR	**6677060**		1.50
								732 FV CR			
								362 BF 3CR GI	**2C6677**		STD
								126 RVT PC GI	**2C6677030**		0.75
								126 RVT PC GI	**2C6677040**		1.00
								860 FV CR			
								732 FV CR			
								327 BF PM GI	**2M6677**		STD
								126 RVT PC GI	**2M6677040**		1.00
								126 RVT PC GI			
								860 FV CR			
								732 FV CR			
		6		F245 Also Fits Service Piston for F244	87.31	2.00	4.11	032 BF PC GI	**6678**	6 Cyl.	STD
						2.38	4.14	126 RVT PC GI	**6678020**		0.50
						2.38	4.14	126 RVT PC GI	**6678030**		0.75
						6.00	4.50	860 FV CR	**6678060**		1.50
								732 FV CR			
								362 BF 3CR GI	**2C6678**		STD
								126 RVT PC GI	**2C6678030**		0.75
								126 RVT PC GI	**2C6678040**		1.00
								860 FV CR			
								732 FV CR			
M6253, 39B		6			88.90	3.18	3.96	362 BF 3CR GI	**2C5012**	6 Cyl.	STD
						3.18	3.66	126 RVT PC GI			
						3.18	3.66	126 RVT PC GI			
						4.75	1.27	860 FV CR			
						4.75	3.99	732 FV CR			
								501 1PCO PC GI			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
CONTINENTAL											
K6252		6			88.90	3.18	3.96	362 BF 3CR GI	**2D7670**	6 Cyl.	STD
						3.18	3.66	126 RVT PC GI			
						3.18	3.66	126 RVT PC GI			
						4.75	4.24	553 CF CR GI			
								881 2PCO			
		4		G176	90.88	3.18	4.27	362 BF 3CR GI	**2C7929**	4 Cyl.	STD
						3.18	4.04	126 RVT PC GI			
						3.18	4.04	126 RVT PC GI			
						6.00	4.75	860 FV CR			
								732 FV CR			
				TM13, 20, 27 Litre LP or Natural Gas	91.00	2.00	4.32	363 BF CR GI	**2C5659**	1 Cyl.	STD
						2.00	3.68	126 RVT PC GI	**2C5659020**		0.50
						4.00	4.88	860 FV CR	**2C5659030**		0.75
								732 FV CR	**2C5659040**		1.00
				TMD13, 20, 27 Litre Diesel	91.00	2.50	3.81	376 BF CR DI	**2D5661**	1 Cyl.	STD
						2.00	3.68	126 RVT PC GI	**2C5661020**		0.50
						4.00	4.19	553 CF CR GI	**2C5661030**		0.75
								881 2PCO			
		4		E201 Increase Bore - M & W Assembly SP39 *	95.25	3.18	4.17	362 BF 3CR GI	**2D4611**	4 Cyl.	STD
				GD193		3.18	3.94	126 RVT PC GI			
						3.18	3.94	126 RVT PC GI			
						6.35	4.85	553 CF CR GI			
								881 2PCO			
		6		K6290	95.25	3.18	3.91	362 BF 3CR GI	**2D5028**	6 Cyl.	STD
						3.18	3.94	126 RVT PC GI			
						3.18	3.94	126 RVT PC GI			
						4.75	4.45	553 CF CR GI			
								881 2PCO			
		4		G193, G4193, GD193A Special Note: .024 Spacer packed with set for .121 Top groove.	95.25	2.25	4.47	032 BF PC GI	**6361**	4 Cyl.	STD
						3.18	3.94	126 RVT PC GI			
						3.18	3.94	126 RVT PC GI			
						6.00	4.88	860 FV CR			
								732 FV CR			
								716 FV			
								362 BF 3CR GI	**2C6361**		STD
								126 RVT PC GI			
								126 RVT PC GI			
								860 FV CR			
								732 FV CR			
								716 FV			
		4		G193 Cont. Piston #G193A3601, Zollner Piston 5092B	95.25	2.00	4.47	362 BF 3CR GI	**2C7004**	4 Cyl.	STD
						2.25	4.50	126 RVT PC GI	**2C7004030**		0.75
						2.25	4.50	126 RVT PC GI			
						4.75	1.27	860 FV CR			
								732 FV CR			
		4		J4	95.25	4.75	3.91	362 BF 3CR GI	**2C712**	4 Cyl.	STD
						4.75	3.94	126 RVT PC GI			
						4.75	3.94	126 RVT PC GI			
						4.75	1.27	871 FV CR			
								732 FV CR			
		6		38B, M290, M6290, PM290 4 Ring Piston	95.25	3.18	4.17	362 BF 3CR GI	**2C7747**	6 Cyl.	STD
						3.18	3.94	126 RVT PC GI			
						3.18	3.94	126 RVT PC GI			
						6.00	4.88	860 FV CR			
								732 FV CR			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
CONTINENTAL											
		4		G206 Special Note: .024 Spacer packed with set for .121 Top groove.	96.84	2.25	4.55	363 BF CR GI	**2C7186**	4 Cyl.	STD
				E223		3.18	4.24	126 RVT PC GI			
				ED223 Special Note: .024 Spacer packed with Set for .121 Top Groove		3.18	4.24	126 RVT PC GI			
						6.00	4.88	860 FV CR			
								732 FV CR			
								716 FV			
		4		E242, EE242-10	98.43	2.25	4.62	362 BF 3CR GI	**2C7107**	4 Cyl.	STD
						3.18	4.32	126 RVT PC GI			
						3.18	4.32	126 RVT PC GI			
						6.00	4.88	860 FV CR			
								732 FV CR			
								716 FV			
		4		H260	98.43	3.18	4.29	363 BF CR GI	**2C7759**	4 Cyl.	STD
						3.18	4.32	126 RVT PC GI			
						3.18	4.32	126 RVT PC GI			
						6.00	4.88	860 FV CR			
								732 FV CR			
		8		327	101.60	2.00	4.78	032 BF PC GI	**139**	8 Cyl.	STD
						2.00	4.80	126 RVT PC GI	**139010**		0.25
						4.75	4.88	860 FV CR	**139020**		0.50
								732 FV CR	**139030**		0.75
									139040		1.00
									139060		1.50
									139070		1.75
									139080		2.00
									139100		2.50
								362 BF 3CR GI	**2C139**		STD
								126 RVT PC GI	**2C139010**		0.25
								860 FV CR	**2C139020**		0.50
								732 FV CR	**2C139030**		0.75
									2C139040		1.00
									2C139060		1.50
									2C139070		1.75
									2C139080		2.00
								397 BF PM S	**2M139**		STD
								126 RVT PC GI	**2M139005**		0.13
								860 FV CR	**2M139010**		0.25
								732 FV CR	**2M139020**		0.50
									2M139030		0.75
									2M139040		1.00
									2M139060		1.50
									2M139070		1.75
									2M139080		2.00
									2M139100		2.50
		6		40B, K6330, M330, M6330, PM330 Zollner Piston #514 Zollner Piston #514, 302 Series	101.60	3.18	4.39	363 BF CR GI	**2C5033**	6 Cyl.	STD
						3.18	4.11	126 RVT PC GI			
						3.18	4.11	126 RVT PC GI			
						4.75	4.88	860 FV CR			
						4.75	4.37	732 FV CR			
								501 1PCO PC GI			
		4		HD277	101.60	2.50	4.78	363 BF CR GI	**2C7116**	4 Cyl.	STD
				HD277		3.18	4.11	126 RVT PC GI			
						3.18	4.11	126 RVT PC GI			
						6.35	2.59	501 1PCO PC GI			
						4.75	4.37	825 2PCO			
								501 1PCO PC GI			
		4		H260 overbore using Piston A1103P	101.60	2.25	4.78	362 BF 3CR GI	**2C7638**	4 Cyl.	STD
						3.18	4.11	126 RVT PC GI			
						3.18	4.11	126 RVT PC GI			
						6.00	4.88	860 FV CR			
						6.35	4.24	732 FV CR			
								501 1PCO PC GI			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
CONTINENTAL											
		6		40B, M330, M62330, M6330, PM330	101.60	3.18	4.39	362 BF 3CR GI	**2C7761**	6 Cyl.	STD
						3.18	4.11	126 RVT PC GI			
						3.18	4.11	126 RVT PC GI			
						6.00	4.88	860 FV CR			
								732 FV CR			
CONTINENTAL EMSCO											
		4		JD382 5 Ring Piston	114.30	3.18	5.36	362 BF 3CR GI	**2C7778**	4 Cyl.	STD
						3.18	4.85	126 RVT PC GI			
						3.18	4.85	501 1PCO PC GI			
						6.35	2.90	825 2PCO			
						4.75	4.85	501 1PCO PC GI			
				C66, CE66 5 Ring Piston	146.05	6.35	5.87	102 T PC GI	**6385**	1 Cyl.	STD
						6.35	5.89	102 T PC GI			
						6.35	5.89	401 SCRP PC GI			
						6.35	3.40	501 1PCO PC GI			
						6.35	5.89	825 2PCO			
								501 1PCO PC GI			
								362 BF 3CR GI	**2C6385**		STD
								102 T PC GI			
								102 T PC GI			
								435 SCRP PC GI			
								501 1PCO PC GI			
								825 2PCO			
CORD											
164 cu. in.		6	1965-66	Corvair	87.31	1.60	3.91	032 BF PC GI	**669**	6 Cyl.	STD
						1.60	3.94	126 RVT PC GI	**669020**		0.50
						3.00	4.50	860 FV CR	**669030**		0.75
								732 FV CR	**669040**		1.00
									669060		1.50
								362 BF 3CR GI	**2C669**		STD
								126 RVT PC GI	**2C669020**		0.50
								860 FV CR	**2C669030**		0.75
								732 FV CR	**2C669040**		1.00
									2C669060		1.50
								327 BF PM GI	**2M669**		STD
								126 RVT PC GI	**2M669020**		0.50
								860 FV CR	**2M669030**		0.75
								732 FV CR	**2M669040**		1.00
									2M669060		1.50
CUMMINS											
				Compressor 12 cu. ft.	87.31	2.38	3.61	032 BF PC GI	**6588**	1 Cyl.	STD
						2.38	4.14	126 RVT PC GI			
						4.75	1.27	860 FV CR			
								732 FV CR			
								362 BF 3CR GI	**2C6588**		STD
								126 RVT PC GI			
								860 FV CR			
								732 FV CR			
				Compressor 13.2 cu. ft.	92.08	3.18	3.84	126 RVT PC GI	**5838**	1 Cyl.	STD
						3.18	3.86	126 RVT PC GI	**5838010**		0.25
						4.75	4.62	860 FV CR			
								732 FV CR			
								362 BF 3CR GI	**2C5838**		STD
								126 RVT PC GI			
								860 FV CR			
								732 FV CR			
		6		6B & 6BT Turbo diesel 12 valve 5.9 Litre Standard Size OE Ref. #3802421 sups #3802230	102.00	3.00	4.29	208 FKST CC DI	**2D4914**	6 Cyl.	STD
						2.25	4.42	135 T PC GI	**2D491450**		0.50
						4.00	3.66	553 CF CR GI	**2D491475**		0.75
								881 2PCO	**2D4914100**		1.00

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
CUMMINS											
		4		B Series, 239cu.in. 4T-390 Turbo Diesel	102.00	3.00	4.29	208 FKST CC DI	**2C4936**	4 Cyl.	STD
						2.35 4.00	4.42 3.66	135 T PC GI 553 CF CR GI 881 2PCO			
		6		6BTA 359cu.in Turbo Diesel Intercooled 24V Standard Size OE Ref#3804990/4089258	102.00	3.00	4.29	208 FKST CC DI	**2D7276**	6 Cyl.	STD
						2.39 4.00	4.37 3.66	129 T PC 553 CF CR GI 881 2PCO	**2D7276100** **2D727650**		1.00 0.50
				4B & 4BT 239cu.in. Turbo Diesel Standard Size OE Ref. #3802750	102.00	3.00	4.40	208 FKST CC DI	**2D7484**	1 Cyl.	STD
						3.00 4.00	4.42 4.32	170 FKST PC GI 553 CF CR GI 881 2PCO	**2D7484020** **2D7484040**		0.50 1.00
				B Series, 359cu.in. Non Turbo, 12value Naturally Aspirated Standard Size OE Ref.#3802040	102.00	2.40	4.45	208 FKST CC DI	**2D7518**	1 Cyl.	STD
						2.35 4.00	4.45 4.40	135 T PC GI 553 CF CR GI 881 2PCO	**2D7518020** **2D7518040**		0.50 1.00
		6		J, JF, JN, JS, JT Series	104.78	3.00	4.50	372 FKST CR DI	**2C6016**	6 Cyl.	STD
				J, J6 95, 100 H.P. JF, JF6 105, 110 H.P.; JN, JN6 125, 130 H.P.; JNS, * JNS6 165, 175 H.P.; JS, JS6 150, 160 H.P.; JS600 JT, JT6, JT10, JT15, JT20 175 H.P. 38JT		3.00 3.00 4.75	4.52 4.52 5.56	170 FKST PC GI 170 FKST PC GI 565 CF CR GI 881 2PCO			
408cu. in.		6		ETJ Turbo Diesel Intercolled 24V Standard Size OE Ref. #4955366	107.00	2.87	4.42	224 FKST PM DI	**2M5872**	6 Cyl.	STD
						2.50 3.46	4.57 4.00	126 RVT PC GI 553 CF CR GI 881 2PCO	**2M5872100** **2M587250**		1.00 0.50
		6		HR, HR6 165, 175 H.P.; HR600, HRB1600, HRF, * HRF6, IRB600 180 H.P.; HRF20, HRF6-20 180, 190 H.P.; HRS, HRS6 225, 240 H.P.	130.18	4.00	5.23	381 FKST CR DI	**2C6500**	6 Cyl.	STD
				HT6, NH, NH10, NH20 200 H.P.; NFT, NFT6 H.P.; NH220 220 H.P.; NH600 NHBS600 275 H.P.; NHE180 180 H.P.; NHE195 * 195 H.P.; NHHS, NHHRS, NHR; NHRS, NHRS6 300, 320 H.P.; NHS, NHS6 275, 290 H.P. NHS600, NRT, NRT6, NRT20 300 H.P.; NRTO, * NRTO6 335, 375 H.P.; NT, NT6, NT20 250 H.P. NTO, NTO6 26 H.P. NVH, NVH12 400, 450 H.P.; NVS , VT, VT12 600 H.P.		4.00 4.00 6.35	5.21 5.21 5.77	180 FKST PC GI 180 FKST PC GI 579 CF KST CR GI 881 2PCO			
CUSHMAN											
				780 Series 1 Cyl. 9 H.P.; M100 2 Cyl. 18 H.P.	88.90	2.25	4.19	032 BF PC GI	**6427**	1 Cyl.	STD
						2.25 4.75	3.66 3.99	126 RVT PC GI 501 1PCO PC GI			
				R20, 3RB20 3 H.P.; 3R20 - 2 1/2 H.P.	88.90	4.75	3.96	102 T PC GI	**6647**	1 Cyl.	STD
						4.75 4.75	3.99 3.99	102 T PC GI 501 1PCO PC GI			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
DAE WOO RACER											
F8C	796	4	2003-On	796cc F8C, Matiz, SOHC Pontiac Eng	68.50	1.20	2.92	398 BF CR S	**2C4522**	4 Cyl.	STD
						1.20	3.28	126 RVT PC GI	**2C4522100**		1.00
						2.50	2.79	995 FV CR	**2C452250**		0.50
								732 FV CR	**2C452275**		0.75
	600		1999-On	F6B Matiz, Tico Suzuki	68.50	1.20	2.92	398 BF CR S	**2C5039**	3 Cyl.	STD
	800		1999-02	F8C, F8CV Damas, Mitiz, Tico Suzuki		1.50	2.62	126 RVT PC GI	**2C5039010**		0.25
						2.80	3.30	859 FV CR	**2C5039020**		0.50
								732 FV CR	**2C5039030**		0.75
									2C5039040		1.00
	995		2003-On	Matiz, SOHC Pontiac Eng	68.50	1.20	2.92	398 BF CR S	**2C5273**	1 Cyl.	STD
						1.20	3.28	126 RVT PC GI	**2C5273010**		0.25
						2.50	2.79	995 FV CR	**2C5273020**		0.50
								732 FV CR	**2C5273030**		0.75
									2C5273040		1.00
									2C5273060		1.50
G15	1498	4	1988-On	G15 SF	76.50	1.50	3.45	032 BF PC GI	**4819**	4 Cyl.	STD
						1.50	3.23	401 SCRP PC GI	**4819010**		0.25
			1988-On			3.00	3.56	054 FV CR	**4819020**		0.50
								732 FV CR	**4819030**		0.75
									4819040		1.00
									2C4819		1.00
									2C4819010		0.25
									2C4819020		0.50
									2C4819030		0.75
									2C4819040		1.00
	1378	4			76.50	1.20	2.92	398 BF CR S	**2C5177**	4 Cyl.	STD
						1.50	3.23	401 SCRP PC GI	**2C5177010**		0.25
						2.50	2.79	995 FV CR	**2C5177020**		0.50
								732 FV CR	**2C5177030**		0.75
DAIHATSU											
	843			843cc Charade CD	70.00	1.50	3.25	032 BF PC GI	**6163**	3 Cyl.	STD
						1.50	2.95	126 RVT PC GI			
						2.80	1.14	859 FV CR			
								732 FV CR			
								362 BF 3CR GI	**2C6163**		STD
	843							126 RVT PC GI	**2C6163010**		0.25
								859 FV CR	**2C6163020**		0.50
								732 FV CR	**2C6163030**		0.75
	1298	4	2005-08	K3-VE DOHC Sirion, Terios (Toyota)	72.00	1.20	2.92	398 BF CR S	**2C5266**	4 Cyl.	STD
						1.20	3.10	126 RVT PC GI	**2C5266016**		0.41
						2.00	2.67	990 FV CR	**2C5266020**		0.50
								732 FV CR	**2C5266024**		0.61
									2C5266030		0.75
									2C5266040		1.00
	993			993cc Charade CB10, CB32, CB90, G10	76.00	1.50	2.95	032 BF PC GI	**4459**	3 Cyl.	STD
						1.50	3.23	435 SCRP PC GI	**4459020**		0.50
						2.80	3.30	861 FV CR	**4459030**		0.75
								732 FV CR	**4459040**		1.00
								362 BF 3CR GI	**2C4459**		STD
								435 SCRP PC GI	**2C4459010**		0.25
								861 FV CR	**2C4459020**		0.50
								732 FV CR	**2C4459030**		0.75
									2C4459040		1.00
	1589	4		HD, Applause	76.00	1.20	3.33	398 BF CR S	**2C4875**	4 Cyl.	STD
						1.50	3.48	126 RVT PC GI	**2C4875020**		0.50
						3.00	2.79	996 FV CR	**2C4875030**		0.75
								732 FV CR			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
DAIHATSU											
	544			544cc EK23 Fuji	76.00	1.50	3.45	032 BF PC GI	**6153**	2 Cyl.	STD
						1.50	3.48	126 RVT PC GI	**6153010**		0.25
						2.80	3.30	861 FV CR	**6153020**		0.50
								732 FV CR	**6153030**		0.75
									6153040		1.00
								362 BF 3CR GI	**2C6153**		STD
								126 RVT PC GI	**2C6153010**		0.25
								861 FV CR	**2C6153020**		0.50
								732 FV CR	**2C6153030**		0.75
									2C6153040		1.00
	2530	4		Diesel DG, Delta, F50, Taft, V20, V23, 24, 25, 26	88.00	2.50	4.14	376 BF CR DI	**2D4380**	4 Cyl.	STD
						2.00	3.96	126 RVT PC GI	**2D4380030**		0.75
						4.00	4.04	553 CF CR GI	**2D4380060**		1.50
								881 2PCO			
DAVID BROWN-ALSO SEE CASE											
				Super Cropmaster, Taskmaster, DB, Trackmaster	92.08	3.18	3.84	126 RVT PC GI	**5838**	1 Cyl.	STD
						3.18	3.86	126 RVT PC GI	**5838010**		0.25
						4.75	4.62	860 FV CR			
								732 FV CR			
								362 BF 3CR GI	**2C5838**		STD
								126 RVT PC GI			
								860 FV CR			
								732 FV CR			
		4		770, 780, 880, 900, 950, 990 Diesel	92.08	2.25	4.06	032 BF PC GI	**7663**	4 Cyl.	STD
						2.25	4.09	126 RVT PC GI			
						2.25	4.09	126 RVT PC GI			
						4.75	1.27	860 FV CR			
								732 FV CR			
DE LOREAN											
		6	1981-On	DMC-12	91.00	1.50	4.04	032 BF PC GI	**5691**	6 Cyl.	STD
						2.00	3.68	126 RVT PC GI	**5691020**		0.50
						4.00	4.62	860 FV CR	**5691030**		0.75
								732 FV CR			
								362 BF 3CR GI	**2C5691**		STD
								126 RVT PC GI	**2C5691020**		0.50
								860 FV CR	**2C5691030**		0.75
								732 FV CR			
DEARBORN											
		6		85, 100	88.90	2.00	4.19	032 BF PC GI	**582**	6 Cyl.	STD
						2.00	4.22	126 RVT PC GI	**582030**		0.75
						4.75	4.39	860 FV CR	**582040**		1.00
								732 FV CR	**582005**		0.13
									582060		1.50
								362 BF 3CR GI	**2C582**		STD
								126 RVT PC GI	**2C582005**		0.13
								860 FV CR			
								732 FV CR			
								327 BF PM GI	**2M582**		STD
								126 RVT PC GI	**2M582030**		0.75
								860 FV CR	**2M582040**		1.00
								732 FV CR	**2M582005**		0.13
		8		135, 145, 150, 160, 170	92.08	2.38	4.06	032 BF PC GI	**564**	8 Cyl.	STD
						2.38	4.09	126 RVT PC GI	**564020**		0.50
						4.75	1.27	860 FV CR	**564030**		0.75
								732 FV CR			
								362 BF 3CR GI	**2C564**		STD
								126 RVT PC GI			
								860 FV CR			
								732 FV CR			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
DEARBORN											
		8		175, 185	95.25	2.00	4.47	032 BF PC GI	**568**	8 Cyl.	STD
						2.00	4.50	126 RVT PC GI	**568010**		0.25
						4.75	1.27	860 FV CR	**568100**		2.50
								732 FV CR	**568020**		0.50
									568030		0.75
									568040		1.00
									568060		1.50
									568080		2.00
								363 BF CR GI	**2C568**		STD
								126 RVT PC GI	**2C568010**		0.25
								860 FV CR	**2C568020**		0.50
								732 FV CR	**2C568030**		0.75
									2C568040		1.00
									2C568060		1.50
								327 BF PM GI	**2M568**		STD
								126 RVT PC GI	**2M568010**		0.25
								860 FV CR	**2M568020**		0.50
								732 FV CR	**2M568030**		0.75
									2M568040		1.00
									2M568060		1.50
									2M568080		2.00
									2M568100		2.50
		8		215	96.52	2.00	3.71	032 BF PC GI	**571**	8 Cyl.	STD
						2.25	4.24	126 RVT PC GI	**571030**		0.75
						4.75	4.62	860 FV CR	**571040**		1.00
								732 FV CR	**571060**		1.50
								362 BF 3CR GI	**2C571**		STD
								126 RVT PC GI	**2C571030**		0.75
								860 FV CR	**2C571040**		1.00
								732 FV CR	**2C571060**		1.50
								327 BF PM GI	**2M571**		STD
								126 RVT PC GI	**2M571030**		0.75
								860 FV CR	**2M571040**		1.00
								732 FV CR	**2M571060**		1.50
		8		240, 260	102.87	2.00	4.85	032 BF PC GI	**574**	8 Cyl.	STD
						2.38	4.88	126 RVT PC GI	**574020**		0.50
						4.75	4.88	860 FV CR	**574030**		0.75
								732 FV CR	**574040**		1.00
									574060		1.50
								362 BF 3CR GI	**2C574**		STD
								126 RVT PC GI	**2C574010**		0.25
								860 FV CR	**2C574020**		0.50
								732 FV CR	**2C574030**		0.75
								345 T PM GI	**2M574**		STD
								126 RVT PC GI	**2M574020**		0.50
								860 FV CR	**2M574030**		0.75
								732 FV CR	**2M574040**		1.00
									2M574060		1.50
		8		275	109.22	2.00	5.13	032 BF PC GI	**576**	8 Cyl.	STD
						2.25	5.16	126 RVT PC GI	**576030**		0.75
						4.75	1.27	860 FV CR			
								732 FV CR			
DEUTZ-GERMAN											
				F4L912 4 Cyl.; F6L912 6 Cyl.	100.00	3.00	4.34	372 FKST CR DI	**2C7242**	2 Cyl.	STD
						2.50	4.37	126 RVT PC GI			
						2.50	4.37	126 RVT PC GI			
						5.00	5.31	553 CF CR GI			
								881 2PCO			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
DODGE TRUCKS											
		4	1979-80	98cu. in.	76.90	2.00	3.66	032 BF PC GI	**675**	4 Cyl.	STD
						2.00	3.68	126 RVT PC GI	**675010**		0.25
						4.00	3.94	056 FV CR	**675020**		0.50
								732 FV CR	**675030**		0.75
									675040		1.00
									675060		1.50
								362 BF 3CR GI	**2C675**		STD
								126 RVT PC GI	**2C675010**		0.25
								056 FV CR	**2C675020**		0.50
								732 FV CR	**2C675030**		0.75
									2C675040		1.00
230cu. in.		6	1941-60		82.55	2.38	3.89	032 BF PC GI	**144**	6 Cyl.	STD
						2.25	3.91	126 RVT PC GI	**144040**		1.00
						4.00	4.39	860 FV CR	**144060**		1.50
						4.00	3.91	732 FV CR			
								501 1PCO PC GI			
								362 BF 3CR GI	**2C144**		STD
								126 RVT PC GI			
								860 FV CR			
								732 FV CR			
								501 1PCO PC GI			
		6	1935-40	K, LF, TD, VD Series	82.55	3.18	3.89	032 BF PC GI	**441**	6 Cyl.	STD
						3.18	3.78	126 RVT PC GI			
						4.00	4.39	860 FV CR			
						4.00	3.91	732 FV CR			
								501 1PCO PC GI			
230cu. in.		6	1941	WC, WD Series	82.55	2.25	3.89	032 BF PC GI	**443**	6 Cyl.	STD
						3.18	3.78	126 RVT PC GI			
						4.00	4.39	860 FV CR			
						4.00	3.91	732 FV CR			
								501 1PCO PC GI			
122cu. in.		4	1979-82	D50	84.00	2.00	3.99	032 BF PC GI	**4247**	4 Cyl.	STD
						2.00	3.84	126 RVT PC GI	**4247020**		0.50
						4.00	3.43	058 FV CR	**4247030**		0.75
								732 FV CR	**4247040**		1.00
									4247060		1.50
								362 BF 3CR GI	**2C4247**		STD
								126 RVT PC GI	**2C4247010**		0.25
								058 FV CR	**2C4247020**		0.50
								732 FV CR	**2C4247030**		0.75
									2C4247040		1.00
									2C4247060		1.50
122cu. in.		4	1983-86	A	85.00	2.00	3.81	032 BF PC GI	**6171**	4 Cyl.	STD
						2.00	3.45	126 RVT PC GI	**6171020**		0.50
						4.00	3.43	058 FV CR	**6171030**		0.75
								732 FV CR	**6171040**		1.00
									6171060		1.50
								362 BF 3CR GI	**2C6171**		STD
								126 RVT PC GI	**2C6171020**		0.50
								058 FV CR	**2C6171030**		0.75
								732 FV CR	**2C6171040**		1.00
									2C6171060		1.50
122cu. in.		4	1987-89	A	85.00	1.50	3.43	032 BF PC GI	**6899**	4 Cyl.	STD
						1.50	3.43	126 RVT PC GI	**6899010**		0.25
						4.00	3.81	056 FV CR	**6899020**		0.50
								732 FV CR	**6899030**		0.75
									6899040		1.00
									6899060		1.50
								362 BF 3CR GI	**2C6899**		STD
								126 RVT PC GI	**2C6899010**		0.25
								056 FV CR	**2C6899020**		0.50
								732 FV CR	**2C6899030**		0.75
									2C6899040		1.00
									2C6899060		1.50
								327 BF PM GI	**2M6899**		STD
								126 RVT PC GI	**2M6899010**		0.25
								056 FV CR	**2M6899020**		0.50
								732 FV CR	**2M6899060**		1.50

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
DODGE TRUCKS											
170cu. in.		6	1961-69		86.36	2.00	4.09	032 BF PC GI	**687**	6 Cyl.	STD
198cu. in.			1970-73			2.00	4.11	126 RVT PC GI	**687020**		0.50
225cu. in.			1961-87			4.75	4.75	860 FV CR	**687030**		0.75
								732 FV CR	**687040**		1.00
									687060		1.50
								362 BF 3CR GI	**2C687**		STD
								126 RVT PC GI	**2C687020**		0.50
								860 FV CR	**2C687030**		0.75
								732 FV CR	**2C687040**		1.00
									2C687060		1.50
								327 BF PM GI	**2M687**		STD
								126 RVT PC GI	**2M687030**		0.75
								860 FV CR	**2M687040**		1.00
								732 FV CR	**2M687060**		1.50
146cu. in.		4	1990-93	G64B	86.50	1.50	3.45	032 BF PC GI	**4638**	4 Cyl.	STD
						1.50	3.45	126 RVT PC GI	**4638020**		0.50
						4.00	3.68	058 FV CR	**4638030**		0.75
								732 FV CR	**4638040**		1.00
									4638060		1.50
								362 BF 3CR GI	**2C4638**		STD
								126 RVT PC GI	**2C4638010**		0.25
								058 FV CR	**2C4638020**		0.50
								732 FV CR	**2C4638030**		0.75
									2C4638040		1.00
146cu. in.		4	1993-05	Mitsubishi RSD2, 4G64	86.50	1.20	3.33	398 BF CR S	**2C4780**	4 Cyl.	STD
						1.50	3.45	126 RVT PC GI	**2C4780020**		0.50
						2.80	2.79	997 FV CR	**2C4780030**		0.75
								732 FV CR	**2C4780040**		1.00
									2C4780060		1.50
146cu. in.		4	1993-96	Mitsubishi 4G64	86.50	1.20	3.33	398 BF CR S	**2C4783**	4 Cyl.	STD
						1.50	3.45	126 RVT PC GI	**2C4783010**		0.25
						3.00	2.54	997 FV CR	**2C4783020**		0.50
								732 FV CR	**2C4783030**		0.75
									2C4783040		1.00
									2C4783060		1.50
265 cu. in.		6	1942-54	239, 251 & Engs.	87.31	2.38	3.61	032 BF PC GI	**445**	6 Cyl.	STD
						2.38	4.14	126 RVT PC GI			
						4.00	4.50	860 FV CR			
						4.00	4.14	732 FV CR			
								501 1PCO PC GI			
								362 BF 3CR GI	**2C445**		STD
								126 RVT PC GI			
								860 FV CR			
								732 FV CR			
								501 1PCO PC GI			
241cu. in.		8	1954	C1J, C1JA, C1K, C1KA	87.31	2.00	4.11	032 BF PC GI	**627**	8 Cyl.	STD
						2.00	4.14	126 RVT PC GI			
						4.75	1.27	860 FV CR			
								732 FV CR			
265 cu. in.		6	1955-68	251 & Engs.	87.31	2.00	4.11	032 BF PC GI	**663**	6 Cyl.	STD
						2.00	4.14	126 RVT PC GI	**663030**		0.75
						4.75	1.27	860 FV CR			
								732 FV CR			
								362 BF 3CR GI	**2C663**		STD
								126 RVT PC GI	**2C663030**		0.75
								860 FV CR			
								732 FV CR			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
DODGE TRUCKS											
135cu. in.		4	1985-89	Shallow Oil Ring Groove	87.50	1.50	4.11	032 BF PC GI	**4222**	4 Cyl.	STD
153cu. in.			1986-95	Shallow Oil Ring Groove		1.50	3.28	126 RVT PC GI	**4222020**		0.50
						4.00	1.27	872 FV CR	**4222030**		0.75
								732 FV CR	**4222040**		1.00
									4222060		1.50
								362 BF 3CR GI	**2C4222**		STD
								126 RVT PC GI	**2C4222020**		0.50
								872 FV CR	**2C4222030**		0.75
								732 FV CR			
								335 T PM DI	**2M4222**		STD
								126 RVT PC GI	**2M4222010**		0.25
								872 FV CR	**2M4222020**		0.50
								732 FV CR	**2M4222030**		0.75
									2M4222040		1.00
									2M4222060		1.50
148cu. in.	2429	4	1998-05	Vin: B,R,X,1,3	87.50	1.20	3.53	398 BF CR S	**2C4948**	4 Cyl.	STD
						1.50	3.28	126 RVT PC GI	**2C4948010**		0.25
						3.00	3.81	872 FV CR	**2C4948020**		0.50
								732 FV CR	**2C4948030**		0.75
									2C4948040		1.00
135cu. in.		4	1981-85	Deep Oil Ring Groove	87.50	1.50	4.11	032 BF PC GI	**5652**	4 Cyl.	STD
						1.50	3.28	126 RVT PC GI	**5652010**		0.25
						4.00	4.24	056 FV CR	**5652020**		0.50
								732 FV CR	**5652030**		0.75
									5652040		1.00
									5652060		1.50
								363 BF CR GI	**2C5652**		STD
								126 RVT PC GI	**2C5652010**		0.25
								056 FV CR	**2C5652020**		0.50
								732 FV CR	**2C5652030**		0.75
									2C5652040		1.00
									2C5652060		1.50
								327 BF PM GI	**2M5652**		STD
								126 RVT PC GI	**2M5652010**		0.25
								056 FV CR	**2M5652020**		0.50
								732 FV CR	**2M5652030**		0.75
									2M5652040		1.00
									2M5652060		1.50
260cu. in.		8	1955-56	C3B8, C8, D8, F8, G8, H8 Series	90.49	2.00	4.01	032 BF PC GI	**630**	8 Cyl.	STD
						2.00	4.29	126 RVT PC GI	**630060**		1.50
						4.75	4.62	860 FV CR			
								732 FV CR			
181cu. in.	2972	6	1987-04	, Mitsubishi 6G72 Vin: H	91.10	1.50	4.04	032 BF PC GI	**4453**	6 Cyl.	STD
						1.50	4.06	126 RVT PC GI	**4453010**		0.25
						4.00	3.30	870 FV CR	**4453020**		0.50
								732 FV CR	**4453030**		0.75
									4453040		1.00
									4453060		1.50
								335 T PM DI	**2M4453**		STD
								126 RVT PC GI	**2M4453010**		0.25
								870 FV CR	**2M4453020**		0.50
								732 FV CR	**2M4453030**		0.75
									2M4453040		1.00
									2M4453060		1.50
181cu. in.	2972	6	1991-05	Vin: H, Dodge Stratus Mitsubishi 6G72	91.10	1.20	3.73	398 BF CR S	**2C4670**	6 Cyl.	STD
						1.50	4.06	126 RVT PC GI	**2C4670020**		0.50
						3.00	2.92	997 FV CR	**2C4670030**		0.75
								732 FV CR	**2C4670040**		1.00
									2C4670060		1.50

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
DODGE TRUCKS											
156cu. in.		4	1979-83	D50 Thru March 1983 2-2.0mm Comp.	91.10	2.00	3.71	032 BF PC GI	**5595**	4 Cyl.	STD
						2.00	3.99	126 RVT PC GI	**5595010**		0.25
						4.00	3.30	870 FV CR	**5595020**		0.50
								732 FV CR	**5595030**		0.75
									5595040		1.00
									5595060		1.50
								362 BF 3CR GI	**2C5595**		STD
								126 RVT PC GI	**2C5595010**		0.25
								870 FV CR	**2C5595020**		0.50
								732 FV CR	**2C5595030**		0.75
									2C5595040		1.00
									2C5595060		1.50
								327 BF PM GI	**2M5595**		STD
								126 RVT PC GI	**2M5595010**		0.25
								870 FV CR	**2M5595020**		0.50
								732 FV CR	**2M5595030**		0.75
									2M5595040		1.00
									2M5595060		1.50
143cu. in.		4	1983-86	Diesel	91.10	2.50	4.04	370 HKST 3CR GI	**2D5666**	4 Cyl.	STD
			1983-85	4D-55 Diesel D50		2.00	4.06	370 HKST 3CR GI	**2D566650**		0.50
						4.00	4.24	204 CF CR DI	**2D566675**		0.75
								881 2PCO	**2D5666100**		1.00
156cu. in.		4	1983-89	April 1983-89 2-1.5mm Comp.	91.10	1.50	3.58	032 BF PC GI	**5667**	4 Cyl.	STD
						1.50	4.06	126 RVT PC GI	**5667010**		0.25
						4.00	3.81	056 FV CR	**5667020**		0.50
								732 FV CR	**5667030**		0.75
									5667040		1.00
									5667060		1.50
								363 BF CR GI	**2C5667**		STD
								126 RVT PC GI	**2C5667010**		0.25
								056 FV CR	**2C5667020**		0.50
								732 FV CR	**2C5667030**		0.75
									2C5667040		1.00
									2C5667060		1.50
315 cu. in.		8	1955-59	270 & Engs.	92.08	2.00	4.32	032 BF PC GI	**633**	8 Cyl.	STD
273cu. in.			1964-67			2.00	4.34	126 RVT PC GI	**633010**		0.25
				Models w/Chry. C67		4.75	1.27	860 FV CR	**633020**		0.50
								732 FV CR	**633030**		0.75
									633040		1.00
									633060		1.50
								362 BF 3CR GI	**2C633**		STD
								126 RVT PC GI	**2C633020**		0.50
								860 FV CR	**2C633030**		0.75
								732 FV CR	**2C633040**		1.00
								327 BF PM GI	**2M633**		STD
								126 RVT PC GI	**2M633030**		0.75
								860 FV CR	**2M633040**		1.00
								732 FV CR	**2M633060**		1.50
201cu. in.	3300	6	1988-97		93.00	1.50	3.48	032 BF PC GI	**4636**	6 Cyl.	STD
226cu. in.			1999-11	Vin: K		1.50	3.78	126 RVT PC GI	**4636020**		0.50
						3.00	3.94	872 FV CR	**4636030**		0.75
								732 FV CR	**4636040**		1.00
									4636060		1.50
								327 BF PM GI	**2M4636**		STD
								126 RVT PC GI	**2M4636010**		0.25
								872 FV CR	**2M4636020**		0.50
								732 FV CR	**2M4636030**		0.75
									2M4636040		1.00
									2M4636060		1.50

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
DODGE TRUCKS											
287cu. in.		8	1999-07	Vin: N	93.00	1.50	3.48	032 BF PC GI	**4790**	8 Cyl.	STD
						1.50	3.78	126 RVT PC GI	**4790010**		0.25
						3.00	3.94	872 FV CR	**4790020**		0.50
								732 FV CR	**4790030**		0.75
									4790040		1.00
								335 T PM DI	**2M4790**		STD
								126 RVT PC GI	**2M4790010**		0.25
								872 FV CR	**2M4790020**		0.50
								732 FV CR	**2M4790030**		0.75
									2M4790040		1.00
201cu. in.		6	1998-09	Vin: G,R,3 Caravan	93.00	1.50	3.45	335 T PM DI	**2M5014**	6 Cyl.	STD
						1.50	3.78	126 RVT PC GI	**2M5014020**		0.50
						3.00	3.81	872 FV CR	**2M5014030**		0.75
								732 FV CR	**2M5014040**		1.00
									2M5014060		1.50
285cu. in.		8	2008-13	Vin: P (flex fuel) Dakota, Ram	93.00	1.20	3.61	397 BF PM S	**2M5165**	8 Cyl.	STD
						1.50	3.78	126 RVT PC GI	**2M5165010**		0.25
						2.50	2.79	995 FV CR	**2M5165020**		0.50
								732 FV CR	**2M5165030**		0.75
									2M5165040		1.00
220cu. in.		6	2011-13	Vin: G, ERB 3.6 Litre Flexfuel, Avenger, Caravan, Durango, Journey	96.00	1.20	3.12	398 BF CR S	**2C4550**	6 Cyl.	STD
						1.20	3.81	610 RVT PC GI	**2C4550020**		0.50
						2.00	2.92	991 FV CR	**2C4550030**		0.75
								005 FV CR	**2C4550040**		1.00
214cu. in.		6	1993-94		96.00	1.50	3.94	032 BF PC GI	**4648**	6 Cyl.	STD
231cu. in.			1991-00			1.50	3.73	126 RVT PC GI	**4648010**		0.25
						3.00	3.81	872 FV CR	**4648020**		0.50
								732 FV CR	**4648030**		0.75
									4648040		1.00
									4648060		1.50
								327 BF PM GI	**2M4648**		STD
								126 RVT PC GI	**2M4648020**		0.50
								872 FV CR	**2M4648030**		0.75
								732 FV CR	**2M4648040**		1.00
									2M4648060		1.50
								322 BF GN SS	**2N4648**		STD
								126 RVT PC GI	**2N464850**		0.50
								672 FV GN			
								708 FV GN			
231cu. in.	3952	6	2001-10	Vin: L,P	96.00	1.20	3.73	398 BF CR S	**2C4890**	6 Cyl.	STD
	3952		2007-11	241cu. in Vin: X Caravan, Nitro		1.50	3.73	126 RVT PC GI	**2C4890010**		0.25
						3.00	3.81	872 FV CR	**2C4890020**		0.50
								732 FV CR	**2C4890030**		0.75
									2C4890004		0.10
									2C4890040		1.00
									2C4890060		1.50
								397 BF PM S	**2M4890**		STD
								126 RVT PC GI	**2M4890010**		0.25
								872 FV CR	**2M4890020**		0.50
								732 FV CR	**2M4890030**		0.75
									2M4890040		1.00
153cu. in.		4	1996-02	L4 Vin: P	98.43	1.50	4.29	032 BF PC GI	**4925**	4 Cyl.	STD
						1.50	3.99	126 RVT PC GI	**4925020**		0.50
						4.00	3.94	056 FV CR	**4925030**		0.75
								732 FV CR	**4925040**		1.00
									4925060		1.50
								327 BF PM GI	**2M4925**		STD
								126 RVT PC GI	**2M4925020**		0.50
								056 FV CR	**2M4925030**		0.75
								732 FV CR	**2M4925040**		1.00
									2M4925060		1.50

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
DODGE TRUCKS											
313cu. in.		8	1958-65	Canada	98.43	2.00	4.62	032 BF PC GI	**660**	8 Cyl.	STD
						2.00	4.65	126 RVT PC GI	**660010**		0.25
						4.75	4.88	860 FV CR	**660020**		0.50
								732 FV CR	**660030**		0.75
									660040		1.00
									660060		1.50
									660080		2.00
								363 BF CR GI	**2C660**		STD
								126 RVT PC GI	**2C660010**		0.25
								860 FV CR	**2C660020**		0.50
								732 FV CR	**2C660030**		0.75
									2C660040		1.00
									2C660060		1.50
									2C660080		2.00
								327 BF PM GI	**2M660**		STD
								126 RVT PC GI	**2M660010**		0.25
								860 FV CR	**2M660020**		0.50
								732 FV CR	**2M660030**		0.75
									2M660040		1.00
									2M660060		1.50
									2M660080		2.00
318cu. in.		8	1959-93		99.31	2.00	4.67	032 BF PC GI	**148**	8 Cyl.	STD
						2.00	4.70	126 RVT PC GI	**148020**		0.50
						4.75	4.75	860 FV CR	**148030**		0.75
								732 FV CR	**148040**		1.00
									148060		1.50
								362 BF 3CR GI	**2C148**		STD
								126 RVT PC GI	**2C148010**		0.25
								860 FV CR	**2C148020**		0.50
								732 FV CR	**2C148030**		0.75
									2C148040		1.00
									2C148060		1.50
									2C148070		1.75
								327 BF PM GI	**2M148**		STD
								126 RVT PC GI	**2M148020**		0.50
								860 FV CR	**2M148030**		0.75
								732 FV CR	**2M148040**		1.00
									2M148060		1.50
318cu. in.		8	1991-03	Vin:T,Y Shallow Oil Ring Groove	99.31	2.00	4.67	032 BF PC GI	**4735**	8 Cyl.	STD
						2.00	4.70	126 RVT PC GI	**4735020**		0.50
						4.00	3.81	872 FV CR	**4735030**		0.75
								732 FV CR	**4735040**		1.00
									4735060		1.50
								363 BF CR GI	**2C4735**		STD
								126 RVT PC GI	**2C4735020**		0.50
								872 FV CR	**2C4735030**		0.75
								732 FV CR	**2C4735040**		1.00
									2C4735060		1.50
								327 BF PM GI	**2M4735**		STD
								126 RVT PC GI	**2M4735020**		0.50
								872 FV CR	**2M4735030**		0.75
								732 FV CR	**2M4735040**		1.00
									2M4735060		1.50
239cu. in.		6	1992-03	V6 Vin: X Shallow Oil Ring Groove	99.31	2.00	4.67	032 BF PC GI	**4760**	6 Cyl.	STD
						2.00	4.70	126 RVT PC GI	**4760020**		0.50
						4.00	3.81	872 FV CR	**4760030**		0.75
								732 FV CR	**4760040**		1.00
									4760060		1.50
								363 BF CR GI	**2C4760**		STD
								126 RVT PC GI	**2C4760020**		0.50
								872 FV CR	**2C4760030**		0.75
								732 FV CR	**2C4760040**		1.00
									2C4760060		1.50
								327 BF PM GI	**2M4760**		STD
								126 RVT PC GI	**2M4760020**		0.50
								872 FV CR	**2M4760030**		0.75
								732 FV CR	**2M4760040**		1.00
									2M4760060		1.50

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
DODGE TRUCKS											
239cu. in.		6	1987-91		99.31	2.00	4.67	032 BF PC GI	**5560**	6 Cyl.	STD
						2.00	4.70	126 RVT PC GI	**5560020**		0.50
						4.75	4.75	860 FV CR	**5560030**		0.75
								732 FV CR	**5560040**		1.00
									5560060		1.50
								362 BF 3CR GI	**2C5560**		STD
								126 RVT PC GI	**2C5560020**		0.50
								860 FV CR	**2C5560030**		0.75
								732 FV CR	**2C5560040**		1.00
									2C5560060		1.50
								327 BF PM GI	**2M5560**		STD
								126 RVT PC GI	**2M5560020**		0.50
								860 FV CR	**2M5560030**		0.75
								732 FV CR	**2M5560040**		1.00
									2M5560060		1.50
348cu. in.		8	2003-08	Vin: D,H,2 Hemi	99.50	1.50	3.96	032 BF PC GI	**5097**	8 Cyl.	STD
			2003-08			1.50	4.24	126 RVT PC GI	**5097010**		0.25
						3.00	2.79	997 FV CR	**5097020**		0.50
								732 FV CR	**5097030**		0.75
									5097040		1.00
								335 T PM DI	**2M5097**		STD
								126 RVT PC GI	**2M5097010**		0.25
								997 FV CR	**2M5097020**		0.50
								732 FV CR	**2M5097030**		0.75
									2M5097040		1.00
									2M5097060		1.50
EZC, EZH		8	2009-14	345cu. in. EZC, EZH, Hemi Vin: T Challenger, Charger, 300	99.50	1.20	3.61	397 BF PM S	**2M5141**	8 Cyl.	STD
						1.20	4.37	610 RVT PC GI	**2M5141004**		0.10
						2.00	2.92	989 FV CR	**2M5141020**		0.50
								732 FV CR	**2M5141030**		0.75
									2M5141040		1.00
354cu. in.		8	1957-59		100.01	2.00	4.34	032 BF PC GI	**636**	8 Cyl.	STD
						2.00	4.37	126 RVT PC GI	**636030**		0.75
						4.75	1.27	860 FV CR			
								732 FV CR			
360cu. in.		8	1972-94		101.60	2.00	4.78	032 BF PC GI	**139**	8 Cyl.	STD
						2.00	4.80	126 RVT PC GI	**139010**		0.25
						4.75	4.88	860 FV CR	**139020**		0.50
								732 FV CR	**139030**		0.75
									139040		1.00
									139060		1.50
									139070		1.75
									139080		2.00
									139100		2.50
								362 BF 3CR GI	**2C139**		STD
								126 RVT PC GI	**2C139010**		0.25
								860 FV CR	**2C139020**		0.50
								732 FV CR	**2C139030**		0.75
									2C139040		1.00
									2C139060		1.50
									2C139070		1.75
									2C139080		2.00
								397 BF PM S	**2M139**		STD
								126 RVT PC GI	**2M139005**		0.13
								860 FV CR	**2M139010**		0.25
								732 FV CR	**2M139020**		0.50
									2M139030		0.75
									2M139040		1.00
									2M139060		1.50
									2M139070		1.75
									2M139080		2.00
									2M139100		2.50

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
DODGE TRUCKS											
360cu. in.		8	1995-04	Vin: Z	101.60	1.50	3.96	032 BF PC GI	**4726**	8 Cyl.	STD
						1.50	4.37	126 RVT PC GI	**4726020**		0.50
						4.00	3.48	635 FV CR	**4726030**		0.75
								732 FV CR	**4726040**		1.00
									4726060		1.50
								335 T PM DI	**2M4726**		STD
								126 RVT PC GI	**2M4726005**		0.13
								635 FV CR	**2M4726010**		0.25
								732 FV CR	**2M4726020**		0.50
									2M4726030		0.75
									2M4726040		1.00
									2M4726060		1.50
488cu. in.		10	1994-03	Vin: W	101.60	1.50	3.86	335 T PM DI	**2M4785**	10 Cyl.	STD
						1.50	4.37	126 RVT PC GI	**2M4785020**		0.50
						4.00	3.81	872 FV CR	**2M4785030**		0.75
								732 FV CR	**2M4785040**		1.00
									2M4785060		1.50
377cu. in.		6	1950-52		101.60	2.50	4.78	363 BF CR GI	**2C5156**	6 Cyl.	STD
						3.18	4.11	126 RVT PC GI			
						3.18	4.11	126 RVT PC GI			
						6.00	4.88	860 FV CR			
								732 FV CR			
359cu. in.		6	1988-97	6BTA Vin; C,D.8 12v Turbo Intercooled Cummins Std Size OE Ref. #3802421, sup/#3802230	102.00	3.00	4.29	208 FKST CC DI	**2D4914**	6 Cyl.	STD
						2.25	4.42	135 T PC GI	**2D491450**		0.50
						4.00	3.66	553 CF CR GI	**2D491475**		0.75
								881 2PCO	**2D4914100**		1.00
359cu. in.		6		Turbo Diesel Intercooled 24V Cummins 6BTA Standard Size OE Ref#3804990/4089258	102.00	3.00	4.29	208 FKST CC DI	**2D7276**	6 Cyl.	STD
						2.39	4.37	129 T PC	**2D7276100**		1.00
						4.00	3.66	553 CF CR GI	**2D727650**		0.50
								881 2PCO			
370cu. in.		8	2005-10	Vin: W,3	103.00	1.50	4.09	336 T PM DI	**2M4907**	8 Cyl.	STD
						1.50	4.37	126 RVT PC GI	**2M4907010**		0.25
						3.00	3.18	054 FV CR	**2M4907020**		0.50
								732 FV CR	**2M4907030**		0.75
									2M4907040		1.00
									2M4907060		1.50
515cu. in.		10	2008-13	Vin: N, Z	103.00	1.50	4.09	336 T PM DI	**2M5378**	10 Cyl.	STD
						1.50	4.37	407 N PC DI	**2M5378020**		0.50
						3.00	3.18	054 FV CR	**2M5378030**		0.75
								732 FV CR	**2M5378040**		1.00
ESH		8	2011-14	392cu. in. Hemi OHV FI Vin:J SRT8, Challengerr, Charger Engine Code ESH	104.00	1.20	3.61	397 BF PM S	**2M5379**	8 Cyl.	STD
						1.20	4.32	406 N PC DI	**2M5379020**		0.50
						2.00	3.30	934 FV CR	**2M5379030**		0.75
								935 FV CR	**2M5379040**		1.00
361cu. in.		8	1960-76		104.78	2.25	4.93	363 BF CR GI	**2C6094**	8 Cyl.	STD
						2.25	4.95	126 RVT PC GI	**2C6094020**		0.50
						4.75	5.00	860 FV CR	**2C6094030**		0.75
								732 FV CR	**2C6094040**		1.00
									2C6094060		1.50
								327 BF PM GI	**2M6094**		STD
								126 RVT PC GI	**2M6094030**		0.75
								860 FV CR	**2M6094040**		1.00
								732 FV CR	**2M6094060**		1.50
408cu. in.		6	2007-12	ISB 24V Turbo/Intercooled Cummins Vin:A,L Std Size OE Ref. #4955366	107.00	2.87	4.42	224 FKST PM DI	**2M5872**	6 Cyl.	STD
						2.50	4.57	126 RVT PC GI	**2M587250**		0.50
						3.46	4.00	553 CF CR GI	**2M5872100**		1.00
								881 2PCO			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
DODGE TRUCKS											
383cu. in.		8	1967-71		107.95	2.00	5.05	032 BF PC GI	**683**	8 Cyl.	STD
						2.00	5.08	126 RVT PC GI	**683010**		0.25
						4.75	4.88	860 FV CR	**683020**		0.50
								732 FV CR	**683030**		0.75
									683040		1.00
									683060		1.50
									683080		2.00
									683100		2.50
								363 BF CR GI	**2C683**		STD
								126 RVT PC GI	**2C683010**		0.25
								860 FV CR	**2C683020**		0.50
								732 FV CR	**2C683030**		0.75
									2C683040		1.00
									2C683060		1.50
								327 BF PM GI	**2M683**		STD
								126 RVT PC GI	**2M683010**		0.25
								860 FV CR	**2M683020**		0.50
								732 FV CR	**2M683030**		0.75
									2M683040		1.00
									2M683060		1.50
									2M683070		1.75
									2M683080		2.00
									2M683100		2.50
440cu. in.		8	1972-80		109.73	2.00	5.13	032 BF PC GI	**692**	8 Cyl.	STD
						2.00	5.16	126 RVT PC GI	**692010**		0.25
						4.75	4.88	860 FV CR	**692020**		0.50
								732 FV CR	**692030**		0.75
									692040		1.00
									692060		1.50
								362 BF 3CR GI	**2C692**		STD
								126 RVT PC GI	**2C692030**		0.75
								860 FV CR	**2C692040**		1.00
								732 FV CR	**2C692060**		1.50
								345 T PM GI	**2M692**		STD
								126 RVT PC GI	**2M692030**		0.75
								860 FV CR	**2M692040**		1.00
								732 FV CR	**2M692060**		1.50
400cu. in.		8	1972-79		110.29	2.00	5.16	032 BF PC GI	**676**	8 Cyl.	STD
						2.00	5.18	126 RVT PC GI	**676030**		0.75
						4.75	1.27	860 FV CR			
								732 FV CR			
								362 BF 3CR GI	**2C676**		STD
								126 RVT PC GI			
								860 FV CR			
								732 FV CR			
								327 BF PM GI	**2M676**		STD
								126 RVT PC GI	**2M676020**		0.50
								860 FV CR	**2M676030**		0.75
								732 FV CR	**2M676040**		1.00
549cu. in.		8	1970-78	478, 5 Engs.	114.30	2.25	5.36	032 BF PC GI	**6309**	8 Cyl.	STD
						2.25	4.85	126 RVT PC GI			
						4.75	5.08	860 FV CR			
								732 FV CR			
								363 BF CR GI	**2C6309**		STD
								126 RVT PC GI	**2C6309020**		0.50
								860 FV CR	**2C6309030**		0.75
								732 FV CR	**2C6309040**		1.00
									2C6309060		1.50
EVINRUDE											
			1956-63	10 H.P.	60.33	2.25	2.59	022 ST PC GI	**245**	1 Cyl.	STD
			1951-56	15 H.P.		2.25	2.62	022 ST PC GI			
						2.25	2.62	022 ST PC GI			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
FAIRBANKS-MORSE											
				ZC ZC118 6-7 H.P.	127.00	4.75	4.85	102 T PC GI	**6081**	1 Cyl.	STD
						4.75	4.88	435 SCRP PC GI			
						4.75	2.90	501 1PCO PC GI			
								825 2PCO			
				Z 6 H.P.; ZC ZC208 8-9 H.P.	146.05	4.75	5.87	102 T PC GI	**6082**	1 Cyl.	STD
						4.75	5.89	435 SCRP PC GI	**6082020**		0.50
						4.75	6.07	501 1PCO PC GI	**6082030**		0.75
								825 2PCO			
FERGUSON											
		4		Z120 Cont. TE20, TO20 * Allied #WSA312 Genuine Parts #S104 Thompson #SA169 White Machine #G219HCH INCREASE BORE SLEEVE ASSEMBLY FOR ABOVE	82.55	2.25	3.89	032 BF PC GI	**7582**	4 Cyl.	STD
						2.25	3.91	126 RVT PC GI			
						4.00	4.39	860 FV CR			
						4.00	3.91	732 FV CR			
								501 1PCO PC GI			
								362 BF 3CR GI	**2C7582**		STD
								126 RVT PC GI			
								860 FV CR			
								732 FV CR			
								501 1PCO PC GI			
		4		Z129 Cont. TO30	82.55	3.18	3.89	362 BF 3CR GI	**2C7789**	4 Cyl.	STD
						3.18	3.78	126 RVT PC GI			
						3.18	3.78	126 RVT PC GI			
						4.75	4.39	860 FV CR			
								732 FV CR			
		4		Z129 Cont. TO30 * M & W Sleeve Kit Superior Piston #A993 Superior Piston #A1096 INCREASE BORE SLEEVE ASSEMBLY FOR ABOVE	84.14	2.25	3.99	032 BF PC GI	**7537**	4 Cyl.	STD
						2.25	4.01	126 RVT PC GI			
						4.00	4.39	860 FV CR			
						4.00	4.01	732 FV CR			
								501 1PCO PC GI			
		4		Z134 Cont. F40, 35, TO35	84.14	3.18	3.81	362 BF 3CR GI	**2C7578**	4 Cyl.	STD
						3.18	3.84	126 RVT PC GI			
						3.18	3.84	126 RVT PC GI			
						4.75	4.39	860 FV CR			
								732 FV CR			
		4		Z129 Cont. TO30 * Sealed Power #SL1762 M & W Gear #SP23 McQuay Norris #SA201 INCREASE BORE SLEEVE ASSEMBLY FOR ABOVE	85.73	2.25	4.04	362 BF 3CR GI	**2C7671**	4 Cyl.	STD
						2.25	4.06	126 RVT PC GI			
						2.25	4.06	126 RVT PC GI			
						4.75	1.27	860 FV CR			
								732 FV CR			
Z129, CONTINENTAL ENGINE TO30		4		M & W Sleeve Kit	85.73	3.18	4.04	032 BF PC GI	**7762**	4 Cyl.	STD
				Superior Piston #A1096		3.18	3.89	126 RVT PC GI			
				Superior Piston #A993		3.18	3.89	126 RVT PC GI			
				INCREASE BORE SLEEVE ASSEMBLY FOR ABOVE		4.75	1.27	860 FV CR			
								732 FV CR			
								362 BF 3CR GI	**2C7762**		STD
								126 RVT PC GI			
								860 FV CR			
								732 FV CR			
								732 FV CR			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
FIAT											
	903	4	1970-75	903cc 850 Sport Coupe	65.00	1.75	3.05	102 T PC GI	**6796**	4 Cyl.	STD
	843		1966-67	843cc 850 Coupe		2.00	3.07	401 SCRP PC GI			
			1962	850 Motor 100 G000		4.00	4.24	055 FV CR			
			1965	Motor 100 GC000 Spider, Racer				732 FV CR			
			1971	127, 133 Motor 100 GL000				362 BF 3CR GI	**2C6796**		STD
								401 SCRP PC GI			
								055 FV CR			
								732 FV CR			
	1248		2003-10	DOHC Diesel Turbo	69.60	2.00	3.05	205 BF CR DI	**2D7101**	1 Cyl.	STD
						1.50	3.07	206 TF PC DI	**2D710140**	1 Cyl.	0.40
						2.00	2.90	248 CF CR	**2D710160**	1 Cyl.	0.60
								881 2PCO			
				N500 D-F-L-GTN	70.00	2.00	3.25	032 BF PC GI	**4481**	2 Cyl.	STD
						2.00	3.28	401 SCRP PC GI			
						3.50	3.81	055 FV CR			
								732 FV CR			
								362 BF 3CR GI	**2C4481**		STD
								401 SCRP PC GI			
								055 FV CR			
								732 FV CR			
		4		Fire Motor	70.00	1.50	3.25	032 BF PC GI	**5013**	4 Cyl.	STD
				Panda, Tipo, Uno, M204		1.50	2.95	126 RVT PC GI	**5013016**		0.41
						3.00	3.30	054 FV CR	**5013024**		0.61
								732 FV CR	**5013040**		1.00
									5013060		1.50
								363 BF CR GI	**2C5013**		STD
								126 RVT PC GI	**2C5013016**		0.41
								054 FV CR	**2C5013024**		0.61
								732 FV CR	**2C5013032**		0.81
	1108	4	1992-On	Sporting Panda, Selecta Panda, Country Club Panda	70.00	1.20	2.92	398 BF CR S	**2C5051**	4 Cyl.	STD
						1.20	3.12	610 RVT PC GI	**2C5051016**		0.41
						2.50	2.92	995 FV CR	**2C5051020**		0.50
								732 FV CR	**2C5051024**		0.61
									2C5051032		0.81
									2C5051040		1.00
									2C5051060		1.50
	1242	4	1996-On	Cabrio S, Punto 60S, Selecta	70.80	1.20	2.92	398 BF CR S	**2C5052**	4 Cyl.	STD
						1.20	3.12	610 RVT PC GI	**2C5052016**		0.41
						2.50	2.79	995 FV CR	**2C5052020**		0.50
								732 FV CR	**2C5052024**		0.61
									2C5052040		1.00
	1368	4	2005-On	Fire Idea, Palio, Weekend, Siena, Strada	72.00	1.20	2.92	398 BF CR S	**2C5266**	4 Cyl.	STD
						1.20	3.10	126 RVT PC GI	**2C5266016**		0.41
						2.00	2.67	990 FV CR	**2C5266020**		0.50
								732 FV CR	**2C5266024**		0.61
									2C5266030		0.75
									2C5266040		1.00
	1367	4	2009-On	EVO	72.00	1.00	2.92	398 BF CR S	**2C5681**	4 Cyl.	STD
						1.00	2.72	123 RVT PC DI			
						1.50	2.34	981 FV CR			
								005 FV CR			
								362 BF 3CR GI	**2C6709**		STD
								401 SCRP PC GI			
								056 FV CR			
								732 FV CR			
								362 BF 3CR GI	**2C6752**		STD
								401 SCRP PC GI			
								056 FV CR			
								732 FV CR			
	1560		2007-On	Diesel Turbo 9HU Chassis, Scudo	75.00	3.00	2.97	213 FKST CC DI	**2D7254**	1 Cyl.	STD
						1.95	3.33	202 TTF PC DI	**2D725450**		0.50
						2.50	3.33	204 CF CR DI			
								881 2PCO			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
FIAT											
	1297	4	1974	131 1300 Mirafiori Special Familiare	76.00	1.50	3.45	032 BF PC GI	**4479**	4 Cyl.	STD
						2.00	3.48	401 SCRP PC GI	**4479010**		0.25
						4.00	3.94	055 FV CR	**4479016**		0.41
								732 FV CR	**4479024**		0.61
									4479032		0.81
									4479040		1.00
									4479060		1.50
									4479063		1.60
								362 BF 3CR GI	**2C4479**		STD
								401 SCRP PC GI	**2C4479010**		0.25
								055 FV CR	**2C4479016**		0.41
								732 FV CR	**2C4479020**		0.50
									2C4479024		0.61
									2C4479032		0.81
									2C4479040		1.00
									2C4479060		1.50
									2C4479063		1.60
	1049	4	1977	127 1050CL	76.00	1.50	3.45	032 BF PC GI	**4493**	4 Cyl.	STD
						2.00	3.48	401 SCRP PC GI	**4493016**		0.41
						4.00	3.94	056 FV CR	**4493024**		0.61
								732 FV CR	**4493032**		0.81
									4493040		1.00
									4493063		1.60
								362 BF 3CR GI	**2C4493**		STD
								401 SCRP PC GI	**2C4493010**		0.25
								056 FV CR	**2C4493016**		0.41
								732 FV CR	**2C4493020**		0.50
									2C4493024		0.61
									2C4493030		0.75
									2C4493032		0.81
									2C4493040		1.00
									2C4493060		1.50
									2C4493063		1.60
		4		147, 148 Mod. Gas/Alch Fits Brazilian Mahle Piston	76.00	1.50	3.07	363 BF CR GI	**2C4830**	4 Cyl.	STD
						2.00	3.48	401 SCRP PC GI	**2C4830016**		0.41
						4.00	3.43	058 FV CR	**2C4830020**		0.50
								732 FV CR	**2C4830024**		0.61
		4		1300, 1500, Gas/Alch Fits Brazilian Mahle Piston	76.00	1.50	2.95	032 BF PC GI	**4831**	4 Cyl.	STD
						2.00	3.23	401 SCRP PC GI			
						4.00	3.94	055 FV CR			
								732 FV CR			
								363 BF CR GI	**2C4831**		STD
								401 SCRP PC GI	**2C4831016**		0.41
								055 FV CR	**2C4831024**		0.61
								732 FV CR			
	1500	4	1992-On	E201, Fiorino, Pick-Up	76.00	1.50	3.45	032 BF PC GI	**4932**	4 Cyl.	STD
						1.50	3.48	126 RVT PC GI	**4932008**		0.20
						3.00	3.18	054 FV CR	**4932016**		0.41
								732 FV CR	**4932020**		0.50
									4932024		0.61
									4932032		0.81
								362 BF 3CR GI	**2C4932**		STD
								126 RVT PC GI	**2C4932008**		0.20
								054 FV CR	**2C4932016**		0.41
								732 FV CR	**2C4932020**		0.50
									2C4932024		0.61
									2C4932032		0.81
	1481	4	1961-70	115C 1500 Spyder, C, L, TS	77.00	2.00	3.66	102 T PC GI	**6741**	4 Cyl.	STD
						2.00	3.38	435 SCRP PC GI			
						4.00	4.11	055 FV CR			
								732 FV CR			
								362 BF 3CR GI	**2C6741**		STD
								435 SCRP PC GI	**2C6741020**		0.50
								055 FV CR	**2C6741024**		0.61
								732 FV CR	**2C6741040**		1.00

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
FIAT											
	2279	6	1962-64	2300	78.00	2.00	3.35	102 T PC GI	**6757**	6 Cyl.	STD
						2.00	3.38	401 SCRP PC GI			
						4.00	4.11	056 FV CR			
								732 FV CR			
								362 BF 3CR GI	**2C6757**		STD
								401 SCRP PC GI			
								056 FV CR			
								732 FV CR			
	1491	4	1969-71	1500S, 1600	78.00	2.00	3.35	032 BF PC GI	**6860**	4 Cyl.	STD
						2.00	3.71	401 SCRP PC GI			
						4.00	4.11	055 FV CR			
								732 FV CR			
								362 BF 3CR GI	**2C6860**		STD
								401 SCRP PC GI			
								055 FV CR			
								732 FV CR			
115C	1166	4	1970-75	125 128 Sedan & Wagon, OHC	80.00	1.50	3.18	102 T PC GI	**6814**	4 Cyl.	STD
	1438		1968-73	124 Sport Coupe, Sport Spider		2.00	3.71	401 SCRP PC GI	**6814020**		0.50
	1608			124 Sport Coupe, Sport Spider		4.00	3.81	056 FV CR	**6814030**		0.75
								732 FV CR	**6814032**		0.81
									6814040		1.00
									6814060		1.50
								362 BF 3CR GI	**2C6814**		STD
								401 SCRP PC GI	**2C6814020**		0.50
								056 FV CR	**2C6814024**		0.61
								732 FV CR	**2C6814030**		0.75
									2C6814032		0.81
									2C6814040		1.00
									2C6814060		1.50
									2C6814063		1.60
	1372	4	1988-01	146C1, 146C5, 146D5, 159A2, 160A1, 836A4 Fiorino, Tempra, Tipo, Uno	80.50	1.50	3.18	032 BF PC GI	**5247**	4 Cyl.	STD
						1.75	3.20	401 SCRP PC GI	**5247016**		0.41
						3.00	3.43	054 FV CR	**5247020**		0.50
								732 FV CR	**5247024**		0.61
								362 BF 3CR GI	**2C5247**		STD
								401 SCRP PC GI	**2C5247024**		0.61
								054 FV CR	**2C5247040**		1.00
								732 FV CR			
	1372	4	1990-On	146C1.00 Uno Pacer incl. Turbo	80.50	1.50	3.18	032 BF PC GI	**5254**	4 Cyl.	STD
						2.00	3.20	126 RVT PC GI	**5254024**		0.61
						4.00	3.81	056 FV CR			
								732 FV CR			
	1910		1996-01	Turbo Diesel SOHC 182 A7 TD 75 Brava, Marea	82.00	3.00	3.56	221 FKST CC DI	**2D7259**	1 Cyl.	STD
	2387		1996-99	Turbo Diesel SOHC 185 A2 TD 125 Marea		2.00	3.58	209 RVT PC DI			
						3.00	3.68	204 CF CR DI			
								881 2PCO			
223 A6.000, 192 A3.000, 188 A7.000, 188 A3.000, 188 A2.000, 186 A6.000	1910	4	1999-09	1.9L D/JTD Turbo Diesel Marea, Multipla, Palio, Punto, Stilo, Doblo, Siena, Strada	82.00	2.50	3.56	217 BF CR DI	**2C7340**	1 Cyl.	STD
						2.00	3.58	210 SCRP TF PC DI			
						2.00	2.87	248 CF CR			
								881 2PCO			
182 B4.000	1910	4	1998-10	1.9L JTD 105 Turbo Diesel Brava, Marea, Multipla,	82.00	3.00	3.56	221 FKST CC DI	**2D7355**	1 Cyl.	STD
185 A6.000, 839 A5.000	2387	5	1999-02	2.5L jtd 130 Turbo Diesel Marea		2.00	3.58	210 SCRP TF PC DI			
						3.00	3.68	204 CF CR DI			
								881 2PCO			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
FIAT											
192 A5.000, 192 B1.000, 937 A4.000, 937 A5.000, 937 A6.000, 939 A2.000	1910	4	2004-09	1.9L JTD Turbo Diesel CROMA, STILO BRAVO	82.00	2.00	3.53	205 BF CR DI	**2D7366**	1 Cyl.	STD
939 A3.000	2387	5	2005-ON	2.4L Turbo Diesel CROMA Multijet		2.00	3.68	214 RVL PC DI			
						2.00	2.87	248 CF CR			
								881 2PCO			
182 B9.000, 186 A6.000,186 A8.000, 188 A2.000, 188 A3.000, 188 A7.000, 192 A1.000, 192 A1.000, 939 A3.000, 223 A6.000,	1910	4	1997-10	1.9L JTD Diesel Turbo Bravo, Croma, Doblo, Multipla, Marea, Palio, Punto, Stilo	82.00	2.00	3.56	217 BF CR DI	**2C7433**	1 Cyl.	STD
186 A9.000, 188 B2.000, 192 A8.000, 199 A5.00, 223 A7.000, 937 A7.000, D19AA						2.00	3.58	210 SCRP TF PC DI			
						2.00	2.87	248 CF CR			
								881 2PCO			
	1868		1998-06	Diesel DW8, WJY, WJZ	82.20	2.00	3.56	205 BF CR DI	**2D5858**	1 Cyl.	STD
						2.00	3.58	210 SCRP TF PC DI	**2D585850**		0.50
						3.00	3.68	204 CF CR DI			
								881 2PCO			
	1905		1995-06	Turbo Diesel TD D8B, DHX, XUD9TE w/3.50mm Keystone top grv.	83.00	3.50	3.61	224 FKST PM DI	**2M7157**	1 Cyl.	STD
						2.00	3.63	202 TTF PC DI			
						3.00	3.68	204 CF CR DI			
								881 2PCO			
	1905		1995-06	Turbo Diesel DOHC TD D8B, DHX XUD9BTF, XUD9TE, XUD9TF	83.00	3.00	3.61	221 FKST CC DI	**2D7351**	1 Cyl.	STD
						2.00	3.63	202 TTF PC DI			
						3.00	3.68	204 CF CR DI			
								881 2PCO			
	1905		1993-On	Diesel XUD9A	83.00	2.00	3.61	217 BF CR DI	**2C7372**	1 Cyl.	STD
						2.00	3.63	202 TTF PC DI			
						3.00	3.68	204 CF CR DI			
								881 2PCO			
	1905		1998-02	Diesel DOHC DJY, XUD9A	83.00	2.00	3.61	217 BF CR DI	**2C7435**	1 Cyl.	STD
						2.00	3.63	218 TF PC DI			
						3.00	3.68	204 CF CR DI			
								881 2PCO			
	2000	4	1992-99	8V MPI (Italian) Celta, Croma, Tempra	84.00	1.50	3.81	032 BF PC GI	**4555**	4 Cyl.	STD
						1.50	3.73	126 RVT PC GI	**4555016**		0.41
						3.00	3.30	054 FV CR	**4555024**		0.61
								732 FV CR	**4555032**		0.81
									4555040		1.00
								362 BF 3CR GI	**2C4555**		STD
	2000		1992-99					126 RVT PC GI	**2C4555016**		0.41
								054 FV CR	**2C4555024**		0.61
								732 FV CR			
	1585	4	1974-On	131 1600 Mirafiori Special Familiare	84.00	1.50	3.43	102 T PC GI	**9516**	4 Cyl.	STD
	1800		1973-80	Brava, Spider		2.00	3.45	401 SCRP PC GI	**9516010**		0.25
	2000		1973-80	132 Brava, Spider		4.00	4.24	056 FV CR	**9516020**		0.50
								732 FV CR	**9516030**		0.75
									9516032		0.81
									9516040		1.00
									9516060		1.50
								362 BF 3CR GI	**2C9516**		STD
								401 SCRP PC GI	**2C9516010**		0.25
								056 FV CR	**2C9516020**		0.50
								732 FV CR	**2C9516024**		0.61
									2C9516030		0.75
									2C9516032		0.81
									2C9516040		1.00
									2C9516060		1.50
									2C9516063		1.60

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
FIAT											
	1997		1999-05	Turbo Diesel RHR DW10	85.00	3.50	3.71	213 FKST CC DI	**2D7176**	1 Cyl.	STD
	2179		2002-06	Turbo Diesel 4W, 4HX		2.00	3.73	210 SCRP TF PC DI	**2D717660**	1 Cyl.	0.60
						3.00	3.94	204 CF CR DI			
								881 2PCO			
	1290	4	1974-79	128	86.00	1.50	3.45	032 BF PC GI	**9514**	4 Cyl.	STD
	1300		1972-73	128 Sport Coupe		2.00	3.89	401 SCRP PC GI	**9514010**		0.25
						4.00	4.11	056 FV CR	**9514016**		0.41
								732 FV CR	**9514020**		0.50
									9514024		0.61
									9514030		0.75
									9514032		0.81
									9514040		1.00
									9514060		1.50
								362 BF 3CR GI	**2C9514**		STD
								401 SCRP PC GI	**2C9514010**		0.25
								056 FV CR	**2C9514016**		0.41
								732 FV CR	**2C9514020**		0.50
									2C9514030		0.75
									2C9514040		1.00
	1585	4		Florida	86.40	1.50	3.89	362 BF 3CR GI	**2C4519**	4 Cyl.	STD
						2.00	3.91	401 SCRP PC GI			
						3.00	3.18	054 FV CR			
								732 FV CR			
	1600	4	1992-On	Duna, Elba, Tempra, Weekender	86.40	1.50	3.45	032 BF PC GI	**4523**	4 Cyl.	STD
						1.50	3.91	126 RVT PC GI	**4523016**		0.41
						3.00	3.18	054 FV CR			
								732 FV CR			
								363 BF CR GI	**2C4523**		STD
								126 RVT PC GI	**2C4523016**		0.41
								054 FV CR	**2C4523020**		0.50
								732 FV CR	**2C4523024**		0.61
									2C4523040		1.00
		4		Fiorino, Mod. M202.PA.15.0 Fits Brazilian Mahle Piston	86.40	1.50	3.45	032 BF PC GI	**4800**	4 Cyl.	STD
						1.75	3.48	401 SCRP PC GI	**4800016**		0.41
						3.00	3.18	054 FV CR	**4800024**		0.61
								732 FV CR	**4800040**		1.00
								363 BF CR GI	**2C4800**		STD
								401 SCRP PC GI	**2C4800016**		0.41
								054 FV CR	**2C4800024**		0.61
								732 FV CR	**2C4800040**		1.00
		4	1975-83	Regata 70/S, 85/S Ritmo 65, 75, 70/S, 85/S, Strada, Targa Oro, Uno 70S Fits Brazilian Mahle Piston	86.40	1.50	3.45	032 BF PC GI	**4804**	4 Cyl.	STD
						2.00	3.89	401 SCRP PC GI	**4804016**		0.41
						4.00	3.68	058 FV CR	**4804024**		0.61
								732 FV CR	**4804040**		1.00
								363 BF CR GI	**2C4804**		STD
								401 SCRP PC GI	**2C4804008**		0.20
								058 FV CR	**2C4804016**		0.41
								732 FV CR	**2C4804020**		0.50
									2C4804024		0.61
									2C4804040		1.00
	1500	4	1979-82	X 1/9 Strada	86.40	1.50	3.45	032 BF PC GI	**6139**	4 Cyl.	STD
						2.00	3.91	401 SCRP PC GI	**6139016**		0.41
						4.00	4.50	860 FV CR	**6139032**		0.81
								732 FV CR	**6139040**		1.00
								362 BF 3CR GI	**2C6139**		STD
								401 SCRP PC GI	**2C6139010**		0.25
								860 FV CR	**2C6139016**		0.41
								732 FV CR	**2C6139032**		0.81
									2C6139040		1.00

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
FIAT											
	2286		2002-06	F1AE Turbo Diesel Ducato, Euro 3	88.00	2.50	3.81	221 FKST CC DI	**2D7138**	1 Cyl.	STD
						2.00	3.84	206 TF PC DI			
						2.50	3.33	204 CF CR DI			
								881 2PCO			
		4		131, 132 Diesel Daily	93.00	3.00	4.09	376 BF CR DI	**2D9384**	4 Cyl.	STD
						2.00	4.11	401 SCRP PC GI			
						4.00	4.19	200 CF PC GI			
								881 2PCO			
	2800		1997-02	Turbo Diesel TDI 8140 w/3.0mm Keystone top grv.	94.40	3.00	4.06	225 FKST CR DI	**2C7353**	1 Cyl.	STD
						2.00	4.09	209 RVT PC DI			
						3.00	3.78	204 CF CR DI			
								881 2PCO			
	2798		1998-02	Diesel TD 8140 w/3.00mm Keystone top grv.	94.40	3.00	4.06	225 FKST CR DI	**2C7449**	1 Cyl.	STD
						2.00	4.09	210 SCRP TF PC DI			
						2.50	3.33	204 CF CR DI			
								881 2PCO			
	2800		1997-02	Turbo Diesel TDI 8140 w/2.5mm Keystone top grv.	94.40	2.50	4.06	233 FKST PM DI	**2M7450**	1 Cyl.	STD
						2.00	4.09	210 SCRP TF PC DI			
						2.50	3.33	204 CF CR DI			
								881 2PCO			
	2998		2006-11	F1CE DOHC Turbo Diesel Ceramic Chrome Keystone top ring 2 pc oil ring	95.80	2.50	4.14	221 FKST CC DI	**2D7347**	1 Cyl.	STD
						2.00	4.17	206 TF PC DI			
						2.50	3.33	204 CF CR DI			
								881 2PCO			
		6		308, 308L, 343, 418AC, 418L, Auto Bus & 684-NA, NB, NC, T Auto Capri	122.00	3.50	5.23	372 FKST CR DI	**2C5557**	6 Cyl.	STD
						3.00	5.11	102 T PC GI			
						3.00	5.11	102 T PC GI			
						5.50	5.64	565 CF CR GI			
								881 2PCO			
FORD BRITISH											
		6	1951-58	Zephyr, Zephyr Zodiac 3 Ring Piston	79.38	2.00	3.76	032 BF PC GI	**690**	6 Cyl.	STD
						2.00	3.78	126 RVT PC GI	**690040**		1.00
						4.75	1.27	871 FV CR	**5981040**		1.00
								732 FV CR	**690060**		1.50
									5981060		1.50
								362 BF 3CR GI	**2C5981**		STD
								401 SCRP PC GI	**2C5981010**		0.25
								860 FV CR	**2C5981020**		0.50
								732 FV CR	**2C5981030**		0.75
									2C5981040		1.00
									2C5981060		1.50
97.6cu. in.	1600	4		97 Ford Fiesta	80.96	1.60	3.58	032 BF PC GI	**677**	4 Cyl.	STD
97.6cu. in.	1600		1978-81	97 Ford Pinto 75 H.P.		2.00	3.86	126 RVT PC GI	**677010**		0.25
	940		1973-74	Escort 940; 711M		4.00	3.94	056 FV CR	**677020**		0.50
	1098		1973-74	Escort 1100, 1300, 1300GT, Cortina 1100;				732 FV CR	**677030**		0.75
	1298			Cortina 1300;					**677040**		1.00
	1599			Cortina 1600, Capri 1300, 1300GT 1600, 1600GT 618 CWT Van					**677060**		1.50
								363 BF CR GI	**2C677**		STD
								126 RVT PC GI	**2C677020**		0.50
								056 FV CR	**2C677030**		0.75
								732 FV CR	**2C677040**		1.00
									2C677060		1.50
								327 BF PM GI	**2M677**		STD
								126 RVT PC GI	**2M677010**		0.25
								056 FV CR	**2M677020**		0.50
								732 FV CR	**2M677030**		0.75
									2M677040		1.00

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
FORD BRITISH											
	940	4	1970-on	Escort 940; 711M	80.96	1.60	3.58	363 BF CR GI	**2C9502**	4 Cyl.	STD
						2.00	3.73	126 RVT PC GI			
	1098			Escort 1100, 1300, 1300GT, Cortina 1100		4.00	4.39	860 FV CR			
	1298			Cortina 1300;				732 FV CR			
	1599			Cortina, Capri, 1300GT, 1600, 1600GT 618 CWT Van High Performance Compression Rings .005 oversize-File to fit				336 T PM DI	**2M9502**		STD
								126 RVT PC GI			
								860 FV CR			
								732 FV CR			
	1558	4	1963-66	(Twin-Cam), Lotus Elan, Elan Sprint +2, +25, Europa Special, Lotus Cortina	82.55	2.00	3.89	032 BF PC GI	**5909**	4 Cyl.	STD
			1956-63	Consul, Mark II, 375; Thames 10-15 CWT, Zephyr 4		2.00	3.91	401 SCRP PC GI	**5909010**		0.25
						4.75	1.27	860 FV CR	**5909060**		1.50
								732 FV CR			
								362 BF 3CR GI	**2C5909**		STD
								401 SCRP PC GI			
								860 FV CR			
								732 FV CR			
		6	1956-63	Zephyr, Zodiac, Mark II	82.55	2.00	3.89	032 BF PC GI	**5914**	6 Cyl.	STD
						2.00	3.91	401 SCRP PC GI	**5914010**		0.25
						4.75	1.27	860 FV CR	**5914060**		1.50
								732 FV CR			
	992	4		39PS, 8, 9:1;	85.00	1.50	3.43	032 BF PC GI	**6899**	4 Cyl.	STD
	1198		1959-67	48PS, 8, 7:1; 54PS, 8, 5, 5:1		1.50	3.43	126 RVT PC GI	**6899010**		0.25
	1340			For Aufgebohrte Motoren 85, Fahrzeug Anglia/Kombi, Anglia-Super, Cortina/Kombi, Cortina 1500/ Kombi,Classic, Capri, Consul 315, Consul-Corsair, Consul		4.00	3.81	056 FV CR	**6899020**		0.50
	1498			57PS				732 FV CR	**6899030**		0.75
									6899040		1.00
									6899060		1.50
								362 BF 3CR GI	**2C6899**		STD
								126 RVT PC GI	**2C6899010**		0.25
								056 FV CR	**2C6899020**		0.50
								732 FV CR	**2C6899030**		0.75
									2C6899040		1.00
									2C6899060		1.50
								327 BF PM GI	**2M6899**		STD
								126 RVT PC GI	**2M6899010**		0.25
								056 FV CR	**2M6899020**		0.50
								732 FV CR	**2M6899060**		1.50
		4	1970-On	Capri 1600	87.68	2.00	4.11	032 BF PC GI	**4426**	4 Cyl.	STD
			1970-On	Capri 1600, Taunus 1600		2.50	4.14	401 SCRP PC GI	**4426010**		0.25
						4.00	4.39	860 FV CR	**4426020**		0.50
								732 FV CR			
								362 BF 3CR GI	**2C4426**		STD
								401 SCRP PC GI	**2C4426010**		0.25
								860 FV CR	**2C4426020**		0.50
								732 FV CR	**2C4426030**		0.75
									2C4426060		1.50
	2000	4	1983-On	Sierra KOLN OHC	90.80	1.60	4.01	032 BF PC GI	**4286**	4 Cyl.	STD
						2.00	4.04	126 RVT PC GI	**4286020**		0.50
						4.00	4.75	860 FV CR	**4286030**		0.75
								732 FV CR	**4286040**		1.00
									4286060		1.50
								363 BF CR GI	**2C4286**		STD
								126 RVT PC GI	**2C4286010**		0.25
								860 FV CR	**2C4286020**		0.50
								732 FV CR	**2C4286030**		0.75
									2C4286040		1.00
									2C4286060		1.50

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
FORD BRITISH											
122cu. in.	2000	4	1972	Ford Pinto 100 H.P.	90.80	2.00	4.27	032 BF PC GI	**599**	4 Cyl.	STD
	2000		1971-74	Cortina L, G.T.		2.50	4.29	126 RVT PC GI	**599060**		1.50
	2000		1971-74	Capri		4.00	4.24	860 FV CR			
								732 FV CR			
								362 BF 3CR GI	**2C599**		STD
								126 RVT PC GI	**2C599010**		0.25
								860 FV CR	**2C599020**		0.50
								732 FV CR	**2C599030**		0.75
									2C599040		1.00
									2C599060		1.50
			1966-67	Zephyr Mark IV, Zodiac Mark IV	93.66	2.00	4.42	032 BF PC GI	**6791**	2 Cyl.	STD
	1700		1966-67	Corsair Mark IV, Zephyr Mark IV		2.00	4.45	126 RVT PC GI	**6791030**		0.75
	2000			Corsair Mark IV, Zephyr Mark IV		4.75	4.62	860 FV CR			
								732 FV CR			
								362 BF 3CR GI	**2C6791**		STD
								126 RVT PC GI	**2C6791020**		0.50
								860 FV CR	**2C6791030**		0.75
								732 FV CR	**2C6791040**		1.00
220 cu. in.	3610	4	1953-58	X220	100.01	2.25	4.09	362 BF 3CR GI	**2C5837**	4 Cyl.	STD
220 cu. in.			1959-66	5000 Super Major Diesel		2.25	4.11	126 RVT PC GI			
	3610		1952-57	4D Trucks		2.25	4.11	126 RVT PC GI			
220 cu. in.			1953-57	FMD11, FMD14 English Diesel, Dagenham Diesel		4.75	3.66	501 1PCO PC GI			
	3610		1952-65	OHV Cost Cutter 1 1/2 Thru 4 Ton Petrol		4.75	4.11	825 2PCO			
	3610		1959-65	OHV Major Tractor Vapourising , OHV Thames 1 1/2 Thru 4 Ton, 4D Thames Trader, 1 1/2 Thru 5 Ton Major, Power Major, Super Major, Tractor 592 Diesel				501 1PCO PC GI			
330 cu. in.	5416	6	1957-58	Diesel Y330	100.01	2.25	4.09	362 BF 3CR GI	**2D7596**	6 Cyl.	STD
330 cu. in.				Diesel		2.25	4.11	126 RVT PC GI			
330 cu. in.				Y		2.25	4.11	126 RVT PC GI			
	5416			6D Trucks		4.75	4.60	553 CF CR GI			
				OHV 6D Thames Trader 4 Thru 7 Ton, 590E Diesel OE, AE Pistons 428705, A428706, 426708, 429203		4.75	4.11	881 2PCO			
								501 1PCO PC GI			
254 cu. in.	4161		1969-71	254DF Dorset Diesel	107.21	2.25	4.32	362 BF 3CR GI	**2D7246**	2 Cyl.	STD
254 cu. in.			1969-71	OHV, 25514; 2712E Series Parent Block		2.25	4.34	362 BF 3CR GI			
380 cu. in.	6224			OHV, 38016; 2715E Series Parent Block		2.25	4.34	126 RVT PC GI			
380 cu. in.				380DF Dorset Diesel		4.75	4.65	553 CF CR GI			
								881 2PCO			
FORD EUROPEAN											
		4	1989-On	VSG411	68.68	1.50	3.18	032 BF PC GI	**4856**	4 Cyl.	STD
				Fiesta, Escort, 1.0, 1.1 L HCS		1.75	3.20	126 RVT PC GI	**4856020**		0.50
						3.00	3.43	054 FV CR	**4856040**		1.00
								732 FV CR			
								363 BF CR GI	**2C4856**		STD
								126 RVT PC GI	**2C4856020**		0.50
								054 FV CR	**2C4856040**		1.00
								732 FV CR			
	1399		2001-On	F6JA, F6JB Turbo Diesel	73.70	2.50	3.25	213 FKST CC DI	**2D7270**	1 Cyl.	STD
						1.95	3.28	209 RVT PC DI	**2D727025**		0.25
						2.50	3.33	248 CF CR	**2D727050**		0.50
								881 2PCO			
	1300	4	1988-On	VSG413	73.93	1.50	3.20	032 BF PC GI	**4858**	4 Cyl.	STD
	1300			Escort, Orion, eng HCS, OHV		1.75	3.23	401 SCRP PC GI	**4858020**		0.50
						3.00	3.18	054 FV CR	**4858030**		0.75
								732 FV CR	**4858040**		1.00

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
FORD EUROPEAN											
								363 BF CR GI	**2C4858**		STD
								401 SCRP PC GI	**2C4858020**		0.50
								054 FV CR	**2C4858030**		0.75
								732 FV CR	**2C4858040**		1.00
	1297	4		SOHC I4	73.94	1.20	2.92	398 BF CR S	**2C5259**	4 Cyl.	STD
						1.50	3.45	126 RVT PC GI	**2C5259020**		0.50
						2.00	3.05	993 FV CR			
								732 FV CR			
		4	1976	VSG411	74.00	1.60	3.20	362 BF 3CR GI	**2C4471**	4 Cyl.	STD
				Fiesta 950 Base, 950 Ghia, Lussco, Fiesta 1100, Ghia, Lussco & Sport		2.00	3.23	401 SCRP PC GI	**2C4471020**		0.50
						4.00	3.81	058 FV CR	**2C4471030**		0.75
								732 FV CR	**2C4471040**		1.00
	1560		2003-On	Turbo Diesel G8DA, G8DB, HHDA, HHDB, HHJA, HHJB	75.00	3.00	2.97	213 FKST CC DI	**2D7254**	1 Cyl.	STD
						1.95	3.33	202 TTF PC DI	**2D725450**		0.50
						2.50	3.33	204 CF CR DI			
								881 2PCO			
ZH14 16V Zetec S	1388	4	1996-On	ZH14 16V Zetec S Fiesta, Focus, Ghia, Puma	76.00	1.20	3.33	398 BF CR S	**2C4565**	4 Cyl.	STD
						1.50	3.48	126 RVT PC GI	**2C4565020**		0.50
						2.50	2.79	995 FV CR	**2C4565030**		0.75
								732 FV CR			
	1392	4	1986-On	CVH Ford	77.24	1.60	3.30	032 BF PC GI	**5019**	4 Cyl.	STD
						2.00	3.33	401 SCRP PC GI	**5019020**		0.50
						4.00	3.81	056 FV CR	**5019030**		0.75
								732 FV CR	**5019040**		1.00
								327 BF PM GI	**2M5019**		STD
								401 SCRP PC GI	**2M5019010**		0.25
								056 FV CR	**2M5019020**		0.50
								732 FV CR	**2M5019040**		1.00
	1293	4	1973	Capri	79.00	2.00	3.40	032 BF PC GI	**4482**	4 Cyl.	STD
	1293		1971	Taunus 1300, 1300SW		2.50	3.78	401 SCRP PC GI	**4482020**		0.50
			1971			4.00	3.81	056 FV CR	**4482040**		1.00
								732 FV CR			
								362 BF 3CR GI	**2C4482**		STD
								401 SCRP PC GI	**2C4482040**		1.00
								056 FV CR			
								732 FV CR			
FYDA, FYDB, FYDC, FYDD, FYDH, FYJA, FYJB, ZH 16,	1596	4	1998-04	97cu. in. Fiesta DOHC Vin: J naturally aspirated	79.00	1.20	2.92	398 BF CR S	**2C5855**	4 Cyl.	STD
	1596		2011-On	Zetec ZH16 1.6 Litre Fiesta, Focus, Mondeo, Puma FYDA, FYDB, FYDC, FYDD, FYDH, FYJA, FYJB		1.50	3.43	126 RVT PC GI	**2C5855020**		0.50
						2.00	2.67	990 FV CR	**2C5855030**		0.75
								005 FV CR			
	1800	4	1988-On	CVH Ford #E7EE6159DA	80.00	1.50	3.18	032 BF PC GI	**4691**	4 Cyl.	STD
						1.50	3.35	401 SCRP PC GI	**4691020**		0.50
						3.00	3.43	054 FV CR	**4691030**		0.75
								732 FV CR	**4691040**		1.00
								362 BF 3CR GI	**2C4691**		STD
								401 SCRP PC GI	**2C4691010**		0.25
								054 FV CR	**2C4691020**		0.50
								732 FV CR	**2C4691030**		0.75
									2C4691040		1.00
								327 BF PM GI	**2M4691**		STD
								401 SCRP PC GI	**2M4691020**		0.50
								054 FV CR	**2M4691040**		1.00
								732 FV CR			
	1600	4	1984-On	E-Max Sierra	81.28	1.60	3.58	335 T PM DI	**2M4787**	4 Cyl.	STD
						2.00	3.61	126 RVT PC GI	**2M4787020**		0.50
						4.00	3.94	056 FV CR	**2M4787040**		1.00
								732 FV CR			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
FORD EUROPEAN											
	1753	4	1988-On	Fiesta, Escort, Orion, Courier OHC Diesel	82.50	2.00	3.25	032 BF PC GI	**4982**	4 Cyl.	STD
						2.00 3.00	3.78 3.18	401 SCRP PC GI 054 FV CR 732 FV CR	**4982020**		0.50
								363 BF CR GI	**2D4982**	4 Cyl.	STD
								401 SCRP PC GI 204 CF CR DI 881 2PCO	**2D498250** **2D4982100**		0.50 1.00
BHDA, BHDB, C9DA, C9DB, C9DC F9DA, F9DB, FFDA, KKDA, KKDB	1753		1998-07	Diesel Turbo Focus TDCi SOHC, BHDA, C9DA, F9DA, KKDA	82.50	2.50	3.61	211 HKST CC DI	**2D7104**	1 Cyl.	STD
	1753		1998-07	Turbo Diesel BHDA, BHDB, C9DA, C9DB, C9DC F9DA, F9DB, FFDA, KKDA, KKDB		2.00 3.00	3.63 3.68	210 SCRP TF PC DI 204 CF CR DI 881 2PCO	**2D710450**		0.50
RFA, RFB, RFL, RFD, RFK, RFM, RFN, RFS, RFU, RVA	1753		1993-01	Turbo Diesel SOHC Mondeo RFA, RFB, RFD, RFK, RFL RFM, RFN, RFS, RFU, RVA	82.50	2.50	3.61	238 FKST CR DI	**2C7133**	1 Cyl.	STD
						2.00 3.00	3.63 3.68	218 TF PC DI 204 CF CR DI 881 2PCO			
RTE, RTF, RTH, RTA, RTB, RTC, RTD, RTG, RTJ, RTK	1753		1988-01	SOHC Diesel D18 RT Escort, Courier, Fiesta, Orion RTA, RTB, RTC, RTD, RTE RTF, RTG, RTH, RTJ, RTK	82.50	2.00	3.56	217 BF CR DI	**2C7538**	1 Cyl.	STD
						2.00 3.00	3.63 3.68	218 TF PC DI 204 CF CR DI 881 2PCO			
	1700	4	1957-64	Taunus 17M, Combi Station Wagon	84.00	2.00	3.99	032 BF PC GI	**5925**	4 Cyl.	STD
						3.00 5.00	4.01 1.27	401 SCRP PC GI 871 FV CR 732 FV CR	**5925020** **5925030** **5925040** **5925060**		0.50 0.75 1.00 1.50
								362 BF 3CR GI	**2C5925**		STD
								401 SCRP PC GI 871 FV CR 732 FV CR	**2C5925010** **2C5925020** **2C5925030** **2C5925040** **2C5925060**		0.25 0.50 0.75 1.00 1.50
	1998	6	1964-72		84.00	2.00	3.99	032 BF PC GI	**6137**	6 Cyl.	STD
						3.00 5.00	4.01 1.27	401 SCRP PC GI 871 FV CR 732 FV CR	**6137020** **6137030** **6137040** **6137060**		0.50 0.75 1.00 1.50
								362 BF 3CR GI	**2C6137**		STD
								401 SCRP PC GI 871 FV CR 732 FV CR	**2C6137010** **2C6137020** **2C6137030** **2C6137040** **2C6137060**		0.25 0.50 0.75 1.00 1.50
121cu. in.	1988	4	1998-On	Vin: 3, Z	84.86	1.50	3.43	032 BF PC GI	**4887**	4 Cyl.	STD
121cu. in.	1988		1995-04	Mondeo ZH20 1 DOHC		1.75 3.00	3.45 3.56	126 RVT PC GI 054 FV CR 732 FV CR	**4887010**		0.25
								327 BF PM GI	**2M4887**		STD
								126 RVT PC GI 054 FV CR 732 FV CR	**2M4887020**		0.50
	1998	4	1995-On	16 valve, Mondeo	84.86	1.20	3.33	398 BF CR S	**2C4991**	4 Cyl.	STD
						1.75 3.00	3.45 3.56	126 RVT PC GI 054 FV CR 732 FV CR	**2C4991020** **2C4991030** **2C4991040**		0.50 0.75 1.00
	1998	4		Mondeo	84.86	1.20	3.33	398 BF CR S	**2C4992**	4 Cyl.	STD
						1.50 2.50	4.04 2.92	126 RVT PC GI 995 FV CR 732 FV CR	**2C4992020** **2C4992030** **2C4992040**		0.50 0.75 1.00

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
FORD EUROPEAN											
	1997		2003-07	Turbo Diesel Duratorq G6DA, G6DB, G6DD	85.00	3.50	3.71	213 FKST CC DI	**2D7176**	1 Cyl.	STD
						2.00	3.73	210 SCRP TF PC DI			
						3.00	3.94	204 CF CR DI			
								881 2PCO			
		4	1962-65	Taunus 17M TS, 70PS, Corso	85.50	2.00	4.04	032 BF PC GI	**6772**	4 Cyl.	STD
						3.00	4.06	401 SCRP PC GI	**2D717660**	1 Cyl.	0.60
						5.00	4.50	860 FV CR			
								732 FV CR			
	1998	4	1988-On	DOHC, Scorpio, Sierra	86.00	1.60	3.43	102 T PC GI	**4876**	4 Cyl.	STD
						1.75	3.45	126 RVT PC GI			
						3.00	2.67	997 FV CR			
								732 FV CR			
								362 BF 3CR GI	**2C4876**		STD
								126 RVT PC GI	**2C4876020**		0.50
								997 FV CR	**2C4876040**		1.00
								732 FV CR			
D3FA, D5BA, H6BA, F3FA, F1FA FMBA, HJBA, HJBB, HJBC, N7BA	1998		2000-07	Turbo Diesel DOHC ABFA, D3FA, D5BA, H6BA, F3FA, F1FA FMBA, HJBA, HJBB, HJBC, N7BA	86.00	2.50	3.76	211 HKST CC DI	**2D7145**	1 Cyl.	STD
						2.00	3.78	210 SCRP TF PC DI			
						3.00	3.33	204 CF CR DI			
								881 2PCO			
ABFA, D3FA, D5BA, D6BA, F3FA F1FA, FMBA, HJBA, HJBB, HJBC, N7BA	1998		2000-07	Turbo Diesel DOHC ABFA, D3FA, D5BA, D6BA, F3FA F1FA, FMBA, HJBA, HJBB, HJBC, N7BA	86.00	2.00	3.76	212 TBF CC DI	**2D7365**	1 Cyl.	STD
						2.00	3.78	210 SCRP TF PC DI			
						3.00	3.33	204 CF CR DI			
								881 2PCO			
ABFA, D3FA, D5BA, FMBA ABFA, D3FA, D5BA, D6BA, F3FA, F1FA FMBA, HJBA, HJBB, HJBC, N7BA	1998		2000-07	Turbo Diesel DOHC ABFA, D3FA, D5BA, FMBA ABFA, D3FA, D5BA, D6BA, F3FA, F1FA FMBA, HJBA, HJBB, HJBC, N7BA	86.00	2.00	3.76	212 TBF CC DI	**2D7451**	1 Cyl.	STD
						2.00	3.78	210 SCRP TF PC DI	**2D745150**		0.50
						2.00	2.87	248 CF CR			
								881 2PCO			
	1796	4	1984-88	, Granada 1800 GL/GHIA, Scorpio 1800 CL/GL/GHIA Sierra 1800 C/CL/L/GL/S	86.20	1.60	3.89	032 BF PC GI	**4900**	4 Cyl.	STD
						2.00	3.91	401 SCRP PC GI			
						4.00	4.24	056 FV CR			
								732 FV CR			
								363 BF CR GI	**2C4900**		STD
								401 SCRP PC GI	**2C4900020**		0.50
								056 FV CR			
								732 FV CR			
D2FA/B/E D4FA DT24H DT24N DT24P F4FA FXFA	2402		1996-06	Turbo Diesel DI DOHC D2FA/B/E D4FA DT24H DT24N DT24P F4FA FXFA	89.90	2.50	3.91	211 HKST CC DI	**2D7368**	1 Cyl.	STD
						2.00	3.94	229 TTF PC DI	**2D736850**		0.50
						3.00	3.33	204 CF CR DI			
								881 2PCO			
D0FA, H9FA, H9FB, JXFA, PHFA, PHFC	2402		2000-07	Turbo Diesel TCI DOHC D0FA, H9FA, H9FB, JXFA, PHFA, PHFC	89.90	2.00	3.91	205 BF CR DI	**2D7377**	1 Cyl.	STD
						2.00	3.94	234 SCRP TF PC DI	**2D737750**		0.50
						2.00	2.87	248 CF CR			
								881 2PCO			
SCB, SCC, VM	2500	4	1993-98	2.5L TD Turbo Diesel Scorpio	92.00	2.50	4.01	225 FKST CR DI	**2C7458**	1 Cyl.	STD
						2.00	4.04	210 SCRP TF PC DI			
						4.00	4.24	204 CF CR DI			
								881 2PCO			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
FORD EUROPEAN											
	3984	6	1994-On	Ford Falcon, ED, EF Australian, w/3.0mm Oil groove	92.25	1.20	3.73	398 BF CR S	**2C4931**	6 Cyl.	STD
						1.50	3.78	126 RVT PC GI	**2C4931020**		0.50
						3.00	2.79	997 FV CR	**2C4931030**		0.75
								732 FV CR	**2C4931040**		1.00
	3984	6	1994-On	Ford Falcon, ED, EF Australian, w/1.5mm Top Groove	92.25	1.50	3.48	032 BF PC GI	**4937**	6 Cyl.	STD
						1.50	3.78	126 RVT PC GI	**4937020**		0.50
						3.00	3.81	872 FV CR	**4937030**		0.75
								005 FV CR	**4937040**		1.00
									4937060		1.50
								327 BF PM GI	**2M4937**		STD
								126 RVT PC GI	**2M4937020**		0.50
								872 FV CR	**2M4937030**		0.75
								005 FV CR	**2M4937040**		1.00
									2M4937060		1.50
	3984	6	2002-On	Ford Falcon, ED, EF Australian, w/2.5mm Oil groove	92.25	1.20	3.73	398 BF CR S	**2C5114**	6 Cyl.	STD
						1.50	3.78	126 RVT PC GI	**2C5114020**		0.50
						2.50	2.79	995 FV CR	**2C5114030**		0.75
								732 FV CR	**2C5114040**		1.00
FORD JEEP											
		4		M151 Ford	98.43	2.38	4.62	032 BF PC GI	**6353**	4 Cyl.	STD
						2.38	3.99	126 RVT PC GI	**6353010**		0.25
						4.75	4.88	860 FV CR	**6353020**		0.50
								732 FV CR	**6353030**		0.75
									6353040		1.00
									6353060		1.50
								362 BF 3CR GI	**2C6353**		STD
								126 RVT PC GI	**2C6353010**		0.25
								860 FV CR	**2C6353020**		0.50
								732 FV CR	**2C6353030**		0.75
									2C6353040		1.00
									2C6353060		1.50
FORD MOTORS											
		4		Escort, Fiesta, Rocam, KA Zetec w/2.0mm oil grv. Fit Brazilian Mahle Piston	68.68	1.20	2.92	398 BF CR S	**2C5205**	4 Cyl.	STD
						1.50	3.07	401 SCRP PC GI	**2C5205020**		0.50
						2.00	2.92	989 FV CR			
								732 FV CR			
	1300	4	1988-97	79cu. in. Ford, Mercury, Vin: H	71.00	1.20	3.12	398 BF CR S	**2C4451**	4 Cyl.	STD
						1.50	3.33	126 RVT PC GI	**2C4451010**		0.25
						3.00	1.14	054 FV CR	**2C4451020**		0.50
								732 FV CR	**2C4451030**		0.75
									2C4451040		1.00
									2C4451060		1.50
DHA, DHB, DHC, DHD, DHE, DHF, DHG	1242	4	1996-02	FIESTA IV	71.90	1.20	2.92	398 BF CR S	**2C5637**	4 Cyl.	STD
						1.50	3.18	435 SCRP PC GI			
						2.50	2.92	989 FV CR			
								732 FV CR			
97.6cu. in.	1597	4	1995-On	97 Escort DOHC	76.00	1.50	2.95	032 BF PC GI	**5248**	4 Cyl.	STD
						1.60	3.23	102 T PC GI	**5248020**		0.50
						2.50	2.79	995 FV CR	**5248040**		1.00
								732 FV CR			
								362 BF 3CR GI	**2C5248**		STD
								102 T PC GI	**2C5248010**		0.25
								995 FV CR	**2C5248020**		0.50
								732 FV CR	**2C5248030**		0.75

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
FORD MOTORS											
		4		Belina II, Corcel, Escort, Pampa, Gas/Alch Fit Brazilian Mahle Piston	77.00	1.75	3.07	032 BF PC GI	**4843**	4 Cyl.	STD
						2.00 4.00	3.33 3.43	401 SCRP PC GI 058 FV CR 732 FV CR	**4843020**		0.50
								363 BF CR GI	**2C4843**		STD
								401 SCRP PC GI 058 FV CR 732 FV CR			
		4		Escort, Pampa, AE1600 Fit Brazilian Mahle Piston	77.00	1.50	3.30	032 BF PC GI	**4977**	4 Cyl.	STD
						1.50 2.00	3.68 2.92	401 SCRP PC GI 993 FV CR 005 FV CR			
								363 BF CR GI	**2C4977**		STD
								401 SCRP PC GI 993 FV CR 005 FV CR	**2C4977020** **2C4977040**		0.50 1.00
		8	1932-45	Ford Brand 3 Ring Al Piston 85, 90 H.P.	77.79	2.25	3.68	032 BF PC GI	**121**	8 Cyl.	STD
			1937-42	Ford Brand 3 Ring Al Piston 85 H.P.		2.25 4.00	3.71 3.81	126 RVT PC GI 056 FV CR 732 FV CR			
		8	1932-45	All Models Ford 3 Ring Steel & Al Repl. Piston 85, 90 H.P.	77.79	2.25	3.68	032 BF PC GI	**122**	8 Cyl.	STD
			1937-42	Ford Brand 3 Ring Steel Piston or Al Repl. Piston 85 H.P.		2.25 4.00	3.71 3.81	126 RVT PC GI 056 FV CR 732 FV CR			
		8	1932-45	Ford 4 Ring Piston 85, 90 H.P.	77.79	2.25	3.68	032 BF PC GI	**524**	8 Cyl.	STD
			1937-42	4 Ring Piston 85, 90 H.P.		2.25 4.00 4.00	3.71 3.81 3.71	126 RVT PC GI 058 FV CR 732 FV CR 501 1PCO PC GI	**524030**		0.75
		4	1988-94	98cu. in. Mercury Tracer, Capri	78.00	1.50	2.97	032 BF PC GI	**4265**	4 Cyl.	STD
97 cu. in. 110 cu. in.			1972-78 1972-78	1600 Courier 1800 Courier		1.50 4.00	3.38 3.30	126 RVT PC GI 058 FV CR 732 FV CR	**4265010** **4265020** **4265030** **4265040** **4265060**		0.25 0.50 0.75 1.00 1.50
								362 BF 3CR GI	**2C4265**		STD
								126 RVT PC GI 058 FV CR 732 FV CR	**2C4265010** **2C4265020** **2C4265030** **2C4265040** **2C4265060**		0.25 0.50 0.75 1.00 1.50
								327 BF PM GI	**2M4265**		STD
								126 RVT PC GI 058 FV CR 732 FV CR	**2M4265010** **2M4265020** **2M4265030** **2M4265040** **2M4265060**		0.25 0.50 0.75 1.00 1.50
97 cu. in.		4		1586 Courier Australia	78.00	1.50	3.68	362 BF 3CR GI	**2C4412**	4 Cyl.	STD
						2.00 4.00	3.71 3.81	126 RVT PC GI 056 FV CR 732 FV CR	**2C4412010** **2C4412020** **2C4412030** **2C4412040** **2C4412060**		0.25 0.50 0.75 1.00 1.50
	1596	4	2014-15	ECOBOOST DOHC INCL TURBO FUSION,	79.00	1.20	2.92	398 BF CR S	**2C4356**	4 Cyl.	STD
	1596		2013-15	ECOBOOST DOHC INCL TURBO, ESCAPE, FUSION, TITANIUM, TRANSIT CONNECT		1.20 2.00	3.10 2.67	126 RVT PC GI 990 FV CR 005 FV CR	**2C435650**		1.25

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
FORD MOTORS											
	1600	4	1981-85	98cu. in. - 85 1/2 - Ford Escort, Mercury Lynx Incl. Turbo	79.94	1.60	3.78	032 BF PC GI	**5653**	4 Cyl.	STD
						2.00	3.20	126 RVT PC GI	**5653010**		0.25
						4.00	4.39	860 FV CR	**5653020**		0.50
								732 FV CR	**5653030**		0.75
									5653040		1.00
									5653060		1.50
								363 BF CR GI	**2C5653**		STD
								126 RVT PC GI	**2C5653010**		0.25
								860 FV CR	**2C5653020**		0.50
								732 FV CR	**2C5653030**		0.75
									2C5653040		1.00
									2C5653060		1.50
								327 BF PM GI	**2M5653**		STD
								126 RVT PC GI	**2M5653010**		0.25
								860 FV CR	**2M5653020**		0.50
								732 FV CR	**2M5653030**		0.75
									2M5653040		1.00
									2M5653060		1.50
121 cu. in.	2000	4	1979-81	Courier	80.00	1.20	3.33	398 BF CR S	**2C6141**	4 Cyl.	STD
						1.50	3.48	126 RVT PC GI	**2C6141010**		0.25
						4.00	3.81	056 FV CR	**2C6141020**		0.50
								732 FV CR	**2C6141030**		0.75
									2C6141040		1.00
									2C6141060		1.50
121cu. in.		4	1982-84	Ford	80.00	1.50	3.18	032 BF PC GI	**6155**	4 Cyl.	STD
121 cu. in.			1982-84			2.00	3.20	126 RVT PC GI	**6155010**		0.25
						4.00	1.27	058 FV CR	**6155020**		0.50
								732 FV CR	**6155030**		0.75
									6155040		1.00
								362 BF 3CR GI	**2C6155**		STD
								126 RVT PC GI	**2C6155010**		0.25
								058 FV CR	**2C6155020**		0.50
								732 FV CR	**2C6155030**		0.75
									2C6155040		1.00
									2C6155060		1.50
110cu. in.	1796	4	1995-On	Escort EFI DOHC	80.60	1.50	3.58	032 BF PC GI	**5194**	4 Cyl.	STD
						1.60	3.63	126 RVT PC GI	**5194020**		0.50
						2.50	2.92	995 FV CR			
								732 FV CR			
								363 BF CR GI	**2C5194**		STD
								126 RVT PC GI	**2C5194020**		0.50
								995 FV CR			
								732 FV CR			
239cu. in.		8	1939-53	Ford 100 H.P. "Flat Head" 3 ring piston	80.96	2.00	3.58	032 BF PC GI	**5075**	8 Cyl.	STD
						2.00	3.86	126 RVT PC GI	**5075040**		1.00
						4.75	4.39	860 FV CR	**5075060**		1.50
								732 FV CR	**5075100**		2.50
									5075125		3.13
									5075188		4.78
		4		Allied Sleeve Kit #WSA261 M & W Sleeve Kit SP28, 30, 31, 32-5, 33-5, 34-5, 35-5 Permite Sleeve Kit CSA261 White Machine Sleeve Kit #G190CH, G216CH	80.96	2.25	3.71	362 BF 3CR GI	**2C523**	4 Cyl.	STD
			1941-45	2N, 8N, 9N Ford 4 Ring Piston w/5/32 oil groove		2.25	3.23	126 RVT PC GI			
119 cu. in.				Repl. Piston 30 H.P.		4.00	4.39	860 FV CR			
						4.00	3.86	732 FV CR			
								501 1PCO PC GI			
239cu. in.		8	1946-49	Ford 100 H.P.	80.96	2.25	3.84	032 BF PC GI	**529**	8 Cyl.	STD
			1939-48	Mercury 4 Ring Al Piston		2.25	3.73	126 RVT PC GI	**529125**		3.13
239 cu. in.			1939-49	95, 100 H.P. 4 Ring Piston		4.00	4.39	860 FV CR			
						4.00	3.86	732 FV CR			
								501 1PCO PC GI			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
FORD MOTORS											
239cu. in.		8	1949-53	Ford 100 H.P.	80.96	2.38	3.84	032 BF PC GI	**533**	8 Cyl.	STD
255cu. in.			1949-53	All Models Mercury 4 Ring Piston		2.38	3.73	126 RVT PC GI	**533030**		0.75
239 cu. in.			1949-53	95, 100 H.P. 4 Ring Piston		4.75	4.39	860 FV CR	**533040**		1.00
						4.75	3.73	732 FV CR	**533060**		1.50
								501 1PCO PC GI	**533080**		2.00
									533125		3.13
									533188		4.78
								362 BF 3CR GI	**2C533**		STD
								126 RVT PC GI	**2C533060**		1.50
								860 FV CR	**2C533100**		2.50
								732 FV CR			
								501 1PCO PC GI			
		4		2N, 8N, 9N Piston #8N6110 S/N 42162-on	80.96	2.25	3.71	362 BF 3CR GI	**2C535**	4 Cyl.	STD
						2.25	3.23	126 RVT PC GI			
						4.75	1.27	860 FV CR			
								732 FV CR			
		4		2N, 8N, 9N Ford 4 Ring Piston Also ava. in .083	80.96	2.25	3.71	362 BF 3CR GI	**2C549**	4 Cyl.	STD
						2.25	3.23	126 RVT PC GI	**2C549100**		2.50
						4.75	4.39	860 FV CR			
						4.75	3.73	732 FV CR			
								501 1PCO PC GI			
		4		2N, 2NAN, 8N, 8NAN, 9N, 9NAN For Sealed Power Piston #1630K, 1650K	80.96	2.25	3.71	362 BF 3CR GI	**2C7505**	4 Cyl.	STD
						2.25	3.23	126 RVT PC GI			
						4.00	3.81	056 FV CR			
						4.00	3.86	732 FV CR			
								501 1PCO PC GI			
		4		2N, 8N, 9N To S/N 42162	80.96	2.25	3.71	362 BF 3CR GI	**2C825**	4 Cyl.	STD
119 cu. in.			1941-45	Eng 3 Ring Piston 30 H.P.		2.25	3.23	126 RVT PC GI			
				All Models Steel Sleeve		4.00	4.39	860 FV CR			
								732 FV CR			
153cu. in.	2495	6	2000-01	, AJ25 Mazda	81.60	1.20	3.12	398 BF CR S	**2C5160**	6 Cyl.	STD
						1.50	3.89	126 RVT PC GI	**2C5160020**		0.50
						3.00	3.43	054 FV CR	**2C5160030**		0.75
								732 FV CR	**2C5160040**		1.00
116cu. in.		4	1987-96	Ford, Mercury	81.94	1.50	3.86	032 BF PC GI	**4261**	4 Cyl.	STD
						1.50	3.25	126 RVT PC GI	**4261020**		0.50
						3.00	3.18	054 FV CR	**4261030**		0.75
								732 FV CR	**4261040**		1.00
								327 BF PM GI	**2M4261**		STD
								126 RVT PC GI	**2M4261010**		0.25
								054 FV CR	**2M4261020**		0.50
								732 FV CR	**2M4261030**		0.75
									2M4261040		1.00
									2M4261060		1.50
116cu. in.		4	1985-86	Ford, Mercury	82.00	1.50	3.86	032 BF PC GI	**4301**	4 Cyl.	STD
						1.50	3.25	126 RVT PC GI	**4301020**		0.50
						4.00	3.18	058 FV CR	**4301030**		0.75
								732 FV CR	**4301040**		1.00
									4301060		1.50
								327 BF PM GI	**2M4301**		STD
								126 RVT PC GI	**2M4301020**		0.50
								058 FV CR	**2M4301030**		0.75
								732 FV CR	**2M4301040**		1.00
									2M4301060		1.50
	1596	4		DOHC 16V Made in China	82.00	1.20	3.12	398 BF CR S	**2C4548**	4 Cyl.	STD
						1.50	3.25	126 RVT PC GI	**2C4548020**		0.50
						2.00	3.18	934 FV CR	**2C4548030**		0.75
								005 FV CR			
97.6 cu. in.	1600	4	2003-On	9 Fiesta, Rocam, Zetec Made in Brazil	82.04	1.20	3.33	398 BF CR S	**2C5144**	4 Cyl.	STD
97.6 cu. in.	1600		2000-On	9 Courier Made in Brazil		1.50	3.23	126 RVT PC GI	**2C5144020**		0.50
						2.00	2.92	993 FV CR	**2C5144030**		0.75
								005 FV CR	**2C5144040**		1.00
									2C5144060		1.50

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
FORD MOTORS											
153cu. in.		6	1995-02	DOHC, Vin: G,L Contour, Modeo	82.40	1.20	3.12	398 BF CR S	**2C4794**	6 Cyl.	STD
						1.50	3.91	126 RVT PC GI	**2C4794020**		0.50
						3.00	3.43	054 FV CR	**2C4794030**		0.75
								732 FV CR	**2C4794040**		1.00
207cu. in.		8	1996-99	, SHO Vin: N	82.40	1.20	3.12	398 BF CR S	**2C4886**	8 Cyl.	STD
						1.50	3.91	126 RVT PC GI	**2C4886010**		0.25
						3.00	3.43	054 FV CR	**2C4886020**		0.50
								732 FV CR	**2C4886030**		0.75
									2C4886040		1.00
112cu. in.		4	1991-98	Mercury	83.00	1.50	3.20	032 BF PC GI	**4651**	4 Cyl.	STD
						1.50	3.25	126 RVT PC GI	**4651010**		0.25
						3.00	3.30	054 FV CR	**4651020**		0.50
								732 FV CR	**4651040**		1.00
								376 BF CR DI	**2C4651**		STD
								126 RVT PC GI	**2C4651010**		0.25
								054 FV CR	**2C4651020**		0.50
								732 FV CR	**2C4651030**		0.75
									2C4651040		1.00
									2C4651060		1.50
								326 TBF GN SS	**2N4651**		STD
								435 SCRP PC GI			
								672 FV GN			
								708 FV GN			
121cu. in.	1991	4	1993-97	, DOHC Vin: A	83.00	1.20	3.12	398 BF CR S	**2C4749**	4 Cyl.	STD
						1.50	3.25	126 RVT PC GI	**2C4749010**		0.25
						3.00	3.30	054 FV CR	**2C4749020**		0.50
								732 FV CR	**2C4749030**		0.75
									2C4749040		1.00
110cu. in.	1798	4		Focus, DOHC Duratec Made in China	83.00	1.20	3.12	398 BF CR S	**2C5316**	4 Cyl.	STD
						1.20	3.35	610 RVT PC GI			
						2.50	2.92	995 FV CR			
								732 FV CR			
152cu. in.	2497	6	1993-97	, Vin: B	84.50	1.50	3.43	032 BF PC GI	**4750**	6 Cyl.	STD
						1.50	3.84	126 RVT PC GI	**4750020**		0.50
						3.00	3.18	054 FV CR	**4750030**		0.75
								732 FV CR	**4750040**		1.00
								362 BF 3CR GI	**2C4750**		STD
								126 RVT PC GI	**2C4750020**		0.50
								054 FV CR	**2C4750030**		0.75
								732 FV CR	**2C4750040**		1.00
121cu. in.	1991	4		, Vin: B,3 Spec 2nd ring gap .026 to .036	84.86	1.50	3.25	335 T PM DI	**2M4987**	4 Cyl.	STD
						1.75	3.84	130 RVL PC GI	**2M4987020**		0.50
						3.00	3.56	54 FV CR	**2M4987030**		0.75
								732 FV CR	**2M4987040**		1.00
121cu. in.	1991	4	1995-02	Escort, Vin: P	84.86	1.50	3.43	032 BF PC GI	**4889**	4 Cyl.	STD
						1.50	4.04	126 RVT PC GI	**4889020**		0.50
						3.00	3.56	054 FV CR	**4889030**		0.75
								732 FV CR	**4889040**		1.00
								335 T PM DI	**2M4889**		STD
								126 RVT PC GI	**2M4889020**		0.50
								054 FV CR	**2M4889030**		0.75
								732 FV CR	**2M4889040**		1.00
	1991	4	1998-04		84.86	1.50	3.25	335 T PM DI	**2M4987**	4 Cyl.	STD
						1.75	3.84	130 RVT PC GI			
						3.00	3.56	054 FV CR			
								732 FV CR			
121cu. in.		4	1997-04	Escort, Focus Vin: P,5 SOHC/DOHC	84.86	1.20	3.33	398 BF CR S	**2C5150**	4 Cyl.	STD
						1.50	4.04	126 RVT PC GI	**2C5150020**		0.50
						3.00	3.56	054 FV CR	**2C5150030**		0.75
								732 FV CR	**2C5150040**		1.00
122cu. in.		4		Diesel Ford	85.98	2.00	3.71	335 T PM DI	**2D4210**	4 Cyl.	STD
						2.00	3.89	401 SCRP PC GI	**2D421025**		0.25
						4.00	3.78	553 CF CR GI	**2D421050**		0.50
								881 2PCO	**2D421075**		0.75
									2D4210100		1.00

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
FORD MOTORS											
240cu. in.		8	2000-06	DOHC Vin: A	86.00	1.20	3.33	398 BF CR S	**2C5142**	8 Cyl.	STD
						1.50	3.43	126 RVT PC GI	**2C5142020**		0.50
						2.50	3.05	995 FV CR	**2C5142030**		0.75
								732 FV CR	**2C5142040**		1.00
134cu. in.		4	1989-94	Ford Probe Incl. Turbo	86.00	1.50	3.45	032 BF PC GI	**5664**	4 Cyl.	STD
						1.50	3.78	435 SCRP PC GI	**5664020**		0.50
						4.00	3.68	058 FV CR	**5664030**		0.75
								732 FV CR	**5664040**		1.00
									5664060		1.50
								362 BF 3CR GI	**2C5664**		STD
								435 SCRP PC GI	**2C5664010**		0.25
								058 FV CR	**2C5664020**		0.50
								732 FV CR	**2C5664030**		0.75
									2C5664040		1.00
									2C5664060		1.50
								335 T PM DI	**2M5664**		STD
								435 SCRP PC GI	**2M5664010**		0.25
								058 FV CR	**2M5664020**		0.50
								732 FV CR	**2M5664030**		0.75
									2M5664040		1.00
									2M5664060		1.50
								322 BF GN SS	**2N5664**		STD
								126 RVT PC GI			
								672 FV GN			
								708 FV GN			
183cu. in.		6	1993-98	Villager, Vin: W,1	87.00	1.50	3.33	032 BF PC GI	**6196**	6 Cyl.	STD
						1.50	4.14	126 RVT PC GI	**6196020**		0.50
						2.80	3.30	861 FV CR	**6196030**		0.75
								732 FV CR	**6196040**		1.00
								335 T PM DI	**2M6196**		STD
								126 RVT PC GI	**2M6196020**		0.50
								861 FV CR	**2M6196030**		0.75
								732 FV CR	**2M6196040**		1.00
134 cu. in.		4		E134, JE	87.31	2.25	4.11	362 BF 3CR GI	**2C7501**	4 Cyl.	STD
134 cu. in.				NAA, 501, 541, 600, 601, 700, 701, * 2000, NAB, 600K Series, EAE, EBD		2.25	4.14	126 RVT PC GI			
						4.75	1.27	860 FV CR			
								732 FV CR			
122cu. in.	1999	4	2001-12	, Escape, Focus DOHC DURATEC Mazda	87.50	1.20	3.12	398 BF CR S	**2C5158**	4 Cyl.	STD
	2261		2004-12	138 cu. in Escape, Focus, Fusion Mazda		1.20	3.33	126 RVT PC GI	**2C5158010**		0.25
138 cu. in.	2261		2001-12	, Ranger Mazda		2.50	2.92	995 FV CR	**2C5158020**		0.50
								732 FV CR	**2C5158030**		0.75
									2C5158040		1.00
								326 TBF GN SS	**2N5158**		STD
								126 RVT PC GI	**2N515850**		0.50
								672 FV GN			
								708 FV GN			
								708 FV GN			
		8	1949	All Models Lincoln 4 Ring Piston	88.90	2.25	4.19	362 BF 3CR GI	**2C531**	8 Cyl.	STD
337 cu. in.			1948-51	4 Ring Piston		2.25	4.22	126 RVT PC GI			
						4.75	1.27	860 FV CR			
						4.75	3.99	732 FV CR			
								501 1PCO PC GI			
254 cu. in.		6	1949-52	8MB, 112 H.P. 3 Ring Piston	88.90	2.25	4.19	362 BF 3CR GI	**2C534**	6 Cyl.	STD
						2.25	4.22	126 RVT PC GI			
						4.75	1.27	860 FV CR			
								732 FV CR			
239cu. in.		8	1954	Ford 130 H.P.	88.90	2.38	4.19	032 BF PC GI	**562**	8 Cyl.	STD
			1949-51	All Models Lincoln 3 Ring Piston		2.38	4.22	126 RVT PC GI	**562020**		0.50
239 cu. in.			1954-55	3 Ring Piston		4.75	1.27	860 FV CR	**562040**		1.00
337 cu. in.			1948-52	3 Ring Piston				732 FV CR			
								362 BF 3CR GI	**2C562**		STD
								126 RVT PC GI			
								860 FV CR			
								732 FV CR			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
FORD MOTORS											
170cu. in.		6	1960-67	144, 1 Ford	88.90	2.00	4.19	032 BF PC GI	**582**	6 Cyl.	STD
170cu. in.			1968-72			2.00	4.22	126 RVT PC GI	**582005**		0.13
170 cu. in.			1961-69	144, Engs.		4.75	4.39	860 FV CR	**582030**		0.75
170 cu. in.			1970-71	144, Engs.				732 FV CR	**582040**		1.00
									582060		1.50
								362 BF 3CR GI	**2C582**		STD
								126 RVT PC GI	**2C582005**		0.13
								860 FV CR			
								732 FV CR			
								327 BF PM GI	**2M582**		STD
								126 RVT PC GI	**2M582030**		0.75
								860 FV CR	**2M582040**		1.00
								732 FV CR	**2M582005**		0.13
134cu. in.	2200	4	1983-84	Diesel B2200 Ford	88.90	2.25	3.63	376 BF CR DI	**2D6159**	4 Cyl.	STD
134 cu. in.			1983-84	Diesel Vin: P SOHC Mazda B2200		2.25	3.66	126 RVT PC GI	**2D615925**		0.25
						4.75	4.24	553 CF CR GI	**2D615950**		0.50
								881 2PCO	**2D615975**		0.75
									2D6159100		1.00
									2D6159150		1.50
		4		600, 700 NAA Gas INCREASE BORE SLEEVE KIT	88.90	2.25	4.19	362 BF 3CR GI	**2C6189**	4 Cyl.	STD
						2.25	4.22	126 RVT PC GI			
						4.75	1.27	860 FV CR			
								732 FV CR			
221cu. in.		8	1962-63	Ford, Mercury	88.90	2.00	4.19	032 BF PC GI	**652**	8 Cyl.	STD
221 cu. in.			1962-63			2.00	4.22	126 RVT PC GI	**652030**		0.75
221 cu. in.						4.75	1.27	860 FV CR	**652040**		1.00
								732 FV CR	**652060**		1.50
								363 BF CR GI	**2C652**		STD
								126 RVT PC GI	**2C652010**		0.25
								860 FV CR	**2C652020**		0.50
								732 FV CR	**2C652030**		0.75
									2C652040		1.00
								327 BF PM GI	**2M652**		STD
								126 RVT PC GI	**2M652030**		0.75
								860 FV CR	**2M652040**		1.00
								732 FV CR			
183cu. in.		6	1989-95	Ford Taurus, Mercury SHO	89.00	1.20	3.73	398 BF CR S	**2C4650**	6 Cyl.	STD
						1.50	4.01	126 RVT PC GI	**2C4650020**		0.50
						2.80	3.30	861 FV CR	**2C4650030**		0.75
								732 FV CR	**2C4650040**		1.00
183cu. in.		6	1996-00	Vin: S Durtec/24V	89.00	1.20	3.73	398 BF CR S	**2C4888**	6 Cyl.	STD
						1.50	4.01	126 RVT PC GI	**2C4888010**		0.25
						3.00	3.81	872 FV CR	**2C4888020**		0.50
								005 FV CR	**2C4888030**		0.75
									2C4888040		1.00
									2C4888060		1.50
183cu. in.		6	2000-12	Vin: S,U,V,1,2 w/2.5mm oil ring	89.00	1.20	3.33	398 BF CR S	**2C5077**	6 Cyl.	STD
183 cu. in.			2001-05	, Vin: S,U,V,2 w/2.5mm oil ring		1.50	4.01	126 RVT PC GI	**2C5077010**		0.25
						2.50	3.81	872 FV CR	**2C5077020**		0.50
								005 FV CR	**2C5077030**		0.75
									2C5077040		1.00
183cu. in.		6	1998-01	w/3.00mm oil ring	89.00	1.50	3.38	032 BF PC GI	**5107**	6 Cyl.	STD
183 cu. in.			1998-01	, Ranger w/3.00mm oil ring		1.50	4.01	126 RVT PC GI	**5107010**		0.25
						3.00	3.81	872 FV CR	**5107020**		0.50
								005 FV CR	**5107030**		0.75
									5107040		1.00
									5107060		1.50
								327 BF PM GI	**2M5107**		STD
								126 RVT PC GI	**2M5107010**		0.25
								872 FV CR	**2M5107020**		0.50
								005 FV CR	**2M5107030**		0.75
									2M5107040		1.00
									2M5107060		1.50

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
FORD MOTORS											
152cu. in.		4	2009-14	DOHC 16V Duratec 25 Escape, Fusion, Milan	89.00	1.20	3.33	398 BF CR S	**2C5162**	4 Cyl.	STD
						1.20	3.68	610 RVT PC GI	**2C5162010**		0.25
						2.50	2.79	995 FV CR	**2C5162020**		0.50
								732 FV CR	**2C5162030**		0.75
									2C5162040		1.00
183cu. in.		6	1986-00	Ford Aerostar, Mercury Vin:U Exc: SHO Shallow Oil Ring Groove Flex-fuel use 2C5762	89.00	1.50	3.38	032 BF PC GI	**5762**	6 Cyl.	STD
183 cu. in.			1986-00	, Vin: U		1.50	4.01	126 RVT PC GI	**5762010**		0.25
						4.00	3.30	052 FV CR	**5762020**		0.50
								005 FV CR	**5762030**		0.75
									5762040		1.00
									5762060		1.50
								363 BF CR GI	**2C5762**		STD
								126 RVT PC GI	**2C5762010**		0.25
								052 FV CR	**2C5762020**		0.50
								005 FV CR	**2C5762030**		0.75
									2C5762040		1.00
								327 BF PM GI	**2M5762**		STD
								126 RVT PC GI	**2M5762010**		0.25
								052 FV CR	**2M5762020**		0.50
								005 FV CR	**2M5762030**		0.75
									2M5762040		1.00
122 cu. in.		4	1983-89	Ranger	89.32	2.00	3.38	032 BF PC GI	**5690**	4 Cyl.	STD
						2.00	3.99	126 RVT PC GI	**5690020**		0.50
						4.75	4.88	860 FV CR	**5690030**		0.75
								732 FV CR	**5690040**		1.00
									5690060		1.50
								362 BF 3CR GI	**2C5690**		STD
								126 RVT PC GI	**2C5690020**		0.50
								860 FV CR	**2C5690030**		0.75
								732 FV CR	**2C5690040**		1.00
									2C5690060		1.50
								327 BF PM GI	**2M5690**		STD
								126 RVT PC GI	**2M5690020**		0.50
								860 FV CR	**2M5690030**		0.75
								732 FV CR	**2M5690040**		1.00
									2M5690060		1.50
	1700	4		104 GF-SAAB V/4	90.00	2.00	4.24	032 BF PC GI	**4276**	4 Cyl.	STD
	2000					3.00	4.27	126 RVT PC GI			
						4.00	4.39	860 FV CR			
								732 FV CR			
159cu. in.	2600	6	1972-74	Mercury Capri	90.00	2.00	4.24	032 BF PC GI	**9100**	6 Cyl.	STD
						3.00	4.27	126 RVT PC GI			
						4.00	1.27	860 FV CR			
								732 FV CR			
281cu. in.		8	1991-14	Lincoln, Mercury, SOHC Vin: L,V,W,X,6	90.20	1.50	3.45	032 BF PC GI	**4628**	8 Cyl.	STD
281 cu. in.			1996-14	Vin: V,W,X,6		1.50	3.78	126 RVT PC GI	**4628010**		0.25
330 cu. in.			1996-14	Vin: A,L,R,3,5		3.00	3.81	872 FV CR	**4628020**		0.50
								732 FV CR	**4628030**		0.75
									4628040		1.00
									4628060		1.50
								397 BF PM S	**2M4628**		STD
								126 RVT PC GI	**2M4628005**		0.13
								872 FV CR	**2M4628010**		0.25
								732 FV CR	**2M4628020**		0.50
									2M4628030		0.75
									2M4628040		1.00
									2M4628060		1.50
330cu. in.		8	2006-14	Mustang Vin: S w/2.5mm oil grv.	90.20	1.50	3.45	336 T PM DI	**2M4755**	8 Cyl.	STD
						1.50	3.78	126 RVT PC GI			
						2.50	2.92	995 FV CR			
								732 FV CR			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
FORD MOTORS											
415 cu. in.		10	1996-14	Vin: S,Y	90.20	1.50	3.45	032 BF PC GI	**4814**	10 Cyl.	STD
						1.50	3.78	126 RVT PC GI	**4814010**		0.25
						3.00	3.81	872 FV CR	**4814020**		0.50
								732 FV CR	**4814030**		0.75
									4814040		1.00
								397 BF PM S	**2M4814**		STD
								126 RVT PC GI	**2M4814010**		0.25
								872 FV CR	**2M4814020**		0.50
								732 FV CR	**2M4814030**		0.75
									2M4814040		1.00
									2M4814060		1.50
281cu. in.		8	1998-06	DOHC, Triton 32 Valve Vin: V,X,9	90.20	1.20	3.53	398 BF CR S	**2C5018**	8 Cyl.	STD
						1.50	3.78	126 RVT PC GI	**2C5018010**		0.25
						3.00	3.81	872 FV CR	**2C5018020**		0.50
								732 FV CR	**2C5018030**		0.75
									2C5018040		1.00
									2C5018060		1.50
215cu. in.		6	1952-53	Ford	90.49	2.38	3.66	032 BF PC GI	**136**	6 Cyl.	STD
215 cu. in.			1952-53			2.25	4.29	126 RVT PC GI	**136020**		0.50
						4.75	4.62	860 FV CR	**136030**		0.75
								732 FV CR	**136040**		1.00
									136080		2.00
								362 BF 3CR GI	**2C136**		STD
								126 RVT PC GI	**2C136030**		0.75
								860 FV CR	**2C136040**		1.00
								732 FV CR			
144 cu. in.		4		501, 601, 701, 2000, 3000 Diesel	90.49	2.25	4.27	362 BF 3CR GI	**2C7106**	4 Cyl.	STD
						2.25	4.29	126 RVT PC GI	**2C7106040**		1.00
						2.25	4.29	126 RVT PC GI			
						4.75	2.49	501 1PCO PC GI			
								825 2PCO			
140 cu. in.		4	1985-87	Diesel Turbo	91.10	2.50	4.04	370 HKST 3CR GI	**2D5666**	4 Cyl.	STD
						2.00	4.06	370 HKST 3CR GI	**2D566650**		0.50
						4.00	4.24	204 CF CR DI	**2D566675**		0.75
								881 2PCO	**2D5666100**		1.00
250cu. in.		6	1989-92	E.A. Falcon OHC Australia	91.86	1.50	3.45	032 BF PC GI	**4722**	6 Cyl.	STD
						1.50	4.06	126 RVT PC GI	**4722020**		0.50
						4.00	4.11	056 FV CR	**4722030**		0.75
								732 FV CR	**4722040**		1.00
									4722060		1.50
								363 BF CR GI	**2C4722**		STD
								126 RVT PC GI	**2C4722020**		0.50
								056 FV CR	**2C4722030**		0.75
								732 FV CR	**2C4722040**		1.00
									2C4722060		1.50
192cu. in.		6	1993-96	Ford Taurus SHO Yamaha	92.00	1.20	3.73	398 BF CR S	**2C4881**	6 Cyl.	STD
						1.50	4.09	401 SCRP PC GI	**2C4881020**		0.50
						2.80	1.14	861 FV CR	**2C4881040**		1.00
								732 FV CR			
223cu. in.		6	1954-64	Ford, Edsel Ranger	92.08	2.38	4.06	032 BF PC GI	**563**	6 Cyl.	STD
223 cu. in.			1954-64	JF, F223		2.38	4.09	126 RVT PC GI	**563020**		0.50
223 cu. in.				3 Ring Piston		4.75	1.27	860 FV CR	**563030**		0.75
								732 FV CR			
								362 BF 3CR GI	**2C563**		STD
								126 RVT PC GI			
								860 FV CR			
								732 FV CR			
272cu. in.		8	1955-57	Ford	92.08	2.38	4.06	032 BF PC GI	**564**	8 Cyl.	STD
			1954	All Models Mercury		2.38	4.09	126 RVT PC GI	**564020**		0.50
272 cu. in.			1954-59	J272, JH, JJ		4.75	1.27	860 FV CR	**564030**		0.75
272 cu. in.				256,				732 FV CR			
								362 BF 3CR GI	**2C564**		STD
								126 RVT PC GI			
								860 FV CR			
								732 FV CR			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
FORD MOTORS											
		8		Ford Hepolite Piston #13394	92.08	2.25	4.06	032 BF PC GI	**593**	8 Cyl.	STD
272 cu. in.			1955-58	Hepolite Piston #13394		2.25	4.09	126 RVT PC GI			
						4.75	1.27	860 FV CR			
						4.75	3.86	732 FV CR			
								501 1PCO PC GI			
242 cu. in.		6		Diesel 6000	92.08	2.25	4.32	362 BF 3CR GI	**2C7153**	6 Cyl.	STD
						2.25	4.09	126 RVT PC GI			
						2.25	4.09	126 RVT PC GI			
						4.75	2.39	501 1PCO PC GI			
								825 2PCO			
233 cu. in.		6		Gas 6000	92.08	2.25	4.32	362 BF 3CR GI	**2C7945**	6 Cyl.	STD
						2.25	4.09	126 RVT PC GI			
						4.75	1.27	860 FV CR			
								732 FV CR			
302cu. in.	4951	8	2011-14	Mustang Vin: F,U	92.20	1.20	3.61	397 BF PM S	**2M4599**	8 Cyl.	STD
302 cu. in.	4951		2011-14	Vin: F,U F150		1.20	3.81	610 RVT PC GI	**2M4599020**		0.50
						2.50	2.92	995 FV CR	**2M4599030**		0.75
								732 FV CR			
213cu. in.		6	2007-14	DOHC 24V Duratec 35 Edge, Fusion, MKX, Sable, Taurus	92.50	1.20	2.92	398 BF CR S	**2C5164**	6 Cyl.	STD
						1.50	3.78	126 RVT PC GI	**2C5164020**		0.50
						2.50	2.92	995 FV CR	**2C5164030**		0.75
								732 FV CR	**2C5164040**		1.00
PRE, PRT, PYA, PRD, PRC, PRB, PRG, PYU, PR6, PR, PR8, PR7	2800	6	1974-79	171cu. in. Ford, Mercury Bobcat & Capri	93.00	2.00	4.34	032 BF PC GI	**4205**	6 Cyl.	STD
171 cu. in.			1983-86	Aerostar, Ranger Vin: S		2.50	4.37	126 RVT PC GI	**4205020**		0.50
						4.00	4.50	860 FV CR	**4205030**		0.75
								732 FV CR	**4205040**		1.00
									4205060		1.50
								362 BF 3CR GI	**2C4205**		STD
								126 RVT PC GI	**2C4205020**		0.50
								860 FV CR	**2C4205030**		0.75
								732 FV CR	**2C4205040**		1.00
									2C4205060		1.50
177cu. in.		6	1986-92	Ford, Mercury Vin: T,V	93.00	1.60	4.09	032 BF PC GI	**4450**	6 Cyl.	STD
177 cu. in.			1986-95			1.75	4.11	126 RVT PC GI	**4450020**		0.50
						3.50	1.27	058 FV CR	**4450030**		0.75
								732 FV CR	**4450040**		1.00
									4450060		1.50
								363 BF CR GI	**2C4450**		STD
								126 RVT PC GI	**2C4450020**		0.50
								058 FV CR	**2C4450030**		0.75
								732 FV CR	**2C4450040**		1.00
									2C4450060		1.50
								327 BF PM GI	**2M4450**		STD
								126 RVT PC GI	**2M4450020**		0.50
								058 FV CR	**2M4450030**		0.75
								732 FV CR	**2M4450040**		1.00
									2M4450060		1.50
	2499	4	2006-11	BT-50 WL-C TDI diesel (Check Ring Widths) Mazda	93.00	2.00	3.40	326 TBF GN SS	**2D7277**	4 Cyl.	STD
						1.50	3.65	236 TF CR DI			
						2.00	3.00	203 CF GN SS			
								881 2PCO			
250cu. in.		6		X-EFI, OHC Ford Falcon Australia	93.47	1.50	3.51	032 BF PC GI	**4409**	6 Cyl.	STD
						1.50	3.84	126 RVT PC GI	**4409030**		0.75
						4.00	4.11	056 FV CR	**4409040**		1.00
								732 FV CR	**4409060**		1.50
								363 BF CR GI	**2C4409**		STD
								126 RVT PC GI	**2C4409030**		0.75
								056 FV CR	**2C4409040**		1.00
								732 FV CR	**2C4409060**		1.50

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
FORD MOTORS											
250cu. in.		6		200, 2 For ACL Duralite Pistons Shallow Oil Ring Groove	93.47	2.00	4.42	032 BF PC GI	**4711**	6 Cyl.	STD
250 cu. in.				200, Ford For ACL Duralite Shallow Oil Ring Groove		2.00	4.14	126 RVT PC GI	**4711010**		0.25
						4.75	4.50	860 FV CR	**4711020**		0.50
								732 FV CR	**4711030**		0.75
									4711040		1.00
									4711060		1.50
								363 BF CR GI	**2C4711**		STD
								126 RVT PC GI	**2C4711020**		0.50
								860 FV CR	**2C4711030**		0.75
								732 FV CR	**2C4711040**		1.00
									2C4711060		1.50
								327 BF PM GI	**2M4711**		STD
								126 RVT PC GI	**2M4711020**		0.50
								860 FV CR	**2M4711030**		0.75
								732 FV CR	**2M4711040**		1.00
									2M4711060		1.50
255cu. in.		8	1980-82	Ford, Mercury	93.47	2.00	4.42	032 BF PC GI	**5618**	8 Cyl.	STD
255 cu. in.			1981-82			2.00	4.14	126 RVT PC GI	**5618020**		0.50
						4.75	1.27	860 FV CR	**5618030**		0.75
								732 FV CR	**5618040**		1.00
									5618060		1.50
								362 BF 3CR GI	**2C5618**		STD
								126 RVT PC GI	**2C5618020**		0.50
								860 FV CR	**2C5618030**		0.75
								732 FV CR	**2C5618040**		1.00
									2C5618060		1.50
								327 BF PM GI	**2M5618**		STD
								126 RVT PC GI	**2M5618020**		0.50
								860 FV CR	**2M5618030**		0.75
								732 FV CR	**2M5618040**		1.00
									2M5618060		1.50
140cu. in.		4	1984-94	Ford, Mercury Hi-Swirl Combustion OHV	93.47	2.00	4.42	032 BF PC GI	**5688**	4 Cyl.	STD
153cu. in.			1986-91	Ford Hi-Swirl Combustion		2.00	4.14	126 RVT PC GI	**5688020**		0.50
						4.75	4.75	860 FV CR	**5688030**		0.75
								732 FV CR	**5688040**		1.00
									5688060		1.50
								363 BF CR GI	**2C5688**		STD
								126 RVT PC GI	**2C5688020**		0.50
								860 FV CR	**2C5688030**		0.75
								732 FV CR	**2C5688040**		1.00
									2C5688060		1.50
								327 BF PM GI	**2M5688**		STD
								126 RVT PC GI	**2M5688020**		0.50
								860 FV CR	**2M5688030**		0.75
								732 FV CR	**2M5688040**		1.00
200cu. in.		6	1963-84	Ford	93.47	2.00	4.42	032 BF PC GI	**586**	6 Cyl.	STD
250cu. in.			1969-80	Ford		2.00	4.14	126 RVT PC GI	**586010**		0.25
200 cu. in.			1963-84			4.75	4.50	860 FV CR	**586020**		0.50
250 cu. in.			1969-77					732 FV CR	**586030**		0.75
									586040		1.00
									586060		1.50
									586080		2.00
								362 BF 3CR GI	**2C586**		STD
								126 RVT PC GI	**2C586010**		0.25
								860 FV CR	**2C586020**		0.50
								732 FV CR	**2C586030**		0.75
									2C586040		1.00
									2C586060		1.50
									2C586080		2.00
								327 BF PM GI	**2M586**		STD
								126 RVT PC GI	**2M586020**		0.50
								860 FV CR	**2M586030**		0.75
								732 FV CR	**2M586040**		1.00
									2M586060		1.50
									2M586080		2.00

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
FORD MOTORS											
262 cu. in.		6			94.49	2.00	4.45	362 BF 3CR GI	**2C583**	6 Cyl.	STD
262 cu. in.			1961-64			2.25	4.47	126 RVT PC GI	**2C583030**		0.75
						4.75	4.75	860 FV CR	**2C583040**		1.00
								732 FV CR	**2C583060**		1.50
363 cu. in.		8	2003-10	Diesel Incl. Turbo VT 365 International Power Stroke Special .055 to .065 gap 2nd Rings	95.00	2.25	3.86	378 BF CC DI	**2D5374**	8 Cyl.	STD
						2.00	4.19	129 T PC	**2D537425**		0.25
						3.50	4.42	553 CF CR GI	**2D537450**		0.50
								881 2PCO	**2D537475**		0.75
									2D5374100		1.00
292cu. in.		8	1955-62	Ford, Edsel Ranger	95.25	2.00	4.47	032 BF PC GI	**568**	8 Cyl.	STD
			1955	All Models Mercury		2.00	4.50	126 RVT PC GI	**568010**		0.25
292 cu. in.			1958-64	K292		4.75	1.27	860 FV CR	**568020**		0.50
292 cu. in.				Medium & Heavy Duty				732 FV CR	**568030**		0.75
									568040		1.00
									568060		1.50
									568080		2.00
									568100		2.50
								363 BF CR GI	**2C568**		STD
								126 RVT PC GI	**2C568010**		0.25
								860 FV CR	**2C568020**		0.50
								732 FV CR	**2C568030**		0.75
									2C568040		1.00
									2C568060		1.50
								327 BF PM GI	**2M568**		STD
								126 RVT PC GI	**2M568010**		0.25
								860 FV CR	**2M568020**		0.50
								732 FV CR	**2M568030**		0.75
									2M568040		1.00
									2M568060		1.50
									2M568080		2.00
									2M568100		2.50
		4	1916-27	T Ford Al Piston	95.25	3.18	4.17	032 BF PC GI	**776**	4 Cyl.	STD
						3.18	3.94	126 RVT PC GI	**776040**		1.00
						4.75	4.19	501 1PCO PC GI			
227cu. in.		6	2009-14	DOHC Vin:K,M,N,R Lincoln, Mustang	95.50	1.20	3.61	397 BF PM S	**2M4183**	6 Cyl.	STD
227 cu. in.			2009-14	DOHC Duratec 37 Edge, F150		1.50	4.19	406 N PC DI	**2M4183020**		0.50
						2.50	3.30	934 FV CR	**2M4183030**		0.75
								005 FV CR	**2M4183040**		1.00
140cu. in.	2300	4	1974-84	Ford	96.00	2.00	3.71	032 BF PC GI	**4203**	4 Cyl.	STD
140 cu. in.			1977-84			2.00	4.22	126 RVT PC GI	**4203020**		0.50
						4.75	5.21	860 FV CR	**4203030**		0.75
								732 FV CR	**4203040**		1.00
									4203060		1.50
								362 BF 3CR GI	**2C4203**		STD
								126 RVT PC GI	**2C4203010**		0.25
								860 FV CR	**2C4203020**		0.50
								732 FV CR	**2C4203030**		0.75
									2C4203040		1.00
									2C4203060		1.50
								327 BF PM GI	**2M4203**		STD
								126 RVT PC GI	**2M4203010**		0.25
								860 FV CR	**2M4203020**		0.50
								732 FV CR	**2M4203030**		0.75
									2M4203040		1.00
									2M4203060		1.50
151 cu. in.		4	1998-01	L4, Vin: C Ranger	96.00	1.50	3.94	032 BF PC GI	**4515**	4 Cyl.	STD
						1.50	3.73	126 RVT PC GI	**4515020**		0.50
						3.00	3.81	872 FV CR	**4515030**		0.75
								732 FV CR	**4515040**		1.00
									4515060		1.50

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
FORD MOTORS											
								327 BF PM GI	**2M4515**		STD
								126 RVT PC GI	**2M4515020**		0.50
								872 FV CR	**2M4515030**		0.75
								732 FV CR	**2M4515040**		1.00
									2M4515060		1.50
140 cu. in.	2300	4	1995-97	, Vin: A Ranger,	96.00	1.50	3.94	032 BF PC GI	**4912**	4 Cyl.	STD
						1.50	3.73	126 RVT PC GI	**4912020**		0.50
						3.00	3.30	054 FV CR	**4912030**		0.75
								732 FV CR	**4912040**		1.00
									4912060		1.50
								362 BF 3CR GI	**2C4912**		STD
								126 RVT PC GI	**2C4912020**		0.50
								054 FV CR	**2C4912030**		0.75
								732 FV CR	**2C4912040**		1.00
									2C4912060		1.50
								327 BF PM GI	**2M4912**		STD
								126 RVT PC GI	**2M4912020**		0.50
								054 FV CR	**2M4912030**		0.75
								732 FV CR	**2M4912040**		1.00
									2M4912060		1.50
140cu. in.	2300	4	1979-89	Ford Turbo	96.00	2.00	4.47	336 T PM DI	**2M5613**	4 Cyl.	STD
						2.00	4.22	126 RVT PC GI	**2M5613020**		0.50
						4.75	1.27	860 FV CR	**2M5613030**		0.75
								732 FV CR	**2M5613040**		1.00
140cu. in.		4	1985-97	Ford, Mercury OHC Vin: A	96.00	1.50	3.94	032 BF PC GI	**5761**	4 Cyl.	STD
140 cu. in.			1985-94	, Vin: A		1.50	3.73	126 RVT PC GI	**5761020**		0.50
						4.00	3.56	870 FV CR	**5761030**		0.75
								732 FV CR	**5761040**		1.00
									5761060		1.50
								362 BF 3CR GI	**2C5761**		STD
								126 RVT PC GI	**2C5761020**		0.50
								870 FV CR	**2C5761030**		0.75
								732 FV CR	**2C5761040**		1.00
									2C5761060		1.50
								327 BF PM GI	**2M5761**		STD
								126 RVT PC GI	**2M5761020**		0.50
								870 FV CR	**2M5761030**		0.75
								732 FV CR	**2M5761040**		1.00
									2M5761060		1.50
260cu. in.		8	1962-65	Ford	96.52	2.00	3.71	032 BF PC GI	**571**	8 Cyl.	STD
312cu. in.			1956-57	Ford		2.25	4.24	126 RVT PC GI	**571030**		0.75
312 cu. in.			1962-64	260,		4.75	4.62	860 FV CR	**571040**		1.00
								732 FV CR	**571060**		1.50
								362 BF 3CR GI	**2C571**		STD
								126 RVT PC GI	**2C571030**		0.75
								860 FV CR	**2C571040**		1.00
								732 FV CR	**2C571060**		1.50
								327 BF PM GI	**2M571**		STD
								126 RVT PC GI	**2M571030**		0.75
								860 FV CR	**2M571040**		1.00
								732 FV CR	**2M571060**		1.50
317cu. in.		8	1952-54	All Models Lincoln	96.52	2.00	3.71	032 BF PC GI	**696**	8 Cyl.	STD
332 cu. in.			1952-57	317, Engs. Sterling Piston H791P		2.00	4.57	126 RVT PC GI	**696010**		0.25
						4.75	4.62	860 FV CR	**696020**		0.50
								732 FV CR	**696030**		0.75
									696040		1.00
									696060		1.50
								362 BF 3CR GI	**2C696**		STD
								126 RVT PC GI	**2C696010**		0.25
								860 FV CR	**2C696020**		0.50
								732 FV CR	**2C696030**		0.75
									2C696040		1.00
									2C696060		1.50
								327 BF PM GI	**2M696**		STD
								126 RVT PC GI	**2M696020**		0.50
								860 FV CR	**2M696030**		0.75
								732 FV CR	**2M696040**		1.00
									2M696060		1.50

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
FORD MOTORS											
232cu. in.		6	1988-95	Ford, Lincoln, Mercury	96.80	1.50	3.63	032 BF PC GI	**4262**	6 Cyl.	STD
232 cu. in.			1988-95			1.50	4.22	126 RVT PC GI	**4262020**		0.50
						4.00	3.18	052 FV CR	**4262030**		0.75
								005 FV CR	**4262040**		1.00
									4262060		1.50
								327 BF PM GI	**2M4262**		STD
								126 RVT PC GI	**2M4262020**		0.50
								052 FV CR	**2M4262030**		0.75
								005 FV CR	**2M4262040**		1.00
									2M4262060		1.50
232cu. in.		6	1988-95	Ford Supercharged	96.80	1.50	4.55	335 T PM DI	**2M4717**	6 Cyl.	STD
						1.50	4.22	126 RVT PC GI	**2M4717020**		0.50
						4.00	3.18	052 FV CR	**2M4717030**		0.75
								005 FV CR	**2M4717040**		1.00
232cu. in.		6	1996-04	Ford, Mercury Vin: 4	96.80	1.50	3.63	032 BF PC GI	**4885**	6 Cyl.	STD
232 cu. in.			1996-03	Windstar Vin: 4		1.50	4.22	126 RVT PC GI	**4885010**		0.25
238 cu. in.			2005-07	Vin: 6		3.00	3.94	872 FV CR	**4885020**		0.50
256 cu. in.			1997-07	Vin: 2,4				732 FV CR	**4885030**		0.75
									4885040		1.00
									4885060		1.50
								335 T PM DI	**2M4885**		STD
								126 RVT PC GI	**2M4885010**		0.25
								872 FV CR	**2M4885020**		0.50
								732 FV CR	**2M4885030**		0.75
									2M4885040		1.00
									2M4885060		1.50
								322 BF GN SS	**2N4885**		STD
								126 RVT PC GI	**2N488575**		0.75
								672 FV GN	**2N4885100**		1.00
								708 FV GN			
232cu. in.		6	1982-87	Ford, Lincoln, Mercury	96.80	2.00	4.22	032 BF PC GI	**5649**	6 Cyl.	STD
232 cu. in.			1981-87			2.00	4.22	126 RVT PC GI	**5649020**		0.50
						4.00	4.50	860 FV CR	**5649030**		0.75
								732 FV CR	**5649040**		1.00
									5649060		1.50
								363 BF CR GI	**2C5649**		STD
								126 RVT PC GI	**2C5649020**		0.50
								860 FV CR	**2C5649030**		0.75
								732 FV CR	**2C5649040**		1.00
									2C5649060		1.50
								327 BF PM GI	**2M5649**		STD
								126 RVT PC GI	**2M5649020**		0.50
								860 FV CR	**2M5649030**		0.75
								732 FV CR	**2M5649040**		1.00
									2M5649060		1.50
391 cu. in.		8		Vin: R 32V Turbo V8 Power Stroke DIESEL	98.20	2.50	3.84	208 FKST CC DI	**2D5741**	8 Cyl.	STD
						2.00	4.42	129 T PC	**2D574125**		0.25
						3.00	3.30	553 CF CR GI	**2D574150**		0.50
								881 2PCO	**2D574175**		0.75
A, B, A, AA, BB		4	1928-33	A, AA, BB Late 1928 Ford	98.43	3.18	3.96	032 BF PC GI	**120**	4 Cyl.	STD
200 cu. in.			1928-34			3.18	3.99	126 RVT PC GI	**120030**		0.75
			1928-33	A, B		4.00	4.24	056 FV CR	**120040**		1.00
				A, AA, BB Late 1928				732 FV CR	**120060**		1.50
									120080		2.00
									120100		2.50
									120125		3.13
330 cu. in.		8	1964-77	Zollner Piston #3289	98.43	2.25	4.62	363 BF CR GI	**2C5608**	8 Cyl.	STD
						2.00	4.65	126 RVT PC GI			
						4.75	4.88	860 FV CR			
								732 FV CR			
		8		HD330	98.43	2.00	4.62	363 BF CR GI	**2C589**	8 Cyl.	STD
330 cu. in.			1964-67	Eng Heavy Duty		2.25	3.99	126 RVT PC GI	**2C589010**		0.25
						6.00	4.88	860 FV CR	**2C589020**		0.50
								732 FV CR	**2C589030**		0.75

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
FORD MOTORS											
		8		MD330	98.43	2.00	4.62	032 BF PC GI	**591**	8 Cyl.	STD
330 cu. in.			1964-84	Medium		2.38	3.99	126 RVT PC GI	**591010**		0.25
330 cu. in.				Medium Duty		4.75	4.88	860 FV CR	**591020**		0.50
								732 FV CR	**591030**		0.75
									591040		1.00
									591060		1.50
									591080		2.00
								363 BF CR GI	**2C591**		STD
								126 RVT PC GI	**2C591010**		0.25
								860 FV CR	**2C591020**		0.50
								732 FV CR	**2C591030**		0.75
									2C591040		1.00
									2C591060		1.50
									2C591080		2.00
								327 BF PM GI	**2M591**		STD
								126 RVT PC GI	**2M591020**		0.50
								860 FV CR	**2M591030**		0.75
								732 FV CR	**2M591040**		1.00
									2M591060		1.50
									2M591080		2.00
		8		HD330	98.43	2.00	4.62	032 BF PC GI	**6607**	8 Cyl.	STD
330 cu. in.			1967-69	Heavy Duty - 4 Ring Piston		2.00	4.65	126 RVT PC GI	**6607020**		0.50
						2.00	4.65	126 RVT PC GI	**6607030**		0.75
						4.75	4.88	860 FV CR	**6607040**		1.00
								732 FV CR	**6607060**		1.50
								363 BF CR GI	**2C6607**		STD
								126 RVT PC GI	**2C6607020**		0.50
								126 RVT PC GI	**2C6607030**		0.75
								860 FV CR	**2C6607040**		1.00
								732 FV CR	**2C6607060**		1.50
330 cu. in.		8		Heavy Duty	98.43	2.38	4.62	032 BF PC GI	**6685**	8 Cyl.	STD
330 cu. in.			1970-84	Heavy Duty - 4 Ring Piston		2.00	4.65	126 RVT PC GI	**6685010**		0.25
						2.00	4.65	126 RVT PC GI	**6685020**		0.50
						4.75	4.88	860 FV CR	**6685030**		0.75
								732 FV CR	**6685040**		1.00
									6685060		1.50
								363 BF CR GI	**2C6685**		STD
								126 RVT PC GI			
								126 RVT PC GI			
								860 FV CR			
								732 FV CR			
335 cu. in.		8	1968-84	Produced in Mexico	99.06	2.00	4.67	363 BF CR GI	**2C5647**	8 Cyl.	STD
						2.00	4.70	352 RVT 3CR GI	**2C5647020**		0.50
						2.00	4.70	126 RVT PC GI	**2C5647030**		0.75
						4.75	4.88	860 FV CR	**2C5647040**		1.00
								732 FV CR			
406 cu. in.		8	2011-14	32V Vin;T Power Stroke Turbo OHV direct injection	99.00	3.00	3.81	208 FKST CC DI	**2D5853**	8 Cyl.	STD
						2.00	3.84	409 TFN CI	**2D585325**		0.25
						2.50	2.87	203 CF GN SS	**2D585350**		0.50
								881 2PCO	**2D585375**		0.75
									2D5853100		1.00
172 cu. in.		4		D172 3 Groove Piston	99.06	2.50	4.67	363 BF CR GI	**2C7673**	4 Cyl.	STD
172 cu. in.				Gas 800, 801, 900, 901, 1801, 4000 Series EAF, EBE		2.25	4.70	126 RVT PC GI			
						4.75	4.88	860 FV CR			
								732 FV CR			
172 cu. in.		4		DD172 5 Groove Piston	99.06	2.50	4.67	363 BF CR GI	**2C7999**	4 Cyl.	STD
172 cu. in.				Diesel 801, 841, 901, 1801, 4000D		2.25	4.70	126 RVT PC GI			
						2.25	4.70	126 RVT PC GI			
						4.75	2.64	501 1PCO PC GI			
						4.75	4.34	825 2PCO			
								501 1PCO PC GI			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
FORD MOTORS											
341cu. in.		8	1955	All Models Linclon	100.01	2.00	4.34	032 BF PC GI	**636**	8 Cyl.	STD
341 cu. in.			1955	EBJ		2.00	4.37	126 RVT PC GI	**636030**		0.75
						4.75	1.27	860 FV CR			
								732 FV CR			
244cu. in.		6	1990-01	Vin: E,X	100.40	1.60	4.11	032 BF PC GI	**4627**	6 Cyl.	STD
244 cu. in.			1990-01	Vin: E, X, SOHC, OHV		1.75	4.14	126 RVT PC GI	**4627020**		0.50
						3.50	3.61	874 FV CR	**4627030**		0.75
								732 FV CR	**4627040**		1.00
									4627060		1.50
								335 T PM DI	**2M4627**		STD
								126 RVT PC GI	**2M4627010**		0.25
								874 FV CR	**2M4627020**		0.50
								732 FV CR	**2M4627030**		0.75
									2M4627040		1.00
									2M4627060		1.50
		6	2002-11	245cu. in Vin: E,K SOHC	100.40	1.20	3.73	398 BF CR S	**2C5187**	6 Cyl.	STD
245 cu. in.			2002-11	Vin: E,K SOHC		1.50	4.14	126 RVT PC GI	**2C5187010**		0.25
						3.00	3.30	054 FV CR	**2C5187020**		0.50
								732 FV CR	**2C5187030**		0.75
									2C5187040		1.00
289 C.I.D.		8	1963-68	4.7L FORD, MERCURY	101.60	2.00	4.78	032 BF PC GI	**139**	8 Cyl.	STD
302 C.I.D.		8	1968-86	5.0L FORD, LINCOLN, MERCURY		2.00	4.80	126 RVT PC GI	**139010**		0.25
351 C.I.D. VIN.# C, M, W		8	1968-95	5.8L FORD, LINCOLN, MERCURY		4.75	4.88	860 FV CR	**139020**		0.50
352 C.I.D.		8	1966	FORD				732 FV CR	**139030**		0.75
400 C.I.D		8	1971-86	6.6L FORD, LINCOLN, MERCURY					**139040**		1.00
									139060		1.50
									139070		1.75
									139080		2.00
									139100		2.50
								362 BF 3CR GI	**2C139**		STD
								126 RVT PC GI	**2C139010**		0.25
								860 FV CR	**2C139020**		0.50
								732 FV CR	**2C139030**		0.75
									2C139040		1.00
									2C139060		1.50
									2C139070		1.75
									2C139080		2.00
								397 BF PM S	**2M139**		STD
								126 RVT PC GI	**2M139005**		0.13
								860 FV CR	**2M139010**		0.25
								732 FV CR	**2M139020**		0.50
									2M139030		0.75
									2M139040		1.00
									2M139060		1.50
									2M139070		1.75
									2M139080		2.00
									2M139100		2.50
302cu. in.		8	1986-95	Ford, Mercury, Vin: N Exc. "Lightning"	101.60	1.50	3.96	032 BF PC GI	**4346**	8 Cyl.	STD
302 cu. in.			1986-92			1.50	4.37	126 RVT PC GI	**4346020**		0.50
302 cu. in.			1986-95	Exc. "Lightning"		4.00	3.48	635 FV CR	**4346030**		0.75
351 cu. in.			1995-98	Vin: W Shallow Oil Grv. Exc. "Lightning"				732 FV CR	**4346040**		1.00
									4346060		1.50
								327 BF PM GI	**2M4346**		STD
								126 RVT PC GI	**2M4346010**		0.25
								635 FV CR	**2M4346020**		0.50
								732 FV CR	**2M4346030**		0.75
									2M4346040		1.00
									2M4346060		1.50

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
FORD MOTORS											
302cu. in.		8	1996-01	Ford, Mercury, Vin: N Shallow Top & Oil Grv., "Lightning"	101.60	1.50	3.96	032 BF PC GI	**4726**	8 Cyl.	STD
302 cu. in.			1996-01	Ford, Mercury, Vin: N Shallow Top & Oil Grv., "Lightning"		1.50	4.37	126 RVT PC GI	**4726020**		0.50
351 cu. in.			1993-97	Vin: H,N,R, "Lightning" Shallow Top & Oil Grv.		4.00	3.48	635 FV CR	**4726030**		0.75
								732 FV CR	**4726040**		1.00
									4726060		1.50
								335 T PM DI	**2M4726**		STD
								126 RVT PC GI	**2M4726005**		0.13
								635 FV CR	**2M4726010**		0.25
								732 FV CR	**2M4726020**		0.50
									2M4726030		0.75
									2M4726040		1.00
									2M4726060		1.50
300 cu. in.		6	1995-97	Vin: Y	101.60	2.00	4.78	032 BF PC GI	**4879**	6 Cyl.	STD
						2.00	4.80	126 RVT PC GI	**4879020**		0.50
						4.00	3.81	872 FV CR	**4879030**		0.75
								732 FV CR	**4879040**		1.00
									4879060		1.50
								397 BF PM S	**2M4879**		STD
								126 RVT PC GI	**2M4879020**		0.50
								872 FV CR	**2M4879030**		0.75
								732 FV CR	**2M4879040**		1.00
									2M4879060		1.50
420 cu. in.		8	1983-84	Diesel To S/N 59208	101.60	2.00	4.78	336 T PM DI	**2D5662**	8 Cyl.	STD
						2.00	4.80	126 RVT PC GI	**2D566225**		0.25
						4.00	4.45	553 CF CR GI	**2D566250**		0.50
								881 2PCO	**2D566275**		0.75
									2D5662100		1.00
		4		800, 900, 1800, 4000	101.60	2.00	4.78	362 BF 3CR GI	**2C5689**	4 Cyl.	STD
						2.25	4.80	126 RVT PC GI			
						4.75	4.88	860 FV CR			
								732 FV CR			
420 cu. in.		8	1983-88	Diesel	101.60	2.00	4.78	336 T PM DI	**2D5693**	8 Cyl.	STD
						2.00	4.80	126 RVT PC GI	**2D569325**		0.25
						2.80	3.63	553 CF CR GI	**2D569350**		0.50
								881 2PCO	**2D569375**		0.75
									2D5693100		1.00
									2D5693150		1.50
420 cu. in.		8	1983-88	Diesel Special .060 to .070 gap 2nd ring	101.60	2.00	4.78	336 T PM DI	**2D5697**	8 Cyl.	STD
						2.00	4.80	130 RVT PC GI	**2D569725**		0.25
						2.80	3.63	553 CF CR GI	**2D569750**		0.50
								881 2PCO	**2D569775**		0.75
									2D5697100		1.00
									2D5697150		1.50
352cu. in.		8	1958-65	332, 3 Ford, Edsel Corsair	101.60	2.00	4.78	032 BF PC GI	**577**	8 Cyl.	STD
352cu. in.			1956-57	All Models Lincoln		2.38	4.80	126 RVT PC GI	**577020**		0.50
368cu. in.			1957	Mercury		4.75	4.88	860 FV CR	**577030**		0.75
352 cu. in.			1965-67					732 FV CR	**577040**		1.00
									577060		1.50
								362 BF 3CR GI	**2C577**		STD
								126 RVT PC GI	**2C577020**		0.50
								860 FV CR	**2C577030**		0.75
								732 FV CR	**2C577040**		1.00
									2C577060		1.50
								397 BF PM S	**2M577**		STD
								126 RVT PC GI	**2M577020**		0.50
								860 FV CR	**2M577030**		0.75
								732 FV CR	**2M577040**		1.00
									2M577060		1.50

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
FORD MOTORS											
240cu. in.		6	1965-71	Ford	101.60	2.00	4.78	032 BF PC GI	**592**	6 Cyl.	STD
240 cu. in.			1965-92	C5PF		2.00	4.80	126 RVT PC GI	**592010**		0.25
300 cu. in.			1965-77	300, LD Engs. C5PG		4.75	4.88	860 FV CR	**592020**		0.50
240 cu. in.			1977-94					732 FV CR	**592030**		0.75
300 cu. in.			1965-77						**592040**		1.00
300 cu. in.				Heavy Duty					**592060**		1.50
									592080		2.00
								362 BF 3CR GI	**2C592**		STD
								126 RVT PC GI	**2C592010**		0.25
								860 FV CR	**2C592020**		0.50
								732 FV CR	**2C592030**		0.75
									2C592040		1.00
									2C592060		1.50
									2C592080		2.00
								397 BF PM S	**2M592**		STD
								126 RVT PC GI	**2M592020**		0.50
								860 FV CR	**2M592030**		0.75
								732 FV CR	**2M592040**		1.00
									2M592060		1.50
									2M592065		1.63
									2M592080		2.00
								397 BF PM S	**SM592**		STD
								126 RVT PC GI	**SM592020**		0.50
								860 FV CR	**SM592030**		0.75
								732 FV CR	**SM592040**		1.00
									SM592060		1.50
									SM592065		1.63
172 cu. in.		4		Gas 800, 801, 900, 901, 1801, 4000 * Series EAF, EBE M & W Sleeve Kit INCREASE BORE SLEEVE ASSEMBLY FOR ABOVE	101.60	2.50	4.78	363 BF CR GI	**2C7175**	4 Cyl.	STD
						2.25	4.80	126 RVT PC GI			
						2.25	4.80	126 RVT PC GI			
						4.75	4.88	860 FV CR			
								732 FV CR			
379 cu. in.		8	2011-14	Vin: 6 flex fuel SOHC	102.00	1.50	3.53	336 T PM DI	**2M4520**	8 Cyl.	STD
						1.50	4.32	406 N PC DI	**2M4520020**		0.50
						2.50	3.23	985 FV CR	**2M4520030**		0.75
								732 FV CR	**2M4520040**		1.00
391 cu. in.		8		361, Engs.	102.87	2.38	4.85	032 BF PC GI	**5485**	8 Cyl.	STD
391 cu. in.			1968-86	359, 361, 389, Engs. - 3 Ring Piston Zollner Piston #3253 & 3292		2.00	4.88	126 RVT PC GI	**5485010**		0.25
370 cu. in.			1979-95			4.75	4.88	860 FV CR	**5485020**		0.50
								732 FV CR	**5485030**		0.75
									5485040		1.00
									5485060		1.50
									5485080		2.00
								363 BF CR GI	**2C5485**		STD
								126 RVT PC GI	**2C5485010**		0.25
								860 FV CR	**2C5485020**		0.50
								732 FV CR	**2C5485030**		0.75
									2C5485040		1.00
									2C5485060		1.50
									2C5485080		2.00
								327 BF PM GI	**2M5485**		STD
								126 RVT PC GI	**2M5485010**		0.25
								860 FV CR	**2M5485020**		0.50
								732 FV CR	**2M5485030**		0.75
									2M5485040		1.00
									2M5485060		1.50
									2M5485080		2.00

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
FORD MOTORS											
361cu. in.		8	1958-59	Edsel Corsair, Ranger, Pacer, E400	102.87	2.00	4.85	032 BF PC GI	**574**	8 Cyl.	STD
390cu. in.			1968-71	Ford		2.38	4.88	126 RVT PC GI	**574020**		0.50
390cu. in.			1961-65	Ford Thunderbird		4.75	4.88	860 FV CR	**574030**		0.75
390 cu. in.			1968-76	360, Engs.				732 FV CR	**574040**		1.00
									574060		1.50
								362 BF 3CR GI	**2C574**		STD
								126 RVT PC GI	**2C574010**		0.25
								860 FV CR	**2C574020**		0.50
								732 FV CR	**2C574030**		0.75
								345 T PM GI	**2M574**		STD
								126 RVT PC GI	**2M574020**		0.50
								860 FV CR	**2M574030**		0.75
								732 FV CR	**2M574040**		1.00
									2M574060		1.50
391 cu. in.		8		361, Engs.	102.87	2.00	4.85	362 BF 3CR GI	**2C590**	8 Cyl.	STD
391 cu. in.			1964-67	361, Engs.		2.25	4.88	126 RVT PC GI	**2C590020**		0.50
						6.00	4.88	860 FV CR	**2C590030**		0.75
								732 FV CR			
								345 T PM GI	**2M590**		STD
								126 RVT PC GI	**2M590020**		0.50
								860 FV CR	**2M590030**		0.75
								732 FV CR			
390cu. in.		8	1966-67	Ford	102.87	2.00	4.85	032 BF PC GI	**594**	8 Cyl.	STD
410cu. in.			1966-67	Ford, Mercury		2.00	4.88	126 RVT PC GI	**594020**		0.50
390 cu. in.			1967			4.75	1.27	860 FV CR	**594030**		0.75
								732 FV CR	**594040**		1.00
									594060		1.50
								362 BF 3CR GI	**2C594**		STD
								126 RVT PC GI	**2C594020**		0.50
								860 FV CR	**2C594030**		0.75
								732 FV CR			
								327 BF PM GI	**2M594**		STD
								126 RVT PC GI	**2M594020**		0.50
								860 FV CR	**2M594030**		0.75
								732 FV CR	**2M594060**		1.50
391 cu. in.		8		361, Engs.	102.87	2.00	4.85	032 BF PC GI	**6601**	8 Cyl.	STD
359 cu. in.			1970-76			2.00	4.88	126 RVT PC GI	**6601020**		0.50
391 cu. in.			1967-69	361, 389, Engs. 4 Ring Piston		2.00	4.88	126 RVT PC GI	**6601030**		0.75
						4.75	1.27	860 FV CR	**6601040**		1.00
								732 FV CR	**6601060**		1.50
								345 T PM GI	**2M6601**		STD
								126 RVT PC GI	**2M6601020**		0.50
								126 RVT PC GI	**2M6601030**		0.75
								860 FV CR	**2M6601040**		1.00
								732 FV CR	**2M6601060**		1.50
391 cu. in.		8	1970-74	359, 361, Engs.	102.87	2.38	4.85	032 BF PC GI	**6686**	8 Cyl.	STD
						2.00	4.88	126 RVT PC GI	**6686010**		0.25
						2.00	4.88	126 RVT PC GI	**6686020**		0.50
						4.75	1.27	860 FV CR	**6686030**		0.75
								732 FV CR	**6686040**		1.00
									6686060		1.50
								363 BF CR GI	**2C6686**		STD
								126 RVT PC GI	**2C6686010**		0.25
								126 RVT PC GI	**2C6686020**		0.50
								860 FV CR	**2C6686030**		0.75
								732 FV CR	**2C6686040**		1.00
									2C6686060		1.50
								327 BF PM GI	**2M6686**		STD
								126 RVT PC GI	**2M6686010**		0.25
								126 RVT PC GI	**2M6686020**		0.50
								860 FV CR	**2M6686030**		0.75
								732 FV CR	**2M6686040**		1.00
									2M6686060		1.50

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
FORD MOTORS											
445 cu. in.		8		Diesel Navistar Non Turbo Spec .062 to .072 gap 2nd ring	104.40	3.00	4.32	336 T PM DI	**2M4741**	8 Cyl.	STD
						2.00	4.37	130 RVT PC GI	**2M4741020**		0.50
						3.50	4.55	553 CF CR GI	**2M4741030**		0.75
								881 2PCO	**2M4741040**		1.00
445 cu. in.		8	1993-94	Diesel Navistar, 16V Vin:C,K Indirect Injection Power Stroke Turbo Spec .045 to .065 gap 2nd ring	104.40	3.16	4.29	224 FKST PM DI	**2M4873**	8 Cyl.	STD
						2.50	4.37	227 FKST CR DI	**2M4873020**		0.50
						3.46	4.00	553 CF CR GI	**2M4873030**		0.75
								881 2PCO	**2M4873040**		1.00
445 cu. in.		8	1994-04	Diesel Navistar Turbo, Direct Injection Spec .062 to .072 gap 2nd ring	104.40	3.16	4.29	233 FKST PM DI	**2D4882**	8 Cyl.	STD
						2.00	4.42	126 RVT PC GI	**2D4882010**		0.25
						3.46	4.14	204 CF CR DI	**2D4882020**		0.50
									2D4882030		0.75
									2D4882040		1.00
401 cu. in.		8		Q401	104.78	2.25	4.93	363 BF CR GI	**2C579**	8 Cyl.	STD
401 cu. in.			1958-74	401SD		2.25	4.95	126 RVT PC GI	**2C579020**		0.50
						2.25	4.95	126 RVT PC GI	**2C579030**		0.75
						4.75	5.00	860 FV CR	**2C579040**		1.00
								732 FV CR	**2C579060**		1.50
428cu. in.		8	1966-70	Ford	104.90	2.00	4.93	032 BF PC GI	**595**	8 Cyl.	STD
428 cu. in.						2.00	4.95	126 RVT PC GI	**595020**		0.50
						4.75	1.27	860 FV CR	**595030**		0.75
								732 FV CR	**595040**		1.00
									595060		1.50
								327 BF PM GI	**2M595**		STD
								126 RVT PC GI	**2M595030**		0.75
								860 FV CR	**2M595040**		1.00
								732 FV CR	**2M595060**		1.50
158 cu. in.				158GF	106.68	2.25	4.29	362 BF 3CR GI	**2C7181**	3 Cyl.	STD
158 cu. in.				G 2000, 3000 Gas - 3 Cyl.		2.25	4.32	126 RVT PC GI			
						4.75	1.27	860 FV CR			
								732 FV CR			
158 cu. in.175 cu. in.				Diesel 158DF; Diesel 175DF	106.68	2.25	4.29	362 BF 3CR GI	**2C7182**	1 Cyl.	STD
158 cu. in.				D 2000 Diesel - 3 Cyl.		2.25	4.32	362 BF 3CR GI			
175 cu. in.				D 3000 Diesel - 3 Cyl.		2.25	4.32	126 RVT PC GI			
233 cu. in.				D 5000 Diesel - 4 Cyl.		4.75	5.44	565 CF CR GI			
								881 2PCO			
427cu. in.		8	1966-69	Ford	107.51	1.60	4.57	363 BF CR GI	**2C597**	8 Cyl.	STD
						1.60	4.60	126 RVT PC GI			
						3.00	1.27	860 FV CR			
								732 FV CR			
430cu. in.		8	1959-60	383, 4 Engs. Ford Thunderbird 76A	109.22	2.00	5.13	032 BF PC GI	**576**	8 Cyl.	STD
						2.25	5.16	126 RVT PC GI	**576030**		0.75
						4.75	1.27	860 FV CR			
								732 FV CR			
429 cu. in.		8	1992-98	V8 Shallow Oil Ring Groove	110.70	2.00	4.70	032 BF PC GI	**4740**	8 Cyl.	STD
460 cu. in.			1992-97	Shallow Oil Ring Groove		2.00	4.72	126 RVT PC GI	**4740020**		0.50
						4.00	3.94	871 FV CR	**4740030**		0.75
								732 FV CR	**4740040**		1.00
									4740060		1.50
								363 BF CR GI	**2C4740**		STD
								126 RVT PC GI	**2C4740020**		0.50
								871 FV CR	**2C4740030**		0.75
								732 FV CR	**2C4740040**		1.00
									2C4740060		1.50
								345 T PM GI	**2M4740**		STD
								126 RVT PC GI	**2M4740020**		0.50
								871 FV CR	**2M4740030**		0.75
								732 FV CR	**2M4740040**		1.00
									2M4740060		1.50

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
FORD MOTORS											
429 cu. in.		8	1979-91		110.74	2.38	4.70	032 BF PC GI	**5621**	8 Cyl.	STD
429 cu. in.			1979-94			2.00	4.72	126 RVT PC GI	**5621020**		0.50
						4.75	4.88	860 FV CR	**5621030**		0.75
								732 FV CR	**5621040**		1.00
									5621060		1.50
								363 BF CR GI	**2C5621**		STD
								126 RVT PC GI	**2C5621020**		0.50
								860 FV CR	**2C5621030**		0.75
								732 FV CR	**2C5621040**		1.00
									2C5621060		1.50
								327 BF PM GI	**2M5621**		STD
								126 RVT PC GI	**2M5621020**		0.50
								860 FV CR	**2M5621030**		0.75
								732 FV CR	**2M5621040**		1.00
									2M5621060		1.50
460cu. in.		8	1968-73	429, 4 Engs. Ford	110.74	2.00	4.70	032 BF PC GI	**598**	8 Cyl.	STD
460cu. in.			1974-78	Ford		2.00	4.72	126 RVT PC GI	**598020**		0.50
429 cu. in.			1968-78			4.75	4.88	860 FV CR	**598030**		0.75
460 cu. in.			1970-73					732 FV CR	**598040**		1.00
460 cu. in.			1972-91	, Vin: G					**598060**		1.50
								363 BF CR GI	**2C598**		STD
								126 RVT PC GI	**2C598020**		0.50
								860 FV CR	**2C598030**		0.75
								732 FV CR	**2C598040**		1.00
									2C598060		1.50
								345 T PM GI	**2M598**		STD
								126 RVT PC GI	**2M598020**		0.50
								860 FV CR	**2M598030**		0.75
								732 FV CR	**2M598040**		1.00
									2M598060		1.50
462cu. in.		8	1966-68	Lincoln	111.25	2.00	4.70	345 T PM GI	**2M596**	8 Cyl.	STD
						2.25	4.72	126 RVT PC GI	**2M596020**		0.50
						4.75	4.88	860 FV CR	**2M596040**		1.00
								732 FV CR			
256 cu. in.		4		7000 Series 4 ring Zolner #3225 Piston	111.76	3.00	4.47	372 FKST CR DI	**2C4728**	4 Cyl.	STD
						2.25	4.50	126 RVT PC GI			
						2.25	4.50	126 RVT PC GI			
						4.75	6.20	565 CF CR GI			
								881 2PCO			
		6		401DT Diesel 8000, 9000 Series Zollner Piston #3225 Turbocharged 4 ring Piston	111.76	3.00	4.47	372 FKST CR DI	**2C7012**	6 Cyl.	STD
						2.25	4.50	126 RVT PC GI			
						2.25	4.50	126 RVT PC GI			
						4.75	6.20	565 CF CR GI			
								881 2PCO			
401 cu. in.		6	1969-On	Diesel, 7A Series, L-6	111.76	3.00	4.47	372 FKST CR DI	**2C7014**	6 Cyl.	STD
475 cu. in.			1991-On	L-6 OHV Turbo Diesel 3 Ring Mahle Piston #1495		2.25	4.50	126 RVT PC GI			
						4.75	6.20	565 CF CR GI			
								881 2PCO			
401 cu. in.				Diesel DT , F4000 3 Ring Mahle Piston #1494	111.76	3.00	4.47	372 FKST CR DI	**2C7021**	2 Cyl.	STD
475 cu. in.				Diesel DT ,F4000 3 Ring Mahle Piston #1495		2.25	4.50	126 RVT PC GI			
						4.75	6.20	565 CF CR GI			
								881 2PCO			
201 cu. in.				Diesel 201DF	111.76	2.25	4.47	362 BF 3CR GI	**2C7180**	3 Cyl.	STD
401cu. in.				Diesel 401DF, 401DFT Turbo		2.25	4.50	362 BF 3CR GI			
201 cu. in.				D 4000 Diesel - 3 Cyl.; 8000 Diesel - 6 Cyl.		2.25	4.50	126 RVT PC GI			
						4.75	6.20	565 CF CR GI			
								881 2PCO			
201 cu. in.				201GF	111.76	2.25	4.47	362 BF 3CR GI	**2C7183**	3 Cyl.	STD
192 cu. in.				201, D Engs. 4000 Gas - 3 Cyl.		2.25	4.50	126 RVT PC GI			
						4.75	6.20	565 CF CR GI			
								881 2PCO			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
FORD MOTORS											
256 cu. in.		4		Diesel 256DF	111.76	2.25	4.47	362 BF 3CR GI	**2C7210**	4 Cyl.	STD
				5000 Super Major Diesel		2.25	4.50	362 BF 3CR GI			
						2.25	4.50	126 RVT PC GI			
						4.75	6.20	565 CF CR GI			
								881 2PCO			
477cu. in.		8		M477	114.30	2.25	5.36	032 BF PC GI	**578**	8 Cyl.	STD
534 cu. in.			1958-81	N534		2.25	4.85	126 RVT PC GI			
534 cu. in.						2.25	4.85	126 RVT PC GI			
534 cu. in.				475, 477, Engs.		4.75	5.08	860 FV CR			
								732 FV CR			
								363 BF CR GI	**2C578**		STD
								126 RVT PC GI	**2C578020**		0.50
								126 RVT PC GI	**2C578030**		0.75
								860 FV CR	**2C578040**		1.00
								732 FV CR	**2C578060**		1.50
									2C578080		2.00
			1975-92	636cu.in 10.4Liter 2 Ring Piston	114.30	3.17	5.10	220 TBF PM DI	**2D7473**	1 Cyl.	STD
						2.79	4.95	553 CF CR GI	**2D7473020**		0.50
								881 2PCO	**2D7473030**		0.75
									2D7473040		1.00
FORD-PERFORMANCE											
97.6 cu. in.	1599	4	1973	9 High Performance Ford Pinto 75 H.P.	80.96	1.60	3.71	336 T PM DI	**2M5545**	4 Cyl.	STD
						2.00	3.86	126 RVT PC GI	**2M5545005**		0.13
						4.00	4.39	860 FV CR			
								732 FV CR			
140 cu. in.	2300	4			96.00	1.60	4.47	336 T PM DI	**2M5527**	4 Cyl.	STD
						1.60	4.19	126 RVT PC GI	**2M5527020**		0.50
						4.75	5.21	860 FV CR	**2M5527030**		0.75
								732 FV CR	**2M5527035**		0.88
									2M5527040		1.00
									2M5527045		1.13
400 cu. in.		8		289, 302, 351, Engs. Ford, Mercury Low Tension Oil Ring	101.60	2.00	4.78	336 T PM DI	**2M5504**	8 Cyl.	STD
						2.00	4.80	126 RVT PC GI	**2M5504030**		0.75
						4.75	3.81	621 FV CR	**2M5504040**		1.00
								732 FV CR	**2M5504045**		1.13
351 cu. in.		8		289, 302, Engs. Ford Low Tension Oil Ring	101.60	1.60	4.78	336 T PM DI	**2M5505**	8 Cyl.	STD
						1.60	4.80	126 RVT PC GI	**2M5505030**		0.75
						4.75	3.81	621 FV CR	**2M5505035**		0.88
								732 FV CR	**2M5505040**		1.00
									2M5505045		1.13
									2M5505060		1.50
									2M5505065		1.63
400 cu. in.		8		289, 302, 351, Engs. Ford, Mercury	101.60	2.00	4.78	336 T PM DI	**2M5508**	8 Cyl.	STD
						2.00	4.80	126 RVT PC GI	**2M5508005**		0.13
						4.75	5.00	622 FV CR	**2M5508020**		0.50
								732 FV CR	**2M5508025**		0.63
									2M5508030		0.75
									2M5508035		0.88
									2M5508040		1.00
									2M5508045		1.13
									2M5508060		1.50
									2M5508065		1.63
351 cu. in.		8		289, 302, Engs. Ford, Mercury Contains 1/8" Oil Rings	101.60	1.60	4.78	339 T PM GI	**CM5521**	8 Cyl.	STD
						1.60	4.80	126 RVT PC GI	**CM5521030**		0.75
						3.00	4.75	622 FV CR	**CM5521035**		0.88
								732 FV CR	**CM5521040**		1.00
									CM5521060		1.50

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
FORD-PERFORMANCE											
		8			101.60	1.60	4.78	336 T PM DI	**2M5521**	8 Cyl.	STD
						1.60	4.80	126 RVT PC GI	**2M5521005**		0.13
						3.00	4.75	622 FV CR	**2M5521010**		0.25
								732 FV CR	**2M5521020**		0.50
									2M5521025		0.63
									2M5521030		0.75
									2M5521035		0.88
									2M5521040		1.00
									2M5521045		1.13
									2M5521060		1.50
									2M5521065		1.63
351 cu. in.		8		289, 302, Engs. Ford, Mercury	101.60	1.60	4.78	336 T PM DI	**2M5523**	8 Cyl.	STD
						1.60	4.80	126 RVT PC GI	**2M5523005**		0.13
						4.75	4.75	622 FV CR	**2M5523010**		0.25
								732 FV CR	**2M5523020**		0.50
									2M5523025		0.63
									2M5523030		0.75
									2M5523035		0.88
									2M5523040		1.00
									2M5523045		1.13
									2M5523060		1.50
									2M5523065		1.63
									2M5523080		2.00
		8			101.60	1.50	4.78	102 T PC GI	**C5530**	8 Cyl.	STD
						1.50	4.37	126 RVT PC GI			
						4.00	3.43	622 FV CR			
								732 FV CR			
								339 T PM GI	**CM5530**		STD
								126 RVT PC GI	**CM5530030**		0.75
								622 FV CR			
								732 FV CR			
		8			101.60	2.00	4.85	102 T PC GI	**C5531**	8 Cyl.	STD
						2.00	4.80	126 RVT PC GI			
						4.75	4.88	860 FV CR			
								732 FV CR			
								339 T PM GI	**CM5531**		STD
								126 RVT PC GI	**CM5531030**		0.75
								860 FV CR			
								732 FV CR			
		8			101.60	1.60	4.78	102 T PC GI	**C5532**	8 Cyl.	STD
						1.60	4.80	126 RVT PC GI	**C5532030**		0.75
						4.75	4.88	860 FV CR	**C5532040**		1.00
								732 FV CR	**C5532060**		1.50
								339 T PM GI	**CM5532**		STD
								126 RVT PC GI	**CM5532020**		0.50
								860 FV CR	**CM5532030**		0.75
								732 FV CR	**CM5532035**		0.88
									CM5532040		1.00
									CM5532060		1.50
302 cu. in.		8			101.60	1.50	4.78	336 T PM DI	**2M5535**	8 Cyl.	STD
						1.50	4.37	126 RVT PC GI	**2M5535030**		0.75
						4.00	3.43	622 FV CR			
								732 FV CR			
351 cu. in.		8		289, 302, Engs. Ford, Mercury Contains 3.0MM Oil Rings	101.60	1.60	4.78	336 T PM DI	**2M5538**	8 Cyl.	STD
						1.60	4.80	126 RVT PC GI	**2M5538005**		0.13
						3.00	3.86	621 FV CR	**2M5538010**		0.25
								005 FV CR	**2M5538020**		0.50
									2M5538025		0.63
									2M5538030		0.75
									2M5538035		0.88
									2M5538040		1.00
									2M5538045		1.13
									2M5538060		1.50
									2M5538065		1.63
									2M5538075		1.88
									2M5538085		2.13

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
FORD-PERFORMANCE											
400 cu. in.		8		302, 351, Engs. Ford, Mercury w/1.5mm Comp. & 3.0mm Oil	101.60	1.50	4.78	102 T PC GI	**C5540**	8 Cyl.	STD
						1.50 3.00	4.37 3.81	126 RVT PC GI 621 FV CR 732 FV CR			
								339 T PM GI	**CM5540**		STD
								126 RVT PC GI 621 FV CR 732 FV CR	**CM5540030**		0.75
								336 T PM DI	**2M5540**		STD
								126 RVT PC GI 621 FV CR 732 FV CR	**2M5540005** **2M5540025** **2M5540030** **2M5540035** **2M5540040** **2M5540045** **2M5540060** **2M5540065** **2M5540085**		0.13 0.63 0.75 0.88 1.00 1.13 1.50 1.63 2.13
400 cu. in.		8		289, 302, 351, Engs. contains Steel Moly top ring	101.60	1.09	4.09	395 T PM S	**SM5587**	8 Cyl.	STD
						1.09 3.00	4.37 3.86	610 RVT PC GI 621 FV CR 005 FV CR	**SM5587030** **SM5587035** **SM5587040** **SM5587045** **SM5587060** **SM5587065**		0.75 0.88 1.00 1.13 1.50 1.63
400 cu. in.		8		302, 351, Engs. Ford, Mercury Napier ductile iron 2nd ring w/1.5mm Comp. & 3.0mm Oil	101.60	1.50	4.09	336 T PM DI	**2M8521**	8 Cyl.	STD
						1.50 3.00	4.37 3.81	406 N PC DI 621 FV CR 732 FV CR	**2M8521005** **2M8521035** **2M8521045** **2M8521065**		0.13 0.88 1.13 1.63
								397 BF PM S	**SM8521**		STD
								406 N PC DI 621 FV CR 732 FV CR	**SM8521035** **SM8521065**		0.88 1.63
		8		289, 302, 351 Engs. contains Steel Moly top ring	101.60	1.09	4.09	395 T PM S	**SM8527**	8 Cyl.	STD
						1.60 4.75	4.80 4.75	126 RVT PC GI 622 FV CR 732 FV CR	**SM8527025** **SM8527035** **SM8527045** **SM8527005** **SM8527065** **SM8527080**		0.63 0.88 1.13 0.13 1.63 2.00
		8		289, 302, 351 Engs. contains Steel Moly top ring Low tension Oil Ring	101.60	1.09	4.09	395 T PM S	**SM8537**	8 Cyl.	STD
						1.60 4.75	4.80 3.81	126 RVT PC GI 621 FV CR 732 FV CR	**SM8537035** **SM8537045** **SM8537065** **SM8537080**		0.88 1.13 1.63 2.00
351 cu. in.		8		289, 302, Engs. Ford, Napier ductile iron 2nd ring	101.60	1.60	4.78	336 T PM DI	**2M8542**	8 Cyl.	STD
						1.60 4.75	4.42 4.75	406 N PC DI 622 FV CR 732 FV CR	**2M8542005** **2M8542030** **2M8542035** **2M8542040** **2M8542045** **2M8542060** **2M8542065**		0.13 0.75 0.88 1.00 1.13 1.50 1.63

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
FORD-PERFORMANCE											
351 cu. in.		8		289, 302, Engs. Ford Napier ductile iron 2nd ring Low Tension Oil Ring	101.60	1.60	4.78	336 T PM DI	**2M8543**	8 Cyl.	STD
						1.60 4.75	4.42 3.81	406 N PC DI 621 FV CR 732 FV CR	**2M8543030** **2M8543035** **2M8543040** **2M8543045** **2M8543060** **2M8543065**		0.75 0.88 1.00 1.13 1.50 1.63
400 cu. in.		8		289, 302, 351, Engs. contains Steel Moly top ring w/napier 2nd ring	101.60	1.09	4.09	395 T PM S	**SM8556**	8 Cyl.	STD
						1.09 3.00	4.37 3.86	406 N PC DI 621 FV CR 005 FV CR	**SM8556005** **SM8556025** **SM8556035** **SM8556045** **SM8556055** **SM8556060** **SM8556065** **SM8556070**		0.13 0.63 0.88 1.13 1.38 1.50 1.63 1.75
351 cu. in.		8		289, 302, Engs. Ford, Mercury Contains 1/8" Oil Rings Napier ductile iron 2nd rings	101.60	1.60	4.78	336 T PM DI	**2M8571**	8 Cyl.	STD
						1.60 3.00	4.42 4.75	406 N PC DI 622 FV CR 732 FV CR	**2M8571005** **2M8571030** **2M8571035** **2M8571045** **2M8571065**		0.13 0.75 0.88 1.13 1.63
390 cu. in.		8	1968-71	Ford, Mercury	102.87	1.60	4.80	336 T PM DI	**2M5525**	8 Cyl.	STD
						1.60 4.75	4.88 5.08	126 RVT PC GI 622 FV CR 732 FV CR	**2M5525030** **2M5525035** **2M5525060** **2M5525065**		0.75 0.88 1.50 1.63
400 cu. in.		8		289, 302, 351, Engs. Ford, Mercury	103.19	2.00	4.80	336 T PM DI	**2M5511**	8 Cyl.	STD
						2.00 4.75	4.88 5.00	126 RVT PC GI 622 FV CR 732 FV CR	**2M5511035**		0.88
		8		427 cu.in. Ford Stroked KB piston w/ 3/16 oil groove	107.51	1.60	4.57	336 T PM DI	**2M5526**	8 Cyl.	STD
						1.60 4.75	4.60 5.21	126 RVT PC GI 622 FV CR 732 FV CR	**2M5526030**		0.75
460 cu. in.		8			110.74	1.60	5.16	336 T PM DI	**2M5536**	8 Cyl.	STD
						1.60 4.75	4.72 4.88	126 RVT PC GI 860 FV CR 732 FV CR	**2M5536020** **2M5536030** **2M5536035** **2M5536040** **2M5536065** **2M5536080** **2M5536085**		0.50 0.75 0.88 1.00 1.63 2.00 2.13
FRAZER											
		6	1946-52	Cont. F6226 All Models	84.14	2.38	3.99	032 BF PC GI	**4233**	6 Cyl.	STD
						2.38 4.00 4.00	4.01 4.39 4.01	126 RVT PC GI 860 FV CR 732 FV CR 501 1PCO PC GI 901 GL	**4233040**		1.00

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
FRONTENAC-CANADIAN											
170 cu. in.		6	1960-62	144, Engs.	88.90	2.00	4.19	032 BF PC GI	**582**	6 Cyl.	STD
						2.00	4.22	126 RVT PC GI	**582005**		0.13
						4.75	4.39	860 FV CR	**582030**		0.75
								732 FV CR	**582040**		1.00
									582060		1.50
								362 BF 3CR GI	**2C582**		STD
								126 RVT PC GI	**2C582005**		0.13
								860 FV CR			
								732 FV CR			
								327 BF PM GI	**2M582**		STD
								126 RVT PC GI	**2M582005**		0.13
								860 FV CR	**2M582030**		0.75
								732 FV CR	**2M582040**		1.00
GENERAL MOTORS											
	1206	4	2009-On	N200 N300 B12D	69.70	1.20	2.92	398 BF CR S	**2C4597**	4 Cyl.	STD
						1.20	3.12	610 RVT PC GI	**2C4597010**		0.25
						2.00	3.18	934 FV CR	**2C4597020**		0.50
								005 FV CR	**2C4597030**		0.75
		4		61cu. in. Corsa 8V Fits Brazilian Mahle Piston	71.08	1.50	3.20	032 BF PC GI	**4517**	4 Cyl.	STD
						1.50	3.33	126 RVT PC GI			
						3.00	3.30	054 FV CR			
								732 FV CR			
								362 BF 3CR GI	**2C4517**		STD
								126 RVT PC GI	**2C4517020**		0.50
								054 FV CR	**2C4517040**		1.00
								732 FV CR			
		4	2002-On	61cu. in. Corsa 16V, GMB 8V VHC	71.08	1.20	3.12	398 BF CR S	**2C5276**	4 Cyl.	STD
						1.50	3.33	126 RVT PC GI	**2C5276020**		0.50
						2.00	2.92	989 FV CR	**2C5276040**		1.00
								732 FV CR			
			2003-On	49cu. in. QQ Kia	72.00	1.20	2.92	398 BF CR S	**2C5189**	3 Cyl.	STD
						1.20	3.10	126 RVT PC GI	**2C5189010**		0.25
						2.50	2.67	995 FV CR	**2C5189020**		0.50
								732 FV CR	**2C5189030**		0.75
									2C5189040		1.00
	1364	4		Vin:9,B,C LUJ LUV Turbo L4	72.50	1.20	3.12	398 BF CR S	**2C5252**	4 Cyl.	STD
						1.20	2.84	610 RVT PC GI	**2C5252020**		0.50
						2.00	2.67	990 FV CR	**2C5252030**		0.75
								732 FV CR	**2C5252040**		1.00
	1399	4	2012-15	NID, 16V, 102HP, Sail mfg:GM Shanghai	73.80	1.20	3.12	398 BF CR S	**2C4874**	4 Cyl.	STD
						1.20	3.15	610 RVT PC GI	**2C4874010**		0.25
						2.00	2.92	990 FV CR			
								732 FV CR			
			1985-00	61cu. in. Chevrolet Sprint - Suzuki Vin: 2,6 Inc Turbo	74.00	1.20	2.92	398 BF CR S	**2C4208**	3 Cyl.	STD
						1.50	3.23	435 SCRP PC GI	**2C4208010**		0.25
						2.80	1.14	859 FV CR	**2C4208020**		0.50
								732 FV CR	**2C4208030**		0.75
									2C4208040		1.00
									2C4208060		1.50
								322 BF GN SS	**2N4208**		STD
								126 RVT PC GI			
								859 FV CR			
								732 FV CR			
	1300	4	1990-97	79cu. in. Chevrolet GEO, Vin: 9 Suzuki	74.00	1.20	2.92	398 BF CR S	**2C4258**	4 Cyl.	STD
						1.50	3.23	435 SCRP PC GI	**2C4258010**		0.25
						2.80	3.18	859 FV CR	**2C4258020**		0.50
								732 FV CR	**2C4258030**		0.75
									2C4258040		1.00
									2C4258060		1.50
			1989-95	61cu. in. Chevrolet GEO Metro 2 Ring Piston - Suzuki	74.00	1.20	2.92	398 BF CR S	**2C4738**	3 Cyl.	STD
						2.80	3.18	859 FV CR	**2C4738020**		0.50
								732 FV CR	**2C4738030**		0.75
									2C4738040		1.00

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
GENERAL MOTORS											
		4	1998-01	79cu. in. GEO Metro Vin: 2,9 Suzuki G13KS	74.00	1.20	2.92	398 BF CR S	**2C4944**	4 Cyl.	STD
						1.20	2.97	126 RVT PC GI	**2C4944010**		0.25
						2.50	2.79	995 FV CR	**2C4944020**		0.50
								732 FV CR	**2C4944030**		0.75
									2C4944040		1.00
		4	1989-96	97cu. in. GEO - Suzuki Vin: U	75.00	1.20	2.92	398 BF CR S	**2C4640**	4 Cyl.	STD
			1989-96	97cu. in. GEO Tracker - Suzuki		1.50	3.23	401 SCRP PC GI	**2C4640010**		0.25
						2.80	3.30	859 FV CR	**2C4640020**		0.50
								732 FV CR	**2C4640030**		0.75
									2C4640040		1.00
									2C4640060		1.50
		4	1997-02	97cu. in. GEO - Suzuki G16KV Vin: 6	75.00	1.20	2.92	398 BF CR S	**2C4901**	4 Cyl.	STD
						1.20	2.97	610 RVT PC GI	**2C4901010**		0.25
						2.50	2.79	995 FV CR	**2C4901020**		0.50
								732 FV CR	**2C4901030**		0.75
									2C4901040		1.00
	1500	4	2004-06	92cu. in. Aveo	76.50	1.50	3.20	362 BF 3CR GI	**2C4175**	4 Cyl.	STD
						1.50	3.48	126 RVT PC GI	**2C4175010**		0.25
						2.00	2.92	993 FV CR	**2C4175020**		0.50
								005 FV CR	**2C4175030**		0.75
		4	1985-89	92cu. in. Chev. Spectrum, GEO - Isuzu	77.00	1.50	3.30	032 BF PC GI	**4241**	4 Cyl.	STD
						2.80	3.30	861 FV CR	**4241020**		0.50
								732 FV CR	**4241030**		0.75
									4241040		1.00
								335 T PM DI	**2M4241**		STD
								861 FV CR	**2M4241020**		0.50
								732 FV CR	**2M4241030**		0.75
									2M4241040		1.00
		4	1987-89	92cu. in. Chev. GEO, Spectrum - Isuzu Turbo	77.00	1.20	3.33	398 BF CR S	**2C4646**	4 Cyl.	STD
						1.20	3.48	610 RVT PC GI	**2C4646020**		0.50
						2.80	3.30	861 FV CR	**2C4646030**		0.75
								732 FV CR	**2C4646040**		1.00
	1398	4	2012-16	I4 ECOTEC LUJ, LUV, VVT TURBO, ONIX BRAZIL	77.60	1.00	2.92	398 BF CR S	**2C4354**	4 Cyl.	STD
						1.00	3.35	123 RVT PC DI	**2C435450**		1.25
						2.00	2.79	993 FV CR			
								005 FV CR			
F14D4	1400	4	2006-11	F14D4 AVEO, CRUZ, LANOS, MADE IN KOREA	77.90	1.20	2.92	398 BF CR S	**2C4115**	4 Cyl.	STD
						1.20	3.40	610 RVT PC GI			
						2.00	3.05	993 FV CR			
								005 FV CR			
	1399	4		DOHC, Chev, Lova, Twin-Tec	77.90	1.20	2.92	398 BF CR S	**2C4569**	4 Cyl.	STD
						1.50	3.71	126 RVT PC GI	**2C4569020**		0.50
						2.50	3.05	995 FV CR			
								732 FV CR			
	1598	4	2009-13	Eng VCT, LXV Vin: E, G DOHC Aveo, G3	79.00	1.20	3.33	398 BF CR S	**2C4199**	4 Cyl.	STD
						1.20	3.48	126 RVT PC GI	**2C4199020**		0.50
						2.00	3.30	934 FV CR	**2C4199030**		0.75
								005 FV CR			
		4		98cu. in. Pontiac - Korean Vin: 6 Aveo, Optra LS L91 SOHC	78.99	1.20	3.33	398 BF CR S	**2C4602**	4 Cyl.	STD
						1.50	3.43	126 RVT PC GI	**2C4602010**		0.25
						3.00	3.81	872 FV CR	**2C4602020**		0.50
								732 FV CR	**2C4602030**		0.75
									2C4602040		1.00
									2C4602060		1.50
	1598	4	1997-On	Coras Opel w/2.5mm oil grv.	79.00	1.20	3.33	398 BF CR S	**2C4621**	4 Cyl.	STD
						1.50	3.43	126 RVT PC GI	**2C4621020**		0.50
						2.50	2.92	995 FV CR	**2C4621040**		1.00
								732 FV CR			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
GENERAL MOTORS											
110cu. in.	1794	4	1998-08	Vin: 8,L Toyota , 1ZZ-FE	79.00	1.20	3.33	398 BF CR S	**2C4947**	4 Cyl.	STD
						1.20	3.48	126 RVT PC GI	**2C4947010**		0.25
						3.00	2.92	996 FV CR	**2C4947020**		0.50
								732 FV CR	**2C4947030**		0.75
									2C4947040		1.00
									2C4947060		1.50
	1598	4		Buick, Excelle DOHC made in China w/3.0mm oil grv.	79.00	1.20	3.33	398 BF CR S	**2C5301**	4 Cyl.	STD
						1.50	3.43	126 RVT PC GI	**2C5301010**		0.25
						3.00	3.18	054 FV CR	**2C5301030**		0.75
								732 FV CR	**2C5301040**		1.00
	1588	4	1990-95	98cu. in. GEO Storm DOHC/ SOHC-Isuzu 4XE1	80.00	1.20	3.33	398 BF CR S	**2C4647**	4 Cyl.	STD
						1.20	3.20	610 RVT PC GI	**2C4647020**		0.50
						3.00	3.18	054 FV CR	**2C4647030**		0.75
								732 FV CR	**2C4647040**		1.00
	1598	4	1982	Monza (Brazil)	80.00	1.50	3.18	032 BF PC GI	**9519**	4 Cyl.	STD
						1.75	3.71	401 SCRP PC GI	**9519020**		0.50
						4.00	3.81	056 FV CR	**9519040**		1.00
								732 FV CR			
								362 BF 3CR GI	**2C9519**		STD
								401 SCRP PC GI	**2C9519020**		0.50
								056 FV CR	**2C9519040**		1.00
								732 FV CR	**2C9519060**		1.50
110cu. in.	1796	4	2002-13	Astra, Corsa, Cruze Vin;H DOHC Fit Brazilian Mahle Piston Opel X18XE1	80.50	1.20	3.12	398 BF CR S	**2C5185**	4 Cyl.	STD
						1.20	3.15	610 RVT PC GI	**2C5185010**		0.25
						2.00	2.92	993 FV CR	**2C5185S010**		0.25
								005 FV CR	**2C5185020**		0.50
									2C5185030		0.75
									2C5185040		1.00
263cu. in.		8	1950-53	40, 50 Series Buick Canada 42 Series	80.96	2.25	3.71	032 BF PC GI	**430**	8 Cyl.	STD
						2.25	3.23	126 RVT PC GI			
						4.75	1.27	860 FV CR			
						4.75	3.73	732 FV CR			
								501 1PCO PC GI			
4AGLEC (TOYOTA) VIN 6	1587	4	1989-93	1.6L 98cu. in. GEO	81.00	1.50	3.18	032 BF PC GI	**4683**	4 Cyl.	STD
						1.50	3.23	126 RVT PC GI	**4683020**		0.50
						3.00	3.18	054 FV CR	**4683030**		0.75
								732 FV CR	**4683040**		1.00
								335 T PM DI	**2M4683**		STD
								126 RVT PC GI	**2M4683010**		0.25
								054 FV CR	**2M4683020**		0.50
								732 FV CR	**2M4683030**		0.75
									2M4683040		1.00
								322 BF GN SS	**2N4683**		STD
								126 RVT PC GI	**2N468325**		0.25
								672 FV GN	**2N468350**		0.50
								708 FV GN	**2N468375**		0.75
								708 FV GN			
		4	1990-92	98cu. in. GEO Vin: 5, Toyota	81.00	1.20	3.33	398 BF CR S	**2C4684**	4 Cyl.	STD
108cu. in.			1993-97	GEO, Toyota		1.50	3.23	126 RVT PC GI	**2C4684020**		0.50
						2.80	3.18	861 FV CR	**2C4684030**		0.75
								732 FV CR	**2C4684040**		1.00
		4	1993-97	98cu. in. GEO, Vin: 6, Toyota	81.00	1.20	3.33	398 BF CR S	**2C4733**	4 Cyl.	STD
110cu. in.			1996-97	Vin: 8		1.50	3.23	126 RVT PC GI	**2C4733010**		0.25
						3.00	3.18	054 FV CR	**2C4733020**		0.50
								732 FV CR	**2C4733030**		0.75
									2C4733040		1.00
								322 BF GN SS	**2N4733**		STD
								126 RVT PC GI	**2N473325**		0.25
								672 FV GN	**2N473350**		0.50
								708 FV GN	**2N473375**		0.75
								708 FV GN			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
GENERAL MOTORS											
	1600	4	1983-89	97cu. in. Chevrolet Nova - Toyota	81.00	1.50	3.18	032 BF PC GI	**6180**	4 Cyl.	STD
						1.50	3.23	126 RVT PC GI	**6180010**		0.25
						2.80	3.18	861 FV CR	**6180020**		0.50
								732 FV CR	**6180030**		0.75
									6180040		1.00
									6180060		1.50
								362 BF 3CR GI	**2C6180**		STD
								126 RVT PC GI	**2C6180010**		0.25
								861 FV CR	**2C6180020**		0.50
								732 FV CR	**2C6180030**		0.75
									2C6180040		1.00
								327 BF PM GI	**2M6180**		STD
								126 RVT PC GI	**2M6180010**		0.25
								861 FV CR	**2M6180020**		0.50
								732 FV CR	**2M6180030**		0.75
									2M6180040		1.00
	1799	4		DOHC, Buick, Excelle Twin-Tec made in China	81.60	1.20	3.12	398 BF CR S	**2C4551**	4 Cyl.	STD
						1.50	3.89	126 RVT PC GI	**2C4551020**		0.50
						3.00	3.43	054 FV CR	**2C4551030**		0.75
								732 FV CR	**2C4551040**		1.00
110cu. in.		4	2004-05	L79, Optra LS, MPFI	81.60	1.50	3.23	363 BF CR GI	**2C5245**	4 Cyl.	STD
						1.50	3.25	401 SCRP PC GI	**2C5245020**		0.50
						3.00	3.43	054 FV CR	**2C5245030**		0.75
								732 FV CR	**2C5245040**		1.00
97.6cu. in.		4	1984-87	97 Chevrolet, Pontiac Shallow Oil Ring Groove	82.00	1.50	3.86	032 BF PC GI	**4218**	4 Cyl.	STD
						1.50	3.25	126 RVT PC GI	**4218010**		0.25
						4.00	3.94	872 FV CR	**4218020**		0.50
								732 FV CR	**4218030**		0.75
									4218040		1.00
								327 BF PM GI	**2M4218**		STD
								126 RVT PC GI	**2M4218020**		0.50
								872 FV CR	**2M4218030**		0.75
								732 FV CR	**2M4218040**		1.00
	1400	4	1976-77	85cu. in. Chevrolet Chevette	82.00	2.00	3.86	032 BF PC GI	**4294**	4 Cyl.	STD
			1973-77	Chev. Luv - Isuzu G161		2.00	3.25	126 RVT PC GI	**4294020**		0.50
						4.00	4.24	056 FV CR	**4294030**		0.75
								732 FV CR	**4294040**		1.00
									4294060		1.50
								362 BF 3CR GI	**2C4294**		STD
								126 RVT PC GI	**2C4294010**		0.25
								056 FV CR	**2C4294020**		0.50
								732 FV CR	**2C4294030**		0.75
									2C4294040		1.00
									2C4294060		1.50
97.6cu. in.	1600	4	1976-83	97 Chev. Chevette	82.00	1.50	3.86	032 BF PC GI	**4393**	4 Cyl.	STD
						1.50	3.25	126 RVT PC GI	**4393010**		0.25
						4.00	4.24	056 FV CR	**4393020**		0.50
								732 FV CR	**4393030**		0.75
									4393040		1.00
									4393060		1.50
								362 BF 3CR GI	**2C4393**		STD
								126 RVT PC GI	**2C4393010**		0.25
								056 FV CR	**2C4393020**		0.50
								732 FV CR	**2C4393030**		0.75
									2C4393040		1.00
									2C4393060		1.50
116cu. in.		4	1991-94	Saturn	82.00	1.50	3.86	032 BF PC GI	**4745**	4 Cyl.	STD
						1.50	3.25	126 RVT PC GI	**4745020**		0.50
						3.00	3.30	054 FV CR	**4745030**		0.75
								732 FV CR	**4745040**		1.00
								327 BF PM GI	**2M4745**		STD
								126 RVT PC GI	**2M4745020**		0.50
								054 FV CR	**2M4745030**		0.75
								732 FV CR	**2M4745040**		1.00

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
GENERAL MOTORS											
		4	1987-On	Chevette, Gas/Alch. Fits Brazilian Mahle Piston	82.00	1.50	3.23	032 BF PC GI	**4801**	4 Cyl.	STD
						1.50	3.25	126 RVT PC GI			
						3.00	3.43	054 FV CR			
								732 FV CR			
								363 BF CR GI	**2C4801**		STD
								126 RVT PC GI	**2C4801020**		0.50
								054 FV CR	**2C4801040**		1.00
								732 FV CR			
		4		Chevette (Brazilian), 10.82 Model gas & alch. Also fit Brazilian Mahle Piston	82.00	1.50	3.23	032 BF PC GI	**4802**	4 Cyl.	STD
						1.75	3.61	126 RVT PC GI	**4802020**		0.50
						4.00	3.43	058 FV CR	**4802030**		0.75
								732 FV CR	**4802040**		1.00
								327 BF PM GI	**2M4802**		STD
								126 RVT PC GI	**2M4802020**		0.50
								058 FV CR	**2M4802030**		0.75
								732 FV CR	**2M4802040**		1.00
		4	1973-82	Chevette Fit Brazilian Mahle Piston	82.00	2.00	3.23	363 BF CR GI	**2C4826**	4 Cyl.	STD
			1973-82	Chev Luv Pickup Truck, PL820 Fit Brazilian Mahle Piston		2.00	3.25	126 RVT PC GI	**2C4826020**		0.50
						4.00	3.94	056 FV CR	**2C4826030**		0.75
								732 FV CR	**2C4826040**		1.00
									2C4826060		1.50
116cu. in.		4	1995-98	Saturn Vin: 7,8	82.00	1.20	3.12	398 BF CR S	**2C4891**	4 Cyl.	STD
						1.50	3.25	126 RVT PC GI	**2C4891016**		0.41
						3.00	3.30	054 FV CR	**2C4891020**		0.50
								732 FV CR	**2C4891030**		0.75
									2C4891040		1.00
116cu. in.		4	1999-02	Saturn Vin: 7,8 SC, SL, SW Series	82.00	1.20	3.12	398 BF CR S	**2C4984**	4 Cyl.	STD
						1.50	3.25	126 RVT PC GI	**2C4984004**		0.10
						2.50	2.79	995 FV CR	**2C4984016**		0.41
								732 FV CR	**2C4984020**		0.50
									2C4984030		0.75
									2C4984040		1.00
110cu. in.	1796	4	2004-06	Vibe GT Toyota , 2ZZ-GE	82.00	1.20	3.12	398 BF CR S	**2C5087**	4 Cyl.	STD
						1.20	3.48	610 RVT PC GI	**2C5087020**		0.50
						3.00	2.79	997 FV CR	**2C5087030**		0.75
								732 FV CR	**2C5087040**		1.00
248cu. in.		8	1939-49	All Models, Deluxe Eight 39-29, 27, 28, 29 Pontiac	82.55	2.25	3.89	032 BF PC GI	**619**	8 Cyl.	STD
						2.25	3.91	126 RVT PC GI	**619020**		0.50
						4.75	1.27	860 FV CR	**619040**		1.00
								732 FV CR	**619060**		1.50
111cu. in.		4	1976-79	Isuzu	84.00	2.00	3.99	032 BF PC GI	**4247**	4 Cyl.	STD
111cu. in.			1972-84	Vin: W Chev. Luv - Isuzu G180Z		2.00	3.84	126 RVT PC GI	**4247020**		0.50
						4.00	3.43	058 FV CR	**4247030**		0.75
								732 FV CR	**4247040**		1.00
									4247060		1.50
								362 BF 3CR GI	**2C4247**		STD
								126 RVT PC GI	**2C4247010**		0.25
								058 FV CR	**2C4247020**		0.50
								732 FV CR	**2C4247030**		0.75
									2C4247040		1.00
									2C4247060		1.50
122cu. in.		4	1999-04	Vin: C, Tracker Suzuki	84.00	1.20	2.92	398 BF CR S	**2C4959**	4 Cyl.	STD
						1.50	3.73	126 RVT PC GI	**2C4959010**		0.25
						2.50	2.79	995 FV CR	**2C4959020**		0.50
								732 FV CR	**2C4959030**		0.75
									2C4959040		1.00
								326 TBF GN SS	**2N4959**		STD
								435 SCRP PC GI			
								672 FV GN			
								708 FV GN			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
GENERAL MOTORS											
110cu. in.		4	1981-86	Diesel	84.00	2.50	3.81	376 BF CR DI	**2D6161**	4 Cyl.	STD
111cu. in.			1982-86	Diesel Chevrolet, Pontiac		2.00	3.84	352 RVT 3CR GI	**2D616125**		0.25
						4.00	3.84	553 CF CR GI	**2D616150**		0.50
								881 2PCO	**2D616175**		0.75
									2D6161100		1.00
									2D6161150		1.50
10.8cu. in.		4	1982-84	110 Chevrolet - Isuzu	84.07	1.50	3.81	032 BF PC GI	**6152**	4 Cyl.	STD
						1.50	4.01	401 SCRP PC GI	**6152020**		0.50
						4.00	4.24	056 FV CR	**6152030**		0.75
								732 FV CR	**6152040**		1.00
								376 BF CR DI	**2C6152**		STD
								401 SCRP PC GI	**2C6152020**		0.50
								056 FV CR	**2C6152030**		0.75
								732 FV CR	**2C6152040**		1.00
									2C6152060		1.50
110cu. in.		4	1986-91	Monza - Made in Brazil	84.78	1.50	3.58	032 BF PC GI	**4635**	4 Cyl.	STD
						1.50	3.45	126 RVT PC GI	**4635010**		0.25
						3.00	3.56	054 FV CR	**4635020**		0.50
								732 FV CR	**4635030**		0.75
									4635040		1.00
								362 BF 3CR GI	**2C4635**		STD
								126 RVT PC GI	**2C4635020**		0.50
								054 FV CR	**2C4635030**		0.75
								732 FV CR	**2C4635040**		1.00
		4	1987-On	Monza, Omega, Fit Brazilian Mahle Piston	84.78	1.50	3.43	363 BF CR GI	**2C4834**	4 Cyl.	STD
						1.50	3.45	126 RVT PC GI	**2C4834020**		0.50
						3.00	3.56	054 FV CR	**2C4834040**		1.00
								732 FV CR			
		4	1982-86	Ascona, Kadett GSi, Monza, Omege, Rekord Fit Brazilian Mahle Piston	84.78	1.50	3.43	032 BF PC GI	**4848**	4 Cyl.	STD
						1.75	3.45	126 RVT PC GI	**4848020**		0.50
						4.00	3.30	058 FV CR			
								732 FV CR			
								327 BF PM GI	**2M4848**		STD
								126 RVT PC GI	**2M4848020**		0.50
								058 FV CR	**2M4848040**		1.00
								732 FV CR			
112cu. in.		4	1982-86	Vin: O Oldsmobile, Pontiac Made in Brazil Incl. Turbo	84.80	1.50	3.43	032 BF PC GI	**6193**	4 Cyl.	STD
						1.75	3.45	126 RVT PC GI	**6193020**		0.50
						4.00	4.11	056 FV CR	**6193030**		0.75
								732 FV CR	**6193040**		1.00
									6193060		1.50
								362 BF 3CR GI	**2C6193**		STD
								126 RVT PC GI	**2C6193010**		0.25
								056 FV CR	**2C6193020**		0.50
								732 FV CR	**2C6193030**		0.75
									2C6193040		1.00
									2C6193060		1.50
								327 BF PM GI	**2M6193**		STD
								126 RVT PC GI	**2M6193020**		0.50
								056 FV CR	**2M6193030**		0.75
								732 FV CR	**2M6193040**		1.00
268cu. in.		8	1950-54	All Models P8, 8xH, 27, 28 Pontiac	85.73	2.25	4.04	032 BF PC GI	**624**	8 Cyl.	STD
						2.25	4.06	126 RVT PC GI			
						4.75	1.27	860 FV CR			
								732 FV CR			
140cu. in.		6	1960	Chevrolet Corvair	85.73	2.00	4.04	032 BF PC GI	**662**	6 Cyl.	STD
						2.00	4.06	126 RVT PC GI			
						4.75	1.27	860 FV CR			
								732 FV CR			
								362 BF 3CR GI	**2C662**		STD
								126 RVT PC GI			
								860 FV CR			
								732 FV CR			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
GENERAL MOTORS											
122cu. in.		4	2008-14	GAS, FLEX 2.0 Litre ATS, CTS, Cobalt, HHR, Malibu, Regal, Soltice, Sky	86.00	1.20	3.33	398 BF CR S	**2C4179**	4 Cyl.	STD
134cu. in.			2009-11	Cobalt, HHR Vin: B (flex fuel) Vin: H (gas) w/2.0mm oil grv.		1.50	3.43	126 RVT PC GI	**2C4179020**		0.50
						2.00	2.79	993 FV CR	**2C4179030**		0.75
								005 FV CR			
121cu. in.		4	1987-95	Vin: K,M Chevrolet, Pontiac - Made in Brazil Incl. Turbo Also fits Brazilian Mahle Piston	86.00	1.50	3.45	032 BF PC GI	**4601**	4 Cyl.	STD
122cu. in.			2004-05	DOHC L34 Epic LS		1.50	3.43	126 RVT PC GI	**4601020**		0.50
						3.00	3.81	872 FV CR	**4601030**		0.75
								732 FV CR	**4601040**		1.00
									4601060		1.50
								397 BF PM S	**2M4601**		STD
								126 RVT PC GI	**2M4601010**		0.25
								872 FV CR	**2M4601020**		0.50
								732 FV CR	**2M4601030**		0.75
									2M4601040		1.00
									2M4601060		1.50
181cu. in.		6	1997-00	Cadillac Catera Vin: R	86.00	1.50	3.86	335 T PM DI	**2M4896**	6 Cyl.	STD
						1.50	3.43	126 RVT PC GI	**2M4896020**		0.50
						3.00	2.92	997 FV CR	**2M4896030**		0.75
								732 FV CR			
183cu. in.	3000	6	1999-05	Vin: R 24 Valve Saturn, Catera	86.00	1.20	3.33	398 BF CR S	**2C4996**	6 Cyl.	STD
						1.50	3.78	435 SCRP PC GI	**2C4996020**		0.50
						3.00	3.30	054 FV CR	**2C4996030**		0.75
								732 FV CR	**2C4996040**		1.00
122cu. in.		4	2004-07	Vin:P DOHC, Supercharger Cobalt, Ion	86.00	1.20	3.33	398 BF CR S	**2C5130**	4 Cyl.	STD
134cu. in.			2000-08	L61 Ecotec, Chev, Pontiac, Saturn Vin: A,D,F,J,N,Z		1.50	3.43	126 RVT PC GI	**2C5130020**		0.50
						2.50	3.05	995 FV CR	**2C5130030**		0.75
								732 FV CR	**2C5130040**		1.00
								322 BF GN SS	**2N513050**		STD
								435 SCRP PC GI			
								995 FV CR			
								732 FV CR			
244cu. in.		8	1994-95	Olds Aurora DOHC	87.00	1.50	3.33	032 BF PC GI	**4761**	8 Cyl.	STD
						1.50	4.14	126 RVT PC GI	**4761020**		0.50
						3.00	3.81	872 FV CR	**4761030**		0.75
								732 FV CR	**4761040**		1.00
								335 T PM DI	**2M4761**		STD
								126 RVT PC GI	**2M4761010**		0.25
								872 FV CR	**2M4761020**		0.50
								732 FV CR	**2M4761030**		0.75
									2M4761040		1.00
244cu. in.		8	1996-04	Olds Aurora DOHC Vin: C	87.00	1.20	3.33	398 BF CR S	**2C4895**	8 Cyl.	STD
						1.50	4.14	126 RVT PC GI	**2C4895010**		0.25
						3.00	3.81	872 FV CR	**2C4895020**		0.50
								732 FV CR			
119cu. in.		4	1983-85	GMC	87.00	1.50	3.61	102 T PC GI	**6149**	4 Cyl.	STD
						1.50	3.94	102 T PC GI	**6149010**		0.25
						4.00	3.43	058 FV CR	**6149020**		0.50
								732 FV CR	**6149030**		0.75
									6149040		1.00
									6149060		1.50
								362 BF 3CR GI	**2C6149**		STD
								102 T PC GI	**2C6149010**		0.25
								058 FV CR	**2C6149020**		0.50
								732 FV CR	**2C6149030**		0.75
									2C6149040		1.00
								327 BF PM GI	**2M6149**		STD
								102 T PC GI	**2M6149010**		0.25
								058 FV CR	**2M6149020**		0.50
								732 FV CR	**2M6149030**		0.75
									2M6149040		1.00

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
GENERAL MOTORS											
119cu. in.		4	1982	GMC	87.00	2.00	3.61	032 BF PC GI	**6157**	4 Cyl.	STD
						2.00	3.94	126 RVT PC GI	**6157020**		0.50
						4.00	3.68	056 FV CR	**6157030**		0.75
								732 FV CR	**6157040**		1.00
									6157060		1.50
								362 BF 3CR GI	**2C6157**		STD
								126 RVT PC GI	**2C6157020**		0.50
								056 FV CR	**2C6157030**		0.75
								732 FV CR	**2C6157040**		1.00
								327 BF PM GI	**2M6157**		STD
								126 RVT PC GI	**2M6157020**		0.50
								056 FV CR	**2M6157030**		0.75
								732 FV CR	**2M6157040**		1.00
320cu. in.		8	1940-52	Buick 60 Century, 70 Roadmaster, 80, 90 Limited - Canada 46, 47, 48, 49 Series	87.31	2.25	3.61	032 BF PC GI	**429**	8 Cyl.	STD
						2.25	4.14	126 RVT PC GI	**429060**		1.50
						4.75	1.27	860 FV CR			
						4.75	4.14	732 FV CR			
								501 1PCO PC GI			
		6	1939-40	60, 70 Oldsmobile - Canada 35, 36	87.31	2.25	3.61	032 BF PC GI	**486**	6 Cyl.	STD
						2.25	4.14	126 RVT PC GI			
						4.75	1.27	860 FV CR			
						4.75	4.14	732 FV CR			
								501 1PCO PC GI			
222cu. in.		6	1937-38	Deluxe 37-26CA, 38-26DA Pontiac	87.31	3.18	4.11	032 BF PC GI	**492**	6 Cyl.	STD
223cu. in.				GMC - CI Piston		3.18	3.94	126 RVT PC GI			
						4.75	1.27	860 FV CR			
								732 FV CR			
222cu. in.		6	1939-40	Quality Six 39-25, Special Six 40-25, Deluxe Six 39-26, 40-26 Pontiac	87.31	2.25	3.61	032 BF PC GI	**618**	6 Cyl.	STD
						2.25	4.14	126 RVT PC GI	**618020**		0.50
						4.75	1.27	860 FV CR	**618040**		1.00
								732 FV CR			
145cu. in.		6	1961-63	Chevrolet Corvair	87.31	2.00	4.11	032 BF PC GI	**663**	6 Cyl.	STD
145cu. in.			1961-63	Chevrolet		2.00	4.14	126 RVT PC GI	**663030**		0.75
						4.75	1.27	860 FV CR			
								732 FV CR			
								362 BF 3CR GI	**2C663**		STD
								126 RVT PC GI	**2C663030**		0.75
								860 FV CR			
								732 FV CR			
164cu. in.		6	1964-69	Chevrolet Corvair	87.31	1.60	3.91	032 BF PC GI	**669**	6 Cyl.	STD
164cu. in.			1964-65	Chev. Corvair		1.60	3.94	126 RVT PC GI	**669020**		0.50
						3.00	4.50	860 FV CR	**669030**		0.75
								732 FV CR	**669040**		1.00
									669060		1.50
								362 BF 3CR GI	**2C669**		STD
								126 RVT PC GI	**2C669020**		0.50
								860 FV CR	**2C669030**		0.75
								732 FV CR	**2C669040**		1.00
									2C669060		1.50
								327 BF PM GI	**2M669**		STD
								126 RVT PC GI	**2M669020**		0.50
								860 FV CR	**2M669030**		0.75
								732 FV CR	**2M669040**		1.00
									2M669060		1.50
146cu. in.		4	2004-08	SOHC 16V L4 Astra Export	87.50	1.20	3.12	398 BF CR S	**2C4174**	4 Cyl.	STD
146cu. in.			2004-08	SOHC 16V L4 S10 Blazer Export		1.50	3.28	126 RVT PC GI	**2C4174020**		0.50
						2.50	2.92	995 FV CR	**2C4174030**		0.75
								732 FV CR	**2C4174040**		1.00
197cu. in.		6	2003-04	Buick, Cadillac CTS Vin: N	87.50	1.20	3.53	398 BF CR S	**2C5131**	6 Cyl.	STD
						1.50	3.28	126 RVT PC GI	**2C5131020**		0.50
						2.50	2.92	995 FV CR	**2C5131030**		0.75
								732 FV CR	**2C5131040**		1.00

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
GENERAL MOTORS											
137cu. in.		4	1984-85	Diesel GMC	88.00	2.00	3.61	103 T PC DI	**4212**	4 Cyl.	STD
						2.00	3.63	401 SCRP PC GI	**4212010**		0.25
						4.00	3.84	501 1PCO PC GI			
								825 2PCO			
								362 BF 3CR GI	**2D4212**	4 Cyl.	STD
								401 SCRP PC GI	**2D421225**		0.25
								553 CF CR GI	**2D421250**		0.50
								881 2PCO	**2D421275**		0.75
									2D4212100		1.00
252cu. in.		8	1987-89	Cadillac Allante Shallow Oil Ring Groove	88.00	1.50	3.61	335 T PM DI	**2M4447**	8 Cyl.	STD
						1.50	3.63	126 RVT PC GI	**2M4447003**		0.08
						3.00	1.27	872 FV CR	**2M4447010**		0.25
								005 FV CR	**2M4447020**		0.50
145cu. in.		4	2009-13	Vin: B DOHC 16V Captive, HHR, Malibu w/2.0mm oil grv	88.00	1.20	3.33	398 BF CR S	**2C4564**	4 Cyl.	STD
						1.50	3.63	126 RVT PC GI	**2C4564020**		0.50
						2.00	2.79	993 FV CR	**2C4564030**		0.75
								005 FV CR			
145cu. in.		4	2006-09	Vin: B,P,5 DOHC Cobalt, HHR w/2.5mm oil grv.	88.00	1.20	3.12	398 BF CR S	**2C5228**	4 Cyl.	STD
						1.50	3.63	126 RVT PC GI	**2C5228020**		0.50
						2.50	2.92	995 FV CR	**2C5228030**		0.75
								732 FV CR	**2C5228040**		1.00
252cu. in.		8	1982-87	Cadillac Shallow Oil Ring Groove	88.00	2.00	4.14	032 BF PC GI	**5654**	8 Cyl.	STD
						2.00	3.96	126 RVT PC GI	**5654010**		0.25
						4.00	1.27	872 FV CR	**5654020**		0.50
								732 FV CR	**5654030**		0.75
									5654040		1.00
									5654005		0.13
									5654060		1.50
								362 BF 3CR GI	**2C5654**		STD
								126 RVT PC GI	**2C5654005**		0.13
								872 FV CR	**2C5654010**		0.25
								732 FV CR	**2C5654020**		0.50
									2C5654030		0.75
									2C5654040		1.00
									2C5654060		1.50
								327 BF PM GI	**2M5654**		STD
								126 RVT PC GI	**2M5654005**		0.13
								872 FV CR	**2M5654010**		0.25
								732 FV CR	**2M5654020**		0.50
									2M5654030		0.75
									2M5654040		1.00
									2M5654060		1.50
137cu. in.		4	1981-82	Diesel GMC	88.00	2.50	4.14	376 BF CR DI	**2D6158**	4 Cyl.	STD
						2.00	3.96	126 RVT PC GI	**2D615850**		0.50
						4.50	4.24	553 CF CR GI	**2D615875**		0.75
								881 2PCO	**2D6158100**		1.00
216cu. in.		6	1937-53	Chevrolet	88.90	3.18	3.96	032 BF PC GI	**133**	6 Cyl.	STD
216cu. in.			1937-53	GMC - CI Piston		3.18	3.66	126 RVT PC GI	**133030**		0.75
						4.75	1.27	860 FV CR			
								732 FV CR			
								362 BF 3CR GI	**2C133**		STD
								126 RVT PC GI			
								860 FV CR			
								732 FV CR			
346cu. in.		8	1946-48	All Models Cadillac	88.90	2.00	4.19	032 BF PC GI	**4235**	8 Cyl.	STD
						2.00	4.22	126 RVT PC GI			
						4.75	1.27	860 FV CR			
								732 FV CR			
260cu. in.		8	1979-80	Diesel Oldsmobile	88.90	2.00	4.19	335 T PM DI	**2D5609**	8 Cyl.	STD
						2.00	4.22	126 RVT PC GI			
						8.50	3.63	553 CF CR GI			
								881 2PCO			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
GENERAL MOTORS											
173cu. in.		6	1980	Buick, Chev., Pont. For 89MM, use .005	88.90	2.00	4.19	032 BF PC GI	**582**	6 Cyl.	STD
196cu. in.			1978-79	Chevrolet		2.00	4.22	126 RVT PC GI	**582005**		0.13
200cu. in.			1978-79	Chevrolet		4.75	4.39	860 FV CR	**582030**		0.75
200cu. in.			1978-79	GMC				732 FV CR	**582040**		1.00
									582060		1.50
								362 BF 3CR GI	**2C582**		STD
								126 RVT PC GI	**2C582005**		0.13
								860 FV CR			
								732 FV CR			
								327 BF PM GI	**2M582**		STD
								126 RVT PC GI	**2M582005**		0.13
								860 FV CR	**2M582030**		0.75
								732 FV CR	**2M582040**		1.00
238cu. in.		6	1941-48	All Models 66, 76, 96 Oldsmobile - Canada 35, 36	88.90	2.25	4.19	032 BF PC GI	**611**	6 Cyl.	STD
						2.25	4.22	126 RVT PC GI			
						4.75	1.27	860 FV CR			
						4.75	3.99	732 FV CR			
								501 1PCO PC GI			
216cu. in.		6	1937-53	Chevrolet 4 Ring Repl. Piston	88.90	3.18	3.96	032 BF PC GI	**6337**	6 Cyl.	STD
216cu. in.			1937-53	Chev. - 4 Ring Repl. Piston		3.18	3.66	126 RVT PC GI			
						4.75	1.27	860 FV CR			
						4.75	3.99	732 FV CR			
								501 1PCO PC GI			
215 C.I.D.		8	1964-65	Buick Special	88.90	2.00	4.19	032 BF PC GI	**652**	8 Cyl.	STD
260 C.I.D.		8	1975-82	4.3L Oldsmobile		2.00	4.22	126 RVT PC GI	**652030**		0.75
267 C.I.D.		8	0979-82	4.4L Buick, Chevolet, GMC		4.75	1.27	860 FV CR	**652040**		1.00
								732 FV CR	**652060**		1.50
								363 BF CR GI	**2C652**		STD
								126 RVT PC GI	**2C652010**		0.25
								860 FV CR	**2C652020**		0.50
								732 FV CR	**2C652030**		0.75
									2C652040		1.00
								327 BF PM GI	**2M652**		STD
								126 RVT PC GI	**2M652030**		0.75
								860 FV CR	**2M652040**		1.00
								732 FV CR			
122cu. in.		4	1975-77	Chev. Vega, Pont. For Alum. Bore Only	88.90	2.00	4.19	363 BF CR GI	**2C673**	4 Cyl.	STD
140cu. in.			1971-76	Chev. Vega, Pont. For Alum. Bore Only		2.00	4.22	363 BF CR GI	**2C673020**		0.50
						4.75	4.62	860 FV CR	**2C673030**		0.75
								732 FV CR	**2C673040**		1.00
122cu. in.		4	1975-77	Chev. Vega, Pont. For Cast Iron Sleeves Only	88.90	2.00	4.19	032 BF PC GI	**6810**	4 Cyl.	STD
140cu. in.			1971-76	Chev. Vega, Pont. For Cast Iron Sleeves Only		2.00	4.22	401 SCRP PC GI	**6810030**		0.75
						4.75	4.62	860 FV CR			
								732 FV CR			
								327 BF PM GI	**2M6810**		STD
								401 SCRP PC GI	**2M6810030**		0.75
								860 FV CR			
								732 FV CR			
122cu. in.		4	1984-86	Buick, Chevrolet Deep Oil Ring Groove	89.00	1.50	3.38	032 BF PC GI	**4256**	4 Cyl.	STD
122cu. in.			1983-86	Vin: P Chevrolet Deep Oil Ring Groove		1.50	4.01	126 RVT PC GI	**4256020**		0.50
						4.75	1.27	860 FV CR	**4256030**		0.75
								732 FV CR	**4256040**		1.00
									4256060		1.50
								397 BF PM S	**2M4256**		STD
								126 RVT PC GI	**2M4256020**		0.50
								860 FV CR	**2M4256030**		0.75
								732 FV CR	**2M4256040**		1.00
									2M4256060		1.50

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
GENERAL MOTORS											
112cu. in.		4	1982-84	Buick, Chev., Pont. Deep Oil Ring Groove	89.00	1.50	3.38	032 BF PC GI	**4408**	4 Cyl.	STD
122cu. in.			1982-84	Buick, Chev., Pont. Deep Oil Ring Groove		2.00	3.99	126 RVT PC GI	**4408020**		0.50
122cu. in.			1982-86	GMC Deep Oil Ring Groove		4.75	4.75	860 FV CR	**4408030**		0.75
								732 FV CR	**4408040**		1.00
								397 BF PM S	**2M4408**		STD
								126 RVT PC GI	**2M4408020**		0.50
								860 FV CR	**2M4408030**		0.75
								732 FV CR	**2M4408040**		1.00
173cu. in.		6	1987-93	Vin: W Buick, Cad., Chev. Shallow Oil Ring Groove	89.00	1.50	3.38	032 BF PC GI	**4456**	6 Cyl.	STD
189cu. in.			1989-95	Vin: D, M, T, W, Buick, Cad., Chev. Shallow Oil Ring Groove		1.50	4.01	126 RVT PC GI	**4456010**		0.25
189cu. in.			1987-95	Vin: D GMC W Shallow Oil Ring Groove		4.00	1.27	872 FV CR	**4456020**		0.50
								732 FV CR	**4456030**		0.75
									4456040		1.00
									4456060		1.50
								397 BF PM S	**2M4456**		STD
								126 RVT PC GI	**2M4456010**		0.25
								872 FV CR	**2M4456020**		0.50
								732 FV CR	**2M4456030**		0.75
									2M4456040		1.00
									2M4456060		1.50
170cu. in.	2792	6	2005-10	DOHC Cadillac CTS Vin: 4	89.00	1.20	3.33	398 BF CR S	**2C4701**	6 Cyl.	STD
						1.50	4.01	126 RVT PC GI	**2C4701010**		0.25
						2.50	2.92	995 FV CR	**2C4701020**		0.50
								732 FV CR	**2C4701030**		0.75
121cu. in.		4	1983-84	S Series	89.00	2.00	3.38	032 BF PC GI	**4705**	4 Cyl.	STD
						2.00	3.99	126 RVT PC GI	**4705020**		0.50
						4.75	4.75	860 FV CR	**4705030**		0.75
								732 FV CR	**4705040**		1.00
								362 BF 3CR GI	**2C4705**		STD
								126 RVT PC GI	**2C4705020**		0.50
								860 FV CR	**2C4705030**		0.75
								732 FV CR	**2C4705040**		1.00
189cu. in.		6	1996-99	Vin: M,K	89.00	1.20	3.73	398 BF CR S	**2C4888**	6 Cyl.	STD
						1.50	4.01	126 RVT PC GI	**2C4888010**		0.25
						3.00	3.81	872 FV CR	**2C4888020**		0.50
								005 FV CR	**2C4888030**		0.75
									2C4888040		1.00
									2C4888060		1.50
212cu. in.		6	2004-07	SOHC Saturn Vue Vin: U Honda	89.00	1.20	3.33	398 BF CR S	**2C4972**	6 Cyl.	STD
						1.20	3.68	610 RVT PC GI	**2C4972020**		0.50
						2.80	2.79	997 FV CR	**2C4972030**		0.75
								732 FV CR	**2C4972040**		1.00
189cu. in.		6	1999-05	Vin: J Shallow Oil Ring Groove	89.00	1.20	3.73	398 BF CR S	**2C4979**	6 Cyl.	STD
						1.50	4.01	126 RVT PC GI	**2C4979020**		0.50
						3.00	2.79	997 FV CR	**2C4979030**		0.75
								732 FV CR	**2C4979040**		1.00
								397 BF PM S	**2M4979**		STD
								126 RVT PC GI	**2M4979020**		0.50
								997 FV CR	**2M4979030**		0.75
								732 FV CR			
182cu. in.		6	2010-13	Eng Vin. 5 Flex Fuel code LFW	89.00	1.00	3.33	398 BF CR S	**2C5225**	6 Cyl.	STD
182cu. in.			2010-12	Vin: 5 Flex Fuel code LFW		1.20	3.68	610 RVT PC GI	**2C5225010**		0.25
						1.50	3.10	981 FV CR	**2C5225020**		0.50
								005 FV CR	**2C5225030**		0.75
									2C5225040		1.00

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
GENERAL MOTORS											
173cu. in.		6	1981-84	Chevrolet	89.00	1.50	3.38	032 BF PC GI	**5632**	6 Cyl.	STD
173cu. in.				GMC S15		2.00	3.99	126 RVT PC GI	**5632010**		0.25
						4.75	1.27	860 FV CR	**5632020**		0.50
								732 FV CR	**5632030**		0.75
									5632040		1.00
									5632060		1.50
								363 BF CR GI	**2C5632**		STD
								126 RVT PC GI	**2C5632020**		0.50
								860 FV CR	**2C5632030**		0.75
								732 FV CR	**2C5632040**		1.00
									2C5632060		1.50
								397 BF PM S	**2M5632**		STD
								126 RVT PC GI	**2M5632010**		0.25
								860 FV CR	**2M5632020**		0.50
								732 FV CR	**2M5632030**		0.75
									2M5632040		1.00
									2M5632060		1.50
112cu. in.		4	1981-82	Chevrolet, Pontiac Shallow Oil Ring Groove	89.00	1.50	3.38	032 BF PC GI	**5650**	4 Cyl.	STD
122cu. in.			1982-83	Chev., GMC Shallow Oil Ring Groove		2.00	3.99	126 RVT PC GI	**5650020**		0.50
						4.75	3.81	872 FV CR	**5650030**		0.75
								732 FV CR	**5650040**		1.00
									5650060		1.50
								397 BF PM S	**2M5650**		STD
								126 RVT PC GI	**2M5650020**		0.50
								872 FV CR	**2M5650030**		0.75
								732 FV CR	**2M5650040**		1.00
122cu. in.		4		Vin: 1 Buick, Cad., Chev., Pont. Shallow Oil Ring Groove	89.00	1.50	3.25	397 BF PM S	**2M6209**	4 Cyl.	STD
134cu. in.				Vin: 1,4,5,6, Shallow Oil Ring Groove		1.50	4.01	126 RVT PC GI	**2M6209020**		0.50
122cu. in.				GMC Shallow Oil Ring Groove		3.00	1.27	872 FV CR	**2M6209030**		0.75
134cu. in.				Vin: 1,4,5,L				005 FV CR	**2M6209040**		1.00
									2M6209060		1.50
214cu. in.		6	1999-03	Vin: H Oldsmobile	89.50	1.20	3.73	398 BF CR S	**2C4963**	6 Cyl.	STD
						1.50	4.01	126 RVT PC GI	**2C4963010**		0.25
						2.50	3.18	995 FV CR	**2C4963020**		0.50
								005 FV CR	**2C4963030**		0.75
120cu. in.	1900	4	1975-79	Export	90.00	2.00	3.99	032 BF PC GI	**4171**	4 Cyl.	STD
						2.00	4.01	126 RVT PC GI	**4171020**		0.50
						4.50	4.39	860 FV CR			
								732 FV CR			
146cu. in.		4	1996-02	Vin: T	90.00	1.20	3.53	398 BF CR S	**2C4898**	4 Cyl.	STD
						1.50	4.01	126 RVT PC GI	**2C4898010**		0.25
						3.00	3.94	872 FV CR	**2C4898020**		0.50
								732 FV CR	**2C4898030**		0.75
									2C4898040		1.00
								397 BF PM S	**2M4898**		STD
								126 RVT PC GI	**2M4898010**		0.25
								872 FV CR	**2M4898020**		0.50
								732 FV CR	**2M4898030**		0.75
									2M4898040		1.00
235cu. in.		6	1953-62	Chevrolet Cast Iron Piston	90.49	2.38	3.66	032 BF PC GI	**135**	6 Cyl.	STD
235cu. in.			1950-52	Chevrolet		3.18	4.04	126 RVT PC GI	**135030**		0.75
235cu. in.			1950-55	GMC - Canada		4.75	4.62	860 FV CR			
								732 FV CR			
								362 BF 3CR GI	**2C135**		STD
								126 RVT PC GI	**2C135030**		0.75
								860 FV CR			
								732 FV CR			
235cu. in.		6	1954-62	Chevrolet	90.49	2.38	3.66	032 BF PC GI	**136**	6 Cyl.	STD
235cu. in.			1953-62	Chevrolet Aluminum Piston		2.25	4.29	126 RVT PC GI	**136020**		0.50
239cu. in.			1941-52	All Models 24, 25, 26 Pontiac		4.75	4.62	860 FV CR	**136030**		0.75
235cu. in.			1956-62	GMC - Canada				732 FV CR	**136040**		1.00
									136080		2.00
								362 BF 3CR GI	**2C136**		STD
								126 RVT PC GI	**2C136030**		0.75
								860 FV CR	**2C136040**		1.00
								732 FV CR			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
GENERAL MOTORS											
228cu. in.		6	1935-50	GMC To S/N 228-308565	90.49	3.18	4.01	362 BF 3CR GI	**2C468**	6 Cyl.	STD
						3.18	4.04	126 RVT PC GI			
						3.18	4.04	126 RVT PC GI			
						4.75	4.62	860 FV CR			
								732 FV CR			
228 CID		6	1935-50	GMC To S/N 228-308565	90.49	2.25	4.27	362 BF 3CR GI	**2C5047**	6 Cyl.	STD
						3.18	4.04	126 RVT PC GI	**2C5047030**		0.75
						3.18	4.04	126 RVT PC GI			
						4.75	4.62	860 FV CR			
								732 FV CR			
228cu. in.		6		GMC	90.49	2.25	4.27	362 BF 3CR GI	**2C5257**	6 Cyl.	STD
						2.25	3.68	126 RVT PC GI			
						2.25	3.68	126 RVT PC GI			
						4.75	4.62	860 FV CR			
								732 FV CR			
224cu. in.		6		GMC - CI Piston - Canada	90.49	3.18	4.01	032 BF PC GI	**5585**	6 Cyl.	STD
235cu. in.				GMC - CI Piston		3.18	4.04	126 RVT PC GI			
						4.75	4.62	860 FV CR			
								732 FV CR			
235cu. in.		6	1954-61	Chevrolet 4 Ring Repl. Piston	90.49	2.25	3.66	032 BF PC GI	**6338**	6 Cyl.	STD
235cu. in.			1953-61	GMC 4 Ring Repl. Piston		2.25	4.29	126 RVT PC GI	**6338020**		0.50
						4.75	4.62	860 FV CR	**6338030**		0.75
						4.75	4.04	732 FV CR	**6338040**		1.00
								501 1PCO PC GI			
194cu. in.		6	1962-67	Chevrolet	90.49	2.00	4.01	032 BF PC GI	**666**	6 Cyl.	STD
239cu. in.			1953-54	All Models 25 Pontiac		2.00	4.29	126 RVT PC GI	**666020**		0.50
194cu. in.			1963-67	GMC		4.75	4.62	860 FV CR	**666060**		1.50
								732 FV CR			
								362 BF 3CR GI	**2C666**		STD
								126 RVT PC GI	**2C666060**		1.50
								860 FV CR			
								732 FV CR			
								327 BF PM GI	**2M666**		STD
								126 RVT PC GI	**2M666060**		1.50
								860 FV CR			
								732 FV CR			
273cu. in.		8	1988-95	Cadillac Shallow Oil Ring Groove	92.00	1.50	4.06	032 BF PC GI	**4284**	8 Cyl.	STD
300cu. in.			1988-95	Cadillac Shallow Oil Ring Groove		1.50	3.78	126 RVT PC GI	**4284010**		0.25
						3.00	1.27	872 FV CR	**4284020**		0.50
								005 FV CR	**4284040**		1.00
								327 BF PM GI	**2M4284**		STD
								126 RVT PC GI	**2M4284010**		0.25
								872 FV CR	**2M4284020**		0.50
								005 FV CR			
140cu. in.		4	1987-95	Quad 4, Buick, Olds, Pontiac, Vin: A,D,3 Shallow Oil Ring Groove	92.00	1.50	3.48	032 BF PC GI	**4468**	4 Cyl.	STD
						1.50	3.78	126 RVT PC GI	**4468010**		0.25
						3.00	3.18	054 FV CR	**4468020**		0.50
								005 FV CR	**4468030**		0.75
									4468040		1.00
								335 T PM DI	**2M4468**		STD
			1987-95					126 RVT PC GI	**2M4468010**		0.25
								054 FV CR	**2M4468020**		0.50
								005 FV CR	**2M4468030**		0.75
									2M4468040		1.00
									2M4468060		1.50
207cu. in.		6	1991-97	Chevrolet, Vin: X	92.00	1.50	3.84	032 BF PC GI	**4649**	6 Cyl.	STD
						1.50	3.78	126 RVT PC GI	**4649020**		0.50
						4.00	3.43	870 FV CR	**4649030**		0.75
								732 FV CR	**4649040**		1.00
									4649060		1.50
								335 T PM DI	**2M4649**		STD
								126 RVT PC GI	**2M4649010**		0.13
								870 FV CR	**2M4649010**		0.25
								732 FV CR	**2M4649020**		0.50
									2M4649030		0.75
									2M4649040		1.00

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
GENERAL MOTORS											
207cu. in.		6	1996-03	Vin: E w/4.00 MM Oil Groove	92.00	1.20	3.73	398 BF CR S	**2C4893**	6 Cyl.	STD
207cu. in.			1996-03	Chevrolet Vin: E,F		1.50	3.78	126 RVT PC GI	**2C4893020**		0.50
						4.00	3.94	872 FV CR	**2C4893030**		0.75
								005 FV CR	**2C4893040**		1.00
									2C4893060		1.50
								397 BF PM S	**2M4893**		STD
								126 RVT PC GI	**2M4893020**		0.50
								872 FV CR	**2M4893030**		0.75
								005 FV CR	**2M4893040**		1.00
207cu. in.		6	1996-08	Vin: E,F,X w/3.00 MM Oil Groove	92.00	1.20	3.73	398 BF CR S	**2C4903**	6 Cyl.	STD
207cu. in.			2002-09	Vin: E,F w/3.00mm oil groove		1.50	3.78	126 RVT PC GI	**2C4903020**		0.50
						3.00	3.18	054 FV CR	**2C4903030**		0.75
								005 FV CR	**2C4903040**		1.00
286cu. in.		6		236, 2 Engs. GMC	92.08	3.18	3.84	362 BF 3CR GI	**2C4008**	6 Cyl.	STD
						3.18	3.86	126 RVT PC GI			
						3.18	3.86	126 RVT PC GI			
						4.75	1.27	860 FV CR			
								732 FV CR			
264cu. in.		8	1954-55	40 Series Buick	92.08	2.00	4.32	032 BF PC GI	**633**	8 Cyl.	STD
						2.00	4.34	126 RVT PC GI	**633010**		0.25
						4.75	1.27	860 FV CR	**633020**		0.50
								732 FV CR	**633030**		0.75
									633040		1.00
									633060		1.50
								362 BF 3CR GI	**2C633**		STD
								126 RVT PC GI	**2C633020**		0.50
								860 FV CR	**2C633030**		0.75
								732 FV CR	**2C633040**		1.00
								327 BF PM GI	**2M633**		STD
								126 RVT PC GI	**2M633030**		0.75
								860 FV CR	**2M633040**		1.00
								732 FV CR	**2M633060**		1.50
198cu. in.		6	1962-63	Buick	92.08	2.00	4.32	032 BF PC GI	**653**	6 Cyl.	STD
						2.00	4.34	126 RVT PC GI	**653020**		0.50
						4.75	1.27	860 FV CR	**653030**		0.75
								732 FV CR	**653040**		1.00
									653060		1.50
								362 BF 3CR GI	**2C653**		STD
								126 RVT PC GI	**2C653020**		0.50
								860 FV CR	**2C653030**		0.75
								732 FV CR	**2C653040**		1.00
								327 BF PM GI	**2M653**		STD
								126 RVT PC GI	**2M653030**		0.75
								860 FV CR	**2M653040**		1.00
								732 FV CR	**2M653060**		1.50
256cu. in.		6	2001	GMC Vin: S, L6 w/1.2 2nd grv	93.00	1.20	3.73	398 BF CR S	**2C4781**	6 Cyl.	STD
						1.20	3.81	610 RVT PC GI	**2C4781010**		0.25
						2.50	2.79	995 FV CR	**2C4781020**		0.50
								732 FV CR	**2C4781030**		0.75
									2C4781040		1.00
								397 BF PM S	**2M4781**		STD
								610 RVT PC GI	**2M4781010**		0.25
								995 FV CR	**2M4781020**		0.50
								732 FV CR	**2M4781030**		0.75
									2M4781040		1.00
281cu. in.		8	1993-95	Cadillac	93.00	1.50	3.48	032 BF PC GI	**4790**	8 Cyl.	STD
						1.50	3.78	126 RVT PC GI	**4790010**		0.25
						3.00	3.94	872 FV CR	**4790020**		0.50
								732 FV CR	**4790030**		0.75
									4790040		1.00
								335 T PM DI	**2M4790**		STD
								126 RVT PC GI	**2M4790010**		0.25
								872 FV CR	**2M4790020**		0.50
								732 FV CR	**2M4790030**		0.75
									2M4790040		1.00

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
GENERAL MOTORS											
281cu. in.		8	1996-99	Cadillac Vin: 9,Y	93.00	1.20	3.73	398 BF CR S	**2C4894**	8 Cyl.	STD
						1.50	3.78	126 RVT PC GI	**2C4894010**		0.25
						3.00	3.94	872 FV CR	**2C4894020**		0.50
								732 FV CR			
281cu. in.		8	2000-11	Cadillac Vin: 6,9,A,J,S,Y	93.00	1.20	3.73	398 BF CR S	**2C5024**	8 Cyl.	STD
						1.50	3.78	126 RVT PC GI	**2C5024010**		0.25
						2.50	2.79	995 FV CR	**2C5024020**		0.50
								732 FV CR	**2C5024030**		0.75
									2C5024040		1.00
169cu. in.	2770	4	2004-06	Vin: 8	93.00	1.20	3.73	398 BF CR S	**2C5137**	4 Cyl.	STD
						1.50	3.78	126 RVT PC GI	**2C5137020**		0.50
						2.50	2.79	995 FV CR	**2C5137030**		0.75
								732 FV CR	**2C5137040**		1.00
211cu. in.	3460	5	2004-06	L5 Vin: 6	93.00	1.20	3.73	398 BF CR S	**2C5139**	5 Cyl.	STD
						1.50	3.78	126 RVT PC GI	**2C5139010**		0.25
						2.50	2.79	995 FV CR	**2C5139020**		0.50
								732 FV CR	**2C5139030**		0.75
									2C5139040		1.00
								397 BF PM S	**2M5139**		STD
								126 RVT PC GI	**2M5139010**		0.25
								995 FV CR	**2M5139020**		0.50
								732 FV CR	**2M5139030**		0.75
									2M5139040		1.00
256cu. in.		6	2002-09	GMC Vin: S,X L6 DOHC w/1.5 2nd grv	93.00	1.20	3.61	397 BF PM S	**2M5227**	6 Cyl.	STD
						1.50	3.78	126 RVT PC GI	**2M5227010**		0.25
						2.50	2.79	995 FV CR	**2M5227020**		0.50
								732 FV CR	**2M5227030**		0.75
									2M5227040		1.00
262cu. in.		8	1975-76	Chevrolet	93.24	2.00	4.42	032 BF PC GI	**5477**	8 Cyl.	STD
262cu. in.			1975-76	Chevrolet		2.00	4.45	126 RVT PC GI	**5477030**		0.75
262cu. in.				Chevrolet		4.75	1.27	860 FV CR			
								732 FV CR			
								362 BF 3CR GI	**2C5477**		STD
								126 RVT PC GI	**2C5477030**		0.75
								860 FV CR			
								732 FV CR			
								327 BF PM GI	**2M5477**		STD
								126 RVT PC GI	**2M5477030**		0.75
								860 FV CR			
								732 FV CR			
217cu. in.		6	2009-13	Vin: 3 FLEX DOHC V6 Camero, Caprice, Traverse	94.00	1.00	3.33	398 BF CR S	**2C4114**	6 Cyl.	STD
						1.20	3.35	610 RVT PC GI	**2C4114010**		0.25
						1.50	2.97	981 FV CR	**2C4114020**		0.50
								005 FV CR	**2C4114030**		0.75
204cu. in.	3300	6	1989-95	Buick, Chev., Pont. Shallow Oil Ring Groove	94.00	1.50	4.11	032 BF PC GI	**4478**	6 Cyl.	STD
204cu. in.	3300		1989-93	Chev., GMC Shallow Oil Ring Groove		1.50	3.84	126 RVT PC GI	**4478020**		0.50
						3.00	3.86	872 FV CR	**4478030**		0.75
								005 FV CR	**4478040**		1.00
								327 BF PM GI	**2M4478**		STD
								126 RVT PC GI	**2M4478020**		0.50
								872 FV CR	**2M4478030**		0.75
								005 FV CR	**2M4478040**		1.00
									2M4478060		1.50
213cu. in.		6	2004-13	OHV	94.00	1.20	3.53	398 BF CR S	**2C5133**	6 Cyl.	STD
220cu. in.			2004-13	Vin: 7 Buick, Cadillac		1.50	3.84	126 RVT PC GI	**2C5133010**		0.25
220cu. in.			2004-13	Vin: 7		2.50	2.67	995 FV CR	**2C5133020**		0.50
								732 FV CR	**2C5133030**		0.75
									2C5133040		1.00
								397 BF PM S	**2M5133**		STD
								126 RVT PC GI	**2M5133010**		0.25
								995 FV CR	**2M5133020**		0.50
								732 FV CR	**2M5133030**		0.75
									2M5133040		1.00

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
GENERAL MOTORS											
248cu. in.		6		GMC	94.46	2.25	4.45	363 BF CR GI	**2C4400**	6 Cyl.	STD
						3.18	4.17	126 RVT PC GI	**2C4400030**		0.75
						3.18	4.17	126 RVT PC GI			
						4.75	4.75	860 FV CR			
								732 FV CR			
326cu. in.		8	1964-67	Pontiac	94.46	2.00	4.45	032 BF PC GI	**450**	8 Cyl.	STD
						2.00	4.47	126 RVT PC GI	**450030**		0.75
						4.75	4.75	860 FV CR	**450040**		1.00
								732 FV CR	**450060**		1.50
								362 BF 3CR GI	**2C450**		STD
								126 RVT PC GI	**2C450030**		0.75
								860 FV CR	**2C450040**		1.00
								732 FV CR	**2C450060**		1.50
								327 BF PM GI	**2M450**		STD
								126 RVT PC GI	**2M450030**		0.75
								860 FV CR	**2M450040**		1.00
								732 FV CR	**2M450060**		1.50
248cu. in.		6	1953-55	GMC	94.46	2.25	4.45	363 BF CR GI	**2C5255**	6 Cyl.	STD
						2.25	4.47	126 RVT PC GI	**2C5255030**		0.75
						2.25	4.47	126 RVT PC GI			
						4.75	4.75	860 FV CR			
								732 FV CR			
265cu. in.		8	1994-96	Chev, GMC Vin: W Shallow Oil Ring Groove	94.89	2.00	4.17	032 BF PC GI	**4742**	8 Cyl.	STD
305cu. in.			1993-02	Vin: M Shallow Oil Ring Groove		2.00	4.19	126 RVT PC GI	**4742010**		0.25
265cu. in.			1994-96	Chev., GMC Vin: W Shallow Oil Ring Groove		4.75	3.81	872 FV CR	**4742020**		0.50
305cu. in.			1993-02	, GMC, Vin: M Shallow Oil Ring Groove				732 FV CR	**4742030**		0.75
									4742040		1.00
									4742060		1.50
								327 BF PM GI	**2M4742**		STD
								126 RVT PC GI	**2M4742010**		0.25
								872 FV CR	**2M4742020**		0.50
								732 FV CR	**2M4742030**		0.75
									2M4742040		1.00
									2M4742060		1.50
305cu. in.		8	1976-93	Buick, Chev., Pont. Deep Oil Groove	94.89	2.00	4.17	032 BF PC GI	**5499**	8 Cyl.	STD
305cu. in.			1977-94	Chevrolet		2.00	4.19	126 RVT PC GI	**5499010**		0.25
305cu. in.				GMC Deep Oil Ring Groove		4.75	5.21	860 FV CR	**5499020**		0.50
								732 FV CR	**5499030**		0.75
									5499040		1.00
									5499060		1.50
								362 BF 3CR GI	**2C5499**		STD
								126 RVT PC GI	**2C5499010**		0.25
								860 FV CR	**2C5499020**		0.50
								732 FV CR	**2C5499030**		0.75
									2C5499040		1.00
									2C5499060		1.50
								327 BF PM GI	**2M5499**		STD
								126 RVT PC GI	**2M5499010**		0.25
								860 FV CR	**2M5499020**		0.50
								732 FV CR	**2M5499030**		0.75
									2M5499040		1.00
									2M5499060		1.50
		8		305 Buick, Chev., Pont. Low Tension Oil Ring	94.89	2.00	4.47	336 T PM DI	**2M5548**	8 Cyl.	STD
						2.00	4.19	126 RVT PC GI	**2M5548045**		1.13
						4.75	3.81	621 FV CR			
								732 FV CR			
		8		305 Buick, Chev., Pont.	94.89	1.60	4.17	336 T PM DI	**2M5567**	8 Cyl.	STD
						1.60	4.19	126 RVT PC GI	**2M5567035**		0.88
						4.75	4.75	622 FV CR			
								732 FV CR			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
GENERAL MOTORS											
229cu. in.		6	1980-84	Chevrolet, Pontiac	94.89	2.00	4.17	032 BF PC GI	**5617**	6 Cyl.	STD
229cu. in.			1980-85	GMC		2.00	4.19	126 RVT PC GI	**5617010**		0.25
						4.75	5.21	860 FV CR	**5617020**		0.50
								732 FV CR	**5617030**		0.75
									5617040		1.00
									5617060		1.50
								362 BF 3CR GI	**2C5617**		STD
								126 RVT PC GI	**2C5617010**		0.25
								860 FV CR	**2C5617020**		0.50
								732 FV CR	**2C5617030**		0.75
									2C5617040		1.00
									2C5617060		1.50
								327 BF PM GI	**2M5617**		STD
								126 RVT PC GI	**2M5617010**		0.25
								860 FV CR	**2M5617020**		0.50
								732 FV CR	**2M5617030**		0.75
									2M5617040		1.00
									2M5617060		1.50
261cu. in.		6	1954-62	GMC - Canada	95.25	2.38	4.47	032 BF PC GI	**137**	6 Cyl.	STD
						2.25	4.50	126 RVT PC GI	**137030**		0.75
						4.75	1.27	860 FV CR			
								732 FV CR			
								363 BF CR GI	**2C137**		STD
								126 RVT PC GI			
								860 FV CR			
								732 FV CR			
331cu. in.		6		GMC - 4 Ring Piston	95.25	3.18	3.91	362 BF 3CR GI	**2D5028**	6 Cyl.	STD
						3.18	3.94	126 RVT PC GI			
						3.18	3.94	126 RVT PC GI			
						4.75	4.45	553 CF CR GI			
								881 2PCO			
265cu. in.		8	1980-81	Buick, Olds., Pont. Shallow Oil Ring Groove	95.25	2.00	4.47	032 BF PC GI	**5616**	8 Cyl.	STD
						2.00	4.50	126 RVT PC GI	**5616020**		0.50
						4.75	1.27	872 FV CR	**5616030**		0.75
								732 FV CR	**5616040**		1.00
									5616060		1.50
								362 BF 3CR GI	**2C5616**		STD
								126 RVT PC GI	**2C5616020**		0.50
								872 FV CR	**2C5616030**		0.75
								732 FV CR	**2C5616040**		1.00
									2C5616060		1.50
								327 BF PM GI	**2M5616**		STD
								126 RVT PC GI	**2M5616020**		0.50
								872 FV CR	**2M5616030**		0.75
								732 FV CR	**2M5616040**		1.00
									2M5616060		1.50
265cu. in.		8	1955-57	Chevrolet	95.25	2.00	4.47	032 BF PC GI	**568**	8 Cyl.	STD
287cu. in.			1955	Models 27, 28 Pontiac		2.00	4.50	126 RVT PC GI	**568010**		0.25
300cu. in.			1964-67	Buick		4.75	1.27	860 FV CR	**568020**		0.50
303cu. in.			1949-53	Oldsmobile Canada 36, 37				732 FV CR	**568030**		0.75
340cu. in.			1966-67	Buick					**568040**		1.00
265cu. in.			1955-57	Chevrolet					**568060**		1.50
288cu. in.			1955	All 2 Engs. GMC - Canada 265					**568080**		2.00
									568100		2.50
								363 BF CR GI	**2C568**		STD
								126 RVT PC GI	**2C568010**		0.25
								860 FV CR	**2C568020**		0.50
								732 FV CR	**2C568030**		0.75
									2C568040		1.00
									2C568060		1.50
								327 BF PM GI	**2M568**		STD
								126 RVT PC GI	**2M568010**		0.25
								860 FV CR	**2M568100**		2.50
								732 FV CR	**2M568020**		0.50
									2M568030		0.75
									2M568040		1.00
									2M568060		1.50
									2M568080		2.00

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
GENERAL MOTORS											
215 C.I.D.		6	1964-65	3.5L Pontiac Tempest, Lemans	95.25	2.00	4.47	032 BF PC GI	**656**	6 Cyl.	STD
225 C.I.D.		6	1964-67	Buick, Oldsmobile, Pontiac		2.00	4.50	126 RVT PC GI	**656010**		0.25
						4.75	1.27	860 FV CR	**656020**		0.50
								732 FV CR	**656030**		0.75
									656040		1.00
									656060		1.50
								362 BF 3CR GI	**2C656**		STD
								126 RVT PC GI	**2C656010**		0.25
								860 FV CR	**2C656020**		0.50
								732 FV CR	**2C656030**		0.75
									2C656040		1.00
									2C656060		1.50
								327 BF PM GI	**2M656**		STD
								126 RVT PC GI	**2M656010**		0.25
								860 FV CR	**2M656020**		0.50
								732 FV CR	**2M656030**		0.75
									2M656040		1.00
									2M656060		1.50
120cu. in.		4	1971-72	OHC Firenza	95.25	2.00	4.47	032 BF PC GI	**6873**	4 Cyl.	STD
						2.00	4.50	126 RVT PC GI	**6873010**		0.25
						4.75	4.88	860 FV CR	**6873020**		0.50
								732 FV CR	**6873030**		0.75
								362 BF 3CR GI	**2C6873**		STD
								126 RVT PC GI			
								860 FV CR			
								732 FV CR			
223cu. in.	3654	5	2007-12	Vin: E L5, DOHC Hummer H3, H3T	95.50	1.20	3.73	398 BF CR S	**2C5215**	5 Cyl.	STD
						1.50	4.19	126 RVT PC GI	**2C5215020**		0.50
						2.50	2.92	995 FV CR	**2C5215030**		0.75
								732 FV CR	**2C5215040**		1.00
177cu. in.		4	2007-12	DOHC Vin: 9	95.50	1.20	3.73	398 BF CR S	**2C5236**	4 Cyl.	STD
						1.50	4.19	126 RVT PC GI	**2C5236020**		0.50
						2.50	2.92	995 FV CR	**2C5236030**		0.75
								732 FV CR	**2C5236040**		1.00
294cu. in.		8	1999-13	Vin: A,C,V,O,7,4 FLEX Shallow Top Grv.	96.00	1.50	3.86	397 BF PM S	**2M4978**	8 Cyl.	STD
323cu. in.			1999-13	Gas Vin: B,C,J,L,M,P,T,Z flex fuel Vin: 0,3,4 LC9, LS4		1.50	3.73	126 RVT PC GI	**2M4978010**		0.25
						3.00	3.81	872 FV CR	**2M4978020**		0.50
								732 FV CR	**2M4978030**		0.75
									2M4978040		1.00
									2M4978060		1.50
		8	2014-on	ECOTEC 3 L83 OHV FLEX/GAS, TAHOE, SUBURBAN, VIN C	96.00	10.00	3.61	397 BF PM S	**2M5380**	8 Cyl.	STD
						12.00	3.73	126 RVT PC GI	**2M5380020**		0.50
						19.50	3.30	934 FV CR			
								5 FV CR			
		8		323cu.in. Steel Moly top ring Napier ductile iron 2nd ring	96.01	1.50	3.86	397 BF PM S	**SM8531**	8 Cyl.	STD
						1.50	4.19	406 N PC DI			
						3.00	3.81	872 FV CR			
								732 FV CR			
326cu. in.		8	1963	Pontiac	96.05	2.00	4.47	362 BF 3CR GI	**2C682**	8 Cyl.	STD
336 cu. in.			1959	GMC S/N 33635001-on		2.00	4.22	126 RVT PC GI			
						4.75	1.27	860 FV CR			
								732 FV CR			
231cu. in.		6	1987-92	Buick, Chev., Pont. Shallow Oil Ring Groove	96.50	1.50	3.94	032 BF PC GI	**4458**	6 Cyl.	STD
231cu. in.			1987-95	Chev., GMC Shallow Oil Ring Groove		1.50	3.73	126 RVT PC GI	**4458020**		0.50
						3.00	1.27	872 FV CR	**4458030**		0.75
								732 FV CR	**4458040**		1.00
									4458060		1.50
								327 BF PM GI	**2M4458**		STD
								126 RVT PC GI	**2M4458020**		0.50
								872 FV CR	**2M4458030**		0.75
								732 FV CR	**2M4458040**		1.00
									2M4458060		1.50

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
GENERAL MOTORS											
231cu. in.	3800	6	1993-95	V6 Vin: 1,L	96.50	1.20	3.61	397 BF PM S	**2M4764**	6 Cyl.	STD
						1.50	3.73	126 RVT PC GI	**2M4764010**		0.25
						3.00	3.81	872 FV CR	**2M4764020**		0.50
								732 FV CR	**2M4764030**		0.75
									2M4764040		1.00
									2M4764060		1.50
231cu. in.	3800	6	1996-09	Vin: 1,2,4,K	96.50	1.20	3.61	397 BF PM S	**2M4866**	6 Cyl.	STD
						1.50	3.73	126 RVT PC GI	**2M4866010**		0.25
						2.00	3.30	934 FV CR	**2M4866020**		0.50
								935 FV CR	**2M4866030**		0.75
									2M4866040		1.00
181cu. in.		6	1982-88	Chevrolet	96.52	2.00	3.71	032 BF PC GI	**5474**	6 Cyl.	STD
231cu. in.			1975-86	Buick		2.00	4.57	126 RVT PC GI	**5474020**		0.50
231cu. in.			1985	Chevrolet, GMC		4.75	4.62	860 FV CR	**5474030**		0.75
								732 FV CR	**5474040**		1.00
									5474060		1.50
								362 BF 3CR GI	**2C5474**		STD
								126 RVT PC GI	**2C5474010**		0.25
								860 FV CR	**2C5474020**		0.50
								732 FV CR	**2C5474030**		0.75
									2C5474040		1.00
									2C5474060		1.50
								327 BF PM GI	**2M5474**		STD
								126 RVT PC GI	**2M5474020**		0.50
								860 FV CR	**2M5474030**		0.75
								732 FV CR	**2M5474040**		1.00
									2M5474060		1.50
231cu. in.		6	1978-87	Buick Turbo	96.52	2.00	4.55	336 T PM DI	**2M5612**	6 Cyl.	STD
						2.00	4.57	126 RVT PC GI	**2M5612020**		0.50
						4.75	4.62	860 FV CR	**2M5612030**		0.75
								732 FV CR	**2M5612040**		1.00
									2M5612060		1.50
368cu. in.		8	1980-84	Cadillac Shallow Oil Ring Groove	96.52	2.00	3.71	032 BF PC GI	**5614**	8 Cyl.	STD
						2.00	4.57	126 RVT PC GI	**5614020**		0.50
						4.75	1.27	872 FV CR	**5614030**		0.75
								732 FV CR	**5614040**		1.00
									5614060		1.50
								327 BF PM GI	**2M5614**		STD
								126 RVT PC GI	**2M5614020**		0.50
								872 FV CR	**2M5614030**		0.75
								732 FV CR	**2M5614040**		1.00
									2M5614060		1.50
307cu. in.		8	1981-90	Buick, Cadillac, Oldsmobile, Pontiac	96.52	2.00	3.71	032 BF PC GI	**696**	8 Cyl.	STD
350cu. in.			1968-80	Buick		2.00	4.57	126 RVT PC GI	**696010**		0.25
307cu. in.				Chevrolet, Oldsmobile		4.75	4.62	860 FV CR	**696020**		0.50
								732 FV CR	**696030**		0.75
									696040		1.00
									696060		1.50
								362 BF 3CR GI	**2C696**		STD
								126 RVT PC GI	**2C696010**		0.25
								860 FV CR	**2C696020**		0.50
								732 FV CR	**2C696030**		0.75
									2C696040		1.00
									2C696060		1.50
								327 BF PM GI	**2M696**		STD
								126 RVT PC GI	**2M696020**		0.50
								860 FV CR	**2M696030**		0.75
								732 FV CR	**2M696040**		1.00
									2M696060		1.50

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
GENERAL MOTORS											
400cu. in.		8	1968-69	Oldsmobile	98.30	2.00	4.62	032 BF PC GI	**698**	8 Cyl.	STD
						2.00	4.65	126 RVT PC GI	**698040**		1.00
						4.75	5.00	860 FV CR	**698060**		1.50
								732 FV CR			
								362 BF 3CR GI	**2C698**		STD
								126 RVT PC GI	**2C698040**		1.00
								860 FV CR	**2C698060**		1.50
								732 FV CR			
								327 BF PM GI	**2M698**		STD
								126 RVT PC GI	**2M698040**		1.00
								860 FV CR	**2M698060**		1.50
								732 FV CR			
292cu. in.		6		Chev., GMC Fits Brazilian Mahle Piston	98.43	2.25	4.62	363 BF CR GI	**2C4840**	6 Cyl.	STD
						2.25	3.99	126 RVT PC GI			
						4.75	4.62	860 FV CR			
								732 FV CR			
		8		283, 307 Engs. Racing Pistons Chevrolet	98.43	1.60	4.62	336 T PM DI	**2M5522**	8 Cyl.	STD
						1.60	4.65	126 RVT PC GI	**2M5522065**		1.63
						3.00	4.75	622 FV CR			
								732 FV CR			
283cu. in.		8	1957-67	Chevrolet	98.43	2.00	4.62	032 BF PC GI	**660**	8 Cyl.	STD
307cu. in.			1968-73	Chevrolet		2.00	4.65	126 RVT PC GI	**660010**		0.25
324cu. in.			1954-56	Oldsmobile Canada 30, 36		4.75	4.88	860 FV CR	**660020**		0.50
350cu. in.			1968-77	Pontiac				732 FV CR	**660030**		0.75
307cu. in.			1957-67	283, 3 Chevrolet					**660040**		1.00
283cu. in.			1968-73	GMC					**660060**		1.50
307cu. in.			1955-56	GMC					**660080**		2.00
324cu. in.			1958-59	GMC				327 BF PM GI	**2M660**		STD
336 cu. in.				GMC To S/N 33635001				126 RVT PC GI	**2M660010**		0.25
								860 FV CR	**2M660020**		0.50
								732 FV CR			
250cu. in.		6	1966-70	Chevolet, Pontiac	98.43	1.60	4.62	032 BF PC GI	**670**	6 Cyl.	STD
						1.60	4.65	126 RVT PC GI			
						4.75	4.88	860 FV CR			
								732 FV CR			
								327 BF PM GI	**2M670**		STD
								126 RVT PC GI	**2M670010**		0.25
								860 FV CR	**2M670030**		0.75
								732 FV CR			
346cu. in.		8	1997-04	,LS1 Vin: G,S Corvette, Camaro, Firebird FOR CAST IRON SLEEVES ONLY	99.00	1.50	3.66	335 T PM DI	**2M4897**	8 Cyl.	STD
						1.50	4.01	126 RVT PC GI	**2M4897002**		0.05
						3.00	3.81	872 FV CR	**2M4897005**		0.13
								732 FV CR	**2M4897010**		0.25
									2M4897020		0.50
									2M4897030		0.75
									2M4897040		1.00
214cu. in.		6	2004-11	Vin: K, N LZ43.5N	99.00	1.20	3.73	398 BF CR S	**2C5270**	6 Cyl.	STD
238cu. in.			2004-12	Vin: M,R,W,1,3 LZG(gas) LZE(flex-fuel) OHV		1.50	4.01	126 RVT PC GI	**2C5270020**		0.50
238cu. in.			2004-11	Vin: N,R,W,1,3 LZG(gas) LZE(flex-fuel)		2.50	2.79	995 FV CR	**2C5270030**		0.75
								732 FV CR	**2C5270040**		1.00

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
GENERAL MOTORS											
366cu. in.		8	1991-97	V8 4 Ring Piston/Shallow Oil Ring Groove	100.01	2.38	4.34	032 BF PC GI	**4719**	8 Cyl.	STD
						2.00	4.37	126 RVT PC GI	**4719010**		0.25
						2.00	4.37	126 RVT PC GI	**4719020**		0.50
						4.75	3.43	872 FV CR	**4719030**		0.75
								732 FV CR	**4719040**		1.00
									4719060		1.50
								363 BF CR GI	**2C4719**		STD
								126 RVT PC GI	**2C4719010**		0.25
								126 RVT PC GI	**2C4719020**		0.50
								872 FV CR	**2C4719030**		0.75
								732 FV CR	**2C4719040**		1.00
									2C4719060		1.50
								327 BF PM GI	**2M4719**		STD
								126 RVT PC GI	**2M4719010**		0.25
								126 RVT PC GI	**2M4719020**		0.50
								872 FV CR	**2M4719030**		0.75
								732 FV CR	**2M4719040**		1.00
									2M4719060		1.50
366cu. in.		8	1991-97	V8 3 Ring Piston/Shallow Oil Ring Groove	100.01	2.25	4.34	032 BF PC GI	**5049**	8 Cyl.	STD
						2.00	4.37	126 RVT PC GI	**5049010**		0.25
						4.75	3.43	872 FV CR	**5049020**		0.50
								732 FV CR	**5049030**		0.75
									5049040		1.00
									5049060		1.50
								363 BF CR GI	**2C5049**		STD
								126 RVT PC GI	**2C5049010**		0.25
								872 FV CR	**2C5049020**		0.50
								732 FV CR	**2C5049030**		0.75
									2C5049040		1.00
									2C5049060		1.50
								327 BF PM GI	**2M5049**		STD
								126 RVT PC GI	**2M5049010**		0.25
								872 FV CR	**2M5049020**		0.50
								732 FV CR	**2M5049030**		0.75
									2M5049040		1.00
									2M5049060		1.50
316cu. in.		8	1956-57	All Models 27, 28 Pontiac	100.01	2.00	4.34	032 BF PC GI	**636**	8 Cyl.	STD
330cu. in.			1964-67	Oldsmobile		2.00	4.37	126 RVT PC GI	**636030**		0.75
316cu. in.			1955-56	GMC		4.75	1.27	860 FV CR			
347 cu. in.			1957	GMC				732 FV CR			
366cu. in.		8	1966-90	Chev., GMC	100.01	2.38	4.34	032 BF PC GI	**671**	8 Cyl.	STD
						2.00	4.37	126 RVT PC GI	**671010**		0.25
						2.00	4.37	126 RVT PC GI	**671020**		0.50
						4.75	4.88	860 FV CR	**671030**		0.75
								732 FV CR	**671040**		1.00
									671060		1.50
								363 BF CR GI	**2C671**		STD
								126 RVT PC GI	**2C671010**		0.25
								126 RVT PC GI	**2C671020**		0.50
								860 FV CR	**2C671030**		0.75
								732 FV CR	**2C671040**		1.00
									2C671060		1.50
								327 BF PM GI	**2M671**		STD
								126 RVT PC GI	**2M671020**		0.50
								126 RVT PC GI	**2M671030**		0.75
								860 FV CR	**2M671040**		1.00
								732 FV CR	**2M671060**		1.50

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
GENERAL MOTORS											
252cu. in.		6	1980-87	Buick, Cadillac, Pontiac, Oldsmobile	100.71	2.00	4.37	032 BF PC GI	**5619**	6 Cyl.	STD
						2.00	4.39	126 RVT PC GI	**5619020**		0.50
						4.75	4.88	860 FV CR	**5619030**		0.75
								732 FV CR	**5619040**		1.00
									5619060		1.50
								363 BF CR GI	**2C5619**		STD
								126 RVT PC GI	**2C5619020**		0.50
								860 FV CR	**2C5619030**		0.75
								732 FV CR	**2C5619040**		1.00
									2C5619060		1.50
								327 BF PM GI	**2M5619**		STD
								126 RVT PC GI	**2M5619020**		0.50
								860 FV CR	**2M5619030**		0.75
								732 FV CR	**2M5619040**		1.00
									2M5619060		1.50
379cu. in.		8	1982-95	Diesel GMC Incl. Turbo Special .029 to .039 gap 2nd Ring	101.05	2.80	4.37	372 FKST CR DI	**2D4975**	8 Cyl.	STD
						2.00	4.39	130 RVT PC GI	**2D4975020**		0.50
						4.00	4.45	553 CF CR GI	**2D4975030**		0.75
								881 2PCO	**2D4975040**		1.00
									2D4975060		1.50
379cu. in.		8	1982-95	Diesel GMC Incl. Turbo	101.05	2.80	4.37	372 FKST CR DI	**2D5655**	8 Cyl.	STD
						2.00	4.39	126 RVT PC GI	**2D5655020**		0.50
						4.00	4.45	553 CF CR GI	**2D5655030**		0.75
								881 2PCO	**2D5655040**		1.00
									2D5655060		1.50
301 C.I.D.		8	1977-79	4.9L Pontiac	101.60	2.00	4.78	032 BF PC GI	**139**	8 Cyl.	STD
302 C.I.D.		8	1967-70	5.0L Chevorlet Camaro Rally Package		2.00	4.80	126 RVT PC GI	**139010**		0.25
322 C.I.D.		8	1953-60	5.3L 40, 50, 60, 70 Series Buick, Chevy Truck		4.75	4.88	860 FV CR	**139020**		0.50
327 C.I.D.		8	1962-69	5.4L Chevorlet, GMC, Truck				732 FV CR	**139030**		0.75
L (76-82) G(77) H(78) V(76)		8	1967-85	5.7L 350 C.I.D. Chevorlet					**139040**		1.00
L (76-82) G(77) H(78) V(76)		8	1977-79	5.7L 350 C.I.D Buick, Oldsmobile, Pontiac					**139060**		1.50
350 C.I.D. VIN. L		8	1968-89	5.7L 350 C.I.D. GMC deep oil groove					**139070**		1.75
365C.I.D.		8	1956-58	6.0L Cadillac					**139080**		2.00
390 C.I.D.		8	1959-63	6.4L Cadillac					**139100**		2.50
400 C.I.D.		8	1965-67	6.6L Oldsmobile				362 BF 3CR GI	**2C139**		STD
								126 RVT PC GI	**2C139010**		0.25
								860 FV CR	**2C139020**		0.50
								732 FV CR	**2C139030**		0.75
									2C139040		1.00
									2C139060		1.50
									2C139070		1.75
									2C139080		2.00
								397 BF PM S	**2M139**		STD
								126 RVT PC GI	**2M139005**		0.13
								860 FV CR	**2M139010**		0.25
								732 FV CR	**2M139020**		0.50
									2M139030		0.75
									2M139040		1.00
									2M139060		1.50
									2M139070		1.75
									2M139070		2.00
									2M139100		2.50

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
GENERAL MOTORS											
151 C.I.D.		4	1982-93	2.5L Chevorlet, Buick, Oldsmobile, Pontiac	101.60	1.60	4.78	032 BF PC GI	**4366**	4 Cyl.	STD
151 C.I.D.		4	1982-93	2.5L GMC Truck		2.00	4.80	126 RVT PC GI	**4366020**		0.50
				DEEP OIL GROOVE		4.75	4.88	860 FV CR	**4366030**		0.75
								732 FV CR	**4366040**		1.00
									4366060		1.50
								362 BF 3CR GI	**2C4366**		STD
								126 RVT PC GI	**2C4366020**		0.50
								860 FV CR	**2C4366030**		0.75
								732 FV CR	**2C4366040**		1.00
									2C4366060		1.50
								327 BF PM GI	**2M4366**		STD
								126 RVT PC GI	**2M4366020**		0.50
								860 FV CR	**2M4366030**		0.75
								732 FV CR	**2M4366040**		1.00
									2M4366060		1.50
350cu. in.		8	1990-02	Light Wt. Piston, LT1 Shallow Oil Ring Groove Vin: R,P,5,7,8	101.60	2.00	4.78	032 BF PC GI	**4626**	8 Cyl.	STD
350cu. in.			1990-02	Light Wt. Piston, Vin: R Shallow Oil Ring Groove		1.50	4.37	126 RVT PC GI	**4626005**		0.13
						4.00	3.81	872 FV CR	**4626010**		0.25
								732 FV CR	**4626020**		0.50
									4626030		0.75
									4626040		1.00
									4626060		1.50
								397 BF PM S	**2M4626**		STD
								126 RVT PC GI	**2M4626005**		0.13
								872 FV CR	**2M4626010**		0.25
								732 FV CR	**2M4626020**		0.50
									2M4626025		0.63
									2M4626030		0.75
									2M4626035		0.88
									2M4626040		1.00
									2M4626060		1.50
262cu. in.		6	1990-95		101.60	2.00	4.78	032 BF PC GI	**4720**	6 Cyl.	STD
262cu. in.			1990-95			1.50	4.37	126 RVT PC GI	**4720020**		0.50
						4.00	3.81	872 FV CR	**4720030**		0.75
								732 FV CR	**4720040**		1.00
									4720060		1.50
								397 BF PM S	**2M4720**		STD
								126 RVT PC GI	**2M4720020**		0.50
								872 FV CR	**2M4720030**		0.75
								732 FV CR	**2M4720040**		1.00
									2M4720060		1.50
262cu. in.		6	1988-95	Vin: Z Shallow Oil Ring Groove	101.60	2.00	4.78	032 BF PC GI	**4721**	6 Cyl.	STD
262cu. in.			1988-95	Vin: Z Shallow Oil Ring Groove		2.00	4.80	126 RVT PC GI	**4721020**		0.50
						4.75	1.27	872 FV CR	**4721030**		0.75
								732 FV CR	**4721040**		1.00
									4721060		1.50
								397 BF PM S	**2M4721**		STD
								126 RVT PC GI	**2M4721020**		0.50
								872 FV CR	**2M4721030**		0.75
								732 FV CR	**2M4721040**		1.00
									2M4721060		1.50
350cu. in.		8	1996-00	(Vortec) Shallow Oil Ring groove	101.60	1.50	3.96	032 BF PC GI	**4860**	8 Cyl.	STD
350cu. in.			1996-00	(Vortec) Shallow Oil Ring groove		1.50	4.37	126 RVT PC GI	**4860020**		0.50
364cu. in.			1999-04	V8 Vin: H,N,U		3.00	3.81	872 FV CR	**4860030**		0.75
								732 FV CR	**4860040**		1.00
									4860060		1.50
								335 T PM DI	**2M4860**		STD
								126 RVT PC GI	**2M4860005**		0.13
								872 FV CR	**2M4860010**		0.25
								732 FV CR	**2M4860020**		0.50
									2M4860030		0.75
									2M4860040		1.00
									2M4860045		1.13
									2M4860060		1.50

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
GENERAL MOTORS											
262cu. in.		6	1996-97	Vin; W,X	101.60	1.50	3.96	032 BF PC GI	**4862**	6 Cyl.	STD
262cu. in.			1996-13	Vin: W,X		1.50	4.37	126 RVT PC GI	**4862020**		0.50
						3.00	3.81	872 FV CR	**4862030**		0.75
								732 FV CR	**4862040**		1.00
									4862060		1.50
								335 T PM DI	**2M4862**		STD
								126 RVT PC GI	**2M4862020**		0.50
								872 FV CR	**2M4862030**		0.75
								732 FV CR	**2M4862040**		1.00
									2M4862060		1.50
364cu. in.		8	2005-13	LS2, L96 Pontiac GTO, Corvette	101.60	1.20	3.61	397 BF PM S	**2M5170**	8 Cyl.	STD
364cu. in.			2005-13	LS2, L96,LC8,LZ1 Vin: B,G,H,K,U,Y,2,5,8 fuel type CNG,FLEX, GAS, Electric/Gas		1.50	4.37	126 RVT PC GI	**2M5170005**		0.13
						2.50	2.92	995 FV CR	**2M5170010**		0.25
								732 FV CR	**2M5170020**		0.50
									2M5170030		0.75
									2M5170040		1.00
									2M5170060		1.50
302cu. in.		6	1952-59	GMC	101.60	2.50	4.78	363 BF CR GI	**2C5209**	6 Cyl.	STD
						2.25	4.42	126 RVT PC GI	**2C5209060**		1.50
						2.25	4.42	126 RVT PC GI			
						4.75	4.88	860 FV CR			
								732 FV CR			
181cu. in.		4		Chevrolet	101.60	2.00	4.78	336 T PM DI	**2M5502**	4 Cyl.	STD
151cu. in.				Chevrolet		2.00	4.80	126 RVT PC GI	**2M5502020**		0.50
						4.75	5.00	622 FV CR	**2M5502030**		0.75
								732 FV CR	**2M5502060**		1.50
		8	1962-69	302 Chevrolet Low Tension Oil Ring	101.60	2.00	4.78	336 T PM DI	**2M5504**	8 Cyl.	STD
			1966-75	327 Chevrolet Low Tension Oil Ring		2.00	4.80	126 RVT PC GI	**2M5504030**		0.75
			1956-63	350 V8 Chevrolet Low Tension Oil Ring		4.75	3.81	621 FV CR	**2M5504040**		1.00
			1965-67	365, 390 Engs. Cadillac Low Tension Oil Ring				732 FV CR	**2M5504045**		1.13
			1967-68	400 Oldsmobile Low Tension Oil Ring							
		8		302, 327, 350 Engs. Low Tension Oil Ring	101.60	1.60	4.78	336 T PM DI	**2M5505**	8 Cyl.	STD
						1.60	4.80	126 RVT PC GI	**2M5505030**		0.75
						4.75	3.81	621 FV CR	**2M5505035**		0.88
								732 FV CR	**2M5505040**		1.00
									2M5505045		1.13
									2M5505060		1.50
									2M5505065		1.63
		8	1962-69	302 Chevrolet	101.60	2.00	4.78	336 T PM DI	**2M5508**	8 Cyl.	STD
			1966-75	327 Chevrolet		2.00	4.80	126 RVT PC GI	**2M5508005**		0.13
			1956-63	350 V8 Chevrolet		4.75	5.00	622 FV CR	**2M5508020**		0.50
			1965-67	365, 390 Engs. Cadillac				732 FV CR	**2M5508025**		0.63
			1967-68	400 Oldsmobile					**2M5508030**		0.75
									2M5508035		0.88
									2M5508040		1.00
									2M5508045		1.13
									2M5508060		1.50
									2M5508065		1.63

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
GENERAL MOTORS											
		8		302, 327, 350 Engs.	101.60	1.60	4.78	339 T PM GI	**CM5521**	8 Cyl.	STD
						1.60	4.80	126 RVT PC GI	**CM5521030**		0.75
						3.00	4.75	622 FV CR	**CM5521035**		0.88
								732 FV CR	**CM5521040**		1.00
									CM5521060		1.50
		8			101.60	1.60	4.78	336 T PM DI	**2M5521**	8 Cyl.	STD
						1.60	4.80	126 RVT PC GI	**2M5521005**		0.13
						3.00	4.75	622 FV CR	**2M5521010**		0.25
								732 FV CR	**2M5521020**		0.50
									2M5521025		0.63
									2M5521030		0.75
									2M5521035		0.88
									2M5521040		1.00
									2M5521045		1.13
									2M5521060		1.50
									2M5521065		1.63
		8		302, 327, 350 Engs.	101.60	1.60	4.78	336 T PM DI	**2M5523**	8 Cyl.	STD
						1.60	4.80	126 RVT PC GI	**2M5523005**		0.13
						4.75	4.75	622 FV CR	**2M5523010**		0.25
								732 FV CR	**2M5523020**		0.50
									2M5523025		0.63
									2M5523030		0.75
									2M5523035		0.88
									2M5523040		1.00
									2M5523045		1.13
									2M5523060		1.50
									2M5523065		1.63
									2M5523080		2.00
		8			101.60	2.00	4.85	102 T PC GI	**C5531**	8 Cyl.	STD
						2.00	4.80	126 RVT PC GI			
						4.75	4.88	860 FV CR			
								732 FV CR			
								339 T PM GI	**CM5531**		STD
								126 RVT PC GI	**CM5531030**		0.75
								860 FV CR			
								732 FV CR			
		8			101.60	1.60	4.78	102 T PC GI	**C5532**	8 Cyl.	STD
						1.60	4.80	126 RVT PC GI	**C5532030**		0.75
						4.75	4.88	860 FV CR	**C5532040**		1.00
								732 FV CR	**C5532060**		1.50
								339 T PM GI	**CM5532**		STD
								126 RVT PC GI	**CM5532020**		0.50
								860 FV CR	**CM5532030**		0.75
								732 FV CR	**CM5532035**		0.88
									CM5532040		1.00
									CM5532060		1.50
		8		302, 327, 350 Engs. Contains 3.0MM Oil Ring	101.60	1.60	4.78	336 T PM DI	**2M5538**	8 Cyl.	STD
						1.60	4.80	126 RVT PC GI	**2M5538005**		0.13
						3.00	3.86	621 FV CR	**2M5538010**		0.25
								005 FV CR	**2M5538020**		0.50
									2M5538025		0.63
									2M5538030		0.75
									2M5538035		0.88
									2M5538040		1.00
									2M5538045		1.13
									2M5538060		1.50
									2M5538065		1.63
									2M5538075		1.88
									2M5538085		2.13

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
GENERAL MOTORS											
		8		327, 350, Chevrolet w/1.5mm Comp & 3.0mm Oil	101.60	1.50	4.78	102 T PC GI	**C5540**	8 Cyl.	STD
						1.50	4.37	126 RVT PC GI			
						3.00	3.81	621 FV CR			
								732 FV CR			
								339 T PM GI	**CM5540**		STD
								126 RVT PC GI	**CM5540030**		0.75
								621 FV CR			
								732 FV CR			
								336 T PM DI	**2M5540**		STD
								126 RVT PC GI	**2M5540005**		0.13
								621 FV CR	**2M5540025**		0.63
								732 FV CR	**2M5540030**		0.75
									2M5540035		0.88
									2M5540040		1.00
									2M5540045		1.13
									2M5540060		1.50
									2M5540065		1.63
									2M5540085		2.13
151cu. in.		4	1978-80	Buick, Chevrolet	101.60	2.00	4.78	032 BF PC GI	**5570**	4 Cyl.	STD
						2.00	4.80	126 RVT PC GI	**5570020**		0.50
						4.75	4.88	860 FV CR	**5570030**		0.75
								732 FV CR	**5570040**		1.00
									5570060		1.50
								362 BF 3CR GI	**2C5570**		STD
								126 RVT PC GI	**2C5570020**		0.50
								860 FV CR	**2C5570030**		0.75
								732 FV CR	**2C5570040**		1.00
									2C5570060		1.50
								397 BF PM S	**2M5570**		STD
								126 RVT PC GI	**2M5570020**		0.50
								860 FV CR	**2M5570030**		0.75
								732 FV CR	**2M5570040**		1.00
									2M5570060		1.50
									2M5570065		1.63
								397 BF PM S	**SM5570**		STD
								126 RVT PC GI	**SM5570020**		0.50
								860 FV CR	**SM5570030**		0.75
								732 FV CR	**SM5570040**		1.00
									SM5570060		1.50
									SM5570065		1.63
50, cu. in.		8		327, 3 Engs. contains Steel Moly top rings	101.60	1.09	4.09	395 T PM S	**SM5587**	8 Cyl.	STD
						1.09	4.37	610 RVT PC GI	**SM5587030**		0.75
						3.00	3.86	621 FV CR	**SM5587035**		0.88
								005 FV CR	**SM5587040**		1.00
									SM5587045		1.13
									SM5587060		1.50
									SM5587065		1.63
301cu. in.		8	1980-81	Pontiac Shallow Oil Ring Groove	101.60	2.00	4.78	032 BF PC GI	**5615**	8 Cyl.	STD
350cu. in.			1986-89	Vin: K Chevrolet Shallow Oil Ring Groove		2.00	4.80	126 RVT PC GI	**5615020**		0.50
350cu. in.			1987-96	Vin: K GMC Shallow Oil Ring Groove		4.75	1.27	872 FV CR	**5615030**		0.75
								732 FV CR	**5615040**		1.00
									5615060		1.50
									5615080		2.00
								362 BF 3CR GI	**2C5615**		STD
								126 RVT PC GI	**2C5615020**		0.50
								872 FV CR	**2C5615030**		0.75
								732 FV CR	**2C5615040**		1.00
									2C5615060		1.50
								397 BF PM S	**2M5615**		STD
								126 RVT PC GI	**2M5615020**		0.50
								872 FV CR	**2M5615030**		0.75
								732 FV CR	**2M5615040**		1.00
									2M5615060		1.50
									2M5615080		2.00

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
GENERAL MOTORS											
301cu. in.		8	1980-81	Buick, Pontiac Turbo Shallow Oil Ring Groove	101.60	2.00	4.78	336 T PM DI	**2M5620**	8 Cyl.	STD
						2.00	4.80	126 RVT PC GI	**2M5620020**		0.50
						4.75	1.27	872 FV CR	**2M5620030**		0.75
								732 FV CR	**2M5620040**		1.00
									2M5620060		1.50
151cu. in.		4	1981	Chevrolet, Pontiac Shallow Oil Ring Groove Also fit Brazilian Mahle Piston	101.60	2.00	4.78	032 BF PC GI	**5630**	4 Cyl.	STD
						2.00	4.80	126 RVT PC GI	**5630020**		0.50
						4.75	1.27	872 FV CR	**5630030**		0.75
								732 FV CR	**5630040**		1.00
								362 BF 3CR GI	**2C5630**		STD
								126 RVT PC GI	**2C5630020**		0.50
								872 FV CR	**2C5630030**		0.75
								732 FV CR	**2C5630040**		1.00
									2C5630060		1.50
								397 BF PM S	**2M5630**		STD
								126 RVT PC GI	**2M5630020**		0.50
								872 FV CR	**2M5630030**		0.75
								732 FV CR	**2M5630040**		1.00
151cu. in.		4	1982-93	Buick, Chevrolet Shallow Oil Ring Groove	101.60	1.60	4.78	032 BF PC GI	**5663**	4 Cyl.	STD
151cu. in.			1985-93	GMC Shallow Oil Ring Groove		2.00	4.80	126 RVT PC GI	**5663020**		0.50
						4.75	1.27	872 FV CR	**5663030**		0.75
								732 FV CR	**5663040**		1.00
									5663060		1.50
								362 BF 3CR GI	**2C5663**		STD
								126 RVT PC GI	**2C5663020**		0.50
								872 FV CR	**2C5663030**		0.75
								732 FV CR	**2C5663040**		1.00
									2C5663060		1.50
								327 BF PM GI	**2M5663**		STD
								126 RVT PC GI	**2M5663020**		0.50
								872 FV CR	**2M5663030**		0.75
								732 FV CR	**2M5663040**		1.00
									2M5663060		1.50
262cu. in.		6	1985-93	Vin: N,Z Chevrolet, Pontiac Deep Oil Groove	101.60	2.00	4.78	032 BF PC GI	**5712**	6 Cyl.	STD
262cu. in.			1985-94	Chevrolet		2.00	4.80	126 RVT PC GI	**5712020**		0.50
262cu. in.				Chev., Vin; Z Deep Oil Ring Groove		4.75	4.24	871 FV CR	**5712030**		0.75
								732 FV CR	**5712040**		1.00
									5712060		1.50
								362 BF 3CR GI	**2C5712**		STD
								126 RVT PC GI	**2C5712020**		0.50
								871 FV CR	**2C5712030**		0.75
								732 FV CR	**2C5712040**		1.00
									2C5712060		1.50
								397 BF PM S	**2M5712**		STD
								126 RVT PC GI	**2M5712020**		0.50
								871 FV CR	**2M5712030**		0.75
								732 FV CR	**2M5712040**		1.00
									2M5712060		1.50
370cu. in.		8	1957-59		101.60	2.00	4.78	032 BF PC GI	**577**	8 Cyl.	STD
						2.38	4.80	126 RVT PC GI	**577020**		0.50
						4.75	4.88	860 FV CR	**577030**		0.75
								732 FV CR	**577040**		1.00
									577060		1.50
								362 BF 3CR GI	**2C577**		STD
								126 RVT PC GI	**2C577020**		0.50
								860 FV CR	**2C577030**		0.75
								732 FV CR	**2C577040**		1.00
									2C577060		1.50
								397 BF PM S	**2M577**		STD
								126 RVT PC GI	**2M577020**		0.50
								860 FV CR	**2M577030**		0.75
								732 FV CR	**2M577040**		1.00
									2M577060		1.50

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
GENERAL MOTORS											
371cu. in.		8	1957-60	Oldsmobile	101.60	2.00	4.78	032 BF PC GI	**650**	8 Cyl.	STD
						2.25	4.80	126 RVT PC GI			
						4.75	4.88	860 FV CR			
								732 FV CR			
		8		327, 350, Chevrolet Napier ductile iron 2nd ring w/1.5mm Comp & 3.0mm Oil	101.60	1.50	4.09	336 T PM DI	**2M8521**	8 Cyl.	STD
						1.50	4.37	406 N PC DI	**2M8521005**		0.13
						3.00	3.81	621 FV CR	**2M8521035**		0.88
								732 FV CR	**2M8521045**		1.13
									2M8521065		1.63
								397 BF PM S	**SM8521**		STD
								406 N PC DI	**SM8521035**		0.88
								621 FV CR	**SM8521065**		1.63
								732 FV CR			
		8		302, 327, 350 Engs. contains Steel Moly top rings	101.60	1.09	4.09	395 T PM S	**SM8527**	8 Cyl.	STD
						1.60	4.80	126 RVT PC GI	**SM8527005**		0.13
						4.75	4.75	622 FV CR	**SM8527025**		0.63
								732 FV CR	**SM8527035**		0.88
									SM8527045		1.13
									SM8527065		1.63
									SM8527080		2.00
		8		302, 327, 350 Engs. contains Steel Moly top rings Low Tension Oil Ring	101.60	1.09	4.09	395 T PM S	**SM8537**	8 Cyl.	STD
						1.60	4.80	126 RVT PC GI	**SM8537035**		0.88
						4.75	3.81	621 FV CR	**SM8537045**		1.13
								732 FV CR	**SM8537065**		1.63
									SM8537080		2.00
		8		302, 327, 350 Engs. w/ Napier 2nd ring	101.60	1.60	4.78	336 T PM DI	**2M8542**	8 Cyl.	STD
						1.60	4.42	406 N PC DI	**2M8542005**		0.13
						4.75	4.75	622 FV CR	**2M8542030**		0.75
								732 FV CR	**2M8542035**		0.88
									2M8542040		1.00
									2M8542045		1.13
									2M8542060		1.50
									2M8542065		1.63
		8		302, 327, 350 Engs. Napier 2nd ring Low Tension Oil Ring	101.60	1.60	4.78	336 T PM DI	**2M8543**	8 Cyl.	STD
						1.60	4.42	406 N PC DI	**2M8543030**		0.75
						4.75	3.81	621 FV CR	**2M8543035**		0.88
								732 FV CR	**2M8543040**		1.00
									2M8543045		1.13
									2M8543060		1.50
									2M8543065		1.63
50, cu. in.		8		327, 3 Engs. contains Steel Moly top ring w/napier 2nd ring	101.60	1.09	4.09	395 T PM S	**SM8556**	8 Cyl.	STD
						1.09	4.37	406 N PC DI	**SM8556005**		0.13
						3.00	3.86	621 FV CR	**SM8556025**		0.63
								005 FV CR	**SM8556035**		0.88
									SM8556045		1.13
									SM8556055		1.38
									SM8556060		1.50
									SM8556065		1.63
									SM8556070		1.75
		8		302, 327, 350 Engs. Contains 1/8" Oil Rings w/ napier 2nd ring	101.60	1.60	4.78	336 T PM DI	**2M8571**	8 Cyl.	STD
						1.60	4.42	406 N PC DI	**2M8571005**		0.13
						3.00	4.75	622 FV CR	**2M8571030**		0.75
								732 FV CR	**2M8571035**		0.88
									2M8571045		1.13
									2M8571065		1.63
		8	1967-69	400, GS400 Buick	102.62	2.00	4.78	336 T PM DI	**2M5561**	8 Cyl.	STD
						2.00	4.83	126 RVT PC GI			
						4.75	5.00	622 FV CR			
								732 FV CR			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
GENERAL MOTORS											
400cu. in.		8	1967-69	GS400, 4 Engs. Buick	102.62	2.00	4.29	032 BF PC GI	**694**	8 Cyl.	STD
						2.00	4.83	126 RVT PC GI	**694020**		0.50
						4.75	5.08	860 FV CR	**694030**		0.75
								732 FV CR	**694040**		1.00
									694060		1.50
									694070		1.75
								362 BF 3CR GI	**2C694**		STD
								126 RVT PC GI	**2C694020**		0.50
								860 FV CR	**2C694030**		0.75
								732 FV CR	**2C694040**		1.00
								397 BF PM S	**2M694**		STD
								126 RVT PC GI	**2M694020**		0.50
								860 FV CR	**2M694030**		0.75
								732 FV CR	**2M694040**		1.00
									2M694060		1.50
395cu. in.		8	1992-06	Diesel Incl. Turbo Vin: F,S,Y Special .029 to .039 gap 2nd ring	103.00	3.00	4.47	378 BF CC DI	**2D4744**	8 Cyl.	STD
						2.00	4.24	130 RVT PC GI	**2D4744020**		0.50
						4.00	5.31	553 CF CR GI	**2D4744030**		0.75
									2D4744040		1.00
									2D4744060		1.50
403 cu. in.		8	2001-13	V8 OHV VIN:1,2,3,8,D,L 32V Duramax Diesel	103.00	3.00	3.96	259 BF GN SS	**2D4845**	8 Cyl.	STD
						2.00	4.50	257 TF CR DI	**2D484550**		0.50
						3.00	3.48	203 CF GN SS	**2D4845100**		1.00
								881 2PCO			
350cu. in.		8	1978-85	Diesel Chev., Olds., Pont.	103.06	2.00	4.80	363 BF CR GI	**2D5610**	8 Cyl.	STD
350cu. in.			1978-81	Diesel GMC		2.00	4.88	126 RVT PC GI	**2D561025**		0.25
						4.75	4.60	553 CF CR GI	**2D561050**		0.50
								881 2PCO	**2D561075**		0.75
									2D5610100		1.00
263cu. in.		6	1982-85	Diesel Buick, Cadillac, Chevrolet, Pontiac	103.07	2.00	4.80	335 T PM DI	**2D5651**	6 Cyl.	STD
						2.00	4.88	126 RVT PC GI	**2D565150**		0.50
						4.75	4.60	553 CF CR GI	**2D565175**		0.75
								881 2PCO	**2D5651100**		1.00
350cu. in.		8	1968-80	Buick, Cad., Pont. Oldsmobile	103.07	2.00	4.85	032 BF PC GI	**697**	8 Cyl.	STD
350cu. in.				Vin: R Oldsmobile		2.00	4.88	126 RVT PC GI	**697030**		0.75
						4.75	5.00	860 FV CR	**697040**		1.00
								732 FV CR	**697060**		1.50
								363 BF CR GI	**2C697**		STD
								126 RVT PC GI	**2C697020**		0.50
								860 FV CR	**2C697030**		0.75
								732 FV CR	**2C697040**		1.00
								327 BF PM GI	**2M697**		STD
								126 RVT PC GI	**2M697030**		0.75
								860 FV CR			
								732 FV CR			
		8	1959-66	370, 389 Pontiac	103.19	2.00	4.80	336 T PM DI	**2M5511**	8 Cyl.	STD
						2.00	4.88	126 RVT PC GI	**2M5511035**		0.88
						4.75	5.00	622 FV CR			
								732 FV CR			
389cu. in.		8	1958-66	370, 3 Engs. Pontiac	103.19	2.00	4.85	032 BF PC GI	**639**	8 Cyl.	STD
						2.00	4.88	126 RVT PC GI	**639030**		0.75
						4.75	1.27	860 FV CR	**639040**		1.00
								732 FV CR	**639060**		1.50
								362 BF 3CR GI	**2C639**		STD
								126 RVT PC GI	**2C639040**		1.00
								860 FV CR	**2C639060**		1.50
								732 FV CR			
								327 BF PM GI	**2M639**		STD
								126 RVT PC GI	**2M639030**		0.75
								860 FV CR	**2M639040**		1.00
								732 FV CR			
195cu. in.		4	1961-63	Pontiac Tempest, Lemans	103.19	2.00	4.85	032 BF PC GI	**640**	4 Cyl.	STD
						2.00	4.88	126 RVT PC GI	**640030**		0.75
						4.75	1.27	860 FV CR	**640040**		1.00
								732 FV CR	**640060**		1.50

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
GENERAL MOTORS											
376cu. in.		8	2009-14	Vin: T LS9, ZK1 Supercharged Gen IV Cadillac CTS-V, Corvette	103.25	1.50	3.86	397 BF PM S	**2M5275**	8 Cyl.	STD
376cu. in.			2009-11	Vin: T LS9, ZK1 Supercharged Denali, Escalade, Yukon		1.20	4.32	406 N PC DI			
						2.00	2.92	991 FV CR			
								005 FV CR			
378cu. in.		8	2008-13	Vin:F,J,P,R,T,W,2 OHV V8 LS3, LSA, L94, L9H, L99 Corvette,Camaro,Cadillac CTS	103.25	1.50	3.96	336 T PM DI	**2M5292**	8 Cyl.	STD
378cu. in.			2007-13	Vin: 8,2,R,W OHV V8 LS3, L9H(FlexFuel) L92, L99 Escalada, Sierra, Yukon		1.50	4.32	406 N PC DI	**2M5292010**		0.25
						2.50	2.97	985 FV CR	**2M5292020**		0.50
								732 FV CR	**2M5292030**		0.75
									2M5292040		1.00
425cu. in.		8	1977-79	Cadillac	103.69	2.00	4.88	032 BF PC GI	**5568**	8 Cyl.	STD
						2.00	4.90	126 RVT PC GI	**5568020**		0.50
						4.75	1.27	860 FV CR	**5568030**		0.75
								732 FV CR	**5568040**		1.00
									5568060		1.50
								362 BF 3CR GI	**2C5568**		STD
								126 RVT PC GI	**2C5568020**		0.50
								860 FV CR	**2C5568030**		0.75
								732 FV CR	**2C5568040**		1.00
									2C5568060		1.50
								345 T PM GI	**2M5568**		STD
								126 RVT PC GI	**2M5568020**		0.50
								860 FV CR	**2M5568030**		0.75
								732 FV CR	**2M5568040**		1.00
									2M5568060		1.50
		8	1965-69	396 Chevrolet	103.98	2.00	4.88	336 T PM DI	**2M5512**	8 Cyl.	STD
			1963-66	421 Pontiac		2.00	4.90	126 RVT PC GI	**2M5512030**		0.75
						4.75	5.08	622 FV CR	**2M5512060**		1.50
								732 FV CR			
396cu. in.		8	1965-69	Chevrolet	103.98	2.00	4.88	032 BF PC GI	**641**	8 Cyl.	STD
421cu. in.			1963-66	Pontiac		2.00	4.90	126 RVT PC GI	**641030**		0.75
396cu. in.			1966-69	Chevrolet		4.75	1.27	860 FV CR	**641040**		1.00
396cu. in.				GMC				732 FV CR	**641060**		1.50
								327 BF PM GI	**2M641**		STD
								126 RVT PC GI	**2M641030**		0.75
								860 FV CR	**2M641040**		1.00
								732 FV CR	**2M641060**		1.50
		8		400, 428 Engs. GM/KB Piston	104.65	1.60	4.88	336 T PM DI	**2M5590**	8 Cyl.	STD
						1.60	4.95	126 RVT PC GI	**2M5590035**		0.88
						4.75	4.88	860 FV CR	**2M5590045**		1.13
								732 FV CR	**2M5590065**		1.63
400cu. in.		8	1967-79	Pontiac, Oldsmobile	104.65	2.00	4.93	032 BF PC GI	**644**	8 Cyl.	STD
428cu. in.			1967-77	Pontiac		2.00	4.95	126 RVT PC GI	**644010**		0.25
						4.75	4.88	860 FV CR	**644020**		0.50
								732 FV CR	**644030**		0.75
									644040		1.00
									644060		1.50
								363 BF CR GI	**2C644**		STD
								126 RVT PC GI	**2C644010**		0.25
								860 FV CR	**2C644020**		0.50
								732 FV CR	**2C644030**		0.75
									2C644040		1.00
									2C644060		1.50
								345 T PM GI	**2M644**		STD
								126 RVT PC GI	**2M644020**		0.50
								860 FV CR	**2M644030**		0.75
								732 FV CR	**2M644040**		1.00
									2M644060		1.50

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
GENERAL MOTORS											
427cu. in.		8	2006-13	Vin:E OHV Vortec LS7, Z06 Corvette	104.80	1.20	3.61	397 BF PM S	**2M5129**	8 Cyl.	STD
						1.20	4.32	406 N PC DI	**2M5129010**		0.25
						2.00	2.79	991 FV CR	**2M5129020**		0.50
								005 FV CR	**2M5129030**		0.75
				400 , small block	104.78	1.60	4.93	339 T PM GI	**CM5501**	8 Cyl.	STD
						1.60	4.95	126 RVT PC GI	**CM5501030**		0.75
						3.00	4.39	860 FV CR			
								732 FV CR			
		8	1970-77		104.78	1.60	4.88	336 T PM DI	**2M5501**	8 Cyl.	STD
						1.60	4.95	126 RVT PC GI	**2M5501005**		0.13
						3.00	4.39	860 FV CR	**2M5501030**		0.75
								732 FV CR	**2M5501035**		0.88
		8		400, 402 Engs. TRW Piston Chevrolet Low Tension Oil Ring	104.78	1.60	4.88	336 T PM DI	**2M5510**	8 Cyl.	STD
						1.60	4.95	126 RVT PC GI	**2M5510005**		0.13
						4.75	3.81	621 FV CR	**2M5510030**		0.75
								732 FV CR	**2M5510035**		0.88
									2M5510040		1.00
									2M5510045		1.13
									2M5510060		1.50
		8	1958-61	348 Chevrolet	104.78	2.00	4.88	336 T PM DI	**2M5513**	8 Cyl.	STD
			1970-75	396, 400, 402 Engs. Chevrolet		2.00	4.95	126 RVT PC GI	**2M5513005**		0.13
			1965-67	425 Oldsmobile		4.75	5.21	860 FV CR	**2M5513025**		0.63
			1968-75	455 Oldsmobile				732 FV CR	**2M5513030**		0.75
									2M5513035		0.88
									2M5513040		1.00
									2M5513045		1.13
									2M5513060		1.50
									2M5513065		1.63
		8	1970-75	400, 402 Engs. TRW Piston Chevrolet	104.78	1.60	4.88	336 T PM DI	**2M5529**	8 Cyl.	STD
						1.60	4.95	126 RVT PC GI	**2M5529005**		0.13
						4.75	4.75	860 FV CR	**2M5529010**		0.25
								732 FV CR	**2M5529020**		0.50
									2M5529025		0.63
									2M5529030		0.75
									2M5529035		0.88
									2M5529040		1.00
									2M5529045		0.13
									2M5529060		1.50
									2M5529065		1.63
		8			104.78	2.00	4.93	102 T PC GI	**C5533**	8 Cyl.	STD
						2.00	4.95	126 RVT PC GI			
						4.75	5.21	860 FV CR			
								732 FV CR			
								339 T PM GI	**CM5533**		STD
								126 RVT PC GI	**CM5533030**		0.75
								860 FV CR			
								732 FV CR			
		8			104.78	1.60	4.93	102 T PC GI	**C5534**	8 Cyl.	STD
						1.60	4.95	126 RVT PC GI	**C5534030**		0.75
						4.75	5.21	860 FV CR			
								732 FV CR			
								339 T PM GI	**CM5534**		STD
								126 RVT PC GI	**CM5534030**		0.75
								860 FV CR	**CM5534040**		1.00
								732 FV CR			
		8		400, 402 Engs. Chevrolet Contains 3.0MM Oil Ring	104.78	1.60	4.88	336 T PM DI	**2M5539**	8 Cyl.	STD
						1.60	4.95	126 RVT PC GI	**2M5539005**		0.13
						3.00	3.81	621 FV CR	**2M5539010**		0.25
								005 FV CR	**2M5539030**		0.75
									2M5539035		0.88
									2M5539040		1.00

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
GENERAL MOTORS											
		8		400, 402 Engs. Chevrolet w/1.5mm Comp & 3.0mm Oil	104.78	1.50	4.09	336 T PM DI	**2M5581**	8 Cyl.	STD
						1.50	4.37	126 RVT PC GI	**2M5581005**		0.13
						3.00	3.81	621 FV CR	**2M5581030**		0.75
								005 FV CR	**2M5581040**		1.00
									2M5581045		1.13
									2M5581065		1.63
		8		400, 402 Engs. contains Steel Moly top rings	104.78	1.09	4.09	395 T PM S	**SM5593**	8 Cyl.	STD
						1.09	4.37	610 RVT PC GI	**SM5593005**		0.13
						3.00	3.81	621 FV CR	**SM5593060**		1.50
								005 FV CR			
394cu. in.		8	1959-64	Oldsmobile	104.78	2.00	4.93	032 BF PC GI	**651**	8 Cyl.	STD
						2.25	4.95	126 RVT PC GI	**651020**		0.50
						4.75	5.00	860 FV CR	**651030**		0.75
								732 FV CR	**651040**		1.00
									651060		1.50
348cu. in.		8	1958-63	Chevrolet	104.78	2.00	4.93	032 BF PC GI	**661**	8 Cyl.	STD
364cu. in.			1957-61	All Buick		2.00	4.95	126 RVT PC GI	**661010**		0.25
402cu. in.			1970-73	396, 4 Engs. Chevrolet		4.75	5.00	860 FV CR	**661020**		0.50
400cu. in.			1970-77	Chevrolet				732 FV CR	**661030**		0.75
425cu. in.			1965-76	Oldsmobile					**661040**		1.00
455cu. in.			1968-76	Oldsmobile					**661060**		1.50
402cu. in.			1958-65	400, 4 Engs. Chevrolet				362 BF 3CR GI	**2C661**		STD
455cu. in.			1974-80	Oldsmobile				126 RVT PC GI	**2C661040**		1.00
348 cu. in.				GMC - Canada				860 FV CR			
400cu. in.								732 FV CR			
402cu. in.								327 BF PM GI	**2M661**		STD
455cu. in.				GMC				126 RVT PC GI	**2M661010**		0.25
								860 FV CR	**2M661020**		0.50
								732 FV CR	**2M661030**		0.75
									2M661040		1.00
									2M661060		1.50
360cu. in.		6	1969-76	GMC	104.78	2.25	4.93	362 BF 3CR GI	**2C7124**	6 Cyl.	STD
						2.25	4.52	126 RVT PC GI			
						2.25	4.52	126 RVT PC GI			
						6.00	5.00	860 FV CR			
								732 FV CR			
		8		400, 402 Engs. Chevrolet Napier 2nd ring w/1.5mm Comp & 3.00mm Oil	104.78	1.50	4.09	336 T PM DI	**2M8505**	8 Cyl.	STD
						1.50	4.37	406 N PC DI	**2M8505005**		0.13
						3.00	3.81	621 FV CR	**2M8505035**		0.88
								005 FV CR	**2M8505045**		1.13
									2M8505065		1.63
		8		400, 402 Engs. contains Steel Moly top rings	104.78	1.09	4.09	395 T PM S	**SM8547**	8 Cyl.	STD
						1.60	4.95	126 RVT PC GI	**SM8547005**		0.13
						4.75	4.75	860 FV CR	**SM8547020**		0.50
								732 FV CR	**SM8547025**		0.63
									SM8547030		0.75
									SM8547035		0.88
									SM8547040		1.00
									SM8547045		1.13
									SM8547060		1.50
		8		400, 402 Engs. w/napier 2nd ring	104.78	1.09	4.09	395 T PM S	**SM8550**	8 Cyl.	STD
						1.09	4.32	406 N PC DI	**SM8550005**		0.13
						3.00	3.81	621 FV CR	**SM8550010**		0.25
								005 FV CR	**SM8550015**		0.38
									SM8550025		0.63
									SM8550035		0.88
									SM8550045		1.13

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
GENERAL MOTORS											
		8		400, 402 Engs. Chevrolet Napier 2nd ring	104.78	1.60	4.88	336 T PM DI	**2M8552**	8 Cyl.	STD
						1.60	4.52	406 N PC DI	**2M8552005**		0.13
						4.75	4.75	860 FV CR	**2M8552010**		0.25
								732 FV CR	**2M8552020**		0.50
									2M8552025		0.63
									2M8552030		0.75
									2M8552035		0.88
									2M8552040		1.00
									2M8552045		1.13
									2M8552060		1.50
									2M8552065		1.63
		8		400, 402 Engs. Chevrolet contains Steel Moly top rings Low Tension Oil Ring	104.78	1.09	4.09	395 T PM S	**SM8557**	8 Cyl.	STD
						1.60	4.95	126 RVT PC GI	**SM8557005**		0.13
						4.75	3.81	621 FV CR	**SM8557030**		0.75
								732 FV CR	**SM8557035**		0.88
									SM8557040		1.00
									SM8557045		1.13
									SM8557060		1.50
		8		400, 402 Engs. Chevrolet Napier 2nd ring Low Tension Oil Ring	104.78	1.60	4.88	336 T PM DI	**2M8559**	8 Cyl.	STD
						1.60	4.52	406 N PC DI	**2M8559005**		0.13
						4.75	3.81	621 FV CR	**2M8559030**		0.75
								732 FV CR	**2M8559035**		0.88
									2M8559040		1.00
									2M8559045		1.13
									2M8559060		1.50
									2M8559065		1.63
		8			104.78	1.60	4.09	317 BF PVD GN SS	**SN8580**	8 Cyl.	STD
						1.60	4.52	406 N PC DI	**SN8580005**		0.13
						4.75	3.94	860 FV CR			
								732 FV CR			
429cu. in.		8	1966-67	All Models Cadillac	104.90	1.60	4.93	032 BF PC GI	**657**	8 Cyl.	STD
						1.60	4.95	126 RVT PC GI	**657030**		0.75
						4.75	4.39	860 FV CR			
								732 FV CR			
		8		455 Performance Pontiac	105.44	1.60	4.95	336 T PM DI	**2M5543**	8 Cyl.	STD
						1.60	4.98	126 RVT PC GI	**2M5543065**		1.63
						4.75	4.62	860 FV CR			
								732 FV CR			
455cu. in.		8	1970-76	Pontiac	105.44	2.00	4.95	032 BF PC GI	**643**	8 Cyl.	STD
						1.60	4.98	126 RVT PC GI	**643030**		0.75
						4.75	4.75	860 FV CR	**643040**		1.00
								732 FV CR			
								345 T PM GI	**2M643**		STD
								126 RVT PC GI	**2M643030**		0.75
								860 FV CR	**2M643040**		1.00
								732 FV CR	**2M643060**		1.50
400cu. in.		8	1959-66	Buick	106.36	2.00	4.98	032 BF PC GI	**437**	8 Cyl.	STD
401cu. in.			1959-66	Buick		2.00	5.00	126 RVT PC GI	**437030**		0.75
430cu. in.			1967-69	Buick		4.75	5.00	860 FV CR	**437040**		1.00
								732 FV CR			
								327 BF PM GI	**2M437**		STD
								126 RVT PC GI	**2M437030**		0.75
								860 FV CR	**2M437040**		1.00
								732 FV CR			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
GENERAL MOTORS											
454cu. in.		8		Shallow Oil Ring Groove	107.95	2.00	5.05	032 BF PC GI	**4718**	8 Cyl.	STD
454cu. in.			1991-00	GMC, Vin: J,N,B Shallow Oil Ring Groove		2.00	5.08	126 RVT PC GI	**4718010**		0.25
						4.75	3.43	872 FV CR	**4718020**		0.50
								732 FV CR	**4718030**		0.75
									4718040		1.00
									4718060		1.50
								363 BF CR GI	**2C4718**		STD
								126 RVT PC GI	**2C4718010**		0.25
								872 FV CR	**2C4718020**		0.50
								732 FV CR	**2C4718030**		0.75
									2C4718040		1.00
									2C4718060		1.50
								327 BF PM GI	**2M4718**		STD
								126 RVT PC GI	**2M4718010**		0.25
								872 FV CR	**2M4718020**		0.50
								732 FV CR	**2M4718030**		0.75
									2M4718040		1.00
									2M4718060		1.50
427cu. in.		8	1995-98	Chev., GMC Shallow Oil Ring Groove	107.95	2.00	5.05	032 BF PC GI	**4929**	8 Cyl.	STD
						2.00	5.08	126 RVT PC GI	**4929010**		0.25
						2.00	5.08	126 RVT PC GI	**4929020**		0.50
						4.75	3.43	872 FV CR	**4929030**		0.75
								732 FV CR	**4929040**		1.00
									4929060		1.50
								363 BF CR GI	**2C4929**		STD
								126 RVT PC GI	**2C4929010**		0.25
								126 RVT PC GI	**2C4929020**		0.50
								872 FV CR	**2C4929030**		0.75
								732 FV CR	**2C4929040**		1.00
									2C4929060		1.50
								327 BF PM GI	**2M4929**		STD
								126 RVT PC GI	**2M4929010**		0.25
								126 RVT PC GI	**2M4929020**		0.50
								872 FV CR	**2M4929030**		0.75
								732 FV CR	**2M4929040**		1.00
									2M4929060		1.50
		8	2001-07	496 cu. in GMC V-8 Vin: G,K,L,M	107.95	2.00	5.05	032 BF PC GI	**5085**	8 Cyl.	STD
						2.00	5.08	126 RVT PC GI	**5085010**		0.25
						4.00	3.81	872 FV CR	**5085020**		0.50
								732 FV CR	**5085030**		0.75
									5085040		1.00
									5085060		1.50
								363 BF CR GI	**2C5085**		STD
								126 RVT PC GI	**2C5085020**		0.50
								872 FV CR	**2C5085030**		0.75
								732 FV CR	**2C5085040**		1.00
									2C5085060		1.50
								336 T PM DI	**2M5085**		STD
								126 RVT PC GI	**2M5085010**		0.25
								872 FV CR	**2M5085020**		0.50
								732 FV CR	**2M5085030**		0.75
									2M5085040		1.00
									2M5085060		1.50
		8	1959-66	400, 401 Engs. Buick Low Tension Oil Ring	107.95	2.00	5.05	336 T PM DI	**2M5514**	8 Cyl.	STD
			1966-70	427 Chevrolet Low Tension Oil Ring		2.00	5.08	126 RVT PC GI	**2M5514030**		0.75
			1967-69	430 Buick Low Tension Oil Ring		4.75	3.81	621 FV CR	**2M5514060**		1.50
								732 FV CR			
		8		427, 454 Engs. Performance Chevrolet Low Tension Oil Ring	107.95	1.60	5.05	336 T PM DI	**2M5515**	8 Cyl.	STD
						1.60	5.08	126 RVT PC GI	**2M5515030**		0.75
						4.75	3.81	621 FV CR	**2M5515035**		0.88
								732 FV CR	**2M5515060**		1.50
									2M5515065		1.63
									2M5515125		3.13

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
GENERAL MOTORS											
		8	1959-66	400, 401 Engs. Buick	107.95	2.00	5.05	336 T PM DI	**2M5518**	8 Cyl.	STD
			1966-70	427 Chevrolet		2.00	5.08	126 RVT PC GI	**2M5518005**		0.13
			1967-69	430 Buick		4.75	5.00	622 FV CR	**2M5518030**		0.75
								732 FV CR	**2M5518035**		0.88
									2M5518040		1.00
									2M5518060		1.50
									2M5518065		1.63
		8	1966-75	427, 454 Engs. Performance Chevrolet	107.95	1.60	5.05	336 T PM DI	**2M5519**	8 Cyl.	STD
						1.60	5.08	126 RVT PC GI	**2M5519005**		0.13
						4.75	5.00	622 FV CR	**2M5519030**		0.75
								732 FV CR	**2M5519035**		0.88
									2M5519040		1.00
									2M5519125		1.13
									2M5519060		1.50
									2M5519065		1.63
		8			107.95	1.60	5.05	102 T PC GI	**C5541**	8 Cyl.	STD
						1.60	5.08	126 RVT PC GI			
						4.75	5.00	622 FV CR			
								732 FV CR			
								339 T PM GI	**CM5541**		STD
								126 RVT PC GI	**CM5541060**		1.50
								622 FV CR			
								732 FV CR			
		8		427, 454 Engs. Performance Chevrolet contains Steel Moly top rings	107.95	1.09	4.09	395 T PM S	**SM5597**	8 Cyl.	STD
						1.09	4.11	406 N PC DI	**SM5597035**		0.88
						3.00	3.86	872 FV CR			
								005 FV CR			
304.7 cu. in.		6	1960-75	305A, B, C Engs.; 30 GMC - 4 Ring Piston	107.95	2.38	5.05	032 BF PC GI	**6308**	6 Cyl.	STD
						2.38	5.08	126 RVT PC GI			
						2.38	5.08	126 RVT PC GI			
						4.75	1.27	860 FV CR			
								732 FV CR			
								363 BF CR GI	**2C6308**		STD
								126 RVT PC GI			
								126 RVT PC GI			
								860 FV CR			
								732 FV CR			
305Ecu. in.		6	1960-72	305, 30 Engs. GMC 3 Ring Pistion	107.95	2.25	5.05	363 BF CR GI	**2C6395**	6 Cyl.	STD
						2.25	5.08	126 RVT PC GI			
						4.75	1.27	860 FV CR			
								732 FV CR			
427cu. in.		8		Chevrolet	107.95	2.38	5.05	032 BF PC GI	**6606**	8 Cyl.	STD
427cu. in.			1968-94	Chev., GMC		2.00	5.08	126 RVT PC GI	**6606060**		1.50
454cu. in.			1970-90	GMC		2.00	5.08	126 RVT PC GI			
454cu. in.			1970-81	Chev. 4 Ring Piston		4.75	4.88	860 FV CR			
								732 FV CR			
								362 BF 3CR GI	**2C6606**		STD
								126 RVT PC GI	**2C6606020**		0.50
								126 RVT PC GI	**2C6606030**		0.75
								860 FV CR	**2C6606040**		1.00
								732 FV CR	**2C6606060**		1.50
								345 T PM GI	**2M6606**		STD
								126 RVT PC GI	**2M6606020**		0.50
								126 RVT PC GI	**2M6606030**		0.75
								860 FV CR	**2M6606040**		1.00
								732 FV CR	**2M6606060**		1.50

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
GENERAL MOTORS											
427cu. in.		8	1966-69	Chevrolet	107.95	2.00	5.05	032 BF PC GI	**683**	8 Cyl.	STD
454cu. in.			1970-76	Chevrolet		2.00	5.08	126 RVT PC GI	**683010**		0.25
427cu. in.			1971-90	Chevrolet		4.75	4.88	860 FV CR	**683020**		0.50
454cu. in.				Chevrolet 365 PHP				732 FV CR	**683030**		0.75
454cu. in.				GMC Deep Oil Ring Groove					**683040**		1.00
									683060		1.50
									683080		2.00
									683100		2.50
								363 BF CR GI	**2C683**		STD
								126 RVT PC GI	**2C683010**		0.25
								860 FV CR	**2C683020**		0.50
								732 FV CR	**2C683030**		0.75
									2C683040		1.00
									2C683060		1.50
								327 BF PM GI	**2M683**		STD
								126 RVT PC GI	**2M683010**		0.25
								860 FV CR	**2M683120**		0.50
								732 FV CR	**2M683030**		0.75
									2M683040		1.00
									2M683060		1.50
									2M683070		1.75
									2M683080		2.00
									2M683100		2.50
		8		427, 454 Engs. Performance Chevrolet w/Napier 2nd ring	107.95	1.50	4.09	336 T PM DI	**2M8510**	8 Cyl.	STD
						1.50	4.37	406 N PC DI	**2M8510005**		0.13
						3.00	3.86	872 FV CR	**2M8510035**		0.88
								005 FV CR			
		8		427, 454 Engs. Performance Chevrolet w/Napier ductile iron 2nd ring	107.95	1.60	5.05	336 T PM DI	**2M8562**	8 Cyl.	STD
						1.60	4.62	406 N PC DI	**2M8562005**		0.13
						4.75	5.00	622 FV CR	**2M8562030**		0.75
								732 FV CR	**2M8562035**		0.88
									2M8562040		1.00
									2M8562060		1.50
									2M8562065		1.63
									2M8562125		3.13
		8		427, 454 Engs. Performance Chevrolet contains Steel Moly top rings	107.95	1.09	4.09	395 T PM S	**SM8567**	8 Cyl.	STD
						1.60	5.08	126 RVT PC GI	**SM8567035**		0.88
						4.75	5.00	622 FV CR	**SM8567065**		1.63
								732 FV CR			
		8		427, 454 Engs. Performance Chevrolet w/1.5mm Comp & 3.0mm Oil	107.95	1.50	4.09	336 T PM DI	**2M8569**	8 Cyl.	STD
						1.50	4.37	126 RVT PC GI	**2M8569030**		0.75
						3.00	3.86	872 FV CR			
								005 FV CR			
		8			107.95	1.60	4.75	317 BF PVD GN SS	**SN8585**	8 Cyl.	STD
						1.60	4.62	406 N PC DI	**SN8585065**		1.63
						4.75	3.81	860 FV CR			
								732 FV CR			
472cu. in.		8	1968-74	Cadillac	109.22	2.00	5.13	032 BF PC GI	**695**	8 Cyl.	STD
500cu. in.			1970-76	Cadillac		2.00	5.16	126 RVT PC GI	**695020**		0.50
						4.75	1.27	860 FV CR	**695030**		0.75
								732 FV CR	**695040**		1.00
								327 BF PM GI	**2M695**		STD
								126 RVT PC GI	**2M695020**		0.50
								860 FV CR	**2M695030**		0.75
								732 FV CR			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
GENERAL MOTORS											
409cu. in.		8	1962-65	Chevrolet	109.54	2.00	5.13	032 BF PC GI	**645**	8 Cyl.	STD
425cu. in.			1963-66	All Buick		2.00	5.16	126 RVT PC GI	**645030**		0.75
455cu. in.			1970-76	Buick		4.75	1.27	860 FV CR	**645040**		1.00
409cu. in.			1962-65	Chevrolet				732 FV CR	**645060**		1.50
409cu. in.				GMC				362 BF 3CR GI	**2C645**		STD
								126 RVT PC GI	**2C645030**		0.75
								860 FV CR			
								732 FV CR			
								327 BF PM GI	**2M645**		STD
								126 RVT PC GI	**2M645030**		0.75
								860 FV CR	**2M645040**		1.00
								732 FV CR	**2M645060**		1.50
403cu. in.		8	1977-79	Buick, Olds., Pontiac	110.52	2.00	5.16	032 BF PC GI	**4454**	8 Cyl.	STD
403cu. in.				Oldsmobile		2.00	5.18	126 RVT PC GI	**4454010**		0.25
						4.75	1.27	860 FV CR	**4454030**		0.75
								732 FV CR	**4454040**		1.00
								362 BF 3CR GI	**2C4454**		STD
								126 RVT PC GI	**2C4454010**		0.25
								860 FV CR	**2C4454020**		0.50
								732 FV CR	**2C4454030**		0.75
									2C4454040		1.00
									2C4454060		1.50
								345 T PM GI	**2M4454**		STD
								126 RVT PC GI	**2M4454020**		0.50
								860 FV CR	**2M4454030**		0.75
								732 FV CR	**2M4454040**		1.00
									2M4454060		1.50
		8		502 Performance	113.44	1.60	5.23	336 T PM DI	**2M5537**	8 Cyl.	STD
						1.60	5.26	126 RVT PC GI	**2M5537004**		0.10
						4.75	5.21	860 FV CR			
								732 FV CR			
502 cu. in.		8	1988-95	H.O.	113.47	2.00	5.23	336 T PM DI	**2M4727**	8 Cyl.	STD
						1.50	4.72	126 RVT PC GI	**2M4727005**		0.13
						4.00	3.30	872 FV CR	**2M4727030**		0.75
								732 FV CR	**2M4727060**		1.50
525 cu. in.		6		GMC	114.30	3.18	4.83	363 BF CR GI	**2C4056**	6 Cyl.	STD
						3.18	4.85	126 RVT PC GI			
						3.18	4.85	126 RVT PC GI			
						4.75	5.08	860 FV CR			
								732 FV CR			
		8		502 Performance	114.30	1.60	5.36	336 T PM DI	**2M5589**	8 Cyl.	STD
						1.60	5.38	126 RVT PC GI	**2M5589005**		0.13
						4.75	5.08	860 FV CR	**2M5589030**		0.75
								732 FV CR	**2M5589035**		0.88
									2M5589060		1.50
									2M5589065		1.63
									2M5589100		2.50
									2M5589105		2.63
		8		502 Performance Low Tension Oil Ring	114.30	1.60	5.36	336 T PM DI	**2M5596**	8 Cyl.	STD
						1.60	5.38	126 RVT PC GI	**2M5596005**		0.13
						4.75	3.94	009 FV CR	**2M5596030**		0.75
								732 FV CR	**2M5596035**		0.88
									2M5596060		1.50
									2M5596065		1.63
									2M5596100		2.50
									2M5596105		2.63
		8		540 Performance	114.30	1.50	4.09	336 T PM DI	**2M8525**	8 Cyl.	STD
						1.50	4.37	126 RVT PC GI			
						3.00	3.86	872 FV CR			
								005 FV CR			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
GENERAL MOTORS											
		8		502 Performance w/Napier 2nd ring	114.30	1.50	4.09	336 T PM DI	**2M8535**	8 Cyl.	STD
						1.50	4.37	406 N PC DI	**2M8535005**		0.13
						3.00	3.86	872 FV CR	**2M8535035**		0.88
								005 FV CR			
		8		502 Performance contains Steel Moly top rings	114.30	1.09	4.09	395 T PM S	**SM8582**	8 Cyl.	STD
						1.09	4.32	406 N PC DI	**SM8582005**		0.13
						3.00	3.86	872 FV CR	**SM8582035**		0.88
								005 FV CR	**SM8582105**		2.63
									SM8582130		3.25
		8		502 Performance Napier ductile iron 2nd ring	114.30	1.60	5.36	336 T PM DI	**2M8588**	8 Cyl.	STD
						1.60	4.93	406 N PC DI	**2M8588005**		0.13
						4.75	5.08	860 FV CR	**2M8588035**		0.88
								732 FV CR	**2M8588045**		1.13
									2M8588065		1.63
		8			114.30	1.60	4.09	317 BF PVD GN SS	**SN8590**	8 Cyl.	STD
						1.60	4.93	406 N PC DI	**SN8590005**		0.13
						4.75	4.01	860 FV CR			
								732 FV CR			
		8		502 Performance contains Steel Moly top rings 1/16" Napier ductile iron 2nd ring	114.30	1.09	4.09	395 T PM S	**SM8592**	8 Cyl.	STD
						1.60	4.93	406 N PC DI	**SM8592005**		0.13
						3.00	3.86	872 FV CR	**SM8592035**		0.88
								005 FV CR			
		8		502 Performance Napier ductile iron 2nd ring Low Tension Oil Ring	114.30	1.60	5.36	336 T PM DI	**2M8594**	8 Cyl.	STD
						1.60	4.93	406 N PC DI	**2M8594005**		0.13
						4.75	3.94	009 FV CR	**2M8594035**		0.88
								732 FV CR	**2M8594065**		1.63
GRAY											
226 cu. in.		6			84.14	2.38	3.99	032 BF PC GI	**4233**	6 Cyl.	STD
						2.38	4.01	126 RVT PC GI	**4233040**		1.00
						4.00	4.39	860 FV CR			
						4.00	4.01	732 FV CR			
								501 1PCO PC GI			
								901 GL			
226 cu. in.		6			84.14	2.00	3.99	032 BF PC GI	**6912**	6 Cyl.	STD
						2.25	4.01	126 RVT PC GI			
						2.25	4.01	126 RVT PC GI			
						6.00	4.39	860 FV CR			
								732 FV CR			
		6		Express Six 244, Lugger Six 244, 115, 120, 136	87.31	2.38	3.61	032 BF PC GI	**5668**	6 Cyl.	STD
						2.38	4.14	126 RVT PC GI	**5668020**		0.50
						2.38	4.14	126 RVT PC GI	**5668040**		1.00
						6.00	4.50	860 FV CR	**5668060**		1.50
								732 FV CR			
								362 BF 3CR GI	**2C5668**		STD
								126 RVT PC GI			
								126 RVT PC GI			
								860 FV CR			
								732 FV CR			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
GRAY											
304 cu. in.		8			95.25	2.00	4.47	032 BF PC GI	**568**	8 Cyl.	STD
						2.00	4.50	126 RVT PC GI	**568010**		0.25
						4.75	1.27	860 FV CR	**568020**		0.50
								732 FV CR	**568030**		0.75
									568040		1.00
									568060		1.50
									568060		2.00
									568100		2.50
								363 BF CR GI	**2C568**		STD
								126 RVT PC GI	**2C568010**		0.25
								860 FV CR	**2C568020**		0.50
								732 FV CR	**2C568030**		0.75
									2C568040		1.00
									2C568060		1.50
								327 BF PM GI	**2M568**		STD
								126 RVT PC GI	**2M568010**		0.25
								860 FV CR	**2M568020**		0.50
								732 FV CR	**2M568030**		0.75
									2M568040		1.00
									2M568060		1.50
									2M568080		2.00
									2M568100		2.50
258 cu. in.		6		232, Engs.	95.25	2.00	4.47	032 BF PC GI	**656**	6 Cyl.	STD
						2.00	4.50	126 RVT PC GI	**656010**		0.25
						4.75	1.27	860 FV CR	**656020**		0.50
								732 FV CR	**656030**		0.75
									656040		1.00
									656060		1.50
								362 BF 3CR GI	**2C656**		STD
								126 RVT PC GI	**2C656010**		0.25
								860 FV CR	**2C656020**		0.50
								732 FV CR	**2C656030**		0.75
									2C656040		1.00
									2C656060		1.50
								327 BF PM GI	**2M656**		STD
								126 RVT PC GI	**2M656010**		0.25
								860 FV CR	**2M656020**		0.50
								732 FV CR	**2M656030**		0.75
									2M656040		1.00
									2M656060		1.50
360 cu. in.		8			103.63	2.00	4.88	032 BF PC GI	**693**	8 Cyl.	STD
						2.00	4.90	126 RVT PC GI	**693020**		0.50
						4.75	4.75	860 FV CR	**693030**		0.75
								732 FV CR	**693040**		1.00
									693060		1.50
								362 BF 3CR GI	**2C693**		STD
								126 RVT PC GI			
								860 FV CR			
								732 FV CR			
								327 BF PM GI	**2M693**		STD
								126 RVT PC GI	**2M693020**		0.50
								860 FV CR	**2M693030**		0.75
								732 FV CR	**2M693040**		1.00
									2M693060		1.50
455 cu. in.		8			109.54	2.00	5.13	032 BF PC GI	**645**	8 Cyl.	STD
						2.00	5.16	126 RVT PC GI	**645030**		0.75
						4.75	1.27	860 FV CR	**645040**		1.00
								732 FV CR	**645060**		1.50
								362 BF 3CR GI	**2C645**		STD
								126 RVT PC GI	**2C645030**		0.75
								860 FV CR			
								732 FV CR			
								327 BF PM GI	**2M645**		STD
								126 RVT PC GI	**2M645030**		0.75
								860 FV CR	**2M645040**		1.00
								732 FV CR	**2M645060**		1.50

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
HALL SCOTT											
		6		147	101.60	3.18	4.39	363 BF CR GI	**2C4007**	6 Cyl.	STD
						3.18	4.11	126 RVT PC GI			
						3.18	4.11	126 RVT PC GI			
						4.75	4.88	860 FV CR			
								732 FV CR			
		6		135 5 Ring Piston	114.30	3.18	4.11	032 BF PC GI	**5081**	6 Cyl.	STD
						3.18	4.85	126 RVT PC GI			
						3.18	4.85	126 RVT PC GI			
						4.75	5.08	860 FV CR			
						4.75	4.85	732 FV CR			
								501 1PCO PC GI			
								363 BF CR GI	**2C5081**		STD
								126 RVT PC GI			
								126 RVT PC GI			
								860 FV CR			
								732 FV CR			
								501 1PCO PC GI			
HARLEY-DAVIDSON											
55 cu. in.			1950-65	45, Engs. Side Valve G, GE, K, KH	69.72	1.60	3.25	102 T PC GI	**4244**	2 Cyl.	STD
						1.60	3.28	102 T PC GI	**4244010**		0.25
						4.75	1.27	871 FV CR	**4244020**		0.50
								732 FV CR	**4244030**		0.75
			1937-55	45 Side Valve D Ser. G, GA, W Ser.	69.72	2.25	3.25	102 T PC GI	**5044**	2 Cyl.	STD
						2.25	3.28	102 T PC GI	**5044010**		0.25
						3.18	3.28	501 1PCO PC GI	**5044020**		0.50
									5044030		0.75
									5044040		1.00
									5044050		1.25
									5044070		1.75
			1986-On	XL883	76.20	1.50	3.61	334 BF PM DI	**2M6198**	1 Cyl.	STD
						1.50	3.63	126 RVT PC GI	**2M6198005**		0.13
						2.80	3.18	861 FV CR	**2M6198010**		0.25
								732 FV CR			
	900		1957-71	900cc XL, XLCH, XLH Sportster OHV	76.20	1.60	3.45	102 T PC GI	**6457**	2 Cyl.	STD
						1.60	3.48	102 T PC GI			
						4.75	1.27	860 FV CR			
								732 FV CR			
				Models using Wiseco Piston, 3 3/16" Bore 3 Ring Piston	80.96	1.60	3.58	327 BF PM GI	**2M4915**	1 Cyl.	STD
						1.60	3.61	126 RVT PC GI	**2M4915010**		0.25
						4.00	4.39	860 FV CR	**2M4915020**		0.50
								732 FV CR	**2M4915030**		0.75
									2M4915040		1.00
	1000		1983-85	XL, XR	80.96	1.60	3.58	032 BF PC GI	**6166**	2 Cyl.	STD
						1.60	3.61	126 RVT PC GI	**6166010**		0.25
						4.00	3.81	056 FV CR	**6166020**		0.50
								732 FV CR	**6166030**		0.75
									6166040		1.00
									6166060		1.50
									6166070		1.75
								327 BF PM GI	**2M6166**		STD
								126 RVT PC GI	**2M6166010**		0.25
								056 FV CR	**2M6166020**		0.50
								732 FV CR	**2M6166030**		0.75
									2M6166040		1.00
									2M6166060		1.50
									2M6166070		1.75
				Models using Axtell Cyl. 3 3/16" Bore 2 Ring Piston	80.96	1.60	3.58	102 T PC GI	**6948**	1 Cyl.	STD
						4.00	4.39	860 FV CR			
								732 FV CR			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
HARLEY-DAVIDSON											
				Models using Axtell Cyl. 3 3/16" Bore 3 Ring Piston	80.96	1.60	3.58	102 T PC GI	**6953**	1 Cyl.	STD
						1.60	3.61	102 T PC GI	**6953020**		0.50
						4.00	4.39	860 FV CR	**6953030**		0.75
								732 FV CR	**6953040**		1.00
	1000		1972-85	, XL, XLCH, XLH Sportster OHV	80.96	1.60	3.58	102 T PC GI	**7003**	2 Cyl.	STD
						1.60	3.61	102 T PC GI	**7003010**		0.25
						4.75	4.39	860 FV CR	**7003020**		0.50
								732 FV CR	**7003030**		0.75
									7003040		1.00
									7003050		1.25
									7003060		1.50
									7003070		1.75
								327 BF PM GI	**2M7003**		STD
								126 RVT PC GI	**2M7003010**		0.25
								860 FV CR	**2M7003020**		0.50
								732 FV CR	**2M7003030**		0.75
									2M7003040		1.00
									2M7003050		1.25
									2M7003060		1.50
									2M7003070		1.75
				Models using Axtell Cyl. 3 1/4" Bore 2 Ring Piston	82.55	1.60	3.25	102 T PC GI	**6949**	1 Cyl.	STD
						4.00	4.39	860 FV CR			
								732 FV CR			
				Models using Axtell Cyl. 3 1/4" Bore 3 Ring Piston	82.55	1.60	3.25	102 T PC GI	**6954**	1 Cyl.	STD
						1.60	3.28	102 T PC GI			
						4.00	3.94	056 FV CR			
								732 FV CR			
61 cu. in.			1948-52	Knuckle Head E, EL, OHV	84.14	2.25	3.99	032 BF PC GI	**6627**	1 Cyl.	STD
						2.25	4.01	126 RVT PC GI	**6627030**		0.75
						4.75	1.27	860 FV CR			
								732 FV CR			
				Models using Axtell Cyl. 3 5/16" Bore-2 Ring	84.14	1.60	3.43	102 T PC GI	**6950**	1 Cyl.	STD
						4.00	4.39	860 FV CR			
								732 FV CR			
				Models using Axtell Cyl. 3 5/16" Bore-3 Ring	84.14	1.60	3.43	102 T PC GI	**6955**	1 Cyl.	STD
						1.60	3.45	102 T PC GI	**6955040**		1.00
						4.00	4.39	860 FV CR			
								732 FV CR			
61 cu. in.			1948-52	Knuckle Head	84.14	1.60	3.43	102 T PC GI	**7024**	2 Cyl.	STD
						1.60	3.45	102 T PC GI			
						4.75	1.27	860 FV CR			
								732 FV CR			
	1200		1955-80	Electra Glide FL, FLH, FXE OHV All Cast Iron Rings	87.31	1.60	3.91	032 BF PC GI	**4609**	2 Cyl.	STD
						1.60	3.94	126 RVT PC GI	**4609010**		0.25
						4.75	4.14	501 1PCO PC GI	**4609020**		0.50
									4609030		0.75
									4609040		1.00
									4609050		1.25
									4609060		1.50
									4609070		1.75
									4609080		2.00
				Models using Wiseco Piston, 3 7/16" Bore 3 Ring Piston	87.31	1.60	3.91	327 BF PM GI	**2M4916**	1 Cyl.	STD
						1.60	3.94	126 RVT PC GI	**2M4916010**		0.25
						4.00	4.50	860 FV CR	**2M4916020**		0.50
								732 FV CR			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
HARLEY-DAVIDSON											
	1200		1948-64	74, F, FL, FLE	87.31	2.38	3.61	032 BF PC GI	**5193**	2 Cyl.	STD
						2.38	4.14	126 RVT PC GI	**5193020**		0.50
						4.75	4.14	501 1PCO PC GI	**5193040**		1.00
									5193060		1.50
								362 BF 3CR GI	**2C5193**		STD
								126 RVT PC GI			
								860 FV CR			
								732 FV CR			
	1200		1955-80	Electra Glide FL, FLH, FXE OHV	87.31	1.60	3.91	032 BF PC GI	**6482**	2 Cyl.	STD
74 cu. in.	1200		1948-78	FL, FLH, FX, FXE OHV Pan/ Shovel Head		1.60	3.94	126 RVT PC GI	**6482010**		0.25
						4.75	4.75	860 FV CR	**6482020**		0.50
								732 FV CR	**6482030**		0.75
									6482040		1.00
									6482050		1.25
									6482060		1.50
									6482070		1.75
									6482080		2.00
								327 BF PM GI	**2M6482**		STD
								126 RVT PC GI	**2M6482005**		0.13
								860 FV CR	**2M6482010**		0.25
								732 FV CR	**2M6482020**		0.50
									2M6482030		0.75
									2M6482040		1.00
									2M6482050		1.25
									2M6482060		1.50
									2M6482070		1.75
									2M6482080		2.00
									2M6482090		2.25
				Models using Wiseco Piston 3.498 Bore 3 Ring Piston	88.84	1.60	3.96	327 BF PM GI	**2M4917**	1 Cyl.	STD
						1.60	3.99	126 RVT PC GI	**2M4917005**		0.13
						4.00	4.39	860 FV CR	**2M4917010**		0.25
								732 FV CR	**2M4917020**		0.50
									2M4917030		0.75
									2M4917040		1.00
	1200		2004-On		88.84	1.20	3.61	397 BF PM S	**2M5069**	1 Cyl.	STD
						1.50	4.22	126 RVT PC GI			
						2.50	3.86	872 FV CR			
								005 FV CR			
80cu. in.	1340		1978-83	FL, FX Shovel Head	88.84	1.60	3.96	032 BF PC GI	**6127**	2 Cyl.	STD
						1.60	3.99	126 RVT PC GI	**6127010**		0.25
						4.75	1.27	860 FV CR	**6127020**		0.50
								732 FV CR	**6127030**		0.75
									6127040		1.00
									6127050		1.25
									6127060		1.50
									6127070		1.75
								327 BF PM GI	**2M6127**		STD
								126 RVT PC GI	**2M6127005**		0.13
								860 FV CR	**2M6127010**		0.25
								732 FV CR	**2M6127020**		0.50
									2M6127030		0.75
									2M6127040		1.00
80cu. in.	1340		1983-On	Evolution	88.84	1.60	3.96	032 BF PC GI	**6164**	2 Cyl.	STD
	1200		1983-On	XL & Late Shovel Head Sportster		1.60	3.99	126 RVT PC GI	**6164005**		0.13
						4.00	4.62	860 FV CR	**6164010**		0.25
								732 FV CR	**6164020**		0.50
									6164030		0.75
									6164040		1.00
								327 BF PM GI	**2M6164**		STD
								126 RVT PC GI	**2M6164005**		0.13
								860 FV CR	**2M6164010**		0.25
								732 FV CR	**2M6164020**		0.50
									2M6164030		0.75
									2M6164040		1.00

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
HARLEY-DAVIDSON											
				Models using Axtell Cyl. 3 1/2" Bore 3 Ring Piston	88.90	1.60	3.63	102 T PC GI	**7002**	1 Cyl.	STD
						1.60 4.00	3.66 4.11	102 T PC GI 056 FV CR 732 FV CR			
				Models using Axtell Cyl. 3 9/16" Bore 3 Ring Piston	90.49	1.60	3.66	102 T PC GI	**7001**	1 Cyl.	STD
						1.60 4.00	3.68 4.24	102 T PC GI 056 FV CR 732 FV CR			
				Stroker Kit w/1/16 Comp. Rings	92.08	1.60	4.32	327 BF PM GI	**2M5721**	1 Cyl.	STD
						1.60 4.75	4.34 1.27	126 RVT PC GI 860 FV CR 732 FV CR	**2M5721020**		0.50
				Stroker Kit w/5/64 Comp. Rings	92.08	2.00	4.32	327 BF PM GI	**2M5722**	1 Cyl.	STD
						2.00 4.75	4.34 1.27	126 RVT PC GI 860 FV CR 732 FV CR	**2M5722030** **2M5722040**		0.75 1.00
				Models using Axtell Cyl. 3 5/8" Bore 3 Ring Piston	92.08	1.60	4.32	327 BF PM GI	**2M6958**	1 Cyl.	STD
						1.60 4.00	4.34 4.62	126 RVT PC GI 860 FV CR 732 FV CR	**2M6958005**		0.13
	1584		2007-On	JED 96cu.in.	95.25	1.50	4.47	337 BF PM DI	**2M4805**	2 Cyl.	STD
						1.50 2.50	4.11 3.81	126 RVT PC GI 872 FV CR 732 FV CR	**2M4805005** **2M4805010**		0.13 0.25
	1450		1998-On	Twin Cam 88	95.25	1.50	4.47	337 BF PM DI	**2M4942**	2 Cyl.	STD
						1.50 3.00	4.11 3.81	126 RVT PC GI 872 FV CR 732 FV CR	**2M4942005** **2M4942010** **2M4942020** **2M4942030**		0.13 0.25 0.50 0.75
				Models using Custom Chrome Piston w/5/32 100 Big Twin	96.84	1.60	4.55	327 BF PM GI	**2M4950**	1 Cyl.	STD
						1.60 4.00	4.57 4.62	126 RVT PC GI 860 FV CR 732 FV CR	**2M4950005** **2M4950010** **2M4950020** **2M4950030**		0.13 0.25 0.50 0.75
				Models using Silvolite Piston w/3/16" oil grv. 100 Big Twin	96.84	1.60	4.55	327 BF PM GI	**2M4953**	1 Cyl.	STD
						1.60 4.75	4.57 4.62	126 RVT PC GI 860 FV CR 732 FV CR	**2M4953010** **2M4953020** **2M4953030**		0.25 0.50 0.75
	1690		1998-On	Eng, Twin Cam 88 Big Bore Kit	98.43	1.50	4.62	337 BF PM DI	**2M4941**	2 Cyl.	STD
						1.50 2.50	3.99 3.86	126 RVT PC GI 872 FV CR 005 FV CR	**2M4941005** **2M4941010** **2M4941020** **2M4941030** **2M4941040**		0.13 0.25 0.50 0.75 1.00
				Models using KB Piston	98.43	1.60	4.62	327 BF PM GI	**2M4985**	2 Cyl.	STD
						1.60 4.75	4.65 4.88	126 RVT PC GI 860 FV CR 732 FV CR	**2M4985010** **2M4985030**		0.25 0.75
				Model using Custom Chrome Piston Twin Cam 88	101.60	1.50	4.78	327 BF PM GI	**2M5080**	1 Cyl.	STD
						1.50 2.50	4.37 3.81	126 RVT PC GI 872 FV CR 732 FV CR	**2M5080005** **2M5080010** **2M5080020**		0.13 0.25 0.50
	1800		2007-14	110cu.in. Twin Cam w/CVO models	101.60	1.20	3.61	397 BF PM S	**2M5299**	2 Cyl.	STD
						1.20 2.50	4.37 3.81	406 N PC DI 872 FV CR 732 FV CR	**2M5299005** **2M5299010** **2M5299020**		0.13 0.25 0.50

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
HARLEY-DAVIDSON											
			2005-On	113 cu. in also; KB pistons	103.12	1.50	4.80	337 BF PM DI	**2M5153**	1 Cyl.	STD
						1.50	4.37	126 RVT PC GI	**2M5153005**		0.13
						2.50	3.81	872 FV CR	**2M5153010**		0.25
								732 FV CR			
				Model using United Engine Piston Twin Cam 88 107cu.in Twin Cam 96 117cu.in	104.78	1.50	4.09	336 T PM DI	**2M5157**	2 Cyl.	STD
						1.50	4.37	126 RVT PC GI	**2M5157005**		0.13
						3.00	3.81	621 FV CR	**2M5157030**		0.75
								005 FV CR			
				V-Twin big bore Model using Mid West Pistons	107.95	1.50	4.09	336 T PM DI	**2M5206**	2 Cyl.	STD
						1.50	4.37	126 RVT PC GI	**2M5206005**		0.13
						3.00	3.86	872 FV CR	**2M5206010**		0.25
								005 FV CR	**2M5206020**		0.50
									2M5206030		0.75
HENRY-J											
		4	1951-54	All Models	79.38	2.25	3.76	032 BF PC GI	**828**	4 Cyl.	STD
						2.25	3.78	126 RVT PC GI	**828020**		0.50
						4.75	1.27	871 FV CR	**828030**		0.75
								732 FV CR	**828040**		1.00
									828060		1.50
									828080		2.00
								362 BF 3CR GI	**2C828**		STD
								126 RVT PC GI	**2C828020**		0.50
								871 FV CR	**2C828030**		0.75
								732 FV CR	**2C828040**		1.00
									2C828060		1.50
HERCULES											
		4		ZXB	66.68	2.25	3.35	102 T PC GI	**7859**	4 Cyl.	STD
						2.25	3.15	126 RVT PC GI			
						4.75	1.27	871 FV CR			
								732 FV CR			
								362 BF 3CR GI	**2C7859**		STD
								126 RVT PC GI	**2C7859020**		0.50
								871 FV CR	**2C7859030**		0.75
								732 FV CR	**2C7859040**		1.00
		4		IXF, IXF3	69.85	3.18	3.25	032 BF PC GI	**4854**	4 Cyl.	STD
						3.18	3.23	401 SCRP PC GI			
						4.75	3.81	871 FV CR			
								732 FV CR			
		4		IXA, IXA3, IXA5 AL Piston	76.20	3.18	3.45	102 T PC GI	**4018**	4 Cyl.	STD
						3.18	3.48	126 RVT PC GI			
						4.75	1.27	860 FV CR			
								732 FV CR			
								362 BF 3CR GI	**2C4018**		STD
								126 RVT PC GI	**2C4018060**		1.50
								860 FV CR			
								732 FV CR			
		6		JX, QXB, QXB2, QXB3, QXB5, QXB5C	82.55	3.18	3.89	032 BF PC GI	**4072**	6 Cyl.	STD
				QXB		3.18	3.78	126 RVT PC GI	**4072020**		0.50
						3.18	3.78	126 RVT PC GI	**4072060**		1.50
						4.75	1.27	860 FV CR			
								732 FV CR			
								362 BF 3CR GI	**2C4072**		STD
								126 RVT PC GI			
								126 RVT PC GI			
								860 FV CR			
								732 FV CR			
IXB, IXBC, IXB3, IXB5		4			82.55	3.18	3.89	032 BF PC GI	**5060**	4 Cyl.	STD
						3.18	3.78	126 RVT PC GI	**5060020**		0.50
						4.75	1.27	860 FV CR	**5060060**		1.50
								732 FV CR			
								362 BF 3CR GI	**2C5060**		STD
								126 RVT PC GI			
								860 FV CR			
								732 FV CR			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
HERCULES											
		4		IXB, IXB3	82.55	2.38	3.89	032 BF PC GI	**6022**	4 Cyl.	STD
						3.18	3.78	126 RVT PC GI			
						4.75	1.27	860 FV CR			
								732 FV CR			
								362 BF 3CR GI	**2C6022**		STD
								126 RVT PC GI			
								860 FV CR			
								732 FV CR			
				NXB	82.55	3.18	3.89	032 BF PC GI	**7843**	2 Cyl.	STD
						3.18	3.78	126 RVT PC GI			
						4.75	1.27	860 FV CR			
								732 FV CR			
								362 BF 3CR GI	**2C7843**		STD
								126 RVT PC GI			
								860 FV CR			
								732 FV CR			
		6		JXA, JXAM, OXC, QXC3, QXC5, QXCM	85.73	3.18	4.04	362 BF 3CR GI	**2C4070**	6 Cyl.	STD
						3.18	3.89	126 RVT PC GI			
						3.18	3.89	126 RVT PC GI			
						4.75	1.27	860 FV CR			
								732 FV CR			
		6		QXD, QXLD, QXLDM Marine	87.31	2.25	4.11	362 BF 3CR GI	**2C4878**	6 Cyl.	STD
						3.18	3.94	126 RVT PC GI			
						4.75	1.27	860 FV CR			
								732 FV CR			
		6		QXD5MM, QXLD, QXLD3, QXLD5, WQXD5MC	87.31	2.25	4.11	362 BF 3CR GI	**2C5127**	6 Cyl.	STD
						2.25	4.14	126 RVT PC GI			
						4.75	1.27	860 FV CR			
								732 FV CR			
		6		QXD, QXD3, QXD5, QXLD	87.31	2.25	4.11	362 BF 3CR GI	**2C5263**	6 Cyl.	STD
						3.18	3.94	126 RVT PC GI			
						4.75	1.27	860 FV CR			
						4.75	4.14	732 FV CR			
								501 1PCO PC GI			
				GO173	88.90	2.38	4.19	032 BF PC GI	**6130**	1 Cyl.	STD
				GO260		3.18	3.66	126 RVT PC GI			
				GO130 3 Cyl.		4.75	1.27	860 FV CR			
						4.75	3.99	732 FV CR			
								501 1PCO PC GI			
								362 BF 3CR GI	**2C6130**		STD
								126 RVT PC GI			
								860 FV CR			
								732 FV CR			
								501 1PCO PC GI			
JXA2, JXA4E, JXE, JXE3, JXG, WXA2		6			88.90	3.18	3.96	362 BF 3CR GI	**2D7670**	6 Cyl.	STD
						3.18	3.66	126 RVT PC GI			
						3.18	3.66	126 RVT PC GI			
						4.75	4.24	553 CF CR GI			
								881 2PCO			
		6		JXB, JXBM, P4	92.08	3.18	3.84	362 BF 3CR GI	**2C4008**	6 Cyl.	STD
						3.18	3.86	126 RVT PC GI			
						3.18	3.86	126 RVT PC GI			
						4.75	1.27	860 FV CR			
								732 FV CR			
		6		JXC, JXCF, JXCM, JXCT, WXB, WXE	95.25	3.18	3.91	362 BF 3CR GI	**2D5028**	6 Cyl.	STD
						3.18	3.94	126 RVT PC GI			
						3.18	3.94	126 RVT PC GI			
						4.75	4.45	553 CF CR GI			
								881 2PCO			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
HERCULES											
		6		D298, D298ERT, D298H, D300, D300HT, D3000, DD298	95.25	3.00	4.17	372 FKST CR DI	**2C6279**	6 Cyl.	STD
						2.25	4.50	126 RVT PC GI			
						2.25	4.50	126 RVT PC GI			
						4.75	2.57	501 1PCO PC GI			
						4.75	4.19	825 2PCO			
								501 1PCO PC GI			
		6		G2000, G3000 use 2/3 set of 6 Cyl. for 4 Cyl.	95.25	2.25	4.47	363 BF CR GI	**2C6543**	6 Cyl.	STD
						3.18	3.94	126 RVT PC GI			
						4.75	1.27	860 FV CR			
								732 FV CR			
				G149, G150D, GO130H, GO149 3 Cyl.	95.25	2.25	4.47	363 BF CR GI	**2C6581**	1 Cyl.	STD
				DD198, G198, G200D, GO198		3.18	3.94	126 RVT PC GI			
				GO298, JXLC		4.75	1.27	860 FV CR			
						4.75	4.19	732 FV CR			
								501 1PCO PC GI			
		6		D298ERT Zollner Piston #1536	95.25	3.00	4.17	372 FKST CR DI	**2C6910**	6 Cyl.	STD
						3.00	4.19	170 FKST PC GI			
						2.25	4.50	126 RVT PC GI			
						4.75	1.27	860 FV CR			
								732 FV CR			
		4		CU, CU2	95.25	4.75	3.91	362 BF 3CR GI	**2C712**	4 Cyl.	STD
						4.75	3.94	126 RVT PC GI			
						4.75	3.94	126 RVT PC GI			
						4.75	1.27	871 FV CR			
								732 FV CR			
		4		JX4C, OOB	95.25	3.18	4.17	362 BF 3CR GI	**2C7669**	4 Cyl.	STD
						3.18	3.94	126 RVT PC GI			
						3.18	3.94	126 RVT PC GI			
						4.75	1.27	860 FV CR			
								732 FV CR			
		4		D212	98.43	3.00	4.29	372 FKST CR DI	**2C5332**	4 Cyl.	STD
						2.25	3.99	126 RVT PC GI			
						2.25	3.99	126 RVT PC GI			
						4.75	5.56	565 CF CR GI			
						4.75	4.32	881 2PCO			
								501 1PCO PC GI			
141 cu. in.		4		G1400	98.43	2.38	4.62	032 BF PC GI	**6353**	4 Cyl.	STD
						2.38	3.99	126 RVT PC GI	**6353010**		0.25
						4.75	4.88	860 FV CR	**6353020**		0.50
								732 FV CR	**6353030**		0.75
									6353040		1.00
									6353060		1.50
								362 BF 3CR GI	**2C6353**		STD
								126 RVT PC GI	**2C6353010**		0.25
								860 FV CR	**2C6353020**		0.50
								732 FV CR	**2C6353030**		0.75
									2C6353040		1.00
									2C6353060		1.50
		6		JXD, JXDF, JXDT, JXDTR, WXC, WXG, WXH, WXHC, WXLC	101.60	3.18	4.39	363 BF CR GI	**2C4007**	6 Cyl.	STD
						3.18	4.11	126 RVT PC GI			
						3.18	4.11	126 RVT PC GI			
						4.75	4.88	860 FV CR			
								732 FV CR			
		6		G339, G3400, JXD, JXLD, JXLDF	101.60	2.50	4.78	363 BF CR GI	**2C4231**	6 Cyl.	STD
						3.18	4.11	126 RVT PC GI			
						4.75	4.88	860 FV CR			
						4.75	4.37	732 FV CR			
								501 1PCO PC GI			
163 cu. in.		4		G1404, G1600	101.60	2.00	4.78	362 BF 3CR GI	**2C4389**	4 Cyl.	STD
						2.00	4.80	126 RVT PC GI			
						4.75	4.88	860 FV CR			
								732 FV CR			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
HERCULES											
		6		G3400, JXDM	101.60	2.25	4.78	362 BF 3CR GI	**2C5213**	6 Cyl.	STD
				G2300, JXDM Use 2/3 set of 6 Cyl. for 4 Cyl.		3.18	4.11	126 RVT PC GI	**2C5213040**		1.00
						4.75	4.88	860 FV CR			
								732 FV CR			
				D1700 3 Cyl., D2300 4 Cyl., D3400 6 Cyl. Diesel	101.60	3.00	4.78	372 FKST CR DI	**2C5622**	1 Cyl.	STD
						2.25	4.80	126 RVT PC GI	**2C5622020**		0.50
						4.75	4.62	860 FV CR	**2C5622040**		1.00
								732 FV CR			
				G1700, GO169	101.60	2.25	4.78	362 BF 3CR GI	**2C6288**	1 Cyl.	STD
				GO226, JX4L-D3		3.18	4.11	126 RVT PC GI			
				GO3-169, GO4-226, GO6-339, JXDT, JX4D 3 Cyl., 4 Cyl. & 6 Cyl.		4.75	4.88	860 FV CR			
						4.75	4.37	732 FV CR			
								501 1PCO PC GI			
				D1700, DD169, DD169H	101.60	3.00	4.78	372 FKST CR DI	**2C6294**	1 Cyl.	STD
				D2300, DD226, DD226H		2.25	4.80	126 RVT PC GI			
				D339, D339H, D3400, DD339		2.25	4.80	126 RVT PC GI			
						4.75	2.64	501 1PCO PC GI			
						4.75	4.37	825 2PCO			
								501 1PCO PC GI			
		4		JX4D, OHC, OOC 4 Ring Piston	101.60	3.18	4.39	362 BF 3CR GI	**2C702**	4 Cyl.	STD
						3.18	4.11	126 RVT PC GI			
						3.18	4.11	126 RVT PC GI			
						4.75	4.88	860 FV CR			
								732 FV CR			
		6		RXB, YXC2	114.30	3.18	4.83	363 BF CR GI	**2C4056**	6 Cyl.	STD
						3.18	4.85	126 RVT PC GI			
						3.18	4.85	126 RVT PC GI			
						4.75	5.08	860 FV CR			
								732 FV CR			
		4		L, LC, LP, MU3	114.30	4.75	4.83	102 T PC GI	**4157**	4 Cyl.	STD
						4.75	4.85	102 T PC GI			
						4.75	4.85	401 SCRP PC GI			
						4.75	5.08	860 FV CR			
								732 FV CR			
								362 BF 3CR GI	**2C4157**		STD
								102 T PC GI			
								401 SCRP PC GI			
								860 FV CR			
								732 FV CR			
HILLMAN											
	1600	4	1973-76	Avenger	87.31	2.00	4.11	032 BF PC GI	**4361**	4 Cyl.	STD
						2.00	4.14	401 SCRP PC GI			
						4.00	4.50	860 FV CR			
								732 FV CR			
								362 BF 3CR GI	**2C4361**		STD
								401 SCRP PC GI			
								860 FV CR			
								732 FV CR			
260 cu. in.		8	1966-67	Sunbeam	96.52	2.00	3.71	032 BF PC GI	**571**	8 Cyl.	STD
						2.25	4.24	126 RVT PC GI	**571030**		0.75
						4.75	4.62	860 FV CR	**571040**		1.00
								732 FV CR	**571060**		1.50
								362 BF 3CR GI	**2C571**		STD
								126 RVT PC GI	**2C571030**		0.75
								860 FV CR	**2C571040**		1.00
								732 FV CR	**2C571060**		1.50
								327 BF PM GI	**2M571**		STD
								126 RVT PC GI	**2M571030**		0.75
								860 FV CR	**2M571040**		1.00
								732 FV CR	**2M571060**		1.50

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
HOLDEN											
	1598	4	1981-82	Camira	80.00	1.50	3.18	032 BF PC GI	**9519**	4 Cyl.	STD
						1.75	3.71	401 SCRP PC GI	**9519020**		0.50
						4.00	3.81	056 FV CR	**9519040**		1.00
								732 FV CR			
								362 BF 3CR GI	**2C9519**		STD
								401 SCRP PC GI	**2C9519020**		0.50
								056 FV CR	**2C9519040**		1.00
								732 FV CR	**2C9519060**		1.50
	2962	6		VL Commodore, Nissan , Australia, RD30E Turbo	86.00	1.50	3.86	376 BF CR DI	**2C4713**	6 Cyl.	STD
						1.50	3.78	435 SCRP PC GI	**2C4713010**		0.25
						4.00	3.43	058 FV CR	**2C4713020**		0.50
								732 FV CR	**2C4713030**		0.75
									2C4713040		1.00
202cu. in.		6	1995-On	Australian Race	92.08	1.60	4.32	336 T PM DI	**2M4949**	6 Cyl.	STD
						1.60	4.34	126 RVT PC GI	**2M4949020**		0.50
						4.75	4.62	860 FV CR	**2M4949030**		0.75
								732 FV CR	**2M4949035**		0.88
									2M4949040		1.00
									2M4949045		1.13
									2M4949065		1.63
253cu. in.		8	1997-On	Commodore Cup Australian Race	92.08	1.60	4.32	336 T PM DI	**2M4952**	8 Cyl.	STD
						1.60	4.34	126 RVT PC GI	**2M4952020**		0.50
						4.75	4.62	860 FV CR	**2M4952030**		0.75
								732 FV CR	**2M4952035**		0.88
									2M4952040		1.00
									2M4952045		1.13
									2M4952065		1.63
		6	1995-On	202Cu. in. L6 Australian Race w/metric grvs.	92.13	1.50	4.04	335 T PM DI	**2M5878**	6 Cyl.	STD
						1.50	4.06	126 RVT PC GI	**2M5878030**		0.75
						4.00	3.30	870 FV CR	**2M5878040**		1.00
								732 FV CR	**2M5878060**		1.50
253cu. in.		8	1995-On	V8 Australian Race w/metric grvs.	92.13	1.50	4.04	335 T PM DI	**2M5882**	8 Cyl.	STD
						1.50	4.06	126 RVT PC GI	**2M5882030**		0.75
						4.00	3.30	870 FV CR	**2M5882040**		1.00
								732 FV CR	**2M5882060**		1.50
		6	1966-70	186	92.08	2.00	4.32	032 BF PC GI	**653**	6 Cyl.	STD
						2.00	4.34	126 RVT PC GI	**653020**		0.50
						4.75	1.27	860 FV CR	**653030**		0.75
								732 FV CR	**653040**		1.00
									653060		1.50
								362 BF 3CR GI	**2C653**		STD
								126 RVT PC GI	**2C653020**		0.50
								860 FV CR	**2C653030**		0.75
								732 FV CR	**2C653040**		1.00
								327 BF PM GI	**2M653**		STD
								126 RVT PC GI	**2M653030**		0.75
								860 FV CR	**2M653040**		1.00
								732 FV CR	**2M653060**		1.50
		8	1999-05	Commodore Australian Race w/metric grvs.	99.00	1.50	3.66	335 T PM DI	**2M9600**	8 Cyl.	STD
						1.50	4.01	126 RVT PC GI	**2M9600010**		0.25
						3.00	3.81	872 FV CR	**2M9600020**		0.50
								732 FV CR	**2M9600030**		0.75
									2M9600005		0.13
		8		RACE 299 CU. IN.	101.60	1.50	4.09	336 T PM DI	**2M5210**	8 Cyl.	STD
				RACE 305 CU. IN.		1.50	4.37	126 RVT PC GI	**2M5210020**		0.50
						4.00	3.48	635 FV CR	**2M5210030**		0.75
								732 FV CR	**2M5210040**		1.00
									2M5210060		1.50

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
HONDA											
EB1	1169	4	1972-73	EB1 Civic	70.00	1.50	3.25	362 BF 3CR GI	**2C6115**	4 Cyl.	STD
						1.50	2.95	126 RVT PC GI	**2C6115010**		0.25
						2.80	1.14	859 FV CR	**2C6115020**		0.50
								732 FV CR	**2C6115030**		0.75
EB2	1200	4	1972-78	Civic	72.00	1.50	2.82	032 BF PC GI	**6116**	4 Cyl.	STD
	1237					1.50	3.40	126 RVT PC GI	**6116010**		0.25
	1250					2.80	1.14	859 FV CR	**6116020**		0.50
								732 FV CR	**6116030**		0.75
									6116040		1.00
									6116060		1.50
								362 BF 3CR GI	**2C6116**		STD
								126 RVT PC GI	**2C6116010**		0.25
								859 FV CR	**2C6116020**		0.50
								732 FV CR	**2C6116030**		0.75
									2C6116040		1.00
									2C6116060		1.50
EB-3, EE, EJ1, EN1	1237	4	1978-81	EB-3, EE Civic	72.00	1.50	2.82	032 BF PC GI	**6131**	4 Cyl.	STD
	1335		1980-82	EJ1, EN1 Civic, Civic DX		1.50	3.40	126 RVT PC GI	**6131010**		0.25
						4.00	3.30	058 FV CR	**6131020**		0.50
								732 FV CR	**6131030**		0.75
									6131040		1.00
									6131060		1.50
								362 BF 3CR GI	**2C6131**		STD
								126 RVT PC GI	**2C6131010**		0.25
								058 FV CR	**2C6131020**		0.50
								732 FV CR	**2C6131030**		0.75
									2C6131040		1.00
									2C6131060		1.50
	1335	4	1982-83	EJZ Civic	72.00	1.00	2.92	398 BF CR S	**2C6174**	4 Cyl.	STD
						1.20	3.10	126 RVT PC GI	**2C6174020**		0.50
						2.80	1.14	859 FV CR	**2C6174030**		0.75
								732 FV CR	**2C6174040**		1.00
									2C6174060		1.50
LDA-MF3 , L15A1	1339	4	2003-05	LDA-MF3 SOHC Civic Hybrid w/VTECH	73.00	1.00	2.92	398 BF CR S	**2C5253**	4 Cyl.	STD
	1497		2007-13	L15A1 SOHC		1.20	3.12	610 RVT PC GI	**2C5253020**		0.50
						2.00	2.54	990 FV CR	**2C5253030**		0.75
								732 FV CR	**2C5253040**		1.00
LDA-MF3	1339	4	2006-13	LDA-MF3 SOHC Gas/ Electric Civic Hybrid, Insight w/1.50mm oil grv.	73.00	1.00	2.44	398 BF CR S	**2C5723**	4 Cyl.	STD
						1.00	2.46	123 RVT PC DI			
						1.50	2.34	981 FV CR			
								005 FV CR			
GX240K1				GX240K1 8HP	73.00	2.00	3.10	032 BF PC GI	**6195**	1 Cyl.	STD
						2.00	3.43	401 SCRP PC GI	**6195010**		0.25
						2.80	3.18	859 FV CR	**6195020**		0.50
								732 FV CR	**6195030**		0.75
D15A2, EJ2, EW1 CRX	1488	4	1985-91	D15A2, EJ2, EW1 CRX, HF	74.00	1.00	2.92	398 BF CR S	**2C4363**	4 Cyl.	STD
						1.20	2.97	126 RVT PC GI	**2C4363020**		0.50
						2.80	3.18	859 FV CR	**2C4363030**		0.75
								732 FV CR	**2C4363040**		1.00
D13A2, EV1	1342	4		D13A2, EV1 2 Ring Piston	74.00	1.20	2.92	398 BF CR S	**2C4364**	4 Cyl.	STD
						2.80	1.14	859 FV CR	**2C4364020**		0.50
								732 FV CR	**2C4364030**		0.75
									2C4364040		1.00

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
HONDA											
D15A3, EF, EM1	1488	4	1976-78	D15A3, EF Civic CVCC ED, EM1	74.00	1.50	3.20	032 BF PC GI	**4396**	4 Cyl.	STD
			1975-88	EF1, Eord		1.50	3.45	126 RVT PC GI	**4396010**		0.25
						4.00	3.30	058 FV CR	**4396020**		0.50
								732 FV CR	**4396030**		0.75
									4396040		1.00
									4396060		1.50
								362 BF 3CR GI	**2C4396**		STD
								126 RVT PC GI	**2C4396010**		0.25
								058 FV CR	**2C4396020**		0.50
								732 FV CR	**2C4396030**		0.75
									2C4396040		1.00
									2C4396060		1.50
								327 BF PM GI	**2M4396**		STD
								126 RVT PC GI	**2M4396020**		0.50
								058 FV CR	**2M4396030**		0.75
								732 FV CR	**2M4396040**		1.00
									2M4396060		1.50
EC	1488	4		EC	74.00	1.50	3.20	032 BF PC GI	**4435**	4 Cyl.	STD
						1.50	3.45	126 RVT PC GI	**4435010**		0.25
						2.80	1.14	859 FV CR	**4435020**		0.50
								732 FV CR	**4435030**		0.75
									4435040		1.00
								362 BF 3CR GI	**2C4435**		STD
								126 RVT PC GI	**2C4435010**		0.25
								859 FV CR	**2C4435020**		0.50
								732 FV CR	**2C4435030**		0.75
									2C4435040		1.00
D15A2, EM1	1488	4	1983-87	D15A2, EM1, Exc. HF, EW1	74.00	1.20	2.92	398 BF CR S	**2C6173**	4 Cyl.	STD
						1.20	2.97	126 RVT PC GI	**2C6173010**		0.25
						2.80	2.79	996 FV CR	**2C6173020**		0.50
								732 FV CR	**2C6173030**		0.75
									2C6173040		1.00
	1600	4		KA200 Civic	75.00	1.20	2.92	398 BF CR S	**2C4631**	4 Cyl.	STD
						1.50	3.23	401 SCRP PC GI	**2C4631020**		0.50
						4.00	3.43	058 FV CR	**2C4631030**		0.75
								732 FV CR	**2C4631040**		1.00
								322 BF GN SS	**2N463150**		0.50
								435 SCRP PC GI			
								058 FV CR			
								732 FV CR			
D16A6, D16A7, D16Z6, D15B1, D15B2, D15B7, D15B8	1493	4	1988-95	D15B1, D15B2 16 Valve D15B7, D15B8 Engs.	75.00	1.20	2.92	398 BF CR S	**2C4640**	4 Cyl.	STD
	1590		1988-95	D16A6, D16A7, D16Z6		1.50	3.23	401 SCRP PC GI	**2C4640010**		0.25
						2.80	3.30	859 FV CR	**2C4640020**		0.50
								732 FV CR	**2C4640030**		0.75
									2C4640040		1.00
									2C4640060		1.50
D16Y7, D16Y8, D16B5, D15B6, D15Z1	1493	4	1996-98	D15B6, D15Z1 8 Valve	75.00	1.00	2.92	398 BF CR S	**2C4690**	4 Cyl.	STD
	1590		1988-95	D16Y5, D16Y7, D16Y8		1.20	2.97	610 RVT PC GI	**2C4690010**		0.25
						2.80	3.30	859 FV CR	**2C4690020**		0.50
								732 FV CR	**2C4690030**		0.75
									2C4690040		1.00
D15B8, D15Z1		4	1992-96	D15B8, D15Z1	75.00	1.20	2.92	398 BF CR S	**2C4962**	4 Cyl.	STD
						1.50	3.23	401 SCRP PC GI	**2C4962020**		0.50
						3.00	3.18	054 FV CR	**2C4962030**		0.75
								732 FV CR	**2C4962040**		1.00
D16Y8	1590	4	1999-On	D16Y8 SOHC V-TEC w/ shallow oil groove	75.00	1.00	2.92	398 BF CR S	**2C4974**	4 Cyl.	STD
						1.20	2.97	610 RVT PC GI	**2C4974020**		0.50
						2.80	2.79	996 FV CR	**2C4974030**		0.75
								732 FV CR	**2C4974040**		1.00

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
HONDA											
D17A1, D17A2, D17A6	1668	4	2001-05	D17A1, D17A2/6, SOHC, VTEC Civic DX, EX, HX L4	75.00	1.00	2.92	398 BF CR S	**2C5111**	4 Cyl.	STD
						1.20	2.97	610 RVT PC GI	**2C5111010**		0.25
						2.00	2.67	993 FV CR	**2C5111020**		0.50
								005 FV CR	**2C5111030**		0.75
									2C5111040		1.00
D16A	1590	4			75.00	1.20	2.92	398 BF CR S	**SC5558**	4 Cyl.	STD
						1.50	3.23	401 SCRP PC GI	**SC5558010**		0.25
						2.80	3.30	859 FV CR	**SC5558020**		0.50
								732 FV CR	**SC5558030**		0.75
									SC5558040		1.00
									SC5558060		1.50
EK1, EL1	1751	4	1979-83	EK1, Eord, Prelude	77.00	1.50	3.30	032 BF PC GI	**6134**	4 Cyl.	STD
						1.50	3.68	401 SCRP PC GI	**6134010**		0.25
						4.00	3.68	058 FV CR	**6134020**		0.50
								732 FV CR	**6134024**		0.61
									6134030		0.75
									6134032		0.81
									6134040		1.00
									6134060		1.50
								363 BF CR GI	**2C6134**		STD
								401 SCRP PC GI	**2C6134010**		0.25
								058 FV CR	**2C6134020**		0.50
								732 FV CR	**2C6134030**		0.75
									2C6134040		1.00
ES1, ES2, ES3, ET2	1829	4	1983-87	ES1, ES2, ES3, Eord, Prelude	80.00	1.50	3.18	102 T PC GI	**6177**	4 Cyl.	STD
						1.50	3.48	126 RVT PC GI	**6177020**		0.50
						4.00	3.81	056 FV CR	**6177030**		0.75
								732 FV CR	**6177040**		1.00
								363 BF CR GI	**2C6177**		STD
								126 RVT PC GI	**2C6177020**		0.50
								056 FV CR	**2C6177030**		0.75
								732 FV CR	**2C6177040**		1.00
	1958	4	1988-93	B20A3, B20A5 Prelude	81.00	1.20	3.33	398 BF CR S	**2C4658**	4 Cyl.	STD
						1.50	3.23	126 RVT PC GI	**2C4658020**		0.50
						2.80	3.18	861 FV CR	**2C4658030**		0.75
								732 FV CR	**2C4658040**		1.00
	1590	4	1993-99	B16A2 V-TEC Series	81.00	1.00	3.33	398 BF CR S	**2C4666**	4 Cyl.	STD
						1.20	3.15	126 RVT PC GI	**2C4666010**		0.25
						2.80	3.18	861 FV CR	**2C4666020**		0.50
								732 FV CR	**2C4666030**		0.75
									2C4666040		1.00
R18A1	1799	4	2006-14	R18A1 SOHC Civic	81.00	1.20	3.12	398 BF CR S	**2C4850**	4 Cyl.	STD
						1.20	3.15	126 RVT PC GI	**2C4850010**		0.25
						2.00	2.92	993 FV CR	**2C4850020**		0.50
								005 FV CR	**2C4850030**		0.75
									2C4850040		1.00
B16A	1590	4			81.00	1.00	3.33	398 BF CR S	**SC5572**	4 Cyl.	STD
						1.20	3.15	126 RVT PC GI	**SC5572010**		0.25
						2.80	3.18	861 FV CR	**SC5572020**		0.50
								732 FV CR	**SC5572030**		0.75
									SC5572040		1.00
GX-340				GX-340 Stationary	82.00	2.00	3.86	363 BF CR GI	**2C4475**	1 Cyl.	STD
						2.00	3.25	126 RVT PC GI	**2C4475010**		0.25
						2.80	3.18	861 FV CR			
								732 FV CR			
	1955	4	1986-89	BS, ord, A20A	82.70	1.50	3.25	362 BF 3CR GI	**2C4499**	4 Cyl.	STD
	1955		1985-89	BS, BT		1.50	3.61	126 RVT PC GI	**2C4499020**		0.50
						4.00	3.30	058 FV CR	**2C4499030**		0.75
								732 FV CR	**2C4499040**		1.00
								327 BF PM GI	**2M4499**		STD
								126 RVT PC GI	**2M4499020**		0.50
								058 FV CR	**2M4499030**		0.75
								732 FV CR	**2M4499040**		1.00
	2056	4		B21A1 Prelude 16 Valve	83.00	1.20	3.12	398 BF CR S	**2C4739**	4 Cyl.	STD
						1.20	3.35	610 RVT PC GI	**2C4739010**		0.25
						2.80	3.30	861 FV CR	**2C4739020**		0.50
								732 FV CR	**2C4739030**		0.75
									2C4739040		1.00

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
HONDA											
B20B4, B20Z2	1972	4	1997-02	B20B4, B20Z2 CRV DOHC	84.00	1.20	3.33	398 BF CR S	**2C4973**	4 Cyl.	STD
						1.20	3.33	126 RVT PC GI	**2C4973020**		0.50
						2.80	2.79	997 FV CR	**2C4973030**		0.75
								732 FV CR	**2C4973040**		1.00
								326 TBF GN SS	**2N4973**		STD
								126 RVT PC GI 997 FV CR 732 FV CR			
B16, B20	1600	4			84.00	1.00	3.33	398 BF CR S	**SC8513**	4 Cyl.	STD
	2000					1.20	3.33	126 RVT PC GI	**SC8513020**		0.50
						2.80	3.30	861 FV CR 732 FV CR			
F22A1, F22A4, F22B2, F22B1	2156	4	1990-97	F22A1, F22A4, F22B1, F22ord	85.00	1.20	3.33	398 BF CR S	**2C4654**	4 Cyl.	STD
						1.20	3.35	610 RVT PC GI	**2C4654010**		0.25
						2.80	3.30	861 FV CR	**2C4654020**		0.50
								732 FV CR	**2C4654030**		0.75
									2C4654040		1.00
N22A1, N22A2	2204			Diesel DOHC N22A1 N22A2 w/2 pc oil ring	85.00	2.00	3.12	225 FKST CR DI	**2C7425**	1 Cyl.	STD
						2.00	3.15	210 SCRP TF PC DI			
						3.00	3.33	204 CF CR DI 881 2PCO			
F23A1, F23A4, F23A7	2254	4	1998-02	F23A1, F23A4, F23A7, L-4	86.00	1.20	3.33	398 BF CR S	**2C4969**	4 Cyl.	STD
						1.20	3.58	126 RVT PC GI	**2C4969020**		0.50
						2.80	2.92	997 FV CR	**2C4969030**		0.75
								732 FV CR	**2C4969040**		1.00
J30A1, JNA1,J30A4	3000	6	1997-07	J30A1,JNA1,4,5 SOHC	86.00	1.20	3.33	398 BF CR S	**2C4971**	6 Cyl.	STD
						1.20	3.58	126 RVT PC GI	**2C4971020**		0.50
						2.80	2.92	997 FV CR	**2C4971030**		0.75
								732 FV CR	**2C4971040**		1.00
, K20A1, K20A3, K20Z3	1998	4	2002-11	K20A3, Civic, RSX DOHC I-VTECH	86.00	1.20	3.12	398 BF CR S	**2C5089**	4 Cyl.	STD
						1.20	3.58	126 RVT PC GI	**2C5089020**		0.50
						2.00	2.79	993 FV CR	**2C5089030**		0.75
								005 FV CR	**2C5089040**		1.00
K24Z7	2354	4	2013-14	K24Z7	87.00	1.20	3.12	398 BF CR S	**2C4122**	4 Cyl.	STD
						1.00	2.77	123 RVT PC DI	**2C4122020**		0.50
						2.00	2.79	993 FV CR	**2C4122030**		0.75
								005 FV CR			
PL2, C27A1	2675	6	1987-97	C27A	87.00	1.20	3.33	398 BF CR S	**2C4645**	6 Cyl.	STD
						1.20	3.35	610 RVT PC GI	**2C4645020**		0.50
						4.00	3.43	058 FV CR	**2C4645030**		0.75
								732 FV CR	**2C4645040**		1.00
H22A, H23 A, H22A1, H23A1, H22A3, H22A4	2156	4	1997-02	H22A4, Prelude	87.00	1.20	3.33	398 BF CR S	**2C4767**	4 Cyl.	STD
	2259		1992-00	H22A4, H23A1		1.20	3.35	610 RVT PC GI	**2C4767010**		0.25
						2.80	2.67	997 FV CR	**2C4767020**		0.50
								732 FV CR	**2C4767030**		0.75
									2C4767040		1.00
									2C4767060		1.50
								326 TBF GN SS	**2N4767**		STD
								435 SCRP PC GI 672 FV GN 708 FV GN			
K24A1 K24A4 K24Y1	1997	4	2000-03	F20C V-TEC	87.00	1.20	3.33	398 BF CR S	**2C5147**	4 Cyl.	STD
	2156		2004-06	F22C V-TEC		1.20	3.35	610 RVT PC GI	**2C5147010**		0.25
	2354		2002-12	K24A1 K24A4 K24Y1 SOHC, DOHC		2.00	2.79	993 FV CR	**2C5147020**		0.50
								005 FV CR	**2C5147030**		0.75
									2C5147040		1.00
GX390K1				GX390K1 13HP	88.00	2.00	3.94	032 BF PC GI	**6121**	1 Cyl.	STD
						2.00	3.96	126 RVT PC GI	**6121040**		1.00
						2.80	2.36	999 FV CR 732 FV CR			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
HONDA											
J35A6, J35A7, J35A9, J35Z1	3471	6	1999-14	Odyssey, J35A6, J35A7, J35A9, 3.5 Litre J35Z1	89.00	1.20	3.33	398 BF CR S	**2C4972**	6 Cyl.	STD
						1.20	3.68	610 RVT PC GI	**2C4972020**		0.50
						2.80	2.79	997 FV CR	**2C4972030**		0.75
								732 FV CR	**2C4972040**		1.00
4ZE1	2559	4	1996-97	4ZE1 Isuzu, Passport	92.60	1.50	3.84	032 BF PC GI	**4637**	4 Cyl.	STD
						1.50	4.34	126 RVT PC GI	**4637020**		0.50
						4.00	3.43	870 FV CR	**4637030**		0.75
								732 FV CR	**4637040**		1.00
								335 T PM DI	**2M4637**		STD
								126 RVT PC GI	**2M4637010**		0.25
								870 FV CR	**2M4637020**		0.50
								732 FV CR	**2M4637030**		0.75
									2M4637040		1.00
									2M4637060		1.50
6VD1	3156	6	1996-97	Passport Isuzu 6VD1	93.40	1.50	4.11	327 BF PM GI	**2M4791**	6 Cyl.	STD
						1.50	4.06	126 RVT PC GI	**2M4791010**		0.25
						4.00	3.30	870 FV CR	**2M4791020**		0.50
								732 FV CR	**2M4791030**		0.75
									2M4791040		1.00
6VD1	3156	6	1998-02	6VD1 Isuzu	93.40	1.50	4.11	327 BF PM GI	**2M4945**	6 Cyl.	STD
						1.50	4.06	126 RVT PC GI	**2M4945020**		0.50
						3.00	3.05	997 FV CR	**2M4945030**		0.75
								732 FV CR	**2M4945040**		1.00
HUDSON											
		6	1957	Rambler 5710	79.38	2.25	3.76	032 BF PC GI	**680**	6 Cyl.	STD
						2.25	3.78	126 RVT PC GI	**680020**		0.50
						4.75	3.94	871 FV CR	**680030**		0.75
								732 FV CR	**680040**		1.00
									680060		1.50
								362 BF 3CR GI	**2C680**		STD
								126 RVT PC GI	**2C680020**		0.50
								871 FV CR	**2C680030**		0.75
								732 FV CR	**2C680040**		1.00
		8	1956-57	Hornet Special 35650, Rambler 5720	88.90	2.00	4.19	032 BF PC GI	**652**	8 Cyl.	STD
						2.00	4.22	126 RVT PC GI	**652030**		0.75
						4.75	1.27	860 FV CR	**652040**		1.00
								732 FV CR	**652060**		1.50
								363 BF CR GI	**2C652**		STD
								126 RVT PC GI	**2C652010**		0.25
								860 FV CR	**2C652020**		0.50
								732 FV CR	**2C652030**		0.75
									2C652040		1.00
								327 BF PM GI	**2M652**		STD
								126 RVT PC GI	**2M652030**		0.75
								860 FV CR	**2M652040**		1.00
								732 FV CR			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
HUDSON											
		8	1956-57	All	101.60	2.00	4.78	032 BF PC GI	**139**	8 Cyl.	STD
						2.00	4.80	126 RVT PC GI	**139010**		0.25
						4.75	4.88	860 FV CR	**139020**		0.50
								732 FV CR	**139030**		0.75
									139040		1.00
									139060		1.50
									139070		1.75
									139080		2.00
									139100		2.50
								362 BF 3CR GI	**2C139**		STD
								126 RVT PC GI	**2C139010**		0.25
								860 FV CR	**2C139020**		0.50
								732 FV CR	**2C139030**		0.75
									2C139040		1.00
									2C139060		1.50
									2C139070		1.75
									2C139080		2.00
								397 BF PM S	**2M139**		STD
								126 RVT PC GI	**2M139005**		0.13
								860 FV CR	**2M139010**		0.25
								732 FV CR	**2M139020**		0.50
									2M139030		0.75
									2M139040		1.00
									2M139060		1.50
									2M139070		1.75
									2M139080		2.00
									2M139100		2.50
HUMMER											
396cu. in.		8		Diesel (incl Turbo) Special .029 to .039 gap 2nd ring	103.00	3.00	4.47	378 BF CC DI	**2D4744**	8 Cyl.	STD
						2.00	4.24	130 RVT PC GI	**2D4744020**		0.50
						4.00	5.31	553 CF CR GI	**2D4744030**		0.75
								881 2PCO	**2D4744040**		1.00
									2D4744060		1.50
HYUNDAI											
G4HC, G4DG, Epsilon 1.0 S	999	4		999cc G4HC, Atos	66.00	1.20	2.92	398 BF CR S	**2C5136**	4 Cyl.	STD
						1.20	3.07	610 RVT PC GI	**2C5136010**		0.25
						2.50	3.05	995 FV CR	**2C5136020**		0.50
								732 FV CR	**2C5136030**		0.75
									2C5136040		1.00
G4HC	1100	4	2005-08	SOHC, G4HC, Atos, Chrysler w/2.5mm oil grv	67.00	1.20	2.92	398 BF CR S	**2C4580**	4 Cyl.	STD
						1.20	3.07	126 RVT PC GI	**2C4580010**		0.25
						2.50	3.05	995 FV CR	**2C4580020**		0.50
								005 FV CR	**2C4580030**		0.75
G4HC	1100	4	2005-08	SOHC, G4HC, Atos, Chrysler w/2.8mm oil grv	67.00	1.20	2.92	398 BF CR S	**2C5250**	4 Cyl.	STD
						1.20	3.07	126 RVT PC GI	**2C5250020**		0.50
						2.80	2.36	999 FV CR	**2C5250030**		0.75
								732 FV CR			
G4HC	1100	4	2005-08	SOHC, G4HC, Atos, Chrysler w/2.0mm oil grv	67.00	1.20	2.92	398 BF CR S	**2C5298**	4 Cyl.	STD
						1.20	3.07	126 RVT PC GI	**2C5298010**		0.25
						2.00	2.92	989 FV CR	**2C5298020**		0.50
								732 FV CR	**2C5298030**		0.75
									2C5298040		1.00
								322 BF GN SS	**2N5298**		STD
								435 SCRP PC GI			
								672 FV GN			
								708 FV GN			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
HYUNDAI											
G4EA, G4K, G4N, G4EH	1341	4	1996-On	G4ent	71.50	1.50	2.79	032 BF PC GI	**5264**	4 Cyl.	STD
						1.50	3.12	126 RVT PC GI	**5264020**		0.50
						3.00	3.30	054 FV CR	**5264030**		0.75
								732 FV CR	**5264040**		1.00
									5264060		1.50
								362 BF 3CR GI	**2C5264**		STD
								126 RVT PC GI	**2C5264010**		0.25
								054 FV CR	**2C5264020**		0.50
								732 FV CR			
G4EA	1341	4	2010-16	GETZ, ACCENT MPI	71.50	1.20	3.12	398 BF CR S	**2C5389**	4 Cyl.	STD
						1.20	2.97	435 SCRP PC GI			0.50
						2.00	2.79	993 FV CR			1.00
	1400	4		Pony	73.00	1.50	3.10	5 FV CR	**4347**	4 Cyl.	STD
						1.50	3.07	126 RVT PC GI	**4347020**		0.50
						4.00	3.30	058 FV CR	**4347030**		0.75
								732 FV CR	**4347040**		1.00
									4347060		1.50
								362 BF 3CR GI	**2C4347**		STD
								126 RVT PC GI	**2C4347010**		0.25
								058 FV CR	**2C4347020**		0.50
								732 FV CR	**2C4347030**		0.75
									2C4347040		1.00
									2C4347060		1.50
G4EK	1468	4	2006-11	G4EK MPI DOHC Attitude	75.50	1.20	2.92	398 BF CR S	**2C4576**	4 Cyl.	STD
						1.20	2.97	610 RVT PC GI	**2C4576010**		0.25
						2.00	3.05	993 FV CR	**2C4576020**		0.50
								005 FV CR	**2C4576030**		0.75
									2C4576040		1.00
G4EK	1468	4	1996-00	G4FK DOent	75.50	1.20	2.92	398 BF CR S	**2C4668**	4 Cyl.	STD
						1.50	3.12	126 RVT PC GI	**2C4668010**		0.25
						3.00	3.18	054 FV CR	**2C4668020**		0.50
								732 FV CR	**2C4668030**		0.75
									2C4668040		1.00
									2C4668060		1.50
G4AE, G4EK,	1500	4	1993-00	SOHC, G4EK	75.50	1.50	2.95	032 BF PC GI	**4782**	4 Cyl.	STD
						1.50	3.12	126 RVT PC GI	**4782010**		0.25
						3.00	2.79	996 FV CR	**4782020**		0.50
								732 FV CR	**4782030**		0.75
									4782040		1.00
								363 BF CR GI	**2C4782**		STD
								126 RVT PC GI	**2C4782010**		0.25
								996 FV CR	**2C4782020**		0.50
								732 FV CR	**2C4782030**		0.75
									2C4782040		1.00
	1468	4	1985-92	Excel	75.50	1.50	2.95	032 BF PC GI	**5716**	4 Cyl.	STD
						1.50	3.12	126 RVT PC GI	**5716010**		0.25
						4.00	3.68	058 FV CR	**5716020**		0.50
								732 FV CR	**5716030**		0.75
									5716040		1.00
									5716060		1.50
								363 BF CR GI	**2C5716**		STD
								126 RVT PC GI	**2C5716010**		0.25
								058 FV CR	**2C5716020**		0.50
								732 FV CR	**2C5716030**		0.75
									2C5716040		1.00
									2C5716060		1.50
								327 BF PM GI	**2M5716**		STD
								126 RVT PC GI	**2M5716010**		0.25
								058 FV CR	**2M5716020**		0.50
								732 FV CR	**2M5716030**		0.75
									2M5716040		1.00
	1599	4	2006-12	DOHC L4 w/2.0mm Oil Grv.	76.50	1.20	3.12	398 BF CR S	**2C4526**	4 Cyl.	STD
						1.20	3.48	610 RVT PC GI	**2C4526020**		0.50
						2.00	2.92	993 FV CR	**2C4526030**		0.75
								005 FV CR			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
HYUNDAI											
G4ED, G4GR,	1599	4	2001-05	DOHC, G4ED,G4GR w/2.5mm Oil Grv.	76.50	1.20	3.12	398 BF CR S	**2C5154**	4 Cyl.	STD
						1.20	3.48	610 RVT PC GI	**2C5154020**		0.50
						2.50	2.92	995 FV CR	**2C5154030**		0.75
								732 FV CR	**2C5154040**		1.00
	1599	4		Elantra 2000	76.50	1.20	2.92	398 BF CR S	**2C5177**	4 Cyl.	STD
						1.50	3.23	401 SCRP PC GI	**2C5177010**		0.25
						2.50	2.79	995 FV CR	**2C5177020**		0.50
								732 FV CR	**2C5177030**		0.75
G32B	1597	4	1985-90	Stellar, G32B	76.90	2.00	3.66	032 BF PC GI	**675**	4 Cyl.	STD
						2.00	3.68	126 RVT PC GI	**675010**		0.25
						4.00	3.94	056 FV CR	**675020**		0.50
								732 FV CR	**675030**		0.75
									675040		1.00
									675060		1.50
								362 BF 3CR GI	**2C675**		STD
								126 RVT PC GI	**2C675010**		0.25
								056 FV CR	**2C675020**		0.50
								732 FV CR	**2C675030**		0.75
									2C675040		1.00
G4FA G4FC	1396	4	2010-on	GAMMA , ACCENT, AVENTE HD	77.00	1.20	3.12	398 BF CR S	**2C4504**	4 Cyl.	STD
G4FC, G4FJ	1591		2008-16	GAMMA, ACCENT, AVENTE HD, VOLOSTER		1.20	3.38	435 SCRP PC GI	**2C450450**		0.50
						2.00	2.92	993 FV CR	**2C4504100**		1.00
								5 FV CR			
CRDI, D4FB	1582			CRDI, D4FB	77.20	1.75	3.05	242 RVT BF CR DI	**2D7438**	1 Cyl.	STD
						1.75	3.38	209 RVT PC DI			
						3.00	3.33	204 CF CR DI			
								881 2PCO			
G4DR, G4GR, G4ED, J2, Beta 1.6,	1596	4	1996-On	G4DR 16V	77.40	1.20	2.92	398 BF CR S	**2C5196**	4 Cyl.	STD
						1.20	3.40	610 RVT PC GI	**2C5196020**		0.50
						2.50	2.92	995 FV CR	**2C5196040**		1.00
								732 FV CR			
	1797	4	2012-16	G4NBB DOHC "NU SERIES" ELANTRA, MISTRA, i40	81.00	1.00	3.33	398 BF CR S	**2C4357**	4 Cyl.	STD
						1.20	3.15	126 RVT PC GI	**2C435750**		1.25
						2.00	2.54	990 FV CR	**2C4357100**		2.50
								005 FV CR			
G4CM, G4DM, G4JN	1796	4	1996-On	DOHC, 16 Valve, Elantra, G4CM, G4DM, G4JN	81.50	1.20	3.33	398 BF CR S	**2C4770**	4 Cyl.	STD
						1.50	3.23	126 RVT PC GI	**2C4770020**		0.50
						3.00	2.67	997 FV CR	**2C4770030**		0.75
								732 FV CR	**2C4770040**		1.00
G4CN	1796	4	1993-95	G4CN, Elantra EXPORT ONLY	81.50	1.20	3.53	398 BF CR S	**2C5104**	4 Cyl.	STD
						1.50	3.23	126 RVT PC GI	**2C5104020**		0.50
						2.80	2.67	997 FV CR	**2C5104030**		0.75
								732 FV CR	**2C5104040**		1.00
G4GB, G4GF, G4GN, Beta 1.8, G4GF, G4GN, G4GM, G4JP, G4CP, G4GB, G4DM, G4GC	1836	4	1993-95	G4CN Vin:M Elantra, Tiburon	82.00	1.20	3.12	398 BF CR S	**2C4943**	4 Cyl.	STD
	1997		1997-08	G4JP Vin: B,D,F, Elantra, Tiburon		1.20	3.48	610 RVT PC GI	**2C4943010**		0.25
						2.50	2.92	995 FV CR	**2C4943020**		0.50
								732 FV CR	**2C4943030**		0.75
									2C4943040		1.00
G4GF	1975	4	2004-09	DOHC, G4GF Tucson	82.00	1.20	3.12	398 BF CR S	**2C5825**	4 Cyl.	STD
						1.20	3.48	610 RVT PC GI	**2C5825020**		0.50
						2.00	2.92	993 FV CR	**2C5825040**		1.00
								005 FV CR			
	1595	4	1992-95	Elantra, DOHC, 16 Valve, G4CR, G4DR	82.30	1.20	3.33	398 BF CR S	**2C4669**	4 Cyl.	STD
						1.50	3.61	126 RVT PC GI	**2C4669020**		0.50
						3.00	2.79	997 FV CR	**2C4669030**		0.75
								732 FV CR	**2C4669040**		1.00

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
HYUNDAI											
	1905		1998-00	Diesel SOHC DJY, XUD9A	83.00	2.00	3.61	217 BF CR DI	**2C7372**	1 Cyl.	STD
						2.00	3.63	202 TTF PC DI			
						3.00	3.68	204 CF CR DI			
								881 2PCO			
D3EA	1493			Diesel SOHC D3EA	83.00	2.00	3.20	213 FKST CC DI	**2D7468**	1 Cyl.	STD
	1991			Diesel SOHC D4EA		2.00	3.73	223 RVT CR DI			
						3.00	3.33	204 CF CR DI			
								881 2PCO			
	2500	6	1999-01	Sonata	84.00	1.20	3.33	398 BF CR S	**2C4980**	6 Cyl.	STD
						1.20	3.33	126 RVT PC GI	**2C4980020**		0.50
						2.50	2.79	995 FV CR	**2C4980030**		0.75
								732 FV CR	**2C4980040**		1.00
D4HA IX35	1995		2010-On	Diesel DOHC D4HA IX35 Tucson	84.00	2.50	3.15	241 FKST CC DI	**2D7455**	1 Cyl.	STD
						2.00	3.68	214 RVT PC DI			
						3.00	3.33	204 CF CR DI			
								881 2PCO			
G4CP, G4GF	1997	4		G4CP, G4GF	85.00	1.20	3.33	398 BF CR S	**2C4768**	4 Cyl.	STD
						1.50	3.43	126 RVT PC GI	**2C4768010**		0.25
						3.00	2.67	997 FV CR	**2C4768020**		0.50
								732 FV CR	**2C4768030**		0.75
									2C4768040		1.00
									2C4768060		1.50
	2000	4		Stellar	85.00	2.00	3.81	032 BF PC GI	**6171**	4 Cyl.	STD
						2.00	3.45	126 RVT PC GI	**6171020**		0.50
						4.00	3.43	058 FV CR	**6171030**		0.75
								732 FV CR	**6171040**		1.00
									6171060		1.50
								362 BF 3CR GI	**2C6171**		STD
								126 RVT PC GI	**2C6171020**		0.50
								058 FV CR	**2C6171030**		0.75
								732 FV CR	**2C6171040**		1.00
									2C6171060		1.50
G64B	2351	4	1989-93	Sonata, G64B	86.50	1.50	3.45	032 BF PC GI	**4638**	4 Cyl.	STD
						1.50	3.45	126 RVT PC GI	**4638020**		0.50
						4.00	3.68	058 FV CR	**4638030**		0.75
								732 FV CR	**4638040**		1.00
									4638060		1.50
								362 BF 3CR GI	**2C4638**		STD
								126 RVT PC GI	**2C4638010**		0.25
								058 FV CR	**2C4638020**		0.50
								732 FV CR	**2C4638030**		0.75
									2C4638040		1.00
G4JS	2400	4	1999-02	Sonata, G4JS	86.50	1.20	3.33	398 BF CR S	**2C4780**	4 Cyl.	STD
						1.50	3.45	126 RVT PC GI	**2C4780020**		0.50
						2.80	2.79	997 FV CR	**2C4780030**		0.75
								732 FV CR	**2C4780040**		1.00
									2C4780060		1.50
G6BA	2656	6		G6BA DOHC 24V Santa Fe, Sonata, Tiburon	86.68	1.20	3.33	398 BF CR S	**2C5265**	6 Cyl.	STD
						1.20	3.91	610 RVT PC GI	**2C5265020**		0.50
						2.50	3.05	995 FV CR	**2C5265030**		0.75
								732 FV CR	**2C5265040**		1.00
G6BA	2656	6	2006-10	SANTA FE, TIBURON, TUCSON	86.70	1.20	3.33	398 BF CR S	**2C5384**	6 Cyl.	STD
						1.20	3.78	435 SCRP PC GI	**2C538450**		0.50
						2.00	3.05	993 FV CR			
								732 FV CR			
D4EB-F, D4EB-G	2188			Diesel SOHC D4EB-F D4EB-G Santa FE CRDI	87.00	2.50	3.25	222 FKST CC DI	**2D7495**	1 Cyl.	STD
						2.00	4.17	214 RVT PC DI			
						3.00	3.33	204 CF CR DI			
								881 2PCO			
G4KC, G4KJ	2359	4	2006-15	G4KC, G4KJ DOHC Sonata, Tucson	88.00	1.20	3.33	398 BF CR S	**2C5297**	4 Cyl.	STD
						1.20	3.33	126 RVT PC GI	**2C5297020**		0.50
						2.00	2.79	993 FV CR	**2C5297030**		0.75
								005 FV CR	**2C5297040**		1.00

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
HYUNDAI											
D4CD	2497		2002-On	Diesel H100 DOHC D4CD TCi w/Keystone top grv.	91.00	2.50	3.81	211 HKST CC DI	**2C7361**	1 Cyl.	STD
						2.00	3.99	209 RVT PC DI			
						3.00	3.33	204 CF CR DI			
								881 2PCO			
G6AT	2972	6	1990-98	G6AT	91.10	1.50	4.04	032 BF PC GI	**4453**	6 Cyl.	STD
						1.50	4.06	126 RVT PC GI	**4453010**		0.25
						4.00	3.30	870 FV CR	**4453020**		0.50
								732 FV CR	**4453030**		0.75
									4453040		1.00
									4453060		1.50
								335 T PM DI	**2M4453**		STD
								126 RVT PC GI	**2M4453010**		0.25
								870 FV CR	**2M4453020**		0.50
								732 FV CR	**2M4453030**		0.75
									2M4453040		1.00
									2M4453060		1.50
D4BA		4		H100 Diesel, D4BA	91.10	2.00	3.45	336 T PM DI	**2D5042**	4 Cyl.	STD
						2.00	3.99	126 RVT PC GI	**2D504250**		0.50
						3.00	3.23	553 CF CR GI	**2D5042030**		0.75
								881 2PCO			
4D56T, 4D56TDi, D4BF, D4BH, D4BH	2346			4D55T Turbo Diesel w/ Keystone top & 2nd grv.	91.10	2.50	3.96	243 HKST PM DI	**2M7338**	1 Cyl.	STD
	2476		1991-On	8V SOHC Turbo Diesel 4D56T, 4D56TDi, D4BF, D4BH, D4BH TCi w/Keystone top & 2nd grv.		2.00	3.99	235 HKST CR DI	**2M733850**		1.25
						4.00	4.24	204 CF CR DI	**2M7338100**		2.50
								881 2PCO			
4D55, D4BX	2346		1980-86	4D55 Diesel	91.10	2.50	3.96	231 BF PM DI	**2M7379**	1 Cyl.	STD
	2476			8V SOHC D4BX Diesel		2.00	3.99	236 TF CR DI			
						4.00	4.24	204 CF CR DI			
								881 2PCO			
4D55, D4BX	2346		1980-86	4D55 Diesel	91.10	2.00	3.51	226 BF CR DI	**2C7454**	1 Cyl.	STD
	2476			8V SOHC D4BX Diesel		2.00	3.99	218 TF PC DI			
						4.00	4.24	204 CF CR DI			
								881 2PCO			
G6DB	3342	6	2006-12	G6DB V6 Azera, Sonata, Santa Fe	92.00	1.20	3.33	398 BF CR S	**2C5260**	6 Cyl.	STD
	3470		2010-12	G6DC V6 DOHC Santa Fe		1.20	3.81	610 RVT PC GI	**2C5260020**		0.50
						2.00	2.92	991 FV CR	**2C5260030**		0.75
								005 FV CR	**2C5260040**		1.00
G6CU, XG350	3467	6	2002-06	DOHC, G6CU, XG350	93.00	1.50	3.48	032 BF PC GI	**4883**	6 Cyl.	STD
						1.50	3.78	126 RVT PC GI	**4883020**		0.50
						3.00	2.79	997 FV CR	**4883030**		0.75
								732 FV CR	**4883040**		1.00
								327 BF PM GI	**2M4883**		STD
								126 RVT PC GI	**2M4883020**		0.50
								997 FV CR	**2M4883030**		0.75
								732 FV CR	**2M4883040**		1.00
	2500	4	1999-01	Sonata	95.00	1.50	3.56	032 BF PC GI	**4908**	4 Cyl.	STD
						1.50	3.73	126 RVT PC GI	**4908020**		0.50
						4.00	3.30	870 FV CR	**4908040**		1.00
								732 FV CR			
								322 BF GN SS	**2N4908**		STD
								126 RVT PC GI	**2N490825**		0.25
								672 FV GN	**2N490850**		0.50
								708 FV GN			
	3778	6	2006-12	DOHC Azera, Entourage, Genesis, Veracruz	96.00	1.20	3.12	398 BF CR S	**2C4550**	6 Cyl.	STD
						1.20	3.81	610 RVT PC GI	**2C4550020**		0.50
						2.00	2.92	991 FV CR	**2C4550030**		0.75
								005 FV CR	**2C4550040**		1.00
J3	2902		2003-06	Diesel SOHC J3 TCi	97.10	2.00	3.71	232 HKST CR DI	**2C7401**	1 Cyl.	STD
						2.00	4.22	209 RVT PC DI			
						3.00	3.68	204 CF CR DI			
								881 2PCO			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
HYUNDAI											
J3 TCi, J3 CRDi	2902		2003-06	Diesel SOHC J3 TCi, J3 CRDi	97.10	2.50	3.66	211 HKST CC DI	**2D7492**	1 Cyl.	STD
						2.00	4.22	209 RVT PC DI			
						3.00	3.94	204 CF CR DI			
								881 2PCO			
INDIAN											
338TC, 339, 339B, 340, 341 MTC18				74 338TC, 339, 339B, 340, 341 MTC18	82.55	2.25	3.89	032 BF PC GI	**5045**	2 Cyl.	STD
						2.25	3.91	126 RVT PC GI	**5045040**		1.00
						2.25	3.91	126 RVT PC GI	**5045060**		1.50
						4.00	4.39	860 FV CR			
								732 FV CR			
INFINITI											
SR20DE		4	1991-00	SR20D, G20, Infiniti	86.00	1.50	3.45	032 BF PC GI	**4601**	4 Cyl.	STD
						1.50	3.43	126 RVT PC GI	**4601020**		0.50
						3.00	3.81	872 FV CR	**4601030**		0.75
								732 FV CR	**4601040**		1.00
									4601060		1.50
								397 BF PM S	**2M4601**		STD
								126 RVT PC GI	**2M4601010**		0.25
								872 FV CR	**2M4601020**		0.50
								732 FV CR	**2M4601030**		0.75
									2M4601040		1.00
									2M4601060		1.50
VG30DE, VG30E		6	1990-95	VG30E, VG30DE, M30, J30	87.00	1.50	3.33	032 BF PC GI	**6196**	6 Cyl.	STD
						1.50	4.14	126 RVT PC GI	**6196020**		0.50
						2.80	3.30	861 FV CR	**6196030**		0.75
								732 FV CR	**6196040**		1.00
								335 T PM DI	**2M6196**		STD
								126 RVT PC GI	**2M6196020**		0.50
								861 FV CR	**2M6196030**		0.75
								732 FV CR	**2M6196040**		1.00
VH41DE, VK45DE	4130	8	1997-01	VH41DE, Infiniti Q41 Model	93.00	1.50	3.45	335 T PM DI	**2M4892**	8 Cyl.	STD
	4494		1990-04	VH45DE, Infiniti Q45 Model		1.50	3.78	126 RVT PC GI	**2M4892020**		0.50
						2.80	3.18	861 FV CR	**2M4892030**		0.75
								732 FV CR	**2M4892040**		1.00
D4BX	4494	8	2005-On	VK45DE	93.00	1.20	3.33	398 BF CR S	**2C5186**	8 Cyl.	STD
						1.20	3.81	610 RVT PC GI			
						2.50	2.79	995 FV CR			
								732 FV CR			
VQ35DE	3498	6	2001-07	VQ35DE DOHC 24V G35, I35, QX4	95.50	1.20	3.73	398 BF CR S	**2C5112**	6 Cyl.	STD
						1.20	3.81	610 RVT PC GI	**2C5112020**		0.50
						2.50	2.92	995 FV CR	**2C5112030**		0.75
								732 FV CR	**2C5112040**		1.00
VQ35HR, VQ37VHR, VQ35DE	3498	6	2007-14	VQ35HR DOHC EX35, FX35, G35, M35, FX50, M45,	95.50	1.20	3.12	398 BF CR S	**2C5293**	6 Cyl.	STD
	3699		2009-14	VQ37VHR DOHC G37, M37, Journey, Premium, Q70		1.20	3.81	610 RVT PC GI	**2C5293020**		0.50
						2.00	2.92	991 FV CR	**2C5293030**		0.75
								005 FV CR	**2C5293040**		1.00
VK56DE	5552	8	2004-06	VK56DE QX56	98.00	1.50	3.45	032 BF PC GI	**5188**	8 Cyl.	STD
						1.50	4.01	126 RVT PC GI	**5188020**		0.50
						2.50	2.67	995 FV CR	**5188030**		0.75
								732 FV CR	**5188040**		1.00
								327 BF PM GI	**2M5188**		STD
								126 RVT PC GI	**2M5188020**		0.50
								995 FV CR	**2M5188030**		0.75
								732 FV CR	**2M5188040**		1.00
INGERSOLL-RAND											
				242 2 Stage Also Fits 2 1/2" Compressor with 1/8" grvs.	101.60	8.00	4.39	102 T PC GI	**6220**	1 Cyl.	STD
						8.00	5.33	102 T PC GI			
						8.00	5.31	102 T PC GI			
						8.00	5.31	501 1PCO PC GI			
								501 1PCO PC GI			
								501 1PCO PC GI			
								501 1PCO PC GI			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
INGERSOLL-RAND											
				25, 25B, 25C, 25M 2 Stage Fits 5" & 6" Compressor	152.40	19.00	4.85	102 T PC GI	**6257**	1 Cyl.	STD
						19.00	8.43	102 T PC GI			
						19.00	4.52	102 T PC GI			
						19.00	8.20	869 FV CR			
								728 FV CR			
								501 1PCO PC GI			
								501 1PCO PC GI			
INTERNATIONAL											
				198 Diesel Nissan	83.00	2.50	3.53	363 BF CR GI	**2D4391**	2 Cyl.	STD
						2.00	3.35	126 RVT PC GI			
						2.00	3.35	126 RVT PC GI			
						4.50	4.14	553 CF CR GI			
						4.50	3.81	881 2PCO			
								501 1PCO PC GI			
		6		GRD233 31, 41, 51, 122C, 123, 125SP CI Piston	84.14	2.25	3.81	032 BF PC GI	**465**	6 Cyl.	STD
				GRD214, 233, HD213, 232		2.25	3.84	126 RVT PC GI	**465030**		0.75
						2.25	3.84	126 RVT PC GI			
						4.75	1.27	860 FV CR			
								732 FV CR			
FAB241		6		FAB241	85.73	3.18	4.04	362 BF 3CR GI	**2C4070**	6 Cyl.	STD
						3.18	3.89	126 RVT PC GI			
						3.18	3.89	126 RVT PC GI			
						4.75	1.27	860 FV CR			
								732 FV CR			
BLD250		6		BLD250	87.31	2.25	4.11	362 BF 3CR GI	**2C5093**	6 Cyl.	STD
						3.18	3.94	126 RVT PC GI			
						3.18	3.94	126 RVT PC GI			
						4.75	1.27	860 FV CR			
								732 FV CR			
FAB259		6		FAB259 To S/N 12212	88.90	3.18	3.96	362 BF 3CR GI	**2D7670**	6 Cyl.	STD
						3.18	3.66	126 RVT PC GI			
						3.18	3.66	126 RVT PC GI			
						4.75	4.24	553 CF CR GI			
								881 2PCO			
		6		U220, U240 4 Ring Piston	90.49	2.25	4.27	362 BF 3CR GI	**2C5047**	6 Cyl.	STD
				B240, BD269, BLD269 Canada		3.18	4.04	126 RVT PC GI	**2C5047030**		0.75
				BD220, BD240, S220, S240, SD220, SD240		3.18	4.04	126 RVT PC GI			
				FAC269		4.75	4.62	860 FV CR			
								732 FV CR			
		6		BD240 Field Harvester 20C, 36	90.49	2.25	4.27	362 BF 3CR GI	**2C5280**	6 Cyl.	STD
				BD220 101		3.18	4.04	126 RVT PC GI	**2C5280030**		0.75
				BD220 127, 141, 303		4.75	4.62	860 FV CR			
				U220, UB220 3 Ring Piston 302 series				732 FV CR			
				BD220, BD240, BG220, BG241, SD220 3 Ring Piston							
		8		V266	92.08	2.38	4.06	032 BF PC GI	**564**	8 Cyl.	STD
						2.38	4.09	126 RVT PC GI	**564020**		0.50
						4.75	1.27	860 FV CR	**564030**		0.75
								732 FV CR			
								362 BF 3CR GI	**2C564**		STD
								126 RVT PC GI			
								860 FV CR			
								732 FV CR			
		6		U21, PA50	95.25	3.18	3.91	362 BF 3CR GI	**2D5028**	6 Cyl.	STD
				FBB3, FBB223, FBB298		3.18	3.94	126 RVT PC GI			
						3.18	3.94	126 RVT PC GI			
						4.75	4.45	553 CF CR GI			
								881 2PCO			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
INTERNATIONAL											
258 cu. in.		6		6-232,	95.25	2.00	4.47	032 BF PC GI	**656**	6 Cyl.	STD
						2.00	4.50	126 RVT PC GI	**656010**		0.25
						4.75	1.27	860 FV CR	**656020**		0.50
								732 FV CR	**656030**		0.75
									656040		1.00
									656060		1.50
								362 BF 3CR GI	**2C656**		STD
								126 RVT PC GI	**2C656010**		0.25
								860 FV CR	**2C656020**		0.50
								732 FV CR	**2C656030**		0.75
									2C656040		1.00
									2C656060		1.50
								327 BF PM GI	**2M656**		STD
								126 RVT PC GI	**2M656010**		0.25
								860 FV CR	**2M656020**		0.50
								732 FV CR	**2M656030**		0.75
									2M656040		1.00
									2M656060		1.50
		8		UV345, V304, V345	98.43	2.38	4.62	032 BF PC GI	**6302**	8 Cyl.	STD
				V304, E		2.38	3.99	126 RVT PC GI	**6302010**		0.25
				V345, E		4.75	4.88	860 FV CR	**6302020**		0.50
								732 FV CR	**6302030**		0.75
									6302040		1.00
									6302060		1.50
								362 BF 3CR GI	**2C6302**		STD
								126 RVT PC GI	**2C6302020**		0.50
								860 FV CR	**2C6302030**		0.75
								732 FV CR	**2C6302040**		1.00
									2C6302060		1.50
								345 T PM GI	**2M6302**		STD
								126 RVT PC GI	**2M6302030**		0.75
								860 FV CR	**2M6302040**		1.00
								732 FV CR	**2M6302060**		1.50
52T cu. in.		4		152, 1 Scout Comanche	98.43	2.38	4.62	032 BF PC GI	**6353**	4 Cyl.	STD
				4-152, 4-152E		2.38	3.99	126 RVT PC GI	**6353010**		0.25
						4.75	4.88	860 FV CR	**6353020**		0.50
								732 FV CR	**6353030**		0.75
									6353040		1.00
									6353060		1.50
								362 BF 3CR GI	**2C6353**		STD
								126 RVT PC GI	**2C6353010**		0.25
								860 FV CR	**2C6353020**		0.50
								732 FV CR	**2C6353030**		0.75
									2C6353040		1.00
									2C6353060		1.50
420cu. in.		8		Diesel 5/32" Oil Ring Grv.	101.60	2.00	4.78	336 T PM DI	**2D5662**	8 Cyl.	STD
						2.00	4.80	126 RVT PC GI	**2D566225**		0.25
						4.00	4.45	553 CF CR GI	**2D566250**		0.50
								881 2PCO	**2D566275**		0.75
									2D5662100		1.00
420cu. in.		8		Diesel	101.60	2.00	4.78	336 T PM DI	**2D5693**	8 Cyl.	STD
						2.00	4.80	126 RVT PC GI	**2D569325**		0.25
						2.80	3.63	553 CF CR GI	**2D569350**		0.50
								881 2PCO	**2D569375**		0.75
									2D5693100		1.00
									2D5693150		1.50
420cu. in.		8		Diesel Special .060 to .070 gap 2nd ring	101.60	2.00	4.78	336 T PM DI	**2D5697**	8 Cyl.	STD
						2.00	4.80	130 RVT PC GI	**2D569725**		0.25
						2.80	3.63	553 CF CR GI	**2D569750**		0.50
								881 2PCO	**2D569775**		0.75
									2D5697100		1.00
									2D5697150		1.50

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
INTERNATIONAL											
		8		V401 White Mach. Piston #A1173P	104.78	2.25	4.93	363 BF CR GI	**2C579**	8 Cyl.	STD
				V461		2.25	4.95	126 RVT PC GI	**2C579020**		0.50
						2.25	4.95	126 RVT PC GI	**2C579030**		0.75
						4.75	5.00	860 FV CR	**2C579040**		1.00
								732 FV CR	**2C579060**		1.50
		8		461, UV401, V446	104.78	2.25	4.93	363 BF CR GI	**2C6094**	8 Cyl.	STD
				MV404, MV446, V392, E; V461		2.25	4.95	126 RVT PC GI	**2C6094020**		0.50
				V392, V401, VS401		4.75	5.00	860 FV CR	**2C6094030**		0.75
								732 FV CR	**2C6094040**		1.00
									2C6094060		1.50
								327 BF PM GI	**2M6094**		STD
								126 RVT PC GI	**2M6094030**		0.75
								860 FV CR	**2M6094040**		1.00
								732 FV CR	**2M6094060**		1.50
		4		196, 196E	104.78	2.35	4.93	362 BF 3CR GI	**2C6593**	4 Cyl.	STD
						2.35	4.95	126 RVT PC GI	**2C6593020**		0.50
						4.75	5.00	860 FV CR	**2C6593030**		0.75
								732 FV CR	**2C6593040**		1.00
		6		UR450	111.13	2.25	4.70	362 BF 3CR GI	**2C6286**	6 Cyl.	STD
				RD372, 406, 450 Late Piston, Zollner 4063 Piston *		2.25	4.47	126 RVT PC GI			
						4.75	5.08	860 FV CR			
								732 FV CR			
550cu. in.		8		DV550, B, S/N 15828-on, Zollner Piston #4185, 4253, 4288 Zollner Piston #4307C. Use .010 Oversize for	114.30	3.00	4.98	372 FKST CR DI	**2C4305**	8 Cyl.	STD
						2.25	4.85	126 RVT PC GI	**2C4305010**		0.25
						4.75	5.56	565 CF CR GI	**2C4305020**		0.50
								881 2PCO			
		8		UV549	114.30	2.25	5.36	032 BF PC GI	**578**	8 Cyl.	STD
				V549, FTV549 4 Ring Piston		2.25	4.85	126 RVT PC GI			
						2.25	4.85	126 RVT PC GI			
						4.75	5.08	860 FV CR			
								732 FV CR			
								363 BF CR GI	**2C578**		STD
								126 RVT PC GI	**2C578020**		0.50
								126 RVT PC GI	**2C578030**		0.75
								860 FV CR	**2C578040**		1.00
								732 FV CR	**2C578060**		1.50
									2C578080		2.00
		6		U501	114.30	2.25	5.36	363 BF CR GI	**2C6271**	6 Cyl.	STD
				RD501 After May 1957 Diesel		2.25	4.85	126 RVT PC GI	**2C6271020**		0.50
						4.75	5.56	565 CF CR GI			
								881 2PCO			
		8		V478, V549, FTV549, VS478, VS549 3 Ring Piston	114.30	2.25	5.36	032 BF PC GI	**6309**	8 Cyl.	STD
						2.25	4.85	126 RVT PC GI			
						4.75	5.08	860 FV CR			
								732 FV CR			
								363 BF CR GI	**2C6309**		STD
								126 RVT PC GI	**2C6309020**		0.50
								860 FV CR	**2C6309030**		0.75
								732 FV CR	**2C6309040**		1.00
									2C6309060		1.50
INTERNATIONAL-ALSO SEE CASE											
		4		C60, UC60 Engs. 50, 55T, 55W, 56	66.68	2.25	3.35	102 T PC GI	**7859**	4 Cyl.	STD
				C60 52R, 64		2.25	3.15	126 RVT PC GI			
				U1, UC60		4.75	1.27	871 FV CR			
				C60 Cub, Intr. Lo-Boy				732 FV CR			
								362 BF 3CR GI	**2C7859**		STD
								126 RVT PC GI	**2C7859020**		0.50
								871 FV CR	**2C7859030**		0.75
								732 FV CR	**2C7859040**		1.00

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
INTERNATIONAL-ALSO SEE CASE											
		4		P12	76.20	3.18	3.45	362 BF 3CR GI	**2C710**	4 Cyl.	STD
				IHC F12, F14		3.18	3.48	102 T PC GI			
				IHC I12, I14, O12, O14; W12, W14 Late		3.18	3.48	102 T PC GI			
						3.18	3.48	126 RVT PC GI			
						4.75	2.21	501 1PCO PC GI			
								825 2PCO			
		4		C113 50, 55T, 55W, 56 (1/4" Oil Ring)	76.20	3.18	3.45	032 BF PC GI	**727**	4 Cyl.	STD
				C113 22, 64, 76, 81 (1/4" Oil Ring)		3.18	3.48	126 RVT PC GI			
				U2, U2A 1/4" Oil Ring		3.18	3.48	126 RVT PC GI			
				C113 Gas or Dist. A, AV, B, BN; Super A, AV; * Farmall C 1/4" Oil Ring		6.00	4.39	860 FV CR			
								732 FV CR			
								362 BF 3CR GI	**2C727**		STD
								126 RVT PC GI			
								126 RVT PC GI			
								860 FV CR			
								732 FV CR			
		4		C113 50, 55T, 55W, 56 (3/16" Oil Ring)	76.20	3.18	3.45	362 BF 3CR GI	**2C7758**	4 Cyl.	STD
				C113 22, 64, 76, 81 (3/16" Oil Ring)		3.18	3.48	126 RVT PC GI			
				U2, U2A 3/16" Oil Ring		3.18	3.48	126 RVT PC GI			
				C113 Gas or Dist. A, AV, B, BN; Super A, AV; * Farmall C 3/16" Oil Ring		4.75	1.27	871 FV CR			
								732 FV CR			
		4		C113 Engine M & W Sleeve Kit Superior Piston #A1018 McQuay Norris Sleeve Kit #SA177 M & W Sleeve Kit Sealed Power #SP9	79.38	3.18	3.76	362 BF 3CR GI	**2C7543**	4 Cyl.	STD
						3.18	3.78	126 RVT PC GI			
						3.18	3.78	126 RVT PC GI			
						6.00	4.62	860 FV CR			
								732 FV CR			
		4		C123 Gas 50, 55T, 55W, 56, 57T, 57W	79.38	2.25	3.76	362 BF 3CR GI	**2C7696**	4 Cyl.	STD
				C123 Gas 76, 81		2.25	3.78	126 RVT PC GI			
				U123		6.00	4.62	860 FV CR			
				C123 Gas 100, 130, 140, 200, 230, 240, * Super C				732 FV CR			
		4		C123 Dist. or Kero. 100, 130, 140, 200, 240, Super A1, Super C	79.38	2.25	3.76	362 BF 3CR GI	**2C7724**	4 Cyl.	STD
						2.25	3.78	126 RVT PC GI			
						2.25	3.78	126 RVT PC GI			
						6.00	4.39	860 FV CR			
								732 FV CR			
		4		C113 Engine M & W Sleeve Kit Superior Piston #A1018 McQuay Norris Sleeve Kit #SA177 M & W Sleeve Kit Sealed Power #SP9	79.38	2.25	3.76	362 BF 3CR GI	**2C7799**	4 Cyl.	STD
						2.25	3.78	126 RVT PC GI			
						2.25	3.78	126 RVT PC GI			
						4.75	1.27	860 FV CR			
								732 FV CR			
		4		C123 100, 200, Super A1, Super C	80.96	2.25	3.71	032 BF PC GI	**4123**	4 Cyl.	STD
						2.25	3.23	126 RVT PC GI			
						6.00	4.39	860 FV CR			
								732 FV CR			
								362 BF 3CR GI	**2C4123**		STD
								126 RVT PC GI			
								860 FV CR			
								732 FV CR			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
INTERNATIONAL-ALSO SEE CASE											
		4		C123 Engine M & W Sleeve Kit Genuine Sleeve Kit Power Pkg. Kit Allied Sleeve Kit #WSA225 Basic Sleeve Kit #BA157, 159, 160 Permite Sleeve Kit #CSA255 Sealed Power Sleeve Kit #SL1814	80.96	2.25	3.71	362 BF 3CR GI	**2C7564**	4 Cyl.	STD
						2.25 2.25 4.75	3.23 3.23 1.27	126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR			
		4		C123 Engine M & W Sleeve Kit Genuine Sleeve Kit Power Pkg. Kit Allied Sleeve Kit #WSA225 Basic Sleeve Kit #BA157, 159, 160 Permite Sleeve Kit #CSA255 Sealed Power Sleeve Kit #SL1814	80.96	2.25	3.71	362 BF 3CR GI	**2C7698**	4 Cyl.	STD
						2.25 6.00	3.23 4.39	126 RVT PC GI 860 FV CR 732 FV CR			
		4		C123 Engine M & W Sleeve Kit Genuine Sleeve Kit Power Pkg. Kit Allied Sleeve Kit #WSA225 Basic Sleeve Kit #BA157, 159, 160 Permite Sleeve Kit #CSA255 Sealed Power Sleeve Kit #SL1814	82.55	2.38	3.89	032 BF PC GI	**4215**	4 Cyl.	STD
						2.38 2.38 4.75	3.91 3.91 4.39	126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	**4215020** **4215040**		0.50 1.00
								362 BF 3CR GI	**2C4215**		STD
								126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR			
				K241 Kohler Cub Cadet	82.55	2.25	3.89	032 BF PC GI	**6535**	1 Cyl.	STD
						2.25 4.75	3.91 1.27	401 SCRP PC GI 860 FV CR 732 FV CR			
								362 BF 3CR GI	**2C6535**		STD
								401 SCRP PC GI 860 FV CR 732 FV CR			
		4		C123 Engine M & W Sleeve Kit Genuine Sleeve Kit Power Pkg. Kit Allied Sleeve Kit #WSA225 Basic Sleeve Kit #BA157, 159, 160 Permite Sleeve Kit #CSA255 Sealed Power Sleeve Kit #SL1814	82.55	2.25	3.89	032 BF PC GI	**7584**	4 Cyl.	STD
						2.25 2.25 4.75	3.91 3.91 1.27	126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR			
								362 BF 3CR GI	**2C7584**		STD
								126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR			
		4		C135 Gas 91	82.55	2.25	3.89	032 BF PC GI	**7689**	4 Cyl.	STD
				C135 Gas T5, T340 Crawler UC135, UC135B C135 Gas 330, 340		2.25 4.75	3.91 1.27	126 RVT PC GI 860 FV CR 732 FV CR			
				C135 404, 2404				362 BF 3CR GI	**2C7689**		STD
								126 RVT PC GI 860 FV CR 732 FV CR			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
INTERNATIONAL-ALSO SEE CASE											
		4		C153 93	85.73	2.25	4.04	362 BF 3CR GI	**2C7144**	4 Cyl.	STD
				C153 203 C153 Gas 2444, 2500, 3514 UC153, U157 C146 Gas , C157 424, 444, 504, 2424, 2444		2.25 4.75	4.06 1.27	126 RVT PC GI 860 FV CR 732 FV CR	**2C7144020**		0.50
		4		C152 122	85.73	3.18	4.04	362 BF 3CR GI	**2C726**	4 Cyl.	STD
				I4, IU4, U4, 122HT C152 H, HV, I4, IU4, O4, OS4, W4		4.00 4.00 6.00	3.89 3.89 4.39	102 T PC GI 401 SCRP PC GI 860 FV CR 732 FV CR			
		4		H	85.73	2.25	4.04	362 BF 3CR GI	**2C7558**	4 Cyl.	STD
						2.25 2.25 6.00	4.06 4.06 4.39	126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR			
		4		C152 Engine * International Model H Kit M & W Sleeve Kit #SP4, 5 Superior Piston #A1019 Allied Sleeve Kit #WSA302, 303 Ertel Sleeve Kit #SA209, 210 Genuine Kit #S161, 164, 168 Sterling Piston M & W Sleeve Kit #SP70, 71, 72 International Model H Kit Power Pkg. Increased Bore Kit Kerosene	87.31	2.38	3.61	032 BF PC GI	**5669**	4 Cyl.	STD
						2.38 2.38 6.00	4.14 4.14 4.50	126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	**5669020** **5669040** **5669060**		0.50 1.00 1.50
								362 BF 3CR GI	**2C5669**		STD
								126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR			
		4		C152 Engine * International Model H Kit M & W Sleeve Kit #SP4, 5 Superior Piston #A1019 Allied Sleeve Kit #WSA302, 303 Ertel Sleeve Kit #SA209, 210 Genuine Kit #S161, 164, 168 Sterling Piston M & W Sleeve Kit #SP70, 71, 72 International Model H Kit Power Pkg. Increased Bore Kit Kerosene	87.31	2.25	4.11	362 BF 3CR GI	**2C7585**	4 Cyl.	STD
						2.25 2.25 4.75 4.75	4.14 4.14 1.27 4.14	126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR 501 1PCO PC GI			
		4		C152 Engine * International Model H Kit M & W Sleeve Kit #SP4, 5 Superior Piston #A1019 Allied Sleeve Kit #WSA302, 303 Ertel Sleeve Kit #SA209, 210 Genuine Kit #S161, 164, 168 Sterling Piston M & W Sleeve Kit #SP70, 71, 72 International Model H Kit Power Pkg. Increased Bore Kit Kerosene	87.31	2.25	4.11	362 BF 3CR GI	**2C7681**	4 Cyl.	STD
						2.25 2.25 6.00	4.14 4.14 4.50	126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
INTERNATIONAL-ALSO SEE CASE											
		4		C152 Engine * International Model H Kit M & W Sleeve Kit #SP4, 5 Superior Piston #A1019 Allied Sleeve Kit #WSA302, 303 Ertel Sleeve Kit #SA209, 210 Genuine Kit #S161, 164, 168 Sterling Piston M & W Sleeve Kit #SP70, 71, 72 International Model H Kit Power Pkg. Increased Bore Kit Kerosene	87.31	2.25	4.11	362 BF 3CR GI	**2C7790**	4 Cyl.	STD
						2.25	4.14	126 RVT PC GI			
						3.18	3.94	126 RVT PC GI			
						6.00	4.50	860 FV CR			
								732 FV CR			
		4		BD154 500 Crawler, 2424, 2444D	88.90	2.25	3.63	362 BF 3CR GI	**2D7165**	4 Cyl.	STD
				BD154 Diesel 3414, 3444D		2.25	3.99	126 RVT PC GI			
				Perk. BD154 Diesel B414, 444D, 2444D, * 3444D		2.25	3.99	126 RVT PC GI			
						4.75	4.24	553 CF CR GI			
						4.75	3.99	881 2PCO			
								501 1PCO PC GI			
		4		C164 Gas 140	88.90	2.25	4.19	362 BF 3CR GI	**2C7503**	4 Cyl.	STD
				U164		2.25	3.99	126 RVT PC GI			
				C164 Gas Super H, HV, W4		2.25	3.99	126 RVT PC GI			
						6.00	4.62	860 FV CR			
								732 FV CR			
		4		C169 Gas or LPG 140	90.49	2.25	4.27	362 BF 3CR GI	**2C7547**	4 Cyl.	STD
				U169		2.25	3.68	126 RVT PC GI			
				C169 Gas or LPG 300 Series		2.25	3.68	126 RVT PC GI			
				C152 Engine * International Model H Kit M & W Sleeve Kit #SP4, 5 Superior Piston #A1019 Allied Sleeve Kit #WSA302, 303 Ertel Sleeve Kit #SA209, 210 Genuine Kit #S161, 164, 168 Sterling Piston M & W Sleeve Kit #SP70, 71, 72 International Model H Kit Power Pkg. Increased Bore Kit Kerosene		6.00	4.62	860 FV CR			
								732 FV CR			
		6		C221 205, 303, 315	90.49	2.25	4.27	362 BF 3CR GI	**2C7687**	6 Cyl.	STD
				C263 403		2.25	3.68	126 RVT PC GI			
				C221 Gas or LPG T6		6.00	4.62	860 FV CR			
				C221 Gas 3616				732 FV CR			
				C263 Gas or LPG T6-62 Series 2656							
				UC221, C263							
				C221 Gas or LPG 460, 606, 656, 2606							
				C263 Gas or LPG 560, 656 Series, 660, 2656, 2706							
		6		T35, TA40	92.08	3.18	3.84	362 BF 3CR GI	**2C4008**	6 Cyl.	STD
				IA40, WA40		3.18	3.86	126 RVT PC GI			
						3.18	3.86	126 RVT PC GI			
						4.75	1.27	860 FV CR			
								732 FV CR			
		4		C175 Gas or LPG 140	92.08	2.25	4.32	362 BF 3CR GI	**2C7677**	4 Cyl.	STD
				U175, 350 Utility		2.25	4.09	126 RVT PC GI			
				C175 Gas or LPG 300, 350		2.25	4.09	126 RVT PC GI			
				C169 Dist. or Gas Engine Power Package Overbore		6.00	4.62	860 FV CR			
				C175 Dist., Gas or LPG Engine 350 Series, 1300, 1350 Power Package--350 Conversion--300 Allied Sleeve Kit #WSA268, 269, 317 McQuay Norris Sleeve Kit #SA228, 229 Perfect Circle Sleeve Kit #WSA268, 269, 317				732 FV CR			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
INTERNATIONAL-ALSO SEE CASE											
				D166 TD340 Crawler	93.66	3.00	4.11	394 HKST CR DI	**2D7114**	2 Cyl.	STD
				D188 Diesel 2444, 2500 , 3514		3.18	4.14	126 RVT PC GI			
				D282 TD6, TD6-62, 2656D, TD9-92 1/8" Half Keystone Top Ring		6.35	4.75	553 CF CR GI			
				DT282 TD9B				881 2PCO			
				UD166 1/8" Half Keystone Top Ring							
				UD236, UD282 1/8" Half Keystone Top Ring							
				D166 Diesel 340							
				D188 504, 504D, 2504, 2504D							
				D236 460D, 606, 2606, 3616D 1/8" Half Keystone Top Ring							
				D282 560D. 656D, 660D, 706, 2656D, 2706 * 1/8" Half Keystone Top Ring							
		6		C282 503, 403 Hillside	93.66	2.25	4.42	363 BF CR GI	**2C7190**	6 Cyl.	STD
						2.25	4.45	126 RVT PC GI			
						6.00	4.62	860 FV CR			
								732 FV CR			
		6		UC301 Gas or LPG 806, 2806 After #4996	96.84	3.18	4.55	362 BF 3CR GI	**2C7193**	6 Cyl.	STD
						2.25	4.24	126 RVT PC GI	**2C7193020**		0.50
						6.00	4.88	860 FV CR	**2C7193060**		1.50
								732 FV CR			
		4		C200	96.84	3.18	4.55	362 BF 3CR GI	**2C7220**	4 Cyl.	STD
				C200 544, 2544		2.25	4.24	126 RVT PC GI	**2C7220020**		0.50
						6.00	4.88	860 FV CR	**2C7220060**		1.50
								732 FV CR			
		4		D239, DT239, 544, I544, 574 Engs.	98.43	3.00	4.29	372 FKST CR DI	**2C5319**	4 Cyl.	STD
						2.25	3.99	126 RVT PC GI			
						4.75	4.88	860 FV CR			
								732 FV CR			
		4		206D	98.43	3.00	4.29	372 FKST CR DI	**2C5559**	4 Cyl.	STD
						3.18	4.32	126 RVT PC GI			
						3.18	4.32	126 RVT PC GI			
						4.75	5.56	565 CF CR GI			
								881 2PCO			
		6		D310 666, 706, 756 4 Ring Piston	98.43	3.00	4.29	372 FKST CR DI	**2C7197**	6 Cyl.	STD
						3.18	4.32	126 RVT PC GI			
						3.18	4.32	126 RVT PC GI			
						4.75	5.56	565 CF CR GI			
								881 2PCO			
		6		D312, D360, DT360	98.43	3.00	4.29	372 FKST CR DI	**2C7217**	6 Cyl.	STD
				D310, D312, D358, DT358, D360, DT360 Engs. 3 Ring Piston		2.25	3.99	126 RVT PC GI			
						4.75	4.88	860 FV CR			
								732 FV CR			
		6		Herc. G3400 SPH908 Hillside	101.60	2.50	4.78	363 BF CR GI	**2C4231**	6 Cyl.	STD
						3.18	4.11	126 RVT PC GI			
						4.75	4.88	860 FV CR			
						4.75	4.37	732 FV CR			
								501 1PCO PC GI			
		4		D248, D264 Engine M & W Sleeve Kit #SP14	101.60	2.25	4.78	362 BF 3CR GI	**2C7643**	4 Cyl.	STD
						2.25	4.80	126 RVT PC GI			
						3.18	4.11	126 RVT PC GI			
						6.00	4.88	860 FV CR			
						6.35	4.24	732 FV CR			
								501 1PCO PC GI			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
INTERNATIONAL-ALSO SEE CASE											
				C248 Engine M & W Sleeve Kit #SP60, SP61, SP62 McQuay Norris Sleeve Kit #AS162, 173, 241	101.60	2.25	4.78	362 BF 3CR GI	**2C7654**	2 Cyl.	STD
						2.25	4.80	126 RVT PC GI			
						2.25	4.80	126 RVT PC GI			
						6.00	4.88	860 FV CR			
								732 FV CR			
		4		C264 Gas or LPG T6-61	101.60	2.50	4.78	363 BF CR GI	**2C7795**	4 Cyl.	STD
				U264 Late Piston		2.25	4.42	126 RVT PC GI			
				C264 Gas or LPG Super M, M, M-TA, MV, W6 *		2.25	4.42	126 RVT PC GI			
				C248 Engine M & W Sleeve Kit Power Pkg. Increased Bore Kit Superior Piston #A1011 Sealed Power Sleeve Kit #SL1741		6.00	4.88	860 FV CR			
								732 FV CR			
		4		IHC Super M, W6 Sterling Piston	101.60	2.25	4.78	362 BF 3CR GI	**2C7796**	4 Cyl.	STD
						2.25	4.42	126 RVT PC GI			
						2.25	4.42	126 RVT PC GI			
						6.00	4.88	860 FV CR			
						6.35	4.24	732 FV CR			
								501 1PCO PC GI			
		4		C248 Engine M & W Sleeve Kit #SP60, SP61, SP62 McQuay Norris Sleeve Kit #AS162, 173, 241	101.60	2.50	4.78	363 BF CR GI	**2C7997**	4 Cyl.	STD
						2.25	4.80	126 RVT PC GI			
						3.18	4.11	126 RVT PC GI			
						6.00	4.88	860 FV CR			
								732 FV CR			
		4		C264 Engine M & W Sleeve Kit Sealed Power #SL1758, 1761 Super M, MV White Machine Kit #G271H, Super M, 400 Basic Sleeve Kit #BA163, 164 Ertel Sleeve Kit #SA217 Genuine Parts Sleeve Kit #S171, 173 McQuay Norris Sleeve Kit #SA172, 244, 252	104.78	2.25	4.93	363 BF CR GI	**2C7553**	4 Cyl.	STD
						3.18	4.52	126 RVT PC GI			
						3.18	4.52	126 RVT PC GI			
						4.75	5.00	860 FV CR			
								732 FV CR			
		4		C281 Gas or LPG 400, 450, W450	104.78	2.25	4.93	363 BF CR GI	**2C7580**	4 Cyl.	STD
				C281 Super M, M, MTA, MV, W6		2.25	4.52	126 RVT PC GI			
				C264 Engine M & W Sleeve Kit Sealed Power #SL1758, 1761 Super M, MV White Machine Kit #G271H, Super M, 400 Basic Sleeve Kit #BA163, 164 Ertel Sleeve Kit #SA217 Genuine Parts Sleeve Kit #S171, 173 McQuay Norris Sleeve Kit #SA172, 244, 252		2.25	4.52	126 RVT PC GI			
						6.00	5.00	860 FV CR			
								732 FV CR			
		4		C264 Engine M & W Sleeve Kit Sealed Power #SL1758, 1761 Super M, MV White Machine Kit #G271H, Super M, 400 Basic Sleeve Kit #BA163, 164 Ertel Sleeve Kit #SA217 Genuine Parts Sleeve Kit #S171, 173 McQuay Norris Sleeve Kit #SA172, 244, 252	104.78	2.25	4.93	363 BF CR GI	**2C7794**	4 Cyl.	STD
						2.25	4.95	126 RVT PC GI			
						3.18	4.52	126 RVT PC GI			
						6.00	5.00	860 FV CR			
								732 FV CR			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
ISETTA											
				Isetta, 300	72.00	2.00	3.38	102 T PC GI	**5998**	1 Cyl.	STD
						2.00	3.40	102 T PC GI			
						2.50	3.10	401 SCRP PC GI			
						4.00	3.56	058 FV CR			
								732 FV CR			
ISUZU-JAPANESE											
4EC1	1487	4		4EC1, Gemini	76.00	2.00	3.20	362 BF 3CR GI	**2C4751**	4 Cyl.	STD
						1.50	3.23	435 SCRP PC GI	**2C4751020**		0.50
						3.00	3.18	054 FV CR	**2C4751030**		0.75
								732 FV CR	**2C4751040**		1.00
4XC1	1471	4	1985-89	4XC1, OHC, 2 Ring Piston	77.00	1.50	3.30	032 BF PC GI	**4241**	4 Cyl.	STD
						2.80	3.30	861 FV CR	**4241020**		0.50
								732 FV CR	**4241030**		0.75
									4241040		1.00
								335 T PM DI	**2M4241**		STD
								861 FV CR	**2M4241020**		0.50
								732 FV CR	**2M4241030**		0.75
									2M4241040		1.00
4XC1-H, 4XC1-T	1471	4	1985-89	4XC1-H, 4XC1-T Turbo	77.00	1.20	3.33	398 BF CR S	**2C4646**	4 Cyl.	STD
						1.20	3.48	610 RVT PC GI	**2C4646020**		0.50
						2.80	3.30	861 FV CR	**2C4646030**		0.75
								732 FV CR	**2C4646040**		1.00
	1686	4		Diesel Turbo	79.00	2.00	3.40	032 BF PC GI	**4758**	4 Cyl.	STD
						1.50	3.43	126 RVT PC GI	**4758020**		0.50
						3.00	3.30	054 FV CR			
								732 FV CR			
								335 T PM DI	**2D4758**	4 Cyl.	STD
								126 RVT PC GI	**2D475850**		0.50
								054 FV CR	**2D4758100**		1.00
								732 FV CR			
4EE	1686			Diesel Turbo 4EE incl/Turbo DOHC w/2pc oil ring	79.00	2.00	2.90	217 BF CR DI	**2C7424**	1 Cyl.	STD
						1.50	3.48	218 TF PC DI			
						3.00	3.68	204 CF CR DI			
								881 2PCO			
4XE1, 4XE1W, 4XF1	1588	4	1988-93	4XE1	80.00	1.20	3.33	398 BF CR S	**2C4647**	4 Cyl.	STD
	1809		1992-93	4XF1		1.20	3.20	610 RVT PC GI	**2C4647020**		0.50
						3.00	3.18	054 FV CR	**2C4647030**		0.75
								732 FV CR	**2C4647040**		1.00
G161, G161AB, PR50, PA20, PA20Y	1584	4		G161, G161AB Engs. Bellet PR50, Florian PA20, PA20Y	82.00	2.00	3.86	032 BF PC GI	**4294**	4 Cyl.	STD
						2.00	3.25	126 RVT PC GI	**4294020**		0.50
						4.00	4.24	056 FV CR	**4294030**		0.75
								732 FV CR	**4294040**		1.00
									4294060		1.50
								362 BF 3CR GI	**2C4294**		STD
								126 RVT PC GI	**2C4294010**		0.25
								056 FV CR	**2C4294020**		0.50
								732 FV CR	**2C4294030**		0.75
									2C4294040		1.00
									2C4294060		1.50
								327 BF PM GI	**2M4294**		STD
								126 RVT PC GI			
								056 FV CR			
								732 FV CR			
G161-2 KB26	1584	4		G161-2 KB26	82.00	1.50	3.86	032 BF PC GI	**4301**	4 Cyl.	STD
						1.50	3.25	126 RVT PC GI	**4301020**		0.50
						4.00	3.18	058 FV CR	**4301030**		0.75
								732 FV CR	**4301040**		1.00
									4301060		1.50
								327 BF PM GI	**2M4301**		STD
								126 RVT PC GI	**2M4301020**		0.50
								058 FV CR	**2M4301030**		0.75
								732 FV CR	**2M4301040**		1.00
									2M4301060		1.50

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
ISUZU-JAPANESE											
4ZA1	1600	4		4ZA1	82.00	1.50	3.23	362 BF 3CR GI	**2C4926**	4 Cyl.	STD
						1.50	3.25	126 RVT PC GI	**2C4926020**		0.50
						4.00	3.18	058 FV CR	**2C4926030**		0.75
								732 FV CR	**2C4926040**		1.00
4ZB1, 4FC1	1817	4	1982-84	110 cu. in., 4ZB1, 4FC1	84.00	1.50	3.20	032 BF PC GI	**4217**	4 Cyl.	STD
						1.50	3.73	126 RVT PC GI	**4217010**		0.25
						4.00	3.43	058 FV CR	**4217020**		0.50
								732 FV CR	**4217030**		0.75
									4217040		1.00
									4217060		1.50
								336 T PM DI	**2M4217**		STD
								126 RVT PC GI	**2M4217010**		0.25
								058 FV CR	**2M4217020**		0.50
								732 FV CR	**2M4217030**		0.75
									2M4217040		1.00
G180Z, S, SS	1817	4	1973-85	110.8 cu. in., G180Z, S, SS	84.00	2.00	3.99	032 BF PC GI	**4247**	4 Cyl.	STD
						2.00	3.84	126 RVT PC GI	**4247020**		0.50
						4.00	3.43	058 FV CR	**4247030**		0.75
								732 FV CR	**4247040**		1.00
									4247060		1.50
								362 BF 3CR GI	**2C4247**		STD
								126 RVT PC GI	**2C4247010**		0.25
								058 FV CR	**2C4247020**		0.50
								732 FV CR	**2C4247030**		0.75
									2C4247040		1.00
									2C4247060		1.50
4FB1	1817	4	1981-85	Diesel 4FB1	84.00	2.50	3.81	376 BF CR DI	**2D6161**	4 Cyl.	STD
						2.00	3.84	352 RVT 3CR GI	**2D616125**		0.25
						4.00	3.84	553 CF CR GI	**2D616150**		0.50
								881 2PCO	**2D616175**		0.75
									2D6161100		1.00
									2D6161150		1.50
F22B6	2156	4	1996-98	Oasis, F22B6	85.00	1.20	3.33	398 BF CR S	**2C4654**	4 Cyl.	STD
						1.20	3.35	610 RVT PC GI	**2C4654010**		0.25
						2.80	3.30	861 FV CR	**2C4654020**		0.50
								732 FV CR	**2C4654030**		0.75
									2C4654040		1.00
G201	1951	4		G201	86.00	2.50	4.04	362 BF 3CR GI	**2C4371**	4 Cyl.	STD
						2.50	4.06	401 SCRP PC GI			
						5.00	4.50	860 FV CR			
								732 FV CR			
C240	1951	4		C190	86.00	2.50	4.04	362 BF 3CR GI	**2D4390**	4 Cyl.	STD
	2369			C240 For Cast Iron Liners		2.00	3.89	401 SCRP PC GI	**2D4390010**		0.25
						4.00	3.78	860 FV CR			
								732 FV CR			
X22SE	2200	4	1998-00	X22SE, Rodeo	86.00	1.50	3.45	032 BF PC GI	**4601**	4 Cyl.	STD
						1.50	3.43	126 RVT PC GI	**4601020**		0.50
						3.00	3.81	872 FV CR	**4601030**		0.75
								732 FV CR	**4601040**		1.00
									4601060		1.50
								397 BF PM S	**2M4601**		STD
								126 RVT PC GI	**2M4601010**		0.25
								872 FV CR	**2M4601020**		0.50
								732 FV CR	**2M4601030**		0.75
									2M4601040		1.00
									2M4601060		1.50
X22SE	2198	4	2001-04	X22SE, Rodeo, DOHC	86.00	1.20	3.12	398 BF CR S	**2C4703**	4 Cyl.	STD
						1.50	3.43	126 RVT PC GI	**2C4703020**		0.50
						2.50	2.79	995 FV CR	**2C4703030**		0.75
								732 FV CR	**2C4703040**		1.00

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
ISUZU-JAPANESE											
ZNG200	2000	4	1983-86	ZNG200 Impulse	87.00	1.50	3.61	335 T PM DI	**2M4207**	4 Cyl.	STD
						1.50	3.63	102 T PC GI	**2M4207010**		0.25
						4.00	3.43	058 FV CR	**2M4207020**		0.50
								732 FV CR	**2M4207030**		0.75
									2M4207040		1.00
									2M4207060		1.50
								398 BF CR S	**2N4207**		STD
								126 RVT PC GI			
								672 FV GN			
								708 FV GN			
G200Z	1949	4	1983-87	G200Z	87.00	1.50	3.61	102 T PC GI	**6149**	4 Cyl.	STD
						1.50	3.94	102 T PC GI	**6149010**		0.25
						4.00	3.43	058 FV CR	**6149020**		0.50
								732 FV CR	**6149030**		0.75
									6149040		1.00
									6149060		1.50
								362 BF 3CR GI	**2C6149**		STD
								102 T PC GI	**2C6149010**		0.25
								058 FV CR	**2C6149020**		0.50
								732 FV CR	**2C6149030**		0.75
									2C6149040		1.00
								327 BF PM GI	**2M6149**		STD
								102 T PC GI	**2M6149010**		0.25
								058 FV CR	**2M6149020**		0.50
								732 FV CR	**2M6149030**		0.75
									2M6149040		1.00
G200Z	1900	4	1982	G200Z	87.00	2.00	3.61	032 BF PC GI	**6157**	4 Cyl.	STD
						2.00	3.94	126 RVT PC GI	**6157020**		0.50
						4.00	3.68	056 FV CR	**6157030**		0.75
								732 FV CR	**6157040**		1.00
									6157060		1.50
								362 BF 3CR GI	**2C6157**		STD
								126 RVT PC GI	**2C6157020**		0.50
								056 FV CR	**2C6157030**		0.75
								732 FV CR	**2C6157040**		1.00
								327 BF PM GI	**2M6157**		STD
								126 RVT PC GI	**2M6157020**		0.50
								056 FV CR	**2M6157030**		0.75
								732 FV CR	**2M6157040**		1.00
4ZC1	2238	4	1983-On	Diesel 223, 4ZC1 Chrome Sleeves use 4212 only	88.00	2.00	3.61	103 T PC DI	**4212**	4 Cyl.	STD
						2.00	3.63	401 SCRP PC GI	**4212010**		0.25
						4.00	3.84	501 1PCO PC GI			
								825 2PCO			
								362 BF 3CR GI	**2D4212**	4 Cyl.	STD
								401 SCRP PC GI	**2D421225**		0.25
								553 CF CR GI	**2D421250**		0.50
								881 2PCO	**2D421275**		0.75
									2D4212100		1.00
4ZC1 Turbo	1994	4	1985-89	4ZC1 Turbo	88.00	1.50	3.61	362 BF 3CR GI	**2C4365**	4 Cyl.	STD
						1.50	3.63	126 RVT PC GI	**2C4365020**		0.50
						4.00	3.05	856 FV CR	**2C4365030**		0.75
								732 FV CR	**2C4365040**		1.00
									2C4365060		1.50
	2238	4	1986-87	Diesel C223T Turbo	88.00	2.50	4.14	376 BF CR DI	**2D4380**	4 Cyl.	STD
						2.00	3.96	126 RVT PC GI	**2D4380030**		0.75
						4.00	4.04	553 CF CR GI	**2D4380060**		1.50
								881 2PCO			
	2238	4	1981-83	Diesel C223	88.00	2.50	4.14	376 BF CR DI	**2D6158**	4 Cyl.	STD
						2.00	3.96	126 RVT PC GI	**2D615850**		0.50
						4.50	4.24	553 CF CR GI	**2D615875**		0.75
								881 2PCO	**2D6158100**		1.00

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
ISUZU-JAPANESE											
	3097	6	1991-93	Rodeo	89.00	1.50	3.38	032 BF PC GI	**4456**	6 Cyl.	STD
						1.50	4.01	126 RVT PC GI	**4456010**		0.25
						4.00	1.27	872 FV CR	**4456020**		0.50
								732 FV CR	**4456030**		0.75
									4456040		1.00
									4456060		1.50
								397 BF PM S	**2M4456**		STD
								126 RVT PC GI	**2M4456010**		0.25
								872 FV CR	**2M4456020**		0.50
								732 FV CR	**2M4456030**		0.75
									2M4456040		1.00
									2M4456060		1.50
	2827	6	1989-91	Trooper	89.00	1.50	3.38	032 BF PC GI	**6194**	6 Cyl.	STD
						2.00	3.99	126 RVT PC GI	**6194020**		0.50
						4.75	3.81	872 FV CR	**6194030**		0.75
								732 FV CR	**6194040**		1.00
									6194060		1.50
								397 BF PM S	**2M6194**		STD
								126 RVT PC GI	**2M6194010**		0.25
								872 FV CR	**2M6194020**		0.50
								732 FV CR	**2M6194030**		0.75
									2M6194040		1.00
									2M6194060		1.50
LN2	2197	4	1996-99	Hombre LN2	89.00	1.50	3.38	032 BF PC GI	**6209**	4 Cyl.	STD
						1.50	4.01	126 RVT PC GI	**6209010**		0.25
						3.00	1.27	872 FV CR	**6209020**		0.50
								005 FV CR	**6209030**		0.75
									6209040		1.00
									6209060		1.50
								397 BF PM S	**2M6209**		STD
								126 RVT PC GI	**2M6209020**		0.50
								872 FV CR	**2M6209030**		0.75
								005 FV CR	**2M6209040**		1.00
									2M6209060		1.50
4ZD1	2254	4	1986-93	4ZD-1	89.30	1.50	3.63	032 BF PC GI	**4603**	4 Cyl.	STD
						1.50	3.66	126 RVT PC GI	**4603010**		0.25
						4.00	3.30	058 FV CR	**4603020**		0.50
								732 FV CR	**4603030**		0.75
									4603040		1.00
									4603060		1.50
								363 BF CR GI	**2C4603**		STD
								126 RVT PC GI	**2C4603010**		0.25
								058 FV CR	**2C4603020**		0.50
								732 FV CR	**2C4603030**		0.75
									2C4603040		1.00
									2C4603060		1.50
								322 BF GN SS	**2N4603**		STD
								123 RVT PC DI	**2N460350**		0.50
								672 FV GN	**2N460375**		0.75
								708 FV GN	**2N4603100**		1.00
								708 FV GN			
4ZE1	2559	4	1986-97	4ZE1 Pickup, 156cu.in. Trooper II, Amigo	92.60	1.50	3.84	032 BF PC GI	**4637**	4 Cyl.	STD
						1.50	4.34	126 RVT PC GI	**4637020**		0.50
						4.00	3.43	870 FV CR	**4637030**		0.75
								732 FV CR	**4637040**		1.00
								335 T PM DI	**2M4637**		STD
								126 RVT PC GI	**2M4637010**		0.25
								870 FV CR	**2M4637020**		0.50
								732 FV CR	**2M4637030**		0.75
									2M4637040		1.00
									2M4637060		1.50
4JB1T, 4JA1	2499	4		Diesel, 4JA-1, 4JB-1, KBD 23, KBD 28 TFR 54, TFS 54 Chrome Sleeve use 5057 only	93.00	2.00	4.34	363 BF CR GI	**2D5057**	4 Cyl.	STD
						2.00	4.11	126 RVT PC GI			
						4.00	4.14	553 CF CR GI			
								881 2PCO			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
ISUZU-JAPANESE											
	2499		1983-90	Diesel 4JA1 Chrome Sleeves use 7384 only	93.00	2.00	4.06	252 BF PC GI	**7384**	1 Cyl.	STD
			1985-03	8V OHV 4JB1, 4JB1-T Turbo Diesel Chrome Sleeves use 7384 only		2.00	4.09	218 TF PC DI			
						4.00	4.19	200 CF PC GI 881 2PCO			
								217 BF CR DI	**2C7384**		STD
								218 TF PC DI 204 CF CR DI 881 2PCO			
6VE1,	3494	6	2005-08	6VE1	93.40	1.20	3.53	398 BF CR S	**2C4571**	6 Cyl.	STD
						1.20	4.14	610 RVT PC GI	**2C4571020**		0.50
						2.00	3.18	934 FV CR	**2C4571040**		1.00
								732 FV CR			
6VD1	3165	6	1992-96	6VD1	93.40	1.50	4.11	327 BF PM GI	**2M4791**	6 Cyl.	STD
						1.50	4.06	126 RVT PC GI	**2M4791010**		0.25
						4.00	3.30	870 FV CR	**2M4791020**		0.50
								732 FV CR	**2M4791030**		0.75
									2M4791040		1.00
6VD1, 6VE1	3165	6	1997-05	6VD1	93.40	1.50	4.11	327 BF PM GI	**2M4945**	6 Cyl.	STD
	3494		1996-04	6VE1		1.50	4.06	126 RVT PC GI	**2M4945020**		0.50
						3.00	3.05	997 FV CR	**2M4945030**		0.75
								732 FV CR	**2M4945040**		1.00
4JH1	3059	4		D-MAX NOTE CHROME PLATED CYLINDER	95.40	2.50	4.09	025 BF PC DI	**2D7188**	4 Cyl.	STD
						2.00	4.11	435 SCRP PC GI			
						3.00	3.18	203 CF GN SS 881 2PCO			
4HK1TC	5193	4	2009-On	4HK1TC OHC Turbo Diesel ELF 400, 450, 500, 600	115.00	3.00	4.34	370 HKST 3CR GI	**2C7456**	4 Cyl.	STD
						2.50	4.88	401 SCRP PC GI			
						4.00	5.18	553 CF CR GI 881 2PCO			
IVECO											
F1AE	2287			Turbo Diesel F1AE	88.00	2.50	3.81	221 FKST CC DI	**2D7138**	1 Cyl.	STD
						2.00	3.84	206 TF PC DI			
						2.50	3.33	204 CF CR DI 881 2PCO			
	2798			Turbo Diesel 8140.23, 8140.43, 8140.43C	94.40	3.00	4.06	225 FKST CR DI	**2C7353**	1 Cyl.	STD
						2.00	4.09	209 RVT PC DI			
						3.00	3.78	204 CF CR DI 881 2PCO			
	2798			Turbo Diesel 8140.63 Euro, Sofim	94.40	3.00	4.06	225 FKST CR DI	**2C7449**	1 Cyl.	STD
						2.00	4.09	210 SCRP TF PC DI			
						2.50	3.33	204 CF CR DI 881 2PCO			
	2798		1999-06	Turbo Diesel 8140.23, 8140.43, 8140.43C	94.40	2.50	4.06	233 FKST PM DI	**2M7450**	1 Cyl.	STD
						2.00	4.09	210 SCRP TF PC DI			
						2.50	3.33	204 CF CR DI 881 2PCO			
	3059	4		D-MAX DIESEL	95.40	2.50	4.09	025 BF PC DI	**2D7188**	4 Cyl.	STD
						2.00	4.11	435 SCRP PC GI			
						3.00	3.18	203 CF GN SS 881 2PCO			
4JJ1-TC	2999	4			95.40	2.00	3.56	232 HKST CR DI	**2D7225**	4 Cyl.	STD
4JK1-TC	2499					1.50	4.14	435 SCRP PC GI			
						3.00	3.18	203 CF GN SS 881 2PCO			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
IVECO											
F1CE	2998			Turbo Diesel F1CE, 441A, 481A	95.80	2.50	4.14	221 FKST CC DI	**2D7347**	1 Cyl.	STD
						2.00	4.17	206 TF PC DI			
						2.50	3.33	204 CF CR DI			
								881 2PCO			
JAGUAR											
XK 3.4	2400	6	1949-64	3 1/2, Mark VII, XK120, XK140, XK150 3 Ring Piston	83.00	2.00	3.33	102 T PC GI	**5782**	6 Cyl.	STD
	3400		1949-64	3 1/2, Mark VII, XK120, XK140, XK150, 3 Ring Piston		2.00	3.35	401 SCRP PC GI	**5782060**		1.50
						4.00	3.43	058 FV CR			
								732 FV CR			
XKE		12		XJS	90.00	1.60	3.99	362 BF 3CR GI	**2C4441**	12 Cyl.	STD
				XJ12		2.00	4.01	126 RVT PC GI	**2C4441020**		0.50
	5343			XKE Series III		4.00	4.24	056 FV CR	**2C4441030**		0.75
								732 FV CR			
F1CE	3980	6	1997-On	XJR6	91.00	1.50	3.63	335 T PM DI	**2M5120**	6 Cyl.	STD
						1.50	4.06	126 RVT PC GI	**2M5120020**		0.50
						3.00	3.94	872 FV CR	**2M5120030**		0.75
								732 FV CR	**2M5120040**		1.00
XK 4.2	4200	6	1971-92	XJ6, XJ6 Series III Shallow Oil Ring Groove	92.00	2.00	4.32	032 BF PC GI	**4625**	6 Cyl.	STD
						2.00	4.34	126 RVT PC GI	**4625010**		0.25
						4.75	4.39	860 FV CR	**4625020**		0.50
								732 FV CR	**4625030**		0.75
									4625040		1.00
								362 BF 3CR GI	**2C4625**		STD
								126 RVT PC GI	**2C4625010**		0.25
								860 FV CR	**2C4625020**		0.50
								732 FV CR	**2C4625030**		0.75
									2C4625040		1.00
XK 4.2	4200	6	1970-91	XJ6, Mark I & II Deep Oil Ring Groove	92.00	2.00	4.32	032 BF PC GI	**6800**	6 Cyl.	STD
			1964-71	XK-E Deep Oil Ring Groove		2.00	4.34	126 RVT PC GI	**6800020**		0.50
						4.75	4.62	860 FV CR	**6800040**		1.00
								732 FV CR			
								362 BF 3CR GI	**2C6800**		STD
								126 RVT PC GI	**2C6800010**		0.25
								860 FV CR	**2C6800020**		0.50
								732 FV CR	**2C6800030**		0.75
									2C6800040		1.00
JEEP-EAGLE - INCLUDES AMERICAN MOTORS, CHRYSLER & WILLYS											
	1468	4	1991-96	92cu. in. Q , Eagle, 12 Valve	75.50	1.20	2.92	398 BF CR S	**2C4668**	4 Cyl.	STD
						1.50	3.12	126 RVT PC GI	**2C4668010**		0.25
						3.00	3.18	054 FV CR	**2C4668020**		0.50
								732 FV CR	**2C4668030**		0.75
									2C4668040		1.00
									2C4668060		1.50
	1468	4	1988-92	92cu. in. , Eagle	75.50	1.50	2.95	032 BF PC GI	**5716**	4 Cyl.	STD
						1.50	3.12	126 RVT PC GI	**5716010**		0.25
						4.00	3.68	058 FV CR	**5716020**		0.50
								732 FV CR	**5716030**		0.75
									5716040		1.00
									5716060		1.50
								363 BF CR GI	**2C5716**		STD
								126 RVT PC GI	**2C5716010**		0.25
								058 FV CR	**2C5716020**		0.50
								732 FV CR	**2C5716030**		0.75
									2C5716040		1.00
									2C5716060		1.50
								327 BF PM GI	**2M5716**		STD
								126 RVT PC GI	**2M5716010**		0.25
								058 FV CR	**2M5716020**		0.50
								732 FV CR	**2M5716030**		0.75
									2M5716040		1.00

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
JEEP-EAGLE - INCLUDES AMERICAN MOTORS, CHRYSLER & WILLYS											
		4	1933-39	37, 38, 48, 77	79.38	2.25	3.76	032 BF PC GI	**620**	4 Cyl.	STD
						2.25	3.78	126 RVT PC GI			
						2.25	3.78	126 RVT PC GI			
						4.75	1.27	871 FV CR			
								732 FV CR			
134 cu. in.		4	1940-74	, 3 Ring Piston	79.38	2.25	3.76	032 BF PC GI	**828**	4 Cyl.	STD
				CJ2A, CJ3A, MB, 475		2.25	3.78	126 RVT PC GI	**828020**		0.50
						4.75	1.27	871 FV CR	**828030**		0.75
								732 FV CR	**828040**		1.00
									828060		1.50
									828080		2.00
								362 BF 3CR GI	**2C828**		STD
								126 RVT PC GI	**2C828020**		0.50
								871 FV CR	**2C828030**		0.75
								732 FV CR	**2C828040**		1.00
									2C828060		1.50
134 cu. in.		4	1940-74	Eng, 4 Ring Piston	79.38	2.25	3.76	032 BF PC GI	**835**	4 Cyl.	STD
						2.25	3.78	126 RVT PC GI			
						4.75	1.27	871 FV CR			
						4.75	3.78	732 FV CR			
								501 1PCO PC GI			
107cu. in.	1754	4	1989-94	, Eagle	80.60	1.50	3.58	032 BF PC GI	**4367**	4 Cyl.	STD
						1.50	3.61	401 SCRP PC GI	**4367020**		0.50
						4.00	3.30	058 FV CR	**4367030**		0.75
								732 FV CR	**4367040**		1.00
								363 BF CR GI	**2C4367**		STD
								401 SCRP PC GI	**2C4367020**		0.50
								058 FV CR	**2C4367030**		0.75
								732 FV CR	**2C4367040**		1.00
									2C4367060		1.50
181cu. in.	1834	4	1996	4G93 Mitsubishi	81.00	1.20	3.33	398 BF CR S	**2C4769**	4 Cyl.	STD
						1.20	3.15	126 RVT PC GI	**2C4769020**		0.50
						2.80	2.67	997 FV CR	**2C4769030**		0.75
								732 FV CR	**2C4769040**		1.00
	1595	4	1989-90	98cu. in. , Eagle, DOHC	82.30	1.20	3.33	398 BF CR S	**2C4669**	4 Cyl.	STD
						1.50	3.61	126 RVT PC GI	**2C4669020**		0.50
						3.00	2.79	997 FV CR	**2C4669030**		0.75
								732 FV CR	**2C4669040**		1.00
OM 651.925	2143	4	2010-on	Compass 2.2 CRD 4x4	83.00	2.00	3.51	265 BF PVD DI	**2D7440**	4 Cyl.	STD
						1.75	3.63	135 T PC GI	**2D744025**		0.25
						2.00	3.10	248 CF CR	**2D744050**		0.50
								881 2PCO			
		6	1954-64	6-226 or L6-226 Engs., Ace Deluxe, Bermuda, Custom, Eagel, B Series	84.14	2.38	3.99	032 BF PC GI	**4233**	6 Cyl.	STD
			1955-62	Panel Delivery, Station Sedan, FC170, 6-226		2.38	4.01	126 RVT PC GI	**4233040**		1.00
						4.00	4.39	860 FV CR			
						4.00	4.01	732 FV CR			
								501 1PCO PC GI			
								901 GL			
		6	1933	99 4 Ring Piston	84.14	2.25	3.81	032 BF PC GI	**465**	6 Cyl.	STD
						2.25	3.84	126 RVT PC GI	**465030**		0.75
						2.25	3.84	126 RVT PC GI			
						4.75	1.27	860 FV CR			
								732 FV CR			
230 cu. in.		6	1962-66	Tornada, A, B Series OHC	84.94	2.00	4.01	032 BF PC GI	**834**	6 Cyl.	STD
						2.00	4.04	126 RVT PC GI	**834030**		0.75
						4.75	1.27	860 FV CR	**834040**		1.00
								732 FV CR			
								362 BF 3CR GI	**2C834**		STD
								126 RVT PC GI	**2C834030**		0.75
								860 FV CR	**2C834040**		1.00
								732 FV CR			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
JEEP-EAGLE - INCLUDES AMERICAN MOTORS, CHRYSLER & WILLYS											
122cu. in.	1997	4	1990-93	Eagle, DOHC Incl. Turbo	85.00	1.20	3.33	398 BF CR S	**2C4613**	4 Cyl.	STD
						1.50	3.43	126 RVT PC GI	**2C4613010**		0.25
						3.00	3.30	054 FV CR	**2C4613020**		0.50
								732 FV CR	**2C4613030**		0.75
									2C4613040		1.00
								326 TBF GN SS	**2N461325**		0.25
								435 SCRP PC GI			
								672 FV GN			
								708 FV GN			
122cu. in.	1997	4	1993-94	DOHC incl. Turbo Mitsubishi 4G63	85.00	1.20	3.33	398 BF CR S	**2C4768**	4 Cyl.	STD
						1.50	3.43	126 RVT PC GI	**2C4768010**		0.25
						3.00	2.67	997 FV CR	**2C4768020**		0.50
								732 FV CR	**2C4768030**		0.75
									2C4768040		1.00
									2C4768060		1.50
	1997	4	1995-98	122cu.in , DOHC Turbo 4G63 Mitsubishi	85.00	1.20	3.33	398 BF CR S	**2C4933**	4 Cyl.	STD
						1.50	3.43	126 RVT PC GI	**2C4933020**		0.50
						2.80	2.67	997 FV CR	**2C4933030**		0.75
								732 FV CR	**2C4933040**		1.00
									2C4933060		1.50
								326 TBF GN SS	**2N4933**		STD
								435 SCRP PC GI	**2N493325**		0.25
								672 FV GN			
								708 FV GN			
		4	2009-11	122cu.in. Vin:A World Engine	86.00	1.20	3.33	398 BF CR S	**2C4835**	4 Cyl.	STD
						1.20	3.58	126 RVT PC GI	**2C4835020**		0.50
						2.00	2.79	993 FV CR	**2C4835030**		0.75
								005 FV CR	**2C4835040**		1.00
146cu. in.		4	1992-93	"T"	86.50	1.50	3.45	032 BF PC GI	**4638**	4 Cyl.	STD
						1.50	3.45	126 RVT PC GI	**4638020**		0.50
						4.00	3.68	058 FV CR	**4638030**		0.75
								732 FV CR	**4638040**		1.00
									4638060		1.50
								362 BF 3CR GI	**2C4638**		STD
								126 RVT PC GI	**2C4638010**		0.25
								058 FV CR	**2C4638020**		0.50
								732 FV CR	**2C4638030**		0.75
									2C4638040		1.00
		4		R18, R20 Renault	88.00	1.75	4.14	032 BF PC GI	**4257**	4 Cyl.	STD
						2.00	3.96	126 RVT PC GI			
						4.00	4.24	056 FV CR			
								732 FV CR			
								327 BF PM GI	**2M4257**		STD
								126 RVT PC GI	**2M4257010**		0.25
								056 FV CR			
								732 FV CR			
		4	2007-15	144cu.in. Vin:2 World Engine	88.00	1.20	3.33	398 BF CR S	**2C5297**	4 Cyl.	STD
						1.20	3.33	126 RVT PC GI	**2C5297020**		0.50
						2.00	2.79	993 FV CR	**2C5297030**		0.75
								005 FV CR	**2C5297040**		1.00
173cu. in.		6	1984		89.00	1.50	3.38	032 BF PC GI	**5632**	6 Cyl.	STD
						2.00	3.99	126 RVT PC GI	**5632010**		0.25
						4.75	1.27	860 FV CR	**5632020**		0.50
								732 FV CR	**5632030**		0.75
									5632040		1.00
									5632060		1.50
								363 BF CR GI	**2C5632**		STD
								126 RVT PC GI	**2C5632020**		0.50
								860 FV CR	**2C5632030**		0.75
								732 FV CR	**2C5632040**		1.00
									2C5632060		1.50
								397 BF PM S	**2M5632**		STD
								126 RVT PC GI	**2M5632010**		0.25
								860 FV CR	**2M5632020**		0.50
								732 FV CR	**2M5632030**		0.75
									2M5632040		1.00
									2M5632060		1.50

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
JEEP-EAGLE - INCLUDES AMERICAN MOTORS, CHRYSLER & WILLYS											
173cu. in.		6	1985-86	Shallow Oil Ring Groove	89.00	1.50	3.38	032 BF PC GI	**6194**	6 Cyl.	STD
						2.00	3.99	126 RVT PC GI	**6194020**		0.50
						4.75	3.81	872 FV CR	**6194030**		0.75
								732 FV CR	**6194040**		1.00
									6194060		1.50
								397 BF PM S	**2M6194**		STD
								126 RVT PC GI	**2M6194010**		0.25
								872 FV CR	**2M6194020**		0.50
								732 FV CR	**2M6194030**		0.75
									2M6194040		1.00
									2M6194060		1.50
201cu. in.		6	1993-97		93.00	1.50	3.48	032 BF PC GI	**4636**	6 Cyl.	STD
226cu. in.			1999-11	Vin: K		1.50	3.78	126 RVT PC GI	**4636020**		0.50
						3.00	3.94	872 FV CR	**4636030**		0.75
								732 FV CR	**4636040**		1.00
									4636060		1.50
								327 BF PM GI	**2M4636**		STD
								126 RVT PC GI	**2M4636010**		0.25
								872 FV CR	**2M4636020**		0.50
								732 FV CR	**2M4636030**		0.75
									2M4636040		1.00
									2M4636060		1.50
182cu. in.		6	1988-93	Eagle, Renault	93.00	1.75	4.09	363 BF CR GI	**2C4672**	6 Cyl.	STD
						1.75	4.11	126 RVT PC GI			
						3.50	4.24	056 FV CR			
								732 FV CR			
		8	1999-05	287cu.in. Vin: N	93.00	1.50	3.48	032 BF PC GI	**4790**	8 Cyl.	STD
						1.50	3.78	126 RVT PC GI	**4790010**		0.25
						3.00	3.94	872 FV CR	**4790020**		0.50
								732 FV CR	**4790030**		0.75
									4790040		1.00
								335 T PM DI	**2M4790**		STD
								126 RVT PC GI	**2M4790010**		0.25
								872 FV CR	**2M4790020**		0.50
								732 FV CR	**2M4790030**		0.75
									2M4790040		1.00
304cu. in.		8	1971-81		95.25	2.00	4.47	032 BF PC GI	**568**	8 Cyl.	STD
						2.00	4.50	126 RVT PC GI	**568010**		0.25
						4.75	1.27	860 FV CR	**568020**		0.50
								732 FV CR	**568030**		0.75
									568040		1.00
									568060		1.50
									568080		2.00
									568100		2.50
								363 BF CR GI	**2C568**		STD
								126 RVT PC GI	**2C568010**		0.25
								860 FV CR	**2C568020**		0.50
								732 FV CR	**2C568030**		0.75
									2C568040		1.00
									2C568060		1.50
								327 BF PM GI	**2M568**		STD
								126 RVT PC GI	**2M568010**		0.25
								860 FV CR	**2M568020**		0.50
								732 FV CR	**2M568030**		0.75
									2M568040		1.00
									2M568060		1.50
									2M568080		2.00
									2M568100		2.50

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
JEEP-EAGLE - INCLUDES AMERICAN MOTORS, CHRYSLER & WILLYS											
225 cu. in.		6	1966-71		95.25	2.00	4.47	032 BF PC GI	**656**	6 Cyl.	STD
232cu. in.			1966-83			2.00	4.50	126 RVT PC GI	**656010**		0.25
258cu. in.			1971-90			4.75	1.27	860 FV CR	**656020**		0.50
								732 FV CR	**656030**		0.75
									656040		1.00
									656060		1.50
								362 BF 3CR GI	**2C656**		STD
								126 RVT PC GI	**2C656010**		0.25
								860 FV CR	**2C656020**		0.50
								732 FV CR	**2C656030**		0.75
									2C656040		1.00
									2C656060		1.50
								327 BF PM GI	**2M656**		STD
								126 RVT PC GI	**2M656010**		0.25
								860 FV CR	**2M656020**		0.50
								732 FV CR	**2M656030**		0.75
									2M656040		1.00
									2M656060		1.50
214cu. in.		6	1993-94		96.00	1.50	3.94	032 BF PC GI	**4648**	6 Cyl.	STD
						1.50	3.73	126 RVT PC GI	**4648010**		0.25
						3.00	3.81	872 FV CR	**4648020**		0.50
								732 FV CR	**4648030**		0.75
									4648040		1.00
									4648060		1.50
								327 BF PM GI	**2M4648**		STD
								126 RVT PC GI	**2M4648020**		0.50
								872 FV CR	**2M4648030**		0.75
								732 FV CR	**2M4648040**		1.00
									2M4648060		1.50
231cu. in.		6	2001-12	Vin:1 Wrangler	96.00	1.20	3.73	398 BF CR S	**2C4890**	6 Cyl.	STD
						1.50	3.73	126 RVT PC GI	**2C4890004**		0.10
						3.00	3.81	872 FV CR	**2C4890010**		0.25
								732 FV CR	**2C4890020**		0.50
									2C4890030		0.75
									2C4890040		1.00
									2C4890060		1.50
								397 BF PM S	**2M4890**		STD
								126 RVT PC GI	**2M4890010**		0.25
								872 FV CR	**2M4890020**		0.50
								732 FV CR	**2M4890030**		0.75
									2M4890040		1.00
350 cu. in.		8	1968-71		96.52	2.00	3.71	032 BF PC GI	**696**	8 Cyl.	STD
						2.00	4.57	126 RVT PC GI	**696010**		0.25
						4.75	4.62	860 FV CR	**696020**		0.50
								732 FV CR	**696030**		0.75
									696040		1.00
									696060		1.50
								362 BF 3CR GI	**2C696**		STD
								126 RVT PC GI	**2C696010**		0.25
								860 FV CR	**2C696020**		0.50
								732 FV CR	**2C696030**		0.75
									2C696040		1.00
									2C696060		1.50
								327 BF PM GI	**2M696**		STD
								126 RVT PC GI	**2M696020**		0.50
								860 FV CR	**2M696030**		0.75
								732 FV CR	**2M696040**		1.00
									2M696060		1.50
242cu. in.		6	1996-06	Vin:S Shallow Oil Ring Groove	98.43	1.50	4.29	032 BF PC GI	**4815**	6 Cyl.	STD
						1.50	3.99	126 RVT PC GI	**4815020**		0.50
						4.00	3.94	056 FV CR	**4815030**		0.75
								732 FV CR	**4815040**		1.00
								327 BF PM GI	**2M4815**		STD
								126 RVT PC GI	**2M4815020**		0.50
								056 FV CR	**2M4815030**		0.75
								732 FV CR	**2M4815040**		1.00
									2M4815060		1.50

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
JEEP-EAGLE - INCLUDES AMERICAN MOTORS, CHRYSLER & WILLYS											
150cu. in.		4	1996-02	L4 Vin: P	98.43	1.50	4.29	032 BF PC GI	**4925**	4 Cyl.	STD
						1.50	3.99	126 RVT PC GI	**4925020**		0.50
						4.00	3.94	056 FV CR	**4925030**		0.75
								732 FV CR	**4925040**		1.00
									4925060		1.50
								327 BF PM GI	**2M4925**		STD
								126 RVT PC GI	**2M4925020**		0.50
								056 FV CR	**2M4925030**		0.75
								732 FV CR	**2M4925040**		1.00
									2M4925060		1.50
150cu. in.		4	1983-95	Eagle	98.43	2.00	4.62	032 BF PC GI	**665**	4 Cyl.	STD
						2.00	4.65	126 RVT PC GI	**665010**		0.25
						4.75	4.88	860 FV CR	**665020**		0.50
								732 FV CR	**665030**		0.75
									665040		1.00
									665060		1.50
								362 BF 3CR GI	**2C665**		STD
								126 RVT PC GI	**2C665010**		0.25
								860 FV CR	**2C665020**		0.50
								732 FV CR	**2C665030**		0.75
									2C665040		1.00
									2C665060		1.50
								327 BF PM GI	**2M665**		STD
								126 RVT PC GI	**2M665010**		0.25
								860 FV CR	**2M665020**		0.50
								732 FV CR	**2M665030**		0.75
									2M665040		1.00
									2M665060		1.50
									2M665080		2.00
242cu. in.		6	1986-95		98.43	2.00	4.62	032 BF PC GI	**667**	6 Cyl.	STD
						2.00	4.65	126 RVT PC GI	**667010**		0.25
						4.75	4.88	860 FV CR	**667020**		0.50
								732 FV CR	**667030**		0.75
									667040		1.00
									667060		1.50
									667080		2.00
								362 BF 3CR GI	**2C667**		STD
								126 RVT PC GI	**2C667010**		0.25
								860 FV CR	**2C667020**		0.50
								732 FV CR	**2C667030**		0.75
									2C667040		1.00
									2C667060		1.50
									2C667080		2.00
								327 BF PM GI	**2M667**		STD
								126 RVT PC GI	**2M667010**		0.25
								860 FV CR	**2M667020**		0.50
								732 FV CR	**2M667030**		0.75
									2M667040		1.00
									2M667060		1.50
									2M667080		2.00
318cu. in.		8	1992-97	Shallow Oil Ring Groove	99.31	2.00	4.67	032 BF PC GI	**4735**	8 Cyl.	STD
						2.00	4.70	126 RVT PC GI	**4735020**		0.50
						4.00	3.81	872 FV CR	**4735030**		0.75
								732 FV CR	**4735040**		1.00
									4735060		1.50
								363 BF CR GI	**2C4735**		STD
								126 RVT PC GI	**2C4735020**		0.50
								872 FV CR	**2C4735030**		0.75
								732 FV CR	**2C4735040**		1.00
									2C4735060		1.50
								327 BF PM GI	**2M4735**		STD
								126 RVT PC GI	**2M4735020**		0.50
								872 FV CR	**2M4735030**		0.75
								732 FV CR	**2M4735040**		1.00
									2M4735060		1.50

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
JEEP-EAGLE - INCLUDES AMERICAN MOTORS, CHRYSLER & WILLYS											
348cu. in.		8	2003-08	Hemi Vin: D,H,2	99.50	1.50	3.96	032 BF PC GI	**5097**	8 Cyl.	STD
						1.50	4.24	126 RVT PC GI	**5097010**		0.25
						3.00	2.79	997 FV CR	**5097020**		0.50
								732 FV CR	**5097030**		0.75
									5097040		1.00
								335 T PM DI	**2M5097**		STD
								126 RVT PC GI	**2M5097010**		0.25
								997 FV CR	**2M5097020**		0.50
								732 FV CR	**2M5097030**		0.75
									2M5097040		1.00
									2M5097060		1.50
327 cu. in.		8	1966-68		101.60	2.00	4.78	032 BF PC GI	**139**	8 Cyl.	STD
						2.00	4.80	126 RVT PC GI	**139010**		0.25
						4.75	4.88	860 FV CR	**139020**		0.50
								732 FV CR	**139030**		0.75
									139040		1.00
									139060		1.50
									139070		1.75
									139080		2.00
									139100		2.50
								362 BF 3CR GI	**2C139**		STD
								126 RVT PC GI	**2C139010**		0.25
								860 FV CR	**2C139020**		0.50
								732 FV CR	**2C139030**		0.75
									2C139040		1.00
									2C139060		1.50
									2C139070		1.75
									2C139080		2.00
								397 BF PM S	**2M139**		STD
								126 RVT PC GI	**2M139005**		0.13
								860 FV CR	**2M139010**		0.25
								732 FV CR	**2M139020**		0.50
									2M139030		0.75
									2M139040		1.00
									2M139060		1.50
									2M139070		1.75
									2M139080		2.00
									2M139100		2.50
360cu. in.		8	1998		101.60	1.50	3.96	032 BF PC GI	**4346**	8 Cyl.	STD
						1.50	4.37	126 RVT PC GI	**4346020**		0.50
						4.00	3.48	635 FV CR	**4346030**		0.75
								732 FV CR	**4346040**		1.00
									4346060		1.50
								327 BF PM GI	**2M4346**		STD
								126 RVT PC GI	**2M4346010**		0.25
								635 FV CR	**2M4346020**		0.50
								732 FV CR	**2M4346030**		0.75
									2M4346040		1.00
									2M4346060		1.50

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
JEEP-EAGLE - INCLUDES AMERICAN MOTORS, CHRYSLER & WILLYS											
151cu. in.		4	1980		101.60	2.00	4.78	032 BF PC GI	**5570**	4 Cyl.	STD
						2.00	4.80	126 RVT PC GI	**5570020**		0.50
						4.75	4.88	860 FV CR	**5570030**		0.75
								732 FV CR	**5570040**		1.00
									5570060		1.50
								362 BF 3CR GI	**2C5570**		STD
								126 RVT PC GI	**2C5570020**		0.50
								860 FV CR	**2C5570030**		0.75
								732 FV CR	**2C5570040**		1.00
									2C5570060		1.50
								397 BF PM S	**2M5570**		STD
								126 RVT PC GI	**2M5570020**		0.50
								860 FV CR	**2M5570030**		0.75
								732 FV CR	**2M5570040**		1.00
									2M5570060		1.50
									2M5570065		1.63
								397 BF PM S	**SM5570**		STD
								126 RVT PC GI	**SM5570020**		0.50
								860 FV CR	**SM5570030**		0.75
								732 FV CR	**SM5570040**		1.00
									SM5570060		1.50
									SM5570065		1.63
151cu. in.		4	1981	Shallow Oil Ring Groove	101.60	2.00	4.78	032 BF PC GI	**5630**	4 Cyl.	STD
						2.00	4.80	126 RVT PC GI	**5630020**		0.50
						4.75	1.27	872 FV CR	**5630030**		0.75
								732 FV CR	**5630040**		1.00
								362 BF 3CR GI	**2C5630**		STD
								126 RVT PC GI	**2C5630020**		0.50
								872 FV CR	**2C5630030**		0.75
								732 FV CR	**2C5630040**		1.00
									2C5630060		1.50
								397 BF PM S	**2M5630**		STD
								126 RVT PC GI	**2M5630020**		0.50
								872 FV CR	**2M5630030**		0.75
								732 FV CR	**2M5630040**		1.00
151cu. in.		4	1982-84	Shallow Oil Ring Groove	101.60	1.60	4.78	032 BF PC GI	**5663**	4 Cyl.	STD
						2.00	4.80	126 RVT PC GI	**5663020**		0.50
						4.75	1.27	872 FV CR	**5663030**		0.75
								732 FV CR	**5663040**		1.00
									5663060		1.50
								362 BF 3CR GI	**2C5663**		STD
								126 RVT PC GI	**2C5663020**		0.50
								872 FV CR	**2C5663030**		0.75
								732 FV CR	**2C5663040**		1.00
									2C5663060		1.50
								327 BF PM GI	**2M5663**		STD
								126 RVT PC GI	**2M5663020**		0.50
								872 FV CR	**2M5663030**		0.75
								732 FV CR	**2M5663040**		1.00
									2M5663060		1.50
		8	2005-10	370cu.in.	103.00	1.50	4.09	336 T PM DI	**2M4907**	8 Cyl.	STD
						1.50	4.37	126 RVT PC GI	**2M4907010**		0.25
						3.00	3.18	054 FV CR	**2M4907020**		0.50
								732 FV CR	**2M4907030**		0.75
									2M4907040		1.00
									2M4907060		1.50

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
JEEP-EAGLE - INCLUDES AMERICAN MOTORS, CHRYSLER & WILLYS											
360cu. in.		8	1971-91		103.63	2.00	4.88	032 BF PC GI	**693**	8 Cyl.	STD
						2.00	4.90	126 RVT PC GI	**693020**		0.50
						4.75	4.75	860 FV CR	**693030**		0.75
								732 FV CR	**693040**		1.00
									693060		1.50
								362 BF 3CR GI	**2C693**		STD
								126 RVT PC GI			
								860 FV CR			
								732 FV CR			
								327 BF PM GI	**2M693**		STD
								126 RVT PC GI	**2M693020**		0.50
								860 FV CR	**2M693030**		0.75
								732 FV CR	**2M693040**		1.00
									2M693060		1.50
401 cu. in.		8	1974-77		105.79	2.00	4.95	032 BF PC GI	**672**	8 Cyl.	STD
						2.00	4.98	126 RVT PC GI	**672030**		0.75
						4.75	5.21	860 FV CR	**672040**		1.00
								732 FV CR			
								362 BF 3CR GI	**2C672**		STD
								126 RVT PC GI			
								860 FV CR			
								732 FV CR			
								327 BF PM GI	**2M672**		STD
								126 RVT PC GI	**2M672030**		0.75
								860 FV CR			
								732 FV CR			
JOHN DEERE											
		4		V4 Starting 730 & 830 Series	50.80	2.25	2.39	102 T PC GI	**7707**	4 Cyl.	STD
						2.25	2.41	401 SCRP PC GI			
						4.75	2.41	501 1PCO PC GI			
				285, 320, 325, 335, 345, F710, F725 Models w/ Kawasaki (twin)	74.00	1.20	2.92	398 BF CR S	**2C5025**	2 Cyl.	STD
						1.20	2.97	126 RVT PC GI	**2C5025010**		0.25
						3.00	2.79	996 FV CR	**2C5025020**		0.50
								732 FV CR	**2C5025030**		0.75
									2C5025040		1.00
33, 35, 36, 36A, 36B		4			82.55	3.18	3.89	032 BF PC GI	**5060**	4 Cyl.	STD
						3.18	3.78	126 RVT PC GI	**5060020**		0.50
						4.75	1.27	860 FV CR	**5060060**		1.50
								732 FV CR			
								362 BF 3CR GI	**2C5060**		STD
								126 RVT PC GI			
								860 FV CR			
								732 FV CR			
				L After S/N 624999	82.55	3.18	3.89	032 BF PC GI	**7843**	2 Cyl.	STD
						3.18	3.78	126 RVT PC GI			
						4.75	1.27	860 FV CR			
								732 FV CR			
								362 BF 3CR GI	**2C7843**		STD
								126 RVT PC GI			
								860 FV CR			
								732 FV CR			
		6		Hercules QXC3 5A, 9, 35	85.73	3.18	4.04	362 BF 3CR GI	**2C4070**	6 Cyl.	STD
						3.18	3.89	126 RVT PC GI			
						3.18	3.89	126 RVT PC GI			
						4.75	1.27	860 FV CR			
								732 FV CR			
		4		115 40 Hi-Lo	88.90	2.25	4.19	032 BF PC GI	**7119**	4 Cyl.	STD
				115 Series Gas		2.25	4.22	126 RVT PC GI			
				115 Gas 1010		2.25	4.22	126 RVT PC GI			
						4.75	1.27	860 FV CR			
								732 FV CR			
								362 BF 3CR GI	**2C7119**		STD
								126 RVT PC GI			
								126 RVT PC GI			
								860 FV CR			
								732 FV CR			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
JOHN DEERE											
				12A	88.90	3.18	3.96	362 BF 3CR GI	**2C7844**	2 Cyl.	STD
				LA, LU Power Unit		3.18	3.66	126 RVT PC GI			
				LA, LU Power Unit		4.75	1.27	860 FV CR			
								732 FV CR			
				H, HN, HNH, HWH	90.49	3.18	4.01	362 BF 3CR GI	**2C7742**	2 Cyl.	STD
						3.18	4.04	126 RVT PC GI			
						3.00	1.27	860 FV CR			
						6.35	4.29	732 FV CR			
								501 1PCO PC GI			
		4		1010 Diesel From S/N 42000, 3 Ring Piston *	92.08	2.25	4.32	362 BF 3CR GI	**2C7155**	4 Cyl.	STD
						2.25	4.09	126 RVT PC GI			
						4.75	2.39	501 1PCO PC GI			
								825 2PCO			
		4		HC145G	92.08	2.25	4.06	032 BF PC GI	**7581**	4 Cyl.	STD
				145 45 Hi-Lo		2.25	4.09	126 RVT PC GI			
				145 Series Gas & Diesel Engs.		2.25	4.09	126 RVT PC GI			
				HA145 Gas & Diesel Engs.		4.75	4.62	860 FV CR			
				145 Gas 2010				732 FV CR			
				550, 660 Gas & Diesel Engs.				362 BF 3CR GI	**2D7581**	4 Cyl.	STD
				1010 Diesel To S/N 41999, 4 Ring Piston *				126 RVT PC GI			
								126 RVT PC GI			
								553 CF CR GI			
								881 2PCO			
		6		217 Diesel, Gas, LPG 55, 65, 96	92.08	2.25	4.32	362 BF 3CR GI	**2D7899**	6 Cyl.	STD
				217 Series Gas, LPG & Diesel Engs.		2.25	4.09	126 RVT PC GI			
						2.25	4.09	126 RVT PC GI			
						4.75	4.34	553 CF CR GI			
								881 2PCO			
		4		5A, 35	95.25	3.18	4.17	362 BF 3CR GI	**2C7669**	4 Cyl.	STD
						3.18	3.94	126 RVT PC GI			
						3.18	3.94	126 RVT PC GI			
						4.75	1.27	860 FV CR			
								732 FV CR			
				HC165 Gas 45 Hi-Lo 4 Ring Piston	98.43	2.25	4.62	363 BF CR GI	**2C7118**	2 Cyl.	STD
				55, 95, 105 4 Ring Piston		2.25	3.99	126 RVT PC GI			
				248 Diesel, Gas, LPG 55, 95M, 105		2.25	3.99	126 RVT PC GI			
				165 Series Gas & Diesel Engs.		4.75	2.62	501 1PCO PC GI			
				248 Series Gas, LPG & Diesel				825 2PCO			
				165 Diesel 2010, To S/N 29018							
				55, 95, 105 3 Ring Piston	98.43	2.25	4.62	363 BF CR GI	**2D7158**	2 Cyl.	STD
				165 Diesel 2010, From S/N 29019, 3 Ring * Piston		2.25	3.99	126 RVT PC GI			
						4.75	4.45	553 CF CR GI			
								881 2PCO			
				3010 Gas	101.60	2.25	4.78	362 BF 3CR GI	**2C7113**	2 Cyl.	STD
				4010 Gas		2.25	4.80	126 RVT PC GI			
						2.25	4.80	126 RVT PC GI			
						6.00	4.88	860 FV CR			
						6.35	4.24	732 FV CR			
								501 1PCO PC GI			
				40, 40C, 40S, 40 Crawler, 320, 330	101.60	2.25	4.78	362 BF 3CR GI	**2C7654**	2 Cyl.	STD
						2.25	4.80	126 RVT PC GI			
						2.25	4.80	126 RVT PC GI			
						6.00	4.88	860 FV CR			
								732 FV CR			
				40, 40 Crawler, M, MC, MI, MT	101.60	4.00	4.39	362 BF 3CR GI	**2C7771**	2 Cyl.	STD
						4.00	4.11	102 T PC GI			
						3.18	4.42	401 SCRP PC GI			
						6.00	4.88	860 FV CR			
								732 FV CR			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
JOHN DEERE											
				241 Series 4 Cyl.; 360 Series 6 Cyl.	107.95	2.25	5.05	363 BF CR GI	**2C7236**	2 Cyl.	STD
				241 Gas or LPG , 3020 4 Cyl. 360 Gas or LPG , 4020, 4230 6 Cyl.		2.25	5.08	126 RVT PC GI			
				362 4230		4.75	1.27	860 FV CR 732 FV CR			
				HA341G 105 4 Cyl. & 6 Cyl.	107.95	2.25	5.05	363 BF CR GI	**2D7675**	2 Cyl.	STD
				HA341G		2.25	5.08	126 RVT PC GI			
				420, 430, 440		2.25	5.08	126 RVT PC GI			
				227 Gas , 270 Diesel 3020, JD500		6.35	5.16	553 CF CR GI			
				341 Gas , 404 Diesel , 4020, JD600				881 2PCO			
		6		401DT Diesel 9000 Turbo	111.76	3.00	4.47	372 FKST CR DI	**2C7012**	6 Cyl.	STD
						2.25	4.50	126 RVT PC GI			
						2.25	4.50	126 RVT PC GI			
						4.75	6.20	565 CF CR GI 881 2PCO			
				B, BI, BN, BO, BR, After S/N 32900 BW S/N 60000-201000	114.30	4.75	4.83	362 BF 3CR GI	**2C7733**	2 Cyl.	STD
						4.75	4.85	102 T PC GI	**2C7733045**		1.13
						4.75	4.85	102 T PC GI	**2C7733090**		2.25
						4.75	5.03	501 1PCO PC GI 825 2PCO			
				B, BN, BW, After S/N 200999	119.06	4.75	4.98	362 BF 3CR GI	**2C4965**	2 Cyl.	STD
						4.75	5.00	102 T PC GI	**2C4965045**		1.13
						4.75	5.00	102 T PC GI	**2C4965090**		2.25
						4.75	5.00	401 SCRP PC GI			
						8.00	2.97	501 1PCO PC GI 825 2PCO			
				A, AH, AI, AN, ANH, AO, AR, AW, AWH, Gen. Purp.; 60H, 60 Std.	139.70	6.35	5.41	362 BF 3CR GI	**2C722**	2 Cyl.	STD
						6.35	5.44	102 T PC GI			
						6.35	5.44	102 T PC GI			
						6.00	6.53	710 FV CR			
						6.35	5.44	732 FV CR 501 1PCO PC GI			
				60	139.70	4.75	5.41	362 BF 3CR GI	**2C7731**	2 Cyl.	STD
				A, AO, AR, AN, AW, 60, Own 60		4.75	8.05	102 T PC GI	**2C7731040**		1.00
						4.75	5.44	102 T PC GI	**2C7731090**		2.25
						4.75	5.44	401 SCRP PC GI			
						8.00	5.61	401 SCRP PC GI 501 1PCO PC GI 825 2PCO			
				620, 620H, 620S, 6200, 630, 630H, 630S 6 Ring Piston	139.70	3.18	5.41	362 BF 3CR GI	**2C7940**	2 Cyl.	STD
						3.18	5.44	102 T PC GI	**2C7940045**		1.13
						3.18	5.44	102 T PC GI			
						6.35	5.61	501 1PCO PC GI			
						3.18	5.44	825 2PCO			
						6.35	5.44	102 T PC GI 501 1PCO PC GI			
				R Diesel	146.05	3.18	5.87	362 BF 3CR GI	**2C7784**	2 Cyl.	STD
				R, Own R Diesel		3.18	5.89	102 T PC GI	**2C7784125**		3.13
						3.18	5.89	102 T PC GI			
						3.18	5.89	102 T PC GI			
						3.18	5.89	102 T PC GI			
						6.00	6.91	710 FV CR			
						6.35	5.89	501 1PCO PC GI			
				70	149.23	3.18	5.97	362 BF 3CR GI	**2C7642**	2 Cyl.	STD
				70 Gas & LPG, Own 70		3.18	5.99	102 T PC GI	**2C7642045**		1.13
						3.18	5.99	102 T PC GI	**2C7642090**		2.25
						3.18	5.99	102 T PC GI	**2C7642120**		3.00
						6.35	3.45	501 1PCO PC GI 825 2PCO			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
JOHN DEERE											
				Model 70 M&W Sleeve Piston #AP140	152.40	3.18	6.07	362 BF 3CR GI	**2C7184**	2 Cyl.	STD
						3.18	6.10	032 BF PC GI			
						3.18	6.10	401 SCRP PC GI			
						4.75	3.51	501 1PCO PC GI			
						6.35	6.10	825 2PCO			
								501 1PCO PC GI			
				720, 720H, 720S, 730, 730H, 730S Gas	152.40	3.18	6.07	362 BF 3CR GI	**2C7998**	2 Cyl.	STD
						3.18	6.10	102 T PC GI	**2C7998045**		1.13
						3.18	6.10	102 T PC GI			
						6.35	6.10	401 SCRP PC GI			
						3.18	6.10	501 1PCO PC GI			
						6.35	6.27	501 1PCO PC GI			
				70D, 70DH, 70DS, 720D, 720DS To S/N 7214899	155.58	3.18	6.20	362 BF 3CR GI	**2C7674**	2 Cyl.	STD
				70 Gas or LPG 70, 70H, 70S		3.18	6.22	102 T PC GI	**2C7674045**		1.13
				80, 820 Diesel To S/N 8203099		3.18	6.22	102 T PC GI	**2C7674120**		3.00
						3.18	6.22	102 T PC GI			
						6.35	3.58	501 1PCO PC GI			
						6.35	6.22	825 2PCO			
								501 1PCO PC GI			
				720D, 720DH, 720DS, 730D, 730H, 730DS From S/N 7214900	155.58	4.00	6.12	381 FKST CR DI	**2C7690**	2 Cyl.	STD
				820 Diesel From S/N 8203100; 830, 840 Diesel		3.18	6.22	102 T PC GI			
						3.18	6.22	102 T PC GI			
						3.18	6.22	102 T PC GI			
						6.35	3.58	501 1PCO PC GI			
						6.35	6.22	825 2PCO			
								501 1PCO PC GI			
				G, GH, GM, GN, GW	155.58	6.35	6.20	362 BF 3CR GI	**2C7842**	2 Cyl.	STD
				70 Hi Crop All Fuel		6.35	6.22	102 T PC GI	**2C7842045**		1.13
						6.35	6.22	102 T PC GI	**2C7842125**		3.13
						6.35	6.22	102 T PC GI			
						6.35	6.40	501 1PCO PC GI			
								825 2PCO			
KAISER											
		6	1947-55	Cont. Kaiser All Models	84.14	2.38	3.99	032 BF PC GI	**4233**	6 Cyl.	STD
						2.38	4.01	126 RVT PC GI	**4233040**		1.00
						4.00	4.39	860 FV CR			
						4.00	4.01	732 FV CR			
								501 1PCO PC GI			
								901 GL			
KERMATH											
IXV		4		Hercules Engine Sea Bird	82.55	3.18	3.89	032 BF PC GI	**5060**	4 Cyl.	STD
						3.18	3.78	126 RVT PC GI	**5060020**		0.50
						4.75	1.27	860 FV CR	**5060060**		1.50
								732 FV CR			
								362 BF 3CR GI	**2C5060**		STD
								126 RVT PC GI			
								860 FV CR			
								732 FV CR			
		6		Herc. JXA Sea Eagle	85.73	3.18	4.04	362 BF 3CR GI	**2C4070**	6 Cyl.	STD
						3.18	3.89	126 RVT PC GI			
						3.18	3.89	126 RVT PC GI			
						4.75	1.27	860 FV CR			
								732 FV CR			
		6		Herc. QXLD Prince	87.31	2.25	4.11	362 BF 3CR GI	**2C5263**	6 Cyl.	STD
						3.18	3.94	126 RVT PC GI			
						4.75	1.27	860 FV CR			
						4.75	4.14	732 FV CR			
								501 1PCO PC GI			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
KERMATH											
		4		Herc. OOB Sea Dog	95.25	3.18	4.17	362 BF 3CR GI	**2C7669**	4 Cyl.	STD
						3.18	3.94	126 RVT PC GI			
						3.18	3.94	126 RVT PC GI			
						4.75	1.27	860 FV CR			
								732 FV CR			
		6		Herc. JXD Sea Rover	101.60	3.18	4.39	363 BF CR GI	**2C4007**	6 Cyl.	STD
						3.18	4.11	126 RVT PC GI			
						3.18	4.11	126 RVT PC GI			
						4.75	4.88	860 FV CR			
								732 FV CR			
		4		Herc. OOC Sea Man	101.60	3.18	4.39	362 BF 3CR GI	**2C702**	4 Cyl.	STD
						3.18	4.11	126 RVT PC GI			
						3.18	4.11	126 RVT PC GI			
						4.75	4.88	860 FV CR			
								732 FV CR			
KIA											
	1100	4		Pride	68.00	1.20	2.92	398 BF CR S	**2C5059**	4 Cyl.	STD
						1.50	2.62	126 RVT PC GI	**2C5059010**		0.25
						3.00	2.79	996 FV CR	**2C5059020**		0.50
								732 FV CR	**2C5059030**		0.75
									2C5059040		1.00
		4			71.00	1.20	3.12	398 BF CR S	**2C4451**	4 Cyl.	STD
						1.50	3.33	126 RVT PC GI	**2C4451010**		0.25
						3.00	1.14	054 FV CR	**2C4451020**		0.50
								732 FV CR	**2C4451030**		0.75
									2C4451040		1.00
									2C4451060		1.50
G4EA	1341	4	2010-16	1.3 L	71.50	1.20	3.12	398 BF CR S	**2C5389**	4 Cyl.	STD
						1.20	2.97	435 SCRP PC GI	**2C538950**		0.50
						2.00	2.79	993 FV CR	**2C5389100**		1.00
								5 FV CR			
			2003-On	49cu.in Rio	72.00	1.20	2.92	398 BF CR S	**2C5189**	3 Cyl.	STD
						1.20	3.10	126 RVT PC GI	**2C5189010**		0.25
						2.50	2.67	995 FV CR	**2C5189020**		0.50
								732 FV CR	**2C5189030**		0.75
									2C5189040		1.00
	1493	4	2000-06	DC DOHC A5D Mazda w/2.5mm oil grv	75.50	1.20	2.92	398 BF CR S	**2C5184**	4 Cyl.	STD
						1.20	2.97	610 RVT PC GI	**2C5184020**		0.50
						2.50	3.56	934 FV CR	**2C5184030**		0.75
								732 FV CR	**2C5184040**		1.00
									2C5184060		1.50
	1599	4	2006-12	ALPHA II G4ED DOHC w/2.00mm oil	76.50	1.20	3.12	398 BF CR S	**2C4526**	4 Cyl.	STD
						1.20	3.48	610 RVT PC GI	**2C4526020**		0.50
						2.00	2.92	993 FV CR	**2C4526030**		0.75
								005 FV CR			
	1599	4	2003-08	Rio DOHC	76.50	1.20	3.12	398 BF CR S	**2C5154**	4 Cyl.	STD
						1.20	3.48	610 RVT PC GI	**2C5154020**		0.50
						2.50	2.92	995 FV CR	**2C5154030**		0.75
								732 FV CR	**2C5154040**		1.00
G4FC, G4FJ GAMMA	1591	4	2008-16	FORTE, RAY, RIO, SOUL	77.00	1.20	3.12	398 BF CR S	**2C4504**	4 Cyl.	STD
						1.20	3.38	435 SCRP PC GI	**2C450450**		0.50
						2.00	2.92	993 FV CR	**2C4504100**		1.00
								5 FV CR			
	1599	4	2003-05	Rio A6D DOHC	78.00	1.20	3.33	398 BF CR S	**2C4118**	4 Cyl.	STD
						1.20	3.23	610 RVT PC GI	**2C4118020**		0.50
						2.50	2.92	533 FV CR	**2C4118030**		0.75
								732 FV CR	**2C4118040**		1.00

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
KIA											
	1597	4	1994-97	Sephia SOHC DOHC Mazada B6	78.00	1.50	2.97	032 BF PC GI	**4265**	4 Cyl.	STD
						1.50	3.38	126 RVT PC GI	**4265010**		0.25
						4.00	3.30	058 FV CR	**4265020**		0.50
								732 FV CR	**4265030**		0.75
									4265040		1.00
									4265060		1.50
								362 BF 3CR GI	**2C4265**		STD
								126 RVT PC GI	**2C4265010**		0.25
								058 FV CR	**2C4265020**		0.50
								732 FV CR	**2C4265030**		0.75
									2C4265040		1.00
									2C4265060		1.50
								327 BF PM GI	**2M4265**		STD
								126 RVT PC GI	**2M4265010**		0.25
								058 FV CR	**2M4265020**		0.50
								732 FV CR	**2M4265030**		0.75
									2M4265040		1.00
									2M4265060		1.50
	1600	4	1994-98	5BP, Sephia SOHC, DOHC	78.00	1.50	3.35	362 BF 3CR GI	**2C4737**	4 Cyl.	STD
						1.50	3.38	126 RVT PC GI	**2C4737010**		0.25
						3.00	3.30	054 FV CR	**2C4737020**		0.50
								732 FV CR	**2C4737030**		0.75
									2C4737040		1.00
									2C4737060		1.50
								3362 BF 3CR GI	**2N4737**		STD
								126 RVT PC GI			
								054 FV CR			
								732 FV CR			
	2497	6	1999-On	K5, DOHC, Carnival 24V	80.00	1.20	3.33	398 BF CR S	**2C5221**	6 Cyl.	STD
						1.50	3.35	401 SCRP PC GI	**2C5221020**		0.50
						2.50	2.92	995 FV CR			
								732 FV CR			
G4NBB	1999	4	2012-16	DOHC "NU SERIES" SOUL, FORTE, SPORTAGE, OPTIMA	81.00	1.00	3.33	398 BF CR S	**2C4357**	4 Cyl.	STD
						1.20	3.15	126 RVT PC GI	**2C435750**		1.25
						2.00	2.54	990 FV CR	**2C4357100**		2.50
								005 FV CR			
	1975	4	2005-10	G4GF, DOHC w/2.0mm Oil Ring	82.00	1.20	3.12	398 BF CR S	**2C5825**	4 Cyl.	STD
						1.20	3.48	610 RVT PC GI	**2C5825020**		0.50
						2.00	2.92	993 FV CR	**2C5825040**		1.00
								005 FV CR			
	1839	4	1994-97		83.00	1.50	3.20	032 BF PC GI	**4651**	4 Cyl.	STD
						1.50	3.25	126 RVT PC GI	**4651010**		0.25
						3.00	3.30	054 FV CR	**4651020**		0.50
								732 FV CR	**4651040**		1.00
								376 BF CR DI	**2C4651**		STD
								126 RVT PC GI	**2C4651010**		0.25
								054 FV CR	**2C4651020**		0.50
								732 FV CR	**2C4651030**		0.75
									2C4651040		1.00
									2C4651060		1.50
								326 TBF GN SS	**2N4651**		STD
								435 SCRP PC GI			
								672 FV GN			
								708 FV GN			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
KIA											
	2000	4	1994-02	3FE, Sportage	86.00	1.50	3.45	032 BF PC GI	**5664**	4 Cyl.	STD
						1.50	3.78	435 SCRP PC GI	**5664020**		0.50
						4.00	3.68	058 FV CR	**5664030**		0.75
								732 FV CR	**5664040**		1.00
									5664060		1.50
								362 BF 3CR GI	**2C5664**		STD
								435 SCRP PC GI	**2C5664010**		0.25
								058 FV CR	**2C5664020**		0.50
								732 FV CR	**2C5664030**		0.75
									2C5664040		1.00
									2C5664060		1.50
								335 T PM DI	**2M5664**		STD
								435 SCRP PC GI	**2M5664010**		0.25
								058 FV CR	**2M5664020**		0.50
								732 FV CR	**2M5664030**		0.75
									2M5664040		1.00
									2M5664060		1.50
								322 BF GN SS	**2N5664**		STD
								126 RVT PC GI			
								672 FV GN			
								708 FV GN			
	2351	4	2000-05	Vin:S G4JS, L4	86.50	1.20	3.33	398 BF CR S	**2C4780**	4 Cyl.	STD
						1.50	3.45	126 RVT PC GI	**2C4780020**		0.50
						2.80	2.79	997 FV CR	**2C4780030**		0.75
								732 FV CR	**2C4780040**		1.00
									2C4780060		1.50
	2656	6		G6BA DOHC Rondo, Sportage	86.68	1.20	3.33	398 BF CR S	**2C5265**	6 Cyl.	STD
						1.20	3.91	610 RVT PC GI	**2C5265020**		0.50
						2.50	3.05	995 FV CR	**2C5265030**		0.75
								732 FV CR	**2C5265040**		1.00
G6A5	2656	6	2007-15	DOHC KEE, OPITMA, RONDO, SPORTAGE	86.70	1.20	3.33	398 BF CR S	**2C5384**	6 Cyl.	STD
						1.20	3.78	435 SCRP PC GI	**2C538450**		0.50
						2.00	3.05	993 FV CR			
								732 FV CR			
	2359	4	2006-15	G4KC, G4KJ DOHC Forte, Optima, Sportage	88.00	1.20	3.33	398 BF CR S	**2C5297**	4 Cyl.	STD
						1.20	3.33	126 RVT PC GI	**2C5297020**		0.50
						2.00	2.79	993 FV CR	**2C5297030**		0.75
								005 FV CR	**2C5297040**		1.00
	3342	6	2008-15	G6DB G6DG V6 Cadenza, Sorento	92.00	1.20	3.33	398 BF CR S	**2C5260**	6 Cyl.	STD
			2011-15	DOHC, G6DC V-6 Sedona, Sorento		1.20	3.81	610 RVT PC GI	**2C5260020**		0.50
						2.00	2.92	991 FV CR	**2C5260030**		0.75
								005 FV CR	**2C5260040**		1.00
	3497	6	2002-06	DOHC, G6CU V-6	93.00	1.50	3.48	032 BF PC GI	**4883**	6 Cyl.	STD
						1.50	3.78	126 RVT PC GI	**4883020**		0.50
						3.00	2.79	997 FV CR	**4883030**		0.75
								732 FV CR	**4883040**		1.00
								327 BF PM GI	**2M4883**		STD
								126 RVT PC GI	**2M4883020**		0.50
								997 FV CR	**2M4883030**		0.75
								732 FV CR	**2M4883040**		1.00
		4		K2700 Diesel Pregio, Besta J2 SOHC	94.50	2.00	3.58	336 T PM DI	**2D5040**	4 Cyl.	STD
						2.00	4.17	126 RVT PC GI	**2D504050**		0.50
						3.00	3.45	553 CF CR GI			
								881 2PCO			
	3778	6	2007-10	DOHC Amanti, Borrego, Sedona, Sorento	96.00	1.20	3.12	398 BF CR S	**2C4550**	6 Cyl.	STD
						1.20	3.81	610 RVT PC GI	**2C4550020**		0.50
						2.00	2.92	991 FV CR	**2C4550030**		0.75
								005 FV CR	**2C4550040**		1.00
	3455	4		K-3500 w/Mazda Diesel SL	100.00	2.50	4.34	362 BF 3CR GI	**2D5066**	4 Cyl.	STD
						2.00	4.37	126 RVT PC GI	**2D506650**		0.50
						4.50	4.14	553 CF CR GI			
								881 2PCO			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
KIA											
		4		K3600 Diesel	100.00	2.00	3.58	335 T PM DI	**2D5067**	4 Cyl.	STD
						2.00	4.37	126 RVT PC GI			
						3.00	4.14	553 CF CR GI			
								881 2PCO			
KMZ, DNEPR											
		4		L654	66.68	2.25	3.35	102 T PC GI	**7859**	4 Cyl.	STD
						2.25	3.15	126 RVT PC GI			
						4.75	1.27	871 FV CR			
								732 FV CR			
								362 BF 3CR GI	**2C7859**		STD
								126 RVT PC GI	**2C7859020**		0.50
								871 FV CR	**2C7859030**		0.75
								732 FV CR	**2C7859040**		1.00
				CH18, 20, 22; CV16, 18, 20, 22, Twins	77.00	1.50	3.10	335 T PM DI	**2M4765**	1 Cyl.	STD
						1.50	3.33	401 SCRP PC GI			
						3.00	3.56	054 FV CR			
								732 FV CR			
				KT17 Twin, M-18	79.38	1.60	3.76	363 BF CR GI	**2C6170**	2 Cyl.	STD
						1.60	3.43	126 RVT PC GI			
						4.00	3.30	058 FV CR			
								732 FV CR			
				CH25, CH26, CH732, CH740, CH750, Twin CV25, CV26, CV730, CV740, CV750	83.00	1.50	3.20	032 BF PC GI	**5376**	2 Cyl.	STD
						1.50	3.25	126 RVT PC GI	**5376010**		0.25
						3.00	3.30	054 FV CR	**5376020**		0.50
								732 FV CR			
				K301S K532S Use 2 sets	85.73	2.00	4.04	032 BF PC GI	**6474**	1 Cyl.	STD
						2.00	4.06	126 RVT PC GI	**6474010**		0.25
						4.75	1.27	860 FV CR	**6474030**		0.75
								732 FV CR			
								362 BF 3CR GI	**2C6474**		STD
								126 RVT PC GI	**2C6474010**		0.25
								860 FV CR			
								732 FV CR			
				Command Engs. 11, 12 1/2, 14 H.P.	87.00	1.50	3.61	102 T PC GI	**4756**	1 Cyl.	STD
						1.50	3.63	102 T PC GI	**4756010**		0.25
						3.00	3.30	054 FV CR	**4756020**		0.50
								732 FV CR			
				K321S K592 Use 2 sets	88.90	2.38	4.19	032 BF PC GI	**6667**	1 Cyl.	STD
						2.00	4.22	126 RVT PC GI	**6667020**		0.50
						4.75	1.27	860 FV CR			
								732 FV CR			
							4.17	327 BF PM GI	**2M4793**		STD
							4.19	126 RVT PC GI	**2M4793010**		0.25
							3.43	058 FV CR			
								732 FV CR			
				K341	95.25	2.25	4.47	362 BF 3CR GI	**2C5311**	1 Cyl.	STD
						2.25	4.50	126 RVT PC GI	**2C5311020**		0.50
						4.75	1.27	860 FV CR	**2C5311030**		0.75
								732 FV CR			
KUBOTA											
		4		V1702 Diesel Melroe Bobcat	82.00	2.50	3.86	370 HKST 3CR GI	**2D4706**	4 Cyl.	STD
						2.00	3.89	401 SCRP PC GI			
						5.00	4.34	553 CF CR GI			
								881 2PCO			
LADA-RUSSIAN											
	1300	4	1987-On	Samara	76.00	1.50	3.45	032 BF PC GI	**4460**	4 Cyl.	STD
						2.00	3.48	401 SCRP PC GI	**4460016**		0.41
						4.00	3.94	055 FV CR	**4460032**		0.81
								732 FV CR			
								362 BF 3CR GI	**2C4460**		STD
								401 SCRP PC GI	**2C4460016**		0.41
								055 FV CR	**2C4460020**		0.50
								732 FV CR	**2C4460032**		0.81

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
LADA-RUSSIAN											
		4		1200, 1300, 1500	76.00	1.50	3.45	032 BF PC GI	**4493**	4 Cyl.	STD
						2.00	3.48	401 SCRP PC GI	**4493016**		0.41
						4.00	3.94	056 FV CR	**4493024**		0.61
								732 FV CR	**4493032**		0.81
									4493040		1.00
									4493063		1.60
								362 BF 3CR GI	**2C4493**		STD
								401 SCRP PC GI	**2C4493010**		0.25
								056 FV CR	**2C4493016**		0.41
								732 FV CR	**2C4493020**		0.50
									2C4493024		0.61
									2C4493030		0.75
									2C4493032		0.81
									2C4493040		1.00
									2C4493060		1.50
									2C4493063		1.60
	1600	4		2121 NIVA 4WD	79.00	1.50	3.40	032 BF PC GI	**6143**	4 Cyl.	STD
						2.00	3.43	126 RVT PC GI	**6143020**		0.50
						4.00	3.81	056 FV CR	**6143040**		1.00
								732 FV CR			
								362 BF 3CR GI	**2C6143**		STD
								126 RVT PC GI	**2C6143016**		0.41
								056 FV CR	**2C6143020**		0.50
								732 FV CR	**2C6143024**		0.61
									2C6143032		0.81
									2C6143040		1.00
									2C6143060		1.50
									2C6143063		1.60
	1500	4	1987-On	Samara	82.00	1.50	3.23	032 BF PC GI	**4461**	4 Cyl.	STD
						2.00	3.25	126 RVT PC GI	**4461016**		0.41
						4.00	4.24	055 FV CR	**4461032**		0.81
								732 FV CR			
								362 BF 3CR GI	**2C4461**		STD
								126 RVT PC GI	**2C4461016**		0.41
								055 FV CR	**2C4461032**		0.81
								732 FV CR			
	1499	4	2000-On	Natacha, Sagona, Samara	82.00	1.50	3.23	362 BF 3CR GI	**2C9377**	4 Cyl.	STD
						2.00	3.25	126 RVT PC GI	**2C9377016**		0.41
						4.00	3.43	058 FV CR	**2C9377032**		0.81
								732 FV CR			
	1905		1999-On	Diesel XUD9SD	83.00	3.00	3.61	221 FKST CC DI	**2D7351**	1 Cyl.	STD
						2.00	3.63	202 TTF PC DI			
						3.00	3.68	204 CF CR DI			
								881 2PCO			
	1905		1993-On	Diesel XUD9A	83.00	2.00	3.61	217 BF CR DI	**2C7372**	1 Cyl.	STD
						2.00	3.63	202 TTF PC DI			
						3.00	3.68	204 CF CR DI			
								881 2PCO			
	1800	4	1993-On	Aleko	85.00	1.50	3.43	362 BF 3CR GI	**2C9340**	4 Cyl.	STD
						2.00	4.04	401 SCRP PC GI			
						3.00	3.30	054 FV CR			
								732 FV CR			
LANCIA											
841 G.000	2387		2003-09	2.4L JTD Turbo Diesel Thesis	87.00	2.00	3.53	205 BF CR DI	**2D7366**	1 Cyl.	STD
						2.00	3.68	214 RVL PC DI			
						2.00	2.87	248 CF CR			
								881 2PCO			
LAUSON-TECUMSEH											
				HH100	80.96	2.25	3.71	032 BF PC GI	**4663**	1 Cyl.	STD
						2.25	3.23	126 RVT PC GI			
						4.75	4.39	860 FV CR			
								732 FV CR			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
LAUSON-TECUMSEH											
				HH80, 100, 140; VH80, 100	84.14	2.25	3.99	032 BF PC GI	**6627**	1 Cyl.	STD
						2.25	4.01	126 RVT PC GI	**6627030**		0.75
						4.75	1.27	860 FV CR			
								732 FV CR			
				HH80, 100, 120, 150, 160	88.90	2.25	4.19	032 BF PC GI	**6427**	1 Cyl.	STD
						2.25	3.66	126 RVT PC GI			
						4.75	3.99	501 1PCO PC GI			
LE ROI											
				200 High Pressure Cyl.	47.63	2.25	2.24	102 T PC GI	**4494**	1 Cyl.	STD
						2.25	2.26	102 T PC GI			
						3.18	1.96	501 1PCO PC GI			
		4		K, KF, KP, RYP, W, WC, WCP, WCW, WF, WP, WR, WRF, WRP, WRW, WW, WW3, Y, YC, YCP, YF, YP, YR, YRF, YRP, P2677D Piston #8-170 or 8-122-1	69.85	3.18	3.25	032 BF PC GI	**4854**	4 Cyl.	STD
						3.18	3.23	401 SCRP PC GI			
						4.75	3.81	871 FV CR			
								732 FV CR			
D133		4			82.55	3.18	3.89	032 BF PC GI	**5060**	4 Cyl.	STD
						3.18	3.78	126 RVT PC GI	**5060020**		0.50
						4.75	1.27	860 FV CR	**5060060**		1.50
								732 FV CR			
								362 BF 3CR GI	**2C5060**		STD
								126 RVT PC GI			
								860 FV CR			
								732 FV CR			
		4		D176	95.25	3.18	4.17	362 BF 3CR GI	**2C7669**	4 Cyl.	STD
						3.18	3.94	126 RVT PC GI			
						3.18	3.94	126 RVT PC GI			
						4.75	1.27	860 FV CR			
								732 FV CR			
				300 Low Pressure Cyl.	101.60	3.18	4.39	032 BF PC GI	**5678**	1 Cyl.	STD
						3.18	4.11	126 RVT PC GI			
						3.18	4.11	126 RVT PC GI			
						4.75	4.37	501 1PCO PC GI			
		4		D201, D226	101.60	3.18	4.39	362 BF 3CR GI	**2C702**	4 Cyl.	STD
						3.18	4.11	126 RVT PC GI			
						3.18	4.11	126 RVT PC GI			
						4.75	4.88	860 FV CR			
								732 FV CR			
				400 Low Pressure Cyl.	114.30	3.18	4.83	363 BF CR GI	**2C5683**	1 Cyl.	STD
				880A High Pressure Cyl.		3.18	4.85	126 RVT PC GI			
						3.18	4.85	126 RVT PC GI			
						4.75	4.85	501 1PCO PC GI			
LEXUS											
2JZGE, 2JZGTE	2997	6	1992-04	2JZGE, 2JZGTE	86.00	1.50	3.86	376 BF CR DI	**2C4713**	6 Cyl.	STD
						1.50	3.78	435 SCRP PC GI	**2C4713010**		0.25
						4.00	3.43	058 FV CR	**2C4713020**		0.50
								732 FV CR	**2C4713030**		0.75
									2C4713040		1.00
ES250, 2VZFE	2507	6	1990-91	ES250, 2VZFE	87.50	1.50	3.25	335 T PM DI	**2M4676**	6 Cyl.	STD
						1.50	3.28	126 RVT PC GI	**2M4676020**		0.50
						3.00	2.67	997 FV CR	**2M4676030**		0.75
								732 FV CR	**2M4676040**		1.00
LS400, SC400, 1UZFE	3969	8	1990-98	LS400, SC400, 1UZFE	87.50	1.50	3.25	335 T PM DI	**2M4678**	8 Cyl.	STD
						1.50	3.28	126 RVT PC GI	**2M4678020**		0.50
						3.00	2.67	997 FV CR	**2M4678030**		0.75
								732 FV CR	**2M4678040**		1.00
3VZ-F, 3VZFE, ES300	2959	6	1992-93	3VZFE, ES300	87.50	1.50	3.25	397 BF PM S	**2M4689**	6 Cyl.	STD
						1.50	3.28	126 RVT PC GI	**2M4689010**		0.25
						4.00	2.92	856 FV CR	**2M4689020**		0.50
								732 FV CR	**2M4689030**		0.75
									2M4689040		1.00
								322 BF GN SS	**2N4689**		STD
								126 RVT PC GI			
								672 FV GN			
								708 FV GN			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
LEXUS											
1MZFE	2959	6	1994-05	1MZFE, ES300	87.50	1.20	3.33	398 BF CR S	**2C4902**	6 Cyl.	STD
						1.20	3.33	126 RVT PC GI	**2C4902010**		0.25
						3.00	2.67	997 FV CR	**2C4902020**		0.50
								732 FV CR	**2C4902030**		0.75
									2C4902040		1.00
								398 BF CR S	**2N4902**		STD
								126 RVT PC GI			
								672 FV GN			
								708 FV GN			
GS430, LS430	4293	8	2001-10	3UZFE GS430, LS430 DOHC 32V	91.00	1.20	3.53	398 BF CR S	**2C4561**	8 Cyl.	STD
						1.20	3.81	610 RVT PC GI			
						3.00	2.92	997 FV CR			
								732 FV CR			
2GRFE	3456	6	2007-12	2GRFE DOHC ES350 RX350	94.00	1.20	3.12	398 BF CR S	**2C4511**	6 Cyl.	STD
						1.20	3.35	610 RVT PC GI	**2C4511020**		0.50
						2.00	3.05	991 FV CR	**2C4511030**		0.75
								005 FV CR	**2C4511040**		1.00
2UZFE, LX470	4700	8	1999-06	2UZFE, LX470	94.00	1.50	3.45	335 T PM DI	**2M5017**	8 Cyl.	STD
						1.50	3.84	126 RVT PC GI	**2M5017010**		0.25
						4.00	2.92	856 FV CR	**2M5017020**		0.50
								732 FV CR	**2M5017030**		0.75
									2M5017040		1.00
LX450, 1FZFE	4477	6	1996-97	LX450, 1FZFE	100.00	1.75	3.96	363 BF CR GI	**2C4776**	6 Cyl.	STD
						2.00	3.99	126 RVT PC GI	**2C4776010**		0.25
						4.00	3.18	052 FV CR	**2C4776020**		0.50
								732 FV CR	**2C4776030**		0.75
									2C4776040		1.00
LYCOMING											
		6			88.90	3.18	3.96	362 BF 3CR GI	**2D7670**	6 Cyl.	STD
						3.18	3.66	126 RVT PC GI			
						3.18	3.66	126 RVT PC GI			
						4.75	4.24	553 CF CR GI			
								881 2PCO			
		6			92.08	3.18	3.84	362 BF 3CR GI	**2C4008**	6 Cyl.	STD
						3.18	3.86	126 RVT PC GI			
						3.18	3.86	126 RVT PC GI			
						4.75	1.27	860 FV CR			
								732 FV CR			
		12			92.08	2.38	4.06	032 BF PC GI	**4386**	12 Cyl.	STD
						3.18	3.86	126 RVT PC GI			
						3.18	3.86	126 RVT PC GI			
						4.75	1.27	860 FV CR			
								732 FV CR			
								362 BF 3CR GI	**2C4386**		STD
								126 RVT PC GI			
								126 RVT PC GI			
								860 FV CR			
								732 FV CR			
		6			95.25	3.18	3.91	362 BF 3CR GI	**2D5028**	6 Cyl.	STD
						3.18	3.94	126 RVT PC GI			
						3.18	3.94	126 RVT PC GI			
						4.75	4.45	553 CF CR GI			
								881 2PCO			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
M.G.											
	1098	4	1963-66	1100 MG-Midget, MK II	64.57	1.60	3.00	032 BF PC GI	**6742**	4 Cyl.	STD
						1.60	3.02	032 BF PC GI	**6742010**		0.25
						1.60	3.02	401 SCRP PC GI	**6742020**		0.50
						3.00	1.27	716 FV	**6742030**		0.75
								710 FV CR	**6742040**		1.00
									6742060		1.50
									6742080		2.00
									6742100		2.50
									6742120		32.00
								362 BF 3CR GI	**2C6742**		STD
								032 BF PC GI	**2C6742010**		0.25
								401 SCRP PC GI	**2C6742020**		0.50
								710 FV CR	**2C6742030**		0.75
								732 FV CR	**2C6742040**		1.00
									2C6742060		1.50
		4		TC, TD, w/Covmo Piston #12387	69.02	1.60	2.97	102 T PC GI	**6893**	4 Cyl.	STD
						1.60	3.00	102 T PC GI			
						4.00	3.68	058 FV CR			
								732 FV CR			
	1275	4	1967-74	Midget Mark III, 1300 Hepolite Piston 20394, 20747, 20814	70.61	1.60	3.30	102 T PC GI	**6802**	4 Cyl.	STD
						1.60	3.33	102 T PC GI	**6802020**		0.50
						1.60	3.33	102 T PC GI	**6802030**		0.75
						4.00	3.43	058 FV CR	**6802040**		1.00
								732 FV CR	**6802060**		1.50
								362 BF 3CR GI	**2C6802**		STD
								102 T PC GI	**2C6802020**		0.50
								102 T PC GI	**2C6802030**		0.75
								058 FV CR	**2C6802040**		1.00
								732 FV CR	**2C6802060**		1.50
	1489	4	1956-61	'A' Series Midget, Magnette ZA, Mark III, MGA 1500	73.03	1.60	3.10	102 T PC GI	**5897**	4 Cyl.	STD
						1.60	3.12	102 T PC GI	**5897020**		0.50
						1.60	3.12	102 T PC GI	**5897030**		0.75
						4.00	3.30	058 FV CR	**5897040**		1.00
								732 FV CR	**5897060**		1.50
	1500	4	1975-79	Midget Mark III	73.66	1.60	3.20	102 T PC GI	**6840**	4 Cyl.	STD
						1.60	3.23	401 SCRP PC GI	**6840010**		0.25
						4.00	3.56	058 FV CR	**6840020**		0.50
								732 FV CR	**6840030**		0.75
									6840040		1.00
									6840060		1.50
								362 BF 3CR GI	**2C6840**		STD
								401 SCRP PC GI	**2C6840020**		0.50
								058 FV CR	**2C6840030**		0.75
								732 FV CR	**2C6840040**		1.00
MK11	1275	4	1967-73	MIDGET, MK11, 1300 A SERIES	70.62	1.50	2.95	32 BF PC GI	**4355**	4 Cyl.	STD
			1982-87	A+ SERIES MG METRO		1.50	2.97	126 RVT PC GI	**4355020**		0.50
						3.00	3.30	54 FV CR	**4355040**		1.00
								732 FV CR	**4355060**		1.50
	1798	4	1963-71	MGB Series, High Comp. 4 Ring Piston	80.26	1.60	3.68	102 T PC GI	**6738**	4 Cyl.	STD
	1800					1.60	3.71	102 T PC GI	**6738030**		0.75
						1.60	3.71	102 T PC GI			
						4.00	3.94	056 FV CR			
								732 FV CR			
	1798	4	1972-79	Engs. MGB w/Hepolite Piston, Low Comp. 3 Ring Piston	80.26	1.60	3.68	102 T PC GI	**9526**	4 Cyl.	STD
	1800					1.60	3.71	102 T PC GI	**9526030**		0.75
						4.00	3.94	056 FV CR			
								732 FV CR			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
MACK											
		6		EN253 FO	88.90	3.18	3.96	362 BF 3CR GI	**2C5012**	6 Cyl.	STD
				FO		3.18	3.66	126 RVT PC GI			
						3.18	3.66	126 RVT PC GI			
						4.75	1.27	860 FV CR			
						4.75	3.99	732 FV CR			
								501 1PCO PC GI			
		6		CU 5 Ring Piston	98.43	3.18	4.29	032 BF PC GI	**4064**	6 Cyl.	STD
				EN354		3.18	4.32	126 RVT PC GI			
						3.18	4.32	126 RVT PC GI			
						4.75	4.88	860 FV CR			
						4.75	4.32	732 FV CR			
								501 1PCO PC GI			
		6		BC, CE, EN330 Engs. 4 Ring Piston	101.60	3.18	4.39	363 BF CR GI	**2C4007**	6 Cyl.	STD
						3.18	4.11	126 RVT PC GI			
						3.18	4.11	126 RVT PC GI			
						4.75	4.88	860 FV CR			
								732 FV CR			
		6		BC, CE, EN300 Engs. 5 Ring Piston	101.60	3.18	4.39	363 BF CR GI	**2C5033**	6 Cyl.	STD
				EN405 Late 5 Ring Piston		3.18	4.11	126 RVT PC GI			
				EN415		3.18	4.11	126 RVT PC GI			
				FU 5 Ring Piston		4.75	4.88	860 FV CR			
						4.75	4.37	732 FV CR			
								501 1PCO PC GI			
		6		EN431A	104.78	2.25	4.93	363 BF CR GI	**2C5155**	6 Cyl.	STD
						3.18	4.52	126 RVT PC GI	**2C5155020**		0.50
						3.18	4.52	126 RVT PC GI			
						4.75	5.00	860 FV CR			
						4.75	4.52	732 FV CR			
								501 1PCO PC GI			
		6		BJ, BK, CT Engs. 4 Ring Piston	114.30	3.18	4.83	363 BF CR GI	**2C4056**	6 Cyl.	STD
						3.18	4.85	126 RVT PC GI			
						3.18	4.85	126 RVT PC GI			
						4.75	5.08	860 FV CR			
								732 FV CR			
		6		CT 5 Ring Piston	114.30	3.18	4.11	032 BF PC GI	**5081**	6 Cyl.	STD
				EN525 5 Ring Piston		3.18	4.85	126 RVT PC GI			
						3.18	4.85	126 RVT PC GI			
						4.75	5.08	860 FV CR			
						4.75	4.85	732 FV CR			
								501 1PCO PC GI			
								363 BF CR GI	**2C5081**		STD
								126 RVT PC GI			
								126 RVT PC GI			
								860 FV CR			
								732 FV CR			
								501 1PCO PC GI			
MASSEY-FERGUSON											
N62		4		(Continental Engine) Pony	60.33	2.38	2.79	032 BF PC GI	**5671**	4 Cyl.	STD
						2.38	2.82	126 RVT PC GI			
						4.75	1.27	870 FV CR			
								732 FV CR			
								362 BF 3CR GI	**2C5671**		STD
								126 RVT PC GI	**2C5671030**		0.75
								870 FV CR			
								732 FV CR			
		4		F124 Cont. 20, 21 Colt, Cont. 81	76.20	3.18	3.45	032 BF PC GI	**727**	4 Cyl.	STD
						3.18	3.48	126 RVT PC GI			
						3.18	3.48	126 RVT PC GI			
						6.00	4.39	860 FV CR			
								732 FV CR			
								362 BF 3CR GI	**2C727**		STD
								126 RVT PC GI			
								126 RVT PC GI			
								860 FV CR			
								732 FV CR			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
MASSEY-FERGUSON											
		6		21, 21A Piston #954800	82.55	2.38	3.89	032 BF PC GI	**144**	6 Cyl.	STD
				30 Chry. Ind. 72, 82		2.25	3.91	126 RVT PC GI	**144040**		1.00
				Cont. 82, 92		4.00	4.39	860 FV CR	**144060**		1.50
				S137 Repl. 101 Super		4.00	3.91	732 FV CR			
								501 1PCO PC GI			
								362 BF 3CR GI	**2C144**		STD
								126 RVT PC GI			
								860 FV CR			
								732 FV CR			
								501 1PCO PC GI			
		6		21, 21A , T112	82.55	3.18	3.89	032 BF PC GI	**4072**	6 Cyl.	STD
				D504-6 101S Tractor		3.18	3.78	126 RVT PC GI	**4072020**		0.50
						3.18	3.78	126 RVT PC GI	**4072060**		1.50
						4.75	1.27	860 FV CR			
								732 FV CR			
								362 BF 3CR GI	**2C4072**		STD
								126 RVT PC GI			
								126 RVT PC GI			
								860 FV CR			
								732 FV CR			
		4		VF4 Wis. No.1 Late S.P. Baler	82.55	2.38	3.89	032 BF PC GI	**4215**	4 Cyl.	STD
				VF4 Wis. 50 P.T. Swather		2.38	3.91	126 RVT PC GI	**4215020**		0.50
						2.38	3.91	126 RVT PC GI	**4215040**		1.00
						4.75	4.39	860 FV CR			
								732 FV CR			
								362 BF 3CR GI	**2C4215**		STD
								126 RVT PC GI			
								126 RVT PC GI			
								860 FV CR			
								732 FV CR			
FC		4		WAUKESHA Engine 15, 17	82.55	3.18	3.89	032 BF PC GI	**5060**	4 Cyl.	STD
						3.18	3.78	126 RVT PC GI	**5060020**		0.50
						4.75	1.27	860 FV CR	**5060060**		1.50
								732 FV CR			
								362 BF 3CR GI	**2C5060**		STD
								126 RVT PC GI			
								860 FV CR			
								732 FV CR			
		4		Models TE20, TO20 McQuay Norris Kit #SA186 Sealed Power Kit #SL1881 Allied Sleeve Kit #WSA312 Ertel Sleeve Kit #SA213 Permite Sleeve Kit #CDA178 Thompson Sleeve Kit #SA169 White Machine Sleeve Kit #G219HCH	82.55	2.25	3.89	032 BF PC GI	**7582**	4 Cyl.	STD
						2.25	3.91	126 RVT PC GI			
						4.00	4.39	860 FV CR			
						4.00	3.91	732 FV CR			
								501 1PCO PC GI			
								362 BF 3CR GI	**2C7582**		STD
								126 RVT PC GI			
								860 FV CR			
								732 FV CR			
								501 1PCO PC GI			
		4		Z129 Cont. TO30	82.55	3.18	3.89	362 BF 3CR GI	**2C7789**	4 Cyl.	STD
						3.18	3.78	126 RVT PC GI			
						3.18	3.78	126 RVT PC GI			
						4.75	4.39	860 FV CR			
								732 FV CR			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
MASSEY-FERGUSON											
		4		Models TE20, TO20 McQuay Norris Kit #SA186 Sealed Power Kit #SL1881 Allied Sleeve Kit #WSA312 Ertel Sleeve Kit #SA213 Permite Sleeve Kit #CDA178 Thompson Sleeve Kit #SA169 White Machine Sleeve Kit #G219HCH	84.14	2.25	3.99	032 BF PC GI	**7537**	4 Cyl.	STD
						2.25 4.00 4.00	4.01 4.39 4.01	126 RVT PC GI 860 FV CR 732 FV CR 501 1PCO PC GI			
		4		Z134 Cont. F40, 50, MF35, 50, 202, 204, * 2135, 2200, MH50, TO35	84.14	3.18	3.81	362 BF 3CR GI	**2C7578**	4 Cyl.	STD
						3.18 3.18 4.75	3.84 3.84 4.39	126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR			
		6		120 20, 21, 21A Piston #974084	85.73	2.25	4.04	362 BF 3CR GI	**2C438**	6 Cyl.	STD
						2.25 4.00 4.00	3.89 4.39 3.89	126 RVT PC GI 860 FV CR 732 FV CR 501 1PCO PC GI	**2C438020** **2C438030**		0.50 0.75
		4		Continental Z129, Z134 Engs. Overbore Conversion; Continental TO30, Z134 Engs. Overbore Conversion MH50, to 35 Allied Sleeve Kit #WSA313 Perfect Circle Sleeve Kit #WSA313	85.73	2.25	4.04	362 BF 3CR GI	**2C7207**	4 Cyl.	STD
						3.18 3.18 6.00	3.89 3.89 4.39	126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR			
		4		Continental Z129, Z134 Engs. Ertel Sleeve Kit #SA214 White Machine Kit #G243HCH Genuine Parts Kit #S105, SA327 McQuay Norris Kit #SA201 M & W Sleeve Kit #SP23 Sealed Power Kit #SL1762 Thompson Sleeve Kit #SA185	85.73	2.25	4.04	362 BF 3CR GI	**2C7671**	4 Cyl.	STD
						2.25 2.25 4.75	4.06 4.06 1.27	126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR			
		4		Z145 Cont. MF135G, MF150G	85.73	3.18	4.04	362 BF 3CR GI	**2C7762**	4 Cyl.	STD
				Continental Z129, Z134 Engs. Ertel Sleeve Kit #SA214 White Machine Kit #G243HCH Genuine Parts Kit #S105, SA327 McQuay Norris Kit #SA201 M & W Sleeve Kit #SP23 Sealed Power Kit #SL1762 Thompson Sleeve Kit #SA185		3.18	3.89	126 RVT PC GI			
						3.18 4.75	3.89 1.27	126 RVT PC GI 860 FV CR 732 FV CR			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
MASSEY-FERGUSON											
		6		170 Chry. Ind. MF205	86.36	2.00	4.09	032 BF PC GI	**687**	6 Cyl.	STD
				H225 Gas Chry. Ind. MF300		2.00	4.11	126 RVT PC GI	**687020**		0.50
						4.75	4.75	860 FV CR	**687030**		0.75
								732 FV CR	**687040**		1.00
									687060		1.50
								362 BF 3CR GI	**2C687**		STD
								126 RVT PC GI	**2C687020**		0.50
								860 FV CR	**2C687030**		0.75
								732 FV CR	**2C687040**		1.00
									2C687060		1.50
								327 BF PM GI	**2M687**		STD
								126 RVT PC GI	**2M687030**		0.75
								860 FV CR	**2M687040**		1.00
								732 FV CR	**2M687060**		1.50
		6		201 Repl. 27	87.31	2.38	3.61	032 BF PC GI	**445**	6 Cyl.	STD
				265 Chry. Ind. 92, Super 92		2.38	4.14	126 RVT PC GI			
						4.00	4.50	860 FV CR			
						4.00	4.14	732 FV CR			
								501 1PCO PC GI			
								362 BF 3CR GI	**2C445**		STD
								126 RVT PC GI			
								860 FV CR			
								732 FV CR			
								501 1PCO PC GI			
				AD4.203 Diesel Perkins MF300 For Late Piston Chrome Sleeves use 7140 only	91.44	2.25	3.84	103 T PC DI	**7140**	1 Cyl.	STD
				3A.152 Perkins MF35D, MF50D, MF2200 * Chrome Sleeves use 7140 only		2.25	3.86	103 T PC DI			
				3A.152D Diesel Perkins 203, 205, MF1350, MF1500, MF2135 3A.152D S/N 1935854-on For Late Piston Chrome Sleeves use 7140 only		3.18	3.86	103 T PC DI			
				4A203D Perkins 35 Late Piston Chrome Sleeves use 7140 only		6.35	3.86	502 1PCO PC DI			
						6.35	3.86	502 1PCO PC DI			
		4		Continental E201 M & W Sleeve Kit #SP39	95.25	3.18	4.17	362 BF 3CR GI	**2D4611**	4 Cyl.	STD
						3.18	3.94	126 RVT PC GI			
						3.18	3.94	126 RVT PC GI			
						6.35	4.85	553 CF CR GI			
								881 2PCO			
		6		14	95.25	3.18	3.91	362 BF 3CR GI	**2D5028**	6 Cyl.	STD
						3.18	3.94	126 RVT PC GI			
						3.18	3.94	126 RVT PC GI			
						4.75	4.45	553 CF CR GI			
								881 2PCO			
		6		292 Chev. 410	98.43	2.25	4.62	032 BF PC GI	**668**	6 Cyl.	STD
						2.25	3.99	126 RVT PC GI	**668010**		0.25
						4.75	4.88	860 FV CR	**668020**		0.50
								732 FV CR	**668030**		0.75
									668040		1.00
									668060		1.50
									668080		2.00
								362 BF 3CR GI	**2C668**		STD
								126 RVT PC GI	**2C668010**		0.25
								860 FV CR	**2C668020**		0.50
								732 FV CR	**2C668030**		0.75
									2C668040		1.00
									2C668060		1.50
									2C668080		2.00
								327 BF PM GI	**2M668**		STD
								126 RVT PC GI	**2M668010**		0.25
								860 FV CR	**2M668020**		0.50
								732 FV CR	**2M668030**		0.75
									2M668040		1.00
									2M668060		1.50
									2M668080		2.00

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
MASSEY-FERGUSON											
		6		A6.354 Perkins 510	98.43	2.25	3.96	362 BF 3CR GI	**2C7137**	6 Cyl.	STD
				A6.354 Perkins MF1100D		2.25	3.99	126 RVT PC GI			
						2.25	3.99	126 RVT PC GI			
						6.35	2.21	501 1PCO PC GI			
						6.35	3.48	825 2PCO			
								501 1PCO PC GI			
		4		AG4-212 Perkins MF30G, MF165G	98.48	2.25	3.96	362 BF 3CR GI	**2C7243**	4 Cyl.	STD
						2.25	3.99	126 RVT PC GI			
						2.25	3.99	126 RVT PC GI			
						6.00	4.24	871 FV CR			
								732 FV CR			
		8		327 Chev. 510	101.60	2.00	4.78	032 BF PC GI	**139**	8 Cyl.	STD
						2.00	4.80	126 RVT PC GI	**139010**		0.25
						4.75	4.88	860 FV CR	**139020**		0.50
								732 FV CR	**139030**		0.75
									139040		1.00
									139060		1.50
									139070		1.75
									139080		2.00
									139100		2.50
								362 BF 3CR GI	**2C139**		STD
								126 RVT PC GI	**2C139010**		0.25
								860 FV CR	**2C139020**		0.50
								732 FV CR	**2C139030**		0.75
									2C139040		1.00
									2C139060		1.50
									2C139070		1.75
									2C139080		2.00
								397 BF PM S	**2M139**		STD
								126 RVT PC GI	**2M139005**		0.13
								860 FV CR	**2M139010**		0.25
								732 FV CR	**2M139020**		0.50
									2M139030		0.75
									2M139040		1.00
									2M139060		1.50
									2M139070		1.75
									2M139080		2.00
									2M139100		2.50
		4		11, 12	101.60	3.18	4.39	362 BF 3CR GI	**2C702**	4 Cyl.	STD
				15-22, GI, GP		3.18	4.11	126 RVT PC GI			
						3.18	4.11	126 RVT PC GI			
						4.75	4.88	860 FV CR			
								732 FV CR			
		4		HD277 Cont. MF85, MF88	101.60	2.50	4.78	363 BF CR GI	**2C7116**	4 Cyl.	STD
						3.18	4.11	126 RVT PC GI			
						3.18	4.11	126 RVT PC GI			
						6.35	2.59	501 1PCO PC GI			
						4.75	4.37	825 2PCO			
								501 1PCO PC GI			
		4		Massey-Ferguson Clevite Piston A1103P Clevite Kit #SP11D	101.60	2.25	4.78	362 BF 3CR GI	**2C7638**	4 Cyl.	STD
						3.18	4.11	126 RVT PC GI			
						3.18	4.11	126 RVT PC GI			
						6.00	4.88	860 FV CR			
						6.35	4.24	732 FV CR			
								501 1PCO PC GI			
		4		Massey-Ferguson M & W Sleeve Kit #SP11D White Machine G253CH	101.60	2.25	4.78	362 BF 3CR GI	**2C7643**	4 Cyl.	STD
						2.25	4.80	126 RVT PC GI			
						3.18	4.11	126 RVT PC GI			
						6.00	4.88	860 FV CR			
						6.35	4.24	732 FV CR			
								501 1PCO PC GI			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
MASSEY-FERGUSON											
		6		M333 Cont. 203, 203G, Ind.	101.60	3.18	4.39	362 BF 3CR GI	**2C7761**	6 Cyl.	STD
						3.18	4.11	126 RVT PC GI			
						3.18	4.11	126 RVT PC GI			
						6.00	4.88	860 FV CR			
								732 FV CR			
		4		44 Series Gas, Dist. & Diesel w/Superior A1065 * Piston	101.60	2.50	4.78	363 BF CR GI	**2C7795**	4 Cyl.	STD
				Continental H260 M & W Sleeve Kit #SP11 Allied Sleeve Kit #WSA327 Genuine Parts Kit #S147, S148 McQuay Norris Kit #SA194 Permite Sleeve Kit #CSA237 Sealed Power Kit #SL1774 Thompson Sleeve Kit #SA177 White Machine Sleeve Kit #G208RHCH Piston A 1065		2.25	4.42	126 RVT PC GI			
						2.25	4.42	126 RVT PC GI			
						6.00	4.88	860 FV CR			
								732 FV CR			
		4		Continental H260 M & W Sleeve Kit #SP11 Allied Sleeve Kit #WSA327 Genuine Parts Kit #S147, S148 McQuay Norris Kit #SA194 Permite Sleeve Kit #CSA237 Sealed Power Kit #SL1774 Thompson Sleeve Kit #SA177 White Machine Sleeve Kit #G208RHCH Piston A 1065	101.60	2.50	4.78	363 BF CR GI	**2C7997**	4 Cyl.	STD
						2.25	4.80	126 RVT PC GI			
						3.18	4.11	126 RVT PC GI			
						6.00	4.88	860 FV CR			
								732 FV CR			
		6		F320G Wauk. MF1100G	104.78	2.25	4.93	363 BF CR GI	**2C6583**	6 Cyl.	STD
						2.25	4.95	126 RVT PC GI			
						6.00	5.00	860 FV CR			
								732 FV CR			
		4		JD382 Diesel Cont. 55D, 555	114.30	3.18	5.36	362 BF 3CR GI	**2C7778**	4 Cyl.	STD
						3.18	4.85	126 RVT PC GI			
						3.18	4.85	126 RVT PC GI			
						6.35	2.90	501 1PCO PC GI			
						4.75	4.85	825 2PCO			
								501 1PCO PC GI			
MAZDA											
PB	1000	4	1968-74	PB	68.00	2.00	3.18	032 BF PC GI	**4277**	4 Cyl.	STD
						2.00	3.20	401 SCRP PC GI			
						4.00	3.30	058 FV CR			
								732 FV CR			
								362 BF 3CR GI	**2C6880**		STD
								401 SCRP PC GI			
								058 FV CR			
								732 FV CR			
B3	1323	4	1988-95	B3 SOHC	71.00	1.20	3.12	398 BF CR S	**2C4451**	4 Cyl.	STD
						1.50	3.33	126 RVT PC GI	**2C4451010**		0.25
						3.00	1.14	054 FV CR	**2C4451020**		0.50
								732 FV CR	**2C4451030**		0.75
									2C4451040		1.00
									2C4451060		1.50
TC	1272	4	1978-80	TC	73.00	1.50	3.10	032 BF PC GI	**4347**	4 Cyl.	STD
						1.50	3.07	126 RVT PC GI	**4347020**		0.50
						4.00	3.30	058 FV CR	**4347030**		0.75
								732 FV CR	**4347040**		1.00
									4347060		1.50
								362 BF 3CR GI	**2C4347**		STD
								126 RVT PC GI	**2C4347010**		0.25
								058 FV CR	**2C4347020**		0.50
								732 FV CR	**2C4347030**		0.75
									2C4347040		1.00
									2C4347060		1.50

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
MAZDA											
	1200	4	1970-78	1300	73.00	2.00	2.84	032 BF PC GI	**6714**	4 Cyl.	STD
	1300			Mini Mizer; TEng. 818		2.00	2.87	401 SCRP PC GI	**6714020**		0.50
						4.00	3.30	058 FV CR	**6714030**		0.75
								732 FV CR	**6714040**		1.00
									6714060		1.50
								362 BF 3CR GI	**2C6714**		STD
								401 SCRP PC GI	**2C6714020**		0.50
								058 FV CR	**2C6714030**		0.75
								732 FV CR	**2C6714040**		1.00
									2C6714060		1.50
F6JA, F6JB,	1399		2003-On	F6JA, F6JB, Turbo Diesel	73.70	2.50	3.25	213 FKST CC DI	**2D7270**	1 Cyl.	STD
						1.95	3.28	209 RVT PC DI	**2D727025**		0.25
						2.50	3.33	248 CF CR	**2D727050**		0.50
								881 2PCO			
	1397	4	1997-On	SOHC 121, 1.3	74.00	1.50	3.20	032 BF PC GI	**4988**	4 Cyl.	STD
						1.75	3.23	401 SCRP PC GI	**4988020**		0.50
						3.00	3.18	054 FV CR	**4988040**		1.00
								732 FV CR			
								362 BF 3CR GI	**2C4988**		STD
								401 SCRP PC GI	**2C4988010**		0.25
								054 FV CR	**2C4988020**		0.50
								732 FV CR	**2C4988030**		0.75
									2C4988040		1.00
	1844	6	1992-94	V6 K-8	75.00	1.50	2.95	032 BF PC GI	**4772**	6 Cyl.	STD
						1.50	3.48	126 RVT PC GI	**4772010**		0.25
						3.00	2.79	996 FV CR	**4772020**		0.50
								732 FV CR	**4772030**		0.75
									4772040		1.00
								363 BF CR GI	**2C4772**		STD
								126 RVT PC GI	**2C4772020**		0.50
								996 FV CR	**2C4772030**		0.75
								732 FV CR	**2C4772040**		1.00
	1484	4	1971-On	UA	75.00	2.00	3.45	032 BF PC GI	**6813**	4 Cyl.	STD
						2.00	3.48	401 SCRP PC GI	**6813020**		0.50
						4.00	3.94	056 FV CR	**6813030**		0.75
								732 FV CR	**6813040**		1.00
									6813060		1.50
								362 BF 3CR GI	**2C6813**		STD
								401 SCRP PC GI	**2C6813010**		0.25
								056 FV CR	**2C6813020**		0.50
								732 FV CR	**2C6813030**		0.75
									2C6813040		1.00
									2C6813060		1.50
									2C6813063		1.60
	1484	4	1971-On	UA Shallow Oil Ring Groove	75.00	2.00	3.45	032 BF PC GI	**6818**	4 Cyl.	STD
						2.00	3.48	401 SCRP PC GI	**6818020**		0.50
						4.00	2.92	856 FV CR	**6818030**		0.75
								732 FV CR	**6818040**		1.00
									6818060		1.50
								362 BF 3CR GI	**2C6818**		STD
								401 SCRP PC GI	**2C6818010**		0.25
								856 FV CR	**2C6818020**		0.50
								732 FV CR	**2C6818030**		0.75
									2C6818040		1.00
									2C6818060		1.50
Z5	1498	4	1995-98	Z5, , Protege	75.30	1.00	2.92	398 BF CR S	**2C4919**	4 Cyl.	STD
						1.20	3.48	610 RVT PC GI	**2C4919020**		0.50
						2.50	2.67	995 FV CR	**2C4919030**		0.75
								732 FV CR	**2C4919040**		1.00

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
MAZDA											
	1400	4	1979-80	GLC, UC	77.00	1.50	3.30	032 BF PC GI	**6134**	4 Cyl.	STD
	1415					1.50	3.68	401 SCRP PC GI	**6134010**		0.25
						4.00	3.68	058 FV CR	**6134020**		0.50
								732 FV CR	**6134024**		0.61
									6134030		0.75
									6134032		0.81
									6134040		1.00
									6134060		1.50
								363 BF CR GI	**2C6134**		STD
								401 SCRP PC GI	**2C6134010**		0.25
								058 FV CR	**2C6134020**		0.50
								732 FV CR	**2C6134030**		0.75
									2C6134040		1.00
E3, E5 Gasoline,	1296	4	1981-86	E-3	77.00	1.20	3.33	398 BF CR S	**2C6154**	4 Cyl.	STD
	1490		1980-86	GLC, E-5		1.50	3.68	401 SCRP PC GI	**2C6154010**		0.25
						4.00	3.68	058 FV CR	**2C6154020**		0.50
								732 FV CR	**2C6154030**		0.75
									2C6154040		1.00
									2C6154060		1.50
E3, E5	1490	4	1981-85	E3, E5 323 Engs. GLC 1500 After Jan 82	77.00	1.50	3.30	032 BF PC GI	**6175**	4 Cyl.	STD
						2.00	3.38	435 SCRP PC GI	**6175010**		0.25
						4.00	3.43	058 FV CR	**6175020**		0.50
								732 FV CR	**6175030**		0.75
									6175040		1.00
									6175060		1.50
								362 BF 3CR GI	**2C6175**		STD
								435 SCRP PC GI	**2C6175010**		0.25
								058 FV CR	**2C6175020**		0.50
								732 FV CR	**2C6175030**		0.75
									2C6175040		1.00
									2C6175060		1.50
								322 BF GN SS	**2N6175**		STD
								435 SCRP PC GI			
								58 FV CR			
								732 FV CR			
		4		NA, VB, OHC-4	78.00	1.20	3.33	398 BF CR S	**2C4237**	4 Cyl.	STD
						1.50	3.71	126 RVT PC GI	**2C4237010**		0.25
						4.00	3.30	058 FV CR	**2C4237020**		0.50
								732 FV CR	**2C4237030**		0.75
									2C4237040		1.00
									2C4237060		1.50
B6, B6E, B6T, NA, VB	1586	4	1986-94	NA 808, B1600	78.00	1.50	2.97	032 BF PC GI	**4265**	4 Cyl.	STD
	1597		1971-78	323, B-6 Incl. Turbo		1.50	3.38	126 RVT PC GI	**4265010**		0.25
	1597		1986-94	NA, VB Engs. 616, 808; Pickup		4.00	3.30	058 FV CR	**4265020**		0.50
	1796		1977-78	VB, 618, B1800				732 FV CR	**4265030**		0.75
			1972-78						**4265040**		1.00
									4265060		1.50
								362 BF 3CR GI	**2C4265**		STD
								126 RVT PC GI	**2C4265010**		0.25
								058 FV CR	**2C4265020**		0.50
								732 FV CR	**2C4265030**		0.75
									2C4265040		1.00
									2C4265060		1.50
								327 BF PM GI	**2M4265**		STD
								126 RVT PC GI	**2M4265010**		0.25
								058 FV CR	**2M4265020**		0.50
								732 FV CR	**2M4265030**		0.75
									2M4265040		1.00
									2M4265060		1.50
UB	1490	4	1966-70		78.00	2.00	3.35	032 BF PC GI	**4381**	4 Cyl.	STD
	1500					2.00	3.71	126 RVT PC GI	**4381040**		1.00
						4.00	3.81	056 FV CR			
								732 FV CR			
								362 BF 3CR GI	**2C4381**		STD
								126 RVT PC GI	**2C4381020**		0.50
								056 FV CR	**2C4381040**		1.00
								732 FV CR			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
MAZDA											
B6Y2	1597	4	1990-94	B6Y2, MX-3	78.00	1.50	2.97	032 BF PC GI	**4737**	4 Cyl.	STD
						1.50	3.38	126 RVT PC GI	**4737010**		0.25
						3.00	3.30	054 FV CR	**4737020**		0.50
								732 FV CR	**4737030**		0.75
									4737040		1.00
								362 BF 3CR GI	**2C4737**		STD
								126 RVT PC GI	**2C4737010**		0.25
								054 FV CR	**2C4737020**		0.50
								732 FV CR	**2C4737030**		0.75
									2C4737040		1.00
									2C4737060		1.50
								362 BF 3CR GI	**2N4737**		STD
								126 RVT PC GI			
								054 FV CR			
								732 FV CR			
ZL	1597	4	1999-On	ZL DOHC 16 Valve, Protege	78.00	1.20	3.33	398 BF CR S	**2C5115**	4 Cyl.	STD
						1.50	3.71	126 RVT PC GI	**2C5115010**		0.25
						3.00	3.30	054 FV CR	**2C5115020**		0.50
								732 FV CR	**2C5115030**		0.75
									2C5115040		1.00
	1995	6	1993-On	626 KF DOHC	78.00	1.50	2.97	032 BF PC GI	**5289**	6 Cyl.	STD
						1.50	3.38	126 RVT PC GI	**5289020**		0.50
						3.00	2.92	996 FV CR	**5289040**		1.00
								732 FV CR			
								363 BF CR GI	**2C5289**		STD
								126 RVT PC GI	**2C5289020**		0.50
								996 FV CR	**2C5289040**		1.00
								732 FV CR			
	1970	4	1979-82	626	80.00	1.20	3.33	398 BF CR S	**2C6141**	4 Cyl.	STD
						1.50	3.48	126 RVT PC GI	**2C6141010**		0.25
						4.00	3.81	056 FV CR	**2C6141020**		0.50
								732 FV CR	**2C6141030**		0.75
									2C6141040		1.00
									2C6141060		1.50
	1970	4	1982-84	626	80.00	1.50	3.18	032 BF PC GI	**6155**	4 Cyl.	STD
	1989					2.00	3.20	126 RVT PC GI	**6155010**		0.25
	2000					4.00	1.27	058 FV CR	**6155020**		0.50
								732 FV CR	**6155030**		0.75
									6155040		1.00
								362 BF 3CR GI	**2C6155**		STD
								126 RVT PC GI	**2C6155010**		0.25
								058 FV CR	**2C6155020**		0.50
								732 FV CR	**2C6155030**		0.75
									2C6155040		1.00
									2C6155060		1.50
	1768	4	1973-On	VC, Luce, Capella 1800	80.00	2.00	3.18	032 BF PC GI	**6761**	4 Cyl.	STD
	1970		1973-On	929, LA2V, LA3V, SV2A, CB1V929 Sedan		2.00	3.71	401 SCRP PC GI	**6761020**		0.50
						4.00	3.81	056 FV CR	**6761030**		0.75
								732 FV CR	**6761040**		1.00
									6761060		1.50
								362 BF 3CR GI	**2C6761**		STD
								401 SCRP PC GI	**2C6761020**		0.50
								056 FV CR	**2C6761030**		0.75
								732 FV CR	**2C6761040**		1.00
KJ	2255	6	1995-02	KJ Millenia	80.30	1.50	3.45	032 BF PC GI	**4918**	6 Cyl.	STD
						1.50	3.86	401 SCRP PC GI	**4918020**		0.50
						3.00	3.18	054 FV CR	**4918030**		0.75
								005 FV CR	**4918040**		1.00
								363 BF CR GI	**2C4918**		STD
								401 SCRP PC GI	**2C4918020**		0.50
								054 FV CR	**2C4918030**		0.75
								005 FV CR	**2C4918040**		1.00

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
MAZDA											
	1587	4		626 EXPORT ONLY	81.00	1.50	3.18	032 BF PC GI	**4665**	4 Cyl.	STD
						1.50	3.23	126 RVT PC GI	**4665020**		0.50
						4.00	3.81	056 FV CR	**4665030**		0.75
								732 FV CR	**4665040**		1.00
									4665060		1.50
								363 BF CR GI	**2C4665**		STD
								126 RVT PC GI	**2C4665020**		0.50
								056 FV CR	**2C4665030**		0.75
								732 FV CR			
F6	1597	4	1983-93	F6, 323, B1600 w/shallow oil groove	81.00	1.50	3.58	363 BF CR GI	**2C4867**	4 Cyl.	STD
						1.50	3.23	126 RVT PC GI	**2C4867020**		0.50
						4.00	3.30	058 FV CR	**2C4867040**		1.00
								732 FV CR			
GY	2495	6	2000-01	GY	81.60	1.20	3.12	398 BF CR S	**2C5160**	6 Cyl.	STD
						1.50	3.89	126 RVT PC GI	**2C5160020**		0.50
						3.00	3.43	054 FV CR	**2C5160030**		0.75
								732 FV CR	**2C5160040**		1.00
VA	1985	4		VA Forklift	82.00	2.00	3.86	032 BF PC GI	**4630**	4 Cyl.	STD
						2.00	3.25	126 RVT PC GI			
						4.50	3.56	870 FV CR			
								732 FV CR			
	1753		1996-02	SOHC Diesel RTE, RTF	82.50	2.00	3.56	217 BF CR DI	**2C7538**	1 Cyl.	STD
						2.00	3.63	218 TF PC DI			
						3.00	3.68	204 CF CR DI			
								881 2PCO			
BP, BP01, BP05-VE	1839	4	1990-05	323 BP, BP01, BP05-VE, Vin:6,P DOHC, SOHC	83.00	1.50	3.20	032 BF PC GI	**4651**	4 Cyl.	STD
						1.50	3.25	126 RVT PC GI	**4651010**		0.25
						3.00	3.30	054 FV CR	**4651020**		0.50
								732 FV CR	**4651040**		1.00
								376 BF CR DI	**2C4651**		STD
								126 RVT PC GI	**2C4651010**		0.25
								054 FV CR	**2C4651020**		0.50
								732 FV CR	**2C4651030**		0.75
									2C4651040		1.00
									2C4651060		1.50
FS , FP	1991	4	1993-03	MX6, 626, DOHC	83.00	1.20	3.12	398 BF CR S	**2C4749**	4 Cyl.	STD
						1.50	3.25	126 RVT PC GI	**2C4749010**		0.25
						3.00	3.30	054 FV CR	**2C4749020**		0.50
								732 FV CR	**2C4749030**		0.75
									2C4749040		1.00
FS , FP	1839	4	1993-03	DOHC FP, FS	83.00	1.20	3.53	398 BF CR S	**2C4771**	4 Cyl.	STD
						1.50	3.25	126 RVT PC GI	**2C4771010**		0.25
						3.00	2.67	997 FV CR	**2C4771020**		0.50
								732 FV CR	**2C4771030**		0.75
									2C4771040		1.00
	1839	4		323 Race	83.00	1.50	3.20	032 BF PC GI	**5573**	4 Cyl.	STD
						1.50	3.25	126 RVT PC GI	**5573020**		0.50
						3.00	3.30	054 FV CR			
								732 FV CR			
								376 BF CR DI	**2C5573**		STD
								126 RVT PC GI	**2C5573010**		0.25
								054 FV CR	**2C5573020**		0.50
								732 FV CR	**2C5573030**		0.75
									2C5573040		1.00
									2C5573060		1.50
MX6, KL	2497	6	1993-02	MX6, KL, 626	84.50	1.50	3.43	032 BF PC GI	**4750**	6 Cyl.	STD
						1.50	3.84	126 RVT PC GI	**4750020**		0.50
						3.00	3.18	054 FV CR	**4750030**		0.75
								732 FV CR	**4750040**		1.00
								362 BF 3CR GI	**2C4750**		STD
								126 RVT PC GI	**2C4750020**		0.50
								054 FV CR	**2C4750030**		0.75
								732 FV CR	**2C4750040**		1.00

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
MAZDA											
	1998	4		Diesel RF, 626	86.00	2.00	3.71	335 T PM DI	**2D4210**	4 Cyl.	STD
						2.00	3.89	401 SCRP PC GI	**2D421025**		0.25
						4.00	3.78	553 CF CR GI	**2D421050**		0.50
								881 2PCO	**2D421075**		0.75
									2D4210100		1.00
R2, SR29V	2184	4		R2, SR29V, Diesel Late Design	86.00	2.00	3.25	335 T PM DI	**2D4989**	4 Cyl.	STD
						2.00	3.89	401 SCRP PC GI	**2D498950**		0.50
						3.00	2.90	997 FV CR	**2D4989100**		1.00
								732 FV CR			
FE, F2, F8	1998	4	1983-87	FE, F2, F8; 626, B2000 Incl. Turbo	86.00	1.50	3.45	032 BF PC GI	**5664**	4 Cyl.	STD
	2184		1988-93	FE, F2, F8; 626, B2200 Incl. Turbo		1.50	3.78	435 SCRP PC GI	**5664020**		0.50
						4.00	3.68	058 FV CR	**5664030**		0.75
								732 FV CR	**5664040**		1.00
									5664060		1.50
								362 BF 3CR GI	**2C5664**		STD
								435 SCRP PC GI	**2C5664010**		0.25
								058 FV CR	**2C5664020**		0.50
								732 FV CR	**2C5664030**		0.75
									2C5664040		1.00
									2C5664060		1.50
								335 T PM DI	**2M5664**		STD
								435 SCRP PC GI	**2M5664010**		0.25
								058 FV CR	**2M5664020**		0.50
								732 FV CR	**2M5664030**		0.75
									2M5664040		1.00
									2M5664060		1.50
LF-DE, L3-VE	1998	4	2004-10	LF-DE, Miata MX5, DOHC	87.50	1.20	3.12	398 BF CR S	**2C5158**	4 Cyl.	STD
	2260		2002-10	L3-VE, Mazda 3/6 DOHC		1.20	3.33	126 RVT PC GI	**2C5158010**		0.25
						2.50	2.92	995 FV CR	**2C5158020**		0.50
								732 FV CR	**2C5158030**		0.75
									2C5158040		1.00
								326 TBF GN SS	**2N5158**		STD
								126 RVT PC GI	**2N515850**		0.50
								672 FV GN			
								708 FV GN			
								708 FV GN			
L3-VDT,MZR	2266	4	2006-12	L3-VDT DOHC 16V MZR Duatac 23 w/Turbo	87.50	1.50	3.25	397 BF PM S	**2M5168**	4 Cyl.	STD
						1.50	3.28	126 RVT PC GI	**2M5168020**		0.50
						2.00	2.67	993 FV CR	**2M5168030**		0.75
								005 FV CR	**2M5168040**		1.00
	2200	4	1981-84	Diesel Engs. B2200 Pickup	88.90	2.25	3.63	376 BF CR DI	**2D6159**	4 Cyl.	STD
	2209					2.25	3.66	126 RVT PC GI	**2D6159025**		0.25
						4.75	4.24	553 CF CR GI	**2D615950**		0.50
								881 2PCO	**2D615975**		0.75
									2D6159100		1.00
									2D6159150		1.50
AJ-DE	2967	6	2001-08	DOHC AJ-DE	89.00	1.20	3.33	398 BF CR S	**2C5077**	6 Cyl.	STD
						1.50	4.01	126 RVT PC GI	**2C5077010**		0.25
						2.50	3.81	872 FV CR	**2C5077020**		0.50
								005 FV CR	**2C5077030**		0.75
									2C5077040		1.00
	2954	6	1994-00	B3000 Pickup, U, V DOHC	89.00	1.50	3.38	032 BF PC GI	**5762**	6 Cyl.	STD
						1.50	4.01	126 RVT PC GI	**5762010**		0.25
						4.00	3.30	052 FV CR	**5762020**		0.50
								005 FV CR	**5762030**		0.75
									5762040		1.00
									5762060		1.50
								363 BF CR GI	**2C5762**		STD
								126 RVT PC GI	**2C5762010**		0.25
								052 FV CR	**2C5762020**		0.50
								005 FV CR	**2C5762030**		0.75
									2C5762040		1.00
								327 BF PM GI	**2M5762**		STD
								126 RVT PC GI	**2M5762010**		0.25
								052 FV CR	**2M5762020**		0.50
								005 FV CR	**2M5762030**		0.75
									2M5762040		1.00

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
MAZDA											
JE	2954	6	1988-97	JE 929, MPV	90.00	1.50	3.38	363 BF CR GI	**2C4679**	6 Cyl.	STD
						1.50	4.01	126 RVT PC GI	**2C4679020**		0.50
						4.00	3.81	056 FV CR	**2C4679030**		0.75
								732 FV CR	**2C4679040**		1.00
								335 T PM DI	**2M4679**		STD
								126 RVT PC GI	**2M4679020**		0.50
								056 FV CR	**2M4679030**		0.75
								732 FV CR			
	2555	4	1987-88	B2600 Pickup	91.10	1.50	3.58	032 BF PC GI	**5667**	4 Cyl.	STD
						1.50	4.06	126 RVT PC GI	**5667010**		0.25
						4.00	3.81	056 FV CR	**5667020**		0.50
								732 FV CR	**5667030**		0.75
									5667040		1.00
									5667060		1.50
								363 BF CR GI	**2C5667**		STD
								126 RVT PC GI	**2C5667010**		0.25
								056 FV CR	**2C5667020**		0.50
								732 FV CR	**2C5667030**		0.75
									2C5667040		1.00
									2C5667060		1.50
	2605	4	1989-94	B2600	92.00	1.50	3.48	032 BF PC GI	**4216**	4 Cyl.	STD
						1.50	4.09	401 SCRP PC GI	**4216010**		0.25
						4.00	3.43	870 FV CR	**4216020**		0.50
								732 FV CR	**4216030**		0.75
									4216040		1.00
									4216060		1.50
								363 BF CR GI	**2C4216**		STD
								401 SCRP PC GI	**2C4216010**		0.25
								870 FV CR	**2C4216020**		0.50
								732 FV CR	**2C4216030**		0.75
									2C4216040		1.00
								335 T PM DI	**2M4216**		STD
								401 SCRP PC GI	**2M4216010**		0.25
								870 FV CR	**2M4216020**		0.50
								732 FV CR	**2M4216030**		0.75
									2M4216040		1.00
									2M4216060		1.50
								398 BF CR S	**2N4216**		STD
								126 RVT PC GI	**2N421625**		0.25
								672 FV GN	**2N421650**		0.50
								708 FV GN	**2N421675**		0.75
									2N4216100		1.00
								708 FV GN			
ZB	4052	6		Forklift, ZB	92.08	2.38	4.06	032 BF PC GI	**563**	6 Cyl.	STD
						2.38	4.09	126 RVT PC GI	**563020**		0.50
						4.75	1.27	860 FV CR	**563030**		0.75
								732 FV CR			
								362 BF 3CR GI	**2C563**		STD
								126 RVT PC GI			
								860 FV CR			
								732 FV CR			
	2499	4	2006-11	BT-50 WL-C TDI Diesel (Check Ring Widths)	93.00	2.00	0.15	326 TBF GN SS	**2D7277**	4 Cyl.	STD
						1.50		236 TF CR DI			
						2.00		203 CF GN SS			
								881 2PCO			
HA,	2977	4		Diesel HA, Titan E3000 WE, WOF1	95.00	2.25	3.91	363 BF CR GI	**2D4379**	4 Cyl.	STD
						2.25	3.94	126 RVT PC GI			
						4.75	4.45	553 CF CR GI			
								881 2PCO			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
MAZDA											
	2507	4	1998-01	B2500 SOHC	96.00	1.50	3.94	032 BF PC GI	**4912**	4 Cyl.	STD
						1.50	3.73	126 RVT PC GI	**4912020**		0.50
						3.00	3.30	054 FV CR	**4912030**		0.75
								732 FV CR	**4912040**		1.00
									4912060		1.50
								362 BF 3CR GI	**2C4912**		STD
								126 RVT PC GI	**2C4912020**		0.50
								054 FV CR	**2C4912030**		0.75
								732 FV CR	**2C4912040**		1.00
									2C4912060		1.50
	2300	4	1994-97	B2300 Pickup	96.00	1.50	3.94	032 BF PC GI	**5761**	4 Cyl.	STD
						1.50	3.73	126 RVT PC GI	**5761020**		0.50
						4.00	3.56	870 FV CR	**5761030**		0.75
								732 FV CR	**5761040**		1.00
									5761060		1.50
								362 BF 3CR GI	**2C5761**		STD
								126 RVT PC GI	**2C5761020**		0.50
								870 FV CR	**2C5761030**		0.75
								732 FV CR	**2C5761040**		1.00
									2C5761060		1.50
								327 BF PM GI	**2M5761**		STD
								126 RVT PC GI	**2M5761020**		0.50
								870 FV CR	**2M5761030**		0.75
								732 FV CR	**2M5761040**		1.00
									2M5761060		1.50
XS	4016	6	1991-07	XS, Navajo, B4000 SOHC	100.40	1.60	4.11	032 BF PC GI	**4627**	6 Cyl.	STD
						1.75	4.14	126 RVT PC GI	**4627020**		0.50
						3.50	3.61	874 FV CR	**4627030**		0.75
								732 FV CR	**4627040**		1.00
									4627060		1.50
								335 T PM DI	**2M4627**		STD
								126 RVT PC GI	**2M4627010**		0.25
								874 FV CR	**2M4627020**		0.50
								732 FV CR	**2M4627030**		0.75
									2M4627040		1.00
									2M4627060		1.50
MCCULLOCH											
				3-21, 3-25	50.80	1.60	2.39	102 T PC GI	**365**	1 Cyl.	STD
				Super 44, D44, 47 Super 55, M55, 55		1.60	2.41	102 T PC GI			
MELROE BOBCAT											
		4		V1702 Diesel	82.00	2.50	3.86	370 HKST 3CR GI	**2D4706**	4 Cyl.	STD
						2.00	3.89	401 SCRP PC GI			
						5.00	4.34	553 CF CR GI			
								881 2PCO			
MERCEDES-BENZ											
M 160 E6AL B03, M 160 E6AL B04	599		1998-On	Smart 600	63.50	1.00	1.00	398 BF CR S	**2C7432**	4 Cyl.	STD
						1.00	1.50	126 RVT PC GI	**2C743225**		
						1.00	2.50	995 FV CR	**2C743250**		
								732 FV CR			
	799		2004-On	799cc OM660.940/.950	65.50	1.50	2.69	201 BF GN SS	**2D7448**	1 Cyl.	STD
						1.50	2.67	202 TTF PC DI			
						2.50	3.07	248 CF CR			
								881 2PCO			
OM668	1689		1998-05	Diesel DOHC OM668	80.00	2.00	3.51	212 TBF CC DI	**2D7352**	1 Cyl.	STD
						2.00	3.53	209 RVT PC DI			
						3.00	3.68	204 CF CR DI			
								881 2PCO			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
MERCEDES-BENZ											
		6		230	81.75	1.75	3.86	032 BF PC GI	**4544**	6 Cyl.	STD
						2.50	3.89	401 SCRP PC GI			
						4.00	4.39	860 FV CR			
								732 FV CR			
								363 BF CR GI	**2C4544**		STD
								401 SCRP PC GI			
								860 FV CR			
								732 FV CR			
E26, M103	2599	6		E26, M103 Motor 190E, 260E, 260SE, 300E	82.90	1.50	3.78	362 BF 3CR GI	**2C5074**	6 Cyl.	STD
						1.75	3.81	126 RVT PC GI	**2C5074020**		0.50
						3.00	3.43	054 FV CR			
								732 FV CR			
OM642	2987		2006-14	OM642 Diesel ML300, ML350, E320, E350, S320	83.00	2.00	3.61	240 FKST CC DI	**2D7367**	1 Cyl.	STD
						2.00	3.63	218 TF PC DI			
						2.00	2.87	248 CF CR			
								881 2PCO			
OM 651.955, OM 651.956, OM 651.957,OM 651.960, OM 651.961, OM 651.980,OM 651.940	2143	4	2007-13	C-Class C,E-Class, GLK-Class, S-Class	83.00	2.00	3.51	265 BF PVD DI	**2D7440**	4 Cyl.	STD
OM 651.930,OM 651.925, OM 651.924,OM 651.921,OM 651.916, OM 651.913, OM 651.912, OM 651.911			2006-13	A-Class, B-Class, CLA, Viano, Mixto Box, Sprinter 3,M-Class, S-Class, SLK		1.75	3.63	135 T PC GI	**2D744025**		0.25
						2.00	3.10	248 CF CR	**2D744050**		0.50
								881 2PCO			
OM640	1991		2004-12	OM640 Diesel A160, A180, A200, B180, B200	83.00	2.00	3.61	220 TBF PM DI	**2M7382**	1 Cyl.	STD
						2.00	3.63	218 TF PC DI			
						2.00	2.87	248 CF CR			
								881 2PCO			
OM621		4	1959-63	190DB, OM621 Diesel	85.00	2.00	3.81	032 BF PC GI	**6740**	4 Cyl.	STD
						2.00	3.84	032 BF PC GI	**6740020**		0.50
						2.00	4.04	401 SCRP PC GI	**6740040**		1.00
						5.00	4.11	871 FV CR			
								732 FV CR			
								362 BF 3CR GI	**2D6740**	4 Cyl.	STD
								032 BF PC GI	**2D674050**		0.50
								401 SCRP PC GI	**2D674075**		0.75
								553 CF CR GI	**2D6740100**		1.00
								881 2PCO			
		6	1972-On	280, 280C, 280E & 280CE	86.00	1.75	3.86	362 BF 3CR GI	**2C4303**	6 Cyl.	STD
						2.50	4.06	401 SCRP PC GI	**2C4303020**		0.50
						4.00	4.11	056 FV CR			
								732 FV CR			
	3996		2000-08	Turbo Diesel DOHC 32v OM628 Class E G M S	86.00	2.50	3.76	212 TBF CC DI	**2D7329**	1 Cyl.	STD
						2.00	3.78	202 TTF PC DI			
						3.00	3.68	204 CF CR DI			
								881 2PCO			
M 130, 142		6	1968-72	280SL 3 Ring Piston	86.50	2.00	4.09	032 BF PC GI	**4411**	6 Cyl.	STD
						2.50	3.91	401 SCRP PC GI			
						4.00	4.50	860 FV CR			
								732 FV CR			
								362 BF 3CR GI	**2C4411**		STD
								401 SCRP PC GI	**2C4411020**		0.50
								860 FV CR			
								732 FV CR			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
MERCEDES-BENZ											
	2778	6	1968-73	280S, 280SE, 280SL, 250/8, 250C, 300SEL	86.50	2.00	4.09	032 BF PC GI	**9505**	6 Cyl.	STD
						2.00	4.11	126 RVT PC GI	**9505020**		0.50
						2.50	3.91	126 RVT PC GI	**9505040**		1.00
						4.00	4.50	860 FV CR			
								732 FV CR			
								362 BF 3CR GI	**2C9505**		STD
								126 RVT PC GI	**2C9505020**		0.50
								126 RVT PC GI	**2C9505060**		1.50
								860 FV CR			
								732 FV CR			
M 115.900	2197	4	1968-On	220/8 3 Ring Piston	87.00	2.00	4.11	032 BF PC GI	**4320**	4 Cyl.	STD
						2.50	3.94	126 RVT PC GI	**4320040**		1.00
						4.00	4.11	056 FV CR	**4320020**		1.00
								732 FV CR			
								362 BF 3CR GI	**2C4320**		STD
								126 RVT PC GI	**2C4320040**		1.00
								056 FV CR			
								732 FV CR			
		4		190D Mahle Piston	87.00	1.50	3.61	362 BF 3CR GI	**2C4542**	4 Cyl.	STD
						1.50	3.94	102 T PC GI	**2C4542010**		0.25
						2.50	3.94	401 SCRP PC GI	**2C4542020**		0.50
						4.00	4.11	56 FV CR	**2C4542030**		0.75
								732 FV CR	**2C4542040**		1.00
OM601 190D, OM602 190D, OM603 300D				OM601 190D, 200D (4cyl) OM602 190D, 200D (5cyl) OM603 300D (6cyl)	87.00	2.00	3.91	362 BF 3CR GI	**2C5163**	1 Cyl.	STD
						2.00	3.94	126 RVT PC GI	**2C5163010**		0.25
						3.00	3.43	054 FV CR			
								732 FV CR			
	2197	4	1973-78	200, 220D	87.00	2.00	3.61	032 BF PC GI	**6157**	4 Cyl.	STD
						2.00	3.94	126 RVT PC GI	**6157020**		0.50
						4.00	3.68	056 FV CR	**6157030**		0.75
								732 FV CR	**6157040**		1.00
									6157060		1.50
								362 BF 3CR GI	**2C6157**		STD
								126 RVT PC GI	**2C6157020**		0.50
								056 FV CR	**2C6157030**		0.75
								732 FV CR	**2C6157040**		1.00
								327 BF PM GI	**2M6157**		STD
								126 RVT PC GI	**2M6157020**		0.50
								056 FV CR	**2M6157030**		0.75
								732 FV CR	**2M6157040**		1.00
		4	1967-68	200D 4 Ring Piston	87.00	1.50	3.61	102 T PC GI	**6803**	4 Cyl.	STD
						1.50	3.94	102 T PC GI	**6803010**		0.25
						2.50	3.94	401 SCRP PC GI	**6803020**		0.50
						5.00	4.11	871 FV CR	**6803030**		0.75
								732 FV CR	**6803040**		1.00
								362 BF 3CR GI	**2C6803**		STD
								102 T PC GI	**2C6803010**		0.25
								401 SCRP PC GI	**2C6803020**		0.50
								871 FV CR	**2C6803030**		0.75
								732 FV CR	**2C6803040**		1.00
OM 603.960, 606.961, 606.962, 606.964	2996		1986-00	300TD	87.00	2.50	3.81	220 TBF PM DI	**2D5627**	1 Cyl.	STD
						2.00	3.94	126 RVT PC GI			
						3.00	3.33	204 CF CR DI			
								881 2PCO			
OM621/110		4	1961-65	190DC, OM621/110 Diesel	87.00	1.50	3.61	102 T PC GI	**6851**	4 Cyl.	STD
						1.50	3.94	102 T PC GI	**6851020**		0.50
						1.50	3.94	102 T PC GI	**6851040**		1.00
						5.00	4.11	871 FV CR			
								732 FV CR			
								362 BF 3CR GI	**2D6851**	4 Cyl.	STD
								102 T PC GI	**2D685150**		0.50
								102 T PC GI	**2D685175**		0.75
								553 CF CR GI	**2D6851100**		1.00
								881 2PCO			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
MERCEDES-BENZ											
	1988	4		200/8 MB 115.923 TC:9	87.00	1.50	3.61	362 BF 3CR GI	**2C7275**	4 Cyl.	STD
						2.50	3.94	401 SCRP PC GI	**2C7275020**		0.50
						4.00	4.11	056 FV CR	**2C7275040**		1.00
								732 FV CR			
OM 615		4		200D, 220D, OM615, 913 3 Ring Piston	87.00	3.00	4.11	363 BF CR GI	**2C9506**	4 Cyl.	STD
						2.00	4.14	401 SCRP PC GI			
						4.00	4.11	056 FV CR			
								732 FV CR			
OM611, OM613, OM646 OM647	2148		1997-08	DOHC Diesel OM611, OM646 C200, E200 w/2 pc oil ring	88.00	2.50	3.81	212 TBF CC DI	**2D7291**	1 Cyl.	STD
						2.00	3.84	229 TTF PC DI	**2D729150**		0.50
						3.00	3.68	204 CF CR DI			
								881 2PCO			
M 103 E 30, M 104 E 30		6	1985-On	190E, TE, CE, 300E, 300GE, SE, SL, SEL M103	88.50	1.50	3.61	335 T PM DI	**2M4976**	6 Cyl.	STD
			1991-On	300, CE24, E24, SL24, TE24 M104		1.75	3.63	126 RVT PC GI	**2M4976020**		0.50
						3.00	3.30	054 FV CR	**2M4976040**		1.00
								732 FV CR			
M 102 E 20, M 102 V 20		4	1980-On	109, 190E, 200T M102	89.00	1.75	3.94	327 BF PM GI	**2M4820**	4 Cyl.	STD
						2.00	3.99	126 RVT PC GI	**2M4820020**		0.50
						3.50	3.94	056 FV CR	**2M4820040**		1.00
								732 FV CR			
			1988-91	208D, 308D, 408D, 507D (4 cyl.) OM601, D23 (4 cyl.) C220D, OM604 (4 cyl.) 210D, 310D, 410D, OM602, D29 (5 cyl.) 300SD, 350SD, SDL (5 cyl.) 350GD (5 cyl.) OM603, D35A (Turbo), 970 3.5L (6 cyl.)	89.00	2.50	3.63	376 BF CR DI	**2C4822**	1 Cyl.	STD
						2.00	3.99	126 RVT PC GI			
						3.00	3.30	054 FV CR			
								732 FV CR			
	2299		1995-On	Diesel OM601	89.00	2.50	3.86	244 TBF CR DI	**2C7292**	1 Cyl.	STD
	2874		1989-06	Turbo Diesel OM602		2.00	3.89	229 TTF PC DI			
						3.00	3.68	204 CF CR DI			
								881 2PCO			
M 111 E 20, M 111 E 22, M 104 E 28, M 104 E 32, M 112 E 26, M 112 E 28, M 112 E 32, M 113 E 43	1998			M111, E20 Motor	89.90	1.50	3.45	327 BF PM GI	**2M5070**	2 Cyl.	STD
	2199			M111, E22 Motor		1.75	4.27	126 RVT PC GI	**2M5070010**		0.25
	2799			M104, E28 Motor		3.00	3.43	054 FV CR	**2M5070020**		0.50
	3199			M104, E32 Motor				732 FV CR			
				M112, E32 Motor V-6							
				M113, E43 Motor V-8							
M 161.971, M 111.984, M 111.983, 02 M 111.982, M 111.981	2295	4		CLK, SLK, Sprinter, MB 100 2.3	90.90	1.50	3.40	326 TBF GN SS	**2N7442**	4 Cyl.	STD
M 111.980, M 111.979, M 111.978, M 111.977, M 111.975, M 111.974, M 111.973, M 111.970				E-Class, CLK, SLK, C-Class, M-Class, V-Class, Vito, Sprinter, Viano, V, C-Class		1.75	3.63	435 SCRP PC GI	**2N744225**		0.25
						3.00	3.07	203 CF GN SS	**2N744250**		0.50
								881 2PCO			
OM 616, OM 617, OM 617 A		4	1978-On	240D, OM616	90.90	3.00	4.04	345 T PM GI	**2M4724**	4 Cyl.	STD
						2.00	4.06	126 RVT PC GI			
						4.00	5.31	553 CF CR GI			
								881 2PCO			
		5	1979-On	300D, TD, CD (USA), Lang 209D, 309D, 409D, 300GD 4WD, 300D, GD, TD	90.90	3.00	4.04	345 T PM GI	**2M4934**	5 Cyl.	STD
						2.00	4.06	126 RVT PC GI			
						4.00	5.31	553 CF CR GI			
								881 2PCO			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
MERCEDES-BENZ											
OM 616, OM 617	2404	4	1974-85	Diesel 240D	91.00	3.00	4.04	032 BF PC GI	**5325**	4 Cyl.	STD
						2.00	3.68	126 RVT PC GI			
						4.00	5.31	553 CF CR GI			
								881 2PCO			
								345 T PM GI	**2M5325**		STD
	2404		1974-85					126 RVT PC GI	**2M5325020**		0.50
								553 CF CR GI			
								881 2PCO			
	2971			Diesel 240D, 300, OM616, OM617, 300SD Turbo	91.00	3.00	4.04	362 BF 3CR GI	**2C5564**	1 Cyl.	STD
						2.00	3.68	126 RVT PC GI			
						4.00	5.31	553 CF CR GI			
								881 2PCO			
, M 117, M 116 E 36	3499	8	1969-On	450SE, SEL, SL, SLC, M16	92.00	1.75	4.32	032 BF PC GI	**5490**	8 Cyl.	STD
	4520		1969-On	450SE, SEL, SL, SLC, M16		2.50	4.34	126 RVT PC GI			
						4.00	4.62	860 FV CR			
								732 FV CR			
								362 BF 3CR GI	**2C5490**		STD
								126 RVT PC GI			
								860 FV CR			
								732 FV CR			
		8		300SE, SEL, SL, 380	92.00	1.75	4.32	363 BF CR GI	**2C5760**	8 Cyl.	STD
						2.00	4.09	401 SCRP PC GI	**2C5760020**		0.50
						3.50	4.39	059 FV CR			
								732 FV CR			
M 272 DE 35, M 272 KE 35, M 273 KE 46	3498	6	2005-08	C350, CLK350, E350, R350, SLK350 DOHC FI 24V 272.960	92.90	1.50	3.61	336 T PM DI	**2M5304**	6 Cyl.	STD
						1.75	3.89	126 RVT PC GI			
						2.50	3.10	985 FV CR			
								732 FV CR			
	2307	4	1974-76	Gas PDE 230, 230/4	93.75	1.75	4.42	032 BF PC GI	**5373**	4 Cyl.	STD
						2.50	4.14	126 RVT PC GI			
						4.00	1.27	860 FV CR			
								732 FV CR			
								363 BF CR GI	**2C5373**		STD
								126 RVT PC GI	**2C5373020**		0.50
								860 FV CR	**2C5373040**		1.00
								732 FV CR			
M102,E23, 190E, 230CE, 230E, 230GE	2299	4		M102 Motor, E23, 190E, 230CE, 230E, 230GE	95.50	1.75	4.17	362 BF 3CR GI	**2C5071**	4 Cyl.	STD
						2.00	4.19	126 RVT PC GI	**2C5071020**		0.50
						3.50	3.43	058 FV CR	**2C5071040**		1.00
								732 FV CR			
		8	1991-On	500E, SE, SEL, SL, M119-E50	96.50	1.75	3.96	363 BF CR GI	**2C4818**	8 Cyl.	STD
			1978-On	500, 560SE, SEC, SEL, SL, SLC, M117		2.00	3.73	126 RVT PC GI	**2C4818020**		0.50
						3.50	3.81	058 FV CR	**2C4818040**		1.00
								732 FV CR			
	3782			Diesel OM314 4 ring piston	97.00	3.00	3.96	361 FKST CR DI	**2C4512**	2 Cyl.	STD
	5675			Diesel OM352,OM353 4 ring piston		3.00	4.24	032 BF PC GI			
						3.00	4.24	401 SCRP PC GI			
						5.50	5.31	553 CF CR GI			
								881 2PCO			
OM 314, OM 352, OM 353, OM 352 A, OM 367,	3780		1964-On	60, 80, 100 H.P.	97.00	3.00	3.96	361 FKST CR DI	**2C5480**	2 Cyl.	STD
	5675		1964-On	126 H.P. OM352, OM352A Incl. Turbo		3.00	4.24	032 BF PC GI	**2C5480020**		0.50
						3.00	4.24	401 SCRP PC GI	**2C5480030**		0.75
						5.50	5.31	553 CF CR GI	**2C5480040**		1.00
						5.50	3.99	881 2PCO	**2C5480060**		1.50
								501 1PCO PC GI			
OM352, OM362	3784			OM314 Turbo Diesel	97.00	2.50	3.96	361 FKST CR DI	**2C7264**	2 Cyl.	STD
	5675			OM352, OM362 Turbo Diesel		2.50	4.24	126 RVT PC GI			
						4.00	5.18	553 CF CR GI			
								881 2PCO			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
MERCEDES-BENZ											
OM 904, OM 904 LA, OM 906 LA, OM 906 HLA				OM904, OM907, OM924, OM960	102.00	3.00	4.09	220 TBF PM DI	**2D7436**	1 Cyl.	STD
				OM902, OM906, OM909, OM926		2.50	4.39	223 RVT CR DI	**2D743630**	1 Cyl.	0.30
						4.00	4.19	553 CF CR GI 881 2PCO	**2D743660**	1 Cyl.	0.60
OM 360, OM 360 A, OM 360 H		6		OM360	115.00	3.50	4.47	361 FKST CR DI	**2C5603**	6 Cyl.	STD
						3.00 5.50	4.88 5.64	401 SCRP PC GI 565 CF CR GI 881 2PCO			
MERCRUISER											
181cu. in.		4		Race	101.60	2.00	4.78	336 T PM DI	**2M5502**	4 Cyl.	STD
						2.00 4.75	4.80 5.00	126 RVT PC GI 622 FV CR 732 FV CR	**2M5502020** **2M5502030** **2M5502060**		0.50 0.75 1.50
181cu. in.		4			101.60	2.00	4.78	032 BF PC GI	**5570**	4 Cyl.	STD
						2.00 4.75	4.80 4.88	126 RVT PC GI 860 FV CR 732 FV CR	**5570020** **5570030** **5570040** **5570060**		0.50 0.75 1.00 1.50
								362 BF 3CR GI	**2C5570**		STD
								126 RVT PC GI 860 FV CR 732 FV CR	**2C5570020** **2C5570030** **2C5570040** **2C5570060**		0.50 0.75 1.00 1.50
								397 BF PM S	**2M5570**		STD
								126 RVT PC GI 860 FV CR 732 FV CR	**2M5570020** **2M5570030** **2M5570040** **2M5570060** **2M5570065**		0.50 0.75 1.00 1.50 1.63
								397 BF PM S	**SM5570**		STD
								126 RVT PC GI 860 FV CR 732 FV CR	**SM5570020** **SM5570030** **SM5570040** **SM5570060** **SM5570065**		0.50 0.75 1.00 1.50 1.63
224 cu. in.		4		Engs. 170, 470-488 series Alum. Block Sleeved Cyls.	110.74	2.00	4.70	032 BF PC GI	**6138**	4 Cyl.	STD
						2.00 4.75	4.72 4.88	126 RVT PC GI 860 FV CR 732 FV CR	**6138020** **6138030** **6138040**		0.50 0.75 1.00
								362 BF 3CR GI	**2C6138**		STD
								126 RVT PC GI 860 FV CR 732 FV CR	**2C6138020** **2C6138030** **2C6138040**		0.50 0.75 1.00
								345 T PM GI	**2M6138**		STD
								126 RVT PC GI 860 FV CR 732 FV CR	**2M6138020** **2M6138030** **2M6138040** **2M6138060**		0.50 0.75 1.00 1.50
502cu. in.		8	2010-On	Ser #OM9545 w/1.5mm top grv.	113.47	1.50	4.70	336 T PM DI	**2M4699**	8 Cyl.	STD
						1.50 4.00	4.72 3.30	126 RVT PC GI 872 FV CR 732 FV CR			
502 cu. in.		8	1988-09	H.O.	113.47	2.00	5.23	336 T PM DI	**2M4727**	8 Cyl.	STD
						1.50 4.00	4.72 3.30	126 RVT PC GI 872 FV CR 732 FV CR	**2M4727005** **2M4727030** **2M4727060**		0.13 0.75 1.50
MIDLAND											
				7.4 cu. ft. 4025AW, 4030W, 4084, EL740	50.80	2.25	2.39	102 T PC GI	**294**	2 Cyl.	STD
						2.25 4.75	2.41 1.14	401 SCRP PC GI 858 FV CR 732 FV CR			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
MIDLAND											
				13 cu. ft. EL1300, EL1600; 7000 Series 3 ring piston	69.85	4.75	3.53	126 RVT PC GI	**6128**	1 Cyl.	STD
						4.75	3.56	126 RVT PC GI	**6128010**		0.25
						4.75	3.81	871 FV CR	**6128020**		0.50
								732 FV CR	**6128030**		0.75
				1300, 1600 5 ring piston	69.85	2.25	2.69	102 T PC GI	**6237**	2 Cyl.	STD
						2.25	2.72	102 T PC GI	**6237030**		0.75
						2.25	2.72	102 T PC GI	**6237040**		1.00
						2.25	2.72	102 T PC GI			
						4.75	3.56	870 FV CR			
								732 FV CR			
MINNEAPOLIS-MOLINE - WHITE MOTORS											
		4		165-4, 4A; 185-4, 206-4, 4A; 206A4, 4A; 206B, * 206G, 206VEE, RE Shallow Grooves	92.08	3.18	3.84	362 BF 3CR GI	**2C7567**	4 Cyl.	STD
						3.18	3.86	126 RVT PC GI			
						3.18	3.86	126 RVT PC GI			
						4.75	1.27	860 FV CR			
								732 FV CR			
		4		Jet Star 3, Big MO 400 & 500 Diesel, Gas, LPG	92.08	2.25	4.06	032 BF PC GI	**7581**	4 Cyl.	STD
				206N4 4 Star, 4 Star Super, Jet Star, 335, 445, G4, Combine Unitractor		2.25	4.09	126 RVT PC GI			
				445, 206B4R, 206H4, 206GH Minn. Ind., G4		2.25	4.09	126 RVT PC GI			
						4.75	4.62	860 FV CR			
								732 FV CR			
		4			92.08	2.25	4.32	362 BF 3CR GI	**2D7581**	4 Cyl.	STD
						2.25	4.09	126 RVT PC GI			
						2.25	4.09	126 RVT PC GI			
						4.75	4.34	553 CF CR GI			
								881 2PCO			
		4			92.08	3.18	3.84	362 BF 3CR GI	**2C7745**		STD
						3.18	3.86	126 RVT PC GI			
						3.18	3.86	126 RVT PC GI			
						4.75	1.27	860 FV CR			
								732 FV CR			
		4		165-4, 4A; 185-4, 206-4, 4A; 206A4, 4A; 206B, * 206G, 206VEE, RE M & W Sleeve Kit #AP123 White Machine #A1085 INCREASE BORE SLEEVE ASSEMB. FOR ABOVE	95.25	3.18	4.17	362 BF 3CR GI	**2C7669**	4 Cyl.	STD
						3.18	3.94	126 RVT PC GI			
						3.18	3.94	126 RVT PC GI			
						4.75	1.27	860 FV CR			
								732 FV CR			
		6		425-C6 Gas & LPG	107.95	2.25	5.05	363 BF CR GI	**2C4877**	6 Cyl.	STD
						2.25	4.37	126 RVT PC GI			
						2.25	4.37	126 RVT PC GI			
						4.75	1.27	860 FV CR			
								732 FV CR			
		6		425C-6	107.95	2.38	5.05	032 BF PC GI	**6308**	6 Cyl.	STD
						2.38	5.08	126 RVT PC GI			
						2.38	5.08	126 RVT PC GI			
						4.75	1.27	860 FV CR			
								732 FV CR			
								363 BF CR GI	**2C6308**		STD
								126 RVT PC GI			
								126 RVT PC GI			
								860 FV CR			
								732 FV CR			
		6		HD 800, Gas & LPG	135.10	2.25	5.51	102 T PC GI	**7173**	6 Cyl.	STD
				HD800		2.25	5.54	102 T PC GI	**7173060**		1.50
						2.25	5.54	401 SCRP PC GI			
						4.75	5.21	860 FV CR			
								732 FV CR			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
MITSUBISHI											
4G11	1244	4		4G11	69.50	1.50	2.72	032 BF PC GI	**4673**	4 Cyl.	STD
						1.50	2.74	126 RVT PC GI			
						4.00	3.94	055 FV CR			
								732 FV CR			
								362 BF 3CR GI	**2C4673**		STD
								126 RVT PC GI	**2C4673010**		0.25
								055 FV CR	**2C4673020**		0.50
								732 FV CR	**2C4673030**		0.75
									2C4673040		1.00
4G42	1187	4	1983-86	4G42	71.00	2.00	3.30	032 BF PC GI	**4342**	4 Cyl.	STD
						2.00	3.33	401 SCRP PC GI			
						4.00	3.81	056 FV CR			
								732 FV CR			
								362 BF 3CR GI	**2C4342**		STD
								401 SCRP PC GI	**2C4342020**		0.50
								056 FV CR	**2C4342040**		1.00
								732 FV CR			
G13B	1298	4	1985-91	G13B	71.00	1.50	2.72	032 BF PC GI	**4618**	4 Cyl.	STD
						1.50	3.33	126 RVT PC GI	**4618010**		0.25
						4.00	3.30	058 FV CR	**4618020**		0.50
								732 FV CR	**4618030**		0.75
									4618040		1.00
								362 BF 3CR GI	**2C4618**		STD
								126 RVT PC GI	**2C4618010**		0.25
								058 FV CR	**2C4618020**		0.50
								732 FV CR	**2C4618030**		0.75
									2C4618040		1.00
4G36EC		4		4G36EC Colt, Mirage	71.80	1.50	3.35	032 BF PC GI	**4694**	4 Cyl.	STD
						1.50	3.38	126 RVT PC GI	**4694020**		0.50
						4.00	3.43	058 FV CR	**4694040**		1.00
								732 FV CR			
								362 BF 3CR GI	**2C4694**		STD
								126 RVT PC GI	**2C4694020**		0.50
								058 FV CR	**2C4694040**		1.00
								732 FV CR			
	997	4	1963-67	997cc 1100	72.00	2.00	3.38	102 T PC GI	**6752**	4 Cyl.	STD
						2.00	3.40	401 SCRP PC GI			
						4.00	3.81	056 FV CR			
								732 FV CR			
								362 BF 3CR GI	**2C6752**		STD
								401 SCRP PC GI			
								056 FV CR			
								732 FV CR			
4G33, 4G36	1238	4	1975-78	4G33, 4G36 New	73.00	1.50	3.10	032 BF PC GI	**4347**	4 Cyl.	STD
						1.50	3.07	126 RVT PC GI	**4347020**		0.50
						4.00	3.30	058 FV CR	**4347030**		0.75
								732 FV CR	**4347040**		1.00
									4347060		1.50
								362 BF 3CR GI	**2C4347**		STD
								126 RVT PC GI	**2C4347010**		0.25
								058 FV CR	**2C4347020**		0.50
								732 FV CR	**2C4347030**		0.75
									2C4347040		1.00
									2C4347060		1.50
KE44 Old, 4G30, 4G33	1088	4	1967-73	, KE44 Old, 4G30, 4G33	73.00	2.00	2.84	032 BF PC GI	**6714**	4 Cyl.	STD
	1289		1969-70	Galant, 4G30		2.00	2.87	401 SCRP PC GI	**6714020**		0.50
						4.00	3.30	058 FV CR	**6714030**		0.75
								732 FV CR	**6714040**		1.00
									6714060		1.50
								362 BF 3CR GI	**2C6714**		STD
								401 SCRP PC GI	**2C6714020**		0.50
								058 FV CR	**2C6714030**		0.75
								732 FV CR	**2C6714040**		1.00
									2C6714060		1.50

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
MITSUBISHI											
G12B	1378	4	1979-On	Engs. J, Q, G12B	74.00	1.50	3.20	032 BF PC GI	**4396**	4 Cyl.	STD
	1410					1.50	3.45	126 RVT PC GI	**4396010**		0.25
						4.00	3.30	058 FV CR	**4396020**		0.50
								732 FV CR	**4396030**		0.75
									4396040		1.00
									4396060		1.50
								362 BF 3CR GI	**2C4396**		STD
								126 RVT PC GI	**2C4396010**		0.25
								058 FV CR	**2C4396020**		0.50
								732 FV CR	**2C4396030**		0.75
									2C4396040		1.00
									2C4396060		1.50
								327 BF PM GI	**2M4396**		STD
								126 RVT PC GI	**2M4396020**		0.50
								058 FV CR	**2M4396030**		0.75
								732 FV CR	**2M4396040**		1.00
									2M4396060		1.50
G15B, 4G15B, G4AJ, G4DJ		4	1991-96	92cu. in. Q, 12 Valve G15B, 4G15B, G4AJ, G4DJ	75.50	1.20	2.92	398 BF CR S	**2C4668**	4 Cyl.	STD
						1.50	3.12	126 RVT PC GI	**2C4668010**		0.25
						3.00	3.18	054 FV CR	**2C4668020**		0.50
								732 FV CR	**2C4668030**		0.75
									2C4668040		1.00
									2C4668060		1.50
4G15	1468	4	1997-02	, 4G15	75.50	1.20	2.92	398 BF CR S	**2C4884**	4 Cyl.	STD
						1.50	3.12	126 RVT PC GI	**2C4884020**		0.50
						2.80	2.79	996 FV CR	**2C4884030**		0.75
								732 FV CR	**2C4884040**		1.00
G15B, G4DJ	1468	4	1985-90	G15B, G4DJ	75.50	1.50	2.95	032 BF PC GI	**5716**	4 Cyl.	STD
						1.50	3.12	126 RVT PC GI	**5716010**		0.25
						4.00	3.68	058 FV CR	**5716020**		0.50
								732 FV CR	**5716030**		0.75
									5716040		1.00
									5716060		1.50
								363 BF CR GI	**2C5716**		STD
								126 RVT PC GI	**2C5716010**		0.25
								058 FV CR	**2C5716020**		0.50
								732 FV CR	**2C5716030**		0.75
									2C5716040		1.00
									2C5716060		1.50
								327 BF PM GI	**2M5716**		STD
								126 RVT PC GI	**2M5716010**		0.25
								058 FV CR	**2M5716020**		0.50
								732 FV CR	**2M5716030**		0.75
									2M5716040		1.00
4G18	1584	4	2002-On	4G18, SOHC Proton 96.7cu. in. Korean	76.00	1.20	3.12	398 BF CR S	**2C5182**	4 Cyl.	STD
						1.20	2.97	610 RVT PC GI	**2C5182020**		0.50
						2.50	2.79	995 FV CR	**2C5182040**		1.00
								732 FV CR			
4G41	1378	4	1971-73	Galant Coupe FTO, Delica Truck T120, 4G41	76.50	2.00	3.45	032 BF PC GI	**4492**	4 Cyl.	STD
						2.00	3.48	401 SCRP PC GI	**4492020**		0.50
						4.00	3.94	056 FV CR	**4492030**		0.75
								732 FV CR			
								362 BF 3CR GI	**2C4492**		STD
								401 SCRP PC GI	**2C4492020**		0.50
								056 FV CR	**2C4492040**		1.00
								732 FV CR			
4G32	1597	4	1985-89	4G32 Incl. Turbo	76.90	1.50	3.30	032 BF PC GI	**4353**	4 Cyl.	STD
						1.50	3.68	126 RVT PC GI	**4353020**		0.50
						4.00	3.43	058 FV CR	**4353030**		0.75
								732 FV CR	**4353040**		1.00
								362 BF 3CR GI	**2C4353**		STD
								126 RVT PC GI	**2C4353010**		0.25
								058 FV CR	**2C4353020**		0.50
								732 FV CR	**2C4353030**		0.75
									2C4353040		1.00

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
MITSUBISHI											
4G32, 4G32B	1597	4	1971-83	Engs. K, Z	76.90	2.00	3.66	032 BF PC GI	**675**	4 Cyl.	STD
	1600					2.00	3.68	126 RVT PC GI	**675010**		0.25
						4.00	3.94	056 FV CR	**675020**		0.50
								732 FV CR	**675030**		0.75
									675040		1.00
									675060		1.50
								362 BF 3CR GI	**2C675**		STD
								126 RVT PC GI	**2C675010**		0.25
								056 FV CR	**2C675020**		0.50
								732 FV CR	**2C675030**		0.75
									2C675040		1.00
2G25				2G25	78.00	1.50	3.35	362 BF 3CR GI	**2C4619**	2 Cyl.	STD
						1.50	3.38	126 RVT PC GI	**2C4619020**		0.50
						2.50	2.92	533 FV CR	**2C4619030**		0.75
								732 FV CR	**2C4619040**		1.00
4G37, G62B	1755	4	1983-94	4G37, G62B Incl. Turbo	80.60	1.50	3.58	032 BF PC GI	**4367**	4 Cyl.	STD
	1795					1.50	3.61	401 SCRP PC GI	**4367020**		0.50
						4.00	3.30	058 FV CR	**4367030**		0.75
								732 FV CR	**4367040**		1.00
								363 BF CR GI	**2C4367**		STD
								401 SCRP PC GI	**2C4367020**		0.50
								058 FV CR	**2C4367030**		0.75
								732 FV CR	**2C4367040**		1.00
									2C4367060		1.50
4G62B		4	1983-85	4G62B	80.60	2.00	3.58	032 BF PC GI	**6172**	4 Cyl.	STD
						2.00	3.61	401 SCRP PC GI	**6172020**		0.50
						4.00	3.81	056 FV CR	**6172030**		0.75
								732 FV CR	**6172040**		1.00
									6172060		1.50
								363 BF CR GI	**2C6172**		STD
								401 SCRP PC GI	**2C6172020**		0.50
								056 FV CR	**2C6172030**		0.75
								732 FV CR	**2C6172040**		1.00
4G93	1834	4	1992-02	16 Valve 4G93	81.00	1.20	3.33	398 BF CR S	**2C4769**	4 Cyl.	STD
						1.20	3.15	126 RVT PC GI	**2C4769020**		0.50
						2.80	2.67	997 FV CR	**2C4769030**		0.75
								732 FV CR	**2C4769040**		1.00
4G94	1997	4	2002-06	, 4G94 SOHC	81.50	1.20	3.33	398 BF CR S	**2C5173**	4 Cyl.	STD
						1.20	3.15	126 RVT PC GI	**2C5173020**		0.50
						2.50	2.67	995 FV CR	**2C5173030**		0.75
								732 FV CR	**2C5173040**		1.00
4G31, 4G61	1595	4	1989-93	DOHC, 4G31, 4G61, Turbo	82.30	1.20	3.33	398 BF CR S	**2C4669**	4 Cyl.	STD
						1.50	3.61	126 RVT PC GI	**2C4669020**		0.50
						3.00	2.79	997 FV CR	**2C4669030**		0.75
								732 FV CR	**2C4669040**		1.00
4G52	1995	4	1958-82		84.00	2.00	3.99	032 BF PC GI	**4247**	4 Cyl.	STD
	2000					2.00	3.84	126 RVT PC GI	**4247020**		0.50
						4.00	3.43	058 FV CR	**4247030**		0.75
								732 FV CR	**4247040**		1.00
									4247060		1.50
								362 BF 3CR GI	**2C4247**		STD
								126 RVT PC GI	**2C4247010**		0.25
								058 FV CR	**2C4247020**		0.50
								732 FV CR	**2C4247030**		0.75
									2C4247040		1.00
									2C4247060		1.50
4G63, 4G63T	1998	4	2003-08	DOHC Vin:D,F 16V 4G63, 4G63T (turbo)	85.00	1.20	3.33	398 BF CR S	**2C4558**	4 Cyl.	STD
						1.20	3.35	610 RVT PC GI	**2C4558020**		0.50
						2.00	2.67	993 FV CR	**2C4558040**		1.00
								732 FV CR			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
MITSUBISHI											
4G63, GTX	1997	4	1988-92	4G63, GTX, DOHC Turbo Thru 4/92	85.00	1.20	3.33	398 BF CR S	**2C4613**	4 Cyl.	STD
						1.50	3.43	126 RVT PC GI	**2C4613010**		0.25
						3.00	3.30	054 FV CR	**2C4613020**		0.50
								732 FV CR	**2C4613030**		0.75
									2C4613040		1.00
								326 TBF GN SS	**2N461325**		0.25
								435 SCRP PC GI			
								672 FV GN			
								708 FV GN			
4G63	1997	4	1992-97	DOHC, 16 Valve, 4G63 Incl. Turbo Begin 5/92, Shallow Oil Groove	85.00	1.20	3.33	398 BF CR S	**2C4768**	4 Cyl.	STD
						1.50	3.43	126 RVT PC GI	**2C4768010**		0.25
						3.00	2.67	997 FV CR	**2C4768020**		0.50
								732 FV CR	**2C4768030**		0.75
									2C4768040		1.00
									2C4768060		1.50
4G63	1997	4	1995-99	, 4G63 incl. Turbo	85.00	1.20	3.33	398 BF CR S	**2C4933**	4 Cyl.	STD
						1.50	3.43	126 RVT PC GI	**2C4933020**		0.50
						2.80	2.67	997 FV CR	**2C4933030**		0.75
								732 FV CR	**2C4933040**		1.00
									2C4933060		1.50
								326 TBF GN SS	**2N4933**		STD
								435 SCRP PC GI	**2N493325**		0.25
								672 FV GN			
								708 FV GN			
KE45, A G63B,4G63	1498	4	1965-70	KE45	85.00	2.00	3.81	032 BF PC GI	**6171**	4 Cyl.	STD
	1997		1983-88	A G63B		2.00	3.45	126 RVT PC GI	**6171020**		0.50
						4.00	3.43	058 FV CR	**6171030**		0.75
								732 FV CR	**6171040**		1.00
									6171060		1.50
								362 BF 3CR GI	**2C6171**		STD
								126 RVT PC GI	**2C6171020**		0.50
								058 FV CR	**2C6171030**		0.75
								732 FV CR	**2C6171040**		1.00
									2C6171060		1.50
A 4G63, G63B	1997	4	1983-93	SOHC, A 4G63, G63B	85.00	1.50	3.43	032 BF PC GI	**6899**	4 Cyl.	STD
						1.50	3.43	126 RVT PC GI	**6899010**		0.25
						4.00	3.81	056 FV CR	**6899020**		0.50
								732 FV CR	**6899030**		0.75
									6899040		1.00
									6899060		1.50
								362 BF 3CR GI	**2C6899**		STD
								126 RVT PC GI	**2C6899010**		0.25
								056 FV CR	**2C6899020**		0.50
								732 FV CR	**2C6899030**		0.75
									2C6899040		1.00
									2C6899060		1.50
								327 BF PM GI	**2M6899**		STD
								126 RVT PC GI	**2M6899010**		0.25
								056 FV CR	**2M6899020**		0.50
								732 FV CR	**2M6899060**		1.50
		4			86.00	1.20	3.33	398 BF CR S	**2C4179**	4 Cyl.	STD
						1.50	3.43	126 RVT PC GI	**2C4179020**		0.50
						2.00	2.79	993 FV CR	**2C4179030**		0.75
								005 FV CR			
4B11, 4B11T	1998	4	2009-12	4B11, 4B11T DOHC Lancer, Outlander Sport	86.00	1.20	3.33	398 BF CR S	**2C4835**	4 Cyl.	STD
						1.20	3.58	126 RVT PC GI	**2C4835020**		0.50
						2.00	2.79	993 FV CR	**2C4835030**		0.75
								005 FV CR	**2C4835040**		1.00

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
MITSUBISHI											
G64B, 4G64	2351	4	1985-92	G64B, 4G64	86.50	1.50	3.45	032 BF PC GI	**4638**	4 Cyl.	STD
						1.50	3.45	126 RVT PC GI	**4638020**		0.50
						4.00	3.68	058 FV CR	**4638030**		0.75
								732 FV CR	**4638040**		1.00
									4638060		1.50
								362 BF 3CR GI	**2C4638**		STD
								126 RVT PC GI	**2C4638010**		0.25
								058 FV CR	**2C4638020**		0.50
								732 FV CR	**2C4638030**		0.75
									2C4638040		1.00
4G64, G4JS, EF 2.4	2351	4	1993-04	16 Valve, Galant, RDS2, 4G64, G4JS Vin: G,Y DOHC, SOHC	86.50	1.20	3.33	398 BF CR S	**2C4780**	4 Cyl.	STD
						1.50	3.45	126 RVT PC GI	**2C4780020**		0.50
						2.80	2.79	997 FV CR	**2C4780030**		0.75
								732 FV CR	**2C4780040**		1.00
									2C4780060		1.50
4G64	2350	4	1992-96	Pickup 4G64	86.50	1.20	3.33	398 BF CR S	**2C4783**	4 Cyl.	STD
						1.50	3.45	126 RVT PC GI	**2C4783010**		0.25
						3.00	2.54	997 FV CR	**2C4783020**		0.50
								732 FV CR	**2C4783030**		0.75
									2C4783040		1.00
									2C4783060		1.50
4G69	2378	4	2004-12	4G69 SOHC Vin:F	87.00	1.20	3.33	398 BF CR S	**2C5148**	4 Cyl.	STD
						1.20	3.35	610 RVT PC GI	**2C5148020**		0.50
						2.00	2.54	990 FV CR	**2C5148030**		0.75
								732 FV CR			
420A	1997	4	1994-99	, Eclipse, 420A, A588	87.50	1.20	3.53	398 BF CR S	**2C4759**	4 Cyl.	STD
						1.20	3.33	126 RVT PC GI	**2C4759010**		0.25
						3.00	3.94	872 FV CR	**2C4759020**		0.50
								732 FV CR	**2C4759030**		0.75
									2C4759040		1.00
									2C4759060		1.50
6B31	2998	6	2007-12	Outlander, 6B31 SOHC	87.60	1.20	3.33	398 BF CR S	**2C5146**	6 Cyl.	STD
						1.00	3.35	123 RVT PC DI	**2C5146030**		0.75
						2.00	2.54	990 FV CR	**2C5146040**		1.00
								732 FV CR			
4B12	2359	4	2008-15	4B12 DOHC Lancer, Outlander	88.00	1.20	3.33	398 BF CR S	**2C5297**	4 Cyl.	STD
						1.20	3.33	126 RVT PC GI	**2C5297020**		0.50
						2.00	2.79	993 FV CR	**2C5297030**		0.75
								005 FV CR	**2C5297040**		1.00
6G72	2972	6	1987-02	181 CID, Montero, Pickup, 6G72 Vin: F,H,P	91.10	1.50	4.04	032 BF PC GI	**4453**	6 Cyl.	STD
						1.50	4.06	126 RVT PC GI	**4453010**		0.25
						4.00	3.30	870 FV CR	**4453020**		0.50
								732 FV CR	**4453030**		0.75
									4453040		1.00
									4453060		1.50
								335 T PM DI	**2M4453**		STD
								126 RVT PC GI	**2M4453010**		0.25
								870 FV CR	**2M4453020**		0.50
								732 FV CR	**2M4453030**		0.75
									2M4453040		1.00
									2M4453060		1.50
6G72-T, 6G72	2972	6	1990-04	Diamante, 6G72 Incl. Turbo DOHC, SOHC, Vin:F	91.10	1.20	3.73	398 BF CR S	**2C4670**	6 Cyl.	STD
						1.50	4.06	126 RVT PC GI	**2C4670020**		0.50
						3.00	2.92	997 FV CR	**2C4670030**		0.75
								732 FV CR	**2C4670040**		1.00
									2C4670060		1.50

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
MITSUBISHI											
4G54	2555	4	1982-83	Thru March 1983, 4G54	91.10	2.00	3.71	032 BF PC GI	**5595**	4 Cyl.	STD
						2.00	3.99	126 RVT PC GI	**5595010**		0.25
						4.00	3.30	870 FV CR	**5595020**		0.50
								732 FV CR	**5595030**		0.75
									5595040		1.00
									5595060		1.50
								362 BF 3CR GI	**2C5595**		STD
								126 RVT PC GI	**2C5595010**		0.25
								870 FV CR	**2C5595020**		0.50
								732 FV CR	**2C5595030**		0.75
									2C5595040		1.00
									2C5595060		1.50
								327 BF PM GI	**2M5595**		STD
								126 RVT PC GI	**2M5595010**		0.25
								870 FV CR	**2M5595020**		0.50
								732 FV CR	**2M5595030**		0.75
									2M5595040		1.00
									2M5595060		1.50
4D55, 4D56T	2346	4	1983-85	Diesel, 4D55 Incl. Turbo	91.10	2.50	4.04	370 HKST 3CR GI	**2D5666**	4 Cyl.	STD
			1986-On	Diesel, 4D56T Incl. Turbo L4 SOHC H-100, H-100 Van		2.00	4.06	370 HKST 3CR GI	**2D566650**		0.50
						4.00	4.24	204 CF CR DI	**2D566675**		0.75
								881 2PCO	**2D5666100**		1.00
4G54	2555	4	1983-89	, April 1983-89, 4G54	91.10	1.50	3.58	032 BF PC GI	**5667**	4 Cyl.	STD
						1.50	4.06	126 RVT PC GI	**5667010**		0.25
						4.00	3.81	056 FV CR	**5667020**		0.50
								732 FV CR	**5667030**		0.75
									5667040		1.00
									5667060		1.50
								363 BF CR GI	**2C5667**		STD
								126 RVT PC GI	**2C5667010**		0.25
								056 FV CR	**2C5667020**		0.50
								732 FV CR	**2C5667030**		0.75
									2C5667040		1.00
									2C5667060		1.50
4D55T	2346		1980-86	Turbo Diesel, 4D55T	91.10	2.50	3.96	243 HKST PM DI	**2M7338**	1 Cyl.	STD
	2476		1987-08	Turbo Diesel, 4D56T		2.00	3.99	235 HKST CR DI	**2M733850**		1.25
						4.00	4.24	204 CF CR DI	**2M7338100**		2.50
								881 2PCO			
4D55	2347		1983-86	Diesel, 4D55	91.10	2.50	3.96	231 BF PM DI	**2M7379**	1 Cyl.	STD
						2.00	3.99	236 TF CR DI			
						4.00	4.24	204 CF CR DI			
								881 2PCO			
4D55, 4D56	2347		1983-86	Diesel, 4D55	91.10	2.00	3.51	226 BF CR DI	**2C7454**	1 Cyl.	STD
	2477		1986-07	Diesel, 4D56(8v)		2.00	3.99	218 TF PC DI			
						4.00	4.24	204 CF CR DI			
								881 2PCO			
6G74	3497	6	1994-04	Montero, 6G74 SOHC DOHC Vin: P,4	93.00	1.50	3.48	032 BF PC GI	**4883**	6 Cyl.	STD
						1.50	3.78	126 RVT PC GI	**4883020**		0.50
						3.00	2.79	997 FV CR	**4883030**		0.75
								732 FV CR	**4883040**		1.00
								327 BF PM GI	**2M4883**		STD
								126 RVT PC GI	**2M4883020**		0.50
								997 FV CR	**2M4883030**		0.75
								732 FV CR	**2M4883040**		1.00
4M40, FB501, FD511	2835	4		Diesel, 4M40 incl. Turbo FB501, FD511, Pajero	95.00	2.50	4.17	372 FKST CR DI	**2C5056**	4 Cyl.	STD
						2.00	4.19	126 RVT PC GI	**2C5056020**		0.50
						4.00	5.31	553 CF CR GI	**2C5056040**		1.00
								881 2PCO			
6G75	3828	6	2003-05	6G75 SOHC Endeavor, Galant, Montero	95.00	1.20	3.53	398 BF CR S	**2C5169**	6 Cyl.	STD
						1.20	3.35	610 RVT PC GI	**2C5169020**		0.50
						2.00	2.92	991 FV CR	**2C5169030**		0.75
								005 FV CR	**2C5169040**		1.00

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
MORRIS											
		4	1963-66	Minor 1000, 1100, Mini-Cooper	64.57	1.60	3.00	032 BF PC GI	**6742**	4 Cyl.	STD
						1.60	3.02	032 BF PC GI	**6742010**		0.25
						1.60	3.02	401 SCRP PC GI	**6742020**		0.50
						3.00	1.27	716 FV	**6742030**		0.75
								710 FV CR	**6742040**		1.00
									6742060		1.50
									6742080		2.00
									6742100		2.50
									6742120		3.00
								362 BF 3CR GI	**2C6742**		STD
								032 BF PC GI	**2C6742010**		0.25
								401 SCRP PC GI	**2C6742020**		0.50
								710 FV CR	**2C6742030**		0.75
								732 FV CR	**2C6742040**		1.00
									2C6742060		1.50
		4	1963-66	J2 Series	73.03	1.60	3.10	102 T PC GI	**5897**	4 Cyl.	STD
						1.60	3.12	102 T PC GI	**5897020**		0.50
						1.60	3.12	102 T PC GI	**5897030**		0.75
						4.00	3.30	058 FV CR	**5897040**		1.00
								732 FV CR	**5897060**		1.50
NASH											
		6	1957	Rambler 5710	79.38	2.25	3.76	032 BF PC GI	**680**	6 Cyl.	STD
						2.25	3.78	126 RVT PC GI	**680020**		0.50
						4.75	3.94	871 FV CR	**680030**		0.75
								732 FV CR	**680040**		1.00
									680060		1.50
								362 BF 3CR GI	**2C680**		STD
								126 RVT PC GI	**2C680020**		0.50
								871 FV CR	**2C680030**		0.75
								732 FV CR	**2C680040**		1.00
		6	1941-51	Ambassador 4160, At #N6-45310, 4260, 4660, 4760, 4860, 4960, 5060, 5160	85.73	2.25	4.04	362 BF 3CR GI	**2C438**	6 Cyl.	STD
						2.25	3.89	126 RVT PC GI	**2C438020**		0.50
						4.00	4.39	860 FV CR	**2C438030**		0.75
						4.00	3.89	732 FV CR			
								501 1PCO PC GI			
		8	1956-57	Rambler 5720, Statesman 5650	88.90	2.00	4.19	032 BF PC GI	**652**	8 Cyl.	STD
						2.00	4.22	126 RVT PC GI	**652030**		0.75
						4.75	1.27	860 FV CR	**652040**		1.00
								732 FV CR	**652060**		1.50
								363 BF CR GI	**2C652**		STD
								126 RVT PC GI	**2C652010**		0.25
								860 FV CR	**2C652020**		0.50
								732 FV CR	**2C652030**		0.75
									2C652040		1.00
								327 BF PM GI	**2M652**		STD
								126 RVT PC GI	**2M652030**		0.75
								860 FV CR	**2M652040**		1.00
								732 FV CR			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
NASH											
		8	1956-57	Ambassador 5680, 5780, Rambler, Rebel 5730	101.60	2.00	4.78	032 BF PC GI	**139**	8 Cyl.	STD
						2.00	4.80	126 RVT PC GI	**139010**		0.25
						4.75	4.88	860 FV CR	**139020**		0.50
								732 FV CR	**139030**		0.75
									139040		1.00
									139060		1.50
									139070		1.75
									139080		2.00
									139100		2.50
								362 BF 3CR GI	**2C139**		STD
								126 RVT PC GI	**2C139010**		0.25
								860 FV CR	**2C139020**		0.50
								732 FV CR	**2C139030**		0.75
									2C139040		1.00
									2C139060		1.50
									2C139070		1.75
									2C139080		2.00
								397 BF PM S	**2M139**		STD
								126 RVT PC GI	**2M139005**		0.13
								860 FV CR	**2M139010**		0.25
								732 FV CR	**2M139020**		0.50
									2M139030		0.75
									2M139040		1.00
									2M139060		1.50
									2M139070		1.75
									2M139080		2.00
									2M139100		2.50
NISSAN											
MA10, MA10ET	987	4	1982-On	987cc MA10, MA10ET	68.00	1.50	2.59	032 BF PC GI	**4696**	4 Cyl.	STD
						1.50	2.62	126 RVT PC GI	**4696008**		0.20
						2.80	3.30	859 FV CR	**4696020**		0.50
								732 FV CR			
MA10, MA10ET								363 BF CR GI	**2C4696**		STD
								126 RVT PC GI	**2C4696008**		0.20
								859 FV CR	**2C4696010**		0.25
								732 FV CR	**2C4696020**		0.50
									2C4696030		0.75
MA12	1200	4		MA12 Micra	71.00	1.50	2.72	032 BF PC GI	**4362**	4 Cyl.	STD
						1.50	3.33	126 RVT PC GI	**4362020**		0.50
						2.80	3.18	859 FV CR	**4362040**		1.00
								732 FV CR			
MA12								362 BF 3CR GI	**2C4362**		STD
								126 RVT PC GI	**2C4362008**		0.20
								859 FV CR	**2C4362020**		0.50
								732 FV CR	**2C4362030**		0.75
									2C4362040		1.00
E10		4		E10	73.00	1.50	3.40	362 BF 3CR GI	**2C4347**	4 Cyl.	STD
						1.50	3.07	126 RVT PC GI	**2C4347010**		0.25
						4.00	3.30	058 FV CR	**2C4347020**		0.50
								732 FV CR	**2C4347030**		0.75
									2C4347040		1.00
									2C4347060		1.50
2000 P130, WP130, A10, J13, J20	1973	6	1966-69	2000 P130, WP130, A10, J13, J20	73.00	2.00	3.10	032 BF PC GI	**4410**	6 Cyl.	STD
						2.00	3.12	401 SCRP PC GI	**4410020**		0.50
						4.00	3.30	058 FV CR	**4410030**		0.75
								732 FV CR	**4410040**		1.00
								362 BF 3CR GI	**2C4410**		STD
								401 SCRP PC GI	**2C4410020**		0.50
								058 FV CR			
								732 FV CR			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
NISSAN											
A10, A12, D11, E1, J, J13, L520, L521	1200	4	1962-70	988cc, Engs. A10, A12, D11, E1, J Pickup, Sedan & Station Wagon; Sunny 1000, B10	73.00	2.00	2.84	032 BF PC GI	**6714**	4 Cyl.	STD
	1171		1970-74	Model B110		2.00	2.87	401 SCRP PC GI	**6714020**		0.50
	1189		1974	Model B110		4.00	3.30	058 FV CR	**6714030**		0.75
	1288		1964-67	Model B210				732 FV CR	**6714040**		1.00
	1288		1966-75	A10, D11, E1, J, P411, PL411					**6714060**		1.50
								362 BF 3CR GI	**2C6714**		STD
								401 SCRP PC GI	**2C6714020**		0.50
								058 FV CR	**2C6714030**		0.75
								732 FV CR	**2C6714040**		1.00
									2C6714060		1.50
	1400	4		GA14, GA14S, AD Ban	73.60	1.50	2.82	362 BF 3CR GI	**2C4158**	4 Cyl.	STD
	1500			GA15, GA15A AD Ban		1.50	3.10	401 SCRP PC GI	**2C4158020**		0.50
						2.80	2.67	322 BF GN SS	**2N4158**		STD
								126 RVT PC GI			
								672 FV GN			
								708 FV GN			
	1237	4	1979-82	210, A12A	75.00	2.00	3.45	032 BF PC GI	**6813**	4 Cyl.	STD
						2.00	3.48	401 SCRP PC GI	**6813020**		0.50
						4.00	3.94	056 FV CR	**6813030**		0.75
								732 FV CR	**6813040**		1.00
									6813060		1.50
								362 BF 3CR GI	**2C6813**		STD
								401 SCRP PC GI	**2C6813010**		0.25
								056 FV CR	**2C6813020**		0.50
								732 FV CR	**2C6813030**		0.75
									2C6813040		1.00
									2C6813060		1.50
									2C6813063		1.60
	1237	4	1979-On	, A12A Shallow Oil Ring Groove	75.00	2.00	3.45	032 BF PC GI	**6818**	4 Cyl.	STD
						2.00	3.48	401 SCRP PC GI	**6818020**		0.50
						4.00	2.92	856 FV CR	**6818030**		0.75
								732 FV CR	**6818040**		1.00
									6818060		1.50
								362 BF 3CR GI	**2C6818**		STD
								401 SCRP PC GI	**2C6818010**		0.25
								856 FV CR	**2C6818020**		0.50
								732 FV CR	**2C6818030**		0.75
									2C6818040		1.00
									2C6818060		1.50
	1397	4	1975-81	F10, 210, B210, 310; A12 & A14	76.00	2.00	3.20	102 T PC GI	**4266**	4 Cyl.	STD
						2.00	3.23	401 SCRP PC GI	**4266010**		0.25
						4.00	3.68	058 FV CR	**4266020**		0.50
								732 FV CR	**4266030**		0.75
									4266040		1.00
									4266060		1.50
								362 BF 3CR GI	**2C4266**		STD
								401 SCRP PC GI	**2C4266010**		0.25
								058 FV CR	**2C4266020**		0.50
								732 FV CR	**2C4266030**		0.75
									2C4266040		1.00
									2C4266060		1.50
GA16,GA16DE, GA16I	1597	4	1989-94	GA16, GA16i, GA16DE	76.00	1.50	2.95	032 BF PC GI	**4659**	4 Cyl.	STD
E16, GA16DE, GA16I	1597		1989-94			1.50	3.23	435 SCRP PC GI	**4659010**		0.25
						2.80	3.30	861 FV CR	**4659020**		0.50
								732 FV CR	**4659030**		0.75
									4659040		1.00
								362 BF 3CR GI	**2C4659**		STD
								435 SCRP PC GI	**2C4659010**		0.25
								861 FV CR	**2C4659020**		0.50
								732 FV CR	**2C4659030**		0.75
									2C4659040		1.00

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
NISSAN											
	1597	4		GA16DS	76.00	1.50	3.45	032 BF PC GI	**4935**	4 Cyl.	STD
GA16DS	1597					1.50	3.48	126 RVT PC GI	**4935020**		0.50
						3.00	3.94	872 FV CR	**4935040**		1.00
								732 FV CR			
								362 BF 3CR GI	**2C4935**		STD
								126 RVT PC GI	**2C4935020**		0.50
								872 FV CR	**2C4935040**		1.00
								732 FV CR			
GA16, GA16i, GA16DE	1597	4	1995-99	GA16, GA16i, GA16DE, 200SX 2 Ring Piston	76.00	1.50	3.20	362 BF 3CR GI	**2C4958**	4 Cyl.	STD
						2.80	2.79	996 FV CR	**2C4958010**		0.25
								732 FV CR	**2C4958020**		0.50
									2C4958030		0.75
									2C4958040		1.00
A14, A15	1397	4	1979-82	A14	76.00	1.20	3.33	398 BF CR S	**2C6146**	4 Cyl.	STD
	1488			A15 Engs. 210		2.00	3.48	401 SCRP PC GI	**2C6146010**		0.25
						4.00	3.94	056 FV CR	**2C6146020**		0.50
								732 FV CR	**2C6146030**		0.75
									2C6146040		1.00
									2C6146060		1.50
E13, E15, E16	1270	4	1982-88	E13 E15	76.00	1.50	2.95	032 BF PC GI	**6151**	4 Cyl.	STD
	1488			E15, E16 Engs. Sentra Series 310, Pulsar		1.50	3.48	126 RVT PC GI	**6151010**		0.25
						4.00	3.43	058 FV CR	**6151020**		0.50
								732 FV CR	**6151030**		0.75
									6151040		1.00
									6151060		1.50
								362 BF 3CR GI	**2C6151**		STD
								126 RVT PC GI	**2C6151010**		0.25
								058 FV CR	**2C6151020**		0.50
								732 FV CR	**2C6151030**		0.75
									2C6151040		1.00
									2C6151060		1.50
								327 BF PM GI	**2M6151**		STD
								126 RVT PC GI			
								058 FV CR			
								732 FV CR			
	1461		2003-06	K9K SOHC Turbo Diesel	76.00	2.00	3.30	212 TBF CC DI	**2D7296**	1 Cyl.	STD
						2.00	3.33	214 RVT PC DI	**2D729650**		1.25
						2.50	3.30	248 CF CR			
								881 2PCO			
	1598	4	1983-On	CA16S	78.00	1.50	2.97	032 BF PC GI	**4265**	4 Cyl.	STD
						1.50	3.38	126 RVT PC GI	**4265010**		0.25
						4.00	3.30	058 FV CR	**4265020**		0.50
								732 FV CR	**4265030**		0.75
									4265040		1.00
									4265060		1.50
								362 BF 3CR GI	**2C4265**		STD
								126 RVT PC GI	**2C4265010**		0.25
								058 FV CR	**2C4265020**		0.50
								732 FV CR	**2C4265030**		0.75
									2C4265040		1.00
									2C4265060		1.50
								327 BF PM GI	**2M4265**		STD
								126 RVT PC GI	**2M4265010**		0.25
								058 FV CR	**2M4265020**		0.50
								732 FV CR	**2M4265030**		0.75
									2M4265040		1.00
									2M4265060		1.50
HR16DE	1598	4	2009-15	HR16DE DOHC 16v March, Versa	78.00	1.20	2.92	398 BF CR S	**2C4439**	4 Cyl.	STD
						1.20	3.23	610 RVT PC GI	**2C4439030**		0.75
						2.00	2.67	990 FV CR			
								732 FV CR			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
NISSAN											
CA16DE	1597	4	1987-88	CA16DE	78.00	1.50	2.97	032 BF PC GI	**4662**	4 Cyl.	STD
						1.50	3.71	102 T PC GI	**4662010**		0.25
						2.80	3.18	861 FV CR	**4662020**		0.50
								732 FV CR	**4662030**		0.75
									4662040		1.00
								363 BF CR GI	**2C4662**		STD
								102 T PC GI	**2C4662010**		0.25
								861 FV CR	**2C4662020**		0.50
								732 FV CR	**2C4662030**		0.75
									2C4662040		1.00
L20A	1988	6	1969-70	L20A	78.00	2.00	3.68	362 BF 3CR GI	**2C4682**	6 Cyl.	STD
						2.00	3.71	401 SCRP PC GI	**2C4682020**		0.50
						4.00	3.18	052 FV CR	**2C4682040**		1.00
								732 FV CR			
HR12DE	1198			MARCH, DATSUN GO	78.00	1.20	2.92	398 BF CR S	**2C5393**	3 Cyl.	STD
						1.20	3.23	610 RVL PC GI			
						2.00	2.67	990 FV CR			
								732 FV CR			
VG20E, VG20ET	1998	6	1986-93	VG20E RB20DET Skyline	78.00	1.50	2.97	032 BF PC GI	**6240**	6 Cyl.	STD
	1998		1986-93	VG20ET		1.50	3.71	102 T PC GI	**6240010**		0.25
						2.80	3.18	861 FV CR	**6240020**		0.50
								732 FV CR	**6240030**		0.75
									6240040		1.00
								363 BF CR GI	**2C6240**		STD
								102 T PC GI	**2C6240010**		0.25
								861 FV CR	**2C6240020**		0.50
								732 FV CR	**2C6240030**		0.75
									2C6240040		1.00
J-15, J-16	1483	4	1970-72		78.00	2.00	3.35	032 BF PC GI	**6871**	4 Cyl.	STD
				1500		2.00	3.71	401 SCRP PC GI	**6871040**		1.00
						4.00	4.11	056 FV CR			
	1567							732 FV CR			
								362 BF 3CR GI	**2C6871**		STD
								401 SCRP PC GI	**2C6871020**		0.50
								056 FV CR	**2C6871030**		0.75
								732 FV CR	**2C6871040**		1.00
	1595	4	2002-On	Platina, Renault Eng made in Mexico	79.50	1.20	3.33	398 BF CR S	**2C5135**	4 Cyl.	STD
						1.50	3.43	126 RVT PC GI	**2C5135010**		0.25
						2.50	2.92	995 FV CR	**2C5135020**		0.50
								732 FV CR	**2C5135030**		0.75
QG18DE	1769	4	2000-04	QG18DE DOHC Sentra XE/ GXE	80.00	1.20	3.12	398 BF CR S	**2C5143**	4 Cyl.	STD
						1.20	3.20	610 RVT PC GI	**2C5143020**		0.50
						2.50	2.79	995 FV CR	**2C5143030**		0.75
								732 FV CR	**2C5143040**		1.00
CD17	1680	4	1983-88	Diesel Pulsar NX, CD17	80.00	1.75	3.68	363 BF CR GI	**2D6176**	4 Cyl.	STD
						2.00	3.71	401 SCRP PC GI	**2D617650**		0.50
						3.00	3.68	204 CF CR DI	**2D617675**		0.75
								881 2PCO	**2D6176100**		1.00
	1488	4	1963-65	, G, SP L .310U; '65 Fair Lady	80.00	2.00	3.18	032 BF PC GI	**6761**	4 Cyl.	STD
						2.00	3.71	401 SCRP PC GI	**6761020**		0.50
						4.00	3.81	056 FV CR	**6761030**		0.75
								732 FV CR	**6761040**		1.00
									6761060		1.50
								362 BF 3CR GI	**2C6761**		STD
								401 SCRP PC GI	**2C6761020**		0.50
								056 FV CR	**2C6761030**		0.75
								732 FV CR	**2C6761040**		1.00
	1870		2002-03	Diesel F9Q 780 800	80.00	2.50	3.51	220 TBF PM DI	**2M7332**	1 Cyl.	STD
						2.00	3.53	209 RVT PC DI			
						3.00	3.68	204 CF CR DI			
								881 2PCO			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
NISSAN											
	1800	4	1981-On	J18, Mexican Built	80.50	1.50	3.18	102 T PC GI	**4476**	4 Cyl.	STD
						2.00	3.20	126 RVT PC GI	**4476010**		0.25
						4.00	1.27	058 FV CR	**4476020**		0.50
								732 FV CR	**4476030**		0.75
									4476040		1.00
									4476060		1.50
								362 BF 3CR GI	**2C4476**		STD
								126 RVT PC GI	**2C4476010**		0.25
								058 FV CR	**2C4476020**		0.50
								732 FV CR	**2C4476030**		0.75
									2C4476040		1.00
									2C4476060		1.50
NA16S	1627	4	1994-On	NA16S	81.50	1.50	3.23	032 BF PC GI	**5201**	4 Cyl.	STD
						1.50	3.23	126 RVT PC GI	**5201020**		0.50
						4.00	3.30	058 FV CR	**5201040**		1.00
								732 FV CR			
	1809	4	1984-89	CA18DE, CA18ET Turbo	83.00	1.50	3.20	032 BF PC GI	**4221**	4 Cyl.	STD
						1.50	3.25	126 RVT PC GI	**4221020**		0.50
						2.80	3.30	861 FV CR	**4221040**		1.00
								732 FV CR			
CA18DE, CA18ET Turbo								376 BF CR DI	**2C4221**		STD
	1809		1984-89					126 RVT PC GI	**2C4221010**		0.25
								861 FV CR	**2C4221020**		0.50
								732 FV CR	**2C4221030**		0.75
									2C4221040		1.00
				CN33 4 Cyl., CN6-33 6 Cyl., SD33 6 Cyl., Chrysler Diesel 5 ring piston	83.00	2.50	3.53	363 BF CR GI	**2D4391**	2 Cyl.	STD
						2.00	3.35	126 RVT PC GI			
						2.00	3.35	126 RVT PC GI			
						4.50	4.14	553 CF CR GI			
						4.50	3.81	881 2PCO			
								501 1PCO PC GI			
	1809	4	1978-On	CA18E,S 1800 Series Auster, Bluebird, Laurel, Prairie	83.00	1.50	3.20	102 T PC GI	**4951**	4 Cyl.	STD
						1.50	3.25	126 RVT PC GI	**4951020**		0.50
						4.00	3.43	058 FV CR			
								732 FV CR			
CA18E								362 BF 3CR GI	**2C4951**		STD
								126 RVT PC GI	**2C4951020**		0.50
								058 FV CR	**2C4951040**		1.00
								732 FV CR			
SD20, SD22	2164	4	1980-83	Diesel, Pickup, SD20, SD22	83.00	2.50	3.53	363 BF CR GI	**2D6147**	4 Cyl.	STD
				SD20, SD22 Engs. Diesel 3 ring piston		2.00	3.35	126 RVT PC GI	**2D614725**		0.25
						4.50	4.14	553 CF CR GI	**2D614750**		0.50
								881 2PCO	**2D614775**		0.75
									2D6147100		1.00
									2D6147150		1.50
	2393	6	1981	810, L24E	83.00	1.50	3.20	032 BF PC GI	**6148**	6 Cyl.	STD
						2.00	3.81	401 SCRP PC GI	**6148020**		0.50
						4.00	4.62	860 FV CR	**6148030**		0.75
								732 FV CR	**6148040**		1.00
L24E								362 BF 3CR GI	**2C6148**		STD
								401 SCRP PC GI	**2C6148020**		0.50
								860 FV CR	**2C6148030**		0.75
								732 FV CR	**2C6148040**		1.00
	2393	6	1982-85	Maxima 810, L24E-2	83.00	1.50	3.20	032 BF PC GI	**6162**	6 Cyl.	STD
						1.50	3.25	126 RVT PC GI	**6162020**		0.50
						4.00	3.43	058 FV CR	**6162030**		0.75
								732 FV CR	**6162040**		1.00
L24E-2								362 BF 3CR GI	**2C6162**		STD
								126 RVT PC GI	**2C6162020**		0.50
								058 FV CR	**2C6162030**		0.75
								732 FV CR	**2C6162040**		1.00
									2C6162060		1.50
								327 BF PM GI	**2M6162**		STD
								126 RVT PC GI	**2M6162020**		0.50
								058 FV CR	**2M6162030**		0.75
								732 FV CR	**2M6162040**		1.00

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
NISSAN											
		6		CN6-33 SD33 Chrysler diesel 5 ring piston	83.00	2.50	3.53	363 BF CR GI	**2D6532**	6 Cyl.	STD
						2.00	3.56	362 BF 3CR GI	**2D653250**		0.50
						2.00	3.35	126 RVT PC GI	**2D6532100**		1.00
						4.50	4.14	553 CF CR GI			
						4.50	3.81	881 2PCO			
								501 1PCO PC GI			
	1296	4	1973-74	PL521 Pickup Bluebird 1300, 1600, P510; L13, L16	83.00	2.00	3.78	032 BF PC GI	**6831**	4 Cyl.	STD
	1428		1968-73	Engs. 620, Engs. 510 Series		2.00	3.81	401 SCRP PC GI	**6831010**		0.25
	1595		1968-73	Engs. 620, Engs. 510 Series		4.00	4.24	056 FV CR	**6831020**		0.50
								732 FV CR	**6831030**		0.75
									6831040		1.00
PL521								362 BF 3CR GI	**2C6831**		STD
								401 SCRP PC GI	**2C6831010**		0.25
								056 FV CR	**2C6831020**		0.50
								732 FV CR	**2C6831030**		0.75
									2C6831040		1.00
L24, L26	2393	6	1970-80	L26 Engs. HLS 30, 240Z, 260Z	83.00	2.00	3.78	032 BF PC GI	**6856**	6 Cyl.	STD
	2565			L26 Engs. HLS 30, 240Z, 260Z		2.00	3.81	401 SCRP PC GI	**6856010**		0.25
	2400		1978-80	810		4.00	3.43	058 FV CR	**6856020**		0.50
								732 FV CR	**6856030**		0.75
									6856040		1.00
								362 BF 3CR GI	**2C6856**		STD
								401 SCRP PC GI	**2C6856010**		0.25
								058 FV CR	**2C6856020**		0.50
								732 FV CR	**2C6856030**		0.75
									2C6856040		1.00
SD20, SD22		4		SD20, SD22 Engs. Diesel, Cedric, Echo Microbus 5 ring piston	83.00	2.50	3.53	363 BF CR GI	**2D6875**	4 Cyl.	STD
						2.00	3.56	362 BF 3CR GI	**2D687525**		0.25
						2.00	3.35	126 RVT PC GI	**2D687550**		0.50
						4.50	4.14	553 CF CR GI	**2D687575**		0.75
						4.50	3.81	881 2PCO	**2D6875100**		1.00
								501 1PCO PC GI			
MR18DE, MR20DE	1797	4	2007-12	MR18DE, DOHC, Tiida, Verso	84.00	1.20	2.92	398 BF CR S	**2C5223**	4 Cyl.	STD
	1999		2007-12	MR20DE DOHC 16V Sentra		1.20	3.33	126 RVT PC GI	**2C5223020**		0.50
						2.00	2.92	993 FV CR	**2C5223030**		0.75
								005 FV CR	**2C5223040**		1.00
M9R	1995		2006-07	Turbo Diesel M9R	84.00	2.50	3.51	211 HKST CC DI	**2D7343**	1 Cyl.	STD
						2.00	3.43	210 SCRP TF PC DI	**2D734350**		0.50
						2.00	2.87	248 CF CR			
								881 2PCO			
CA20E	1974	4	1989	CA20DE	84.50	1.50	3.43	032 BF PC GI	**4681**	4 Cyl.	STD
						1.50	3.84	126 RVT PC GI	**4681020**		0.50
						2.80	3.18	861 FV CR	**4681030**		0.75
								732 FV CR	**4681040**		1.00
								363 BF CR GI	**2C4681**		STD
CA20DE	1974		1989					126 RVT PC GI	**2C4681020**		0.50
								861 FV CR	**2C4681030**		0.75
								732 FV CR	**2C4681040**		1.00
CD20	1974	4		CD20 Diesel	84.50	2.00	3.81	376 BF CR DI	**2D4954**	4 Cyl.	STD
						2.00	3.45	126 RVT PC GI	**2D495450**		0.50
						3.00	3.84	553 CF CR GI	**2D4954100**		1.00
								881 2PCO			
CA20E, CA20S	1974	4	1982-88	Stanza NAP X, CA20E, CA20S	84.50	1.50	3.43	032 BF PC GI	**6156**	4 Cyl.	STD
						1.50	3.84	126 RVT PC GI	**6156020**		0.50
						4.00	3.94	056 FV CR	**6156030**		0.75
								732 FV CR	**6156040**		1.00
									6156060		1.50
								363 BF CR GI	**2C6156**		STD
								126 RVT PC GI	**2C6156020**		0.50
								056 FV CR	**2C6156030**		0.75
								732 FV CR	**2C6156040**		1.00

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
NISSAN											
LD28	2793	6	1982-84	Diesel Maxima, LD28	84.50	2.00	3.81	376 BF CR DI	**2D6160**	6 Cyl.	STD
						2.00	3.45	126 RVT PC GI	**2D616050**		0.50
						4.00	4.04	553 CF CR GI	**2D616075**		0.75
								881 2PCO	**2D6160100**		1.00
Z20	1952	4	1985	Z20	85.00	2.00	3.43	362 BF 3CR GI	**2C4661**	4 Cyl.	STD
						1.50	3.43	126 RVT PC GI	**2C4661020**		0.50
						4.00	3.43	058 FV CR	**2C4661030**		0.75
								732 FV CR	**2C4661040**		1.00
RD28		6		2800CC Turbo Diesel, RD28	85.00	2.00	3.81	376 BF CR DI	**2D5058**	6 Cyl.	STD
						2.00	3.45	126 RVT PC GI	**2D505850**		0.50
						4.00	4.04	860 FV CR	**2D5058100**		1.00
								732 FV CR			
L18, Z20, L20B	1770	4	1973-74	L18 610 Sedan 1800	85.00	2.00	3.81	032 BF PC GI	**6872**	4 Cyl.	STD
	1952		1974-80	200SX, 510, 610, 620 Pickup, 710, 2000 Series, L20B		2.00	4.04	401 SCRP PC GI	**6872020**		0.50
	1952		1974-80	200SX, L18, Z20		4.00	4.11	056 FV CR	**6872030**		0.75
								732 FV CR	**6872040**		1.00
									6872060		1.50
								362 BF 3CR GI	**2C6872**		STD
								401 SCRP PC GI	**2C6872020**		0.50
								056 FV CR	**2C6872030**		0.75
								732 FV CR	**2C6872040**		1.00
									2C6872060		1.50
Z20, G63B,	1952	4	1980-84	200SX, NAP-Z, Z20	85.00	1.50	3.43	032 BF PC GI	**6899**	4 Cyl.	STD
						1.50	3.43	126 RVT PC GI	**6899010**		0.25
						4.00	3.81	056 FV CR	**6899020**		0.50
								732 FV CR	**6899030**		0.75
									6899040		1.00
									6899060		1.50
								362 BF 3CR GI	**2C6899**		STD
								126 RVT PC GI	**2C6899010**		0.25
								056 FV CR	**2C6899020**		0.50
								732 FV CR	**2C6899030**		0.75
									2C6899040		1.00
									2C6899060		1.50
								327 BF PM GI	**2M6899**		STD
								126 RVT PC GI	**2M6899010**		0.25
								056 FV CR	**2M6899020**		0.50
								732 FV CR	**2M6899060**		1.50
P41	3956	6	1963-82	3956 cu. in. , P, P40 Forklift Nissan Partol Model 60	85.70	2.50	4.04	032 BF PC GI	**5738**	6 Cyl.	STD
	3956			P40 Forklift		2.50	4.06	401 SCRP PC GI	**5738010**		0.25
						4.75	1.27	871 FV CR	**5738020**		0.50
								732 FV CR	**5738030**		0.75
									5738040		1.00
									5738060		1.50
								362 BF 3CR GI	**2C5738**		STD
								401 SCRP PC GI	**2C5738010**		0.25
								871 FV CR	**2C5738020**		0.50
								732 FV CR	**2C5738030**		0.75
									2C5738040		1.00
									2C5738060		1.50
1Y, 2Y, 3Y	1996	4	1997-On	LWB, SWB Hardbody	86.00	1.50	3.45	032 BF PC GI	**4219**	4 Cyl.	STD
						1.50	3.78	435 SCRP PC GI	**4219020**		0.50
						4.00	3.43	058 FV CR	**4219030**		0.75
								732 FV CR	**4219040**		1.00
									4219060		1.50
								362 BF 3CR GI	**2C4219**		STD
								435 SCRP PC GI	**2C4219010**		0.25
								058 FV CR	**2C4219020**		0.50
								732 FV CR	**2C4219030**		0.75
									2C4219040		1.00
									2C4219060		1.50
								327 BF PM GI	**2M4219**		STD
								435 SCRP PC GI	**2M4219020**		0.50
								058 FV CR	**2M4219030**		0.75
								732 FV CR	**2M4219040**		1.00

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
NISSAN											
L28E, L28	2753	6	1975-80	280Z, 280ZX, L28E	86.00	2.00	4.04	032 BF PC GI	**4394**	6 Cyl.	STD
L28E	2753		1975-80			2.00	3.45	126 RVT PC GI	**4394020**		0.50
						4.00	4.50	860 FV CR	**4394030**		0.75
								732 FV CR	**4394040**		1.00
									4394060		1.50
								362 BF 3CR GI	**2C4394**		STD
								126 RVT PC GI	**2C4394020**		0.50
								860 FV CR	**2C4394030**		0.75
								732 FV CR	**2C4394040**		1.00
C 22 SED, X 22S E, D-TEC, LPG 2.0, C20NE, C20SE, SR20DE	1998	4	1991-00	SR20DE Vin:G	86.00	1.50	3.45	032 BF PC GI	**4601**	4 Cyl.	STD
						1.50	3.43	126 RVT PC GI	**4601020**		0.50
						3.00	3.81	872 FV CR	**4601030**		0.75
								732 FV CR	**4601040**		1.00
									4601060		1.50
								397 BF PM S	**2M4601**		STD
								126 RVT PC GI	**2M4601010**		0.25
								872 FV CR	**2M4601020**		0.50
								732 FV CR	**2M4601030**		0.75
									2M4601040		1.00
									2M4601060		1.50
RB30E	3000	6		RB30E	86.00	1.50	3.45	032 BF PC GI	**4754**	6 Cyl.	STD
						1.50	3.78	435 SCRP PC GI	**4754020**		0.50
						2.80	3.30	861 FV CR	**4754040**		1.00
								732 FV CR			
								376 BF CR DI	**2C4754**		STD
								435 SCRP PC GI	**2C4754020**		0.50
								861 FV CR			
								732 FV CR			
								397 BF PM S	**2M4754**		STD
								435 SCRP PC GI	**2M4754020**		0.50
								861 FV CR	**2M4754030**		0.75
								732 FV CR	**2M4754040**		1.00
L28E	2753	6	1981-83	280ZX, L28E, w/o Turbo	86.00	1.50	3.45	032 BF PC GI	**6142**	6 Cyl.	STD
L28E	2753		1981-83			2.00	3.45	126 RVT PC GI	**6142020**		0.50
						4.00	3.81	056 FV CR	**6142030**		0.75
								732 FV CR	**6142040**		1.00
								362 BF 3CR GI	**2C6142**		STD
								126 RVT PC GI	**2C6142020**		0.50
								056 FV CR	**2C6142030**		0.75
								732 FV CR	**2C6142040**		1.00
									2C6142060		1.50
L28ET		6	1981-83	280ZX Turbo, L28ET	86.00	1.50	3.86	376 BF CR DI	**2C6150**	6 Cyl.	STD
						2.00	3.45	126 RVT PC GI	**2C6150020**		0.50
						4.00	3.81	056 FV CR	**2C6150030**		0.75
								732 FV CR	**2C6150040**		1.00
Z22E, Z23	2187	4	1981-84	Pickup, Z22	87.00	1.50	3.61	102 T PC GI	**6149**	4 Cyl.	STD
	2187		1982-83	200SX, Z22, Z22E		1.50	3.94	102 T PC GI	**6149010**		0.25
						4.00	3.43	058 FV CR	**6149020**		0.50
								732 FV CR	**6149030**		0.75
									6149040		1.00
									6149060		1.50
								362 BF 3CR GI	**2C6149**		STD
								102 T PC GI	**2C6149010**		0.25
								058 FV CR	**2C6149020**		0.50
								732 FV CR	**2C6149030**		0.75
									2C6149040		1.00
								327 BF PM GI	**2M6149**		STD
								102 T PC GI	**2M6149010**		0.25
								058 FV CR	**2M6149020**		0.50
								732 FV CR	**2M6149030**		0.75
									2M6149040		1.00

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
NISSAN											
	2960	6	1984-98	, 300ZX, VG30E, VG30DE, VG30DETT Incl. Turbo	87.00	1.50	3.33	032 BF PC GI	**6196**	6 Cyl.	STD
						1.50	4.14	126 RVT PC GI	**6196020**		0.50
						2.80	3.30	861 FV CR	**6196030**		0.75
								732 FV CR	**6196040**		1.00
								335 T PM DI	**2M6196**		STD
								126 RVT PC GI	**2M6196020**		0.50
								861 FV CR	**2M6196030**		0.75
								732 FV CR	**2M6196040**		1.00
VG30E, VG30I	2960	6	1985-93	Pathfinder & Pickup, VG30E, VG30i	87.00	2.00	3.61	362 BF 3CR GI	**2C6239**	6 Cyl.	STD
	3000		1985-95	F.L. Pickup, Pathfinder		1.50	4.14	126 RVT PC GI	**2C6239020**		0.50
						2.80	3.30	861 FV CR	**2C6239030**		0.75
								732 FV CR	**2C6239040**		1.00
G9T.720,	2188		2002-On	Turbo Diesel G9T 720, 722, 750	87.00	3.00	3.81	228 HKST PM DI	**2M7349**	1 Cyl.	STD
						1.75	3.84	209 RVT PC DI			
						2.50	3.33	204 CF CR DI			
								881 2PCO			
R16	1595	4	1968-74	R16	87.20	2.00	4.11	032 BF PC GI	**6830**	4 Cyl.	STD
	1982			H20, H Engs. SPL311, PL411		2.50	4.14	401 SCRP PC GI	**6830020**		0.50
				H20 Cedric 2000, 130		4.00	4.75	860 FV CR	**6830030**		0.75
								732 FV CR	**6830040**		1.00
									6830060		1.50
								362 BF 3CR GI	**2C6830**		STD
								401 SCRP PC GI	**2C6830020**		0.50
								860 FV CR	**2C6830030**		0.75
								732 FV CR	**2C6830040**		1.00
									2C6830060		1.50
Z24I	2389	4	1985-90	720, D21 Pathfinder Van, 240SX, Z24i	89.00	2.00	3.38	032 BF PC GI	**4452**	4 Cyl.	STD
						1.50	4.01	126 RVT PC GI	**4452010**		0.25
						4.00	1.27	056 FV CR	**4452020**		0.50
								732 FV CR	**4452030**		0.75
									4452040		1.00
									4452060		1.50
								362 BF 3CR GI	**2C4452**		STD
								126 RVT PC GI	**2C4452010**		0.25
								056 FV CR	**2C4452020**		0.50
								732 FV CR	**2C4452030**		0.75
									2C4452040		1.00
									2C4452060		1.50
								327 BF PM GI	**2M4452**		STD
								126 RVT PC GI	**2M4452010**		0.25
								056 FV CR	**2M4452020**		0.50
								732 FV CR	**2M4452030**		0.75
									2M4452040		1.00
QR25	2488	4	2007-10	QR25 w/2.00mm oil grv.	89.00	1.20	2.92	398 BF CR S	**2C4516**	4 Cyl.	STD
						1.20	3.68	610 RVT PC GI	**2C4516010**		0.25
						2.00	2.54	990 FV CR	**2C4516020**		0.50
								732 FV CR	**2C4516030**		0.75
									2C4516040		1.00
KA24D, KA24E, KA24DE	2389	4	1989-98	240SX, KA24D, KA24E, KA24DE	89.00	1.50	3.38	032 BF PC GI	**4660**	4 Cyl.	STD
						1.50	4.01	126 RVT PC GI	**4660010**		0.25
						2.80	3.30	861 FV CR	**4660020**		0.50
								732 FV CR	**4660030**		0.75
									4660040		1.00
								363 BF CR GI	**2C4660**		STD
								126 RVT PC GI	**2C4660010**		0.25
								861 FV CR	**2C4660020**		0.50
								732 FV CR	**2C4660030**		0.75
									2C4660040		1.00
									2C4660060		1.50
KA24DE, QR25DE	2389	4	1999-04	KA24DE, DOHC	89.00	1.20	3.33	398 BF CR S	**2C5099**	4 Cyl.	STD
			2000-06	QR25DE Altima, Sentra SR-E w/2.5mm oil grv.		1.20	3.68	610 RVT PC GI	**2C5099010**		0.25
						2.50	3.05	995 FV CR	**2C5099020**		0.50
								732 FV CR	**2C5099030**		0.75
									2C5099040		1.00

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
NISSAN											
Z24	2389	4	1983-84	Z24	89.00	1.50	3.38	032 BF PC GI	**5673**	4 Cyl.	STD
						1.50	4.01	126 RVT PC GI	**5673020**		0.50
						4.00	1.27	056 FV CR	**5673030**		0.75
								732 FV CR	**5673040**		1.00
								363 BF CR GI	**2C5673**		STD
								126 RVT PC GI	**2C5673020**		0.50
								056 FV CR	**2C5673030**		0.75
								732 FV CR	**2C5673040**		1.00
SD23, SD25 new ,	2488	4	1983-88	Diesel, SD25	89.00	2.50	3.63	376 BF CR DI	**2D5674**	4 Cyl.	STD
						2.00	3.99	126 RVT PC GI	**2D5674020**		0.50
						4.50	4.14	553 CF CR GI	**2D5674030**		0.75
								881 2PCO	**2D5674040**		1.00
G9U 720	2463		2002-03	Diesel G9U 720, 730 Euro 3	89.00	3.00	3.86	228 HKST PM DI	**2M7328**	1 Cyl.	STD
						1.75	3.89	218 TF PC DI			
						2.50	3.33	204 CF CR DI			
								881 2PCO			
G9U	2463		2002-On	Turbo Diesel G9U	89.00	2.50	3.86	230 TBF PM DI	**2M7423**	1 Cyl.	STD
						1.75	3.89	209 RVT PC DI			
						2.50	3.33	204 CF CR DI			
								881 2PCO			
, YD25, YD25 DDT, YD25 DDTi,		4		YD25 DDTi D22 diesel Bassara, Cabstar, Fontier, Navara, Pathfinder, Presage, Terrano	89.00	2.00	3.20	209 RVT PC DI	**2D7531**	4 Cyl.	STD
								204 CF CR DI	**2D753150**		0.50
						3.00	3.55	881 2PCO			
VG33	3275	6	1996-04	VG33, Pathfinder, QX4	91.50	1.50	3.45	362 BF 3CR GI	**2C4899**	6 Cyl.	STD
						1.50	4.06	126 RVT PC GI	**2C4899020**		0.50
						2.80	2.79	997 FV CR	**2C4899030**		0.75
								732 FV CR	**2C4899040**		1.00
		4		H25 Model	92.00	2.00	4.32	032 BF PC GI	**5645**	4 Cyl.	STD
						2.50	4.34	126 RVT PC GI	**5645010**		0.25
						4.00	3.43	870 FV CR	**5645020**		0.50
								732 FV CR	**5645030**		0.75
									5645040		1.00
									5645060		1.50
								362 BF 3CR GI	**2C5645**		STD
								126 RVT PC GI	**2C5645010**		0.25
								870 FV CR	**2C5645020**		0.50
								732 FV CR	**2C5645030**		0.75
									2C5645040		1.00
									2C5645060		1.50
								327 BF PM GI	**2M5645**		STD
								126 RVT PC GI	**2M5645010**		0.25
								870 FV CR	**2M5645020**		0.50
								732 FV CR	**2M5645030**		0.75
									2M5645040		1.00
									2M5645060		1.50
VQ30DE	2987	6	1995-01	V6, DOHC, Maxima, VQ30DE	93.00	1.20	3.73	398 BF CR S	**2C4781**	6 Cyl.	STD
						1.20	3.81	610 RVT PC GI	**2C4781010**		0.25
						2.50	2.79	995 FV CR	**2C4781020**		0.50
								732 FV CR	**2C4781030**		0.75
									2C4781040		1.00
								397 BF PM S	**2M4781**		STD
								610 RVT PC GI	**2M4781010**		0.25
								995 FV CR	**2M4781020**		0.50
								732 FV CR	**2M4781030**		0.75
									2M4781040		1.00
VQ30DE, VQ40DE	3498	6	2001-10	VQ35DE, DOHC	95.50	1.20	3.73	398 BF CR S	**2C5112**	6 Cyl.	STD
	3954		2005-11	VQ40DE, DOHC Pathfinder, Xterra		1.20	3.81	610 RVT PC GI	**2C5112020**		0.50
						2.50	2.92	995 FV CR	**2C5112030**		0.75
								732 FV CR	**2C5112040**		1.00

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
NISSAN											
VQ35HR, VQ35DE, VQ40DE,	3498	6	2007-12	VQ35HR, VQ35DE DOHC 24V Altima, Maxima, Murano, 350Z Roadster	95.50	1.20	3.12	398 BF CR S	**2C5293**	6 Cyl.	STD
	3699		2009-14	VQ37VHR DOHC 370Z		1.20	3.81	610 RVT PC GI	**2C5293020**		0.50
	3954		2012-05	VQ40DE, DOHC Frontier, Pathfinder, Xterra		2.00	2.92	991 FV CR	**2C5293030**		0.75
								005 FV CR	**2C5293040**		1.00
, TB42, TB42E	4169	6	1987-On	TB42, TB42S Patrol Australian	96.00	2.00	3.71	032 BF PC GI	**4938**	6 Cyl.	STD
						2.00	4.22	126 RVT PC GI	**4938020**		0.50
						4.00	3.81	056 FV CR	**4938040**		1.00
								732 FV CR			
								327 BF PM GI	**2M4938**		STD
								126 RVT PC GI	**2M4938020**		0.50
								056 FV CR	**2M4938030**		0.75
								732 FV CR	**2M4938040**		1.00
									2M4938060		1.50
	4169	6	1987-On	TD42, Patrol Diesel Australian	96.00	2.50	4.19	363 BF CR GI	**2D4939**	6 Cyl.	STD
						2.00	4.22	126 RVT PC GI			
						4.00	4.14	553 CF CR GI			
								881 2PCO			
VK56, VK56DE	5552	8	2004-10	VK56, VK56DE, QX56 Vin: U DOHC Armada, Titan	98.00	1.50	3.45	032 BF PC GI	**5188**	8 Cyl.	STD
						1.50	4.01	126 RVT PC GI	**5188020**		0.50
						2.50	2.67	995 FV CR	**5188030**		0.75
								732 FV CR	**5188040**		1.00
								327 BF PM GI	**2M5188**		STD
								126 RVT PC GI	**2M5188020**		0.50
								995 FV CR	**2M5188030**		0.75
								732 FV CR	**2M5188040**		1.00
TB45DE, TB48DE		6		TB45DE, TB48DE gas engine	99.50	2.00	3.58	032 BF PC GI	**4532**	6 Cyl.	STD
						1.50	4.24	126 RVT PC GI	**4532020**		0.50
						4.00	3.94	056 FV CR	**4532040**		1.00
								732 FV CR			
								335 T PM DI	**2M4532**		STD
								126 RVT PC GI	**2M4532020**		0.50
								056 FV CR	**2M4532040**		1.00
								732 FV CR			
ED33	3298	4		ED33 Diesel	100.00	3.00	4.34	335 T PM DI	**2D4249**	4 Cyl.	STD
						2.00	4.37	126 RVT PC GI	**2D424950**		0.50
						4.50	4.14	553 CF CR GI			
								881 2PCO			
ED6, FD6	5654	6		ED6, FD6	100.00	3.00	4.34	335 T PM DI	**2M4267**	6 Cyl.	STD
						2.00	4.37	126 RVT PC GI	**2M4267020**		0.50
						4.50	4.62	860 FV CR			
								732 FV CR			
NORTON											
	745			745cc OHV Atlas, P11, P11A, N15CS, Commando	73.00	1.60	3.10	102 T PC GI	**7007**	2 Cyl.	STD
						1.60	3.12	102 T PC GI	**7007020**		0.50
						4.00	3.30	058 FV CR	**7007040**		1.00
								732 FV CR	**7007060**		1.50
NSU											
				NSU Prinz	75.00	2.00	3.45	102 T PC GI	**6708**	2 Cyl.	STD
						2.00	3.48	401 SCRP PC GI	**6708040**		1.00
						4.00	3.94	056 FV CR			
								732 FV CR			
								362 BF 3CR GI	**2C6708**		STD
								401 SCRP PC GI			
								056 FV CR			
								732 FV CR			
	598			598cc NSU Prinz 1V Sport, Prinz 1VL	76.00	2.00	3.45	362 BF 3CR GI	**2C4485**	2 Cyl.	STD
						2.00	3.48	401 SCRP PC GI	**2C4485010**		0.25
						4.00	3.94	056 FV CR	**2C4485020**		0.50
								732 FV CR			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
OLIVER-WHITE MOTORS											
		6		70HC, 70KD Engines Genuine Sleeve Kit S190 McQuay Norris SA182 Sealed Power SL 1810 Thompson Piston #L17733 White Mach. G218HCH	82.55	2.38	3.89	032 BF PC GI	**144**	6 Cyl.	STD
						2.25 4.00 4.00	3.91 4.39 3.91	126 RVT PC GI 860 FV CR 732 FV CR 501 1PCO PC GI	**144040** **144060**		1.00 1.50
								362 BF 3CR GI	**2C144**		STD
								126 RVT PC GI 860 FV CR 732 FV CR 501 1PCO PC GI			
		4		66 Gas & Diesel, 66HC; 166D Ind.	84.14	3.18	3.81	362 BF 3CR GI	**2D7781**	4 Cyl.	STD
						3.18 3.18 6.35	3.84 3.84 4.55	126 RVT PC GI 126 RVT PC GI 553 CF CR GI 881 2PCO			
		4		Super 55, 55HC; Super 66, 66HC; 550 Gas & * Diesel	88.90	3.18	3.96	362 BF 3CR GI	**2C5117**	4 Cyl.	STD
						3.18 3.18 4.75	3.66 3.66 1.27	126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR			
				GO130 Gas , Herc. OC4-3G	88.90	2.25	4.19	032 BF PC GI	**7105**	3 Cyl.	STD
						3.18 4.75 4.75	3.66 1.27 3.99	126 RVT PC GI 860 FV CR 732 FV CR 501 1PCO PC GI			
								362 BF 3CR GI	**2C7105**		STD
								126 RVT PC GI 860 FV CR 732 FV CR 501 1PCO PC GI			
		4		66D, 66HC, Ind. 166D Engines McQuay Norris Sleeve Kit #AS164	88.90	2.25	4.19	362 BF 3CR GI	**2C7503**	4 Cyl.	STD
						2.25 2.25 6.00	3.99 3.99 4.62	126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR			
		6		Super 77, 77KD Gas & Diesel	88.90	3.18	3.96	362 BF 3CR GI	**2D7670**	6 Cyl.	STD
				88, 88HC Diesel 770 Gas, LPG & Diesel 77, 77D, 77HC, Ind. 177D Engines M & W Sleeve Kit		3.18 3.18 4.75	3.66 3.66 4.24	126 RVT PC GI 126 RVT PC GI 553 CF CR GI 881 2PCO			
		4		Super 55, Super 66 Gas & Diesel; 66KD Dist.; * 166HC Ind.	88.90	3.18	3.96	362 BF 3CR GI	**2C7726**	4 Cyl.	STD
				66D, 66HC, Ind. 166D Engines Allied WSA192 Superior Piston A1084 White Mach. G226HCH, G226AHCH		3.18 3.18 6.00	3.66 3.66 4.62	126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
OLIVER-WHITE MOTORS											
		6		Super 77, 77HC, 77KD, Ind., Gas & Diesel	88.90	3.18	3.96	362 BF 3CR GI	**2C7779**	6 Cyl.	STD
				88, 88HC, Gas, LPG & Diesel		3.18	3.66	126 RVT PC GI			
				177HC Ind., 188D		3.18	3.66	126 RVT PC GI			
				77, 77D, 77HC, Ind. 177D Engines Allied WSA192 White Machine G226HCH, G226AHCH		6.00	4.62	860 FV CR			
								732 FV CR			
								362 BF 3CR GI	**2C7562**		STD
								126 RVT PC GI			
								126 RVT PC GI			
								860 FV CR			
								732 FV CR			
								362 BF 3CR GI	**2C7563**		STD
								126 RVT PC GI			
								126 RVT PC GI			
								860 FV CR			
								732 FV CR			
		4		66D, 66HC, Ind. 166D Engines Genuine Sleeve Kit	90.49	2.25	4.27	362 BF 3CR GI	**2C7586**	4 Cyl.	STD
						2.25	4.29	126 RVT PC GI			
						2.25	4.29	126 RVT PC GI			
						6.00	4.62	860 FV CR			
								732 FV CR			
		6		77, 77D, 77HC, Ind. 177D Engines Genuine Sleeve Kit	90.49	2.25	4.27	362 BF 3CR GI	**2D7587**	6 Cyl.	STD
						2.25	4.29	126 RVT PC GI			
						2.25	4.29	126 RVT PC GI			
						6.35	4.75	553 CF CR GI			
								881 2PCO			
		6		248 Gas 1600	92.08	2.38	4.06	032 BF PC GI	**563**	6 Cyl.	STD
						2.38	4.09	126 RVT PC GI	**563020**		0.50
						4.75	1.27	860 FV CR	**563030**		0.75
								732 FV CR			
								362 BF 3CR GI	**2C563**		STD
								126 RVT PC GI			
								860 FV CR			
								732 FV CR			
		4		155 Gas & Diesel 2-44	92.08	2.25	4.06	032 BF PC GI	**7581**	4 Cyl.	STD
				550 & 660 Gas & Diesel		2.25	4.09	126 RVT PC GI			
						2.25	4.09	126 RVT PC GI			
						4.75	4.62	860 FV CR			
								732 FV CR			
								362 BF 3CR GI	**2D7581**	4 Cyl.	STD
								126 RVT PC GI			
								126 RVT PC GI			
								553 CF CR GI			
								881 2PCO			
		6		232 Gas & Diesel 2-62; 1550 Gas, LPG Diesel	92.08	2.25	4.32	362 BF 3CR GI	**2D7899**	6 Cyl.	STD
						2.25	4.09	126 RVT PC GI			
						2.25	4.09	126 RVT PC GI			
						4.75	4.34	553 CF CR GI			
								881 2PCO			
		4		Super 55, 55D, 66, 66D, 66KD, 166HC Permite Sleeve Kit #CSA245	95.25	3.18	4.17	362 BF 3CR GI	**2D4611**	4 Cyl.	STD
						3.18	3.94	126 RVT PC GI			
						3.18	3.94	126 RVT PC GI			
						6.35	4.85	553 CF CR GI			
								881 2PCO			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
OLIVER-WHITE MOTORS											
		6		Super 88, 88KD, 880 Gas & Diesel, 1600 Diesel *	95.25	3.18	3.91	362 BF 3CR GI	**2D5028**	6 Cyl.	STD
				Super 77, 77D, 77HC, 77KD, 88D, 88HC, Ind. * 166HC, Ind., 188D White Mach. G225AHCH M & W Sleeve Kit SP123		3.18	3.94	126 RVT PC GI			
						3.18	3.94	126 RVT PC GI			
						4.75	4.45	553 CF CR GI			
								881 2PCO			
				OC4 Gas	95.25	2.25	4.47	363 BF CR GI	**2C6581**	1 Cyl.	STD
						3.18	3.94	126 RVT PC GI			
						4.75	1.27	860 FV CR			
						4.75	4.19	732 FV CR			
								501 1PCO PC GI			
		6		Super 77, Super 77D, 77KD, 88D, 88HC, 770, * 770D Engines McQuay Norris Kit #SA166, 202, 224, 227	95.25	2.25	4.47	363 BF CR GI	**2C7139**	6 Cyl.	STD
						2.25	4.50	126 RVT PC GI			
						2.25	4.50	126 RVT PC GI			
						6.00	4.88	860 FV CR			
								732 FV CR			
		6		265 Gas 2-78, 4-78	95.25	2.25	4.47	363 BF CR GI	**2C7178**	6 Cyl.	STD
				265 Gas 1650		2.25	4.50	126 RVT PC GI			
						4.75	1.27	860 FV CR			
								732 FV CR			
		4		Super 55, 55D, 66, 66D, 66KD, 166HC McQuay Norris Sleeve Kit #SA202, 224 Allied Sleeve Kit #WSA245	95.25	2.25	4.47	363 BF CR GI	**2C7191**	4 Cyl.	STD
				Super 55, 550 McQuay Norris Sleeve Kit #SP117		2.25	4.50	126 RVT PC GI			
				155HC, 166HC Engines McQuay Norris Sleeve Kit SA202, SA224		2.25	4.50	126 RVT PC GI			
						6.00	4.88	860 FV CR			
								732 FV CR			
		4		Super 55, 55D, 66, 66D, 66KD, 166HC Allied Sleeve Kit #WSA283, 288 Permite Sleeve Kit #CSA283, 288	95.25	3.18	4.17	362 BF 3CR GI	**2C7669**	4 Cyl.	STD
						3.18	3.94	126 RVT PC GI			
						3.18	3.94	126 RVT PC GI			
						4.75	1.27	860 FV CR			
								732 FV CR			
		6		1800 Gas	95.25	2.25	4.47	363 BF CR GI	**2C7702**	6 Cyl.	STD
						2.25	4.50	126 RVT PC GI			
						2.25	4.50	126 RVT PC GI			
						4.75	1.27	860 FV CR			
								732 FV CR			
		6		77KD Dist., Super 77 Gas & Diesel	95.25	3.18	4.17	362 BF 3CR GI	**2C7747**	6 Cyl.	STD
				Super 88 Gas & Diesel, 88 Diesel, 88HC, 88KD Dist. *		3.18	3.94	126 RVT PC GI			
				177HC Ind., 188D, 188HC Ind.		3.18	3.94	126 RVT PC GI			
				Super 77, 77D, 77HC, 77KD, 88D, 88HC, Ind. * 166HC, Ind., 188D M & W Gear SP18D Sealed Power SL1811 Thompson SA176		6.00	4.88	860 FV CR			
								732 FV CR			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
OLIVER-WHITE MOTORS											
		6		1750G Gas to S/N 147260	98.43	2.25	4.62	032 BF PC GI	**668**	6 Cyl.	STD
						2.25	3.99	126 RVT PC GI	**668010**		0.25
						4.75	4.88	860 FV CR	**668020**		0.50
								732 FV CR	**668030**		0.75
									668040		1.00
									668060		1.50
									668080		2.00
								362 BF 3CR GI	**2C668**		STD
								126 RVT PC GI	**2C668010**		0.25
								860 FV CR	**2C668020**		0.50
								732 FV CR	**2C668030**		0.75
									2C668040		1.00
									2C668060		1.50
									2C668080		2.00
								327 BF PM GI	**2M668**		STD
								126 RVT PC GI	**2M668010**		0.25
								860 FV CR	**2M668020**		0.50
								732 FV CR	**2M668030**		0.75
									2M668040		1.00
									2M668060		1.50
									2M668080		2.00
		6		Super 88 Diesel M & W Sleeve Assembly SP381D	98.43	2.25	4.62	032 BF PC GI	**7121**	6 Cyl.	STD
				1600 Gas M & W Sleeve Kit SP419 To Increase Bore from 3 1/2		2.25	3.99	126 RVT PC GI			
						2.25	3.99	126 RVT PC GI			
						4.75	4.88	860 FV CR			
						4.75	4.32	732 FV CR			
								501 1PCO PC GI			
								362 BF 3CR GI	**2D7121**		STD
								126 RVT PC GI			
								126 RVT PC GI			
								553 CF CR GI			
								881 2PCO			
								501 1PCO PC GI			
				2-105, 4-105 Diesel; 352 Diesel Perkins	98.43	2.25	3.96	362 BF 3CR GI	**2C7137**	6 Cyl.	STD
						2.25	3.99	126 RVT PC GI			
						2.25	3.99	126 RVT PC GI			
						6.35	2.21	501 1PCO PC GI			
						6.35	3.48	825 2PCO			
								501 1PCO PC GI			
		6		1750, 1755, 1800, 1850 Gas; 1650, 1800 Series * Diesel 3 Ring Piston	98.43	2.25	4.62	363 BF CR GI	**2C7179**	6 Cyl.	STD
						2.25	3.99	126 RVT PC GI			
						4.75	4.88	860 FV CR			
								732 FV CR			
		6		1855D, 1955	98.43	3.00	4.29	372 FKST CR DI	**2C7217**	6 Cyl.	STD
				1950T Diesel Turbo		2.25	3.99	126 RVT PC GI			
						4.75	4.88	860 FV CR			
								732 FV CR			
		6		283 Diesel 2-78, 4-78; 4-105 Gas	98.43	2.25	4.62	363 BF CR GI	**2D7703**	6 Cyl.	STD
				1650, 1800 Diesel, 1850 Gas		2.25	3.99	126 RVT PC GI			
						2.25	3.99	126 RVT PC GI			
						4.75	4.45	553 CF CR GI			
								881 2PCO			
		6		99D, 99HC, Super 99	101.60	3.18	4.39	363 BF CR GI	**2C4007**	6 Cyl.	STD
				199D Ind., 199HC Ind., 950 Gas & Diesel		3.18	4.11	126 RVT PC GI			
						3.18	4.11	126 RVT PC GI			
						4.75	4.88	860 FV CR			
								732 FV CR			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
OLIVER-WHITE MOTORS											
		4		80 HC	114.30	4.75	4.83	102 T PC GI	**4157**	4 Cyl.	STD
						4.75	4.85	102 T PC GI			
						4.75	4.85	401 SCRP PC GI			
						4.75	5.08	860 FV CR			
								732 FV CR			
								362 BF 3CR GI	**2C4157**	4 Cyl.	STD
								102 T PC GI			
								401 SCRP PC GI			
								860 FV CR			
								732 FV CR			
		4			73.60	1.50	2.82	363 BF 3CR GI	**2C4158**	4 Cyl.	STD
						1.50	3.10	102 T PC GI			
						2.80	2.67	401 SCRP PC GI			
								860 FV CR			
								732 FV CR			
				OTC, OTC44GN	69.85	2.25	2.69	126 RVT PC GI	**6008**	2 Cyl.	STD
						2.25	2.72	126 RVT PC GI	**6008010**		0.25
						4.75	3.81	871 FV CR	**6008020**		0.50
								732 FV CR	**6008030**		0.75
				VFA-W4, W2C, W2S, W3M, W3S	76.20	2.25	3.45	102 T PC GI	**5172**	2 Cyl.	STD
						2.25	3.48	102 T PC GI			
						3.18	3.48	102 T PC GI			
						4.75	2.21	501 1PCO PC GI			
								825 2PCO			
				B48G model 20 HP GA020/3707E	82.55	2.00	3.89	032 BF PC GI	**4398**	2 Cyl.	STD
						2.00	3.91	126 RVT PC GI	**4398010**		0.25
						4.75	1.27	860 FV CR			
								732 FV CR			
				CCK, CCKM, MF/471C	82.55	2.25	3.89	032 BF PC GI	**6261**	2 Cyl.	STD
						2.25	3.91	126 RVT PC GI	**6261020**		0.50
						4.75	1.27	860 FV CR	**6261040**		1.00
								732 FV CR			
				CCK, CCKA, CCKB, J60, JB, VB	82.55	2.25	3.89	032 BF PC GI	**7785**	1 Cyl.	STD
				J30, LK		2.25	3.91	126 RVT PC GI	**7785020**		0.50
				J120, JC, K120		4.75	1.27	860 FV CR	**7785030**		0.75
								732 FV CR	**7785040**		1.00
								362 BF 3CR GI	**2C7785**		STD
								126 RVT PC GI			
								860 FV CR			
								732 FV CR			
				NH, NHC	90.49	2.25	4.27	362 BF 3CR GI	**2C5360**	2 Cyl.	STD
						2.25	4.29	126 RVT PC GI			
						4.75	4.62	860 FV CR			
								732 FV CR			
				NHC Late Design	90.49	2.00	4.01	032 BF PC GI	**6962**	1 Cyl.	STD
						2.00	4.29	126 RVT PC GI	**6962010**		0.25
						4.75	4.62	860 FV CR	**6962020**		0.50
								732 FV CR			
OPEL											
	1248		2003-05	Turbo Diesel DOHC A13DTC, A13DTR, A13FD Y13DT, Z13DTH	69.60	2.00	3.05	205 BF CR DI	**2D7101**	1 Cyl.	STD
						1.50	3.07	206 TF PC DI	**2D710140**	1 Cyl.	0.40
						2.00	2.90	248 CF CR	**2D710160**	1 Cyl.	0.60
								881 2PCO			
	1196	4		Corsa 12NZ, C12NZ, X12SZ	72.00	1.50	3.38	363 BF CR GI	**2C5251**	4 Cyl.	STD
						1.50	3.40	126 RVT PC GI	**2C5251020**		0.50
						3.00	3.30	054 FV CR			
								732 FV CR			
Z12XE, X12XE	1199		1998-00	ASTRA, AGILA, CORSA	72.50	1.20	3.12	398 BF CR S	**2C5675**	1 Cyl.	STD
X10XE, Z10XE	973		1996-00	AGILA, CORSA		1.50	3.07	126 RVT PC GI	**2C567550**		0.50
						2.00	2.92	990 FV CR			
								732 FV CR			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
OPEL											
								322 BF GN SS	**2N5675**		STD
								126 RVT PC GI	**2N567525**		0.25
								990 FV CR	**2N567550**		0.50
								732 FV CR			
	1389	4	2006-On	Z1.4XEP Astra, Corsa, Meriva	73.40	1.20	2.92	398 BF CR S	**2C4162**	4 Cyl.	STD
						1.20	3.07	610 RVT PC GI	**2C4162020**		0.50
						2.00	2.79	993 FV CR			
								005 FV CR			
	1078	4		Kadett	75.00	1.75	3.45	032 BF PC GI	**4248**	4 Cyl.	STD
	1300			Ascona		2.00	3.48	401 SCRP PC GI	**4248020**		0.50
						4.00	3.94	056 FV CR			
								732 FV CR			
								362 BF 3CR GI	**2C4248**		STD
								401 SCRP PC GI	**2C4248020**		0.50
								056 FV CR	**2C4248030**		0.75
								732 FV CR	**2C4248040**		1.00
									2C4248060		1.50
	1300	4	1979-On	Ascona CD, GL, GLS, J, L, LS, N, SR; Berlina, S; Corsa, GT, TR; Berlinetta, Kadett, Manta, CC Special Caravan, Sprint C, Voyage w/3.00mm oil ring	75.00	1.50	2.95	032 BF PC GI	**5076**	4 Cyl.	STD
						1.50	3.23	401 SCRP PC GI	**5076010**		0.25
						3.00	3.18	054 FV CR	**5076020**		0.50
								732 FV CR	**5076030**		0.75
									5076040		1.00
								363 BF CR GI	**2C5076**		STD
								401 SCRP PC GI	**2C5076010**		0.25
								054 FV CR	**2C5076020**		0.50
								732 FV CR	**2C5076030**		0.75
									2C5076040		1.00
	1300	4	1979-On	Ascona CD, GL, GLS, J, L, LS, N, SR; Berlina, S; Corsa, GT, TR; Berlinetta, Kadett, Manta, CC Special Caravan, Sprint C, Voyage	75.00	1.50	2.95	032 BF PC GI	**7228**	4 Cyl.	STD
						1.50	3.23	401 SCRP PC GI	**7228020**		0.50
						4.00	3.94	056 FV CR	**7228030**		0.75
								732 FV CR	**7228040**		1.00
									7228060		1.50
								363 BF CR GI	**2D7228**	4 Cyl.	STD
								401 SCRP PC GI	**2D722850**		0.50
								553 CF CR GI	**2D722875**		0.75
								881 2PCO	**2D7228100**		1.00
									2D7228150		1.50
1.4 NV, 1.4 NVH, C 1.4 NZ, C 1.4 SE, C 1.4 SEL, X 1.4 XE, X 1.4 NZ, X 1.4 SZ	1200	4	1989-91	Astra, Corsa, Kadett, Vectra	77.60	1.50	3.30	032 BF PC GI	**4812**	4 Cyl.	STD
	1400		1988-On	Astra, Corsa, Kadett, Vectra		1.50	3.71	401 SCRP PC GI	**4812010**		0.25
						3.00	3.56	054 FV CR	**4812020**		0.50
								732 FV CR	**4812030**		0.75
									4812040		1.00
								362 BF 3CR GI	**2C4812**		STD
								401 SCRP PC GI	**2C4812010**		0.25
								054 FV CR	**2C4812020**		0.50
								732 FV CR	**2C4812030**		0.75
									2C4812040		1.00
Z 14 XE,	1389	4		Z14 XE Astra Corsa	77.60	1.20	3.33	398 BF CR S	**2C5218**	4 Cyl.	STD
						1.50	3.71	401 SCRP PC GI	**2C5218020**		0.50
						2.00	2.92	993 FV CR	**2C5218030**		0.75
								005 FV CR			
1.2 NV, 1.2 N, 1.2 S, E 1.2 GV	1200	4	1973-On	Ascona Kadette C	79.00	2.00	3.40	032 BF PC GI	**4413**	4 Cyl.	STD
						2.00	3.43	401 SCRP PC GI	**4413020**		0.50
						5.00	1.27	871 FV CR	**4413040**		1.00
								732 FV CR			
								362 BF 3CR GI	**2C4413**		STD
								401 SCRP PC GI	**2C4413020**		0.50
								871 FV CR	**2C4413040**		1.00
								732 FV CR			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
OPEL											
	1598	4	1997-On	16V Astra, Vectra w/2.0mm oil grv.	79.00	1.20	3.33	398 BF CR S	**2C4596**	4 Cyl.	STD
						1.50 2.00	3.43 2.92	126 RVT PC GI 993 FV CR 005 FV CR	**2C4596020**		0.50
XE, XEL, XE-4V	1598	4	1997-On	XE, XEL, XE-4V, Astra, Corsa, Vectra, Tigra w/2.5mm oil grv.	79.00	1.20	3.33	398 BF CR S	**2C4621**	4 Cyl.	STD
						1.50 2.50	3.43 2.92	126 RVT PC GI 995 FV CR 732 FV CR	**2C4621020** **2C4621040**		0.50 1.00
Z1.6XEP	1598	4		Z1.6XEP Meriva	79.00	1.20	2.92	398 BF CR S	**2C5828**	4 Cyl.	STD
						1.20 2.00	3.48 2.92	126 RVT PC GI 993 FV CR 005 FV CR	**2C5828020**		0.50
	1600	4		Diesel 7/84-on Kadett E; 4/82-on Ascona C, Kadett D	80.00	2.00	3.18	032 BF PC GI	**4709**	4 Cyl.	STD
						2.00 3.00	3.71 3.43	401 SCRP PC GI 054 FV CR 732 FV CR	**4709020**		0.50
								362 BF 3CR GI	**2D4709**		STD
								401 SCRP PC GI 204 CF CR DI 881 2PCO	**2D470950**		0.50
	2500	6	1937-53	Blitzwagen, Kapitan, Super Six	80.00	3.00	3.18	102 T PC GI	**5806**	6 Cyl.	STD
						3.00 4.75	3.20 3.81	401 SCRP PC GI 871 FV CR 732 FV CR			
F8Q	1870		1998-01	Diesel F8Q 600, 606, 676, 714, 730, 732	80.00	2.00	3.51	219 BF PM DI	**2M5860**	1 Cyl.	STD
						2.00 3.00	3.53 3.68	209 RVT PC DI 204 CF CR DI 881 2PCO			
	1796	4		X18XE1, Astra, Vectra	80.50	1.20	3.12	398 BF CR S	**2C5185**	4 Cyl.	STD
						1.20 2.00	3.15 2.92	610 RVT PC GI 993 FV CR 005 FV CR	**2C5185010** **2C5185S010** **2C5185020** **2C5185030** **2C5185040**		0.25 0.25 0.50 0.75 1.00
	1799	4	1997-On	Astra 180ie Ecotec	81.60	1.50	3.58	032 BF PC GI	**5200**	4 Cyl.	STD
						1.50 3.00	3.25 3.43	401 SCRP PC GI 054 FV CR 732 FV CR	**5200020** **5200040**		0.50 1.00
								363 BF CR GI	**2C5200**		STD
								401 SCRP PC GI 054 FV CR 732 FV CR	**2C5200020**		0.50
	1800			Calibra, Vectra	81.60	1.50	3.23	363 BF CR GI	**2C5269**	2 Cyl.	STD
	2400			Calibra, Vectra		1.50 3.00	3.25 2.67	401 SCRP PC GI 997 FV CR 732 FV CR			
Z 19 DTH, Z 19 DTJ		4	2004-10	1.9L Turbo Diesel CDTI Astra, Signum, Vectra, Zafira	82.00	2.00	3.53	205 BF CR DI	**2D7366**	1 Cyl.	STD
						2.00 2.00	3.68 2.87	214 RVL PC DI 248 CF CR 881 2PCO			
	1700	4		Astra, Kadett, Vectra	82.49	2.00	3.25	363 BF CR GI	**2C4821**	4 Cyl.	STD
						2.00 3.00	3.28 3.18	401 SCRP PC GI 054 FV CR 732 FV CR	**2C4821020**		0.50
	1500	4	1965-71	1500 Rekord B, C, L	82.50	2.00	3.25	032 BF PC GI	**6823**	4 Cyl.	STD
						2.00 5.00	3.78 1.27	401 SCRP PC GI 871 FV CR 732 FV CR			
								362 BF 3CR GI	**2C6823**		STD
								401 SCRP PC GI 871 FV CR 732 FV CR	**2C6823060**		1.50

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
OPEL											
	1995		1997-05	Diesel Turbo SOHC X 20 DTH, Y 20 DTH	84.00	1.75	3.66	205 BF CR DI	**2D7167**	1 Cyl.	STD
	2172		1997-08	Diesel Turbo SOHC X22DTH, Y22DTH, Y22DTR		1.75	3.68	218 TF PC DI			
						3.00	3.68	204 CF CR DI			
								881 2PCO			
	1896		1998-05	Diesel SOHC X20DTL, Y20DTL	84.00	2.00	3.66	205 BF CR DI	**2D7290**	1 Cyl.	STD
						1.75	3.68	218 TF PC DI			
						3.00	3.68	204 CF CR DI			
								881 2PCO			
	1995		2006-On	Turbo Diesel M9R	84.00	2.50	3.51	211 HKST CC DI	**2D7343**	1 Cyl.	STD
						2.00	3.43	210 SCRP TF PC DI	**2D734350**		0.50
						2.00	2.87	248 CF CR			
								881 2PCO			
X 2.0 DTH	1995		1997-05	Turbo Diesel SOHC X20DTH w/Keystone top grv.	84.00	2.50	3.66	241 FKST CC DI	**2D7376**	1 Cyl.	STD
						1.75	3.68	218 TF PC DI			
						3.00	3.68	204 CF CR DI			
								881 2PCO			
	1817	4	1976-80	Isuzu	84.07	2.00	3.99	032 BF PC GI	**9101**	4 Cyl.	STD
						2.00	4.01	401 SCRP PC GI	**9101010**		0.25
						4.00	4.24	056 FV CR	**9101020**		0.50
								732 FV CR	**9101030**		0.75
									9101040		1.00
									9101060		1.50
								362 BF 3CR GI	**2C9101**		STD
								401 SCRP PC GI	**2C9101010**		0.25
								056 FV CR	**2C9101020**		0.50
								732 FV CR	**2C9101030**		0.75
									2C9101040		1.00
									2C9101060		1.50
16 N, 16 S,	1600	4	1970	Ascona Manta	85.00	2.00	3.81	032 BF PC GI	**4415**	4 Cyl.	STD
						2.00	4.04	126 RVT PC GI	**4415020**		0.50
						5.00	4.11	871 FV CR	**4415030**		0.75
								732 FV CR	**4415060**		1.50
								362 BF 3CR GI	**2C4415**		STD
								126 RVT PC GI	**2C4415020**		0.50
								871 FV CR	**2C4415030**		0.75
								732 FV CR	**2C4415040**		1.00
	1600	4	1959-65	Car-A-Van 17, Olympia, Rekord P17	85.00	2.50	4.01	032 BF PC GI	**5993**	4 Cyl.	STD
						2.50	4.04	401 SCRP PC GI	**5993030**		0.75
						5.00	4.11	871 FV CR	**5993040**		1.00
								732 FV CR	**5993060**		1.50
								362 BF 3CR GI	**2C5993**		STD
								401 SCRP PC GI	**2C5993030**		0.75
								871 FV CR	**2C5993040**		1.00
								732 FV CR	**2C5993060**		1.50
	2600	6	1959-64	Blitz, Kapitan P, PL	85.00	2.50	4.01	032 BF PC GI	**5994**	6 Cyl.	STD
						2.50	4.04	401 SCRP PC GI	**5994030**		0.75
						5.00	4.11	871 FV CR	**5994040**		1.00
								732 FV CR	**5994060**		1.50
								362 BF 3CR GI	**2C5994**		STD
								401 SCRP PC GI	**2C5994030**		0.75
								871 FV CR	**2C5994040**		1.00
								732 FV CR	**2C5994060**		1.50
	2962	6		VL Commodore, Nissan , Australia, RD30E Turbo	86.00	1.50	3.86	376 BF CR DI	**2C4713**	6 Cyl.	STD
						1.50	3.78	435 SCRP PC GI	**2C4713010**		0.25
						4.00	3.43	058 FV CR	**2C4713020**		0.50
								732 FV CR	**2C4713030**		0.75
									2C4713040		1.00
	2000	4	1975-81	Diesel Rekord 2000	86.50	2.00	3.89	362 BF 3CR GI	**2C5591**	4 Cyl.	STD
						2.00	3.91	401 SCRP PC GI			
						4.00	4.11	056 FV CR			
								732 FV CR			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
OPEL											
25 H, 25 S, 25 CIH	2490	6	1972-On	Commodore B	87.00	2.00	3.61	032 BF PC GI	**4416**	6 Cyl.	STD
						2.00	3.94	126 RVT PC GI	**4416030**		0.75
						5.00	4.11	871 FV CR	**4416040**		1.00
								732 FV CR			
								362 BF 3CR GI	**2C4416**		STD
								126 RVT PC GI	**2C4416020**		0.50
								871 FV CR	**2C4416040**		1.00
								732 FV CR			
G9T.720	2188		2000-On	Turbo Diesel G9T 720, 722, 750	87.00	3.00	3.81	228 HKST PM DI	**2M7349**	1 Cyl.	STD
						1.75	3.84	209 RVT PC DI			
						2.50	3.33	204 CF CR DI			
								881 2PCO			
		4	1972-On	Rekord 2100D Diesel	88.00	2.00	3.61	362 BF 3CR GI	**2D4423**	4 Cyl.	STD
						2.00	3.63	032 BF PC GI			
						2.00	3.63	401 SCRP PC GI			
						5.00	4.24	553 CF CR GI			
								881 2PCO			
1.7 S/L, 1.7 S/L	1698	4	1965-On	Car-A-Van, Coupe, L, Rekord, 75 Din-PS	88.00	2.00	3.61	032 BF PC GI	**6837**	4 Cyl.	STD
						2.00	3.63	401 SCRP PC GI			
						5.00	1.27	871 FV CR			
								732 FV CR			
								362 BF 3CR GI	**2C6837**		STD
								401 SCRP PC GI			
								871 FV CR			
								732 FV CR			
	2600	6		Omega Senator	88.80	1.50	3.63	362 BF 3CR GI	**2C5283**	6 Cyl.	STD
						1.50	3.96	126 RVT PC GI			
						3.00	3.43	054 FV CR			
								732 FV CR			
G9U 630, 632, 720	2464		2003-06	Turbo Diesel CDTI G9U 630,632, 650	89.00	3.00	3.86	228 HKST PM DI	**2M7328**	1 Cyl.	STD
						1.75	3.89	218 TF PC DI			
						2.50	3.33	204 CF CR DI			
								881 2PCO			
	2784	6	1965-On	Admiral, Diplomat 2600E	92.00	2.00	4.32	032 BF PC GI	**5084**	6 Cyl.	STD
	2784		1965-On			2.00	4.09	401 SCRP PC GI	**5084020**		0.50
						5.00	4.62	860 FV CR			
								732 FV CR			
								362 BF 3CR GI	**2C5084**		STD
								401 SCRP PC GI	**2C5084020**		0.50
								860 FV CR	**2C5084040**		1.00
								732 FV CR			
25TDS (VM41B)	2500		1996-98	2.5L TDS Turbo Diesel Frontera	92.00	2.50	4.01	225 FKST CR DI	**2C7458**	1 Cyl.	STD
						2.00	4.04	210 SCRP TF PC DI			
						4.00	4.24	204 CF CR DI			
								881 2PCO			
	2499		1989-97	Diesel 4JA1 Chrome Sleeves use 7384 only	93.00	2.00	4.06	252 BF PC GI	**7384**	1 Cyl.	STD
						2.00	4.09	218 TF PC DI			
						4.00	4.19	200 CF PC GI			
								881 2PCO			
								217 BF CR DI	**2C7384**		STD
								218 TF PC DI			
								204 CF CR DI			
								881 2PCO			
	2799		1998-01	Turbo Diesel S9W 700, 702	94.40	3.00	4.06	225 FKST CR DI	**2C7353**	1 Cyl.	STD
						2.00	4.09	209 RVT PC DI			
						3.00	3.78	204 CF CR DI			
								881 2PCO			
	2799		1998-01	Turbo Diesel S9W 700, 702	94.40	2.50	4.06	233 FKST PM DI	**2M7450**	1 Cyl.	STD
						2.00	4.09	210 SCRP TF PC DI			
						2.50	3.33	204 CF CR DI			
								881 2PCO			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
OPEL											
		4		Rekord OHC	95.00	2.00	4.17	032 BF PC GI	**4246**	4 Cyl.	STD
						2.00	4.50	126 RVT PC GI	**4246040**		1.00
						4.00	4.11	056 FV CR			
								732 FV CR			
								362 BF 3CR GI	**2C4246**		STD
								126 RVT PC GI	**2C4246040**		1.00
								056 FV CR			
								732 FV CR			
	2197	4	1984-On	Monza, Rekord, Senator CD, GL, GLS	95.00	1.75	4.17	032 BF PC GI	**5161**	4 Cyl.	STD
						1.50	3.73	126 RVT PC GI	**5161020**		0.50
						3.50	3.56	058 FV CR			
								732 FV CR			
								362 BF 3CR GI	**2C5161**		STD
								126 RVT PC GI	**2C5161020**		0.50
								058 FV CR			
								732 FV CR			
PACKARD											
		6	1937-37	115C	87.31	3.18	4.11	032 BF PC GI	**492**	6 Cyl.	STD
						3.18	3.94	126 RVT PC GI			
						4.75	1.27	860 FV CR			
								732 FV CR			
		8	1940-53	All Nos. w/o Suffix "C"	88.90	2.25	4.19	032 BF PC GI	**4048**	8 Cyl.	STD
						3.18	4.22	126 RVT PC GI			
						4.75	1.27	860 FV CR			
								732 FV CR			
		8	1948-54	All Nos. with Suffix "C"	88.90	2.25	4.19	032 BF PC GI	**458**	8 Cyl.	STD
						2.25	4.22	126 RVT PC GI			
						4.75	1.27	860 FV CR			
								732 FV CR			
289 cu. in.		8	1957-58	All Models 57L, 58, 58L	90.49	2.00	4.01	032 BF PC GI	**630**	8 Cyl.	STD
359 cu. in.			1954	Packard, 5406, 5426, 5431 212 H.P.		2.00	4.29	126 RVT PC GI	**630060**		1.50
						4.75	4.62	860 FV CR			
								732 FV CR			
352 cu. in.		8	1955-56	5560, 5580, 5640, 5650, Clipper, Custom, Deluxe, Patrician, Super, 400	101.60	2.00	4.78	032 BF PC GI	**139**	8 Cyl.	STD
						2.00	4.80	126 RVT PC GI	**139010**		0.25
						4.75	4.88	860 FV CR	**139020**		0.50
								732 FV CR	**139030**		0.75
									139040		1.00
									139060		1.50
									139070		1.75
									139080		2.00
									139100		2.50
								362 BF 3CR GI	**2C139**		STD
								126 RVT PC GI	**2C139010**		0.25
								860 FV CR	**2C139020**		0.50
								732 FV CR	**2C139030**		0.75
									2C139040		1.00
									2C139060		1.50
									2C139070		1.75
									2C139080		2.00
								397 BF PM S	**2M139**		STD
								126 RVT PC GI	**2M139005**		0.13
								860 FV CR	**2M139010**		0.25
								732 FV CR	**2M139020**		0.50
									2M139030		0.75
									2M139040		1.00
									2M139060		1.50
									2M139070		1.75
									2M139080		2.00
									2M139100		2.50

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
PACKARD											
374 cu. in.		8	1956	5680, 5688, Patrician, 400 Carribean	104.78	2.00	4.93	032 BF PC GI	**661**	8 Cyl.	STD
						2.00	4.95	126 RVT PC GI	**661010**		0.25
						4.75	5.00	860 FV CR	**661020**		0.50
								732 FV CR	**661030**		0.75
									661040		1.00
									661060		1.50
								362 BF 3CR GI	**2C661**		STD
								126 RVT PC GI	**2C661040**		1.00
								860 FV CR			
								732 FV CR			
								327 BF PM GI	**2M661**		STD
								126 RVT PC GI	**2M661010**		0.25
								860 FV CR	**2M661020**		0.50
								732 FV CR	**2M661030**		0.75
									2M661040		1.00
									2M661060		1.50
PALMER											
345 cu. in.		8		304, Engs.	98.43	2.38	4.62	032 BF PC GI	**6302**	8 Cyl.	STD
						2.38	3.99	126 RVT PC GI	**6302010**		0.25
						4.75	4.88	860 FV CR	**6302020**		0.50
								732 FV CR	**6302030**		0.75
									6302040		1.00
									6302060		1.50
								362 BF 3CR GI	**2C6302**		STD
								126 RVT PC GI	**2C6302020**		0.50
								860 FV CR	**2C6302030**		0.75
								732 FV CR	**2C6302040**		1.00
									2C6302060		1.50
								345 T PM GI	**2M6302**		STD
								126 RVT PC GI	**2M6302030**		0.75
								860 FV CR	**2M6302040**		1.00
								732 FV CR	**2M6302060**		1.50
302 cu. in.		8			101.60	2.00	4.78	032 BF PC GI	**139**	8 Cyl.	STD
351 cu. in.			1968-85			2.00	4.80	126 RVT PC GI	**139010**		0.25
						4.75	4.88	860 FV CR	**139020**		0.50
								732 FV CR	**139030**		0.75
									139040		1.00
									139060		1.50
									139070		1.75
									139080		2.00
									139100		2.50
								362 BF 3CR GI	**2C139**		STD
								126 RVT PC GI	**2C139010**		0.25
								860 FV CR	**2C139020**		0.50
								732 FV CR	**2C139030**		0.75
									2C139040		1.00
									2C139060		1.50
									2C139070		1.75
									2C139080		2.00
								397 BF PM S	**2M139**		STD
								126 RVT PC GI	**2M139005**		0.13
								860 FV CR	**2M139010**		0.25
								732 FV CR	**2M139020**		0.50
									2M139030		0.75
									2M139040		1.00
									2M139060		1.50
									2M139070		1.75
									2M139080		2.00
									2M139100		2.50

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
PALMER											
302 cu. in.		8	1986-91		101.60	1.50	3.96	032 BF PC GI	**4346**	8 Cyl.	STD
						1.50	4.37	126 RVT PC GI	**4346020**		0.50
						4.00	3.48	635 FV CR	**4346030**		0.75
								732 FV CR	**4346040**		1.00
									4346060		1.50
								327 BF PM GI	**2M4346**		STD
								126 RVT PC GI	**2M4346010**		0.25
								635 FV CR	**2M4346020**		0.50
								732 FV CR	**2M4346030**		0.75
									2M4346040		1.00
									2M4346060		1.50
392 cu. in.		8			104.78	2.25	4.93	363 BF CR GI	**2C6094**	8 Cyl.	STD
404 cu. in.						2.25	4.95	126 RVT PC GI	**2C6094020**		0.50
						4.75	5.00	860 FV CR	**2C6094030**		0.75
								732 FV CR	**2C6094040**		1.00
									2C6094060		1.50
								327 BF PM GI	**2M6094**		STD
								126 RVT PC GI	**2M6094030**		0.75
								860 FV CR	**2M6094040**		1.00
								732 FV CR	**2M6094060**		1.50
401 cu. in.		8			105.79	2.00	4.95	032 BF PC GI	**672**	8 Cyl.	STD
						2.00	4.98	126 RVT PC GI	**672030**		0.75
						4.75	5.21	860 FV CR	**672040**		1.00
								732 FV CR			
								362 BF 3CR GI	**2C672**		STD
								126 RVT PC GI			
								860 FV CR			
								732 FV CR			
								327 BF PM GI	**2M672**		STD
								126 RVT PC GI	**2M672030**		0.75
								860 FV CR			
								732 FV CR			
549 cu. in.		8			114.30	2.25	5.36	032 BF PC GI	**6309**	8 Cyl.	STD
						2.25	4.85	126 RVT PC GI			
						4.75	5.08	860 FV CR			
								732 FV CR			
								363 BF CR GI	**2C6309**		STD
								126 RVT PC GI	**2C6309020**		0.50
								860 FV CR	**2C6309030**		0.75
								732 FV CR	**2C6309040**		1.00
									2C6309060		1.50
PERKINS											
				Phaser compressor	80.00	2.00	3.18	102 T PC GI	**5038**	1 Cyl.	STD
						2.00	3.71	401 SCRP PC GI	**5038020**		0.50
						4.00	3.30	058 FV CR	**5038030**		0.75
								732 FV CR			
	2200	4		4- Diesel	88.90	2.25	3.63	376 BF CR DI	**2D6159**	4 Cyl.	STD
						2.25	3.66	126 RVT PC GI	**2D615925**		0.25
						4.75	4.24	553 CF CR GI	**2D615950**		0.50
								881 2PCO	**2D615975**		0.75
									2D6159100		1.00
									2D6159150		1.50
		4		4-154	88.90	2.25	3.63	362 BF 3CR GI	**2D7165**	4 Cyl.	STD
						2.25	3.99	126 RVT PC GI			
						2.25	3.99	126 RVT PC GI			
						4.75	4.24	553 CF CR GI			
						4.75	3.99	881 2PCO			
								501 1PCO PC GI			
				3A.152D S/N 1935854-on For Late Piston Chrome Sleeves use 7140 only	91.44	2.25	3.84	103 T PC DI	**7140**	1 Cyl.	STD
				4A.203D S/N 2939036-on For Late Piston Chrome Sleeves use 7140 only		2.25	3.86	103 T PC DI			
				6.305D For Late Piston Chrome Sleeves use 7140 only		3.18	3.86	103 T PC DI			
						6.35	3.86	502 1PCO PC DI			
						6.35	3.86	502 1PCO PC DI			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
PERKINS											
		6		6.354 Chrome Sleeves use 7137 only	98.43	2.25	3.96	362 BF 3CR GI	**2C7137**	6 Cyl.	STD
						2.25	3.99	126 RVT PC GI			
						2.25	3.99	126 RVT PC GI			
						6.35	2.21	501 1PCO PC GI			
						6.35	3.48	825 2PCO			
								501 1PCO PC GI			
		4		G4-236, AG4-212 Gas Engs.	98.48	2.25	3.96	362 BF 3CR GI	**2C7243**	4 Cyl.	STD
						2.25	3.99	126 RVT PC GI			
						2.25	3.99	126 RVT PC GI			
						6.00	4.24	871 FV CR			
								732 FV CR			
		6			98.48	3.18	3.96	362 BF 3CR GI	**2D7245**	6 Cyl.	STD
						2.25	3.99	362 BF 3CR GI			
						2.25	3.99	126 RVT PC GI			
						6.35	4.60	553 CF CR GI			
						6.35	3.48	881 2PCO			
								501 1PCO PC GI			
				1004.4 4.0L Naturally Aspirated	100.00	2.50	4.34	362 BF 3CR GI	**2C7258**	1 Cyl.	STD
				1006.6 6.0L Naturally Aspirated		2.50	4.37	126 RVT PC GI			
						4.00	5.31	553 CF CR GI			
								881 2PCO			
PEUGEOT											
	954	4	1972-On	954cc XV3, 46PS, 8, 8:1 104/204	70.00	2.00	3.25	032 BF PC GI	**4373**	4 Cyl.	STD
			1983-On	205		2.00	3.28	401 SCRP PC GI	**4373040**		1.00
						4.00	4.11	055 FV CR			
								732 FV CR			
								362 BF 3CR GI	**2C4373**		STD
								401 SCRP PC GI	**2C4373020**		0.50
								055 FV CR			
								732 FV CR			
		4		205 Junior, 106XN, 20J, GL, XE, XL, XR	70.00	1.50	3.25	032 BF PC GI	**5013**	4 Cyl.	STD
						1.50	2.95	126 RVT PC GI	**5013016**		0.41
						3.00	3.30	054 FV CR	**5013024**		0.61
								732 FV CR	**5013040**		1.00
									5013060		1.50
								363 BF CR GI	**2C5013**		STD
								126 RVT PC GI	**2C5013016**		0.41
								054 FV CR	**2C5013024**		0.61
								732 FV CR	**2C5013032**		0.81
	1124	4	1983-On	104 Coupe ZS XW3/XW35, XW7	72.00	1.50	2.82	032 BF PC GI	**4486**	4 Cyl.	STD
						2.00	3.40	401 SCRP PC GI	**4486010**		0.25
						4.00	3.81	056 FV CR	**4486020**		0.50
								732 FV CR			
								362 BF 3CR GI	**2C4486**		STD
								401 SCRP PC GI	**2C4486010**		0.25
	1124		1983-On					056 FV CR	**2C4486020**		0.50
								732 FV CR			
	1124	4		106XN, XR, XT 205GL, GR, XL, XR 306XN	72.00	1.50	2.82	362 BF 3CR GI	**2C9356**	4 Cyl.	STD
						2.00	3.10	401 SCRP PC GI	**2C9356020**		0.50
						3.00	3.30	054 FV CR			
								732 FV CR			
	1398		2001-09	DT4TD, DV4TED4 Turbo Diesel	73.70	2.50	3.25	213 FKST CC DI	**2D7270**	1 Cyl.	STD
						1.95	3.28	209 RVT PC DI	**2D727025**		0.25
						2.50	3.33	248 CF CR	**2D727050**		0.50
								881 2PCO			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
PEUGEOT											
	1361	4	1993-On	TU3 JP 106, 206, 306, 307 Partner	75.00	1.50	2.95	032 BF PC GI	**5021**	4 Cyl.	STD
						1.50	3.23	401 SCRP PC GI			
						2.50	2.79	995 FV CR			
								732 FV CR			
								363 BF CR GI	**2C5021**		STD
								401 SCRP PC GI	**2C5021010**		0.25
								995 FV CR	**2C5021020**		0.50
								732 FV CR	**2C5021030**		0.75
									2C5021040		1.00
	1400	4		205 GTi, TU3	75.00	1.75	3.45	032 BF PC GI	**5068**	4 Cyl.	STD
						2.00	3.48	126 RVT PC GI	**5068020**		0.50
						3.00	3.18	054 FV CR			
								732 FV CR			
								362 BF 3CR GI	**2C5068**		STD
								126 RVT PC GI	**2C5068010**		0.25
								054 FV CR	**2C5068020**		0.50
								732 FV CR	**2C5068030**		0.75
									2C5068040		1.00
		4	1967-73	204 Diesel Moteur XLD	75.00	1.50	2.95	032 BF PC GI	**7228**	4 Cyl.	STD
						1.50	3.23	401 SCRP PC GI	**7228020**		0.50
						4.00	3.94	056 FV CR	**7228030**		0.75
								732 FV CR	**7228040**		1.00
									7228060		1.50
								363 BF CR GI	**2D7228**	4 Cyl.	STD
								401 SCRP PC GI	**2D722850**		0.50
								553 CF CR GI	**2D722875**		0.75
								881 2PCO	**2D7228100**		1.00
									2D7228150		1.50
			2004-On	1560CC ENG. Turbo Diesel DV6	75.00	3.00	2.97	213 FKST CC DI	**2D7254**	1 Cyl.	STD
						1.95	3.33	202 TTF PC DI			
						2.50	3.33	204 CF CR DI			
								881 2PCO			
		4		TU3J, TU3F2 106, 205, 206, 405	75.00	1.75	3.45	362 BF 3CR GI	**2C9372**	4 Cyl.	STD
						2.00	3.48	401 SCRP PC GI	**2C9372010**		0.25
						3.00	3.18	054 FV CR	**2C9372020**		0.50
								732 FV CR	**2C9372030**		0.75
									2D725450		0.50
	1288	4	1969-75	304, 304S, XL3S	76.00	1.75	3.45	102 T PC GI	**4330**	4 Cyl.	STD
						2.00	3.48	401 SCRP PC GI	**4330010**		0.25
						4.00	3.94	056 FV CR	**4330020**		0.50
								732 FV CR	**4330030**		0.75
									4330040		1.00
								362 BF 3CR GI	**2C4330**		STD
								401 SCRP PC GI	**2C4330010**		0.25
								056 FV CR	**2C4330020**		0.50
								732 FV CR	**2C4330040**		1.00
		4	1995-On	TUD5 Diesel	77.00	2.00	3.30	363 BF CR GI	**2D4981**	4 Cyl.	STD
						1.75	3.33	102 T PC GI	**2D498125**		0.25
						3.00	3.53	553 CF CR GI	**2D498150**		0.50
								881 2PCO	**2D4981100**		1.00
		4	1977-84	204GL, 204XK5, 304L, 304XL5, 304XL5S, 305GL, 305SR, LS, SLS, GR7CV-XL5, 8CV-XR5	78.00	1.75	3.68	032 BF PC GI	**6197**	4 Cyl.	STD
						2.00	3.71	401 SCRP PC GI	**6197010**		0.25
						4.00	4.50	860 FV CR			
								732 FV CR			
								362 BF 3CR GI	**2C6197**		STD
								401 SCRP PC GI	**2C6197010**		0.25
								860 FV CR	**2C6197020**		0.50
								732 FV CR			
		4	1973	204 Diesel, Moteur XL4D	78.00	1.75	3.68	362 BF 3CR GI	**2D7239**	4 Cyl.	STD
			1976-80	304 Diesel		2.00	3.71	401 SCRP PC GI			
						3.00	3.53	553 CF CR GI			
								881 2PCO			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
PEUGEOT											
	1587	4		TU5JP, 206, 306, 405	78.50	1.50	3.38	327 BF PM GI	**2M9365**	4 Cyl.	STD
						1.50	3.40	126 RVT PC GI	**2M9365010**		0.25
						3.00	3.30	054 FV CR	**2M9365020**		0.50
								732 FV CR			
	1587	4		TU5JP, 106, 206, 307 Berlingo, Partner, Xsara, C3, 110 Saxo	78.50	1.20	3.33	398 BF CR S	**2C9369**	4 Cyl.	STD
						1.50	3.40	126 RVT PC GI	**2C9369020**		0.50
						2.50	3.43	934 FV CR	**2C9369030**		0.75
								732 FV CR			
	1592	4	1983-86		80.60	1.75	3.58	032 BF PC GI	**4253**	4 Cyl.	STD
						2.00	3.61	401 SCRP PC GI	**4253020**		0.50
						4.00	4.11	056 FV CR			
								732 FV CR			
								363 BF CR GI	**2C4253**		STD
								401 SCRP PC GI	**2C4253020**		0.50
								056 FV CR			
								732 FV CR			
	1868	4	1993-On	Diesel, DW8, XUD SOHC Sural Berlingo, Dispatch, Jumpy, Xsra, Partner	82.20	2.00	3.89	362 BF 3CR GI	**2C5858**	4 Cyl.	STD
						2.00	3.91	126 RVT PC GI			
						3.00	3.30	054 FV CR			
								732 FV CR			
								205 BF CR DI	**2D5858**	1 Cyl.	STD
								210 SCRP TF PC DI	**2D585850**		0.50
								204 CF CR DI			
								881 2PCO			
	1581	4	1994-04	XU5JP, XU5JPZ	83.00	1.50	3.20	376 BF CR DI	**2C4651**	4 Cyl.	STD
	1762		1992-04	XU7JB, XU7KP, XU7JPZ, XU7JP4		1.50	3.25	126 RVT PC GI	**2C4651010**		0.25
	1905		1987-93	XU9J4		3.00	3.30	054 FV CR	**2C4651020**		0.50
								732 FV CR	**2C4651030**		0.75
									2C4651040		1.00
									2C4651060		1.50
	1905	4	1983-96	Diesel XUD9 1.9 Litre 205, 305, 306, 309, 405, J5, J9, Boxer, Expert, Partner	83.00	2.00	3.53	032 BF PC GI	**4865**	4 Cyl.	STD
						2.00	3.35	126 RVT PC GI	**4865020**		0.50
						3.00	3.30	054 FV CR			
								732 FV CR			
								362 BF 3CR GI	**2D4865**	4 Cyl.	STD
								126 RVT PC GI	**2D486550**		0.50
								204 CF CR DI			
								881 2PCO			
	1905	4		205 GTi, XU5J, XU51C, XU5CP	83.00	1.75	3.89	032 BF PC GI	**5046**	4 Cyl.	STD
				305 GT, GTX, XU5S		1.75	3.61	126 RVT PC GI			
	1905			405 XU51C, XU52C, XU92C		4.00	3.94	056 FV CR			
								732 FV CR			
								362 BF 3CR GI	**2C5046**		STD
								126 RVT PC GI			
								056 FV CR			
								732 FV CR			
B6B, BDZ, BZF	1580	4	1984-96	XU5J, XU5JA, XU5JM 180, 180A	83.00	1.50	3.20	376 BF CR DI	**2C5881**	4 Cyl.	STD
DZA, DCZ, DFZ, D6A, D6B, DKZ,			1985-97	XU9, XU9JA, XU9JAZ, XU9C, XU9S, XU9M, XU9J2, XU9J1, XU92C		1.50	3.25	126 RVT PC GI			
						4.00	3.43	58 FV CR			
								732 FV CR			
	1905		1988-04	Turbo Diesel XUD9A, XUD9SBD, XUD9SD, XUD9TE	83.00	3.50	3.61	224 FKST PM DI	**2M7157**	1 Cyl.	STD
						2.00	3.63	202 TTF PC DI			
						3.00	3.68	204 CF CR DI			
								881 2PCO			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
PEUGEOT											
	1905		1988-04	Diesel XUD9A, XUD9BSD, XUD9SD, XUD9TE	83.00	3.00	3.61	221 FKST CC DI	**2D7351**	1 Cyl.	STD
						2.00 3.00	3.63 3.68	202 TTF PC DI 204 CF CR DI 881 2PCO			
	1905		1982-98	Diesel XUD9	83.00	2.00	3.61	217 BF CR DI	**2C7372**	1 Cyl.	STD
						2.00 3.00	3.63 3.68	202 TTF PC DI 204 CF CR DI 881 2PCO			
	1618	4	1960-70	404, Berline Grand Tourism	84.00	2.00	3.43	032 BF PC GI	**6713**	4 Cyl.	STD
						2.00 4.50	3.45 4.24	401 SCRP PC GI 871 FV CR 732 FV CR	**6713020** **6713030**		0.50 0.75
								362 BF 3CR GI	**2C6713**		STD
								401 SCRP PC GI 871 FV CR 732 FV CR			
	1796	4	1969-71	504, MOT.XM, KF6	84.00	1.50	3.43	102 T PC GI	**9516**	4 Cyl.	STD
						2.00 4.00	3.45 4.24	401 SCRP PC GI 056 FV CR 732 FV CR	**9516010** **9516020** **9516030** **9516032** **9516040** **9516060**		0.25 0.50 0.75 0.81 1.00 1.50
								362 BF 3CR GI	**2C9516**		STD
								401 SCRP PC GI 056 FV CR 732 FV CR	**2C9516010** **2C9516020** **2C9516024** **2C9516030** **2C9516032** **2C9516040** **2C9516060** **2C9516063**		0.25 0.50 0.61 0.75 0.81 1.00 1.50 1.60
EW 10 J4, EW 10L3, EW 10L4	1998	4			85.00	1.20	3.33	398 BF CR S	**2C4106**	4 Cyl.	STD
						1.50 2.50	3.43 2.79	126 RVT PC GI 995 FV CR 732 FV CR	**2C410650**		1.25
	1997		2000-06	Turbo Diesel DW10 Break, Expert	85.00	3.50	3.71	213 FKST CC DI	**2D7176**	1 Cyl.	STD
	2179		2000-04	Turbo Diesel DW12 Boxer, Break, Coupe		2.00 3.00	3.73 3.94	210 SCRP TF PC DI 204 CF CR DI 881 2PCO	**2D717660**	1 Cyl.	0.60
	1998	4		405 SRi, STi, GTX, XU10 Motor Hunter	86.00	1.50	3.45	032 BF PC GI	**5065**	4 Cyl.	STD
	1998			605 SLi, SRi, SVi		1.75 3.00	3.45 3.30	126 RVT PC GI 054 FV CR 732 FV CR	**5065020**		0.50
								397 BF PM S	**2M5065**		STD
								126 RVT PC GI 054 FV CR 732 FV CR	**2M5065020** **2M5065030** **2M5065040** **2M5065060**		0.50 0.75 1.00 1.50
	1971	4	1971-89	504, 505, J5, J9 XN1, XN1A, XN1P, XN1T, XN2	88.00	1.50	3.61	032 BF PC GI	**4279**	4 Cyl.	STD
						2.00 4.00	3.96 4.24	126 RVT PC GI 056 FV CR 732 FV CR	**4279020**		0.50
								362 BF 3CR GI	**2C4279**		STD
								126 RVT PC GI 056 FV CR 732 FV CR	**2C4279010** **2C4279020** **2C4279040**		0.25 0.50 1.00

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
PEUGEOT											
	2664	6	1974-81	Z112 504, 604	88.00	1.50	3.61	032 BF PC GI	**4488**	6 Cyl.	STD
						2.00	3.63	401 SCRP PC GI	**4488030**		0.75
						4.00	4.24	056 FV CR			
								732 FV CR			
								362 BF 3CR GI	**2C4488**		STD
								401 SCRP PC GI	**2C4488030**		0.75
								056 FV CR			
								732 FV CR			
		4		404LD	88.00	2.00	4.14	032 BF PC GI	**6861**	4 Cyl.	STD
						2.00	3.96	126 RVT PC GI	**6861020**		0.50
						2.00	3.96	126 RVT PC GI			
						4.50	1.27	871 FV CR			
								732 FV CR			
								362 BF 3CR GI	**2C6861**		STD
								126 RVT PC GI	**2C6861020**		0.50
								126 RVT PC GI	**2C6861040**		1.00
								871 FV CR			
								732 FV CR			
	2112	4	1969-77	XDP90, 54PS, 22, 2:1, 404, 504	90.00	2.00	3.99	032 BF PC GI	**5486**	4 Cyl.	STD
						2.00	4.01	126 RVT PC GI			
						2.00	4.01	126 RVT PC GI			
						4.50	4.39	860 FV CR			
								732 FV CR			
								362 BF 3CR GI	**2D5486**	4 Cyl.	STD
								126 RVT PC GI	**2D548650**		0.50
								126 RVT PC GI			
								553 CF CR GI			
								881 2PCO			
	2500	4	1987-On	Diesel, J5	93.00	2.50	4.09	335 T PM DI	**2D9349**	4 Cyl.	STD
						2.00	4.11	126 RVT PC GI	**2D934950**		0.50
						4.00	4.14	553 CF CR GI	**2D934975**		0.75
								881 2PCO			
	2304	4	1978-81	Diesel 504, 505D w/o Turbo	94.00	2.00	4.11	362 BF 3CR GI	**2C5633**	4 Cyl.	STD
						2.00	4.14	126 RVT PC GI	**2C5633010**		0.25
						4.00	4.50	860 FV CR	**2C5633016**		0.41
								732 FV CR	**2C5633020**		0.50
									2C5633040		1.00
	2798		2000-04	Turbo Diesel 8140.23.3900	94.40	3.00	4.06	225 FKST CR DI	**2C7353**	1 Cyl.	STD
						2.00	4.09	209 RVT PC DI			
						3.00	3.78	204 CF CR DI			
								881 2PCO			
	2798		1999-02	Diesel 8140.63(F28D)	94.40	3.00	4.06	225 FKST CR DI	**2C7449**	1 Cyl.	STD
						2.00	4.09	210 SCRP TF PC DI			
						2.50	3.33	204 CF CR DI			
								881 2PCO			
	2798		2000-04	Turbo Diesel 8140.43N 8140.43S	94.40	2.50	4.06	233 FKST PM DI	**2M7450**	1 Cyl.	STD
						2.00	4.09	210 SCRP TF PC DI			
						2.50	3.33	204 CF CR DI			
								881 2PCO			
PIONEER-I.E.L.											
				DA, DB, DC	50.80	2.25	2.39	102 T PC GI	**350**	1 Cyl.	STD
				PB, PT		2.25	2.41	102 T PC GI			
PORSCHE											
	1300	4	1952-55	Sport 1300	80.00	3.00	3.18	102 T PC GI	**5755**	4 Cyl.	STD
	1500		1952-55	1500, 1500 Super		3.00	3.20	401 SCRP PC GI			
						5.00	3.20	501 1PCO PC GI			
	1582	4	1966-69	912	82.50	1.50	3.25	362 BF 3CR GI	**2C6801**	4 Cyl.	STD
			1965	SC		2.00	3.28	401 SCRP PC GI			
						4.00	3.94	056 FV CR			
								732 FV CR			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
PORSCHE											
	1984	4	1976-79	924 w/Mahle Piston	86.50	2.00	3.89	032 BF PC GI	**4466**	4 Cyl.	STD
						2.50	3.91	126 RVT PC GI	**4466020**		0.50
						5.00	4.11	871 FV CR	**4466040**		1.00
								732 FV CR	**4466060**		1.50
								362 BF 3CR GI	**2C4466**		STD
								126 RVT PC GI	**2C4466010**		0.25
								871 FV CR	**2C4466020**		0.50
								732 FV CR	**2C4466040**		1.00
									2C4466060		1.50
	1679	4	1971-73	914.7	90.00	2.00	3.99	362 BF 3CR GI	**2C6864**	4 Cyl.	STD
						2.00	4.01	401 SCRP PC GI			
						5.00	4.24	871 FV CR			
								732 FV CR			
	1795	4	1974-On	914	93.00	2.00	4.09	032 BF PC GI	**6119**	4 Cyl.	STD
						2.00	4.11	126 RVT PC GI	**6119020**		0.50
						4.00	3.94	056 FV CR			
								732 FV CR			
								362 BF 3CR GI	**2C6119**		STD
								126 RVT PC GI	**2C6119020**		0.50
								056 FV CR	**2C6119040**		1.00
								732 FV CR			
	3300	6	1977-On	930 Turbo w/Nicasil Cylinders	97.00	1.50	4.19	336 T PM DI	**2M4789**	6 Cyl.	STD
						1.50	4.22	126 RVT PC GI			
						3.50	3.56	058 FV CR			
								716 FV			
POWER PRODUCTS											
				AH47, AV47, V47	50.80	2.38	2.39	102 T PC GI	**350**	1 Cyl.	STD
				AH51, AH440, AH510, AV520, TECV1, V51 Go-Karts		2.38	2.41	102 T PC GI			
				AH48, AH52, AH58, AH480, AH520, TECV11 Late Piston	53.18	1.60	2.49	001 ST PC GI	**8411**	1 Cyl.	STD
				AH61 Go-Karts		1.60	2.51	001 ST PC GI			
				AH58, AV52, AV580, AV600, TECV11, V58 Late Piston Go-Karts							
RENAULT											
	956	4		956cc 44PS, 9, 25, 25:1 R5TL	65.00	1.75	3.05	102 T PC GI	**4369**	4 Cyl.	STD
						2.00	3.07	401 SCRP PC GI			
						3.50	3.43	054 FV CR			
								732 FV CR			
								362 BF 3CR GI	**2C4369**		STD
								401 SCRP PC GI			
								054 FV CR			
								732 FV CR			
	1149	4	2000-On	D4D, D4F Twingo, 16V w/1.2mmtop grv.	69.00	1.20	2.92	398 BF CR S	**2C4549**	4 Cyl.	STD
						1.50	2.74	126 RVT PC GI	**2C4549010**		0.25
						2.50	2.79	995 FV CR	**2C4549020**		0.50
								732 FV CR			
	1149	4	1998-On	D7F, Clio, Twingo	69.00	1.50	3.23	363 BF CR GI	**2C4995**	4 Cyl.	STD
						1.50	2.74	126 RVT PC GI	**2C4995010**		0.25
						2.50	2.79	995 FV CR	**2C4995020**		0.50
								732 FV CR	**2C4995040**		1.00
	1108	4	1962-On	R4, R5, R6L, R8, R9, R10, R11 Express	70.00	1.75	3.25	032 BF PC GI	**4652**	4 Cyl.	STD
						2.00	3.28	401 SCRP PC GI			
						3.50	3.81	055 FV CR			
								732 FV CR			
								362 BF 3CR GI	**2C4652**		STD
								401 SCRP PC GI			
								055 FV CR			
								732 FV CR			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
RENAULT											
					70.00	2.00	3.25	362 BF 3CR GI	**2C6779**	4 Cyl.	STD
						2.00	3.28	401 SCRP PC GI	**2C6779020**		0.50
						3.50	3.81	055 FV CR			
								732 FV CR			
	1289	4	1968-79	LeCar, R10, R12, R15, 1300 Series	73.00	1.75	3.40	032 BF PC GI	**6870**	4 Cyl.	STD
			1970	Staffette		2.00	3.43	401 SCRP PC GI			
			1969-71	Motor 810, R1192, 54PS, 8, 5:1, R10-1300, Staffette		4.00	4.11	056 FV CR			
				GTL 810 R5				732 FV CR			
								362 BF 3CR GI	**2C6870**		STD
								401 SCRP PC GI	**2C6870010**		0.25
								056 FV CR	**2C6870030**		0.75
								732 FV CR			
	1200	4		Twigo	74.00	1.50	3.20	032 BF PC GI	**4988**	4 Cyl.	STD
						1.75	3.23	401 SCRP PC GI	**4988020**		0.50
						3.00	3.18	054 FV CR	**4988040**		1.00
								732 FV CR			
								362 BF 3CR GI	**2C4988**		STD
								401 SCRP PC GI	**2C4988010**		0.25
								054 FV CR	**2C4988020**		0.50
								732 FV CR	**4467020**		0.50
									2C4988030		0.75
									2C4988040		1.00
	1171	4	1990-On	Clio, R/L/RN , 1.2 L, E5F, E7F 1989on Chamade R19, TS, GS, TES 1991on Clio, S, RT	75.80	1.50	3.25	032 BF PC GI	**4859**	4 Cyl.	STD
	1390			1.4 L, E6J, E7J		1.75	3.28	401 SCRP PC GI	**4859010**		0.25
						3.00	3.30	054 FV CR			
								732 FV CR			
								362 BF 3CR GI	**2C4859**		STD
								401 SCRP PC GI	**2C4859010**		0.25
								054 FV CR	**2C4859020**		0.50
								732 FV CR			
	1470	4	1965-71	Motor 697, 58, 5, PS, 8, 6:1, R16	76.00	2.00	3.20	102 T PC GI	**4266**	4 Cyl.	STD
						2.00	3.23	401 SCRP PC GI	**4266010**		0.25
						4.00	3.68	058 FV CR	**4266020**		0.50
								732 FV CR	**4266030**		0.75
									4266040		1.00
									4266060		1.50
								362 BF 3CR GI	**2C4266**		STD
								401 SCRP PC GI	**2C4266010**		0.25
								058 FV CR	**2C4266020**		0.50
								732 FV CR	**2C4266030**		0.75
									2C4266040		1.00
									2C4266060		1.50
	1397	4	1983-87	Alliance, R16	76.00	1.75	3.45	102 T PC GI	**4330**	4 Cyl.	STD
	1397		1980-83	LeCar, R16		2.00	3.48	401 SCRP PC GI	**4330010**		0.25
	1397			R16, 697 Motor		4.00	3.94	056 FV CR	**4330020**		0.50
								732 FV CR	**4330030**		0.75
									4330040		1.00
								362 BF 3CR GI	**2C4330**		STD
								401 SCRP PC GI	**2C4330010**		0.25
								056 FV CR	**2C4330020**		0.50
								732 FV CR	**2C4330040**		1.00
	1461		2001-08	SOHC Turbo Diesel K9K	76.00	2.00	3.30	212 TBF CC DI	**2D7296**	1 Cyl.	STD
						2.00	3.33	214 RVT PC DI	**2D729650**		0.50
						2.50	3.30	248 CF CR			
								881 2PCO			
	1564	4	1968-76	R15, R16, 1152, 1153; R16TS, 1151, 807 or 821 Fuego	77.00	1.75	3.66	032 BF PC GI	**6857**	4 Cyl.	STD
						2.00	3.38	435 SCRP PC GI			
						4.00	3.94	056 FV CR			
								732 FV CR			
								362 BF 3CR GI	**2C6857**		STD
								435 SCRP PC GI			
								056 FV CR			
								732 FV CR			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
RENAULT											
	1595	4	1983-On	R9D, R11D	78.00	2.00	3.35	362 BF 3CR GI	**2C4864**	4 Cyl.	STD
						2.00	3.38	401 SCRP PC GI			
						3.00	3.56	054 FV CR			
								732 FV CR			
	1647	4		841, R12, R15TL, 18i Fuego Turbo	79.00	1.75	3.15	362 BF 3CR GI	**2C4448**	4 Cyl.	STD
						2.00	3.78	126 RVT PC GI	**2C4448020**		0.50
						4.00	3.81	056 FV CR	**2C4448030**		0.75
								732 FV CR			
	1399	4		K7J Kangoo	79.50	1.50	3.15	362 BF 3CR GI	**2C4313**	4 Cyl.	STD
			1995-97	K7M, K7M-702, K7M-703 Clio, Megane, Scenic		1.50	3.43	126 RVT PC GI	**2C4313010**		0.25
						2.50	2.92	995 FV CR	**2C4313020**		0.50
								732 FV CR			
	1870	4		Clio, Eclair, 706, F8Q, F8QA R19 Diesel	80.00	2.00	3.18	032 BF PC GI	**4709**	4 Cyl.	STD
						2.00	3.71	401 SCRP PC GI	**4709020**		0.50
						3.00	3.43	054 FV CR			
								732 FV CR			
								362 BF 3CR GI	**2D4709**	4 Cyl.	STD
								401 SCRP PC GI	**2D470950**		0.50
								204 CF CR DI			
								881 2PCO			
	1870		1986-05	SOHC Diesel F8Q Clio, Kangoo, Megane w/2pc oil	80.00	2.00	3.51	219 BF PM DI	**2M5860**	1 Cyl.	STD
						2.00	3.53	209 RVT PC DI			
						3.00	3.68	204 CF CR DI			
								881 2PCO			
	1870		1997-03	SOHC Diesel VTCi F9Q 650, 710, 717, 718, 750 756, 758, 759, 800	80.00	2.50	3.51	220 TBF PM DI	**2M7332**	1 Cyl.	STD
						2.00	3.53	209 RVT PC DI	**2C4313030**		0.75
						3.00	3.68	204 CF CR DI			
								881 2PCO			
	1721	4	1985-89	F3N	81.00	1.75	3.58	032 BF PC GI	**4600**	4 Cyl.	STD
						2.00	3.61	126 RVT PC GI	**4600020**		0.50
						3.00	3.18	054 FV CR	**4600030**		0.75
								732 FV CR	**4600040**		1.00
									4600060		1.50
								362 BF 3CR GI	**2C4600**		STD
								126 RVT PC GI	**2C4600010**		0.25
								054 FV CR	**2C4600020**		0.50
								732 FV CR	**2C4600030**		0.75
									2C4600040		1.00
	1965	4	1992-95	F2R, F3R	82.00	1.75	3.86	032 BF PC GI	**4766**	4 Cyl.	STD
						2.00	3.89	126 RVT PC GI	**4766020**		0.50
						3.00	3.18	054 FV CR	**4766030**		0.75
								732 FV CR	**4766040**		1.00
								362 BF 3CR GI	**2C4766**		STD
								126 RVT PC GI	**2C4766020**		0.50
								054 FV CR	**2C4766030**		0.75
								732 FV CR	**2C4766040**		1.00
	1965	4	1987-89	F3R, GTA	82.00	1.75	3.73	362 BF 3CR GI	**2C7333**	4 Cyl.	STD
						2.00	3.89	401 SCRP PC GI			
						4.00	4.24	056 FV CR			
								732 FV CR			
	2000	4	2004-On	F4R Megan LA1L	82.70	1.20	3.33	398 BF CR S	**2C4909**	4 Cyl.	STD
						1.50	3.61	126 RVT PC GI	**2C4909020**		0.50
						2.00	3.30	934 FV CR	**2C4909030**		0.75
								935 FV CR	**2C4909040**		1.00
	1794	4		Clio, Laguna, FLH, RT, R19	82.70	1.50	3.58	032 BF PC GI	**4990**	4 Cyl.	STD
						1.75	3.91	401 SCRP PC GI	**4990020**		0.50
						3.00	3.18	054 FV CR			
								732 FV CR			
								362 BF 3CR GI	**2C4990**		STD
								401 SCRP PC GI	**2C4990010**		0.25
								054 FV CR	**2C4990020**		0.50
								732 FV CR	**2C4990030**		0.75
									2C4990040		1.00

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
RENAULT											
	1995		2005-On	Turbo Diesel M9R	84.00	2.50	3.51	211 HKST CC DI	**2D7343**	1 Cyl.	STD
						2.00	3.43	210 SCRP TF PC DI	**2D734350**		0.50
						2.00	2.87	248 CF CR			
								881 2PCO			
		4	1990-On	J8S Turbo Diesel, R18, R20, R21, R25, R30	86.00	2.25	3.84	372 FKST CR DI	**2D5043**	4 Cyl.	STD
						2.50	4.06	401 SCRP PC GI			
						3.00	3.68	204 CF CR DI			
								881 2PCO			
	2188		1993-01	Diesel DOHC G8T	87.00	2.50	3.81	220 TBF PM DI	**2M7298**	1 Cyl.	STD
						1.75	3.84	209 RVT PC DI			
						2.50	3.33	204 CF CR DI			
								881 2PCO			
	2188		2000-On	Turbo Diesel DOHC GT9 w/ Keystone top grv.	87.00	3.00	3.81	228 HKST PM DI	**2M7349**	1 Cyl.	STD
						1.75	3.84	209 RVT PC DI			
						2.50	3.33	204 CF CR DI			
								881 2PCO			
		4	1985-On	R18, R20, Fuego	88.00	1.75	4.14	032 BF PC GI	**4257**	4 Cyl.	STD
			1988-89	R18, R20, Medallion		2.00	3.96	126 RVT PC GI			
						4.00	4.24	056 FV CR			
								732 FV CR			
								327 BF PM GI	**2M4257**		STD
			1985-On					126 RVT PC GI	**2M4257010**		0.25
			1988-89					056 FV CR			
								732 FV CR			
XN 1 T	2664	6	1975-On	R25, 30TS, R30TX	88.00	1.50	3.61	362 BF 3CR GI	**2C4488**	6 Cyl.	STD
						2.00	3.63	401 SCRP PC GI	**2C4488030**		0.75
						4.00	4.24	056 FV CR			
								732 FV CR			
	2463		2000-On	DOHC Diesel G9U 630, 632, 650	89.00	3.00	3.86	228 HKST PM DI	**2M7328**	1 Cyl.	STD
						1.75	3.89	218 TF PC DI			
						2.50	3.33	204 CF CR DI			
								881 2PCO			
	2463		2000-06	DOHC Turbo Diesel G9U	89.00	2.50	3.86	230 TBF PM DI	**2M7423**	1 Cyl.	STD
						1.75	3.89	209 RVT PC DI			
						2.50	3.33	204 CF CR DI			
								881 2PCO			
		4		FB30 Diesel T28, T30, T35, P1000D, P8 Model 8140-B70, FB30	93.00	3.00	4.09	376 BF CR DI	**2D9384**	4 Cyl.	STD
						2.00	4.11	401 SCRP PC GI			
						4.00	4.19	200 CF PC GI			
								881 2PCO			
	2799		1998-01	Turbo Diesel 8140.23, 8140.43	94.40	3.00	4.06	225 FKST CR DI	**2C7353**	1 Cyl.	STD
						2.00	4.09	209 RVT PC DI			
						3.00	3.78	204 CF CR DI			
								881 2PCO			
	2798			Turbo Diesel 8140.63 Euro	94.40	3.00	4.06	225 FKST CR DI	**2C7449**	1 Cyl.	STD
						2.00	4.09	210 SCRP TF PC DI			
						2.50	3.33	204 CF CR DI			
								881 2PCO			
	2799		1998-01	Turbo Diesel S9W 700 S9W 702	94.40	2.50	4.06	233 FKST PM DI	**2M7450**	1 Cyl.	STD
						2.00	4.09	210 SCRP TF PC DI			
						2.50	3.33	204 CF CR DI			
								881 2PCO			
	1700		1967-81	Diesel D225, D325 R6	95.00	3.00	4.11	232 HKST CR DI	**2C7437**	1 Cyl.	STD
						3.00	4.14	206 TF PC DI			
						3.00	4.14	210 SCRP TF PC DI			
						5.00	4.70	204 CF CR DI			
								881 2PCO			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
REO											
				211E, 211F, 211G, 211H, 338E, 338F, 338G, 404E, 404F, 404G, 552, 556, 660G, 660H, 2230H, 2340H, 2840H, 2980H, 3200H, 4000J, LM551, WLJ18	50.80	2.25	2.39	102 T PC GI	**7894**	1 Cyl.	STD
						2.25	2.41	102 T PC GI			
						4.75	1.57	501 1PCO PC GI			
								826 2PCO			
		6	1943-51	19A, 19B, 19C, 19T, 20CHS, 21B, 21C, 21T, 21X, 419, 421, Reo Gold Crown, 245, GC245 or 288, GC288 Engs.	88.90	3.18	3.96	362 BF 3CR GI	**2D7670**	6 Cyl.	STD
						3.18	3.66	126 RVT PC GI			
						3.18	3.66	126 RVT PC GI			
						4.75	4.24	553 CF CR GI			
								881 2PCO			
RILEY											
		4	1957-64	One Point-Five, Mark III; 4 Sixty-Eight 1/2 Litre, Four Seventy Two	73.03	1.60	3.10	102 T PC GI	**5897**	4 Cyl.	STD
						1.60	3.12	102 T PC GI	**5897020**		0.50
						1.60	3.12	102 T PC GI	**5897030**		0.75
						4.00	3.30	058 FV CR	**5897040**		1.00
								732 FV CR	**5897060**		1.50
ROVER											
	1275	4	1991-2000	A SERIES 12 A2B 12 A2A, 12 A2L, A+ SERIES 12 A2D, 12 A2E, 12 H	70.62	1.50	2.95	32 BF PC GI	**4355**	4 Cyl.	STD
				MINI, MINI 1300, MAESTRO, MINI COOPER		1.50	2.97	126 RVT PC GI	**4355020**		0.50
						3.00	3.30	54 FV CR	**4355040**		1.00
								732 FV CR	**4355060**		1.50
	1120	4	1990-On	Metro, L, S	75.00	1.20	2.92	398 BF CR S	**2C4962**	4 Cyl.	STD
	1396		1990-On	Metro, GS, GTA, GTi, DOHC 214 GLi, Si, SL, SLi, DOHC 414 GLi, SL, SLi, DOHC		1.50	3.23	401 SCRP PC GI	**2C4962020**		0.50
						3.00	3.18	054 FV CR	**2C4962030**		0.75
								732 FV CR	**2C4962040**		1.00
	1800		1995-On	1.8L 216i	80.00	1.00	2.92	398 BF CR S	**2C4623**	2 Cyl.	STD
	2497		1995-On	2.5L 220i		1.20	3.20	610 RVT PC GI			
						2.00	2.67	993 FV CR			
								005 FV CR			
	1905		1991-95	Diesel XUD9A (47kW)	83.00	2.00	3.61	217 BF CR DI	**2C7372**	1 Cyl.	STD
						2.00	3.63	202 TTF PC DI			
						3.00	3.68	204 CF CR DI			
								881 2PCO			
	1951		1999-07	Diesel Turbo BMW M47 R	84.00	3.00	3.66	221 FKST CC DI	**2D7279**	1 Cyl.	STD
	2926		1999-07	Diesel Turbo BMW M57		2.00	3.43	406 N PC DI	**2D727925**		0.25
						3.00	2.84	203 CF GN SS			
								881 2PCO			
		4	1958-59	Land Rover Diesel	85.73	2.25	3.43	102 T PC GI	**5960**	4 Cyl.	STD
						2.25	3.45	102 T PC GI			
						2.25	3.45	102 T PC GI			
						4.75	1.27	871 FV CR			
						4.75	4.06	732 FV CR			
								501 1PCO PC GI			
	1978	4	1964-71	2000	85.73	1.75	4.04	032 BF PC GI	**6777**	4 Cyl.	STD
						1.75	4.06	401 SCRP PC GI			
						4.75	1.27	871 FV CR			
								732 FV CR			
								362 BF 3CR GI	**2C6777**		STD
								401 SCRP PC GI			
								871 FV CR			
								732 FV CR			
	4394	8	2006-09	Vin:5 Jaguar Engine	88.00	1.20	3.33	398 BF CR S	**2C4437**	8 Cyl.	STD
						1.50	3.63	126 RVT PC GI			
						2.00	2.79	993 FV CR			
								005 FV CR			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
ROVER											
	3528	8	1977-89	SD1 Range Rover	88.90	1.60	4.19	032 BF PC GI	**4289**	8 Cyl.	STD
						1.60	4.22	126 RVT PC GI	**4289020**		0.50
						4.75	1.27	860 FV CR	**4289030**		0.75
								732 FV CR			
								362 BF 3CR GI	**2C4289**		STD
								126 RVT PC GI	**2C4289020**		0.50
								860 FV CR	**2C4289030**		0.75
								732 FV CR			
	3500	8	1969-73	Model 3500SS	88.90	2.00	4.19	032 BF PC GI	**652**	8 Cyl.	STD
						2.00	4.22	126 RVT PC GI	**652030**		0.75
						4.75	1.27	860 FV CR	**652040**		1.00
								732 FV CR	**652060**		1.50
								363 BF CR GI	**2C652**		STD
								126 RVT PC GI	**2C652010**		0.25
								860 FV CR	**2C652020**		0.50
								732 FV CR	**2C652030**		0.75
									2C652040		1.00
								327 BF PM GI	**2M652**		STD
								126 RVT PC GI	**2M652030**		0.75
								860 FV CR	**2M652040**		1.00
								732 FV CR			
	2402		2007-On	Turbo Diesel 244DT (Duratorq)	89.90	2.00	3.91	205 BF CR DI	**2D7377**	1 Cyl.	STD
						2.00	3.94	234 SCRP TF PC DI	**2D737750**		0.50
						2.00	2.87	248 CF CR			
								881 2PCO			
		4	1984-On	12J Diesel 90, 110	90.50	2.00	3.66	363 BF CR GI	**2D4620**	4 Cyl.	STD
						2.00	3.68	126 RVT PC GI	**2D462050**		0.50
						4.00	3.94	553 CF CR GI	**2D4620100**		1.00
								881 2PCO	**2D4620150**		1.50
	2286	4	1958-73	Land Rover Series II 88, 109, Rover 80	90.50	1.75	4.01	032 BF PC GI	**5928**	4 Cyl.	STD
						1.75	4.04	126 RVT PC GI			
						4.75	1.27	871 FV CR			
								732 FV CR			
								362 BF 3CR GI	**2C5928**		STD
								126 RVT PC GI	**2C5928010**		0.25
								871 FV CR	**2C5928020**		0.50
								732 FV CR	**2C5928030**		0.75
									2C5928040		1.00
	2250	4	1962-64	Diesel	90.49	2.38	3.66	032 BF PC GI	**6786**	4 Cyl.	STD
						2.38	3.68	126 RVT PC GI	**6786040**		1.00
						2.38	3.68	126 RVT PC GI			
						4.75	4.62	860 FV CR			
						4.75	4.04	732 FV CR			
								501 1PCO PC GI			
								362 BF 3CR GI	**2D6786**		STD
								126 RVT PC GI	**2D678650**		0.50
								126 RVT PC GI	**2D678675**		0.75
								553 CF CR GI	**2D6786100**		1.00
								881 2PCO			
								501 1PCO PC GI			
	2250	4	1958-62	Land rover Series II 88, 109, rover 80	90.50	1.75	4.01	362 BF 3CR GI	**2C6834**	4 Cyl.	STD
						1.75	4.04	126 RVT PC GI	**2C6834020**		0.50
						4.75	4.62	860 FV CR	**2C6834030**		0.75
						4.75	4.04	732 FV CR	**2C6834040**		1.00
								501 1PCO PC GI			
	4398	8	2003-05	BMW M62 Alusil bore use 2C5296	92.00	1.50	3.45	363 BF CR GI	**2C5296**	8 Cyl.	STD
						1.50	4.09	401 SCRP PC GI			
						2.00	2.92	991 FV CR			
								005 FV CR			
								335 T PM DI	**2M5296**		STD
								126 RVT PC GI	**2M5296020**		0.50
								991 FV CR			
								005 FV CR			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
ROVER											
HR 492 HT	2392	4	1990-99	2.4L Diesel	92.00	2.50	4.01	225 FKST CR DI	**2C7458**	1 Cyl.	STD
492 4 SHIRG	2500	4	1982-86	2.5L 800, 825 D/SD		2.00	4.04	210 SCRP TF PC DI			
						4.00	4.24	204 CF CR DI			
								881 2PCO			
	3950	8	1989-95	Land Rover EFI, Vogue	94.00	1.50	4.11	032 BF PC GI	**4930**	8 Cyl.	STD
	4250		1993-95	Land Rover EFI, Vogue		1.50	3.84	126 RVT PC GI	**4930020**		0.50
						3.00	3.86	872 FV CR	**4930030**		0.75
								005 FV CR	**4930040**		1.00
								327 BF PM GI	**2M4930**		STD
								126 RVT PC GI	**2M4930020**		0.50
								872 FV CR	**2M4930030**		0.75
								005 FV CR	**2M4930040**		1.00
									2M4930060		1.50
	4000	8	1996-On	Land Rover V-8 50-D	94.00	1.20	3.53	398 BF CR S	**2C4998**	8 Cyl.	STD
	4600			Land Rover V-8 46D		1.50	3.84	126 RVT PC GI	**2C4998020**		0.50
						3.00	3.86	872 FV CR			
								005 FV CR			
SAAB											
Z 19 DTH, Z 19 DTJ	1910		2004-10	1.9L Turbo Diesel TiD 9-3	82.00	2.00	3.53	205 BF CR DI	**2D7366**	1 Cyl.	STD
						2.00	3.68	214 RVL PC DI			
						2.00	2.87	248 CF CR			
								881 2PCO			
	1998	4	2004-13	B207	86.00	1.20	3.33	398 BF CR S	**2C5130**	4 Cyl.	STD
						1.50	3.43	126 RVT PC GI	**2C5130020**		0.50
						2.50	3.05	995 FV CR	**2C5130030**		0.75
								732 FV CR	**2C5130040**		1.00
								322 BF GN SS	**2N513050**		STD
								435 SCRP PC GI			
								995 FV CR			
								732 FV CR			
		4		Model 99 3 Ring Hepolite Piston	87.00	2.00	3.61	032 BF PC GI	**5496**	4 Cyl.	STD
						2.50	3.94	126 RVT PC GI			
						4.00	4.11	056 FV CR			
								732 FV CR			
								362 BF 3CR GI	**2C5496**		STD
								126 RVT PC GI			
								056 FV CR			
								732 FV CR			
	1854	4	1970-73	Model 99 3 Ring Piston	87.00	1.75	4.11	032 BF PC GI	**5497**	4 Cyl.	STD
						2.00	3.94	126 RVT PC GI	**5497040**		1.00
						4.00	4.11	056 FV CR			
								732 FV CR			
	1998	4	2000-03	Model 9-3 B205 SE L4	90.00	1.50	3.63	335 T PM DI	**2M4197**	4 Cyl.	STD
	2290		2000-05	Model 9-5 B235 SAA Aero, Linear, Viggen		1.50	4.01	126 RVT PC GI			
						2.50	3.05	995 FV CR			
								732 FV CR			
121 cu. in.	1985	4	1972-85	, 99L, 900, 900EMS Turbo	90.00	1.75	3.99	032 BF PC GI	**5562**	4 Cyl.	STD
						2.00	4.01	401 SCRP PC GI			
						4.00	4.39	860 FV CR			
								732 FV CR			
								362 BF 3CR GI	**2C5562**		STD
								401 SCRP PC GI	**2C5562020**		0.50
								860 FV CR			
								732 FV CR			
	2100	4	1991-On	B212, 900, S	93.00	1.75	4.09	363 BF CR GI	**2C4997**	4 Cyl.	STD
						2.00	4.11	126 RVT PC GI			
						3.00	2.79	997 FV CR			
								732 FV CR			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
SCRIPPS											
30, 40, 60		4			82.55	3.18	3.89	032 BF PC GI	**5060**	4 Cyl.	STD
						3.18	3.78	126 RVT PC GI	**5060020**		0.50
						4.75	1.27	860 FV CR	**5060060**		1.50
								732 FV CR			
								362 BF 3CR GI	**2C5060**		STD
								126 RVT PC GI			
								860 FV CR			
								732 FV CR			
		4		F4HS, F4MD Series	95.25	3.18	4.17	362 BF 3CR GI	**2C7669**	4 Cyl.	STD
						3.18	3.94	126 RVT PC GI			
						3.18	3.94	126 RVT PC GI			
						4.75	1.27	860 FV CR			
								732 FV CR			
		6		6-145, 6-158, 6-339	101.60	2.50	4.78	363 BF CR GI	**2C4231**	6 Cyl.	STD
						3.18	4.11	126 RVT PC GI			
						4.75	4.88	860 FV CR			
						4.75	4.37	732 FV CR			
								501 1PCO PC GI			
								362 BF 3CR GI	**2C5213**		STD
								126 RVT PC GI	**2C5213040**		1.00
								860 FV CR			
								732 FV CR			
SEA BEE											
			1948-54	12 H.P.	60.33	2.25	2.59	022 ST PC GI	**245**	1 Cyl.	STD
			1952	12 H.P., 45-070		2.25	2.62	022 ST PC GI			
			1960-63	12 H.P.		2.25	2.62	022 ST PC GI			
			1948-55	15 H.P.							
SEAT											
	1193	4	1984-On	Ibiza, Malage, Ronda	75.00	1.50	2.95	032 BF PC GI	**4714**	4 Cyl.	STD
						1.75	3.23	401 SCRP PC GI	**4714010**		0.25
						4.00	3.94	056 FV CR	**4714020**		0.50
								732 FV CR	**4714030**		0.75
									4714040		1.00
								363 BF CR GI	**2C4714**		STD
								401 SCRP PC GI	**2C4714020**		0.50
								056 FV CR			
								732 FV CR			
CAVA, CAVE, CAVF, CNWB, CTHA, CTHE	1390	4	2009-12	ALHAMBRA, IBIZA,	76.50	1.20	3.33	398 BF CR S	**2C5391**	4 Cyl.	STD
						1.50	3.48	126 RVT PC GI	**2C5391020**		0.50
						2.00	2.92	993 FV CR			
								005 FV CR			
CAXA, CAXC	1390	4	2008-13	TFSI TURBO	76.50	1.20	3.33	398 BF CR S	**2C5438**	4 Cyl.	STD
BCA, BKY, BXW, CGGB			1999-10	16V		1.20	3.48	610 RVL PC GI	**2C543850**		0.50
						2.00		993 FV CR			
								5 FV CR			
							2.92	322 BF GN SS	**2N5438**		STD
								610 RVL PC GI	**2N543825**		0.25
								993 FV CR	**2N543850**		0.50
								5 FV CR			
1Y, AAZ, AEF	1896		1991-03	DIESEL ENGINE, CORODOBA, IBIZA, INCA, PONY, TOLEDO	79.50	1.75	3.38	376 BF CR DI	**2C5212**	1 Cyl.	STD
						2.00	3.53	209 RVL PC DI	**2C521225**		0.25
						3.00	3.68	204 CF CR DI	**2C521250**		0.50
								881 2PCO	**2C5212100**		1.00
			1991-03	1896CC Diesel 1Y, AAZ, AEF Cordoba, Ibiza, Toledo	79.50	1.75	3.38	205 BF CR DI	**2D5854**	1 Cyl.	STD
						2.00	3.53	210 SCRP TF PC DI	**2D585425**		0.25
						3.00	3.68	204 CF CR DI	**2D585450**		0.50
								881 2PCO	**2D5854100**		1.00
	1968		2012-on	DIESEL TDI CKFB, CKFC, CRVA, CRVC, CUNA, CUPA,OCTAVIA LEON	81.00	1.75	3.56	363 BF CR GI	**2C7487**	1 Cyl.	STD
						2.00	3.56	126 RVT PC GI			
						2.00	2.87	203 CF GN SS			
								881 2PCO			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
SEAT											
CDAA, CDHA, CDHB CJSA, CJSB	1798	4	2005-15	TSI	82.50	4.75	3.12	398 BF CR S	**2C5385**	4 Cyl.	STD
CCZA, CCZB, CJXE, DEDA	1984		2005-15	TSI		4.75 8.00	3.48 2.67	610 RVT PC GI 993 FV CR S 005 FV CR			
	1461	4	1985-On	Ibiza, Malage, Ronda 021-A-2000, Porsche	83.00	1.50	3.20	032 BF PC GI	**4614**	4 Cyl.	STD
						1.75 4.00	3.61 3.43	126 RVT PC GI 058 FV CR 732 FV CR			
								362 BF 3CR GI	**2C4614**		STD
								126 RVT PC GI 058 FV CR 732 FV CR	**2C4614008** **2C4614016**		0.20 0.41
SIMCA											
	1294	4	1971-76	2R, Rallye 1-2, GLS1307, GT1308, Speciale Timatrasso , Bagheera Mot. 366 Mot. 954 T, GS Speciale, 7cv 1000	76.70	1.75	3.30	032 BF PC GI	**4470**	4 Cyl.	STD
						2.00 4.00	3.33 4.39	401 SCRP PC GI 860 FV CR 732 FV CR	**4470010** **4470020** **4470030** **4470040** **4470060**		0.25 0.50 0.75 1.00 1.50
								362 BF 3CR GI	**2C4470**		STD
								401 SCRP PC GI 860 FV CR 732 FV CR	**2C4470010** **2C4470016** **2C4470020** **2C4470030** **2C4470040**		0.25 0.41 0.50 0.75 1.00
SKODA											
	1200	4		AUTO	71.90	1.20	2.92	398 BF CR S	**2C5637**	4 Cyl.	STD
						1.50 2.50	3.18 2.92	435 SCRP PC GI 989 FV CR 732 FV CR			
		4	1967-81	S110-1100MB, S120	72.00	2.00	3.07	362 BF 3CR GI	**2C4424**	4 Cyl.	STD
						2.00 4.00	3.40 3.30	401 SCRP PC GI 058 FV CR 732 FV CR	**2C4424030**		0.75
	1300	4		1986-on Favorit 1992-on 135/L136 Forman, pickup	75.50	1.50	2.95	032 BF PC GI	**4863**	4 Cyl.	STD
						1.50 3.00	3.12 3.94	126 RVT PC GI 872 FV CR 732 FV CR	**4863020** **4863030** **4863040**		0.50 0.75 1.00
								363 BF CR GI	**2C4863**		STD
								126 RVT PC GI 872 FV CR 732 FV CR	**2C4863010** **2C4863020** **2C4863030** **2C4863040** **2C4863060**		0.25 0.50 0.75 1.00 1.50
	1397	4	2010-on	CAVE, CTHE TURBO/ SUPER CHARGED FABIA	76.50	1.20	3.33	398 BF CR S	**2C5391**	4 Cyl.	STD
						1.50 2.00	3.48 2.92	126 RVT PC GI 993 FV CR 5 FV CR	**2C5391020**		0.50
CAXA, CAXC	1390	4	2008-13	Octavia, Rapid, Superb, Yeti 1.4L	76.50	1.20	3.33	398 BF CR S	**2C5438**	4 Cyl.	STD
BLF	1598		2004-08	Octavia		1.20 2.00	3.48 2.92	610 RVL PC GI 993 FV CR 5 FV CR	**2C543850**		0.50
								322 BF GN SS	**2N5438**		STD
								610 RVL PC GI 993 FV CR 5 FV CR	**2N543825** **2N543850**		0.25 0.50
	2496		2001-08	Turbo Diesel AYM, BDG	78.30	1.75	3.40	205 BF CR DI	**2D7284**	1 Cyl.	STD
						2.00 3.00	3.43 3.68	214 RVT PC DI 204 CF CR DI 881 2PCO			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
SKODA											
AEF	1896		1995-02	DIESEL ENGINE FELICIA	79.50	1.75	3.38	376 BF CR DI	**2C5212**	1 Cyl.	STD
						2.00	3.53	209 RVL PC DI	**2C521225**		0.25
						3.00	3.68	204 CF CR DI	**2C521250**		0.50
								881 2PCO	**2C5212100**		1.00
	1896		1995-01	Diesel AEF Felicia	79.50	1.75	3.38	205 BF CR DI	**2D5854**	1 Cyl.	STD
						2.00	3.53	210 SCRP TF PC DI	**2D585425**		0.25
						3.00	3.68	204 CF CR DI	**2D585450**		0.50
								881 2PCO	**2D5854100**		1.00
	1968		2012-on	DIESEL TDI , CKFB, CKFC, CUPA, OCTAVIA	81.00	1.75	3.56	363 BF CR GI	**2C7487**	1 Cyl.	STD
						2.00	3.56	126 RVT PC GI			
						2.00	2.87	203 CF GN SS			
								881 2PCO			
	1968		2004-09	Turbo Diesel AZV, BKD, BMM, BMN, BMP, BSS	81.00	1.75	3.56	205 BF CR DI	**2D7282**	1 Cyl.	STD
						2.00	3.56	126 RVT PC GI	**2D728250**		0.50
						3.00	3.68	204 CF CR DI			
								881 2PCO			
CDAA, CDAB, CJSA, CJSB, CJSC	1798	4	2005-15	TSI	82.50	4.75	3.12	398 BF CR S	**2C5385**	4 Cyl.	STD
CCZA, CHHA, CHHB,	1984		2005-15	TSI		4.75	3.48	610 RVT PC GI			
						8.00	2.67	993 FV CR S			
								005 FV CR			
SMART											
M 160 E6AL B03, M 160 E6AL B04, M 160 E6AL B05	599		1998-04	Cabrio, City-Coupe 0.6L	63.50	1.00	1.00	398 BF CR S	**2C7432**	4 Cyl.	STD
						1.00	1.50	126 RVT PC GI	**2C743225**		0.25
						1.00	2.50	995 FV CR	**2C743250**		0.50
								732 FV CR			
M 160.910, M 160.922, M 160.923, M160.921	698		2003-07	Cabrio, City-Coupe	66.50	1.20	1.20	322 BF GN SS	**2N7434**	3 Cyl.	STD
						1.20	1.20	264 TF GN SS	**2N743425**		0.25
						2.50	2.50	987 FV GN SS	**2N743450**		0.50
								714 GN SS			
SSANGYONG											
				1998CC 16v DOHC D20DT Diesel	86.20	2.50	3.51	227 FKST CR DI	**2C7498**	1 Cyl.	STD
						2.00	3.53	202 TTF PC DI			
						3.00	3.33	204 CF CR DI			
								881 2PCO			
OM601.940	2299		1995-On	Diesel	89.00	2.50	3.86	244 TBF CR DI	**2C7292**	1 Cyl.	STD
OM662	2874		1996-On	Turbo Diesel		2.00	3.89	229 TTF PC DI			
						3.00	3.68	204 CF CR DI			
								881 2PCO			
M 111.970, M 111.974, M 161.970, M 161.974	2295	4	1997-2010	Chairman, Korando, Musso, Actyon, Kyron 2.3L	90.90	1.50	3.40	326 TBF GN SS	**2N7442**	4 Cyl.	STD
						1.75	3.63	435 SCRP PC GI	**2N744225**		0.25
						3.00	3.07	203 CF GN SS	**2N744250**		0.50
								881 2PCO			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
STERLING											
	2494	6	1986-89	C25A1	84.00	1.20	3.33	398 BF CR S	**2C4644**	6 Cyl.	STD
						1.20	3.33	126 RVT PC GI	**2C4644020**		0.50
						4.00	3.43	058 FV CR	**2C4644030**		0.75
								732 FV CR	**2C4644040**		1.00
	2675	6	1988-97	C27A1	87.00	1.20	3.33	398 BF CR S	**2C4645**	6 Cyl.	STD
						1.20	3.35	610 RVT PC GI	**2C4645020**		0.50
						4.00	3.43	058 FV CR	**2C4645030**		0.75
								732 FV CR	**2C4645040**		1.00
STUDEBAKER											
245 cu. in.		6	1939-50	226 & Engs.	84.14	2.25	3.99	032 BF PC GI	**473**	6 Cyl.	STD
246 cu. in.			1939-63	226, Engs. 14A, 15A, 16A, 17A, Land Cruiser, Commander 9A, 10A, 11A, 12A, #81539-on		2.25	4.01	126 RVT PC GI	**473030**		0.75
						4.75	1.27	860 FV CR			
								732 FV CR			
		8	1951-54	3R28, 3R28B, 3R38, 3R38B, VT Engs.	85.73	2.00	4.04	032 BF PC GI	**474**	8 Cyl.	STD
233 cu. in.			1954	Models H, 3H, 4H, Commander 5H		2.00	4.06	126 RVT PC GI			
						4.75	1.27	860 FV CR			
								732 FV CR			
289 cu. in.		8	1955-64	224, 259, Engs.	90.49	2.00	4.01	032 BF PC GI	**630**	8 Cyl.	STD
289 cu. in.			1955-64	224, 259, Engs. Avanti 63R, Exc. 1956 Golden Hawk		2.00	4.29	126 RVT PC GI	**630060**		1.50
						4.75	4.62	860 FV CR			
								732 FV CR			
STUDEBAKER & LARK											
194 cu. in.		6	1965-66		90.49	2.00	4.01	032 BF PC GI	**666**	6 Cyl.	STD
						2.00	4.29	126 RVT PC GI	**666020**		0.50
						4.75	4.62	860 FV CR	**666060**		1.50
								732 FV CR			
								362 BF 3CR GI	**2C666**		STD
								126 RVT PC GI	**2C666060**		1.50
								860 FV CR			
								732 FV CR			
								327 BF PM GI	**2M666**		STD
								126 RVT PC GI	**2M666060**		1.50
								860 FV CR			
								732 FV CR			
283 cu. in.		8	1965-66		98.43	2.00	4.62	032 BF PC GI	**660**	8 Cyl.	STD
						2.00	4.65	126 RVT PC GI	**660010**		0.25
						4.75	4.88	860 FV CR	**660020**		0.50
								732 FV CR	**660030**		0.75
									660040		1.00
									660060		1.50
									660080		2.00
								363 BF CR GI	**2C660**		STD
								126 RVT PC GI	**2C660010**		0.25
								860 FV CR	**2C660020**		0.50
								732 FV CR	**2C660030**		0.75
									2C660040		1.00
									2C660060		1.50
									2C660080		2.00
								327 BF PM GI	**2M660**		STD
								126 RVT PC GI	**2M660010**		0.25
								860 FV CR	**2M660020**		0.50
								732 FV CR	**2M660030**		0.75
									2M660040		1.00
									2M660060		1.50
									2M660080		2.00

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
STUDEBAKER & LARK											
230 cu. in.		6	1966		98.43	2.00	4.62	032 BF PC GI	**667**	6 Cyl.	STD
						2.00	4.65	126 RVT PC GI	**667010**		0.25
						4.75	4.88	860 FV CR	**667020**		0.50
								732 FV CR	**667030**		0.75
									667040		1.00
									667060		1.50
									667080		2.00
								362 BF 3CR GI	**2C667**		STD
								126 RVT PC GI	**2C667010**		0.25
								860 FV CR	**2C667020**		0.50
								732 FV CR	**2C667030**		0.75
									2C667040		1.00
									2C667060		1.50
									2C667080		2.00
								327 BF PM GI	**2M667**		STD
								126 RVT PC GI	**2M667010**		0.25
								860 FV CR	**2M667020**		0.50
								732 FV CR	**2M667030**		0.75
									2M667040		1.00
									2M667060		1.50
									2M667080		2.00
352 cu. in.		8	1956	Golden Hawk 56J	101.60	2.00	4.78	032 BF PC GI	**139**	8 Cyl.	STD
						2.00	4.80	126 RVT PC GI	**139010**		0.25
						4.75	4.88	860 FV CR	**139020**		0.50
								732 FV CR	**139030**		0.75
									139040		1.00
									139060		1.50
									139070		1.75
									139080		2.00
									1390100		2.50
								362 BF 3CR GI	**2C139**		STD
								126 RVT PC GI	**2C139010**		0.25
								860 FV CR	**2C139020**		0.50
								732 FV CR	**2C139030**		0.75
									2C139040		1.00
									2C139060		1.50
									2C139070		1.75
									2C139080		2.00
								397 BF PM S	**2M139**		STD
								126 RVT PC GI	**2M139005**		0.13
								860 FV CR	**2M139010**		0.25
								732 FV CR	**2M139020**		0.50
									2M139030		0.75
									2M139040		1.00
									2M139060		1.50
									2M139070		1.75
									2M139080		2.00
									2M139100		2.50
SUBARU											
	1248		2003-On	TDi Diesel Z13DT	69.60	2.00	3.05	205 BF CR DI	**2D7101**	1 Cyl.	STD
						1.50	3.07	206 TF PC DI	**2D710140**	1 Cyl.	0.40
						2.00	2.90	248 CF CR	**2D710160**	1 Cyl.	0.60
								881 2PCO			
	997	4	1967-69	997cc A12	72.00	2.00	3.38	362 BF 3CR GI	**2C6752**	4 Cyl.	STD
						2.00	3.40	401 SCRP PC GI			
						4.00	3.81	056 FV CR			
								732 FV CR			
	1088	4	1970-72	E61S	76.00	2.00	3.20	102 T PC GI	**4266**	4 Cyl.	STD
						2.00	3.23	401 SCRP PC GI	**4266010**		0.25
						4.00	3.68	058 FV CR	**4266020**		0.50
								732 FV CR	**4266030**		0.75
									4266040		1.00
									4266060		1.50
								362 BF 3CR GI	**2C4266**		STD
								401 SCRP PC GI	**2C4266010**		0.25
								058 FV CR	**2C4266020**		0.50
								732 FV CR	**2C4266030**		0.75
									2C4266040		1.00
									2C4266060		1.50

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
SUBARU											
	544			544cc Rex, Sanba, EK23	76.00	1.50	3.45	032 BF PC GI	**6153**	2 Cyl.	STD
						1.50	3.48	126 RVT PC GI	**6153010**		0.25
						2.80	3.30	861 FV CR	**6153020**		0.50
								732 FV CR	**6153030**		0.75
									6153040		1.00
								362 BF 3CR GI	**2C6153**		STD
								126 RVT PC GI	**2C6153010**		0.25
								861 FV CR	**2C6153020**		0.50
								732 FV CR	**2C6153030**		0.75
									2C6153040		1.00
	700			700cc Rex, E42	78.00	1.20	3.33	398 BF CR S	**2C4692**	2 Cyl.	STD
						1.50	3.71	126 RVT PC GI	**2C4692020**		0.50
						2.80	3.18	861 FV CR	**2C4692030**		0.75
								732 FV CR	**2C4692040**		1.00
	1189		1987-93	Justy, EF10, EF12	78.00	1.20	3.33	398 BF CR S	**2C4778**	3 Cyl.	STD
						1.50	3.71	126 RVT PC GI	**2C4778020**		0.50
						2.80	3.18	861 FV CR	**2C4778030**		0.75
								732 FV CR	**2C4778040**		1.00
	1267	4	1971-73	E62, E62S	82.00	2.00	3.86	032 BF PC GI	**4294**	4 Cyl.	STD
						2.00	3.25	126 RVT PC GI	**4294020**		0.50
						4.00	4.24	056 FV CR	**4294030**		0.75
								732 FV CR	**4294040**		1.00
									4294060		1.50
								362 BF 3CR GI	**2C4294**		STD
								126 RVT PC GI	**2C4294010**		0.25
								056 FV CR	**2C4294020**		0.50
								732 FV CR	**2C4294030**		0.75
									2C4294040		1.00
									2C4294060		1.50
	1298	4		EA65	83.00	1.20	3.53	398 BF CR S	**2C4446**	4 Cyl.	STD
						1.50	3.25	126 RVT PC GI	**2C4446010**		0.25
						4.00	4.24	056 FV CR	**2C4446020**		0.50
								732 FV CR	**2C4446030**		0.75
									2C4446040		1.00
	1361	4	1973-76	1400 DL, GF, GL	85.00	2.00	3.81	032 BF PC GI	**6872**	4 Cyl.	STD
						2.00	4.04	401 SCRP PC GI	**6872020**		0.50
						4.00	4.11	056 FV CR	**6872030**		0.75
								732 FV CR	**6872040**		1.00
									6872060		1.50
								362 BF 3CR GI	**2C6872**		STD
								401 SCRP PC GI	**2C6872020**		0.50
								056 FV CR	**2C6872030**		0.75
								732 FV CR	**2C6872040**		1.00
									2C6872060		1.50
	1820	4	1993-On	Impreza, EJ18	87.90	1.20	3.33	398 BF CR S	**2C4817**	4 Cyl.	STD
						1.50	3.73	126 RVT PC GI	**2C4817010**		0.25
						3.00	2.92	997 FV CR	**2C4817020**		0.50
								732 FV CR	**2C4817030**		0.75
									2C4817040		1.00
	2999	6	2005-10	EZ30 H6 DOHC	89.20	1.20	3.33	398 BF CR S	**2C5863**	6 Cyl.	STD
						1.20	3.68	610 RVT PC GI	**2C5863020**		0.50
						2.50	3.05	995 FV CR			
								005 FV CR			
	2000	4	1993-On	Impreza, EJ20	92.00	1.20	3.73	398 BF CR S	**2C5027**	4 Cyl.	STD
	2000		1997-On	Forester, EJ20 Turbo		1.50	3.78	126 RVT PC GI	**2C5027020**		0.50
						3.00	3.18	054 FV CR	**2C5027040**		1.00
								005 FV CR			
122cu. in.	1994	4	2002-04	1 EJ20 DOHC, incl.Turbo w/2.5mm oil rings	92.00	1.20	3.33	398 BF CR S	**2C5134**	4 Cyl.	STD
						1.20	3.81	610 RVT PC GI	**2C5134020**		0.50
						2.50	3.05	995 FV CR	**2C5134030**		0.75
								732 FV CR	**2C5134040**		1.00

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
SUBARU											
	1595	4	1975-83	Engs. EA71	92.00	2.00	4.32	032 BF PC GI	**5364**	4 Cyl.	STD
	1781					2.00	4.09	401 SCRP PC GI	**5364010**		0.25
						4.00	4.24	056 FV CR	**5364020**		0.50
								732 FV CR	**5364030**		0.75
									5364040		1.00
								362 BF 3CR GI	**2C5364**		STD
								401 SCRP PC GI	**2C5364010**		0.25
								056 FV CR	**2C5364020**		0.50
								732 FV CR	**2C5364030**		0.75
									2C5364040		1.00
									2C5364060		1.50
								327 BF PM GI	**2M5364**		STD
								401 SCRP PC GI	**2M5364020**		0.50
								056 FV CR	**2M5364030**		0.75
								732 FV CR	**2M5364040**		1.00
	1781	4	1982-93	EA71, EA81, EA82 Incl. Turbo	92.00	1.20	3.73	398 BF CR S	**2C5657**	4 Cyl.	STD
						1.50	4.09	401 SCRP PC GI	**2C5657010**		0.25
						4.00	4.24	056 FV CR	**2C5657020**		0.50
								732 FV CR	**2C5657030**		0.75
									2C5657040		1.00
	3629	6	2008-13	ENG. EZ36D DOHC FI Legacy, Outback, Tribeca	92.00	1.20	3.33	398 BF CR S	**2C5877**	6 Cyl.	STD
						1.20	3.81	610 RVT PC GI	**2C5877020**		0.50
						2.00	2.67	991 FV CR			
								005 FV CR			
	3318	6	1991-92	SVX, EJ33	96.90	1.50	3.45	032 BF PC GI	**4777**	6 Cyl.	STD
						1.50	3.99	126 RVT PC GI	**4777020**		0.50
						3.00	3.05	997 FV CR	**4777030**		0.75
								732 FV CR	**4777040**		1.00
								363 BF CR GI	**2C4777**		STD
								126 RVT PC GI	**2C4777020**		0.50
								997 FV CR	**2C4777030**		0.75
								732 FV CR	**2C4777040**		1.00
	2212	4	2000-On	EJ22	96.90	1.20	3.53	398 BF CR S	**2C5167**	4 Cyl.	STD
						1.20	4.17	610 RVT PC GI	**2C5167020**		0.50
						2.50	3.05	995 FV CR	**2C5167030**		0.75
								732 FV CR			
	2212	4	1990-99	Legacy, EJ22E	97.00	1.20	3.53	398 BF CR S	**2C4707**	4 Cyl.	STD
						1.50	4.22	126 RVT PC GI	**2C4707020**		0.50
						3.00	3.30	054 FV CR	**2C4707030**		0.75
								732 FV CR	**2C4707040**		1.00
	2457	4	1996-99	EJ25, EJ25D	99.50	1.20	3.73	398 BF CR S	**2C4957**	4 Cyl.	STD
						1.50	4.24	126 RVT PC GI	**2C4957010**		0.25
						2.80	3.56	861 FV CR	**2C4957020**		0.50
								732 FV CR	**2C4957030**		0.75
									2C4957040		1.00
	2458	4	1999-12	EJ255, 16V SOHC Caution; w/2.5mm oil grv	99.50	1.20	3.73	398 BF CR S	**2C5140**	4 Cyl.	STD
						1.20	4.37	610 RVT PC GI	**2C5140010**		0.25
						2.50	3.18	995 FV CR	**2C5140020**		0.50
								732 FV CR	**2C5140030**		0.75
									2C5140040		1.00
	2457	4	2005-12	EJ257 WRX Sti DOHC Caution; w/2.0mm oil grv.	99.50	1.20	3.73	398 BF CR S	**2C5219**	4 Cyl.	STD
						1.20	4.37	610 RVT PC GI	**2C5219020**		0.50
						2.00	2.92	989 FV CR	**2C5219030**		0.75
								732 FV CR	**2C5219040**		1.00
SUNBEAM-TALBOT											
	1600	4	1973-76	Avenger	87.31	2.00	4.11	032 BF PC GI	**4361**	4 Cyl.	STD
						2.00	4.14	401 SCRP PC GI			
						4.00	4.50	860 FV CR			
								732 FV CR			
								362 BF 3CR GI	**2C4361**		STD
								401 SCRP PC GI			
								860 FV CR			
								732 FV CR			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
SUNBEAM-TALBOT											
260 cu. in.		8	1964-67	Ford	96.52	2.00	3.71	032 BF PC GI	**571**	8 Cyl.	STD
						2.25	4.24	126 RVT PC GI	**571030**		0.75
						4.75	4.62	860 FV CR	**571040**		1.00
								732 FV CR	**571060**		1.50
								362 BF 3CR GI	**2C571**		STD
								126 RVT PC GI	**2C571030**		0.75
								860 FV CR	**2C571040**		1.00
								732 FV CR	**2C571060**		1.50
								327 BF PM GI	**2M571**		STD
								126 RVT PC GI	**2M571030**		0.75
								860 FV CR	**2M571040**		1.00
								732 FV CR	**2M571060**		1.50
SUZUKI											
	543			543cc F5A, LJ80/81	62.00	1.50	3.12	362 BF 3CR GI	**2C4449**	3 Cyl.	STD
						1.50	3.15	126 RVT PC GI	**2C4449020**		0.50
						2.80	1.14	859 FV CR	**2C4449030**		0.75
								732 FV CR	**2C4449040**		1.00
	797	4		797cc FA8, SJ20, ST90	62.00	1.50	2.90	362 BF 3CR GI	**2C4807**	4 Cyl.	STD
	797					1.50	2.92	126 RVT PC GI	**2C4807010**		0.25
						2.80	3.18	859 FV CR	**2C4807020**		0.50
								732 FV CR	**2C4807030**		0.75
									2C4807040		1.00
	970	4		970cc Jimmy F10A, SJ-410	65.50	1.50	2.69	032 BF PC GI	**4234**	4 Cyl.	STD
						1.50	2.72	126 RVT PC GI	**4234020**		0.50
						2.80	1.14	859 FV CR	**4234040**		1.00
								732 FV CR			
								362 BF 3CR GI	**2C4234**		STD
								126 RVT PC GI	**2C4234010**		0.25
								859 FV CR	**2C4234020**		0.50
								732 FV CR	**2C4234030**		0.75
									2C4234040		1.00
									2C4234060		1.50
	996	4	1997-On	996cc K10A Alto	68.00	1.00	2.92	398 BF CR S	**2C4220**	4 Cyl.	STD
						1.20	3.07	610 RVT PC GI	**2C4220010**		0.25
						2.00	2.67	993 FV CR	**2C4220020**		0.50
								005 FV CR	**2C4220030**		0.75
									2C4220040		1.00
	660			660cc DAMAS, LABO, TICO	68.50	1.20	2.92	398 BF CR S	**2C5039**	3 Cyl.	STD
						1.50	2.62	126 RVT PC GI	**2C5039010**		0.25
						2.80	3.30	859 FV CR	**2C5039020**		0.50
								732 FV CR	**2C5039030**		0.75
									2C5039040		1.00
	1061	4	1981-On	SS-80	68.50	1.50	2.67	362 BF 3CR GI	**2C5083**	4 Cyl.	STD
						1.50	2.62	126 RVT PC GI	**2C5083010**		0.25
						2.80	3.30	859 FV CR	**2C5083020**		0.50
								732 FV CR			
	800			800cc Fronte SS80, Y64, 65	68.50	1.50	2.67	362 BF 3CR GI	**2C6185**	3 Cyl.	STD
						1.50	2.62	126 RVT PC GI	**2C6185010**		0.25
						2.80	3.30	859 FV CR	**2C6185020**		0.50
								732 FV CR	**2C6185030**		0.75
									2C6185040		1.00
									2C6185060		1.50
	1248		2003-05	Turbo Diesel Z13TD Euro 4	69.60	2.00	3.05	205 BF CR DI	**2D7101**	1 Cyl.	STD
						1.50	3.07	206 TF PC DI	**2D710140**	1 Cyl.	0.40
						2.00	2.90	248 CF CR	**2D710160**	1 Cyl.	0.60
								881 2PCO			
		4		K12A Wagon R, SR-412	71.00	1.00	2.44	398 BF CR S	**2C4047**	4 Cyl.	STD
						1.20	3.12	610 RVT PC GI	**2C4047020**		0.50
						2.00	2.79	993 FV CR			
								005 FV CR			
	993		1998-04	993cc Eng G10A	74.00	1.20	2.92	398 BF CR S	**2C4184**	3 Cyl.	STD
						1.20	2.97	126 RVT PC GI	**2C4184010**		0.25
						2.50	2.79	995 FV CR	**2C4184020**		0.50
								732 FV CR	**2C4184030**		0.75
									2C4184040		1.00

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
SUZUKI											
	1298	4	1986-97	Samurai, Sidekick, G10, G13A, G13AB, G13K, G13S 3 Ring Piston	74.00	1.20	2.92	398 BF CR S	**2C4258**	4 Cyl.	STD
						1.50	3.23	435 SCRP PC GI	**2C4258010**		0.25
						2.80	3.18	859 FV CR	**2C4258020**		0.50
								732 FV CR	**2C4258030**		0.75
									2C4258040		1.00
									2C4258060		1.50
	1324	4		Swift 2 Ring Piston	74.00	1.20	2.92	398 BF CR S	**2C4364**	4 Cyl.	STD
						2.80	1.14	859 FV CR	**2C4364020**		0.50
								732 FV CR	**2C4364030**		0.75
									2C4364040		1.00
			1989-93	61cu. in. 2 Ring Piston	74.00	1.20	2.92	398 BF CR S	**2C4738**	3 Cyl.	STD
						2.80	3.18	859 FV CR	**2C4738020**		0.50
								732 FV CR	**2C4738030**		0.75
									2C4738040		1.00
	1298	4	1998	G13KS	74.00	1.20	2.92	398 BF CR S	**2C4944**	4 Cyl.	STD
						1.20	2.97	126 RVT PC GI	**2C4944010**		0.25
						2.50	2.79	995 FV CR	**2C4944020**		0.50
								732 FV CR	**2C4944030**		0.75
									2C4944040		1.00
	1590	4	1989-98	Sidekick, G16K, G16KC, G16KV, G16N	75.00	1.20	2.92	398 BF CR S	**2C4640**	4 Cyl.	STD
						1.50	3.23	401 SCRP PC GI	**2C4640010**		0.25
						2.80	3.30	859 FV CR	**2C4640020**		0.50
								732 FV CR	**2C4640030**		0.75
									2C4640040		1.00
									2C4640060		1.50
	1590	4	1996-02	Esteem, G16KV, G16S	75.00	1.20	2.92	398 BF CR S	**2C4901**	4 Cyl.	STD
						1.20	2.97	610 RVT PC GI	**2C4901010**		0.25
						2.50	2.79	995 FV CR	**2C4901020**		0.50
								732 FV CR	**2C4901030**		0.75
									2C4901040		1.00
	2000	6	2000-On	Escudo DOHC V-6 H20 Grand Escudo V type	78.00	1.20	3.33	398 BF CR S	**2C4170**	6 Cyl.	STD
						1.50	3.71	126 RVT PC GI	**2C4170020**		0.50
						2.50	2.92	533 FV CR	**2C4170030**		0.75
								732 FV CR	**2C4170040**		1.00
	1328	4	2000-08	M13A Ignis, Jimmy, Swift	78.00	1.20	3.12	398 BF CR S	**2C4186**	4 Cyl.	STD
	1490		2000-08	M15A Ignis, Jimmy, Swift		1.20	3.23	610 RVT PC GI	**2C4186020**		0.50
						2.50	2.67	995 FV CR	**2C4186030**		0.75
								732 FV CR			
	2000	4		Escudo SOHC	78.00	1.20	3.33	398 BF CR S	**2C4994**	4 Cyl.	STD
						1.50	3.71	126 RVT PC GI	**2C4994020**		0.50
						2.50	2.92	533 FV CR	**2C4994030**		0.75
								732 FV CR	**2C4994040**		1.00
	1905		1996-98	Diesel XUD9SD	83.00	3.50	3.61	224 FKST PM DI	**2M7157**	1 Cyl.	STD
						2.00	3.63	202 TTF PC DI			
						3.00	3.68	204 CF CR DI			
								881 2PCO			
	1905		1996-99	Diesel XUD9SD	83.00	3.00	3.61	221 FKST CC DI	**2D7351**	1 Cyl.	STD
						2.00	3.63	202 TTF PC DI			
						3.00	3.68	204 CF CR DI			
								881 2PCO			
	1905		1995-98	Diesel XUD9A	83.00	2.00	3.61	217 BF CR DI	**2C7372**	1 Cyl.	STD
						2.00	3.63	202 TTF PC DI			
						3.00	3.68	204 CF CR DI			
								881 2PCO			
	1995	4	2010-13	J20B SX4	84.00	1.20	2.92	398 BF CR S	**2C4434**	4 Cyl.	STD
						1.00	2.95	123 RVT PC DI			
						2.00	2.54	990 FV CR			
								005 FV CR			
	1995	4	2007-12	DOHC F.I. MR20G SX-4, SX-4 Crossover	84.00	1.20	2.92	398 BF CR S	**2C4521**	4 Cyl.	STD
						1.20	3.33	126 RVT PC GI	**2C4521020**		0.50
						2.50	2.79	995 FV CR			
								732 FV CR			
	1800	4	1996-04	Sidekick Sport	84.00	1.20	2.92	398 BF CR S	**2C4959**	4 Cyl.	STD

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
SUZUKI											
	1995		1996-04	J20A		1.50	3.73	126 RVT PC GI	**2C4959010**		0.25
						2.50	2.79	995 FV CR	**2C4959020**		0.50
								732 FV CR	**2C4959030**		0.75
									2C4959040		1.00
								326 TBF GN SS	**2N4959**		STD
								435 SCRP PC GI			
								672 FV GN			
								708 FV GN			
	2494	6	1999-06	H25A Grand Vitara	84.00	1.20	3.33	398 BF CR S	**2C5109**	6 Cyl.	STD
						1.50	3.73	126 RVT PC GI	**2C5109010**		0.25
						2.50	2.79	995 FV CR	**2C5109020**		0.50
								732 FV CR	**2C5109030**		0.75
									2C5109040		1.00
	1995	4	2003-08	KL5J DOHC ETEC L34 Forenza, Reno	86.00	1.20	3.33	398 BF CR S	**2C5130**	4 Cyl.	STD
						1.50	3.43	126 RVT PC GI	**2C5130020**		0.50
						2.50	3.05	995 FV CR	**2C5130030**		0.75
								732 FV CR	**2C5130040**		1.00
								322 BF GN SS	**2N513050**		0.50
								435 SCRP PC GI			
								995 FV CR			
								732 FV CR			
	2737	6	2001-08	H27A DOHC	88.00	1.20	3.33	398 BF CR S	**2C4567**	6 Cyl.	STD
						1.50	3.63	126 RVT PC GI	**2C4567020**		0.50
						2.80	2.92	997 FV CR	**2C4567030**		0.75
								732 FV CR	**2C4567040**		1.00
	2488	4	2009-12	QR25DE DOHC 16V Equator (Nissan)	89.00	1.20	3.33	398 BF CR S	**2C5099**	4 Cyl.	STD
						1.20	3.68	610 RVT PC GI	**2C5099010**		0.25
						2.50	3.05	995 FV CR	**2C5099020**		0.50
								732 FV CR	**2C5099030**		0.75
									2C5099040		1.00
	2294	4	2004-08	Aerio DOHC J23A	90.00	1.20	3.53	398 BF CR S	**2C5278**	4 Cyl.	STD
						1.20	3.81	610 RVT PC GI	**2C527850**		1.25
						2.50	2.79	995 FV CR	**2C5278100**		2.50
								732 FV CR			
J24B	2393	4	2009-12	DOHC, GRAND VITARA, KIZASHI, ESCUDE, ALLRAD	92.00	1.20	3.33	398 BF CR S	**2C4358**	4 Cyl.	STD
						1.00	3.35	123 RVT PC DI	**2C435850**		1.25
						2.00	2.92	991 FV CR			
								005 FV CR			
TATA											
	1390	4		MPFI, Indica	75.00	1.20	2.92	398 BF CR S	**2C4868**	4 Cyl.	STD
						1.50	3.23	401 SCRP PC GI	**2C4868020**		0.50
						2.80	2.79	996 FV CR	**2C4868040**		1.00
								732 FV CR			
THAMES-ALSO SEE FORD											
		4		800 Frighter	82.55	2.00	3.89	032 BF PC GI	**5909**	4 Cyl.	STD
						2.00	3.91	401 SCRP PC GI	**5909010**		0.25
						4.75	1.27	860 FV CR	**5909060**		1.50
								732 FV CR			
								362 BF 3CR GI	**2C5909**		STD
								401 SCRP PC GI			
								860 FV CR			
								732 FV CR			
TOYOTA											
	1000	4		1E, 1EL Starlet FWD	70.50	1.50	2.82	335 T PM DI	**2M5015**	4 Cyl.	STD
						1.50	3.33	126 RVT PC GI			
						3.00	2.92	996 FV CR			
								732 FV CR			
	996		2005-On	996cc 1KR-FE 12V Aygo, Vitz, Yaris	71.00	1.00	2.44	398 BF CR S	**2C4598**	3 Cyl.	STD
						1.00	2.72	123 RVT PC DI	**2C4598020**		0.50
						1.50	2.34	981 FV CR	**2C4598040**		1.00
								005 FV CR			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
TOYOTA											
	1298	4	2005-08	K3-VE Myvi, Scion	72.00	1.20	2.92	398 BF CR S	**2C5266**	4 Cyl.	STD
						1.20	3.10	126 RVT PC GI	**2C5266016**		0.41
						2.00	2.67	990 FV CR	**2C5266020**		0.50
								732 FV CR	**2C5266024**		0.61
									2C5266030		0.75
									2C5266040		1.00
	993	4	1966-74	993cc 2K	72.00	2.00	3.38	362 BF 3CR GI	**6752**	4 Cyl.	STD
						2.00	3.40	401 SCRP PC GI			
						4.00	3.81	056 FV CR			
								732 FV CR			
1NR-FE	1329	4	2009-13	1.3L Auris, Corolla, Hybrid, Verso, Yaris	72.50	1.00	2.92	398 BF CR S	**2C5392**	4 Cyl.	STD
2NR-FE	1496		2010-15	1.5L DOHC-16V Etios NGK12, NGK15		1.00	3.10	123 RVT PC DI			
3NR-FE	1197		2010-on	1.2L DOHC-16V Etios NGK10		2.00	2.67	990 FV CR			
								732 FV CR			
	1456	4	1987-97	2E-L, 3E, 3EE	73.00	1.50	3.10	032 BF PC GI	**4633**	4 Cyl.	STD
						1.50	3.07	126 RVT PC GI	**4633020**		0.50
						3.00	3.18	054 FV CR	**4633030**		0.75
								732 FV CR	**4633040**		1.00
									4633060		1.50
								363 BF CR GI	**2C4633**		STD
								126 RVT PC GI	**2C4633010**		0.25
								054 FV CR	**2C4633020**		0.50
								732 FV CR	**2C4633030**		0.75
									2C4633040		1.00
									2C4633060		1.50
								326 TBF GN SS	**2N4633**		STD
								435 SCRP PC GI	**2N463325**		0.25
								54 FV CR	**2N463350**		0.50
								732 FV CR	**2N463375**		0.75
								054 FV CR	**2N4633100**		1.00
								732 FV CR			
	1364		1999-07	Diesel 1ND-TV SOHC Corolla, Yaris w/Nitrided top ring and 2pc oil ring	73.00	1.50	2.46	239 BF CC DI	**2D5856**	1 Cyl.	STD
						1.50	2.82	218 TF PC DI			
						3.00	3.68	204 CF CR DI			
								881 2PCO			
	1398		2005-On	Diesel 2WZ-TV	73.70	2.50	3.25	213 FKST CC DI	**2D7270**	1 Cyl.	STD
						1.95	3.28	209 RVT PC DI	**2D727025**		0.25
						2.50	3.33	248 CF CR	**2D727050**		0.50
								881 2PCO			
	1497	4		5EFE, DOHC Paseo	74.00	1.20	2.92	398 BF CR S	**2C4774**	4 Cyl.	STD
						1.20	2.97	126 RVT PC GI	**2C4774010**		0.25
						3.00	2.79	996 FV CR	**2C4774020**		0.50
								732 FV CR	**2C4774030**		0.75
									2C4774040		1.00
									2C4774060		1.50
	1988	6		1G, 1GE, 1GEV	75.00	1.50	2.95	032 BF PC GI	**4632**	6 Cyl.	STD
						1.50	3.23	401 SCRP PC GI	**4632010**		0.25
						4.00	3.43	058 FV CR	**4632020**		0.50
								732 FV CR	**4632030**		0.75
									4632040		1.00
								363 BF CR GI	**2C4632**		STD
								401 SCRP PC GI	**2C4632010**		0.25
								058 FV CR	**2C4632020**		0.50
								732 FV CR	**2C4632030**		0.75
									2C4632040		1.00
	1497	4	2000-05	1NZFE, 1NZFXE Echo, Prius	75.00	1.20	2.92	398 BF CR S	**2C5091**	4 Cyl.	STD
						1.20	2.97	610 RVT PC GI	**2C5091020**		0.50
						2.00	3.05	993 FV CR	**2C5091030**		0.75
								005 FV CR	**2C5091040**		1.00
									2C5091060		1.50
								322 BF GN SS	**2N5091**		STD
								435 SCRP PC GI			
								672 FV GN			
								708 FV GN			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
TOYOTA											
	1290	4	1983-84	Starlet, 4KE	75.00	1.50	2.95	032 BF PC GI	**6179**	4 Cyl.	STD
						1.50	3.23	401 SCRP PC GI	**6179010**		0.25
						4.00	3.43	058 FV CR	**6179020**		0.50
								732 FV CR	**6179030**		0.75
	1290		1983-84						**6179040**		1.00
								363 BF CR GI	**2C6179**		STD
								401 SCRP PC GI	**2C6179010**		0.25
								058 FV CR	**2C6179020**		0.50
								732 FV CR	**2C6179030**		0.75
									2C6179040		1.00
									2C6179060		1.50
	2253	6	1966-72	Crown OHC, MS Series, M; 2M, 2000	75.00	2.00	3.45	102 T PC GI	**6797**	6 Cyl.	STD
	1988		1966-71	50 MS Series		2.00	3.48	401 SCRP PC GI	**6797040**		1.00
						4.00	3.94	056 FV CR			
								732 FV CR			
								362 BF 3CR GI	**2C6797**		STD
								401 SCRP PC GI	**2C6797020**		0.50
								056 FV CR	**2C6797030**		0.75
								732 FV CR	**2C6797040**		1.00
									2C6797060		1.50
	1077	4	1968-78	Corolla 1100,K, KC, 3K	75.00	2.00	3.45	032 BF PC GI	**6813**	4 Cyl.	STD
	1166					2.00	3.48	401 SCRP PC GI	**6813020**		0.50
	1290		1980-82	Starlet, 4KC		4.00	3.94	056 FV CR	**6813030**		0.75
								732 FV CR	**6813040**		1.00
									6813060		1.50
								362 BF 3CR GI	**2C6813**		STD
								401 SCRP PC GI	**2C6813010**		0.25
								056 FV CR	**2C6813020**		0.50
								732 FV CR	**2C6813030**		0.75
									2C6813040		1.00
									2C6813060		1.50
									2C6813063		1.60
	1077	4	1968-78	Corolla 1100,K, KC, 3K, Shallow Oil Ring Groove	75.00	2.00	3.45	032 BF PC GI	**6818**	4 Cyl.	STD
	1166					2.00	3.48	401 SCRP PC GI	**6818020**		0.50
	1290		1980-82	Starlet, 4KC Shallow Oil Ring Groove		4.00	2.92	856 FV CR	**6818030**		0.75
								732 FV CR	**6818040**		1.00
									6818060		1.50
								362 BF 3CR GI	**2C6818**		STD
								401 SCRP PC GI	**2C6818010**		0.25
								856 FV CR	**2C6818020**		0.50
								732 FV CR	**2C6818030**		0.75
									2C6818040		1.00
									2C6818060		1.50
	1295	4	1979-On	2A, 2AL	76.00	2.00	3.20	102 T PC GI	**4266**	4 Cyl.	STD
						2.00	3.23	401 SCRP PC GI	**4266010**		0.25
						4.00	3.68	058 FV CR	**4266020**		0.50
								732 FV CR	**4266030**		0.75
									4266040		1.00
									4266060		1.50
								362 BF 3CR GI	**2C4266**		STD
								401 SCRP PC GI	**2C4266010**		0.25
								058 FV CR	**2C4266020**		0.50
								732 FV CR	**2C4266030**		0.75
									2C4266040		1.00
									2C4266060		1.50
	1345	4		Fork Lift Truck, 3P	76.60	2.00	3.45	032 BF PC GI	**4473**	4 Cyl.	STD
	1493					2.00	3.48	401 SCRP PC GI			
						4.00	1.27	058 FV CR			
								732 FV CR			
								362 BF 3CR GI	**2C4473**		STD
								401 SCRP PC GI	**2C4473020**		0.50
								058 FV CR	**2C4473030**		0.75
								732 FV CR	**2C4473040**		1.00
									2C4473060		1.50

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
TOYOTA											
	1452	4	1980-88	Tercel, OHC, 3AC	77.50	1.50	3.35	032 BF PC GI	**6140**	4 Cyl.	STD
						1.50	3.71	126 RVT PC GI	**6140020**		0.50
						2.80	3.30	861 FV CR	**6140030**		0.75
								732 FV CR	**6140040**		1.00
								363 BF CR GI	**2C6140**		STD
								126 RVT PC GI	**2C6140010**		0.25
								861 FV CR	**2C6140020**		0.50
								732 FV CR	**2C6140030**		0.75
									2C6140040		1.00
	1490	4	1965-69	Corona, 2R	78.00	2.00	3.68	102 T PC GI	**6804**	4 Cyl.	STD
						2.50	3.71	401 SCRP PC GI			
						4.00	4.11	056 FV CR			
								732 FV CR			
								362 BF 3CR GI	**2C6804**		STD
								401 SCRP PC GI	**2C6804040**		1.00
								056 FV CR			
								732 FV CR			
	1762	4	1998-08	, 1ZZFE	79.00	1.20	3.33	398 BF CR S	**2C4947**	4 Cyl.	STD
						1.20	3.48	126 RVT PC GI	**2C4947010**		0.25
						3.00	2.92	996 FV CR	**2C4947020**		0.50
								732 FV CR	**2C4947030**		0.75
									2C4947040		1.00
									2C4947060		1.50
	2563	6	1971-80	Cressida, 4M, 4ME	80.00	2.00	3.18	032 BF PC GI	**6876**	6 Cyl.	STD
	2600		1973-73	Mark II, MX23L, 4M		2.00	3.71	401 SCRP PC GI	**6876020**		0.50
			1971-75	Crown MS 63-65, MS75		4.00	3.81	056 FV CR	**6876030**		0.75
								732 FV CR	**6876040**		1.00
									6876060		1.50
								362 BF 3CR GI	**2C6876**		STD
								401 SCRP PC GI	**2C6876020**		0.50
								056 FV CR	**2C6876030**		0.75
								732 FV CR	**2C6876040**		1.00
	1798	4	2009-13	2ZRFE DOHC Corolla, Matrix	80.50	1.00	3.33	398 BF CR S	**2C4113**	4 Cyl.	STD
						1.00	3.02	123 RVT PC DI	**2C4113020**		0.50
						1.50	2.34	981 FV CR	**2C4113030**		0.75
								005 FV CR	**2C4113040**		1.00
	1587	4	1971-74	Corona 1600 RT81 Hi-Lux, 12R	80.50	2.00	3.18	032 BF PC GI	**4293**	4 Cyl.	STD
						2.00	3.20	126 RVT PC GI	**4293010**		0.25
						4.00	1.27	860 FV CR	**4293020**		0.50
								732 FV CR	**4293040**		1.00
									4293060		1.50
								362 BF 3CR GI	**2C4293**		STD
								126 RVT PC GI	**2C4293010**		0.25
								860 FV CR	**2C4293020**		0.50
								732 FV CR	**2C4293040**		1.00
3ZR-FE, 3ZR-FAE	1986	4	2013-on	16V DOHC FLEX FUEL TURBO, COROLLA, RAV4, AVENSIS, VOXY, NOAH	80.50	1.20	3.33	398 BF CR S	**2C5395**	4 Cyl.	STD
						1.00	3.02	123 RVT PC DI	**2C539550**		0.50
						2.00	2.92	993 FV CR	**2C5395100**		1.00
								5 FV CR			
5K	1487	4	1986	5K	80.50	1.50	3.18	032 BF PC GI	**5300**	4 Cyl.	STD
	1487		1986			1.50	3.35	401 SCRP PC GI	**5300020**		0.50
						4.00	3.30	058 FV CR	**5300030**		0.75
								732 FV CR	**5300040**		1.00

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
TOYOTA											
	1587	4	1988-93	6, 4AF, 4AFE 4AGZE Super charged	81.00	1.50	3.18	032 BF PC GI	**4683**	4 Cyl.	STD
	1587		1988-93			1.50	3.23	126 RVT PC GI	**4683020**		0.50
						3.00	3.18	054 FV CR	**4683030**		0.75
								732 FV CR	**4683040**		1.00
								335 T PM DI	**2M4683**		STD
								126 RVT PC GI	**2M4683010**		0.25
								054 FV CR	**2M4683020**		0.50
								732 FV CR	**2M4683030**		0.75
									2M4683040		1.00
								322 BF GN SS	**2N4683**		STD
								126 RVT PC GI	**2N468325**		0.25
								672 FV GN	**2N468350**		0.50
								708 FV GN	**2N468375**		0.75
	1587	4	1990-93	5, 4AGE	81.00	1.20	3.33	398 BF CR S	**2C4684**	4 Cyl.	STD
						1.50	3.23	126 RVT PC GI	**2C4684020**		0.50
						2.80	3.18	861 FV CR	**2C4684030**		0.75
								732 FV CR	**2C4684040**		1.00
	1587	4	1993-97	4AFE, 4AG	81.00	1.20	3.33	398 BF CR S	**2C4733**	4 Cyl.	STD
	1587		1993-94	98cu.in, Vin:6		1.50	3.23	126 RVT PC GI	**2C4733010**		0.25
						3.00	3.18	054 FV CR	**2C4733020**		0.50
								732 FV CR	**2C4733030**		0.75
									2C4733040		1.00
								322 BF GN SS	**2N4733**		STD
								126 RVT PC GI	**2N473325**		0.25
								672 FV GN	**2N473350**		0.50
								708 FV GN	**2N473375**		0.75
								708 FV GN			
	1762	4	1993-97	7AFE	81.00	1.20	3.33	398 BF CR S	**2C4773**	4 Cyl.	STD
						1.50	3.23	126 RVT PC GI	**2C4773010**		0.25
						3.00	2.67	997 FV CR	**2C4773020**		0.50
								732 FV CR	**2C4773030**		0.75
									2C4773040		1.00
	1587	4	1983-89	, Corolla, MR2 4A, 4AC, 4AE, 4AG, 4AGZE, 4ALC	81.00	1.50	3.18	032 BF PC GI	**6180**	4 Cyl.	STD
	1587		1983-89			1.50	3.23	126 RVT PC GI	**6180010**		0.25
						2.80	3.18	861 FV CR	**6180020**		0.50
								732 FV CR	**6180030**		0.75
									6180040		1.00
									6180060		1.50
								362 BF 3CR GI	**2C6180**		STD
								126 RVT PC GI	**2C6180010**		0.25
								861 FV CR	**2C6180020**		0.50
								732 FV CR	**2C6180030**		0.75
									2C6180040		1.00
								327 BF PM GI	**2M6180**		STD
								126 RVT PC GI	**2M6180010**		0.25
								861 FV CR	**2M6180020**		0.50
								732 FV CR	**2M6180030**		0.75
									2M6180040		1.00
	1796	4	2001-06	, 2ZZEE, 2ZZGE DOHC	82.00	1.20	3.12	398 BF CR S	**2C5087**	4 Cyl.	STD
						1.20	3.48	610 RVT PC GI	**2C5087020**		0.50
						3.00	2.79	997 FV CR	**2C5087030**		0.75
								732 FV CR	**2C5087040**		1.00
	1998		1998-08	1CD, 1CDA Turbo Diesel DOHC Corolla	82.20	2.00	2.97	226 BF CR DI	**2C7428**	1 Cyl.	STD
						1.50	2.87	218 TF PC DI			
						3.00	3.43	204 CF CR DI			
								881 2PCO			
	1839	4		Diesel Corolla, 1CLC, 1CTLC, Turbo Diesel	83.00	2.00	3.53	370 HKST 3CR GI	**2D4223**	4 Cyl.	STD
						2.00	3.35	126 RVT PC GI	**2D422325**		0.25
						4.00	3.84	553 CF CR GI	**2D422350**		0.50
								881 2PCO	**2D422375**		0.75
									2D4223100		1.00

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
TOYOTA											
	1839	4		1C	83.00	2.00	3.53	370 HKST 3CR GI	**2C5016**	4 Cyl.	STD
						2.00	3.35	126 RVT PC GI	**2C5016020**		0.50
						3.00	3.30	054 FV CR	**2C5016040**		1.00
								732 FV CR			
	2759	6	1982-87	5MGE, 5MGEV	83.00	1.50	3.20	032 BF PC GI	**6162**	6 Cyl.	STD
	2954		1982-93	7MGE, 7MGTE Incl. Turbo		1.50	3.25	126 RVT PC GI	**6162020**		0.50
						4.00	3.43	058 FV CR	**6162030**		0.75
								732 FV CR	**6162040**		1.00
								362 BF 3CR GI	**2C6162**		STD
								126 RVT PC GI	**2C6162020**		0.50
								058 FV CR	**2C6162030**		0.75
								732 FV CR	**2C6162040**		1.00
									2C6162060		1.50
								327 BF PM GI	**2M6162**		STD
								126 RVT PC GI	**2M6162020**		0.50
								058 FV CR	**2M6162030**		0.75
								732 FV CR	**2M6162040**		1.00
	2759	6	1981-82	5M, 5ME	83.00	2.00	3.78	032 BF PC GI	**6856**	6 Cyl.	STD
						2.00	3.81	401 SCRP PC GI	**6856010**		0.25
						4.00	3.43	058 FV CR	**6856020**		0.50
								732 FV CR	**6856030**		0.75
									6856040		1.00
								362 BF 3CR GI	**2C6856**		STD
								401 SCRP PC GI	**2C6856010**		0.25
								058 FV CR	**2C6856020**		0.50
								732 FV CR	**2C6856030**		0.75
									2C6856040		1.00
	1995	4	1984-86	Camry, 2SELC, 21RC	84.00	1.50	3.20	032 BF PC GI	**4217**	4 Cyl.	STD
						1.50	3.73	126 RVT PC GI	**4217010**		0.25
						4.00	3.43	058 FV CR	**4217020**		0.50
								732 FV CR	**4217030**		0.75
									4217040		1.00
									4217060		1.50
								336 T PM DI	**2M4217**		STD
								126 RVT PC GI	**2M4217010**		0.25
								058 FV CR	**2M4217020**		0.50
								732 FV CR	**2M4217030**		0.75
									2M4217040		1.00
	1972	4	1970-78	Corona, 21R	84.00	2.00	3.99	032 BF PC GI	**4247**	4 Cyl.	STD
						2.00	3.84	126 RVT PC GI	**4247020**		0.50
						4.00	3.43	058 FV CR	**4247030**		0.75
								732 FV CR	**4247040**		1.00
									4247060		1.50
								362 BF 3CR GI	**2C4247**		STD
								126 RVT PC GI	**2C4247010**		0.25
								058 FV CR	**2C4247020**		0.50
								732 FV CR	**2C4247030**		0.75
									2C4247040		1.00
									2C4247060		1.50
	1972	4	1982-On	21R Export Only	84.00	1.50	3.20	032 BF PC GI	**4788**	4 Cyl.	STD
						2.00	3.84	126 RVT PC GI	**4788020**		0.50
						4.00	3.43	058 FV CR	**4788030**		0.75
								732 FV CR	**4788040**		1.00
								362 BF 3CR GI	**2C4788**		STD
								126 RVT PC GI	**2C4788020**		0.50
								058 FV CR	**2C4788040**		1.00
								732 FV CR			
		4	1983-84	Camry, 2SEL	84.50	1.50	3.43	032 BF PC GI	**6156**	4 Cyl.	STD
						1.50	3.84	126 RVT PC GI	**6156020**		0.50
						4.00	3.94	056 FV CR	**6156030**		0.75
								732 FV CR	**6156040**		1.00
									6156060		1.50
								363 BF CR GI	**2C6156**		STD
								126 RVT PC GI	**2C6156020**		0.50
								056 FV CR	**2C6156030**		0.75
								732 FV CR	**2C6156040**		1.00

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
TOYOTA											
	1588	4	1971-77	Corolla 1600, 2TC	85.00	2.00	3.81	032 BF PC GI	**6872**	4 Cyl.	STD
	1588		1971-74	Carina 1600, 2TC, 2TE		2.00	4.04	401 SCRP PC GI	**6872020**		0.50
						4.00	4.11	056 FV CR	**6872030**		0.75
								732 FV CR	**6872040**		1.00
									6872060		1.50
								362 BF 3CR GI	**2C6872**		STD
								401 SCRP PC GI	**2C6872020**		0.50
								056 FV CR	**2C6872030**		0.75
								732 FV CR	**2C6872040**		1.00
									2C6872060		1.50
	1588	4	1978-79	2TC	85.00	1.50	3.43	032 BF PC GI	**6899**	4 Cyl.	STD
	1770		1980-82	, Corolla, 3TC, 12T, 13T		1.50	3.43	126 RVT PC GI	**6899010**		0.25
						4.00	3.81	056 FV CR	**6899020**		0.50
								732 FV CR	**6899030**		0.75
									6899040		1.00
									6899060		1.50
								362 BF 3CR GI	**2C6899**		STD
								126 RVT PC GI	**2C6899010**		0.25
								056 FV CR	**2C6899020**		0.50
								732 FV CR	**2C6899030**		0.75
									2C6899040		1.00
									2C6899060		1.50
								327 BF PM GI	**2M6899**		STD
								126 RVT PC GI	**2M6899010**		0.25
								056 FV CR	**2M6899020**		0.50
								732 FV CR	**2M6899060**		1.50
	1897	4	1986-On	, 10R	86.00	2.00	3.71	335 T PM DI	**2D4210**	4 Cyl.	STD
						2.00	3.89	401 SCRP PC GI	**2D421025**		0.25
						4.00	3.78	553 CF CR GI	**2D421050**		0.50
								881 2PCO	**2D421075**		0.75
									2D4210100		1.00
	1998	4	1984-92	Van-Wagon, 3SFE, 3Y Hiace	86.00	1.50	3.45	032 BF PC GI	**4219**	4 Cyl.	STD
						1.50	3.78	435 SCRP PC GI	**4219020**		0.50
						4.00	3.43	058 FV CR	**4219030**		0.75
								732 FV CR	**4219040**		1.00
									4219060		1.50
								362 BF 3CR GI	**2C4219**		STD
								435 SCRP PC GI	**2C4219010**		0.25
								058 FV CR	**2C4219020**		0.50
								732 FV CR	**2C4219030**		0.75
									2C4219040		1.00
									2C4219060		1.50
								327 BF PM GI	**2M4219**		STD
								435 SCRP PC GI	**2M4219020**		0.50
								058 FV CR	**2M4219030**		0.75
								732 FV CR	**2M4219040**		1.00
	1998	4	1986-94	3SGELC, 3SGTE	86.00	1.20	3.33	398 BF CR S	**2C4653**	4 Cyl.	STD
	1998		1986-89			1.50	3.78	435 SCRP PC GI	**2C4653020**		0.50
						4.00	3.43	058 FV CR	**2C4653030**		0.75
								732 FV CR	**2C4653040**		1.00
	2997	6	1993-98	2JZGE, 2JZGTE DOHC Incl. Turbo	86.00	1.50	3.86	376 BF CR DI	**2C4713**	6 Cyl.	STD
						1.50	3.78	435 SCRP PC GI	**2C4713010**		0.25
						4.00	3.43	058 FV CR	**2C4713020**		0.50
								732 FV CR	**2C4713030**		0.75
									2C4713040		1.00
	1998	4	1998	3SFE, L4, RAV 4	86.00	1.20	3.12	398 BF CR S	**2C5005**	4 Cyl.	STD
						1.20	3.58	126 RVT PC GI	**2C5005010**		0.25
						3.00	2.67	997 FV CR	**2C5005020**		0.50
								732 FV CR	**2C5005030**		0.75
									2C5005040		1.00
	1998	4	2001-04	1AZFE, L4, RAV4	86.00	1.20	3.12	398 BF CR S	**2C5089**	4 Cyl.	STD
						1.20	3.58	126 RVT PC GI	**2C5089020**		0.50
						2.00	2.79	993 FV CR	**2C5089030**		0.75
								005 FV CR	**2C5089040**		1.00

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
TOYOTA											
1RE, 1RZ	1998	4		1RZ, 2000P, 8V	86.00	1.75	3.20	032 BF PC GI	**5281**	4 Cyl.	STD
						1.50	3.43	126 RVT PC GI	**5281020**		0.50
						4.00	3.43	058 FV CR	**5281040**		1.00
								732 FV CR			
	1591	4	1971-72	Celica RA & ST Series 1900, 7R, 8R, 8RC	86.00	2.00	4.04	032 BF PC GI	**6846**	4 Cyl.	STD
	1591		1970-76	Corona OHC, RT83, RT93, 1900 , 7R, 8R, 8RC		2.50	4.06	401 SCRP PC GI	**6846030**		0.75
	1600		1971-74	Corolla, 6RB, 7RB, TE2		4.00	4.75	860 FV CR	**6846040**		1.00
			1970-76	Hi-Lux Pickup RN12, 6R, 8R, 8RB, TE2				732 FV CR	**6846060**		1.50
			1968-71					362 BF 3CR GI	**2C6846**		STD
								401 SCRP PC GI	**2C6846030**		0.75
								860 FV CR	**2C6846040**		1.00
								732 FV CR	**2C6846060**		1.50
	1998	4	2005-16	2.0 L DOHC 16V HIACE, TRH102,112, 200	86.00	1.20	3.12	398 BF CR S	**2C7194**	4 Cyl.	STD
						1.20	3.58	126 RVT PC GI			
						2.00	2.87	248 CF CR			
								881 2PCO			
	1998		2006-On	1AD-FTV Diesel DOHC Auris, Verso	86.00	2.00	3.05	226 BF CR DI	**2C7465**	1 Cyl.	STD
	2231		2005-On	2AD-FTV Diesel DOHC		1.50	3.07	218 TF PC DI			
						2.00	2.87	248 CF CR			
								881 2PCO			
	2164	4	1992-98	Camry, 4 Cyl., 16 Valve, 5SFE, DOHC	87.00	1.50	3.61	335 T PM DI	**2M4207**	4 Cyl.	STD
						1.50	3.63	102 T PC GI	**2M4207010**		0.25
						4.00	3.43	058 FV CR	**2M4207020**		0.50
								732 FV CR	**2M4207030**		0.75
									2M4207040		1.00
									2M4207060		1.50
								398 BF CR S	**2N4207**		STD
								126 RVT PC GI			
								672 FV GN			
								708 FV GN			
	2164	4	1990-94	5SFE	87.00	1.50	3.33	032 BF PC GI	**4686**	4 Cyl.	STD
						1.50	3.33	126 RVT PC GI	**4686020**		0.50
						3.00	2.67	997 FV CR			
								732 FV CR			
								335 T PM DI	**2M4686**		STD
								126 RVT PC GI	**2M4686020**		0.50
								997 FV CR	**2M4686030**		0.75
								732 FV CR	**2M4686040**		1.00
	2164	4	1999-02	5SFE	87.00	1.20	3.12	398 BF CR S	**2C5006**	4 Cyl.	STD
						1.20	3.35	610 RVT PC GI	**2C5006010**		0.25
						3.00	2.67	997 FV CR	**2C5006020**		0.50
								732 FV CR	**2C5006030**		0.75
									2C5006040		1.00
									2C5006060		1.50
								398 BF CR S	**2N5006**		STD
								435 SCRP PC GI	**2N500625**		0.25
								672 FV GN			
								708 FV GN			
	2507	6	1988-91	Eng, 2VZFE	87.50	1.50	3.25	335 T PM DI	**2M4676**	6 Cyl.	STD
						1.50	3.28	126 RVT PC GI	**2M4676020**		0.50
						3.00	2.67	997 FV CR	**2M4676030**		0.75
								732 FV CR	**2M4676040**		1.00
	3969	8	1991-97	LS400, SC400, 1UZFE	87.50	1.50	3.25	335 T PM DI	**2M4678**	8 Cyl.	STD
						1.50	3.28	126 RVT PC GI	**2M4678020**		0.50
						3.00	2.67	997 FV CR	**2M4678030**		0.75
								732 FV CR	**2M4678040**		1.00

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
TOYOTA											
	2959	6	1988-95	3VZE	87.50	1.50	3.25	032 BF PC GI	**4689**	6 Cyl.	STD
						1.50	3.28	126 RVT PC GI	**4689020**		0.50
						4.00	2.92	856 FV CR	**4689030**		0.75
								732 FV CR	**4689040**		1.00
								397 BF PM S	**2M4689**		STD
								126 RVT PC GI	**2M4689010**		0.25
								856 FV CR	**2M4689020**		0.50
								732 FV CR	**2M4689030**		0.75
									2M4689040		1.00
								322 BF GN SS	**2N4689**		STD
								126 RVT PC GI			
								672 FV GN			
								708 FV GN			
	2995	6	1994-06	1MZFE DOHC	87.50	1.20	3.33	398 BF CR S	**2C4902**	6 Cyl.	STD
						1.20	3.33	126 RVT PC GI	**2C4902010**		0.25
						3.00	2.67	997 FV CR	**2C4902020**		0.50
								732 FV CR	**2C4902030**		0.75
									2C4902040		1.00
								398 BF CR S	**2N4902**		STD
								126 RVT PC GI			
								672 FV GN			
								708 FV GN			
	1994	4	1967-78	5R, RS50 Crown 2000	88.00	2.00	4.14	032 BF PC GI	**6854**	4 Cyl.	STD
						2.50	4.17	401 SCRP PC GI	**6854020**		0.50
						4.00	4.24	056 FV CR	**6854030**		0.75
								732 FV CR	**6854040**		1.00
									6854060		1.50
								362 BF 3CR GI	**2C6854**		STD
								401 SCRP PC GI	**2C6854020**		0.50
								056 FV CR	**2C6854030**		0.75
								732 FV CR	**2C6854040**		1.00
									2C6854060		1.50
	2398	4	2001-07	2AZFE L4 DOHC Camry, Highlander, Solara	88.50	1.20	2.92	398 BF CR S	**2C5090**	4 Cyl.	STD
						1.20	3.68	610 RVT PC GI	**2C5090010**		0.25
						2.00	2.79	991 FV CR	**2C5090020**		0.50
								005 FV CR	**2C5090030**		0.75
									2C5090040		1.00
								398 BF CR S	**2N5090**		STD
								435 SCRP PC GI	**2N509025**		0.25
								672 FV GN	**2N509050**		0.50
								708 FV GN			
	2362	4	2007-12	2AZFE L4 DOHC Corolla, Camry, Matrix, Cion XB	88.50	1.00	2.92	398 BF CR S	**2C5267**	4 Cyl.	STD
						1.00	3.02	123 RVT PC DI	**2C5267020**		0.50
						2.00	2.79	991 FV CR	**2C5267030**		0.75
								005 FV CR	**2C5267040**		1.00
	1968	4	1971-75	, Hi-Lux Pickup, 18R Shallow Oil Ring Groove, Art Piston .156 Depth	88.50	2.00	3.63	032 BF PC GI	**5623**	4 Cyl.	STD
	2000		1972-75	Corona MK II, 18RC Shallow Oil Ring Groove, Art Piston .156 Depth		2.50	4.22	401 SCRP PC GI	**5623010**		0.25
	2189		1975-80	Celica, Corona, Hi-Lux Pickup, 2.2 Litre 20R Shallow Oil Ring Groove, Art Piston .156 Depth		4.00	3.81	056 FV CR	**5623020**		0.50
			1973-74	Corona MK II 2600, 16R 2.6 Litre Shallow Oil Ring Groove, Art Piston .156 Depth				732 FV CR	**5623030**		0.75
									5623040		1.00
								362 BF 3CR GI	**2C5623**		STD
								401 SCRP PC GI	**2C5623010**		0.25
								056 FV CR	**2C5623020**		0.50
								732 FV CR	**2C5623030**		0.75
									2C5623040		1.00

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
TOYOTA											
	1968	4	1972-74	Hi-Lux Pickup, 18R Reg. Depth Oil Ring Groove	88.50	2.00	3.63	032 BF PC GI	**6886**	4 Cyl.	STD
	2000		1972-75	Corona Mark II Celica, 18RC Reg. Depth Oil Ring Groove		2.50	4.22	401 SCRP PC GI	**6886020**		0.50
	2189		1975-80	Celica, Corona, Hi-Lux Pickup, 20R Reg. Depth Oil Ring Groove		4.00	4.88	860 FV CR	**6886030**		0.75
			1973-74	Corona MK II 2600, 16R Reg. Depth Oil Ring Groove				732 FV CR	**6886040**		1.00
								362 BF 3CR GI	**2C6886**		STD
								401 SCRP PC GI	**2C6886020**		0.50
								860 FV CR	**2C6886030**		0.75
								732 FV CR	**2C6886040**		1.00
	2494	4	2009-12	2ARFE DOHC VVT-i Camry, RAV4	90.00	1.00	3.33	398 BF CR S	**2C4132**	4 Cyl.	STD
	2672		2009-12	1ARFE DOHC Highlander, Venza		1.00	3.35	123 RVT PC DI	**2C4132020**		0.50
						2.00	2.79	991 FV CR	**2C4132030**		0.75
								005 FV CR			
	3878	6	1972-74	Landcruiser, F	90.00	2.00	3.99	032 BF PC GI	**4229**	6 Cyl.	STD
						2.50	4.01	126 RVT PC GI	**4229020**		0.50
						4.00	1.27	860 FV CR			
						4.00	4.01	732 FV CR			
								501 1PCO PC GI			
								362 BF 3CR GI	**2C4229**		STD
								126 RVT PC GI	**2C4229020**		0.50
								860 FV CR			
								732 FV CR			
								501 1PCO PC GI			
	2188	4	1981	, L	90.00	2.50	4.24	376 BF CR DI	**2D5643**	4 Cyl.	STD
						2.00	4.01	126 RVT PC GI	**2D564350**		0.50
						4.00	4.29	553 CF CR GI	**2D564375**		0.75
								881 2PCO	**2D5643100**		1.00
	2188	4	1981-83	Diesel, LN40	90.00	2.00	3.99	370 HKST 3CR GI	**2D5660**	4 Cyl.	STD
						2.00	4.01	126 RVT PC GI	**2D566050**		0.50
						4.00	3.94	056 FV CR	**2D566075**		0.75
								732 FV CR	**2D5660100**		1.00
	2237	4	1985-90	4Y, Hiace	91.00	1.50	3.43	032 BF PC GI	**4480**	4 Cyl.	STD
						1.50	4.06	126 RVT PC GI	**4480010**		0.25
						4.00	3.43	870 FV CR	**4480020**		0.50
								732 FV CR	**4480030**		0.75
									4480040		1.00
									4480060		1.50
								362 BF 3CR GI	**2C4480**		STD
								126 RVT PC GI	**2C4480010**		0.25
								870 FV CR	**2C4480020**		0.50
								732 FV CR	**2C4480030**		0.75
									2C4480040		1.00
									2C4480060		1.50
	2366	4	1985-95	, 22R, 22RE, 22RGC, 22RTEC	92.00	1.50	3.48	032 BF PC GI	**4216**	4 Cyl.	STD
						1.50	4.09	401 SCRP PC GI	**4216010**		0.25
						4.00	3.43	870 FV CR	**4216020**		0.50
								732 FV CR	**4216030**		0.75
									4216040		1.00
									4216060		1.50
								363 BF CR GI	**2C4216**		STD
								401 SCRP PC GI	**2C4216010**		0.25
								870 FV CR	**2C4216020**		0.50
								732 FV CR	**2C4216030**		0.75
									2C4216040		1.00
								335 T PM DI	**2M4216**		STD
								401 SCRP PC GI	**2M4216010**		0.25
								870 FV CR	**2M4216020**		0.50
								732 FV CR	**2M4216030**		0.75
									2M4216040		1.00
									2M4216060		1.50
								398 BF CR S	**2N4216**		STD
								126 RVT PC GI	**2N421625**		0.25
								672 FV GN	**2N421650**		0.50
								708 FV GN	**2N421675**		0.75
								708 FV GN	**2N4216100**		1.00

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
TOYOTA											
	2446	4	1985-87	Diesel, 2LT, 2LTE	92.00	2.00	3.84	370 HKST 3CR GI	**2D4225**	4 Cyl.	STD
						2.00	3.68	126 RVT PC GI	**2D422525**		0.25
						4.00	4.24	204 CF CR DI	**2D422550**		0.50
								881 2PCO	**2D422575**		0.75
									2D4225100		1.00
	3310	6	2003-10	3MZFE Highlander, Sienna, Solara	92.00	1.20	3.33	398 BF CR S	**2C5183**	6 Cyl.	STD
						1.20	3.81	610 RVT PC GI	**2C5183020**		0.50
						3.00	2.67	997 FV CR	**2C5183030**		0.75
								732 FV CR	**2C5183040**		1.00
	2366	4	1981-84	Celica, 22R, 22REC, 43L	92.00	2.00	4.32	032 BF PC GI	**5645**	4 Cyl.	STD
						2.50	4.34	126 RVT PC GI	**5645010**		0.25
						4.00	3.43	870 FV CR	**5645020**		0.50
								732 FV CR	**5645030**		0.75
									5645040		1.00
									5645060		1.50
								362 BF 3CR GI	**2C5645**		STD
								126 RVT PC GI	**2C5645010**		0.25
								870 FV CR	**2C5645020**		0.50
								732 FV CR	**2C5645030**		0.75
									2C5645040		1.00
									2C5645060		1.50
								327 BF PM GI	**2M5645**		STD
								126 RVT PC GI	**2M5645010**		0.25
								870 FV CR	**2M5645020**		0.50
								732 FV CR	**2M5645030**		0.75
									2M5645040		1.00
									2M5645060		1.50
	2446		1977-06	Turbo Diesel 2L, 2L-T 2L-TE	92.00	2.00	3.58	232 HKST CR DI	**2C7356**	1 Cyl.	STD
						2.00	4.04	218 TF PC DI			
						4.00	4.24	204 CF CR DI			
								881 2PCO			
	3378	6	1995-04	5VZFE	93.50	1.50	3.51	032 BF PC GI	**4911**	6 Cyl.	STD
						1.50	3.84	126 RVT PC GI	**4911020**		0.50
						4.00	3.18	052 FV CR	**4911030**		0.75
								732 FV CR	**4911040**		1.00
								363 BF CR GI	**2C4911**		STD
								126 RVT PC GI	**2C4911020**		0.50
								052 FV CR	**2C4911030**		0.75
								732 FV CR	**2C4911040**		1.00
								322 BF GN SS	**2N4911**		STD
								126 RVT PC GI	**2N491150**		0.50
								672 FV GN			
								708 FV GN			
	3456	6	2005-12	2GRFE Vin: W	94.00	1.20	3.12	398 BF CR S	**2C4511**	6 Cyl.	STD
						1.20	3.35	610 RVT PC GI	**2C4511020**		0.50
						2.00	3.05	991 FV CR	**2C4511030**		0.75
								005 FV CR	**2C4511040**		1.00
	4663	8	2005-10	2UZFE DOHC V8	94.00	1.20	3.12	398 BF CR S	**2C4566**	8 Cyl.	STD
						1.20	3.35	610 RVT PC GI	**2C4566020**		0.50
						3.00	2.79	997 FV CR	**2C4566030**		0.75
								732 FV CR	**2C4566040**		1.00
	4608	8	2009-13	1URFE DOHC Sequoia, Tundra	94.00	1.20	3.53	398 BF CR S	**2C4586**	8 Cyl.	STD
	5663		2007-13	3URFE DOHC Land Crusier, Sequoia, Tundra		1.20	3.35	610 RVT PC GI	**2C4586010**		0.25
						2.00	3.05	991 FV CR	**2C4586020**		0.50
								005 FV CR	**2C4586030**		0.75
									2C4586040		1.00
	3995	6	1986-90	Landcruiser, 3F	94.00	1.50	3.51	032 BF PC GI	**4612**	6 Cyl.	STD
						1.50	3.84	126 RVT PC GI	**4612020**		0.50
						4.00	3.68	870 FV CR	**4612040**		1.00
								732 FV CR			
								363 BF CR GI	**2C4612**		STD
	3995		1986-90					126 RVT PC GI	**2C4612020**		0.50
								870 FV CR	**2C4612030**		0.75
								732 FV CR	**2C4612040**		1.00
									2C4612060		1.50

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
TOYOTA											
	3955	6	1988-92	3FE	94.00	2.00	3.51	363 BF CR GI	**2C4688**	6 Cyl.	STD
						2.00	4.14	126 RVT PC GI	**2C4688010**		0.25
						4.00	3.30	870 FV CR	**2C4688020**		0.50
								732 FV CR	**2C4688030**		0.75
									2C4688040		1.00
	4663	8	1999-04	2UZFE DOHC Landcruiser, Tundra, 4Runner	94.00	1.50	3.45	335 T PM DI	**2M5017**	8 Cyl.	STD
						1.50	3.84	126 RVT PC GI	**2M5017010**		0.25
						4.00	2.92	856 FV CR	**2M5017020**		0.50
								732 FV CR	**2M5017030**		0.75
									2M5017040		1.00
	3955	6	2003-13	1GRFE DOHC Tacoma, Tundra	94.00	1.20	3.53	398 BF CR S	**2C5151**	6 Cyl.	STD
						1.20	3.35	610 RVT PC GI	**2C5151020**		0.50
						2.00	3.05	991 FV CR	**2C5151030**		0.75
								005 FV CR	**2C5151040**		1.00
	4230	6	1974-87	Landcruiser, 2F	94.00	2.00	4.11	032 BF PC GI	**5462**	6 Cyl.	STD
						2.50	4.45	126 RVT PC GI	**5462010**		0.25
						4.00	4.50	860 FV CR	**5462020**		0.50
								732 FV CR	**5462030**		0.75
									5462040		1.00
									5462060		1.50
								362 BF 3CR GI	**2C5462**		STD
								126 RVT PC GI	**2C5462010**		0.25
								860 FV CR	**2C5462020**		0.50
								732 FV CR	**2C5462030**		0.75
									2C5462040		1.00
									2C5462060		1.50
								327 BF PM GI	**2M5462**		STD
								126 RVT PC GI	**2M5462010**		0.25
								860 FV CR	**2M5462020**		0.50
								732 FV CR	**2M5462030**		0.75
									2M5462040		1.00
									2M5462060		1.50
	2438	4	1990-97	Eng, 2TZFE, 2TZFZE	95.00	1.75	4.17	032 BF PC GI	**4687**	4 Cyl.	STD
						1.50	3.73	126 RVT PC GI	**4687020**		0.50
						4.00	3.56	870 FV CR	**4687040**		1.00
								732 FV CR			
								363 BF CR GI	**2C4687**		STD
								126 RVT PC GI	**2C4687020**		0.50
								870 FV CR	**2C4687030**		0.75
								732 FV CR	**2C4687040**		1.00
	2438	4	1995-97	Eng, 2RZFE	95.00	1.50	3.56	362 BF 3CR GI	**2C4908**	4 Cyl.	STD
	2693		1995-08	, 3RZFE		1.50	3.73	126 RVT PC GI	**2C4908010**		0.25
						4.00	3.30	870 FV CR	**2C4908020**		0.50
								732 FV CR	**2C4908030**		0.75
									2C4908040		1.00
								322 BF GN SS	**2N4908**		STD
								126 RVT PC GI	**2N490825**		0.25
								672 FV GN	**2N490850**		0.50
								708 FV GN			
	2438	4	1998-04	Eng, 2RZFE Shallow Oil Ring Groove	95.00	1.50	3.56	032 BF PC GI	**4999**	4 Cyl.	STD
	2693		1999-04	, 3RZFE, DOHC Shallow Oil Ring Groove		1.50	3.73	126 RVT PC GI	**4999020**		0.50
						4.00	2.92	856 FV CR	**4999040**		1.00
								732 FV CR			
								335 T PM DI	**2M4999**		STD
								126 RVT PC GI	**2M4999020**		0.50
								856 FV CR	**2M4999030**		0.75
								732 FV CR	**2M4999040**		1.00
	2693	4	2006-13	2TRFE, Hiace	95.00	1.20	3.12	398 BF CR S	**2C5261**	4 Cyl.	STD
						1.20	3.35	610 RVT PC GI	**2C5261010**		0.25
						2.00	2.92	991 FV CR	**2C5261020**		0.50
								005 FV CR	**2C5261030**		0.75
									2C5261040		1.00

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
TOYOTA											
	2982	4		Diesel 1KD-FTV, 1KZ-T, 1KZ-TE Hi Lux, Tocoma D4-D	96.00	2.00	3.58	370 HKST 3CR GI	**2D4583**	4 Cyl.	STD
						1.50	3.73	126 RVT PC GI	**2D458350**		0.50
						3.00	2.82	990 FV CR			
								732 FV CR			
	2779	4		Diesel KZTE Hi-Lux Landcruiser, 3L	96.00	2.00	3.58	370 HKST 3CR GI	**2C4710**	4 Cyl.	STD
						2.00	4.22	126 RVT PC GI	**2C4710020**		0.50
						4.00	5.31	553 CF CR GI	**2C4710040**		1.00
								881 2PCO			
	2982		2000-06	Turbo Diesel 1KD-FTV DOHC	96.00	2.00	3.45	232 HKST CR DI	**2C7330**	1 Cyl.	STD
						1.50	3.48	218 TF PC DI			
						3.00	2.54	204 CF CR DI			
	3000	4		Diesel 5L Hi-Ace	99.50	2.00	4.22	370 HKST 3CR GI	**2C5054**	4 Cyl.	STD
						1.50	4.24	126 RVT PC GI	**2C5054020**		0.50
						4.00	5.31	553 CF CR GI	**2C5054040**		1.00
								881 2PCO			
	4476	6	1994-97	1FZFE	100.00	1.75	3.96	032 BF PC GI	**4776**	6 Cyl.	STD
						2.00	3.99	126 RVT PC GI	**4776020**		0.50
						4.00	3.18	052 FV CR	**4776030**		0.75
								732 FV CR	**4776040**		1.00
								363 BF CR GI	**2C4776**		STD
								126 RVT PC GI	**2C4776010**		0.25
								052 FV CR	**2C4776020**		0.50
								732 FV CR	**2C4776030**		0.75
									2C4776040		1.00
TRIUMPH											
	250				67.00	1.60	2.77	102 T PC GI	**6942**		STD
	750			3 Cyl.		1.60	2.79	102 T PC GI	**6942040**		1.00
						3.18	2.95	501 1PCO PC GI			
								826 2PCO			
			1967-70					362 BF 3CR GI	**2C6942**		STD
			1969-75					102 T PC GI	**2C6942040**		1.00
								501 1PCO PC GI			
								826 2PCO			
	650		1966-75	650cc	71.00	1.60	2.72	102 T PC GI	**6938**	2 Cyl.	STD
						1.60	2.74	102 T PC GI	**6938040**		1.00
						3.18	2.74	501 1PCO PC GI			
								362 BF 3CR GI	**2C6938**		STD
								102 T PC GI	**2C6938020**		0.50
								501 1PCO PC GI	**2C6938080**		2.00
	1296	4	1967-72	1300TC & Spitfire Mark III	73.66	1.60	3.20	102 T PC GI	**6840**	4 Cyl.	STD
	1296		1966-68	1300, 13/60 OHV		1.60	3.23	401 SCRP PC GI	**6840010**		0.25
	1493		1973-80	Spitfire Mark IV		4.00	3.56	058 FV CR	**6840020**		0.50
								732 FV CR	**6840030**		0.75
									6840040		1.00
									6840060		1.50
								362 BF 3CR GI	**2C6840**		STD
								401 SCRP PC GI	**2C6840020**		0.50
								058 FV CR	**2C6840030**		0.75
								732 FV CR	**2C6840040**		1.00
	2498	6	1969-76	TR6	74.68	1.60	3.20	102 T PC GI	**6817**	6 Cyl.	STD
	2498		1968-69	TR250		1.60	3.23	401 SCRP PC GI	**6817020**		0.50
						4.00	4.11	056 FV CR			
								732 FV CR			
								362 BF 3CR GI	**2C6817**		STD
								401 SCRP PC GI			
								056 FV CR			
								732 FV CR			
				TR7, T140	76.01	1.60	3.20	102 T PC GI	**5119**	2 Cyl.	STD
						1.60	3.23	102 T PC GI	**5119020**		0.50
						3.18	3.23	501 1PCO PC GI	**5119040**		1.00
									5119060		1.50

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
TRIUMPH											
	2138	4	1962-69	TR4, TR4A	86.00	1.60	3.43	102 T PC GI	**6735**	4 Cyl.	STD
						1.60	3.45	102 T PC GI	**6735040**		1.00
						4.00	3.68	058 FV CR			
								732 FV CR			
								362 BF 3CR GI	**2C6735**		STD
								102 T PC GI	**2C6735040**		1.00
								058 FV CR			
								732 FV CR			
	3522	8	1979-On	TR8	88.90	1.60	4.19	032 BF PC GI	**4289**	8 Cyl.	STD
						1.60	4.22	126 RVT PC GI	**4289020**		0.50
						4.75	1.27	860 FV CR	**4289030**		0.75
								732 FV CR			
								362 BF 3CR GI	**2C4289**		STD
								126 RVT PC GI	**2C4289020**		0.50
								860 FV CR	**2C4289030**		0.75
								732 FV CR			
	1998	4	1975-80	TR7	90.30	1.75	4.01	362 BF 3CR GI	**2C4443**	4 Cyl.	STD
						1.75	4.04	126 RVT PC GI	**2C4443020**		0.50
						4.00	4.50	860 FV CR			
								732 FV CR			
UNIVERSAL											
		4		UJ Atomic 4	65.09	2.25	3.05	102 T PC GI	**6520**	4 Cyl.	STD
						2.25	3.30	401 SCRP PC GI			
						4.00	1.85	501 1PCO PC GI			
								826 2PCO			
URAL											
				Tourist, Sportsman, Cruiser, Classic	78.00	1.50	3.35	362 BF 3CR GI	**2C4961**	2 Cyl.	STD
						1.50	3.38	126 RVT PC GI	**2C4961010**		0.25
						4.00	3.30	058 FV CR	**2C4961020**		0.50
								732 FV CR	**2C4961030**		0.75
									2C4961040		1.00
UTIMOTOR											
				U1R6, U2R6, U23, U23R6, U100, U109, U200	57.15	2.25	2.67	102 T PC GI	**6069**	1 Cyl.	STD
						2.25	2.69	102 T PC GI			
						4.00	2.69	501 1PCO PC GI			
VAUXHALL											
	1248		2004-10	Turbo Diesel Y13DT	69.60	2.00	3.05	205 BF CR DI	**2D7101**	1 Cyl.	STD
						1.50	3.07	206 TF PC DI	**2D710140**	1 Cyl.	0.40
						2.00	2.90	248 CF CR	**2D710160**	1 Cyl.	0.60
								881 2PCO			
Z12XE, X12XE	1199		1998-00	ASTRA, AGILA, CORSA	72.50	1.20	3.12	398 BF CR S	**2C5675**	1 Cyl.	STD
X10XE, Z10XE	973		1996-00	AGILA, CORSA		1.50	3.07	126 RVT PC GI	**2C567550**		0.50
						2.00	2.92	990 FV CR			
								732 FV CR			
								322 BF GN SS	**2N5675**		STD
								126 RVT PC GI	**2N567525**		0.25
								990 FV CR	**2N567550**		0.50
								732 FV CR			
	1870		1998-06	Diesel SOHC F8Q 600, 606	80.00	2.00	3.51	219 BF PM DI	**2M5860**	1 Cyl.	STD
						2.00	3.53	209 RVT PC DI			
						3.00	3.68	204 CF CR DI			
								881 2PCO			
	1300	4	1970-On	Viva HC	80.96	2.00	3.58	032 BF PC GI	**4417**	4 Cyl.	STD
						2.00	3.86	126 RVT PC GI	**4417040**		1.00
						4.75	1.27	860 FV CR			
								732 FV CR			
								362 BF 3CR GI	**2C4417**		STD
								126 RVT PC GI	**2C4417020**		0.50
								860 FV CR	**2C4417030**		0.75
								732 FV CR			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
VAUXHALL											
Z 19 DTH, Z 19 DTJ	1910		2004-11	CDTI DIESEL, ASTRA, SIGNUM, VECTRA, ZAFIRA,	82.00			205 BF CR DI	**2D7366**		STD
								214 RVL PC DI 248 CF CR 881 2PCO			
	1995		1995-08	Turbo Diesel SOHC Y20DTH	84.00	1.75	3.66	205 BF CR DI	**2D7167**	1 Cyl.	STD
			1997-08	2172CC Turob Diesel SOHC X22DTH, Y22DTH, Y22DTR		1.75 3.00	3.68 3.68	218 TF PC DI 204 CF CR DI 881 2PCO			
	1995		1998-06	Turbo Diesel SOHC X20DTL, Y20DTL	84.00	2.00	3.66	205 BF CR DI	**2D7290**	1 Cyl.	STD
						1.75 3.00	3.68 3.68	218 TF PC DI 204 CF CR DI 881 2PCO			
	1995		2006-On	Turbo Diesel M9R	84.00	2.50	3.51	211 HKST CC DI	**2D7343**	1 Cyl.	STD
						2.00 2.00	3.43 2.87	210 SCRP TF PC DI 248 CF CR 881 2PCO	**2D734350**		0.50
	1995		1995-05	Turbo Diesel SOHC X20DTH w/Keystone top grv.	84.00	2.50	3.66	241 FKST CC DI	**2D7376**	1 Cyl.	STD
						1.75 3.00	3.68 3.68	218 TF PC DI 204 CF CR DI 881 2PCO			
97.5 cu. in.		4	1968-70	OHC	85.73	2.00	4.04	032 BF PC GI	**6874**	4 Cyl.	STD
						2.00 4.75	4.06 4.39	401 SCRP PC GI 860 FV CR 732 FV CR			
								362 BF 3CR GI	**2C6874**		STD
								401 SCRP PC GI 860 FV CR 732 FV CR			
	2188		2000-10	Turbo Diesel G9T 720, 722, 750	87.00	3.00	3.81	228 HKST PM DI	**2M7349**	1 Cyl.	STD
						1.75 2.50	3.84 3.33	209 RVT PC DI 204 CF CR DI 881 2PCO			
	2464		2003-06	Turbo Diesel G9U 630	89.00	3.00	3.86	228 HKST PM DI	**2M7328**	1 Cyl.	STD
						1.75 2.50	3.89 3.33	218 TF PC DI 204 CF CR DI 881 2PCO			
25TDS (VM41B)	2499	4	1996-98	2.5L TDS Turbo Diesel Frontera	92.00	2.50	4.01	225 FKST CR DI	**2C7458**	1 Cyl.	STD
						2.00 4.00	4.04 4.24	210 SCRP TF PC DI 204 CF CR DI 881 2PCO			
	2499		1989-97	Diesel 4JA1 Chrome Sleeves use 7384 only	93.00	2.00	4.06	252 BF PC GI	**7384**	1 Cyl.	STD
						2.00 4.00	4.09 4.19	218 TF PC DI 200 CF PC GI 881 2PCO			
								217 BF CR DI	**2C7384**		STD
								218 TF PC DI 204 CF CR DI 881 2PCO			
	2799		1998-01	Turbo Diesel S9W 700 S9W 702	94.40	3.00	4.06	225 FKST CR DI	**2C7353**	1 Cyl.	STD
						2.00 3.00	4.09 3.78	209 RVT PC DI 204 CF CR DI 881 2PCO			
	2799		1998-01	Turbo Diesel S9W 700 S9W 702	94.40	2.50	4.06	233 FKST PM DI	**2M7450**	1 Cyl.	STD
						2.00 2.50	4.09 3.33	210 SCRP TF PC DI 204 CF CR DI 881 2PCO			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
VAUXHALL											
120.5 cu. in.		4	1970-71	OHC	95.25	2.00	4.47	032 BF PC GI	**6873**	4 Cyl.	STD
						2.00	4.50	126 RVT PC GI	**6873010**		0.25
						4.75	4.88	860 FV CR	**6873020**		0.50
								732 FV CR	**6873030**		0.75
								362 BF 3CR GI	**2C6873**		STD
								126 RVT PC GI 860 FV CR 732 FV CR			
VM											
HR92-1	598			DIESEL ENGINE	92.00	2.50	4.01	225 FKST CR DI	**2C7458**	1 Cyl.	STD
HR92-2	1196			DIESEL ENGINE		2.00	4.04	210 SCRP TF PC DI			
3	1794			DIESEL ENGINE		4.00	4.24	204 CF CR DI			
4	2392	4		DIESEL ENGINE				881 2PCO			
5	2990	5		DIESEL ENGINE							
6	3588	6		DIESEL ENGINE							
VM392HT	1779			1.8L TURBO DIESEL							
VM392HT	1779			1.8L TURBO DIESEL							
VM492HT, VM81A	2393	4		2.4L TURBO DIESEL							
HR492HTI	2500	4		2.5L TURBO DIESEL							
					94.00	3.00	4.06	225 FKST CR DI	**2C7362**	1 Cyl.	STD
						2.00	4.09	210 SCRP TF PC DI			
						4.00	4.19	204 CF CR DI			
								881 2PCO			
VOLKSWAGEN											
EA111	999	4	1996-On	RSH, Lupo, Polo	67.10	1.20	2.92	398 BF CR S	**2C4808**	4 Cyl.	STD
						1.50	2.97	401 SCRP PC GI	**2C4808020**		0.50
						2.00	3.18	986 FV CR	**2C4808040**		1.00
								732 FV CR			
	999	4	2000-On	Fox, GOL, Paraty, Saveiro	67.10	1.00	2.44	398 BF CR S	**2C5207**	4 Cyl.	STD
						1.00	2.87	123 RVT PC DI	**2C5207020**		0.50
						1.50	2.34	981 FV CR			
								005 FV CR			
HA	895	4	1975-82	0.9L Polo, Derby	69.50	1.75	3.25	362 BF 3CR GI	**2C4484**	4 Cyl.	STD
FA, FJ, GG	1093	4	1974-84	1.1L Golf, Jetta, Scirocco		2.50	3.28	401 SCRP PC GI			
HB, HC, HD	1093	4	1975-90	1.1L Derby, Golf, Polo		4.00	3.81	055 FV CR			
								732 FV CR			
HA	895	4	1975-82	0.9L Polo, Derby	69.50	1.75	3.25	032 BF PC GI	**6192**	4 Cyl.	STD
FA, FJ, GG	1093	4	1974-84	1.1L Golf, Jetta, Scirocco		2.00	3.28	401 SCRP PC GI	**6192020**		0.50
HB, HC, HD	1093	4	1975-90	1.1L Derby, Golf, Polo		4.00	3.81	055 FV CR	**6192040**		1.00
								732 FV CR			
								362 BF 3CR GI	**2C6192**		STD
								401 SCRP PC GI	**2C6192010**		0.25
								055 FV CR	**2C6192020**		0.50
								732 FV CR	**2C6192030**		0.75
									2C6192040		1.00
	1000	4		Gol Fits Brazilian Mahle Piston	70.30	1.50	3.25	362 BF 3CR GI	**2C4273**	4 Cyl.	STD
						1.50	3.28	126 RVT PC GI			
						3.00	2.92	996 FV CR			
								732 FV CR			
EA211, CHYA, CHYB					74.50	1.00	2.84	322 BF GN SS	**2N5672**	3 Cyl.	STD
						1.20	2.97	126 RVT PC GI			
						2.00	2.92	993 FV CR			
								732 FV CR			
AAU	1043	4	1990-On		75.00	1.50	2.95	032 BF PC GI	**5021**	4 Cyl.	STD
3F	1272		1989-On			1.50	3.23	401 SCRP PC GI			
ABD	1391		1991-On	Golf, CL/GI, Polo, CL/GT, Vento CL/GL		2.50	2.79	995 FV CR			
								732 FV CR			
								363 BF CR GI	**2C5021**		STD
								401 SCRP PC GI	**2C5021010**		0.25
								995 FV CR	**2C5021020**		0.50
								732 FV CR	**2C5021030**		0.75
									2C5021040		1.00

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
VOLKSWAGEN											
AAK, ACM, GL, GN, HZ,	1043	4	1981-94	1.0L Derby, Golf, Polo	75.00	1.75	3.45	362 BF 3CR GI	**2C5086**	4 Cyl.	STD
2C, 2G, AAV, GK, HK, HW, MH, NU, NZ,	1272	4	1982-95	1.3L Derby, Golf, Jetta, Pollo		2.00	3.48	401 SCRP PC GI	**2C5086020**		0.50
PY						3.00	3.18	054 FV CR	**2C5086040**		1.00
								732 FV CR			
056	1471	4	1973-76	1.5L Dasher, Rabbit, Scirocco	76.50	2.00	3.45	032 BF PC GI	**4282**	4 Cyl.	STD
	1600		1974-76	Rabbit, Scirocco, PS, 9, 7:1		2.50	3.48	126 RVT PC GI	**4282020**		0.50
				VW-Passat, LS, TS Passat-Variant-S, DTO		4.00	3.94	056 FV CR	**4282030**		0.75
				USA-Ausfuhrung,Mit Verdichtung 8, 1:1				732 FV CR	**4282040**		1.00
								363 BF CR GI	**2C4282**		STD
								126 RVT PC GI	**2C4282010**		0.25
								056 FV CR	**2C4282020**		0.50
								732 FV CR	**2C4282030**		0.75
									2C4282040		1.00
TR6	2383	6	1978-80	Diesel	76.50	1.75	3.45	362 BF 3CR GI	**2D4472**	6 Cyl.	STD
						2.00	3.48	401 SCRP PC GI	**2D447225**		0.25
						3.00	3.68	204 CF CR DI	**2D447250**		0.50
								881 2PCO	**2D447275**		0.75
									2D4472100		1.00
CK, 068	1417	4	1976-80	1.5L DIESEL Golf, Jetta, Passat	76.50	1.75	3.45	102 T PC GI	**4487**	4 Cyl.	STD
068, 1V, CR, CS, JK, JP, ME	1588	4	1979-93	1.6L DIESEL Golf, Jetta, Passat, Santana,		2.00	3.48	401 SCRP PC GI	**4487010**		0.25
068		4	1980-84	1.6L DIESEL PICK UP, Vanagon		3.00	3.56	054 FV CR	**4487020**		0.50
				INLUDES TURBO				732 FV CR	**4487030**		0.75
									4487040		1.00
								362 BF 3CR GI	**2D4487**	4 Cyl.	STD
								401 SCRP PC GI	**2D448725**		0.25
								204 CF CR DI	**2D448750**		0.50
								881 2PCO	**2D448775**		0.75
									2D4487100		1.00
CN	1986	5	1978-90	2.0L DIESEL	76.50	1.75	3.45	362 BF 3CR GI	**2D4498**	5 Cyl.	STD
						2.00	3.48	401 SCRP PC GI	**2D449825**		0.25
						3.00	3.68	204 CF CR DI	**2D449850**		0.50
								881 2PCO	**2D449875**		0.75
									2D4498100		1.00
		4	1976-On	Dasher D, Golf D, Jetta D, Passat D, Santana D, LT28-55D6, 1.5L, 1.6L	76.50	1.75	3.07	032 BF PC GI	**4832**	4 Cyl.	STD
				Fits Brazilian Mahle Piston		2.00	3.23	401 SCRP PC GI	**4832020**		0.50
						3.00	3.56	054 FV CR			
								732 FV CR			
								363 BF CR GI	**2C4832**		STD
								401 SCRP PC GI	**2C4832040**		1.00
								054 FV CR			
								732 FV CR			
	1588	4	1993-On	Golf, CL/GL/L	76.50	1.50	3.45	362 BF 3CR GI	**2C5022**	4 Cyl.	STD
						1.50	3.23	401 SCRP PC GI	**2C5022020**		0.50
						2.50	2.79	995 FV CR	**2C5022030**		0.75
								732 FV CR	**2C5022040**		1.00
AEX, AKV, APQ	1390	4	1995-On		76.50	1.20	2.92	398 BF CR S	**2C5177**	4 Cyl.	STD
AEA, AEE, AUS, AZD	1595		1995-01	Golf		1.50	3.23	401 SCRP PC GI	**2C5177010**		0.25
						2.50	2.79	995 FV CR	**2C5177020**		0.50
								732 FV CR	**2C5177030**		0.75
AGY SA	1423	4	1996-On	Polo	76.50	1.20	3.33	398 BF CR S	**2C5294**	4 Cyl.	STD
						1.50	3.23	401 SCRP PC GI	**2C5294020**		0.50
						2.50	2.79	995 FV CR	**2C5294040**		1.00
								732 FV CR			
CTHE, CTHA, CNWB, CNWA, CAVE, CAVD,	1396	4	2003-12	1.4L TSI TURBO & SUPERCHARGED	76.50	1.20	3.33	398 BF CR S	**2C5391**	4 Cyl.	STD
CAVC, CAVB, CAVA, BWK, BMY, BLG	1396	4	2003-12	Golf, Jetta, Touran, Tiguan,		1.50	3.48	126 RVT PC GI	**2C5391020**		0.50
				Sharan, Beetle, Eos, Scirocco, Polo		2.00	2.92	993 FV CR			
								005 FV CR			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
VOLKSWAGEN											
								322 BF GN SS	**2N5391**		STD
								126 RVT PC GI 987 FV GN SS 714 GN SS	**2N539125** **2N539150**		0.25 0.50
BCA, BKR, BKY, BUD, CAXA, CDDA,	1390	4	2007-13	1.4L TSI Eos, Golf, Jetta, Passat, Touran	76.50	1.20	3.33	398 BF CR S	**2C5438**	4 Cyl.	STD
CGGA, CGGB, CPLA, CMSB BLF, BLP	1598	4	2003-11	Scirocco, Polo, Caddy 1.6L FSI Eos, Golf, Jetta, Passat, Touran		1.20 2.00	3.48 2.92	610 RVL PC GI 993 FV CR 5 FV CR	**2C543850**		0.50
								322 BF GN SS	**2N5438**		STD
								610 RVL PC GI 993 FV CR 5 FV CR	**2N543825** **2N543850**		0.25 0.50
	1588		1980-96	Turbo Diesel 1V, CY, JR, JX, MF, RA, SB .	76.50	1.75	3.35	215 TBF CR DI	**2C7148**	1 Cyl.	STD
	2383 2383		1982-95 1979-93	Turbo Diesel 1G, ACL, DV Turbo Diesel D-24		2.00 3.00	3.38 3.68	209 RVT PC DI 204 CF CR DI 881 2PCO			
		4		Gol, Parati, AE Voyage, Saveiro	76.96	1.50	3.30	32 BF PC GI	**4803**	4 Cyl.	STD
				Fits Brazilian Mahle Piston		1.50 3.00	3.33 3.30	126 RVT PC GI 54 FV CR	**4803020**		1.00
								732 FV CR	**2C4803**		STD
								126 RVT PC GI 054 FV CR 732 FV CR	**2C4803020**		0.50
		4	1967-75	Type I, Type II, 1.2L, 1.3L	77.00	2.00	3.30	102 T PC GI	**4851**	4 Cyl.	STD
				Fits Brazilian Mahle Piston		2.00 4.00	3.33 3.43	401 SCRP PC GI 058 FV CR 732 FV CR	**4851020**		0.50
		4		GOL, AE1600	77.00	1.50	3.30	032 BF PC GI	**4977**	4 Cyl.	STD
				Fits Brazilian Mahle Piston		1.50 2.00	3.68 2.92	401 SCRP PC GI 993 FV CR 005 FV CR			
								363 BF CR GI	**2C4977**		STD
								401 SCRP PC GI 993 FV CR 005 FV CR	**2C4977020** **2C4977040**		0.50 1.00
F	1285	4	1965-74	11C, 30CV, 1200 36-40 H.P.	77.00	2.50	3.30	362 BF 3CR GI	**2C5868**	4 Cyl.	STD
	1192		1954-65	1200 36-40 H.P.		2.50 4.00	3.33 3.94	401 SCRP PC GI 056 FV CR 732 FV CR			
	1192	4	1954-65	2-3/32" Comp. Grooves	77.00	2.25	3.66	032 BF PC GI	**5948**	4 Cyl.	STD
						2.25 4.75	3.68 1.27	401 SCRP PC GI 871 FV CR 732 FV CR			
AB, D, E, F (1200 and 1300)	1285	4	1964-81	Beatle, Karmann (1200 and 1300)	77.00	2.00	3.66	102 T PC GI	**6780**	4 Cyl.	STD
						2.00 4.00	3.38 4.11	435 SCRP PC GI 056 FV CR 732 FV CR			
								362 BF 3CR GI	**2C6780**		STD
								435 SCRP PC GI 056 FV CR 732 FV CR	**2C6780020** **2C6780040**		0.50 1.00
AFB, AKE, AKN, AYM, BAU	2496		1997-05	Turbo Diesel DOHC TDi	78.30	1.75	3.40	205 BF CR DI	**2D7284**	1 Cyl.	STD
						2.00 3.00	3.43 3.68	214 RVT PC DI 204 CF CR DI 881 2PCO			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
VOLKSWAGEN											
049	1588		1974-77	Dasher, So, Rabbit, So	79.50	2.00	3.40	032 BF PC GI	**4304**	4 Cyl.	STD
	1457	4	1973-76	1.5L		2.50	3.43	126 RVT PC GI	**4304020**		0.50
						5.00	1.27	860 FV CR	**4304040**		1.00
								732 FV CR			
								362 BF 3CR GI	**2C4304**		STD
								126 RVT PC GI	**2C4304020**		0.50
								860 FV CR			
								732 FV CR			
049	1457	4	1976-80	Rabbit	79.50	1.75	3.15	032 BF PC GI	**4490**	4 Cyl.	STD
049	1588		1980	Rabbit		2.00	3.43	126 RVT PC GI	**4490010**		0.25
049	1588		1975-83	So		4.00	3.81	056 FV CR	**4490020**		0.50
049	1588		1980	Pickup				732 FV CR	**4490030**		0.75
049	1588		1976-84	Dasher					**4490040**		1.00
049	1588		1980	Jetta					**4490060**		1.50
049	1716		1981-84	Rabbit				363 BF CR GI	**2C4490**		STD
049	1716		1981-84	Jetta				126 RVT PC GI	**2C4490010**		0.25
049	1716		1982-83	Quantum				056 FV CR	**2C4490020**		0.50
049	1716		1981-83	Pickup				732 FV CR	**2C4490030**		0.75
049	1716		1980-94	So					**2C4490040**		1.00
									2C4490060		1.50
								327 BF PM GI	**2M4490**		STD
								126 RVT PC GI	**2M4490010**		0.25
								056 FV CR	**2M4490020**		0.50
								732 FV CR	**2M4490030**		0.75
									2M4490040		1.00
									2M4490060		1.50
		4	1975-On	Dasher, Golf, Passat, So Fits Brazilian Mahle Piston	79.50	2.00	3.40	363 BF CR GI	**2C4828**	4 Cyl.	STD
						2.50	3.43	126 RVT PC GI	**2C4828020**		0.50
						5.00	3.30	870 FV CR			
								732 FV CR			
	1500	4	1977-84	Dasher, Golf, Jetta, Passat, Santana, So 1.5L	79.50	1.75	3.15	032 BF PC GI	**4833**	4 Cyl.	STD
				1.6L Fits Brazilian Mahle Piston		2.00	3.43	126 RVT PC GI	**4833020**		0.50
	1600					4.00	3.30	058 FV CR	**4833040**		1.00
								732 FV CR			
								363 BF CR GI	**2C4833**		STD
								126 RVT PC GI	**2C4833020**		0.50
								058 FV CR	**2C4833040**		1.00
								732 FV CR			
	1716		1991-On	Caravell, Golf D, Passat D	79.50	1.75	3.15	032 BF PC GI	**5029**	1 Cyl.	STD
	1896		1991-On	1Z, Caravelle, Golf D, Passat D incl. Turbo Diesel		2.00	3.43	401 SCRP PC GI	**5029020**		0.50
	2370		1991-On	Caravelle, Golf D, Passat D incl. Turbo Diesel		3.00	3.30	054 FV CR			
								732 FV CR			
								363 BF CR GI	**2C5029**		STD
								401 SCRP PC GI	**2C5029010**		0.25
								054 FV CR	**2C5029020**		0.50
								732 FV CR	**2C5029030**		0.75
									2C5029040		1.00
KY	1751		1985-92	DIESEL ENGINE TRANSPORTER BUS	79.50	1.75	3.38	376 BF CR DI	**2C5212**	1 Cyl.	STD
1Y, 1X, ABL, AAZ, ADE, ADG, AEF,	1896		1986-03	GOLF, PASSAT, POLO, STATIONARY ENG., TRANSPORTER, VENTO		2.00	3.53	209 RVL PC DI	**2C521225**		0.25
AJA, AAB	2370		1990-03	TRANSPORTER		3.00	3.68	204 CF CR DI	**2C521250**		0.50
								881 2PCO	**2C5212100**		1.00
1Y, 1Z, AAZ, AFN, AHF, AHH, AHU, ALH, AGR, AJM, ASV, ASZ, ATD, ATJ, AVB, AVF, AWX, AXR, BKC	1896		1991-05	AEF, Diesel, Polo w/2 pc oil ring	79.50	1.75	3.38	205 BF CR DI	**2D5854**	1 Cyl.	STD
	2370		1997-03	AJA Diesel w/2pc oil ring		2.00	3.53	210 SCRP TF PC DI	**2D585425**		0.25
						3.00	3.68	204 CF CR DI	**2D585450**		0.50
								881 2PCO	**2D5854100**		0.75

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
VOLKSWAGEN											
	1588	4	1976-77	Dasher, Rabbit, Scirocco High Performance Piston	79.50	1.75	3.40	032 BF PC GI	**6117**	4 Cyl.	STD
						2.00	3.43	126 RVT PC GI	**6117020**		0.50
						5.00	1.27	860 FV CR	**6117040**		1.00
								732 FV CR			
								362 BF 3CR GI	**2C6117**		STD
								126 RVT PC GI	**2C6117020**		0.50
								860 FV CR	**2C6117040**		1.00
								732 FV CR			
	1588	4	1977-80	Rabbit, So S/N 057732-on	79.50	1.75	3.40	032 BF PC GI	**6118**	4 Cyl.	STD
	1588		1976-80	Dasher		2.50	3.43	126 RVT PC GI	**6118020**		0.50
						5.00	4.39	860 FV CR	**6118030**		0.75
								732 FV CR	**6118040**		1.00
								362 BF 3CR GI	**2C6118**		STD
								126 RVT PC GI	**2C6118020**		0.50
								860 FV CR	**2C6118040**		1.00
								732 FV CR			
	2144	5	1978-84	4000, 5000	79.50	1.75	3.15	363 BF CR GI	**2C6145**	5 Cyl.	STD
						2.00	3.43	126 RVT PC GI	**2C6145020**		0.50
						4.00	3.81	056 FV CR			
								732 FV CR			
	1781	4	1983-93	Fox, Golf, GTI, Rabbit, So Cabriolet 2H OHC	81.00	1.50	3.18	032 BF PC GI	**4341**	4 Cyl.	STD
						1.75	3.61	126 RVT PC GI	**4341010**		0.25
						3.00	3.18	054 FV CR	**4341020**		0.50
								732 FV CR	**4341030**		0.75
									4341040		1.00
								362 BF 3CR GI	**2C4341**		STD
								126 RVT PC GI	**2C4341010**		0.25
								054 FV CR	**2C4341020**		0.50
								732 FV CR	**2C4341030**		0.75
									2C4341040		1.00
								335 T PM DI	**2M4341**		STD
								126 RVT PC GI	**2M4341010**		0.25
								054 FV CR	**2M4341020**		0.50
								732 FV CR	**2M4341030**		0.75
									2M4341040		1.00
	2226	5	1983-96	Audi	81.00	1.50	3.58	335 T PM DI	**2D4541**	5 Cyl.	STD
			1993-02			1.75	3.61	126 RVT PC GI	**2D454150**		0.50
						3.00	3.58	553 CF CR GI	**2D454175**		0.75
								881 2PCO			
	1595	4		Golf, New Beetle	81.00	1.00	3.33	398 BF CR S	**2C4590**	4 Cyl.	STD
						1.20	3.15	126 RVT PC GI	**2C4590020**		0.50
						2.00	2.92	993 FV CR	**2C4590040**		1.00
								005 FV CR			
	1588	4		Passat	81.00	1.50	3.18	032 BF PC GI	**4683**	4 Cyl.	STD
						1.50	3.23	126 RVT PC GI	**4683020**		0.50
						3.00	3.18	054 FV CR	**4683030**		0.75
								732 FV CR	**4683040**		1.00
								335 T PM DI	**2M4683**		STD
								126 RVT PC GI	**2M4683010**		0.25
								054 FV CR	**2M4683020**		0.50
								732 FV CR	**2M4683030**		0.75
									2M4683040		1.00
								322 BF GN SS	**2N4683**		STD
								126 RVT PC GI	**2N468325**		0.25
								672 FV GN	**2N468350**		0.50
								708 FV GN	**2N468375**		0.75
								708 FV GN			
		4		Passat, Santana, So, 1.6, 1.8, 2.0L Fits Brazilian Mahle Piston	81.00	1.50	3.18	032 BF PC GI	**4829**	4 Cyl.	STD
						1.75	3.61	126 RVT PC GI	**4829010**		0.25
						3.00	3.18	054 FV CR	**4829020**		0.50
								732 FV CR	**4829040**		1.00
								363 BF CR GI	**2C4829**		STD
								126 RVT PC GI	**2C4829020**		0.50
								054 FV CR	**2C4829040**		1.00
								732 FV CR			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
VOLKSWAGEN											
	1968	4		AAC, 75VC, 90VC Golf II	81.00	1.75	3.58	362 BF 3CR GI	**2C4871**	4 Cyl.	STD
						2.00	3.61	126 RVT PC GI	**2C4871020**		0.50
						3.00	3.18	054 FV CR			
								732 FV CR			
	2792	6	1990-05	Vin: AAA,ABA,AES,ATQ,BDF VR6 Engs., Eurovan, Golf GTi Jetta GLX, Passet, Vento	81.00	1.50	3.18	032 BF PC GI	**4921**	6 Cyl.	STD
						1.75	3.61	126 RVT PC GI			
						3.00	3.18	054 FV CR			
								732 FV CR			
								363 BF CR GI	**2C4921**		STD
	2792		1990-05					126 RVT PC GI	**2C4921020**		0.50
								054 FV CR	**2C4921030**		0.75
								732 FV CR	**2C4921040**		1.00
	2459	5	1991-96	Vin: ACU, Eurovan	81.00	1.75	3.58	032 BF PC GI	**4922**	5 Cyl.	STD
						2.00	3.61	126 RVT PC GI	**4922020**		0.50
						3.00	3.18	054 FV CR	**4922030**		0.75
								732 FV CR	**4922040**		1.00
								362 BF 3CR GI	**2C4922**		STD
								126 RVT PC GI	**2C4922020**		0.50
								054 FV CR	**2C4922030**		0.75
								732 FV CR	**2C4922040**		1.00
ADR, AEB, AFY, AGN, AJH, ANB, APH, APT, APU, AQA, ARG, ARX	1781	4	1997-10	1.8L Turbo Beetle, Bora, Golf	81.00	1.50	3.18	032 BF PC GI	**4923**	4 Cyl.	STD
ARZ, AUM, AUQ, AVC, AWC, AWD				Passat, Sharan		1.75	3.61	126 RVT PC GI	**4923020**		0.50
AWM, AWT						1.75	2.92	993 FV CR			
								005 FV CR			
								335 T PM DI	**2M4923**		STD
								126 RVT PC GI	**2M4923020**		0.50
								993 FV CR	**2M4923030**		0.75
								005 FV CR	**2M4923040**		1.00
	2400	6		5 Valve V-6	81.00	1.50	3.18	327 BF PM GI	**2D5020**	6 Cyl.	STD
						1.50	3.35	401 SCRP PC GI			
						2.00	2.87	993 FV CR			
								005 FV CR			
	1600	4	1987-On	Made in Brazil	81.00	1.20	3.33	398 BF CR S	**2C5095**	4 Cyl.	STD
	1800		1987-On	Made in Brazil		1.50	3.23	126 RVT PC GI	**2C5095010**		0.25
						2.00	3.18	934 FV CR	**2C5095020**		0.50
								935 FV CR	**2C5095030**		0.75
									2C5095040		1.00
ACV, AGX, AHD, AJT, ANF, ANJ AXL, BBF, BCT, BTW	2461		1995-06	TDi Diesel	81.00	2.50	3.48	231 BF PM DI	**2M5864**	1 Cyl.	STD
			1996-On			2.00	3.56	126 RVT PC GI			
						3.00	3.68	204 CF CR DI			
								881 2PCO			
AAC	1968		1990-03	Diesel AAC Transporter ,	81.00	1.75	3.56	212 TBF CC DI	**2D7255**	1 Cyl.	STD
AAF ACU AEU	2459		1990-03	Diesel SOHC Transporter		2.00	3.58	435 SCRP PC GI	**2D725550**		0.50
						3.00	3.68	204 CF CR DI			
								881 2PCO			
AZV, BDK, BMM, BNA	1968		2003-07	Turbo Diesel SHOC TDi,, Golf, Jetta, Passat	81.00	1.75	3.56	205 BF CR DI	**2D7282**	1 Cyl.	STD
						2.00	3.56	126 RVT PC GI	**2D728250**		0.50
						3.00	3.68	204 CF CR DI			
								881 2PCO			
AAF, ACU, AET, AEV	2459		1990-03	Diesel SOHC Transporter	81.00	1.75	3.56	212 TBF CC DI	**2D7335**	1 Cyl.	STD
						2.00	3.56	126 RVT PC GI			
						3.00	3.68	204 CF CR DI			
								881 2PCO			
AAF, ACU, AET, AEV	2459		1990-03	Diesel SOHC Transporter	81.00	1.75	3.56	205 BF CR DI	**2D7404**	1 Cyl.	STD
						2.00	3.56	126 RVT PC GI			
						3.00	3.68	204 CF CR DI			
								881 2PCO			
AXD, AXE, BAC, BCT, BCU, BCV, BJL BJM, BLJ, BLK, CECA, CECB	2461		2003-11	Turbo Diesel	81.00	2.50	3.56	212 TBF CC DI	**2D7476**	1 Cyl.	STD
						2.00	3.56	126 RVT PC GI	**2D747650**		0.50
						3.00	3.68	204 CF CR DI			
								881 2PCO			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
VOLKSWAGEN											
CRBC, CRBL, CRVA	1968		2012-on	DIESEL TDI ,GOLF VII	81.00	1.75	3.56	363 BF CR GI	**2C7487**	1 Cyl.	STD
						2.00	3.56	126 RVT PC GI			
						2.00	2.87	203 CF GN SS			
								881 2PCO			
	1605	4	1970-On	K70, 75CH TC8	82.00	1.75	3.73	362 BF 3CR GI	**2C7333**	4 Cyl.	STD
						2.00	3.89	401 SCRP PC GI			
						4.00	4.24	056 FV CR			
								732 FV CR			
CBUA, CUTA, BGP, BGQ, BTK, CBTA	2480	5	2005-14	DOHC 20V , Beetle, Bora	82.50	1.20	3.33	398 BF CR S	**2C4562**	5 Cyl.	STD
						1.50	3.25	126 RVT PC GI	**2C4562020**		0.50
						2.00	3.30	934 FV CR			
								935 FV CR			
ABA	1984	4	1988-10	GT1, Gulf, Passat, Quantum, Santana, Voyage	82.50	1.20	3.33	398 BF CR S	**2C4639**	4 Cyl.	STD
	2000					1.50	3.25	126 RVT PC GI	**2C4639010**		0.25
						2.00	3.30	934 FV CR	**2C4639020**		0.50
								935 FV CR	**2C4639030**		0.75
									2C4639040		1.00
	1857		1986-88	Passat	82.50	1.50	3.25	362 BF 3CR GI	**2C4927**	1 Cyl.	STD
						1.75	3.61	126 RVT PC GI	**2C4927010**		0.25
						3.00	2.79	997 FV CR	**2C4927020**		0.50
								732 FV CR	**2C4927040**		1.00
CDA VAG	1798	4		DOHC Turbo L4	82.50	1.00	3.33	398 BF CR S	**2C5382**	4 Cyl.	STD
						1.20	3.48	610 RVT PC GI	**2C5382020**		0.50
						1.50	2.34	981 FV CR			
								005 FV CR			
CDAA, CDAB, CJSA, CJSB, CJSC	1798	4	2005-15	TSI	82.50	4.75	3.12	398 BF CR S	**2C5385**	4 Cyl.	STD
CAWA, CAWB, CBFA, CCTA, CCZA, CCZB, CCZC, CCZD, CFPA, CHHA, CHHB, CJKA, CJKB, CJXB, CJXC, CJXE, CPLA, CPPA	1984		2005-15	TSI		4.75	3.48	610 RVT PC GI			
CCCA	2480		2005-15	TSI		8.00	2.67	993 FV CR S			
								005 FV CR			
		4		Corrado, Passat, Vento Fits Brazilian Mahle Piston	82.50	1.50	3.25	032 BF PC GI	**6190**	4 Cyl.	STD
						1.50	3.25	126 RVT PC GI	**6190020**		0.50
						2.00	3.30	934 FV CR	**6190040**		1.00
								935 FV CR			
								363 BF CR GI	**2C6190**		STD
								126 RVT PC GI	**2C6190020**		0.50
								934 FV CR	**2C6190040**		1.00
								935 FV CR			
AAY	2496	5		Caravelle	82.50	1.50	3.25	032 BF PC GI	**9547**	5 Cyl.	STD
						1.50	3.25	126 RVT PC GI			
						2.00	3.30	934 FV CR			
								935 FV CR			
								363 BF CR GI	**2C9547**		STD
								126 RVT PC GI	**2C9547020**		0.50
								934 FV CR	**2C9547040**		1.00
								935 FV CR			
	1493	4	1965-69	1500 50-53 H.P.	83.00	2.00	3.53	032 BF PC GI	**6793**	4 Cyl.	STD
						2.00	3.56	401 SCRP PC GI	**2C6793040**		1.00
						4.00	4.24	056 FV CR	**6793060**		1.50
								732 FV CR			
		4		Big Bore German & Japanese	85.00	2.00	3.81	032 BF PC GI	**6740**	4 Cyl.	STD
						2.00	3.84	032 BF PC GI	**6740020**		0.50
						2.00	4.04	401 SCRP PC GI	**6740040**		1.00
						5.00	4.11	871 FV CR			
								732 FV CR			
								362 BF 3CR GI	**2D6740**	4 Cyl.	STD
								032 BF PC GI	**2D674050**		0.50
								401 SCRP PC GI	**2D674075**		0.75
								553 CF CR GI	**2D6740100**		1.00
								881 2PCO			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
VOLKSWAGEN											
	1600	4	1984-On	Made in Brazil, Gas/Alch Also fit Brazilian Mahle Piston	85.50	1.50	3.43	102 T PC GI	**4664**	4 Cyl.	STD
						1.75	3.45	126 RVT PC GI	**4664010**		0.25
						4.00	3.43	058 FV CR	**4664020**		0.50
								732 FV CR	**4664040**		1.00
								362 BF 3CR GI	**2C4664**		STD
								126 RVT PC GI	**2C4664010**		0.25
								058 FV CR	**2C4664020**		0.50
								732 FV CR	**2C4664040**		1.00
	1588	4	1965-84	1600, 57, 60, 65 H.P. 65CV Fit Brazilian Mahle Piston	85.50	2.00	3.43	102 T PC GI	**4841**	4 Cyl.	STD
						2.00	3.43	401 SCRP PC GI	**4841020**		0.50
						5.00	3.94	871 FV CR	**4841040**		1.00
								732 FV CR			
								363 BF CR GI	**2C4841**		STD
								126 RVT PC GI	**2C4841020**		0.50
								871 FV CR	**2C4841040**		1.00
								732 FV CR			
	1600	4	1979-83		85.50	1.75	4.04	032 BF PC GI	**6165**	4 Cyl.	STD
						2.00	4.06	401 SCRP PC GI	**6165010**		0.25
						5.00	4.50	860 FV CR	**6165020**		0.50
								732 FV CR	**6165030**		0.75
									6165040		1.00
									6165060		1.50
								362 BF 3CR GI	**2C6165**		STD
								401 SCRP PC GI	**2C6165010**		0.25
								860 FV CR	**2C6165020**		0.50
								732 FV CR	**2C6165030**		0.75
									2C6165040		1.00
	1588	4	1966-79	1600, 57, 60, 65 H.P.	85.50	2.00	4.04	032 BF PC GI	**6781**	4 Cyl.	STD
				124A, 126A		2.00	4.06	401 SCRP PC GI	**6781010**		0.25
						5.00	3.94	871 FV CR	**6781020**		0.50
								732 FV CR	**6781030**		0.75
									6781040		1.00
									6781060		1.50
								362 BF 3CR GI	**2C6781**		STD
								401 SCRP PC GI	**2C6781010**		0.25
								871 FV CR	**2C6781020**		0.50
								732 FV CR	**2C6781030**		0.75
									2C6781040		1.00
									2C6781060		1.50
	1493	4		Engs. 1500, 1600 Series	87.00	2.00	3.61	032 BF PC GI	**4298**	4 Cyl.	STD
	1584					2.00	3.94	126 RVT PC GI			
						5.00	4.11	871 FV CR			
								732 FV CR			
								362 BF 3CR GI	**2C4298**		STD
								126 RVT PC GI	**2C4298020**		0.50
								871 FV CR			
								732 FV CR			
	1493	4		Engs. 1500, 1600 Series Overbore	87.00	1.50	3.61	362 BF 3CR GI	**2C4299**	4 Cyl.	STD
	1584					1.50	3.94	102 T PC GI			
						5.00	4.11	871 FV CR			
								732 FV CR			
	1679	4	1971-75	85 H.P. 411, 1700	90.00	2.00	3.99	362 BF 3CR GI	**2C6864**	4 Cyl.	STD
						2.00	4.01	401 SCRP PC GI			
						5.00	4.24	871 FV CR			
								732 FV CR			
	1835	4		1600 Big Bore Cima(Late)	92.00	1.50	4.06	032 BF PC GI	**4178**	4 Cyl.	STD
						2.00	4.09	401 SCRP PC GI			
						4.00	4.24	056 FV CR			
								732 FV CR			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
VOLKSWAGEN											
	1679	4		Repl. Kit Overbore	92.00	2.00	4.32	032 BF PC GI	**5364**	4 Cyl.	STD
			1978-85			2.00	4.09	401 SCRP PC GI	**5364010**		0.25
			1976-78			4.00	4.24	056 FV CR	**5364020**		0.50
			1976-84					732 FV CR	**5364030**		0.75
									5364040		1.00
								362 BF 3CR GI	**2C5364**		STD
								401 SCRP PC GI	**2C5364010**		0.25
								056 FV CR	**2C5364020**		0.50
								732 FV CR	**2C5364030**		0.75
									2C5364040		1.00
									2C5364060		1.50
								327 BF PM GI	**2M5364**		STD
								401 SCRP PC GI	**2M5364020**		0.50
								056 FV CR	**2M5364030**		0.75
								732 FV CR	**2M5364040**		1.00
	2446		1989-97	Diesel 2-L	92.00	2.00	3.58	232 HKST CR DI	**2C7356**	1 Cyl.	STD
						2.00	4.04	218 TF PC DI			
						4.00	4.24	204 CF CR DI			
								881 2PCO			
	1795	4	1974-75	Buss Station Wagen Model 412	93.00	2.00	4.09	032 BF PC GI	**6119**	4 Cyl.	STD
						2.00	4.11	126 RVT PC GI	**6119020**		0.50
						4.00	3.94	056 FV CR			
								732 FV CR			
								362 BF 3CR GI	**2C6119**		STD
								126 RVT PC GI	**2C6119020**		0.50
								056 FV CR	**2C6119040**		1.00
								732 FV CR			
	1915	4		1600 Big Bore(Late)	94.00	1.50	4.11	032 BF PC GI	**4177**	4 Cyl.	STD
						2.00	4.14	126 RVT PC GI			
						4.00	2.92	856 FV CR			
								732 FV CR			
	2109	4	1986-On	Vanagon MV	94.00	1.75	4.42	032 BF PC GI	**4634**	4 Cyl.	STD
						2.00	4.45	126 RVT PC GI	**4634010**		0.25
						3.50	3.68	058 FV CR	**4634020**		0.50
								732 FV CR	**4634030**		0.75
									4634040		1.00
									4634060		1.50
								362 BF 3CR GI	**2C4634**		STD
								126 RVT PC GI	**2C4634020**		0.50
								058 FV CR	**2C4634030**		0.75
								732 FV CR	**2C4634040**		1.00
									2C4634060		1.50
	1971	4	1976-84	2 Series, 211, 221, Vanagon	94.00	1.75	4.42	032 BF PC GI	**5594**	4 Cyl.	STD
						2.00	4.14	126 RVT PC GI	**5594010**		0.25
						4.00	4.50	860 FV CR	**5594020**		0.50
								732 FV CR	**5594030**		0.75
									5594040		1.00
									5594060		1.50
								362 BF 3CR GI	**2C5594**		STD
								126 RVT PC GI	**2C5594010**		0.25
								860 FV CR	**2C5594020**		0.50
								732 FV CR	**2C5594030**		0.75
									2C5594040		1.00
									2C5594060		1.50
VOLVO											
D 4162 T	1560	4	2010-12	C30, S40 , S60,	75.00	2.50	3.25	261 BF CR DI	**2D7431**	4 Cyl.	STD
						1.75	3.33	435 SCRP PC GI	**2D743125**		0.25
						2.50	3.10	248 CF CR	**2D743150**		0.50
								881 2PCO			
B5234FT		5		850	81.00	1.20	3.33	398 BF CR S	**2C4993**	5 Cyl.	STD
						1.75	3.61	126 RVT PC GI	**2C4993020**		0.50
						3.00	3.18	054 FV CR	**2C4993030**		0.75
								732 FV CR			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
VOLVO											
		4		460	82.70	1.50	3.58	032 BF PC GI	**4990**	4 Cyl.	STD
						1.75	3.91	401 SCRP PC GI	**4990020**		0.50
						3.00	3.18	054 FV CR			
								732 FV CR			
								362 BF 3CR GI	**2C4990**		STD
								401 SCRP PC GI	**2C4990010**		0.25
								054 FV CR	**2C4990020**		0.50
								732 FV CR	**2C4990030**		0.75
									2C4990040		1.00
B4184S	1783		1995-2013	DOHC S40, V40	83.00	1.20	3.12	398 BF CR S	**2C4510**	1 Cyl.	STD
B4204T3	1948		2000-04	DOHC S40 V40		1.50	3.25	126 RVT PC GI			
						2.50	2.92	995 FV CR			
								732 FV CR			
B5254	2435		1996-99	850GLE S70 V70	83.00	1.20	3.12	398 BF CR S	**2C4528**	1 Cyl.	STD
	2917		1998-99	968 S90 V90		1.75	3.61	126 RVT PC GI	**2C4528020**		0.50
						3.00	2.79	997 FV CR			
								732 FV CR			
B18A/B, B18D	1780	4	1962-68	142, 144, 145, 122S, 544, P1800	84.14	2.00	3.99	032 BF PC GI	**6726**	4 Cyl.	STD
						2.00	4.01	401 SCRP PC GI			
						4.75	1.27	860 FV CR			
								732 FV CR			
B27F	2673	6	1975-1979	262, 264, 265, GL,GLE	88.00	1.50	3.61	032 BF PC GI	**4488**	6 Cyl.	STD
						2.00	3.63	401 SCRP PC GI	**4488030**		0.75
						4.00	4.24	056 FV CR			
								732 FV CR			
								362 BF 3CR GI	**2C4488**		STD
								401 SCRP PC GI	**2C4488030**		0.75
								056 FV CR			
								732 FV CR			
B19A, B20A/F, B20F	1986	4	1980	343, 345, 142, 144, 145, 242, 244, 245, DL, GL	88.90	1.75	4.19	362 BF 3CR GI	**2C6167**	4 Cyl.	STD
						2.00	4.22	401 SCRP PC GI	**2C6167010**		0.25
						4.00	4.62	860 FV CR	**2C6167020**		0.50
								732 FV CR	**2C6167030**		0.75
B19E, B30		6	1974-On		88.90	1.75	4.19	362 BF 3CR GI	**2C6168**	6 Cyl.	STD
						2.00	4.22	401 SCRP PC GI	**2C6168010**		0.25
						4.00	4.62	860 FV CR	**2C6168020**		0.50
								732 FV CR	**2C6168030**		0.75
B20A	1986	4	1969-70	P1800	88.90	2.00	4.19	032 BF PC GI	**6810**	4 Cyl.	STD
B20A/B/F	1986		1969-74	142, 144, 145		2.00	4.22	401 SCRP PC GI	**6810030**		0.75
B20E	1986		1971	142		4.75	4.62	860 FV CR			
B20E	1986		1971	P1800E				732 FV CR			
B20F	1986		1972-74	142, 144, 145				327 BF PM GI	**2M6810**		STD
B20F	1986		1972-73	P1800ES				401 SCRP PC GI	**2M6810030**		0.75
								860 FV CR			
								732 FV CR			
B30A	2978	6	1969-72	164E	88.90	2.00	4.19	032 BF PC GI	**6825**	6 Cyl.	STD
B30E	2978		1972	164E		2.00	4.22	401 SCRP PC GI	**6825030**		0.75
B30F	2978		1973-75	164E		4.75	1.27	860 FV CR			
								732 FV CR			
B80F	2849	6	1981-91	760 GLE	91.00	1.50	4.04	032 BF PC GI	**5691**	6 Cyl.	STD
B28F	2849		1980-82	262, 264, 265, GL, GLE		2.00	3.68	126 RVT PC GI	**5691020**		0.50
B28F	2849		1983-86	760 GLE		4.00	4.62	860 FV CR	**5691030**		0.75
B280F	2849		1987-91	740 GL, GLE				732 FV CR			
								362 BF 3CR GI	**2C5691**		STD
								126 RVT PC GI	**2C5691020**		0.50
								860 FV CR	**2C5691030**		0.75
								732 FV CR			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
VOLVO											
B21	2127	4	1979-86		92.00	1.75	4.32	032 BF PC GI	**5692**	4 Cyl.	STD
						2.00	4.09	401 SCRP PC GI	**5692010**		0.25
						4.00	4.24	056 FV CR	**5692020**		0.50
								732 FV CR	**5692030**		0.75
									5692040		1.00
								363 BF CR GI	**2C5692**		STD
								401 SCRP PC GI	**2C5692010**		0.25
								056 FV CR	**2C5692020**		0.50
								732 FV CR	**2C5692030**		0.75
									2C5692040		1.00
		6		FC	92.08	3.18	3.84	362 BF 3CR GI	**2C4008**	6 Cyl.	STD
						3.18	3.86	126 RVT PC GI			
						3.18	3.86	126 RVT PC GI			
						4.75	1.27	860 FV CR			
								732 FV CR			
D47, D47A	4704	6		Deep Top Groove , Diesel Truck	95.25	2.25	4.47	363 BF CR GI	**2D5966**	6 Cyl.	STD
						3.18	3.94	126 RVT PC GI			
						3.18	3.94	126 RVT PC GI			
						4.75	4.45	553 CF CR GI			
						4.75	4.19	881 2PCO			
								501 1PCO PC GI			
B230F/FT	2316	4	1982-92	244, 245, DL, GL, 740 GL, GLE, 760 GLE, 760 GLE	96.00	1.75	4.19	032 BF PC GI	**4477**	4 Cyl.	STD
						1.75	4.22	126 RVT PC GI	**4477020**		0.50
						3.50	4.39	059 FV CR	**4477030**		0.75
								732 FV CR			
								363 BF CR GI	**2C4477**		STD
								126 RVT PC GI	**2C4477020**		0.50
								059 FV CR	**2C4477030**		0.75
								732 FV CR			
B23E/F	2316	4	1981-1984	242,244,245,DL,GL	96.00	1.75	4.19	032 BF PC GI	**5695**	4 Cyl.	STD
						2.00	4.22	126 RVT PC GI	**5695020**		0.50
						4.00	4.39	860 FV CR	**5695030**		0.75
								732 FV CR			
								363 BF CR GI	**2C5695**		STD
								126 RVT PC GI	**2C5695020**		0.50
								860 FV CR	**2C5695030**		0.75
								732 FV CR			
		6		D60	98.43	2.25	4.62	362 BF 3CR GI	**2C6660**	6 Cyl.	STD
						3.18	4.32	126 RVT PC GI			
						4.75	4.88	860 FV CR			
								732 FV CR			
D70A/B	6725	6	1965-1971	3500, 3700, 5350VHK116, VHK118	104.78	2.25	4.93	363 BF CR GI	**2C5155**	6 Cyl.	STD
						3.18	4.52	126 RVT PC GI	**2C5155020**		0.50
						3.18	4.52	126 RVT PC GI			
						4.75	5.00	860 FV CR			
						4.75	4.52	732 FV CR			
								501 1PCO PC GI			
WAUKESHA											
		4		FCS, FS, FSJ	69.85	3.18	3.25	032 BF PC GI	**4854**	4 Cyl.	STD
						3.18	3.23	401 SCRP PC GI			
						4.75	3.81	871 FV CR			
								732 FV CR			
BD1D, BD1F, FCL, FL, FL6D, FL18, FLJ, FLT, 6TS		4			76.20	3.18	3.45	102 T PC GI	**4018**	4 Cyl.	STD
						3.18	3.48	126 RVT PC GI			
						4.75	1.27	860 FV CR			
								732 FV CR			
								362 BF 3CR GI	**2C4018**		STD
								126 RVT PC GI	**2C4018060**		1.50
								860 FV CR			
								732 FV CR			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
WAUKESHA											
FC25E		4			82.55	2.38	3.89	032 BF PC GI	**4215**	4 Cyl.	STD
						2.38	3.91	126 RVT PC GI	**4215020**		0.50
						2.38	3.91	126 RVT PC GI	**4215040**		1.00
						4.75	4.39	860 FV CR			
								732 FV CR			
								362 BF 3CR GI	**2C4215**		STD
								126 RVT PC GI			
								126 RVT PC GI			
								860 FV CR			
								732 FV CR			
FC, FC129J, FC132, FC161A, FK, FKJ		4			82.55	3.18	3.89	032 BF PC GI	**5060**	4 Cyl.	STD
						3.18	3.78	126 RVT PC GI	**5060020**		0.50
						4.75	1.27	860 FV CR	**5060060**		1.50
								732 FV CR			
								362 BF 3CR GI	**2C5060**		STD
								126 RVT PC GI			
								860 FV CR			
								732 FV CR			
FC		4		Zollner 175 W. Piston	82.55	3.18	3.89	032 BF PC GI	**6303**	4 Cyl.	STD
						3.18	3.91	032 BF PC GI	**6303020**		0.50
						3.18	3.78	126 RVT PC GI	**6303060**		1.50
						4.75	1.27	860 FV CR			
								732 FV CR			
								362 BF 3CR GI	**2C6303**		STD
								032 BF PC GI			
								126 RVT PC GI			
								860 FV CR			
								732 FV CR			
6-90, 6BA		6			85.73	3.18	4.04	362 BF 3CR GI	**2C4070**	6 Cyl.	STD
						3.18	3.89	126 RVT PC GI			
						3.18	3.89	126 RVT PC GI			
						4.75	1.27	860 FV CR			
								732 FV CR			
6BL, 6XL, 185GL		6			88.90	3.18	3.96	362 BF 3CR GI	**2D7670**	6 Cyl.	STD
6BL, 6XL						3.18	3.66	126 RVT PC GI			
						3.18	3.66	126 RVT PC GI			
						4.75	4.24	553 CF CR GI			
								881 2PCO			
180GL, 180GLB		4			88.90	3.18	3.96	362 BF 3CR GI	**2C7726**	4 Cyl.	STD
						3.18	3.66	126 RVT PC GI			
						3.18	3.66	126 RVT PC GI			
						6.00	4.62	860 FV CR			
								732 FV CR			
190GS		6			88.90	3.18	3.96	362 BF 3CR GI	**2C7779**	6 Cyl.	STD
						3.18	3.66	126 RVT PC GI			
						3.18	3.66	126 RVT PC GI			
						6.00	4.62	860 FV CR			
								732 FV CR			
4-55, XAH		4			92.08	3.18	3.84	362 BF 3CR GI	**2C4084**	4 Cyl.	STD
						3.18	3.86	126 RVT PC GI			
						3.18	3.86	126 RVT PC GI			
						4.75	1.27	860 FV CR			
								732 FV CR			
4-155				Gas	92.08	2.25	4.06	032 BF PC GI	**6215**	2 Cyl.	STD
						2.25	4.09	126 RVT PC GI			
						4.75	2.39	501 1PCO PC GI			
								825 2PCO			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
WAUKESHA											
180GLB		4		Gas Increase Bore Assembly #SL1982	92.08	2.25	4.06	032 BF PC GI	**7581**	4 Cyl.	STD
D155G 180DKB						2.25 2.25 4.75	4.09 4.09 4.62	126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR			
								362 BF 3CR GI	**2D7581**	4 Cyl.	STD
								126 RVT PC GI 126 RVT PC GI 553 CF CR GI 881 2PCO			
180GKB		4			92.08	2.25	4.06	032 BF PC GI	**7663**	4 Cyl.	STD
						2.25 2.25 4.75	4.09 4.09 1.27	126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR			
185GLB		6		Gas Increase Bore Assembly #SL1982	92.08	2.25	4.32	362 BF 3CR GI	**2D7899**	6 Cyl.	STD
						2.25 2.25 4.75	4.09 4.09 4.34	126 RVT PC GI 126 RVT PC GI 553 CF CR GI 881 2PCO			
VRG265		6			95.25	2.38	4.47	032 BF PC GI	**137**	6 Cyl.	STD
						2.25 4.75	4.50 1.27	126 RVT PC GI 860 FV CR 732 FV CR	**137030**		0.75
								363 BF CR GI	**2C137**		STD
								126 RVT PC GI 860 FV CR 732 FV CR			
130GS, XAKH		4			95.25	3.18	4.17	362 BF 3CR GI	**2D4611**	4 Cyl.	STD
						3.18 3.18 6.35	3.94 3.94 4.85	126 RVT PC GI 126 RVT PC GI 553 CF CR GI 881 2PCO			
6BK, 6BM, 6BKH, 6MS, 6XK, 190GL, 190GLB		6		4 Ring Piston	95.25	3.18	3.91	362 BF 3CR GI	**2D5028**	6 Cyl.	STD
						3.18 3.18 4.75	3.94 3.94 4.45	126 RVT PC GI 126 RVT PC GI 553 CF CR GI 881 2PCO			
XAK, XAK21F, XAKH		4			95.25	3.18	4.17	362 BF 3CR GI	**2C7669**	4 Cyl.	STD
						3.18 3.18 4.75	3.94 3.94 1.27	126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR			
180GL, 190DL, 190DLB, 190GL, 190KL, 190LB		6			95.25	3.18	4.17	362 BF 3CR GI	**2C7747**	6 Cyl.	STD
						3.18 3.18 6.00	3.94 3.94 4.88	126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR			
F283DL		6			98.43	2.25	4.62	363 BF CR GI	**2D7703**	6 Cyl.	STD
						2.25 2.25 4.75	3.99 3.99 4.45	126 RVT PC GI 126 RVT PC GI 553 CF CR GI 881 2PCO			
6BZ, 6BZU, 6ML, 6-110		6			101.60	3.18	4.39	363 BF CR GI	**2C4007**	6 Cyl.	STD
195GL						3.18 3.18 4.75	4.11 4.11 4.88	126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR			
F320G		6			104.78	2.25	4.93	363 BF CR GI	**2C6583**	6 Cyl.	STD
						2.25 6.00	4.95 5.00	126 RVT PC GI 860 FV CR 732 FV CR			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
WAUKESHA											
6A, 6AB, 6AL, 140GK, 140GKB, 140GKU		6		4 Ring * Piston	114.30	3.18	4.83	363 BF CR GI	**2C4056**	6 Cyl.	STD
						3.18	4.85	126 RVT PC GI			
						3.18	4.85	126 RVT PC GI			
						4.75	5.08	860 FV CR			
								732 FV CR			
VIK, VIKA, VIKH, VIKU		4			114.30	4.75	4.83	102 T PC GI	**4157**	4 Cyl.	STD
						4.75	4.85	102 T PC GI			
						4.75	4.85	401 SCRP PC GI			
						4.75	5.08	860 FV CR			
								732 FV CR			
								362 BF 3CR GI	**2C4157**		STD
								102 T PC GI			
								401 SCRP PC GI			
								860 FV CR			
								732 FV CR			
140GK, 140GKB, 140GKU, 140HK		6		5 Ring Piston	114.30	3.18	4.11	032 BF PC GI	**5081**	6 Cyl.	STD
						3.18	4.85	126 RVT PC GI			
						3.18	4.85	126 RVT PC GI			
						4.75	5.08	860 FV CR			
						4.75	4.85	732 FV CR			
								501 1PCO PC GI			
								363 BF CR GI	**2C5081**		STD
								126 RVT PC GI			
								126 RVT PC GI			
								860 FV CR			
								732 FV CR			
								501 1PCO PC GI			
WEST BEND											
			1956	5 1/2 H.P. 160501	50.80	1.60	2.39	102 T PC GI	**215**	1 Cyl.	STD
			1960	6 H.P. 6801		1.60	2.41	102 T PC GI			
			1957-58	6 H.P. 6801, 6802, 160521, 160531		1.60	2.41	102 T PC GI			
WESTINGHOUSE											
				Single Stage 2 Cyl	52.39	3.18	2.44	401 SCRP PC GI	**8266**	2 Cyl.	STD
				2U7 1/4 TU-FLO400 Set without Oil Rings		3.18	2.46	401 SCRP PC GI	**8266010**		0.25
						3.18	2.46	401 SCRP PC GI	**8266020**		0.50
						3.18	2.46	401 SCRP PC GI	**8266030**		0.75
				E	63.50	3.18	3.20	126 RVT PC GI	**268**	2 Cyl.	STD
						3.18	3.23	126 RVT PC GI	**268010**		0.25
						3.18	3.23	126 RVT PC GI	**268020**		0.50
						3.18	3.23	126 RVT PC GI	**268030**		0.75
						3.18	3.23	126 RVT PC GI			
WHITE											
A7, A8, B8, B10, B12		4		134 cu. in.	79.38	2.25	3.76	032 BF PC GI	**828**	4 Cyl.	STD
						2.25	3.78	126 RVT PC GI	**828020**		0.50
						4.75	1.27	871 FV CR	**828030**		0.75
								732 FV CR	**828040**		1.00
									828060		1.50
									828080		2.00
								362 BF 3CR GI	**2C828**		STD
								126 RVT PC GI	**2C828020**		0.50
								871 FV CR	**2C828030**		0.75
								732 FV CR	**2C828040**		1.00
									2C828060		1.50
		6		205	82.55	3.18	3.89	032 BF PC GI	**4072**	6 Cyl.	STD
						3.18	3.78	126 RVT PC GI	**4072020**		0.50
						3.18	3.78	126 RVT PC GI	**4072060**		1.50
						4.75	1.27	860 FV CR			
								732 FV CR			
								362 BF 3CR GI	**2C4072**		STD
								126 RVT PC GI			
								126 RVT PC GI			
								860 FV CR			
								732 FV CR			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
WHITE											
		6		221	85.73	3.18	4.04	362 BF 3CR GI	**2C4070**	6 Cyl.	STD
						3.18	3.89	126 RVT PC GI			
						3.18	3.89	126 RVT PC GI			
						4.75	1.27	860 FV CR			
								732 FV CR			
		6		2A, 2AB, 2AC	88.90	3.18	3.96	362 BF 3CR GI	**2D7670**	6 Cyl.	STD
						3.18	3.66	126 RVT PC GI			
						3.18	3.66	126 RVT PC GI			
						4.75	4.24	553 CF CR GI			
								881 2PCO			
4A, 4AB, 4AC, 4AD		6			95.25	3.18	3.91	362 BF 3CR GI	**2D5028**	6 Cyl.	STD
						3.18	3.94	126 RVT PC GI			
						3.18	3.94	126 RVT PC GI			
						4.75	4.45	553 CF CR GI			
								881 2PCO			
		6		33A	101.60	3.18	4.39	363 BF CR GI	**2C4007**	6 Cyl.	STD
						3.18	4.11	126 RVT PC GI			
						3.18	4.11	126 RVT PC GI			
						4.75	4.88	860 FV CR			
								732 FV CR			
WISCONSIN											
VD4, VD41		4			69.85	3.18	3.25	032 BF PC GI	**4854**	4 Cyl.	STD
						3.18	3.23	401 SCRP PC GI			
						4.75	3.81	871 FV CR			
								732 FV CR			
AE, AEH, AEHS, AEN, AEND, AENL, AENS, AES					76.20	2.25	3.45	102 T PC GI	**5149**	1 Cyl.	STD
AENLD, TE, TED						2.25	3.48	102 T PC GI			
						2.25	3.48	401 SCRP PC GI			
						4.75	1.27	871 FV CR			
								732 FV CR			
AE				AE Air Cooled	76.20	3.18	3.45	102 T PC GI	**7986**	1 Cyl.	STD
						3.18	3.48	102 T PC GI			
						3.18	3.48	126 RVT PC GI			
						4.75	1.27	871 FV CR			
								732 FV CR			
VD4D, VF4, VF4D, VF41, VH4, VH4D, VH4DM		4			82.55	2.38	3.89	032 BF PC GI	**4215**	4 Cyl.	STD
						2.38	3.91	126 RVT PC GI	**4215020**		0.50
						2.38	3.91	126 RVT PC GI	**4215040**		1.00
						4.75	4.39	860 FV CR			
								732 FV CR			
								362 BF 3CR GI	**2C4215**		STD
								126 RVT PC GI			
								126 RVT PC GI			
								860 FV CR			
								732 FV CR			
				TJD	82.55	2.00	3.89	032 BF PC GI	**4398**	2 Cyl.	STD
						2.00	3.91	126 RVT PC GI	**4398010**		0.25
						4.75	1.27	860 FV CR			
								732 FV CR			
				TF, TFD, TH, THD, THDM, TJD	82.55	2.38	3.89	032 BF PC GI	**5123**	2 Cyl.	STD
						2.38	3.91	126 RVT PC GI	**5123020**		0.50
						2.25	3.91	126 RVT PC GI	**5123040**		1.00
						4.75	4.39	860 FV CR	**5123060**		1.50
								732 FV CR			
								362 BF 3CR GI	**2C5123**		STD
								126 RVT PC GI			
								126 RVT PC GI			
								860 FV CR			
								732 FV CR			
W4-1770 Gas	1765	4		LPG & NG	82.55	2.00	3.89	032 BF PC GI	**5909**	4 Cyl.	STD
						2.00	3.91	401 SCRP PC GI	**5909010**		0.25
						4.75	1.27	860 FV CR	**5909060**		1.50
								732 FV CR			
								362 BF 3CR GI	**2C5909**		STD
								401 SCRP PC GI			
								860 FV CR			
								732 FV CR			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
WISCONSIN											
W4-1770				HV4D, TFD, TJD, VF4, VF4D, VH4D	82.55	2.00	3.89	032 BF PC GI	**6184**	2 Cyl.	STD
						2.00	3.91	126 RVT PC GI	**6184010**		0.25
						2.00	3.91	126 RVT PC GI			
						4.75	4.39	860 FV CR			
								732 FV CR			
								362 BF 3CR GI	**2C6184**		STD
								126 RVT PC GI	**2C6184010**		0.25
								126 RVT PC GI			
								860 FV CR			
								732 FV CR			
				VH4D 3 Ring Piston	82.55	2.25	3.89	032 BF PC GI	**6261**	2 Cyl.	STD
						2.25	3.91	126 RVT PC GI	**6261020**		0.50
						4.75	1.27	860 FV CR	**6261040**		1.00
								732 FV CR			
				AM 4 Engine, S10D	82.55	2.25	3.89	032 BF PC GI	**7785**	1 Cyl.	STD
						2.25	3.91	126 RVT PC GI	**7785020**		0.50
						4.75	1.27	860 FV CR	**7785030**		0.75
								732 FV CR	**7785040**		1.00
								362 BF 3CR GI	**2C7785**		STD
								126 RVT PC GI			
								860 FV CR			
								732 FV CR			
				AF Air Cooled, AFH	82.55	3.18	3.89	032 BF PC GI	**7868**	1 Cyl.	STD
						3.18	3.78	126 RVT PC GI			
						3.18	3.78	126 RVT PC GI			
						4.75	1.27	860 FV CR			
								732 FV CR			
		4		AP4, AP41, V64D, VG4D, VP4, VP49	88.90	3.18	3.96	362 BF 3CR GI	**2C5117**	4 Cyl.	STD
						3.18	3.66	126 RVT PC GI			
						3.18	3.66	126 RVT PC GI			
						4.75	1.27	860 FV CR			
								732 FV CR			
				S12D, TRA12D	88.90	2.25	4.19	032 BF PC GI	**6427**	1 Cyl.	STD
						2.25	3.66	126 RVT PC GI			
						4.75	3.99	501 1PCO PC GI			
				S14D	95.25	2.25	4.47	362 BF 3CR GI	**2C5466**	1 Cyl.	STD
						2.25	4.50	126 RVT PC GI	**2C5466020**		0.50
						4.75	1.27	860 FV CR	**2C5466030**		0.75
								732 FV CR			
V465D		4			95.25	2.25	4.47	362 BF 3CR GI	**2C6664**	4 Cyl.	STD
						2.25	4.50	032 BF PC GI	**2C6664030**		0.75
						2.25	4.50	126 RVT PC GI			
						4.75	1.27	860 FV CR			
								732 FV CR			
V465D		4		V465D w/cast iron oil ring	95.25	2.25	4.47	362 BF 3CR GI	**2C6665**	4 Cyl.	STD
						2.25	4.50	032 BF PC GI	**2C6665030**		0.75
						2.25	4.50	126 RVT PC GI			
						4.75	2.57	501 1PCO PC GI			
								825 2PCO			

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
YAMAHA											
305cu. in.		8		210 PHP	94.89	2.00	4.17	032 BF PC GI	**5499**	8 Cyl.	STD
						2.00	4.19	126 RVT PC GI	**5499010**		0.25
						4.75	5.21	860 FV CR	**5499020**		0.50
								732 FV CR	**5499030**		0.75
									5499040		1.00
									5499060		1.50
								362 BF 3CR GI	**2C5499**		STD
								126 RVT PC GI	**2C5499010**		0.25
								860 FV CR	**2C5499020**		0.50
								732 FV CR	**2C5499030**		0.75
									2C5499040		1.00
									2C5499060		1.50
								327 BF PM GI	**2M5499**		STD
								126 RVT PC GI	**2M5499010**		0.25
								860 FV CR	**2M5499020**		0.50
								732 FV CR	**2M5499030**		0.75
									2M5499040		1.00
									2M5499060		1.50
181cu. in.		6		130 PHP	96.52	2.00	3.71	032 BF PC GI	**5474**	6 Cyl.	STD
						2.00	4.57	126 RVT PC GI	**5474020**		0.50
						4.75	4.62	860 FV CR	**5474030**		0.75
								732 FV CR	**5474040**		1.00
									5474060		1.50
								362 BF 3CR GI	**2C5474**		STD
								126 RVT PC GI	**2C5474010**		0.25
								860 FV CR	**2C5474020**		0.50
								732 FV CR	**2C5474030**		0.75
									2C5474040		1.00
									2C5474060		1.50
								327 BF PM GI	**2M5474**		STD
								126 RVT PC GI	**2M5474020**		0.50
								860 FV CR	**2M5474030**		0.75
								732 FV CR	**2M5474040**		1.00
									2M5474060		1.50
350cu. in.		8		240 PHP	101.60	2.00	4.78	032 BF PC GI	**139**	8 Cyl.	STD
						2.00	4.80	126 RVT PC GI	**139010**		0.25
						4.75	4.88	860 FV CR	**139100**		2.50
								732 FV CR	**139020**		0.50
									139030		0.75
									139040		1.00
									139060		1.50
									139070		1.75
									139080		2.00
								362 BF 3CR GI	**2C139**		STD
								126 RVT PC GI	**2C139010**		0.25
								860 FV CR	**2C139020**		0.50
								732 FV CR	**2C139030**		0.75
									2C139040		1.00
									2C139060		1.50
									2C139070		1.75
									2C139080		2.00
								397 BF PM S	**2M139**		STD
								126 RVT PC GI	**2M139005**		0.13
								860 FV CR	**2M139010**		0.25
								732 FV CR	**2M139020**		0.50
									2M139030		0.75
									2M139040		1.00
									2M139060		1.50
									2M139070		1.75
									2M139080		2.00
									2M139100		2.50

	CC	CYL/ENG						REF LEGEND PAGES 8-11	SET #	CYL/SET	mm
YAMAHA											
262cu. in.		6		205 PHP	101.60	2.00	4.78	032 BF PC GI	**5712**	6 Cyl.	STD
						2.00	4.80	126 RVT PC GI	**5712020**		0.50
						4.75	4.24	871 FV CR	**5712030**		0.75
								732 FV CR	**5712040**		1.00
									5712060		1.50
								362 BF 3CR GI	**2C5712**		STD
								126 RVT PC GI	**2C5712020**		0.50
								871 FV CR	**2C5712030**		0.75
								732 FV CR	**2C5712040**		1.00
									2C5712060		1.50
								397 BF PM S	**2M5712**		STD
								126 RVT PC GI	**2M5712020**		0.50
								871 FV CR	**2M5712030**		0.75
								732 FV CR	**2M5712040**		1.00
									2M5712060		1.50
YUGO-ZASTAVA											
128A	1116	4		GV	80.00	1.50	3.18	102 T PC GI	**6814**	4 Cyl.	STD
						2.00	3.71	401 SCRP PC GI	**6814020**		0.50
						4.00	3.81	056 FV CR	**6814030**		0.75
								732 FV CR	**6814032**		0.81
									6814040		1.00
									6814060		1.50
								362 BF 3CR GI	**2C6814**		STD
								401 SCRP PC GI	**2C6814020**		0.50
								056 FV CR	**2C6814024**		0.61
								732 FV CR	**2C6814030**		0.75
									2C6814032		0.81
									2C6814040		1.00
									2C6814060		1.50
									2C6814063		1.60
128C	1290	4	1989-1992	GVX	86.00	1.50	3.45	032 BF PC GI	**9514**	4 Cyl.	STD
						2.00	3.89	401 SCRP PC GI	**9514010**		0.25
						4.00	4.11	056 FV CR	**9514016**		0.41
								732 FV CR	**9514020**		0.50
									9514024		0.61
									9514030		0.75
									9514032		0.81
									9514040		1.00
									9514060		1.50
								362 BF 3CR GI	**2C9514**		STD
								401 SCRP PC GI	**2C9514010**		0.25
								056 FV CR	**2C9514016**		0.41
								732 FV CR	**2C9514020**		0.50
									2C9514030		0.75
									2C9514040		1.00

PART NUMBER	TOP GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	CYL. DIA.	POPULAR APPLICATIONS
120	3.180	3.180	4.000					98.43	Ford Motors
121	2.250	2.250	4.000					77.79	Ford Motors
122	2.250	2.250	4.000					77.79	Ford Motors
133	3.180	3.180	4.750					88.90	General Motors
2C133									
135	2.250	3.180	4.750					90.49	General Motors
2C135									
136	2.250	2.250	4.750					90.49	Ford Motors
2C136									General Motors
137	2.250	2.250	4.750					95.25	General Motors
2C137									Waukesha
139	2.000	2.000	4.750					101.60	American Motors-Also See Jeep-Eagle
2C139									Checker
2M139									Chrysler
									Dodge Trucks
									Ford Motors
									General Motors
									Hudson
									Jeep-Eagle - Includes American Motors,Chrysler & Willys
									Massey-Ferguson
									Nash
									Packard
									Palmer
									Studebaker & Lark
									Yamaha
142	3.180	3.180	4.000	4.000				79.38	Chrysler
143	2.250	3.180	4.000	4.000				79.38	Chrysler
144	2.250	2.250	4.000	4.000				82.55	Chrysler
2C144									Continental
									Dodge Trucks
									Massey-Ferguson
									Oliver-White Motors
148	2.000	2.000	4.750					99.31	Case
2C148									Chrysler
2M148									Dodge Trucks
215	1.600	1.600	1.600					50.80	West Bend
239	2.250	2.250						53.98	Clinton
240	2.250	2.250	4.750					50.80	Clinton
245	2.250	2.250	2.250					60.33	Atlas Royal
									Brooklure
									Evinrude
									Sea Bee
268	3.180	3.180	3.180	3.180	3.180			63.50	Bendix
									West Bend
294	2.250	2.250	4.750					50.80	Midland
350	2.250	2.250						50.80	Pioneer-I.E.L.
									Power Products
365	1.600	1.600						50.80	Mcculloch
429	2.250	2.250	4.750	4.750				87.31	General Motors
430	2.250	2.250	4.750	4.750				80.96	General Motors
437	2.000	2.000	4.750					106.36	Chrysler
2M437									General Motors
2C438	2.250	2.250	4.000	4.000				85.73	Massey-Ferguson
									Nash
441	3.180	3.180	4.000	4.000				82.55	Chrysler
									Dodge Trucks
443	2.250	3.180	4.000	4.000				82.55	Chrysler
									Dodge Trucks
445	2.250	2.250	4.000	4.000				87.31	Chrysler
2C445									Continental
									Dodge Trucks
									Massey-Ferguson
446	2.250	2.250	4.000	4.000				82.55	Chrysler
450	2.000	2.000	4.750					94.46	Chrysler
2C450									General Motors
2M450									
458	2.250	2.250	4.750					88.90	Packard
465	2.250	2.250	2.250	4.750				84.14	International

PART NUMBER	TOP GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	CYL. DIA.	POPULAR APPLICATIONS
									Jeep-Eagle - Includes American Motors,Chrysler & Willys
2C468	3.180	3.180	3.180	4.750				90.49	Allis Chalmers
									Buda
									General Motors
473	2.250	2.250	4.750					84.14	Studebaker & Lark
474	2.000	2.000	4.750					85.73	Studebaker & Lark
486	2.250	2.250	4.750	4.750				87.31	General Motors
492	3.180	3.180	4.750					87.31	General Motors
									Packard
2C523	2.250	2.250	4.000	4.000				80.96	Ford Motors
524	2.250	2.250	4.000	4.000				77.79	Ford Motors
529	2.250	2.250	4.000	4.000				80.96	Ford Motors
2C531	2.250	2.250	4.750	4.750				88.90	Ford Motors
533	2.380	2.380	4.750	4.750				80.96	Ford Motors
2C533									
2C534	2.250	2.250	4.750					88.90	Ford Motors
2C535	2.250	2.250	4.750					80.96	Ford Motors
2C549	2.250	2.250	4.750	4.750				80.96	Ford Motors
562	2.380	2.380	4.750					88.90	Ford Motors
2C562									
563	2.380	2.380	4.750					92.08	Cockshutt
2C563									Ford Motors
									Mazda
									Oliver-White Motors
564	2.380	2.380	4.750					92.08	Dearborn
2C564									Ford Motors
									International
568	2.000	2.000	4.750					95.25	American Motors-Also See Jeep-Eagle
2C568									Chrysler
2M568									Dearborn
									Ford Motors
									General Motors
									Gray
									Jeep-Eagle - Includes American Motors,Chrysler & Willys
571	2.000	2.250	4.750					96.52	Dearborn
2C571									Ford Motors
2M571									Hillman
									Sunbeam-Talbot
574	2.000	2.380	4.750					102.87	Dearborn
2C574									Ford Motors
2M574									
576	2.000	2.250	4.750					109.22	Dearborn
									Ford Motors
577	2.000	2.380	4.750					101.60	Ford Motors
2C577									General Motors
2M577									
578	2.250	2.250	2.250	4.750				114.30	Ford Motors
2C578									International
2C579	2.250	2.250	2.250	4.750				104.78	Ford Motors
									International
582	2.000	2.000	4.750					88.90	Dearborn
2C582									Ford Motors
2M582									Frontenac-Canadian
									General Motors
2C583	2.000	2.250	4.750					94.49	Ford Motors
586	2.000	2.000	4.750					93.47	Ford Motors
2C586									
2M586									
2C589	2.000	2.250	6.000					98.43	Ford Motors
2C590	2.000	2.250	6.000					102.87	Ford Motors
2M590									
591	2.000	2.380	4.750					98.43	Ford Motors
2C591									
2M591									
592	2.000	2.000	4.750					101.60	Ford Motors
2C592									
2M592									
SM592									

PART NUMBER	TOP GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	CYL. DIA.	POPULAR APPLICATIONS
593	2.250	2.250	4.750	4.750				92.08	Ford Motors
594	2.000	2.000	4.750					102.87	Ford Motors
2C594									
2M594									
595	2.000	2.000	4.750					104.90	Ford Motors
2M595									
2M596	2.000	2.250	4.750					111.25	Ford Motors
2C597	1.600	1.600	3.000					107.51	Ford Motors
598	2.000	2.000	4.750					110.74	Berkeley Packajet
2C598									Ford Motors
2M598									
599	2.000	2.500	4.000					90.80	Ford Motors
2C599									
611	2.250	2.250	4.750	4.750				88.90	General Motors
618	2.250	2.250	4.750					87.31	General Motors
619	2.250	2.250	4.750					82.55	General Motors
620	2.250	2.250	2.250	4.750				79.38	Jeep-Eagle - Includes American Motors, Chrysler & Willys
624	2.250	2.250	4.750					85.73	General Motors
627	2.000	2.000	4.750					87.31	Chrysler
									Dodge Trucks
630	2.000	2.000	4.750					90.49	Chrysler
									Dodge Trucks
									Packard
									Studebaker & Lark
633	2.000	2.000	4.750					92.08	Chrysler
2C633									Dodge Trucks
2M633									General Motors
636	2.000	2.000	4.750					100.01	Chrysler
									Dodge Trucks
									Ford Motors
									General Motors
639	2.000	2.000	4.750					103.19	Chrysler
2C639									General Motors
2M639									
640	2.000	2.000	4.750					103.19	General Motors
641	2.000	2.000	4.750					103.98	General Motors
2M641									
643	2.000	1.600	4.750					105.44	General Motors
2M643									
644	2.000	2.000	4.750					104.65	General Motors
2C644									
2M644									
645	2.000	2.000	4.750					109.54	General Motors
2C645									Gray
2M645									
650	2.000	2.250	4.750					101.60	General Motors
651	2.000	2.250	4.750					104.78	General Motors
652	2.000	2.000	4.750					88.90	American Motors-Also See Jeep-Eagle
2C652									Checker
2M652									Ford Motors
									General Motors
									Hudson
									Nash
									Rover
653	2.000	2.000	4.750					92.08	General Motors
2C653									Holden
2M653									
656	2.000	2.000	4.750					95.25	American Motors-Also See Jeep-Eagle
2C656									General Motors
2M656									Gray
									International
									Jeep-Eagle - Includes American Motors,Chrysler & Willys
657	1.600	1.600	4.750					104.90	General Motors
660	2.000	2.000	4.750					98.43	Checker
2C660									Chrysler
2M660									Dodge Trucks
									General Motors
									Studebaker & Lark

PART NUMBER	TOP GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	CYL. DIA.	POPULAR APPLICATIONS
661	2.000	2.000	4.750					104.78	Barr
2C661									Berkeley Packajet
2M661									Chrysler
									General Motors
									Packard
662	2.000	2.000	4.750					85.73	General Motors
2C662									
663	2.000	2.000	4.750					87.31	Chrysler
2C663									Dodge Trucks
									General Motors
665	2.000	2.000	4.750					98.43	American Motors-Also See Jeep-Eagle
2C665									Jeep-Eagle - Includes American Motors,Chrysler & Willys
2M665									
666	2.000	2.000	4.750					90.49	General Motors
2C666									Studebaker & Lark
2M666									
667	2.000	2.000	4.750					98.43	American Motors-Also See Jeep-Eagle
2C667									Checker
2M667									Jeep-Eagle - Includes American Motors,Chrysler & Willys
									Studebaker & Lark
668	2.250	2.250	4.750					98.43	Massey-Ferguson
2C668									Oliver-White Motors
2M668									
669	1.600	1.600	3.000					87.31	Cord
2C669									General Motors
2M669									
670	1.600	1.600	4.750					98.43	General Motors
2M670									
671	2.380	2.000	2.000	4.750				100.01	General Motors
2C671									
2M671									
672	2.000	2.000	4.750					105.79	American Motors-Also See Jeep-Eagle
2C672									Jeep-Eagle - Includes American Motors,Chrysler & Willys
2M672									Palmer
2C673	2.000	2.000	4.750					88.90	General Motors
674	2.000	2.000	4.000					86.13	Chrysler
2C674									
675	2.000	2.000	4.000					76.90	Chrysler
2C675									Dodge Trucks
									Hyundai
									Mitsubishi
676	2.000	2.000	4.750					110.29	Chrysler
2C676									Dodge Trucks
2M676									
677	1.600	2.000	4.000					80.96	Ford Motors
2C677									
2M677									
680	2.250	2.250	4.750					79.38	American Motors-Also See Jeep-Eagle
2C680									Hudson
									Nash
681	2.000	2.000	4.750					93.66	Chrysler
2C682	2.000	2.000	4.750					96.05	Chrysler
									General Motors
683	2.000	2.000	4.750					107.95	Chrysler
2C683									Dodge Trucks
2M683									General Motors
687	2.000	2.000	4.750					86.36	Case
2C687									Chrysler
2M687									Dodge Trucks
									Massey-Ferguson
690	2.000	2.000	4.750					79.38	American Motors-Also See Jeep-Eagle
									Ford Motors
692	2.000	2.000	4.750					109.73	Chrysler
2C692									Dodge Trucks

PART NUMBER	TOP GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	CYL. DIA.	POPULAR APPLICATIONS
2M692									
693	2.000	2.000	4.750					103.63	American Motors-Also See Jeep-Eagle
2C693									Gray
2M693									Jeep-Eagle - Includes American Motors,Chrysler & Willys
694	2.000	2.000	4.750					102.62	Chrysler
2C694									General Motors
2M694									
695	2.000	2.000	4.750					109.22	General Motors
2M695									
696	2.000	2.000	4.750					96.52	Ford Motors
2C696									General Motors
2M696									Jeep-Eagle - Includes American Motors,Chrysler & Willys
697	2.000	2.000	4.750					103.07	Berkeley Packajet
2C697									General Motors
2M697									
698	2.000	2.000	4.750					98.30	General Motors
2C698									
2M698									
2C702	3.180	3.180	3.180	4.750				101.60	Allis Chalmers
									Hercules
									Kermath
									Le Roi
									Massey-Ferguson
2C710	3.180	3.180	3.180	3.180	4.750			76.20	International
2C712	4.750	4.750	4.750	4.750				95.25	Continental
									Hercules
2C722	6.350	6.350	6.350	6.000	6.350			139.70	John Deere
2C726	3.180	4.000	4.000	6.000				85.73	International
727	3.180	3.180	3.180	6.000				76.20	Case
2C727									Clark Equipment
									Continental
									International
									Massey-Ferguson
776	3.180	3.180	4.750					95.25	Ford Motors
2C825	2.250	2.250	4.000					80.96	Ford Motors
828	2.250	2.250	4.750					79.38	Henry-J
2C828									Jeep-Eagle - Includes American Motors,Chrysler & Willys
									White
834	2.000	2.000	4.750					84.94	Jeep-Eagle - Includes American Motors,Chrysler & Willys
2C834									
835	2.250	2.250	4.750	4.750				79.38	Jeep-Eagle - Includes American Motors,Chrysler & Willys
2C4006	3.180	3.180	3.180	4.750				107.95	Autocar
2C4007	3.180	3.180	3.180	4.750				101.60	Autocar
									Chris-Craft
									Hall Scott
									Hercules
									Kermath
									Mack
									Oliver-White Motors
									Waukesha
									White
2C4008	3.180	3.180	3.180	4.750				92.08	General Motors
									Hercules
									International
									Lycoming
									Volvo
4018	3.180	3.180	4.750					76.20	Hercules
2C4018									Waukesha
2C4047	1.000	1.200	2.000					71.00	Suzuki
4048	2.250	3.180	4.750					88.90	Packard
2C4056	3.180	3.180	3.180	4.750				114.30	Autocar
									General Motors
									Hercules
									Mack
									Waukesha
4064	3.180	3.180	3.180	4.750	4.750			98.43	Buda

PART NUMBER	TOP GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	CYL. DIA.	POPULAR APPLICATIONS
2C4064									Mack
2C4070	3.180	3.180	3.180	4.750				85.73	Chris-Craft
									Hercules
									International
									John Deere
									Kermath
									Waukesha
									White
4072	3.180	3.180	3.180	4.750				82.55	Hercules
2C4072									Massey-Ferguson
									White
2C4084	3.180	3.180	3.180	4.750				92.08	Waukesha
2C4106	1.200	1.500	2.500					85.00	Peugeot
2C4108	1.200	1.500	2.000					82.00	Bmw-Cars
2C4113	1.000	1.000	1.500					80.50	Toyota
2C4114	1.000	1.200	1.500					94.00	General Motors
2C4115	1.200	1.200	2.000					77.90	General Motors
2C4118	1.200	1.200	2.500					78.00	Kia
2C4122	1.200	1.000	2.000					87.00	Honda
4123	2.250	2.250	6.000					80.96	International
2C4123									
2C4132	1.000	1.000	2.000					90.00	Toyota
4157	4.750	4.750	4.750	4.750				114.30	Hercules
2C4157									Oliver-White Motors
									Waukesha
2C4158	1.500	1.500	2.800					73.60	Nissan
2N4158									Oliver-White Motors
2C4162	1.200	1.200	2.000					73.40	Opel
2C4170	1.200	1.500	2.500					78.00	Suzuki
4171	2.000	2.000	4.500					90.00	General Motors
2C4174	1.200	1.500	2.500					87.50	General Motors
2C4175	1.500	1.500	2.000					76.50	General Motors
4177	1.500	2.000	4.000					94.00	Volkswagen
4178	1.500	2.000	4.000					92.00	Volkswagen
2C4179	1.200	1.500	2.000					86.00	General Motors
									Mitsubishi
2C4181	1.200	1.500	2.000					77.00	Bmw-Cars
4182	3.180	3.180	3.180	6.000				76.20	Continental
2M4183	1.200	1.500	2.500					95.50	Ford Motors
2C4184	1.200	1.200	2.500					74.00	Suzuki
2C4186	1.200	1.200	2.500					78.00	Suzuki
2M4197	1.500	1.500	2.500					90.00	Saab
2C4199	1.200	1.200	2.000					79.00	General Motors
4203	2.000	2.000	4.750					96.00	Ford Motors
2C4203									Ford Motors
2M4203									
4205	2.000	2.500	4.000					93.00	Ford Motors
2C4205									
2M4206	1.500	1.500	4.000					87.50	Chrysler
2M4207	1.500	1.500	4.000					87.00	Isuzu-Japanese
2N4207									Toyota
2C4208	1.200	1.500	2.800					74.00	General Motors
2N4208									
2D4210	2.000	2.000	4.000					85.98	Ford Motors
									Mazda
									Toyota
4212	2.000	2.000	4.000					88.00	General Motors
2D4212									Isuzu-Japanese
2C4214	1.750	2.000	4.000					89.00	Bmw-Cars
4215	2.380	2.380	2.380	4.750				82.55	International
2C4215									Massey-Ferguson
									Waukesha
									Wisconsin
4216	1.500	1.500	4.000					92.00	Mazda
2C4216									Toyota
2M4216									
2N4216									
4217	1.500	1.500	4.000					84.00	Isuzu-Japanese
2M4217									Toyota
4218	1.500	1.500	4.000					82.00	General Motors
2M4218									

PART NUMBER	TOP GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	CYL. DIA.	POPULAR APPLICATIONS
4219	1.500	1.500	4.000					86.00	Nissan
2C4219									Toyota
2M4219									
2C4220	1.000	1.200	2.000					68.00	Suzuki
4221	1.500	1.500	2.800					83.00	Nissan
2C4221									
4222	1.500	1.500	4.000					87.50	Chrysler
2C4222									Dodge Trucks
2M4222									
2D4223	2.000	2.000	4.000					83.00	Toyota
2D4225	2.000	2.000	4.000					92.00	Toyota
2C4228	1.750	2.000	4.000					89.00	Bmw-Cars
4229	2.000	2.500	4.000	4.000				90.00	Toyota
2C4229									
2C4231	2.500	3.180	4.750	4.750				101.60	Chris-Craft
									Hercules
									International
									Scripps
4233	2.380	2.380	4.000	4.000				84.14	Checker
									Continental
									Frazer
									Gray
									Jeep-Eagle - Includes American Motors,Chrysler & Willys
									Kaiser
4234	1.500	1.500	2.800					65.50	Suzuki
2C4234									
4235	2.000	2.000	4.750					88.90	General Motors
2C4237	1.200	1.500	4.000					78.00	Mazda
4239	3.180	3.180	3.180	4.750	4.750			96.84	Buda
2C4239									
4241	1.500	2.800						77.00	General Motors
2M4241									Isuzu-Japanese
4244	1.600	1.600	4.750					69.72	Harley-Davidson
4246	2.000	2.000	4.000					95.00	Opel
2C4246									
4247	2.000	2.000	4.000					84.00	Chrysler
2C4247									Dodge Trucks
									General Motors
									Isuzu-Japanese
									Mitsubishi
									Toyota
4248	1.750	2.000	4.000					75.00	Opel
2C4248									
2D4249	3.000	2.000	4.500					100.00	Nissan
4250	1.500	1.750	4.000					84.00	Alfa-Romeo
2C4250									
4253	1.750	2.000	4.000					80.60	Chrysler
2C4253									Peugeot
4256	1.500	1.500	4.750					89.00	General Motors
2M4256									
4257	1.750	2.000	4.000					88.00	Citroen
2M4257									Jeep-Eagle - Includes American Motors,Chrysler & Willys
									Renault
2C4258	1.200	1.500	2.800					74.00	General Motors
									Suzuki
4261	1.500	1.500	3.000					81.94	Ford Motors
2M4261									
4262	1.500	1.500	4.000					96.80	Ford Motors
2M4262									
4265	1.500	1.500	4.000					78.00	Ford Motors
2C4265									Kia
2M4265									Mazda
									Nissan
4266	2.000	2.000	4.000					76.00	Nissan
2C4266									Renault
									Subaru
									Toyota
2M4267	3.000	2.000	4.500					100.00	Nissan
2C4273	1.500	1.500	3.000					70.30	Volkswagen

PART NUMBER	TOP GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	CYL. DIA.	POPULAR APPLICATIONS
4276	2.000	3.000	4.000					90.00	Ford Motors
4277	2.000	2.000	4.000					68.00	Mazda
4279	1.500	2.000	4.000					88.00	Peugeot
2C4279									
4280	1.500	1.750	4.500					84.00	Alfa-Romeo
2C4280									
4282	2.000	2.500	4.000					76.50	Audi
2C4282									Volkswagen
4283	3.180	3.180	3.180	6.000	4.750			114.30	Buda
2C4283									
4284	1.500	1.500	3.000					92.00	General Motors
2M4284									
4286	1.600	2.000	4.000					90.80	Ford Motors
2C4286									
4288	2.380	3.180	3.180	4.750	4.750			87.31	Buda
2C4288									Cockshutt
4289	1.600	1.600	4.750					88.90	Rover
2C4289									Triumph
2C4290	1.500	1.750	4.000					88.00	Alfa-Romeo
2C4291	1.500	1.750	3.500					80.00	Alfa-Romeo
4293	2.000	2.000	4.000					80.50	Toyota
2C4293									
4294	2.000	2.000	4.000					82.00	General Motors
2C4294									Isuzu-Japanese
2M4294									Subaru
4298	2.000	2.000	5.000					87.00	Volkswagen
2C4298									
2C4299	1.500	1.500	5.000					87.00	Volkswagen
4301	1.500	1.500	4.000					82.00	Ford Motors
2M4301									Isuzu-Japanese
2C4303	1.750	2.500	4.000					86.00	Mercedes-Benz
4304	2.000	2.500	5.000					79.50	Audi
2C4304									Volkswagen
2C4305	3.000	2.250	4.750					114.30	International
2C4313	1.500	1.500	2.500					79.50	Renault
4320	2.000	2.500	4.000					87.00	Mercedes-Benz
2C4320									
4330	1.750	2.000	4.000					76.00	American Motors-Also See Jeep-Eagle
2C4330									Peugeot
									Renault
4340	1.500	2.000	4.000					84.00	Bmw-Cars
2C4340									
4341	1.500	1.750	3.000					81.00	Audi
2C4341									Volkswagen
2M4341									
4342	2.000	2.000	4.000					71.00	Chrysler
2C4342									Mitsubishi
4346	1.500	1.500	4.000					101.60	Ford Motors
2M4346									Jeep-Eagle - Includes American Motors,Chrysler & Willys
									Palmer
4347	1.500	1.500	4.000					73.00	Hyundai
2C4347									Mazda
									Mitsubishi
									Nissan
4353	1.500	1.500	4.000					76.90	Chrysler
2C4353									Mitsubishi
2C4354	1.000	1.000	2.000					77.60	General Motors
4355	1.500	1.500	3.000					70.62	Austin-Rover
									M.G.
									Rover
2C4356	1.200	1.200	2.000					79.00	Ford Motors
2C4357	1.000	1.200	2.000					81.00	Hyundai
									Kia
2C4358	1.200	1.000	2.000					92.00	Suzuki
4360	2.000	2.500	4.000					75.00	Audi
2C4360									
4361	2.000	2.000	4.000					87.31	Hillman
2C4361									Sunbeam-Talbot
4362	1.500	1.500	2.800					71.00	Nissan

PART NUMBER	TOP GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	CYL. DIA.	POPULAR APPLICATIONS
2C4362									
2C4363	1.000	1.200	2.800					74.00	Honda
2C4364	1.200	2.800						74.00	Honda
									Suzuki
2C4365	1.500	1.500	4.000					88.00	Isuzu-Japanese
4366	1.600	2.000	4.750					101.60	American Motors-Also See Jeep-Eagle
2C4366									General Motors
2M4366									
4367	1.500	1.500	4.000					80.60	Chrysler
2C4367									Jeep-Eagle - Includes American Motors,Chrysler & Willys
									Mitsubishi
4369	1.750	2.000	3.500					65.00	Renault
2C4369									
2C4371	2.500	2.500	5.000					86.00	Isuzu-Japanese
4373	2.000	2.000	4.000					70.00	Peugeot
2C4373									
2D4379	2.250	2.250	4.750					95.00	Mazda
2D4380	2.500	2.000	4.000					88.00	Daihatsu
									Isuzu-Japanese
4381	2.000	2.000	4.000					78.00	Mazda
2C4381									
4386	2.380	3.180	3.180	4.750				92.08	Lycoming
2C4386									
2C4389	2.000	2.000	4.750					101.60	Hercules
2D4390	2.500	2.000	4.000					86.00	Isuzu-Japanese
2D4391	2.500	2.000	2.000	4.500	4.500			83.00	International
									Nissan
4393	1.500	1.500	4.000					82.00	General Motors
2C4393									
4394	2.000	2.000	4.000					86.00	Nissan
2C4394									
4396	1.500	1.500	4.000					74.00	Chrysler
2C4396									Honda
2M4396									Mitsubishi
4398	2.000	2.000	4.750					82.55	Oliver-White Motors
									Wisconsin
2C4400	2.250	3.180	3.180	4.750				94.46	General Motors
4408	1.500	2.000	4.750					89.00	General Motors
2M4408									
4409	1.500	1.500	4.000					93.47	Ford Motors
2C4409									
4410	2.000	2.000	4.000					73.00	Nissan
2C4410									
4411	2.000	2.500	4.000					86.50	Mercedes-Benz
2C4411									
2C4412	1.500	2.000	4.000					78.00	Ford Motors
4413	2.000	2.000	5.000					79.00	Opel
2C4413									
4415	2.000	2.000	5.000					85.00	Opel
2C4415									
4416	2.000	2.000	5.000					87.00	Opel
2C4416									
4417	2.000	2.000	4.750					80.96	Vauxhall
2C4417									
2D4423	2.000	2.000	2.000	5.000				88.00	Opel
2C4424	2.000	2.000	4.000					72.00	Skoda
4426	2.000	2.500	4.000					87.68	Ford Motors
2C4426									
2C4434	1.200	1.000	2.000					84.00	Suzuki
4435	1.500	1.500	2.800					74.00	Honda
2C4435									
2C4437	1.200	1.500	2.000					88.00	Rover
2C4439	1.200	1.200	2.000					78.00	Nissan
2C4441	1.600	2.000	4.000					90.00	Jaguar
2C4443	1.750	1.750	4.000					90.30	Triumph
2C4446	1.200	1.500	4.000					83.00	Subaru
2M4447	1.500	1.500	3.000					88.00	General Motors
2C4448	1.750	2.000	4.000					79.00	Renault
2C4449	1.500	1.500	2.800					62.00	Suzuki

PART NUMBER	TOP GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	CYL. DIA.	POPULAR APPLICATIONS
4450	1.600	1.750	3.500					93.00	Ford Motors
2C4450									
2M4450									
2C4451	1.200	1.500	3.000					71.00	Ford Motors
									Kia
									Mazda
4452	2.000	1.500	4.000					89.00	Nissan
2C4452									
2M4452									
4453	1.500	1.500	4.000					91.10	Chrysler
2M4453									Dodge Trucks
									Hyundai
									Mitsubishi
4454	2.000	2.000	4.750					110.52	Barr
2C4454									Berkeley Packajet
2M4454									General Motors
2M4455	1.750	2.000	4.000					88.00	American Motors-Also See Jeep-Eagle
4456	1.500	1.500	4.000					89.00	General Motors
2M4456									Isuzu-Japanese
4457	2.250	2.250	4.750					66.68	Bendix
4458	1.500	1.500	3.000					96.50	General Motors
2M4458									
4459	1.500	1.500	2.800					76.00	Daihatsu
2C4459									
4460	1.500	2.000	4.000					76.00	Lada-Russian
2C4460									
4461	1.500	2.000	4.000					82.00	Lada-Russian
2C4461									
4465	2.250	2.250	4.750	2.250	4.750			66.68	Bendix
4466	2.000	2.500	5.000					86.50	American Motors-Also See Jeep-Eagle
2C4466									Audi
									Porsche
4468	1.500	1.500	3.000					92.00	General Motors
2M4468									
4469	2.250	2.250	4.750	4.750				66.68	Bendix
4470	1.750	2.000	4.000					76.70	Simca
2C4470									
2C4471	1.600	2.000	4.000					74.00	Ford Motors
2D4472	1.750	2.000	3.000					76.50	Volkswagen
4473	2.000	2.000	4.000					76.60	Toyota
2C4473									
2C4475	2.000	2.000	2.800					82.00	Honda
4476	1.500	2.000	4.000					80.50	Nissan
2C4476									
4477	1.750	1.750	3.500					96.00	Volvo
2C4477									
4478	1.500	1.500	3.000					94.00	General Motors
2M4478									
4479	1.500	2.000	4.000					76.00	Fiat
2C4479									
4480	1.500	1.500	4.000					91.00	Toyota
2C4480									
4481	2.000	2.000	3.500					70.00	Fiat
2C4481									
4482	2.000	2.500	4.000					79.00	Ford Motors
2C4482									
2C4484	1.750	2.500	4.000					69.50	Audi
									Volkswagen
2C4485	2.000	2.000	4.000					76.00	Nsu
4486	1.500	2.000	4.000					72.00	Peugeot
2C4486									
4487	1.750	2.000	3.000					76.50	Audi
2D4487									Volkswagen
4488	1.500	2.000	4.000					88.00	Peugeot
2C4488									Renault
									Volvo
4490	1.750	2.000	4.000					79.50	Audi
2C4490									Chrysler
2M4490									Volkswagen

PART NUMBER	TOP GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	CYL. DIA.	POPULAR APPLICATIONS
4492	2.000	2.000	4.000					76.50	Mitsubishi
2C4492									
4493	1.500	2.000	4.000					76.00	Fiat
2C4493									Lada-Russian
4494	2.250	2.250	3.180					47.63	Le Roi
2D4498	1.750	2.000	3.000					76.50	Audi
									Volkswagen
2C4499	1.500	1.500	4.000					82.70	Honda
2M4499									
2C4501	1.200	1.500	2.000					80.00	Bmw-Cars
2C4504	1.200	1.200	2.000					77.00	Hyundai
									Kia
2C4510	1.200	1.500	2.500					83.00	Volvo
2C4511	1.200	1.200	2.000					94.00	Lexus
									Toyota
2C4512	3.000	3.000	3.000	5.500				97.00	Mercedes-Benz
4515	1.500	1.500	3.000					96.00	Ford Motors
2M4515									
2C4516	1.200	1.200	2.000					89.00	Nissan
4517	1.500	1.500	3.000					71.08	General Motors
2C4517									
2C4519	1.500	2.000	3.000					86.40	Fiat
2M4520	1.500	1.500	2.500					102.00	Ford Motors
2C4521	1.200	1.200	2.500					84.00	Suzuki
2C4522	1.200	1.200	2.500					68.50	Dae Woo Racer
4523	1.500	1.500	3.000					86.40	Fiat
2C4523									
2C4526	1.200	1.200	2.000					76.50	Hyundai
									Kia
2C4528	1.200	1.750	3.000					83.00	Volvo
4532	2.000	1.500	4.000					99.50	Nissan
2M4532									
4536	4.000	4.000	4.000	4.000				215.90	Ajax
2D4541	1.500	1.750	3.000					81.00	Audi
									Volkswagen
2C4542	1.500	1.500	2.500	4.000				87.00	Mercedes-Benz
4544	1.750	2.500	4.000					81.75	Mercedes-Benz
2C4544									
2C4548	1.200	1.500	2.000					82.00	Ford Motors
2C4549	1.200	1.500	2.500					69.00	Renault
2C4550	1.200	1.200	2.000					96.00	Chrysler
									Dodge Trucks
									Hyundai
									Kia
2C4551	1.200	1.500	3.000					81.60	General Motors
4555	1.500	1.500	3.000					84.00	Fiat
2C4555									
4557	1.500	1.500	2.000					84.00	Bmw-Cars
2C4557									
2C4558	1.200	1.200	2.000					85.00	Mitsubishi
2C4559	1.500	1.500	2.000					80.00	Bmw-Cars
2C4561	1.200	1.200	3.000					91.00	Lexus
2C4562	1.200	1.500	2.000					82.50	Volkswagen
2C4563	1.200	1.750	3.000					82.50	Audi
2C4564	1.200	1.500	2.000					88.00	General Motors
2C4565	1.200	1.500	2.500					76.00	Ford Motors
2C4566	1.200	1.200	3.000					94.00	Toyota
2C4567	1.200	1.500	2.800					88.00	Suzuki
2C4569	1.200	1.500	2.500					77.90	General Motors
2C4571	1.200	1.200	2.000					93.40	Isuzu-Japanese
2C4573	1.200	1.500	2.000					84.00	Bmw-Cars
2C4576	1.200	1.200	2.000					75.50	Hyundai
2C4580	1.200	1.200	2.500					67.00	Hyundai
2D4583	2.000	1.500	3.000					96.00	Toyota
2M4584	1.500	1.750	2.000					81.00	Audi
2C4586	1.200	1.200	2.000					94.00	Toyota
2C4590	1.000	1.200	2.000					81.00	Audi
									Volkswagen
2C4596	1.200	1.500	2.000					79.00	Opel
2C4597	1.200	1.200	2.000					69.70	General Motors
2C4598	1.000	1.000	1.500					71.00	Toyota

PART NUMBER	TOP GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	CYL. DIA.	POPULAR APPLICATIONS
2M4599	1.200	1.200	2.500					92.20	Ford Motors
4600	1.750	2.000	3.000					81.00	American Motors-Also See Jeep-Eagle
2C4600									Renault
4601	1.500	1.500	3.000					86.00	General Motors
2M4601									Infiniti
									Isuzu-Japanese
									Nissan
2C4602	1.200	1.500	3.000					78.99	General Motors
4603	1.500	1.500	4.000					89.30	Isuzu-Japanese
2C4603									
2N4603									
4609	1.600	1.600	4.750					87.31	Harley-Davidson
2D4611	3.180	3.180	3.180	6.350				95.25	Continental
									Massey-Ferguson
									Oliver-White Motors
									Waukesha
4612	1.500	1.500	4.000					94.00	Toyota
2C4612									
2C4613	1.200	1.500	3.000					85.00	Chrysler
									Jeep-Eagle - Includes American Motors,Chrysler & Willys
									Mitsubishi
4614	1.500	1.750	4.000					83.00	Seat
2C4614									
4617	1.500	2.000	3.500					80.00	Bmw-Cars
2C4617									
4618	1.500	1.500	4.000					71.00	Mitsubishi
2C4618									
2C4619	1.500	1.500	2.500					78.00	Mitsubishi
2D4620	2.000	2.000	4.000					90.50	Rover
2C4621	1.200	1.500	2.500					79.00	General Motors
									Opel
2C4623	1.000	1.200	2.000					80.00	Rover
4625	2.000	2.000	4.750					92.00	Jaguar
2C4625									
4626	2.000	1.500	4.000					101.60	General Motors
2M4626									
4627	1.600	1.750	3.500					100.40	Ford Motors
2M4627									Mazda
4628	1.500	1.500	3.000					90.20	Ford Motors
2M4628									
4630	2.000	2.000	4.500					82.00	Mazda
2C4631	1.200	1.500	4.000					75.00	Honda
4632	1.500	1.500	4.000					75.00	Toyota
2C4632									
4633	1.500	1.500	3.000					73.00	Toyota
2C4633									
2N4633									
4634	1.750	2.000	3.500					94.00	Volkswagen
2C4634									
4635	1.500	1.500	3.000					84.78	General Motors
2C4635									
4636	1.500	1.500	3.000					93.00	Chrysler
2M4636									Dodge Trucks
									Jeep-Eagle - Includes American Motors,Chrysler & Willys
4637	1.500	1.500	4.000					92.60	Honda
2M4637									Isuzu-Japanese
4638	1.500	1.500	4.000					86.50	Chrysler
2C4638									Dodge Trucks
									Hyundai
									Jeep-Eagle - Includes American Motors,Chrysler & Willys
									Mitsubishi
2C4639	1.200	1.500	2.000					82.50	Audi
									Volkswagen
2C4640	1.200	1.500	2.800					75.00	Acura
									General Motors
									Honda
									Suzuki
2C4644	1.200	1.200	4.000					84.00	Acura

PART NUMBER	TOP GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	CYL. DIA.	POPULAR APPLICATIONS
									Sterling
2C4645	1.200	1.200	4.000					87.00	Acura
									Honda
									Sterling
2C4646	1.200	1.200	2.800					77.00	General Motors
									Isuzu-Japanese
2C4647	1.200	1.200	3.000					80.00	General Motors
									Isuzu-Japanese
4648	1.500	1.500	3.000					96.00	Chrysler
2M4648									Dodge Trucks
2N4648									Jeep-Eagle - Includes American Motors,Chrysler & Willys
4649	1.500	1.500	4.000					92.00	General Motors
2M4649									
2C4650	1.200	1.500	2.800					89.00	Ford Motors
4651	1.500	1.500	3.000					83.00	Ford Motors
2C4651									Kia
2N4651									Mazda
									Peugeot
4652	1.750	2.000	3.500					70.00	Renault
2C4652									
2C4653	1.200	1.500	4.000					86.00	Toyota
2C4654	1.200	1.200	2.800					85.00	Honda
									Isuzu-Japanese
2C4658	1.200	1.500	2.800					81.00	Honda
4659	1.500	1.500	2.800					76.00	Nissan
2C4659									
4660	1.500	1.500	2.800					89.00	Nissan
2C4660									
2C4661	2.000	1.500	4.000					85.00	Nissan
4662	1.500	1.500	2.800					78.00	Nissan
2C4662									
4663	2.250	2.250	4.750					80.96	Lauson-Tecumseh
4664	1.500	1.750	4.000					85.50	Volkswagen
2C4664									
4665	1.500	1.500	4.000					81.00	Mazda
2C4665									
2C4666	1.000	1.200	2.800					81.00	Acura
									Honda
2C4667	1.200	1.200	2.800					90.00	Acura
2C4668	1.200	1.500	3.000					75.50	Chrysler
									Hyundai
									Jeep-Eagle - Includes American Motors,Chrysler & Willys
									Mitsubishi
2C4669	1.200	1.500	3.000					82.30	Chrysler
									Hyundai
									Jeep-Eagle - Includes American Motors,Chrysler & Willys
									Mitsubishi
2C4670	1.200	1.500	3.000					91.10	Chrysler
									Dodge Trucks
									Mitsubishi
2C4672	1.750	1.750	3.500					93.00	Chrysler
									Jeep-Eagle - Includes American Motors,Chrysler & Willys
4673	1.500	1.500	4.000					69.50	Mitsubishi
2C4673									
2M4676	1.500	1.500	3.000					87.50	Lexus
									Toyota
2M4678	1.500	1.500	3.000					87.50	Lexus
									Toyota
2C4679	1.500	1.500	4.000					90.00	Mazda
2M4679									
4681	1.500	1.500	2.800					84.50	Nissan
2C4681									
2C4682	2.000	2.000	4.000					78.00	Nissan
4683	1.500	1.500	3.000					81.00	Audi
2M4683									General Motors
2N4683									Toyota
									Volkswagen
2C4684	1.200	1.500	2.800					81.00	General Motors

PART NUMBER	TOP GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	CYL. DIA.	POPULAR APPLICATIONS
									Toyota
4686	1.500	1.500	3.000					87.00	Toyota
2M4686									
4687	1.750	1.500	4.000					95.00	Toyota
2C4687									
2C4688	2.000	2.000	4.000					94.00	Toyota
4689	1.500	1.500	4.000					87.50	Lexus
2M4689									Toyota
2N4689									
2C4690	1.000	1.200	2.800					75.00	Honda
4691	1.500	1.500	3.000					80.00	Ford Motors
2C4691									
2M4691									
2C4692	1.200	1.500	2.800					78.00	Subaru
4693	1.500	1.750	3.000					75.00	Audi
2C4693									
4694	1.500	1.500	4.000					71.80	Mitsubishi
2C4694									
4696	1.500	1.500	2.800					68.00	Nissan
2C4696									
2M4699	1.500	1.500	4.000					113.47	Mercedes-Benz
2C4701	1.200	1.500	2.500					89.00	General Motors
2C4703	1.200	1.500	2.500					86.00	Isuzu-Japanese
4705	2.000	2.000	4.750					89.00	General Motors
2C4705									
2D4706	2.500	2.000	5.000					82.00	Kubota
									Melroe Bobcat
2C4707	1.200	1.500	3.000					97.00	Subaru
4709	2.000	2.000	3.000					80.00	Opel
2D4709									Renault
2C4710	2.000	2.000	4.000					96.00	Toyota
4711	2.000	2.000	4.750					93.47	Ford Motors
2C4711									
2M4711									
2C4713	1.500	1.500	4.000					86.00	Holden
									Lexus
									Opel
									Toyota
4714	1.500	1.750	4.000					75.00	Seat
2C4714									
2M4717	1.500	1.500	4.000					96.80	Ford Motors
4718	2.000	2.000	4.750					107.95	General Motors
2C4718									
2M4718									
4719	2.380	2.000	2.000	4.750				100.01	General Motors
2C4719									
2M4719									
4720	2.000	1.500	4.000					101.60	General Motors
2M4720									
4721	2.000	2.000	4.750					101.60	General Motors
2M4721									
4722	1.500	1.500	4.000					91.86	Ford Motors
2C4722									
2M4724	3.000	2.000	4.000					90.90	Mercedes-Benz
4726	1.500	1.500	4.000					101.60	Dodge Trucks
2M4726									Ford Motors
2M4727	2.000	1.500	4.000					113.47	General Motors
									Mercedes-Benz
2C4728	3.000	2.250	2.250	4.750				111.76	Ford Motors
4731	1.600	1.600	4.000					70.61	Austin-Rover
4732	1.600	1.600	1.600	4.000				64.58	Austin-Rover
2C4733	1.200	1.500	3.000					81.00	General Motors
2N4733									Toyota
2M4734	1.500	1.500	3.000					87.50	Chrysler
4735	2.000	2.000	4.000					99.31	Chrysler
2C4735									Dodge Trucks
2M4735									Jeep-Eagle - Includes American Motors,Chrysler & Willys
4736	1.500	2.000	3.500					92.00	Bmw-Cars
2C4736									
2M4736									

PART NUMBER	TOP GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	CYL. DIA.	POPULAR APPLICATIONS
4737	1.500	1.500	3.000					78.00	Kia
2C4737									Mazda
2C4738	1.200	2.800						74.00	General Motors
									Suzuki
2C4739	1.200	1.200	2.800					83.00	Honda
4740	2.000	2.000	4.000					110.70	Ford Motors
2C4740									
2M4740									
2M4741	3.000	2.000	3.500					104.40	Ford Motors
4742	2.000	2.000	4.750					94.89	General Motors
2M4742									
2D4744	3.000	2.000	4.000					103.00	General Motors
									Hummer
4745	1.500	1.500	3.000					82.00	General Motors
2M4745									
4746	1.500	1.500	3.500					93.00	Alfa-Romeo
2M4746									
2C4749	1.200	1.500	3.000					83.00	Ford Motors
									Mazda
4750	1.500	1.500	3.000					84.50	Ford Motors
2C4750									Mazda
2C4751	2.000	1.500	3.000					76.00	Isuzu-Japanese
2C4753									Briggs & Stratton
4754	1.500	1.500	2.800					86.00	Nissan
2C4754									
2M4754									
2M4755	1.500	1.500	2.500					90.20	Ford Motors
4756	1.500	1.500	3.000					87.00	Kmz
4758	2.000	1.500	3.000					79.00	Isuzu-Japanese
2D4758									
2C4759	1.200	1.200	3.000					87.50	Chrysler
									Mitsubishi
4760	2.000	2.000	4.000					99.31	Dodge Trucks
2C4760									
2M4760									
4761	1.500	1.500	3.000					87.00	General Motors
2M4761									
2C4762	1.500	1.750	3.000					84.00	Bmw-Cars
2C4763	1.500	1.750	3.000					84.00	Bmw-Cars
2M4764	1.200	1.500	3.000					96.50	General Motors
2M4765	1.500	1.500	3.000					77.00	Kmz
4766	1.750	2.000	3.000					82.00	Renault
2C4766									
2C4767	1.200	1.200	2.800					87.00	Honda
2N4767									
2C4768	1.200	1.500	3.000					85.00	Hyundai
									Jeep-Eagle - Includes American Motors,Chrysler & Willys
									Mitsubishi
2C4769	1.200	1.200	2.800					81.00	Jeep-Eagle - Includes American Motors,Chrysler & Willys
									Mitsubishi
2C4770	1.200	1.500	3.000					81.50	Hyundai
2C4771	1.200	1.500	3.000					83.00	Mazda
4772	1.500	1.500	3.000					75.00	Mazda
2C4772									
2C4773	1.200	1.500	3.000					81.00	Toyota
2C4774	1.200	1.200	3.000					74.00	Toyota
4776	1.750	2.000	4.000					100.00	Lexus
2C4776									Toyota
4777	1.500	1.500	3.000					96.90	Subaru
2C4777									
2C4778	1.200	1.500	2.800					78.00	Subaru
2C4779	1.200	1.200	2.800					85.00	Acura
2C4780	1.200	1.500	2.800					86.50	Chrysler
									Dodge Trucks
									Hyundai
									Kia
									Mitsubishi
2C4781	1.200	1.200	2.500					93.00	Acura
2M4781									General Motors

PART NUMBER	TOP GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	CYL. DIA.	POPULAR APPLICATIONS
									Nissan
4782	1.500	1.500	3.000					75.50	Hyundai
2C4782									
2C4783	1.200	1.500	3.000					86.50	Chrysler
									Dodge Trucks
									Mitsubishi
2M4785	1.500	1.500	4.000					101.60	Dodge Trucks
2M4787	1.600	2.000	4.000					81.28	Ford Motors
4788	1.500	2.000	4.000					84.00	Toyota
2C4788									
2M4789	1.500	1.500	3.500					97.00	Porsche
4790	1.500	1.500	3.000					93.00	Chrysler
2M4790									Dodge Trucks
									General Motors
									Jeep-Eagle - Includes American Motors,Chrysler & Willys
2M4791	1.500	1.500	4.000					93.40	Honda
									Isuzu-Japanese
2M4793									Kkmz
2C4794	1.200	1.500	3.000					82.40	Ford Motors
4798	1.600	1.600	4.000					65.09	Briggs & Stratton
4800	1.500	1.750	3.000					86.40	Fiat
2C4800									
4801	1.500	1.500	3.000					82.00	General Motors
2C4801									
4802	1.500	1.750	4.000					82.00	General Motors
2M4802									
4803	1.500	1.500	3.000					76.96	Volkswagen
2C4803									
4804	1.500	2.000	4.000					86.40	Fiat
2C4804									
2M4805	1.500	1.500	2.500					95.25	Harley-Davidson
2C4807	1.500	1.500	2.800					62.00	Suzuki
2C4808	1.200	1.500	2.000					67.10	Volkswagen
4812	1.500	1.500	3.000					77.60	Opel
2C4812									
2C4813	1.200	1.200	2.500					72.00	Briggs & Stratton
4814	1.500	1.500	3.000					90.20	Ford Motors
2M4814									
4815	1.500	1.500	4.000					98.43	Jeep-Eagle - Includes American Motors,Chrysler & Willys
2M4815									
2M4816	1.500	1.500	3.000					101.60	Chrysler
2C4817	1.200	1.500	3.000					87.90	Subaru
2C4818	1.750	2.000	3.500					96.50	Mercedes-Benz
4819	1.500	1.500	3.000					76.50	Dae Woo Racer
2M4820	1.750	2.000	3.500					89.00	Mercedes-Benz
2C4821	2.000	2.000	3.000					82.49	Opel
2C4822	2.500	2.000	3.000					89.00	Mercedes-Benz
2C4826	2.000	2.000	4.000					82.00	General Motors
2C4828	2.000	2.500	5.000					79.50	Volkswagen
4829	1.500	1.750	3.000					81.00	Volkswagen
2C4829									
2C4830	1.500	2.000	4.000					76.00	Fiat
4831	1.500	2.000	4.000					76.00	Fiat
2C4831									
4832	1.750	2.000	3.000					76.50	Volkswagen
2C4832									
4833	1.750	2.000	4.000					79.50	Volkswagen
2C4833									
2C4834	1.500	1.500	3.000					84.78	General Motors
2C4835	1.200	1.200	2.000					86.00	Chrysler
									Jeep-Eagle - Includes American Motors,Chrysler & Willys
									Mitsubishi
2C4840	2.250	2.250	4.750					98.43	General Motors
4841	2.000	2.000	5.000					85.50	Volkswagen
2C4841									
4843	1.750	2.000	4.000					77.00	Ford Motors
2C4843									
2D4845	3.000	2.000	3.000					103.00	General Motors

PART NUMBER	TOP GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	CYL. DIA.	POPULAR APPLICATIONS
4848	1.500	1.750	4.000					84.78	General Motors
2M4848									
2C4850	1.200	1.200	2.000					81.00	Honda
4851	2.000	2.000	4.000					77.00	Volkswagen
4854	3.180	3.180	4.750					69.85	Hercules
									Le Roi
									Waukesha
									Wisconsin
4856	1.500	1.750	3.000					68.68	Ford Motors
2C4856									
4858	1.500	1.750	3.000					73.93	Ford Motors
2C4858									
4859	1.500	1.750	3.000					75.80	Renault
2C4859									
4860	1.500	1.500	3.000					101.60	General Motors
2M4860									
4862	1.500	1.500	3.000					101.60	General Motors
2M4862									
4863	1.500	1.500	3.000					75.50	Skoda
2C4863									
2C4864	2.000	2.000	3.000					78.00	Renault
4865	2.000	2.000	3.000					83.00	Citroen
2D4865									Peugeot
2M4866	1.200	1.500	2.000					96.50	General Motors
2C4867	1.500	1.500	4.000					81.00	Mazda
2C4868	1.200	1.500	2.800					75.00	Tata
2C4871	1.750	2.000	3.000					81.00	Volkswagen
2M4873	3.160	2.500	3.460					104.40	Ford Motors
2C4874	1.200	1.200	2.000					73.80	General Motors
2C4875	1.200	1.500	3.000					76.00	Daihatsu
4876	1.600	1.750	3.000					86.00	Ford Motors
2C4876									
2C4877	2.250	2.250	2.250	4.750				107.95	Minneapolis-Moline - White Motors
2C4878	2.250	3.180	4.750					87.31	Chris-Craft
									Hercules
4879	2.000	2.000	4.000					101.60	Ford Motors
2M4879									
2M4880	1.500	1.500	4.000					87.50	Chrysler
2C4881	1.200	1.500	2.800					92.00	Ford Motors
2D4882	3.160	2.000	3.460					104.40	Ford Motors
4883	1.500	1.500	3.000					93.00	Hyundai
2M4883									Kia
									Mitsubishi
2C4884	1.200	1.500	2.800					75.50	Mitsubishi
4885	1.500	1.500	3.000					96.80	Ford Motors
2M4885									
2N4885									
2C4886	1.200	1.500	3.000					82.40	Ford Motors
4887	1.500	1.750	3.000					84.86	Ford Motors
2M4887									
2C4888	1.200	1.500	3.000					89.00	Ford Motors
									General Motors
4889	1.500	1.500	3.000					84.86	Ford Motors
2M4889									
2C4890	1.200	1.500	3.000					96.00	Chrysler
2M4890									Dodge Trucks
									Jeep-Eagle - Includes American Motors,Chrysler & Willys
2C4891	1.200	1.500	3.000					82.00	General Motors
2M4892	1.500	1.500	2.800					93.00	Infiniti
2C4893	1.200	1.500	4.000					92.00	General Motors
2M4893									
2C4894	1.200	1.500	3.000					93.00	General Motors
2C4895	1.200	1.500	3.000					87.00	General Motors
2M4896	1.500	1.500	3.000					86.00	General Motors
2M4897	1.500	1.500	3.000					99.00	General Motors
2C4898	1.200	1.500	3.000					90.00	General Motors
2M4898									
2C4899	1.500	1.500	2.800					91.50	Nissan
4900	1.600	2.000	4.000					86.20	Ford Motors

PART NUMBER	TOP GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	CYL. DIA.	POPULAR APPLICATIONS
2C4900									
2C4901	1.200	1.200	2.500					75.00	General Motors
									Suzuki
2C4902	1.200	1.200	3.000					87.50	Lexus
2N4902									Toyota
2C4903	1.200	1.500	3.000					92.00	Chrysler
									General Motors
2M4907	1.500	1.500	3.000					103.00	Chrysler
									Dodge Trucks
									Jeep-Eagle - Includes American Motors,Chrysler & Willys
4908	1.500	1.500	4.000					95.00	Hyundai
2C4908									Toyota
2N4908									
2C4909	1.200	1.500	2.000					82.70	Renault
4911	1.500	1.500	4.000					93.50	Toyota
2C4911									
2N4911									
4912	1.500	1.500	3.000					96.00	Ford Motors
2C4912									Mazda
2M4912									
2D4914	3.000	2.250	4.000					102.00	Cummins
									Dodge Trucks
2M4915	1.600	1.600	4.000					80.96	Harley-Davidson
2M4916	1.600	1.600	4.000					87.31	Harley-Davidson
2M4917	1.600	1.600	4.000					88.84	Harley-Davidson
4918	1.500	1.500	3.000					80.30	Mazda
2C4918									
2C4919	1.000	1.200	2.500					75.30	Mazda
4921	1.500	1.750	3.000					81.00	Volkswagen
2C4921									
4922	1.750	2.000	3.000					81.00	Volkswagen
2C4922									
4923	1.500	1.750	2.000					81.00	Audi
2M4923									Volkswagen
2C4924	1.200	1.500	2.000					82.50	Audi
4925	1.500	1.500	4.000					98.43	Dodge Trucks
2M4925									Jeep-Eagle - Includes American Motors,Chrysler & Willys
2C4926	1.500	1.500	4.000					82.00	Isuzu-Japanese
2C4927	1.500	1.750	3.000					82.50	Audi
									Volkswagen
2C4928	1.200	1.500	3.000					83.50	Chrysler
4929	2.000	2.000	2.000	4.750				107.95	General Motors
2C4929									
2M4929									
4930	1.500	1.500	3.000					94.00	Rover
2M4930									
2C4931	1.200	1.500	3.000					92.25	Ford Motors
4932	1.500	1.500	3.000					76.00	Fiat
2C4932									
2C4933	1.200	1.500	2.800					85.00	Jeep-Eagle - Includes American Motors,Chrysler & Willys
2N4933									Mitsubishi
2M4934	3.000	2.000	4.000					90.90	Mercedes-Benz
4935	1.500	1.500	3.000					76.00	Nissan
2C4935									
2C4936	3.000	2.350	4.000					102.00	Cummins
4937	1.500	1.500	3.000					92.25	Ford Motors
2M4937									
4938	2.000	2.000	4.000					96.00	Nissan
2M4938									
2D4939	2.500	2.000	4.000					96.00	Nissan
2M4940	1.500	1.200	2.800					90.00	Acura
2M4941	1.500	1.500	2.500					98.43	Harley-Davidson
2M4942	1.500	1.500	3.000					95.25	Harley-Davidson
2C4943	1.200	1.200	2.500					82.00	Hyundai
2C4944	1.200	1.200	2.500					74.00	General Motors
									Suzuki
2M4945	1.500	1.500	3.000					93.40	Honda
									Isuzu-Japanese

PART NUMBER	TOP GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	CYL. DIA.	POPULAR APPLICATIONS
2M4946	1.500	1.500	3.000					86.00	Chrysler
2C4947	1.200	1.200	3.000					79.00	General Motors
									Toyota
2C4948	1.200	1.500	3.000					87.50	Chrysler
									Dodge Trucks
2M4949	1.600	1.600	4.750					92.08	Holden
2M4950	1.600	1.600	4.000					96.84	Harley-Davidson
4951	1.500	1.500	4.000					83.00	Nissan
2C4951									
2M4952	1.600	1.600	4.750					92.08	Holden
2M4953	1.600	1.600	4.750					96.84	Harley-Davidson
2D4954	2.000	2.000	3.000					84.50	Nissan
2M4955	1.500	1.500	3.500					84.00	Alfa-Romeo
2C4957	1.200	1.500	2.800					99.50	Subaru
2C4958	1.500	2.800						76.00	Nissan
2C4959	1.200	1.500	2.500					84.00	General Motors
2N4959									Suzuki
2C4961	1.500	1.500	4.000					78.00	Ural
2C4962	1.200	1.500	3.000					75.00	Honda
									Rover
2C4963	1.200	1.500	2.500					89.50	General Motors
4964	3.000	3.000	3.000	4.000				80.00	Bendix
2C4965	4.750	4.750	4.750	4.750	8.000			119.06	John Deere
4967	2.250	2.250	4.750	2.250	4.750			70.61	Bendix
2C4969	1.200	1.200	2.800					86.00	Acura
									Honda
2C4971	1.200	1.200	2.800					86.00	Acura
									Honda
2C4972	1.200	1.200	2.800					89.00	Acura
									General Motors
									Honda
2C4973	1.200	1.200	2.800					84.00	Honda
2N4973									
2C4974	1.000	1.200	2.800					75.00	Honda
2D4975	2.800	2.000	4.000					101.05	General Motors
2M4976	1.500	1.750	3.000					88.50	Mercedes-Benz
4977	1.500	1.500	2.000					77.00	Ford Motors
2C4977									Volkswagen
2M4978	1.500	1.500	3.000					96.00	General Motors
2C4979	1.200	1.500	3.000					89.00	General Motors
2M4979									
2C4980	1.200	1.200	2.500					84.00	Hyundai
2D4981	2.000	1.750	3.000					77.00	Peugeot
4982	2.000	2.000	3.000					82.50	Ford Motors
2D4982									
2C4984	1.200	1.500	2.500					82.00	General Motors
2M4985	1.600	1.600	4.750					98.43	Harley-Davidson
2M4987	1.500	1.750	3.000					84.86	Ford Motors
4988	1.500	1.750	3.000					74.00	Mazda
2C4988									Renault
2D4989	2.000	2.000	3.000					86.00	Mazda
4990	1.500	1.750	3.000					82.70	Renault
2C4990									Volvo
2C4991	1.200	1.750	3.000					84.86	Ford Motors
2C4992	1.200	1.500	2.500					84.86	Ford Motors
2C4993	1.200	1.750	3.000					81.00	Volvo
2C4994	1.200	1.500	2.500					78.00	Suzuki
2C4995	1.500	1.500	2.500					69.00	Renault
2C4996	1.200	1.500	3.000					86.00	General Motors
2C4997	1.750	2.000	3.000					93.00	Saab
2C4998	1.200	1.500	3.000					94.00	Rover
4999	1.500	1.500	4.000					95.00	Toyota
2M4999									
2C5005	1.200	1.200	3.000					86.00	Toyota
2C5006	1.200	1.200	3.000					87.00	Toyota
2N5006									
2C5012	3.180	3.180	3.180	4.750	4.750			88.90	Allis Chalmers
									Cockshutt
									Continental
									Mack
5013	1.500	1.500	3.000					70.00	Fiat

PART NUMBER	TOP GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	CYL. DIA.	POPULAR APPLICATIONS
2C5013									Peugeot
2M5014	1.500	1.500	3.000					93.00	Chrysler
									Dodge Trucks
2M5015	1.500	1.500	3.000					70.50	Toyota
2C5016	2.000	2.000	3.000					83.00	Toyota
2M5017	1.500	1.500	4.000					94.00	Lexus
									Toyota
2C5018	1.200	1.500	3.000					90.20	Ford Motors
5019	1.600	2.000	4.000					77.24	Ford Motors
2M5019									
2D5020	1.500	1.500	2.000					81.00	Audi
									Volkswagen
5021	1.500	1.500	2.500					75.00	Peugeot
2C5021									Volkswagen
2C5022	1.500	1.500	2.500					76.50	Volkswagen
2C5024	1.200	1.500	2.500					93.00	General Motors
2C5025	1.200	1.200	3.000					74.00	John Deere
2M5026	1.500	1.750	3.500					78.00	Alfa-Romeo
2C5027	1.200	1.500	3.000					92.00	Subaru
2D5028	3.180	3.180	3.180	4.750				95.25	Autocar
									Buda
									Cockshutt
									Continental
									General Motors
									Hercules
									International
									Lycoming
									Massey-Ferguson
									Oliver-White Motors
									Waukesha
									White
5029	1.750	2.000	3.000					79.50	Volkswagen
2C5029									
5030	2.000	2.000	4.000					75.00	Bendix
5032	1.500	1.500	3.000					80.00	Bendix
2C5033	3.180	3.180	3.180	4.750	4.750			101.60	Continental
									Mack
5038	2.000	2.000	4.000					80.00	Perkins
2C5039	1.200	1.500	2.800					68.50	Dae Woo Racer
									Suzuki
2D5040	2.000	2.000	3.000					94.50	Kia
2D5042	2.000	2.000	3.000					91.10	Hyundai
2D5043	2.250	2.500	3.000					86.00	Renault
5044	2.250	2.250	3.180					69.72	Harley-Davidson
5045	2.250	2.250	2.250	4.000				82.55	Indian
5046	1.750	1.750	4.000					83.00	Peugeot
2C5046									
2C5047	2.250	3.180	3.180	4.750				90.49	General Motors
									International
5049	2.380	2.000	4.750					100.01	General Motors
2C5049									
2M5049									
2C5051	1.200	1.200	2.500					70.00	Fiat
2C5052	1.200	1.200	2.500					70.80	Fiat
2C5054	2.000	1.500	4.000					99.50	Toyota
2C5056	2.500	2.000	4.000					95.00	Mitsubishi
2D5057	2.000	2.000	4.000					93.00	Isuzu-Japanese
2D5058	2.000	2.000	4.000					85.00	Nissan
2C5059	1.200	1.500	3.000					68.00	Kia
5060	3.180	3.180	4.750					82.55	Allis Chalmers
2C5060									Chris-Craft
									Hercules
									John Deere
									Kermath
									Le Roi
									Massey-Ferguson
									Scripps
									Waukesha
5063	3.180	3.180	3.180	4.750				87.31	Allis Chalmers
2C5063									Buda
									Cockshutt

PART NUMBER	TOP GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	CYL. DIA.	POPULAR APPLICATIONS
									Continental
5064	3.180	3.180	3.180	4.750				96.84	Buda
2C5064									
5065	1.500	1.750	3.000					86.00	Peugeot
2M5065									
2D5066	2.500	2.000	4.500					100.00	Kia
2D5067	2.000	2.000	3.000					100.00	Kia
5068	1.750	2.000	3.000					75.00	Peugeot
2C5068									
2M5069	1.200	1.500	2.500					88.84	Harley-Davidson
2M5070	1.500	1.750	3.000					89.90	Mercedes-Benz
2C5071	1.750	2.000	3.500					95.50	Mercedes-Benz
2C5074	1.500	1.750	3.000					82.90	Mercedes-Benz
5075	2.000	2.000	4.750					80.96	Ford Motors
5076	1.500	1.500	3.000					75.00	Opel
2C5076									
2C5077	1.200	1.500	2.500					89.00	Ford Motors
									Mazda
2M5080	1.500	1.500	2.500					101.60	Harley-Davidson
5081	3.180	3.180	3.180	4.750	4.750			114.30	Hall Scott
2C5081									Mack
									Waukesha
2C5083	1.500	1.500	2.800					68.50	Suzuki
5084	2.000	2.000	5.000					92.00	Opel
2C5084									
5085	2.000	2.000	4.000					107.95	General Motors
2C5085									
2M5085									
2C5086	1.750	2.000	3.000					75.00	Audi
									Volkswagen
2C5087	1.200	1.200	3.000					82.00	General Motors
									Toyota
2C5089	1.200	1.200	2.000					86.00	Acura
									Honda
									Toyota
2C5090	1.200	1.200	2.000					88.50	Toyota
2N5090									
2C5091	1.200	1.200	2.000					75.00	Toyota
2N5091									
2C5093	2.250	3.180	3.180	4.750				87.31	International
2M5094	1.500	1.500	3.000					86.00	Chrysler
2C5095	1.200	1.500	2.000					81.00	Volkswagen
5097	1.500	1.500	3.000					99.50	Chrysler
2M5097									Dodge Trucks
2C5099	1.200	1.200	2.500					89.00	Nissan
									Suzuki
2C5102	3.180	3.180	3.180	4.750	4.750			87.31	Allis Chalmers
									Buda
									Cockshutt
2C5104	1.200	1.500	2.800					81.50	Hyundai
5106	2.380	3.180	3.180	4.750	4.750			87.31	Buda
2C5106									Cockshutt
5107	1.500	1.500	3.000					89.00	Ford Motors
2M5107									
2C5109	1.200	1.500	2.500					84.00	Suzuki
2C5111	1.000	1.200	2.000					75.00	Honda
2C5112	1.200	1.200	2.500					95.50	Infiniti
									Nissan
2C5114	1.200	1.500	2.500					92.25	Ford Motors
2C5115	1.200	1.500	3.000					78.00	Mazda
2C5117	3.180	3.180	3.180	4.750				88.90	Allis Chalmers
									Case
									Oliver-White Motors
									Wisconsin
5119	1.600	1.600	3.180					76.01	Triumph
2M5120	1.500	1.500	3.000					91.00	Jaguar
5123	2.380	2.380	2.250	4.750				82.55	Wisconsin
2C5123									
2C5125	1.200	1.500	2.500					87.50	Chrysler
2C5127	2.250	2.250	4.750					87.31	Chris-Craft
									Hercules

PART NUMBER	TOP GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	CYL. DIA.	POPULAR APPLICATIONS
2M5129	1.200	1.200	2.000					104.80	General Motors
2C5130	1.200	1.500	2.500					86.00	General Motors
2N513050									Saab
									Suzuki
2C5131	1.200	1.500	2.500					87.50	General Motors
2C5133	1.200	1.500	2.500					94.00	General Motors
2M5133									
2C5134	1.200	1.200	2.500					92.00	Subaru
2C5135	1.200	1.500	2.500					79.50	Nissan
2C5136	1.200	1.200	2.500					66.00	Hyundai
2C5137	1.200	1.500	2.500					93.00	General Motors
2C5139	1.200	1.500	2.500					93.00	General Motors
2M5139									
2C5140	1.200	1.200	2.500					99.50	Subaru
2M5141	1.200	1.200	2.000					99.50	Chrysler
									Dodge Trucks
2C5142	1.200	1.500	2.500					86.00	Ford Motors
2C5143	1.200	1.200	2.500					80.00	Nissan
2C5144	1.200	1.500	2.000					82.04	Ford Motors
2M5145	1.500	2.000	3.500					89.00	Bmw-Cars
2C5146	1.200	1.000	2.000					87.60	Mitsubishi
2C5147	1.200	1.200	2.000					87.00	Honda
2C5148	1.200	1.200	2.000					87.00	Mitsubishi
5149	2.250	2.250	2.250	4.750				76.20	Wisconsin
2C5150	1.200	1.500	3.000					84.86	Ford Motors
2C5151	1.200	1.200	2.000					94.00	Toyota
2M5153	1.500	1.500	2.500					103.12	Harley-Davidson
2C5154	1.200	1.200	2.500					76.50	Hyundai
									Kia
2C5155	2.250	3.180	3.180	4.750	4.750			104.78	Mack
									Volvo
2C5156	2.500	3.180	3.180	6.000				101.60	Chrysler
									Dodge Trucks
2M5157	1.500	1.500	3.000					104.78	Harley-Davidson
2C5158	1.200	1.200	2.500					87.50	Ford Motors
2N5158									Mazda
2N515850									
2C5159	1.200	1.200	2.500					77.00	Bmw-Cars
2C5160	1.200	1.500	3.000					81.60	Ford Motors
									Mazda
5161	1.750	1.500	3.500					95.00	Opel
2C5161									
2C5162	1.200	1.200	2.500					89.00	Ford Motors
2C5163	2.000	2.000	3.000					87.00	Mercedes-Benz
2C5164	1.200	1.500	2.500					92.50	Ford Motors
2M5165	1.200	1.500	2.500					93.00	Chrysler
									Dodge Trucks
2C5167	1.200	1.200	2.500					96.90	Subaru
2M5168	1.500	1.500	2.000					87.50	Mazda
2C5169	1.200	1.200	2.000					95.00	Mitsubishi
2M5170	1.200	1.500	2.500					101.60	General Motors
5172	2.250	2.250	3.180	4.750				76.20	Oliver-White Motors
2C5173	1.200	1.200	2.500					81.50	Mitsubishi
2C5177	1.200	1.500	2.500					76.50	Dae Woo Racer
									Hyundai
									Volkswagen
2C5179	1.200	1.200	2.500					87.00	Acura
2C5182	1.200	1.200	2.500					76.00	Mitsubishi
2C5183	1.200	1.200	3.000					92.00	Toyota
2C5184	1.200	1.200	2.500					75.50	Kia
2C5185	1.200	1.200	2.000					80.50	General Motors
									Opel
2C5186	1.200	1.200	2.500					93.00	Infiniti
2C5187	1.200	1.500	3.000					100.40	Ford Motors
5188	1.500	1.500	2.500					98.00	Infiniti
2M5188									Nissan
2C5189	1.200	1.200	2.500					72.00	General Motors
									Kia
5193	2.380	2.380	4.750					87.31	Harley-Davidson
2C5193									
5194	1.500	1.600	2.500					80.60	Ford Motors

PART NUMBER	TOP GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	CYL. DIA.	POPULAR APPLICATIONS
2C5194									
2C5196	1.200	1.200	2.500					77.40	Hyundai
5200	1.500	1.500	3.000					81.60	Opel
2C5200									
5201	1.500	1.500	4.000					81.50	Nissan
2C5203	1.200	1.500	2.000					85.00	Bmw-Cars
2C5205	1.200	1.500	2.000					68.68	Ford Motors
2M5206	1.500	1.500	3.000					107.95	Harley-Davidson
2C5207	1.000	1.000	1.500					67.10	Volkswagen
2C5209	2.500	2.250	2.250	4.750				101.60	General Motors
2M5210	1.500	1.500	4.000					101.60	Holden
2C5211	1.200	1.500	2.000					92.00	Bmw-Cars
2C5212	1.750	2.000	3.000					79.50	Audi
									Seat
									Skoda
									Volkswagen
2C5213	2.250	3.180	4.750					101.60	Chris-Craft
									Hercules
									Scripps
2C5215	1.200	1.500	2.500					95.50	General Motors
2C5218	1.200	1.500	2.000					77.60	Opel
2C5219	1.200	1.200	2.000					99.50	Subaru
2C5221	1.200	1.500	2.500					80.00	Kia
2C5223	1.200	1.200	2.000					84.00	Nissan
2C5225	1.000	1.200	1.500					89.00	General Motors
2M5227	1.200	1.500	2.500					93.00	General Motors
2C5228	1.200	1.500	2.500					88.00	General Motors
2C5236	1.200	1.500	2.500					95.50	General Motors
2C5239	1.200	1.500	2.000					86.00	Bmw-Cars
2C5245	1.500	1.500	3.000					81.60	General Motors
5247	1.500	1.750	3.000					80.50	Fiat
2C5247									
5248	1.500	1.600	2.500					76.00	Ford Motors
2C5248									
2C5250	1.200	1.200	2.800					67.00	Hyundai
2C5251	1.500	1.500	3.000					72.00	Opel
2C5252	1.200	1.200	2.000					72.50	General Motors
2C5253	1.000	1.200	2.000					73.00	Honda
5254	1.500	2.000	4.000					80.50	Fiat
2C5255	2.250	2.250	2.250	4.750				94.46	General Motors
2C5257	2.250	2.250	2.250	4.750				90.49	General Motors
2C5259	1.200	1.500	2.000					73.94	Ford Motors
2C5260	1.200	1.200	2.000					92.00	Hyundai
									Kia
2C5261	1.200	1.200	2.000					95.00	Toyota
2C5263	2.250	3.180	4.750	4.750				87.31	Hercules
									Kermath
5264	1.500	1.500	3.000					71.50	Hyundai
2C5264									
2C5265	1.200	1.200	2.500					86.68	Hyundai
									Kia
2C5266	1.200	1.200	2.000					72.00	Daihatsu
									Fiat
									Toyota
2C5267	1.000	1.000	2.000					88.50	Toyota
2C5269	1.500	1.500	3.000					81.60	Opel
2C5270	1.200	1.500	2.500					99.00	General Motors
2C5273	1.200	1.200	2.500					68.50	Dae Woo Racer
2M5275	1.500	1.200	2.000					103.25	General Motors
2C5276	1.200	1.500	2.000					71.08	General Motors
2C5278	1.200	1.200	2.500					90.00	Suzuki
2C5280	2.250	3.180	4.750					90.49	International
5281	1.750	1.500	4.000					86.00	Toyota
2C5283	1.500	1.500	3.000					88.80	Opel
5289	1.500	1.500	3.000					78.00	Mazda
2C5289									
2M5292	1.500	1.500	2.500					103.25	General Motors
2C5293	1.200	1.200	2.000					95.50	Infiniti
									Nissan
2C5294	1.200	1.500	2.500					76.50	Volkswagen
2C5296	1.500	1.500	2.000					92.00	Bmw-Cars

PART NUMBER	TOP GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	CYL. DIA.	POPULAR APPLICATIONS
2M5296									Rover
2C5297	1.200	1.200	2.000					88.00	Chrysler
									Hyundai
									Jeep-Eagle - Includes American Motors,Chrysler & Willys
									Kia
									Mitsubishi
2C5298	1.200	1.200	2.000					67.00	Hyundai
2N5298									
2M5299	1.200	1.200	2.500					101.60	Harley-Davidson
5300	1.500	1.500	4.000					80.50	Toyota
2C5301	1.200	1.500	3.000					79.00	General Motors
2M5304	1.500	1.750	2.500					92.90	Mercedes-Benz
2C5311	2.250	2.250	4.750					95.25	Kmz
2C5316	1.200	1.200	2.500					83.00	Ford Motors
2C5319	3.000	2.250	4.750					98.43	International
5325	3.000	2.000	4.000					91.00	Mercedes-Benz
2M5325									
2C5332	3.000	2.250	2.250	4.750	4.750			98.43	Hercules
2C5343	3.180	3.180	3.180	6.350	6.350			142.88	Buda
2C5360	2.250	2.250	4.750					90.49	Oliver-White Motors
5364	2.000	2.000	4.000					92.00	Subaru
2C5364									Volkswagen
2M5364									
5373	1.750	2.500	4.000					93.75	Mercedes-Benz
2C5373									
2D5374	2.250	2.000	3.500					95.00	Ford Motors
5376	1.500	1.500	3.000					83.00	Kmz
2M5378	1.500	1.500	3.000					103.00	Chrysler
									Dodge Trucks
2M5379	1.200	1.200	2.000					104.00	Chrysler
									Dodge Trucks
2M5380	10.000	12.000	19.500					96.00	General Motors
2C5382	1.000	1.200	1.500					82.50	Audi
									Volkswagen
2C5384	1.200	1.200	2.000					86.70	Hyundai
									Kia
2C5385	4.750	4.750	8.000					82.50	Audi
									Seat
									Skoda
									Volkswagen
2C5389	1.200	1.200	2.000					71.50	Hyundai
									Kia
2C5391	1.200	1.500	2.000					76.50	Audi
2N5391									Seat
									Skoda
									Volkswagen
2C5392	1.000	1.000	2.000					72.50	Toyota
2C5393	1.200	1.200	2.000					78.00	Nissan
2C5395	1.200	1.000	2.000					80.50	Toyota
2C5438	1.200	1.200	2.000					76.50	Audi
2N5438									Seat
									Skoda
									Volkswagen
5462	2.000	2.500	4.000					94.00	Toyota
2C5462									
2M5462									
2C5466	2.250	2.250	4.750					95.25	Wisconsin
5474	2.000	2.000	4.750					96.52	General Motors
2C5474									Yamaha
2M5474									
5477	2.000	2.000	4.750					93.24	General Motors
2C5477									
2M5477									
2C5480	3.000	3.000	3.000	5.500	5.500			97.00	Mercedes-Benz
5485	2.380	2.000	4.750					102.87	Ford Motors
2C5485									
2M5485									
5486	2.000	2.000	2.000	4.500				90.00	Peugeot
2D5486									
5490	1.750	2.500	4.000					92.00	Mercedes-Benz

PART NUMBER	TOP GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	CYL. DIA.	POPULAR APPLICATIONS
2C5490									
5496	2.000	2.500	4.000					87.00	Saab
2C5496									
5497	1.750	2.000	4.000					87.00	Saab
5499	2.000	2.000	4.750					94.89	Checker
2C5499									General Motors
2M5499									Yamaha
2M5501	1.600	1.600	3.000					104.78	General Motors
CM5501									
2M5502	2.000	2.000	4.750					101.60	General Motors
									Mercedes-Benz
2M5504	2.000	2.000	4.750					101.60	Chrysler
									Ford Motors
									General Motors
2M5505	1.600	1.600	4.750					101.60	Ford Motors
									General Motors
2M5508	2.000	2.000	4.750					101.60	Chrysler
									Ford Motors
									General Motors
2M5510	1.600	1.600	4.750					104.78	General Motors
2M5511	2.000	2.000	4.750					103.19	Chrysler
									Ford Motors
									General Motors
2M5512	2.000	2.000	4.750					103.98	General Motors
2M5513	2.000	2.000	4.750					104.78	Chrysler
									General Motors
2M5514	2.000	2.000	4.750					107.95	Chrysler
									General Motors
2M5515	1.600	1.600	4.750					107.95	Chrysler
									General Motors
2M5518	2.000	2.000	4.750					107.95	Chrysler
									General Motors
2M5519	1.600	1.600	4.750					107.95	Chrysler
									General Motors
2M5520	1.600	1.600	4.750					109.73	Chrysler
2M5521	1.600	1.600	3.000					101.60	Chrysler
CM5521									Ford Motors
									General Motors
2M5522	1.600	1.600	3.000					98.43	General Motors
2M5523	1.600	1.600	4.750					101.60	Ford Motors
									General Motors
2M5525	1.600	1.600	4.750					102.87	Ford Motors
2M5526	1.600	1.600	4.750					107.51	Ford Motors
2M5527	1.600	1.600	4.750					96.00	Ford Motors
2M5528	1.600	1.600	4.750					109.73	Chrysler
2M5529	1.600	1.600	4.750					104.78	General Motors
C5530	1.500	1.500	4.000					101.60	Ford Motors
CM5530									
C5531	2.000	2.000	4.750					101.60	Chrysler
CM5531									Ford Motors
									General Motors
C5532	1.600	1.600	4.750					101.60	Chrysler
CM5532									Ford Motors
									General Motors
C5533	2.000	2.000	4.750					104.78	Chrysler
CM5533									General Motors
C5534	1.600	1.600	4.750					104.78	Chrysler
CM5534									General Motors
2M5535	1.500	1.500	4.000					101.60	Ford Motors
2M5536	1.600	1.600	4.750					110.74	Ford Motors
2M5537	1.600	1.600	4.750					113.44	General Motors
2M5538	1.600	1.600	3.000					101.60	Ford Motors
									General Motors
2M5539	1.600	1.600	3.000					104.78	General Motors
2M5540									Chrysler
C5540									Ford Motors
CM5540									General Motors
C5541	1.600	1.600	4.750					107.95	Chrysler
CM5541									General Motors
2M5542	1.600	1.600	4.750					105.79	American Motors-Also See Jeep-Eagle

PART NUMBER	TOP GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	CYL. DIA.	POPULAR APPLICATIONS
2M5543	1.600	1.600	4.750					105.44	General Motors
2M5545	1.600	2.000	4.000					80.96	Ford Motors
2M5548	2.000	2.000	4.750					94.89	General Motors
SC5556	1.200	1.200	3.000					87.50	Chrysler
2C5557	3.500	3.000	3.000	5.500				122.00	Fiat
SC5558	1.200	1.500	2.800					75.00	Honda
2C5559	3.000	3.180	3.180	4.750				98.43	International
5560	2.000	2.000	4.750					99.31	Chrysler
2C5560									Dodge Trucks
2M5560									
2M5561	2.000	2.000	4.750					102.62	Chrysler
									General Motors
5562	1.750	2.000	4.000					90.00	Saab
2C5562									
2C5564	3.000	2.000	4.000					91.00	Mercedes-Benz
2M5567	1.600	1.600	4.750					94.89	General Motors
5568	2.000	2.000	4.750					103.69	General Motors
2C5568									
2M5568									
5570	2.000	2.000	4.750					101.60	American Motors-Also See Jeep-Eagle
2C5570									Case
2M5570									Caterpillar
SM5570									General Motors
									Jeep-Eagle - Includes American Motors,Chrysler & Willys
									Mercedes-Benz
SC5572	1.000	1.200	2.800					81.00	Honda
5573	1.500	1.500	3.000					83.00	Mazda
2C5573									
2M5575	1.600	1.600	4.750					99.31	Chrysler
2M5577	1.600	1.600	4.750					110.30	Chrysler
2M5581	1.500	1.500	3.000					104.78	General Motors
5585	3.180	3.180	4.750					90.49	General Motors
5586	2.000	2.000	4.750					95.50	Chrysler
2C5586									
SM5587	1.092	1.092	3.000					101.60	Chrysler
									Ford Motors
									General Motors
2M5589	1.600	1.600	4.750					114.30	General Motors
2M5590	1.600	1.600	4.750					104.65	General Motors
2C5591	2.000	2.000	4.000					86.50	Opel
SM5593	1.092	1.092	3.000					104.78	Chrysler
									General Motors
5594	1.750	2.000	4.000					94.00	Volkswagen
2C5594									
5595	2.000	2.000	4.000					91.10	Chrysler
2C5595									Dodge Trucks
2M5595									Mitsubishi
2M5596	1.600	1.600	4.750					114.30	General Motors
SM5597	1.092	1.092	3.000					107.95	Chrysler
									General Motors
2C5603	3.500	3.000	5.500					115.00	Mercedes-Benz
2C5608	2.250	2.000	4.750					98.43	Ford Motors
2D5609	2.000	2.000	8.500					88.90	General Motors
2D5610	2.000	2.000	4.750					103.06	Checker
									General Motors
2M5612	2.000	2.000	4.750					96.52	General Motors
2M5613	2.000	2.000	4.750					96.00	Ford Motors
5614	2.000	2.000	4.750					96.52	General Motors
2M5614									
5615	2.000	2.000	4.750					101.60	General Motors
2C5615									
2M5615									
5616	2.000	2.000	4.750					95.25	General Motors
2C5616									
2M5616									
5617	2.000	2.000	4.750					94.89	Checker
2C5617									General Motors
2M5617									
5618	2.000	2.000	4.750					93.47	Ford Motors

PART NUMBER	TOP GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	CYL. DIA.	POPULAR APPLICATIONS
2C5618									
2M5618									
5619	2.000	2.000	4.750					100.71	General Motors
2C5619									
2M5619									
2M5620	2.000	2.000	4.750					101.60	General Motors
5621	2.380	2.000	4.750					110.74	Ford Motors
2C5621									
2M5621									
2C5622	3.000	2.250	4.750					101.60	Hercules
5623	2.000	2.500	4.000					88.50	Toyota
2C5623									
2D5627	2.500	2.000	3.000					87.00	Mercedes-Benz
5630	2.000	2.000	4.750					101.60	American Motors-Also See Jeep-Eagle
2C5630									General Motors
2M5630									Jeep-Eagle - Includes American Motors,Chrysler & Willys
5632	1.500	2.000	4.750					89.00	General Motors
2C5632									Jeep-Eagle - Includes American Motors,Chrysler & Willys
2M5632									
2C5633	2.000	2.000	4.000					94.00	Peugeot
2C5637	1.200	1.500	2.500					71.90	Ford Motors
									Skoda
2D5643	2.500	2.000	4.000					90.00	Toyota
5645	2.000	2.500	4.000					92.00	Nissan
2C5645									Toyota
2M5645									
2C5647	2.000	2.000	2.000	4.750				99.06	Ford Motors
5649	2.000	2.000	4.000					96.80	Ford Motors
2C5649									
2M5649									
5650	1.500	2.000	4.750					89.00	General Motors
2M5650									
2D5651	2.000	2.000	4.750					103.07	General Motors
5652	1.500	1.500	4.000					87.50	Chrysler
2C5652									Dodge Trucks
2M5652									
5653	1.600	2.000	4.000					79.94	Ford Motors
2C5653									
2M5653									
5654	2.000	2.000	4.000					88.00	General Motors
2C5654									
2M5654									
2D5655	2.800	2.000	4.000					101.05	General Motors
2C5657	1.200	1.500	4.000					92.00	Subaru
2C5659	2.000	2.000	4.000					91.00	Continental
2D5660	2.000	2.000	4.000					90.00	Toyota
2D5661	2.500	2.000	4.000					91.00	Continental
2D5662	2.000	2.000	4.000					101.60	Ford Motors
									International
5663	1.600	2.000	4.750					101.60	American Motors-Also See Jeep-Eagle
2C5663									General Motors
2M5663									Jeep-Eagle - Includes American Motors,Chrysler & Willys
5664	1.500	1.500	4.000					86.00	Ford Motors
2C5664									Kia
2M5664									Mazda
2N5664									
2D5666	2.500	2.000	4.000					91.10	Dodge Trucks
									Ford Motors
									Mitsubishi
5667	1.500	1.500	4.000					91.10	Chrysler
2C5667									Dodge Trucks
									Mazda
									Mitsubishi
5668	2.380	2.380	2.380	6.000				87.31	Continental
2C5668									Gray
5669	2.380	2.380	2.380	6.000				87.31	Cockshutt
2C5669									Continental

PART NUMBER	TOP GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	CYL. DIA.	POPULAR APPLICATIONS
									International
5671	2.380	2.380	4.750					60.33	Allis Chalmers
2C5671									Clark Equipment
									Continental
									Massey-Ferguson
2N5672	1.000	1.200	2.000					74.50	Volkswagen
5673	1.500	1.500	4.000					89.00	Nissan
2C5673									
2D5674	2.500	2.000	4.500					89.00	Nissan
2C5675	1.200	1.500	2.000					72.50	Opel
2N5675									Vauxhall
5678	3.180	3.180	3.180	4.750				101.60	Le Roi
2C5681	1.000	1.000	1.500					72.00	Fiat
2C5683	3.180	3.180	3.180	4.750				114.30	Le Roi
5688	2.000	2.000	4.750					93.47	Ford Motors
2C5688									
2M5688									
2C5689	2.000	2.250	4.750					101.60	Ford Motors
5690	2.000	2.000	4.750					89.32	Ford Motors
2C5690									
2M5690									
5691	1.500	2.000	4.000					91.00	De Lorean
2C5691									Volvo
5692	1.750	2.000	4.000					92.00	Volvo
2C5692									
2D5693	2.000	2.000	2.800					101.60	Ford Motors
									International
5695	1.750	2.000	4.000					96.00	Volvo
2C5695									
2D5697	2.000	2.000	2.800					101.60	Ford Motors
									International
5712	2.000	2.000	4.750					101.60	General Motors
2C5712									Yamaha
2M5712									
5716	1.500	1.500	4.000					75.50	Chrysler
2C5716									Hyundai
2M5716									Jeep-Eagle - Includes American Motors,Chrysler & Willys
									Mitsubishi
2M5721	1.600	1.600	4.750					92.08	Harley-Davidson
2M5722	2.000	2.000	4.750					92.08	Harley-Davidson
2C5723	1.000	1.000	1.500					73.00	Honda
5738	2.500	2.500	4.750					85.70	Nissan
2C5738									
2D5741	2.500	2.000	3.000					98.20	Ford Motors
5755	3.000	3.000	5.000					80.00	Porsche
2C5760	1.750	2.000	3.500					92.00	Mercedes-Benz
5761	1.500	1.500	4.000					96.00	Ford Motors
2C5761									Mazda
2M5761									
5762	1.500	1.500	4.000					89.00	Ford Motors
2C5762									Mazda
2M5762									
5782	2.000	2.000	4.000					83.00	Jaguar
5806	3.000	3.000	4.750					80.00	Opel
2C5825	1.200	1.200	2.000					82.00	Hyundai
									Kia
2C5828	1.200	1.200	2.000					79.00	Opel
2C5837	2.250	2.250	2.250	4.750	4.750			100.01	Ford Motors
5838	3.180	3.180	4.750					92.08	Cummins
2C5838									David Brown-Also See Case
2D5853	3.000	2.000	2.500					99.00	Ford Motors
2D5854	1.750	2.000	3.000					79.50	Audi
									Seat
									Skoda
									Volkswagen
2C5855	1.200	1.500	2.000					79.00	Ford Motors
2D5856	1.500	1.500	3.000					73.00	Bmw-Cars
									Toyota
2C5858	2.000	2.000	3.000					82.20	Citroen
2D5858									Fiat

PART NUMBER	TOP GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	CYL. DIA.	POPULAR APPLICATIONS
									Peugeot
2M5860	2.000	2.000	3.000					80.00	Opel
									Renault
									Vauxhall
2C5863	1.200	1.200	2.500					89.20	Subaru
2M5864	2.500	2.000	3.000					81.00	Audi
									Volkswagen
2C5868	2.500	2.500	4.000					77.00	Volkswagen
2M5872	2.870	2.500	3.460					107.00	Cummins
									Dodge Trucks
2C5877	1.200	1.200	2.000					92.00	Subaru
2M5878	1.500	1.500	4.000					92.13	Holden
2C5881	1.500	1.500	4.000					83.00	Citroen
									Peugeot
2M5882	1.500	1.500	4.000					92.13	Holden
5897	1.600	1.600	1.600	4.000				73.03	M.G.
									Morris
									Riley
5909	2.000	2.000	4.750					82.55	Ford Motors
2C5909									Thames-Also See Ford
									Wisconsin
5914	2.000	2.000	4.750					82.55	Ford Motors
5925	2.000	3.000	5.000					84.00	Ford Motors
2C5925									
5928	1.750	1.750	4.750					90.50	Rover
2C5928									
5948	2.250	2.250	4.750					77.00	Volkswagen
5960	2.250	2.250	2.250	4.750	4.750			85.73	Rover
2D5966	2.250	3.180	3.180	4.750	4.750			95.25	Volvo
2C5981									Ford Motors
5988	2.000	2.000	4.000					74.00	Alfa-Romeo
2C5988									
5993	2.500	2.500	5.000					85.00	Opel
2C5993									
5994	2.500	2.500	5.000					85.00	Opel
2C5994									
5998	2.000	2.000	2.500	4.000				72.00	Isetta
6008	2.250	2.250	4.750					69.85	Bendix
									Oliver-White Motors
6009	2.250	2.250	2.250	4.750	4.750			69.85	Bendix
2C6016	3.000	3.000	3.000	4.750				104.78	Cummins
6022	2.380	3.180	4.750					82.55	Hercules
2C6022									
6069	2.250	2.250	4.000					57.15	Utimotor
6081	4.750	4.750	4.750					127.00	Fairbanks-Morse
6082	4.750	4.750	4.750					146.05	Fairbanks-Morse
2C6094	2.250	2.250	4.750					104.78	Chrysler
2M6094									Dodge Trucks
									International
									Palmer
6113	2.000	2.500	5.000					80.00	Audi
2C6113									
2C6115	1.500	1.500	2.800					70.00	Honda
6116	1.500	1.500	2.800					72.00	Honda
2C6116									
6117	1.750	2.000	5.000					79.50	Volkswagen
2C6117									
6118	1.750	2.500	5.000					79.50	Audi
2C6118									Volkswagen
6119	2.000	2.000	4.000					93.00	Porsche
2C6119									Volkswagen
6121	2.000	2.000	2.800					88.00	Honda
6127	1.600	1.600	4.750					88.84	Harley-Davidson
2M6127									
6128	4.750	4.750	4.750					69.85	Midland
6130	2.380	3.180	4.750	4.750				88.90	Hercules
2C6130									
6131	1.500	1.500	4.000					72.00	Honda
2C6131									
6134	1.500	1.500	4.000					77.00	Honda
2C6134									Mazda

PART NUMBER	TOP GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	CYL. DIA.	POPULAR APPLICATIONS
6137	2.000	3.000	5.000					84.00	Ford Motors
2C6137									
6138	2.000	2.000	4.750					110.74	Mercedes-Benz
2C6138									
2M6138									
6139	1.500	2.000	4.000					86.40	Fiat
2C6139									
6140	1.500	1.500	2.800					77.50	Toyota
2C6140									
2C6141	1.200	1.500	4.000					80.00	Ford Motors
									Mazda
6142	1.500	2.000	4.000					86.00	Nissan
2C6142									
6143	1.500	2.000	4.000					79.00	Lada-Russian
2C6143									
6144	1.750	2.000	4.000					86.00	Bmw-Cars
2C6144									
2C6145	1.750	2.000	4.000					79.50	Audi
									Volkswagen
2C6146	1.200	2.000	4.000					76.00	Nissan
2D6147	2.500	2.000	4.500					83.00	Nissan
6148	1.500	2.000	4.000					83.00	Nissan
2C6148									
6149	1.500	1.500	4.000					87.00	General Motors
2C6149									Isuzu-Japanese
2M6149									Nissan
2C6150	1.500	2.000	4.000					86.00	Nissan
6151	1.500	1.500	4.000					76.00	Nissan
2C6151									
2M6151									
6152	1.500	1.500	4.000					84.07	General Motors
2C6152									
6153	1.500	1.500	2.800					76.00	Daihatsu
2C6153									Subaru
2C6154	1.200	1.500	4.000					77.00	Mazda
6155	1.500	2.000	4.000					80.00	Ford Motors
2C6155									Mazda
6156	1.500	1.500	4.000					84.50	Nissan
2C6156									Toyota
6157	2.000	2.000	4.000					87.00	General Motors
2C6157									Isuzu-Japanese
2M6157									Mercedes-Benz
2D6158	2.500	2.000	4.500					88.00	General Motors
									Isuzu-Japanese
2D6159	2.250	2.250	4.750					88.90	Ford Motors
									Mazda
									Perkins
2D6160	2.000	2.000	4.000					84.50	Nissan
2D6161	2.500	2.000	4.000					84.00	General Motors
									Isuzu-Japanese
6162	1.500	1.500	4.000					83.00	Nissan
2C6162									Toyota
2M6162									
6163	1.500	1.500	2.800					70.00	Daihatsu
2C6163									
6164	1.600	1.600	4.000					88.84	Harley-Davidson
2M6164									
6165	1.750	2.000	5.000					85.50	Volkswagen
2C6165									
6166	1.600	1.600	4.000					80.96	Harley-Davidson
2M6166									
2C6167	1.750	2.000	4.000					88.90	Volvo
2C6168	1.750	2.000	4.000					88.90	Volvo
2C6170	1.600	1.600	4.000					79.38	Kmz
6171	2.000	2.000	4.000					85.00	Chrysler
2C6171									Dodge Trucks
									Hyundai
									Mitsubishi
6172	2.000	2.000	4.000					80.60	Chrysler
2C6172									Mitsubishi
2C6173	1.200	1.200	2.800					74.00	Honda

PART NUMBER	TOP GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	CYL. DIA.	POPULAR APPLICATIONS
2C6174	1.000	1.200	2.800					72.00	Honda
6175	1.500	2.000	4.000					77.00	Mazda
2C6175									
2N6175									
2D6176	1.750	2.000	3.000					80.00	Nissan
6177	1.500	1.500	4.000					80.00	Honda
2C6177									
6179	1.500	1.500	4.000					75.00	Toyota
2C6179									
6180	1.500	1.500	2.800					81.00	General Motors
2C6180									Toyota
2M6180									
6184	2.000	2.000	2.000	4.750				82.55	Wisconsin
2C6184									
2C6185	1.500	1.500	2.800					68.50	Suzuki
2C6189	2.250	2.250	4.750					88.90	Ford Motors
6190	1.500	1.500	2.000					82.50	Volkswagen
2C6190									
6192	1.750	2.000	4.000					69.50	Audi
2C6192									Volkswagen
6193	1.500	1.750	4.000					84.80	General Motors
2C6193									
2M6193									
6194	1.500	2.000	4.750					89.00	Isuzu-Japanese
2M6194									Jeep-Eagle - Includes American Motors,Chrysler & Willys
6195	2.000	2.000	2.800					73.00	Honda
6196	1.500	1.500	2.800					87.00	Ford Motors
2M6196									Infiniti
									Nissan
6197	1.750	2.000	4.000					78.00	Peugeot
2C6197									
2M6198	1.500	1.500	2.800					76.20	Harley-Davidson
6209	1.500	1.500	3.000					89.00	General Motors
2M6209									Isuzu-Japanese
6215	2.250	2.250	4.750					92.08	Caterpillar
									Waukesha
6220	8.000	8.000	8.000	8.000				101.60	Ingersoll-Rand
6237	2.250	2.250	2.250	2.250	4.750			69.85	Midland
2C6239	2.000	1.500	2.800					87.00	Nissan
6240	1.500	1.500	2.800					78.00	Nissan
2C6240									
6257	19.000	19.000	19.000	19.000				152.40	Ingersoll-Rand
6261	2.250	2.250	4.750					82.55	Oliver-White Motors
									Wisconsin
2C6271	2.250	2.250	4.750					114.30	International
2C6279	3.000	2.250	2.250	4.750	4.750			95.25	Cockshutt
									Hercules
2C6286	2.250	2.250	4.750					111.13	International
2C6288	2.250	3.180	4.750	4.750				101.60	Hercules
2C6294	3.000	2.250	2.250	4.750	4.750			101.60	Cockshutt
									Hercules
6302	2.380	2.380	4.750					98.43	International
2C6302									Palmer
2M6302									
6303	3.180	3.180	3.180	4.750				82.55	Allis Chalmers
2C6303									Waukesha
6308	2.380	2.380	2.380	4.750				107.95	General Motors
2C6308									Minneapolis-Moline - White Motors
6309	2.250	2.250	4.750					114.30	Dodge Trucks
2C6309									International
									Palmer
6337	3.180	3.180	4.750	4.750				88.90	General Motors
6338	2.250	2.250	4.750	4.750				90.49	General Motors
6353	2.380	2.380	4.750					98.43	Ford Motors
2C6353									Hercules
									International
6361	2.250	3.180	3.180	6.000				95.25	Continental
2C6361									
6385	6.350	6.350	6.350	6.350	6.350			146.05	Climax-Arrow

PART NUMBER	TOP GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	CYL. DIA.	POPULAR APPLICATIONS
2C6385									Continental
6390	6.350	6.350	6.350	6.350	6.350			127.00	Ajax
2C6395	2.250	2.250	4.750					107.95	General Motors
6427	2.250	2.250	4.750					88.90	Cushman
									Lauson-Tecumseh
									Wisconsin
6457	1.600	1.600	4.750					76.20	Harley-Davidson
6474	2.000	2.000	4.750					85.73	Kmz
2C6474									
6482	1.600	1.600	4.750					87.31	Harley-Davidson
2M6482									
2C6500	4.000	4.000	4.000	6.350				130.18	Cummins
6520	2.250	2.250	4.000					65.09	Universal
2D6532	2.500	2.000	2.000	4.500	4.500			83.00	Nissan
6535	2.250	2.250	4.750					82.55	International
2C6535									
2C6543	2.250	3.180	4.750					95.25	Hercules
2C6581	2.250	3.180	4.750	4.750				95.25	Case
									Cockshutt
									Hercules
									Oliver-White Motors
2C6583	2.250	2.250	6.000					104.78	Massey-Ferguson
									Waukesha
6588	2.380	2.380	4.750					87.31	Cummins
2C6588									
2C6593	2.350	2.350	4.750					104.78	International
6601	2.000	2.000	2.000	4.750				102.87	Ford Motors
2M6601									
6606	2.380	2.000	2.000	4.750				107.95	General Motors
2C6606									
2M6606									
6607	2.000	2.000	2.000	4.750				98.43	Ford Motors
2C6607									
6627	2.250	2.250	4.750					84.14	Harley-Davidson
									Lauson-Tecumseh
2C6638	2.000	2.000	4.750					87.31	Briggs & Stratton
6647	4.750	4.750	4.750					88.90	Cushman
2C6660	2.250	3.180	4.750					98.43	Volvo
2C6664	2.250	2.250	2.250	4.750				95.25	Wisconsin
2C6665	2.250	2.250	2.250	4.750				95.25	Wisconsin
6667	2.380	2.000	4.750					88.90	Kmz
6677	2.000	2.380	2.380	6.000				87.31	Continental
2C6677									
2M6677									
6678	2.000	2.380	2.380	6.000				87.31	Continental
2C6678									
6685	2.380	2.000	2.000	4.750				98.43	Ford Motors
2C6685									
6686	2.380	2.000	2.000	4.750				102.87	Ford Motors
2C6686									
2M6686									
6708	2.000	2.000	4.000					75.00	Nsu
2C6708									
2C6709									Fiat
6713	2.000	2.000	4.500					84.00	Peugeot
2C6713									
6714	2.000	2.000	4.000					73.00	Mazda
2C6714									Mitsubishi
									Nissan
6726	2.000	2.000	4.750					84.14	Volvo
6735	1.600	1.600	4.000					86.00	Triumph
2C6735									
6738	1.600	1.600	1.600	4.000				80.26	Austin-Rover
									M.G.
6740	2.000	2.000	2.000	5.000				85.00	Mercedes-Benz
2D6740									Volkswagen
6741	2.000	2.000	4.000					77.00	Fiat
2C6741									
6742	1.600	1.600	1.600	3.000				64.57	Austin-Rover
2C6742									M.G.
									Morris

PART NUMBER	TOP GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	CYL. DIA.	POPULAR APPLICATIONS
6752	2.000	2.000	4.000					72.00	Fiat
2C6752									Mitsubishi
									Subaru
									Toyota
6757	2.000	2.000	4.000					78.00	Fiat
2C6757									
6761	2.000	2.000	4.000					80.00	Mazda
2C6761									Nissan
6772	2.000	3.000	5.000					85.50	Ford Motors
6777	1.750	1.750	4.750					85.73	Rover
2C6777									
2C6779	2.000	2.000	3.500					70.00	Renault
6780	2.000	2.000	4.000					77.00	Volkswagen
2C6780									
6781	2.000	2.000	5.000					85.50	Volkswagen
2C6781									
6786	2.380	2.380	2.380	4.750	4.750			90.49	Rover
2D6786									
6791	2.000	2.000	4.750					93.66	Ford Motors
2C6791									
6793	2.000	2.000	4.000					83.00	Volkswagen
6796	1.750	2.000	4.000					65.00	Fiat
2C6796									
6797	2.000	2.000	4.000					75.00	Toyota
2C6797									
6800	2.000	2.000	4.750					92.00	Jaguar
2C6800									
2C6801	1.500	2.000	4.000					82.50	Porsche
6802	1.600	1.600	1.600	4.000				70.61	Austin-Rover
2C6802									M.G.
6803	1.500	1.500	2.500	5.000				87.00	Mercedes-Benz
2C6803									
6804	2.000	2.500	4.000					78.00	Toyota
2C6804									
6810	2.000	2.000	4.750					88.90	General Motors
2M6810									Volvo
6813	2.000	2.000	4.000					75.00	Mazda
2C6813									Nissan
									Toyota
6814	1.500	2.000	4.000					80.00	Fiat
2C6814									Yugo-Zastava
6817	1.600	1.600	4.000					74.68	Triumph
2C6817									
6818	2.000	2.000	4.000					75.00	Mazda
2C6818									Nissan
									Toyota
6823	2.000	2.000	5.000					82.50	Opel
2C6823									
6825	2.000	2.000	4.750					88.90	Volvo
6830	2.000	2.500	4.000					87.20	Nissan
2C6830									
6831	2.000	2.000	4.000					83.00	Nissan
2C6831									
2C6834	1.750	1.750	4.750	4.750				90.50	Rover
6837	2.000	2.000	5.000					88.00	Opel
2C6837									
6840	1.600	1.600	4.000					73.66	M.G.
2C6840									Triumph
6846	2.000	2.500	4.000					86.00	Toyota
2C6846									
6851	1.500	1.500	1.500	5.000				87.00	Mercedes-Benz
2D6851									
6854	2.000	2.500	4.000					88.00	Toyota
2C6854									
6856	2.000	2.000	4.000					83.00	Nissan
2C6856									Toyota
6857	1.750	2.000	4.000					77.00	Renault
2C6857									
6860	2.000	2.000	4.000					78.00	Fiat
2C6860									
6861	2.000	2.000	2.000	4.500				88.00	Peugeot

PART NUMBER	TOP GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	CYL. DIA.	POPULAR APPLICATIONS
2C6861									
2C6864	2.000	2.000	5.000					90.00	Citroen
									Porsche
									Volkswagen
6870	1.750	2.000	4.000					73.00	Renault
2C6870									
6871	2.000	2.000	4.000					78.00	Nissan
2C6871									
6872	2.000	2.000	4.000					85.00	Nissan
2C6872									Subaru
									Toyota
6873	2.000	2.000	4.750					95.25	General Motors
2C6873									Vauxhall
6874	2.000	2.000	4.750					85.73	Vauxhall
2C6874									
2D6875	2.500	2.000	2.000	4.500	4.500			83.00	Nissan
6876	2.000	2.000	4.000					80.00	Toyota
2C6876									
2C6880									Mazda
6886	2.000	2.500	4.000					88.50	Toyota
2C6886									
6893	1.600	1.600	4.000					69.02	M.G.
6899	1.500	1.500	4.000					85.00	Chrysler
2C6899									Dodge Trucks
2M6899									Ford Motors
									Mitsubishi
									Nissan
									Toyota
2C6910	3.000	3.000	2.250	4.750				95.25	Hercules
6912	2.000	2.250	2.250	6.000				84.14	Continental
									Gray
6938	1.600	1.600	3.180					71.00	Triumph
2C6938									
6939	1.600	1.600	3.180					75.00	Bsa
6942	1.600	1.600	3.180					67.00	Bsa
2C6942									Triumph
6948	1.600	4.000						80.96	Harley-Davidson
6949	1.600	4.000						82.55	Harley-Davidson
6950	1.600	4.000						84.14	Harley-Davidson
6953	1.600	1.600	4.000					80.96	Harley-Davidson
6954	1.600	1.600	4.000					82.55	Harley-Davidson
6955	1.600	1.600	4.000					84.14	Harley-Davidson
2M6958	1.600	1.600	4.000					92.08	Harley-Davidson
6962	2.000	2.000	4.750					90.49	Briggs & Stratton
									Oliver-White Motors
7001	1.600	1.600	4.000					90.49	Harley-Davidson
7002	1.600	1.600	4.000					88.90	Harley-Davidson
7003	1.600	1.600	4.750					80.96	Harley-Davidson
2M7003									
2C7004	2.000	2.250	2.250	4.750				95.25	Continental
7007	1.600	1.600	4.000					73.00	Norton
2C7012	3.000	2.250	2.250	4.750				111.76	Ford Motors
									John Deere
2C7014	3.000	2.250	4.750					111.76	Ford Motors
2C7021	3.000	2.250	4.750					111.76	Ford Motors
7024	1.600	1.600	4.750					84.14	Harley-Davidson
2D7101	2.000	1.500	2.000					69.60	Fiat
									Opel
									Subaru
									Suzuki
									Vauxhall
2D7104	2.500	2.000	3.000					82.50	Ford Motors
7105	2.250	3.180	4.750	4.750				88.90	Oliver-White Motors
2C7105									
2C7106	2.250	2.250	2.250	4.750				90.49	Ford Motors
2C7107	2.250	3.180	3.180	6.000				98.43	Continental
2C7113	2.250	2.250	2.250	6.000	6.350			101.60	John Deere
2D7114	3.000	3.180	6.350					93.66	International
2C7116	2.500	3.180	3.180	6.350	4.750			101.60	Continental
									Massey-Ferguson
2C7118	2.250	2.250	2.250	4.750				98.43	John Deere

PART NUMBER	TOP GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	CYL. DIA.	POPULAR APPLICATIONS
7119	2.250	2.250	2.250	4.750				88.90	John Deere
2C7119									
7121	2.250	2.250	2.250	4.750	4.750			98.43	Oliver-White Motors
2D7121									
2C7122	2.250	2.250	2.250	6.000				107.95	Case
7123	2.250	2.250	2.250	6.000				88.90	Case
2C7123									
2C7124	2.250	2.250	2.250	6.000				104.78	Case
									General Motors
2C7125	2.250	2.250	2.250	4.750				98.48	Allis Chalmers
2C7133	2.500	2.000	3.000					82.50	Ford Motors
2D7134	3.000	2.250	4.750					96.84	Case
2C7136	2.250	2.250	2.250	4.750	4.750			90.49	Allis Chalmers
2C7137	2.250	2.250	2.250	6.350	6.350			98.43	Case
									Massey-Ferguson
									Oliver-White Motors
									Perkins
2D7138	2.500	2.000	2.500					88.00	Fiat
									Iveco
2C7139	2.250	2.250	2.250	6.000				95.25	Oliver-White Motors
7140	2.250	2.250	3.180	6.350	6.350			91.44	Massey-Ferguson
									Perkins
2C7143	2.250	3.180	3.180	4.750	4.750			112.71	Buda
2C7144	2.250	2.250	4.750					85.73	International
2D7145	2.500	2.000	3.000					86.00	Ford Motors
2C7148	1.750	2.000	3.000					76.50	Audi
									Volkswagen
2C7153	2.250	2.250	2.250	4.750				92.08	Ford Motors
2C7155	2.250	2.250	4.750					92.08	John Deere
2M7157	3.500	2.000	3.000					83.00	Citroen
									Fiat
									Peugeot
									Suzuki
2D7158	2.250	2.250	4.750					98.43	John Deere
2D7165	2.250	2.250	2.250	4.750	4.750			88.90	International
									Perkins
2D7167	1.750	1.750	3.000					84.00	Opel
									Vauxhall
7173	2.250	2.250	2.250	4.750				135.10	Minneapolis-Moline - White Motors
2C7174	2.250	2.250	2.250	4.750				98.48	Allis Chalmers
2C7175	2.500	2.250	2.250	4.750				101.60	Ford Motors
2D7176	3.500	2.000	3.000					85.00	Citroen
									Fiat
									Ford Motors
									Peugeot
2C7178	2.250	2.250	4.750					95.25	Oliver-White Motors
2C7179	2.250	2.250	4.750					98.43	Oliver-White Motors
2C7180	2.250	2.250	2.250	4.750				111.76	Ford Motors
2C7181	2.250	2.250	4.750					106.68	Ford Motors
2C7182	2.250	2.250	2.250	4.750				106.68	Ford Motors
2C7183	2.250	2.250	4.750					111.76	Ford Motors
2C7184	3.180	3.180	3.180	4.750	6.350			152.40	John Deere
2C7186	2.250	3.180	3.180	6.000				96.84	Continental
2D7188	2.500	2.000	3.000					95.40	Isuzu-Japanese
									Iveco
2C7190	2.250	2.250	6.000					93.66	International
2C7191	2.250	2.250	2.250	6.000				95.25	Oliver-White Motors
2C7193	3.180	2.250	6.000					96.84	International
2C7194	1.200	1.200	2.000					86.00	Toyota
2C7197	3.000	3.180	3.180	4.750				98.43	International
2C7201	2.250	2.250	2.250	6.350	6.350			98.43	Allis Chalmers
2C7207	2.250	3.180	3.180	6.000				85.73	Continental
									Massey-Ferguson
2C7210	2.250	2.250	2.250	4.750				111.76	Ford Motors
2C7215	1.750	2.000	4.000					77.00	Citroen
2C7217	3.000	2.250	4.750					98.43	International
									Oliver-White Motors
2C7220	3.180	2.250	6.000					96.84	International
2D7225	2.000	1.500	3.000					95.40	Iveco
7228	1.500	1.500	4.000					75.00	Opel

PART NUMBER	TOP GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	CYL. DIA.	POPULAR APPLICATIONS
2D7228									Peugeot
2C7236	2.250	2.250	4.750					107.95	John Deere
2D7239	1.750	2.000	3.000					78.00	Peugeot
2C7242	3.000	2.500	2.500	5.000				100.00	Deutz-German
2C7243	2.250	2.250	2.250	6.000				98.48	Massey-Ferguson
									Perkins
2D7245	3.180	2.250	2.250	6.350	6.350			98.48	Perkins
2D7246	2.250	2.250	2.250	4.750				107.21	Ford Motors
2D7254	3.000	1.950	2.500					75.00	Citroen
									Fiat
									Ford Motors
									Peugeot
2D7255	1.750	2.000	3.000					81.00	Volkswagen
2C7258	2.500	2.500	4.000					100.00	Perkins
2D7259	3.000	2.000	3.000					82.00	Fiat
2C7264	2.500	2.500	4.000					97.00	Mercedes-Benz
2D7270	2.500	1.950	2.500					73.70	Citroen
									Ford Motors
									Mazda
									Peugeot
									Toyota
2C7275	1.500	2.500	4.000					87.00	Mercedes-Benz
2D7276	3.000	2.390	4.000					102.00	Cummins
									Dodge Trucks
2D7277	2.000	1.500	2.000					93.00	Ford Motors
									Mazda
2D7279	3.000	2.000	3.000					84.00	Bmw-Cars
									Rover
2D7282	1.750	2.000	3.000					81.00	Audi
									Skoda
									Volkswagen
2D7284	1.750	2.000	3.000					78.30	Audi
									Skoda
									Volkswagen
2C7288	2.500	2.000	3.000					84.00	Bmw-Cars
2D7290	2.000	1.750	3.000					84.00	Opel
									Vauxhall
2D7291	2.500	2.000	3.000					88.00	Mercedes-Benz
2C7292	2.500	2.000	3.000					89.00	Mercedes-Benz
									Ssangyong
2D7296	2.000	2.000	2.500					76.00	Nissan
									Renault
2M7298	2.500	1.750	2.500					87.00	Renault
2M7328	3.000	1.750	2.500					89.00	Nissan
									Opel
									Renault
									Vauxhall
2D7329	2.500	2.000	3.000					86.00	Mercedes-Benz
2C7330	2.000	1.500	3.000					96.00	Toyota
2M7332	2.500	2.000	3.000					80.00	Nissan
									Renault
2C7333	1.750	2.000	4.000					82.00	Renault
									Volkswagen
2D7335	1.750	2.000	3.000					81.00	Volkswagen
2M7338	2.500	2.000	4.000					91.10	Hyundai
									Mitsubishi
2C7340	2.500	2.000	2.000					82.00	Alfa-Romeo
									Fiat
2D7343	2.500	2.000	2.000					84.00	Nissan
									Opel
									Renault
									Vauxhall
2D7347	2.500	2.000	2.500					95.80	Fiat
									Iveco
2M7349	3.000	1.750	2.500					87.00	Nissan
									Opel
									Renault
									Vauxhall
2D7351	3.000	2.000	3.000					83.00	Citroen
									Fiat
									Lada-Russian

PART NUMBER	TOP GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	CYL. DIA.	POPULAR APPLICATIONS
									Peugeot
									Suzuki
2D7352	2.000	2.000	3.000					80.00	Mercedes-Benz
2C7353	3.000	2.000	3.000					94.40	Fiat
									Iveco
									Opel
									Peugeot
									Renault
									Vauxhall
2D7355	3.000	2.000	3.000					82.00	Alfa-Romeo
									Fiat
2C7356	2.000	2.000	4.000					92.00	Toyota
									Volkswagen
2C7357	3.000	2.000	3.000					80.00	Bmw-Cars
2C7361	2.500	2.000	3.000					91.00	Hyundai
2C7362	3.000	2.000	4.000					94.00	Vm
2D7365	2.000	2.000	3.000					86.00	Ford Motors
2D7366	2.000	2.000	2.000					82.00	Alfa-Romeo
									Fiat
									Lancia
									Opel
									Saab
									Vauxhall
2D7367	2.000	2.000	2.000					83.00	Mercedes-Benz
2D7368	2.500	2.000	3.000					89.90	Ford Motors
2C7372	2.000	2.000	3.000					83.00	Citroen
									Fiat
									Hyundai
									Lada-Russian
									Peugeot
									Rover
									Suzuki
2D7374	2.500	2.000	2.000					84.00	Bmw-Cars
2D7376	2.500	1.750	3.000					84.00	Opel
									Vauxhall
2D7377	2.000	2.000	2.000					89.90	Ford Motors
									Rover
2M7379	2.500	2.000	4.000					91.10	Hyundai
									Mitsubishi
2M7382	2.000	2.000	2.000					83.00	Mercedes-Benz
7384	2.000	2.000	4.000					93.00	Isuzu-Japanese
2C7384									Opel
									Vauxhall
2C7401	2.000	2.000	3.000					97.10	Hyundai
2D7404	1.750	2.000	3.000					81.00	Volkswagen
2D7412	2.500	2.000	3.000					80.00	Bmw-Cars
2M7423	2.500	1.750	2.500					89.00	Nissan
									Renault
2C7424	2.000	1.500	3.000					79.00	Isuzu-Japanese
2C7425	2.000	2.000	3.000					85.00	Honda
2C7428	2.000	1.500	3.000					82.20	Toyota
2D7431	2.500	1.750	2.500					75.00	Volvo
2C7432	1.000	1.000	1.000					63.50	Mercedes-Benz
									Smart
2C7433	2.000	2.000	2.000					82.00	Alfa-Romeo
									Fiat
2N7434	1.200	1.200	2.500					66.50	Smart
2C7435	2.000	2.000	3.000					83.00	Fiat
2D7436	3.000	2.500	4.000					102.00	Mercedes-Benz
2C7437	3.000	3.000	3.000	5.000				95.00	Renault
2D7438	1.750	1.750	3.000					77.20	Hyundai
2D7440	2.000	1.750	2.000					83.00	Jeep-Eagle - Includes American Motors, Chrysler & Willys
									Mercedes-Benz
2N7442	1.500	1.750	3.000					90.90	Mercedes-Benz
									Ssangyong
2D7448	1.500	1.500	2.500					65.50	Mercedes-Benz
2C7449	3.000	2.000	2.500					94.40	Citroen
									Fiat
									Iveco
									Peugeot

PART NUMBER	TOP GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	CYL. DIA.	POPULAR APPLICATIONS
									Renault
2M7450	2.500	2.000	2.500					94.40	Citroen
									Fiat
									Iveco
									Opel
									Peugeot
									Renault
									Vauxhall
2D7451	2.000	2.000	2.000					86.00	Ford Motors
2C7454	2.000	2.000	4.000					91.10	Hyundai
									Mitsubishi
2D7455	2.500	2.000	3.000					84.00	Hyundai
2C7456	3.000	2.500	4.000					115.00	Isuzu-Japanese
2C7458	2.500	2.000	4.000					92.00	Alfa-Romeo
									Chrysler
									Ford Motors
									Opel
									Rover
									Vauxhall
									Vm
2C7465	2.000	1.500	2.000					86.00	Toyota
2D7468	2.000	2.000	3.000					83.00	Hyundai
2D7473	3.170	2.790						114.30	Caterpillar
									Ford Motors
2D7476	2.500	2.000	3.000					81.00	Volkswagen
2D7484	3.000	3.000	4.000					102.00	Cummins
2C7487	1.750	2.000	2.000					81.00	Audi
									Seat
									Skoda
									Volkswagen
2D7492	2.500	2.000	3.000					97.10	Hyundai
2D7493	3.170	3.170	2.790					114.30	Caterpillar
2D7495	2.500	2.000	3.000					87.00	Hyundai
2C7498	2.500	2.000	3.000					86.20	Ssangyong
2C7501	2.250	2.250	4.750					87.31	Ford Motors
2C7503	2.250	2.250	2.250	6.000				88.90	International
									Oliver-White Motors
2C7505	2.250	2.250	4.000	4.000				80.96	Ford Motors
2C7513	3.180	3.180	3.180	4.750	4.750			90.49	Allis Chalmers
									Buda
2D7518	2.400	2.350	4.000					102.00	Cummins
2D7524	2.380	2.380	4.760					114.30	Caterpillar
2D7531	23.000							89.00	Nissan
2D7536	3.180	3.180	3.180	6.350				85.73	Case
									Continental
7537	2.250	2.250	4.000	4.000				84.14	Ferguson
									Massey-Ferguson
2C7538	2.000	2.000	3.000					82.50	Ford Motors
									Mazda
2C7543	3.180	3.180	3.180	6.000				79.38	International
2C7547	2.250	2.250	2.250	6.000				90.49	International
2C7553	2.250	3.180	3.180	4.750				104.78	Allis Chalmers
									International
2C7558	2.250	2.250	2.250	6.000				85.73	Case
									International
7562	3.180	3.180	3.180	6.000				90.49	Buda
2C7562									Oliver-White Motors
7563	3.180	3.180	3.180	6.000				90.49	Buda
2C7563									Oliver-White Motors
2C7564	2.250	2.250	2.250	4.750				80.96	International
2C7567	3.180	3.180	3.180	4.750				92.08	Minneapolis-Moline - White Motors
2C7578	3.180	3.180	3.180	4.750				84.14	Continental
									Ferguson
									Massey-Ferguson
2C7580	2.250	2.250	2.250	6.000				104.78	Allis Chalmers
									Case
									International
7581	2.250	2.250	2.250	4.750				92.08	Case
2D7581									Clark Equipment
									Cockshutt

PART NUMBER	TOP GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	CYL. DIA.	POPULAR APPLICATIONS
									John Deere
									Minneapolis-Moline - White Motors
									Oliver-White Motors
									Waukesha
7582	2.250	2.250	4.000	4.000				82.55	Ferguson
2C7582									Massey-Ferguson
7584	2.250	2.250	2.250	4.750				82.55	International
2C7584									
2C7585	2.250	2.250	2.250	4.750	4.750			87.31	International
2C7586	2.250	2.250	2.250	6.000				90.49	Buda
									Case
									Oliver-White Motors
2D7587	2.250	2.250	2.250	6.350				90.49	Buda
									Oliver-White Motors
7593	2.250	2.250	2.250	4.750				92.08	Allis Chalmers
2C7593									Case
2D7596	2.250	2.250	2.250	4.750	4.750			100.01	Ford Motors
2C7638	2.250	3.180	3.180	6.000	6.350			101.60	Continental
									Massey-Ferguson
2C7642	3.180	3.180	3.180	3.180	6.350			149.23	John Deere
2C7643	2.250	2.250	3.180	6.000	6.350			101.60	International
									Massey-Ferguson
2C7654	2.250	2.250	2.250	6.000				101.60	International
									John Deere
2C7656	2.250	2.250	2.250	6.000				101.60	Case
7659	3.180	3.180	3.180	4.750				92.08	Case
2C7659									
7663	2.250	2.250	2.250	4.750				92.08	Case
									David Brown-Also See Case
									Waukesha
2C7666	2.250	3.180	3.180	6.000				101.60	Case
2C7669	3.180	3.180	3.180	4.750				95.25	Buda
									Hercules
									John Deere
									Kermath
									Le Roi
									Minneapolis-Moline - White Motors
									Oliver-White Motors
									Scripps
									Waukesha
2D7670	3.180	3.180	3.180	4.750				88.90	Buda
									Cockshutt
									Continental
									Hercules
									International
									Lycoming
									Oliver-White Motors
									Reo
									Waukesha
									White
2C7671	2.250	2.250	2.250	4.750				85.73	Continental
									Ferguson
									Massey-Ferguson
2C7673	2.500	2.250	4.750					99.06	Ford Motors
2C7674	3.180	3.180	3.180	3.180	6.350	6.350		155.58	John Deere
2D7675	2.250	2.250	2.250	6.350				107.95	John Deere
2C7677	2.250	2.250	2.250	6.000				92.08	International
2C7681	2.250	2.250	2.250	6.000				87.31	International
2C7687	2.250	2.250	6.000					90.49	International
7689	2.250	2.250	4.750					82.55	International
2C7689									
2C7690	4.000	3.180	3.180	3.180	6.350	6.350		155.58	John Deere
2C7696	2.250	2.250	6.000					79.38	International
2C7698	2.250	2.250	6.000					80.96	International
2C7702	2.250	2.250	2.250	4.750				95.25	Allis Chalmers
									Oliver-White Motors
2C7703	2.250	2.250	2.250	4.750				98.43	Allis Chalmers
2D7703									Cockshutt
									Oliver-White Motors

PART NUMBER	TOP GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	CYL. DIA.	POPULAR APPLICATIONS
									Waukesha
7705	2.250	2.250	2.250	4.750				87.31	Allis Chalmers
2C7705									Case
7707	2.250	2.250	4.750					50.80	John Deere
2C7724	2.250	2.250	2.250	6.000				79.38	International
2C7726	3.180	3.180	3.180	6.000				88.90	Buda
									Oliver-White Motors
									Waukesha
2C7731	4.750	4.750	4.750	4.750	8.000			139.70	John Deere
2C7733	4.750	4.750	4.750	4.750				114.30	John Deere
2C7742	3.180	3.180	3.000	6.350				90.49	John Deere
2C7745	3.180	3.180	3.180	4.750				92.08	Minneapolis-Moline - White Motors
2C7747	3.180	3.180	3.180	6.000				95.25	Continental
									Oliver-White Motors
									Waukesha
2C7758	3.180	3.180	3.180	4.750				76.20	Continental
									International
2C7759	3.180	3.180	3.180	6.000				98.43	Continental
2C7761	3.180	3.180	3.180	6.000				101.60	Continental
									Massey-Ferguson
7762	3.180	3.180	3.180	4.750				85.73	Allis Chalmers
2C7762									Continental
									Ferguson
									Massey-Ferguson
2C7771	4.000	4.000	3.180	6.000				101.60	John Deere
2C7778	3.180	3.180	3.180	6.350	4.750			114.30	Case
									Continental
									Massey-Ferguson
2C7779	3.180	3.180	3.180	6.000				88.90	Buda
									Oliver-White Motors
									Waukesha
2D7781	3.180	3.180	3.180	6.350				84.14	Oliver-White Motors
2C7784	3.180	3.180	3.180	3.180	3.180	6.000	6.350	146.05	John Deere
7785	2.250	2.250	4.750					82.55	Oliver-White Motors
2C7785									Wisconsin
2C7789	3.180	3.180	3.180	4.750				82.55	Case
									Continental
									Ferguson
									Massey-Ferguson
2C7790	2.250	2.250	3.180	6.000				87.31	International
2C7794	2.250	2.250	3.180	6.000				104.78	Allis Chalmers
									International
2C7795	2.500	2.250	2.250	6.000				101.60	Case
									International
									Massey-Ferguson
2C7796	2.250	2.250	2.250	6.000	6.350			101.60	International
2C7799	2.250	2.250	2.250	4.750				79.38	International
2C7842	6.350	6.350	6.350	6.350	6.350			155.58	John Deere
7843	3.180	3.180	4.750					82.55	Hercules
2C7843									John Deere
2C7844	3.180	3.180	4.750					88.90	John Deere
7859	2.250	2.250	4.750					66.68	Continental
2C7859									Hercules
									International
									Kmz
7868	3.180	3.180	3.180	4.750				82.55	Wisconsin
7887	2.250	2.250	3.180	2.250	3.180			63.50	Bendix
7888	2.250	2.250	4.750					66.68	Bendix
7894	2.250	2.250	4.750					50.80	Reo
2D7899	2.250	2.250	2.250	4.750				92.08	John Deere
									Oliver-White Motors
									Waukesha
2C7929	3.180	3.180	3.180	6.000				90.88	Continental
2C7940	3.180	3.180	3.180	6.350	3.180	6.350		139.70	John Deere
2C7941	2.250	2.250	2.250	4.750				93.66	Case
2C7945	2.250	2.250	4.750					92.08	Ford Motors
7986	3.180	3.180	3.180	4.750				76.20	Wisconsin
2C7997	2.500	2.250	3.180	6.000				101.60	Case
									International
									Massey-Ferguson

PART NUMBER	TOP GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	CYL. DIA.	POPULAR APPLICATIONS
2C7998	3.180	3.180	3.180	6.350	3.180	6.350		152.40	John Deere
2C7999	2.500	2.250	2.250	4.750	4.750			99.06	Ford Motors
8266	3.180	3.180	3.180	3.180				52.39	Bendix
									West Bend
8411	1.600	1.600						53.18	Power Products
2M8505	1.500	1.500	3.000					104.78	General Motors
2M8510	1.500	1.500	3.000					107.95	General Motors
SC8513	1.000	1.200	2.800					84.00	Honda
2M8521	1.500	1.500	3.000					101.60	Ford Motors
SM8521									General Motors
2M8525	1.500	1.500	3.000					114.30	General Motors
SM8527	1.092	1.600	4.750					101.60	Ford Motors
									General Motors
SM8531	1.500	1.500	3.000					96.01	General Motors
2M8535	1.500	1.500	3.000					114.30	General Motors
SM8537	1.092	1.600	4.750					101.60	Ford Motors
									General Motors
2M8542	1.600	1.600	4.750					101.60	Ford Motors
									General Motors
2M8543	1.600	1.600	4.750					101.60	Ford Motors
									General Motors
SM8547	1.092	1.600	4.750					104.78	General Motors
SM8550	1.092	1.092	3.000					104.78	Chrysler
									General Motors
2M8552	1.600	1.600	4.750					104.78	General Motors
SM8556	1.092	1.092	3.000					101.60	Chrysler
									Ford Motors
									General Motors
SM8557	1.092	1.600	4.750					104.78	General Motors
2M8559	1.600	1.600	4.750					104.78	General Motors
2M8562	1.600	1.600	4.750					107.95	Chrysler
									General Motors
SM8567	1.092	1.600	4.750					107.95	Chrysler
									General Motors
2M8569	1.500	1.500	3.000					107.95	General Motors
2M8571	1.600	1.600	3.000					101.60	Chrysler
									Ford Motors
									General Motors
SN8580	1.600	1.600	4.750					104.78	General Motors
SM8582	1.092	1.092	3.000					114.30	General Motors
SN8585	1.600	1.600	4.750					107.95	Chrysler
									General Motors
2M8588	1.600	1.600	4.750					114.30	General Motors
SN8590	1.600	1.600	4.750					114.30	General Motors
SM8592	1.092	1.600	3.000					114.30	General Motors
2M8594	1.600	1.600	4.750					114.30	General Motors
9100	2.000	3.000	4.000					90.00	Ford Motors
9101	2.000	2.000	4.000					84.07	Opel
2C9101									
2C9340	1.500	2.000	3.000					85.00	Lada-Russian
2D9349	2.500	2.000	4.000					93.00	Citroen
									Peugeot
2C9356	1.500	2.000	3.000					72.00	Citroen
									Peugeot
2M9365	1.500	1.500	3.000					78.50	Citroen
									Peugeot
2C9369	1.200	1.500	2.500					78.50	Peugeot
2C9372	1.750	2.000	3.000					75.00	Citroen
									Peugeot
2C9377	1.500	2.000	4.000					82.00	Lada-Russian
2D9384	3.000	2.000	4.000					93.00	Fiat
									Renault
2C9502	1.600	2.000	4.000					80.96	Ford Motors
2M9502									
2C9503	1.500	2.000	4.000					74.00	Citroen
9505	2.000	2.000	2.500	4.000				86.50	Mercedes-Benz
2C9505									
2C9506	3.000	2.000	4.000					87.00	Mercedes-Benz
9514	1.500	2.000	4.000					86.00	Fiat
2C9514									Yugo-Zastava
9516	1.500	2.000	4.000					84.00	Fiat

PART NUMBER	TOP GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	CYL. DIA.	POPULAR APPLICATIONS
2C9516									Peugeot
9519	1.500	1.750	4.000					80.00	Alfa-Romeo
2C9519									General Motors
									Holden
2C9520	1.500	1.750	4.000					78.00	Alfa-Romeo
9526	1.600	1.600	4.000					80.26	Austin-Rover
									M.G.
9547	1.500	1.500	2.000					82.50	Volkswagen
2C9547									

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