

Passenger Cars

Model		Denso			
		Standard	Resistor	mm	
ALFA ROMEO					
Alfa 33 1300, 1500 to 1989		W22EP-U	W22EPR-U	0.8	
Alfa 33 1700 16V QV 1990		-	PK20R11	1.1	
Alfa 75 2.5L V6 to 1989		W22EP-U	W22EPR-U	0.8	
Alfa 75 3.0L V6 1986-7/90		W20EP-U	W20EPR-U	0.8	
Alfa 75 2.0L Twin Spark		Q20P-U	Q20PR-U	0.8	
Alfa 164 2.0L Twin Spark		Q22P-U	Q22PR-U	0.8	
Alfa 164 3.0L		W22EP-U	W22EPR-U	0.8	
Alfasud 1.2L, 1.3L, 1.5L, Ti, Sprint		W22EP-U	W22EPR-U	0.8	
Alfetta Berlina, GT, GTV2000, Super		W22EP-U	W22EPR-U	0.8	
Alfetta GT 1.6 Rally, 1.6L, 1.8L, 2.0L		W22EP-U	W22EPR-U	0.8	
Giulia 1300 Berlina, GT Junior, GTA Junior		W22EP-U	W22EPR-U	0.8	
Giulia 1300 Nuova Super, Super, Spider		W22EP-U	W22EPR-U	0.8	
Giulia 1600 GT Junior, Junior, Nuova		W22EP-U	W22EPR-U	0.8	
Giulia 1600 Spider, Super		W22EP-U	W22EPR-U	0.8	
Giulietta 1.3L, 1.6L, 1.8L, 2.0L		W22EP-U	W22EPR-U	0.8	
GTV 6 2.5L V6		-	W20EPR-U	0.8	
1750 Berlina, GTV, Spider Velose		W22EP-U	W22EPR-U	0.8	
2000 Berlina, GTV, Spider Velose		W22EP-U	W22EPR-U	0.8	
2600 Berlina, Montreal V8, Spider		W22EP-U	W22EPR-U	0.8	
2600 Sprint, Velose		W22EP-U	W22EPR-U	0.8	
GTV 2.0L COUPE 06/1998 on.		10mm plug	-	U24ESR-NZU	0.8
Two spark plugs required per cyl.		14mm plug	-	PK20TR11	0.8
ASIA					
Rocsta 1.98L 02/93 on		-	W16EPR-U	0.8	
ASTON MARTIN					
DB4, DB5, DB6, DBS (6 Cyl.) Volante		W20EP-U	W20EPR-U	0.8	
DBS V8		-	W16EXR-ZU	0.8	
Lagonda V8 1985 on		-	W20EXR-U	0.9	
Vantage V8 to 1985		-	W20EXR-ZU	0.8	
Vantage V8 C/R 9.3 1985 on		-	W22EPR-U	0.9	
Vantage V8 C/R 10.2 1986 on		W22EP-ZU	W22EPR-ZU	0.8	
Vantage/Volante V8 09/1998 on		-	K24PR-ZU	0.8	
Volante V8 1985 on		-	W20EXR-U	0.9	
Zagato		-	W22EPR-U	0.9	
AUDI (AUTO-UNION)					
A3 1.6L (AEH) 5/1997 on		-	K20PBR-S10	1.0	
A3 1.8L (AGN) 5/1997 on		-	K20PBR-S10	1.0	
A3 1.8L Turbo (AGU) 5/1997 on		-	K20PBR-S10	0.8	
A4 1.8L (ADR) 5/1995 on		-	K20PBR-S10	0.8	
A4 1.8L Turbo (AEB) 1996 on		-	K20PBR-S10	0.8	
A4 1.8L Turbo (AEB) Quattro 1996 On		-	K20PBR-S10	0.8	
A4 2.4L /2.8L V6 DOHC 5/95 on		-	K22PBR-S	0.8	
A4 2.6L (ABC) 5/1995 on		-	K20PBR-S10	1.0	
A6 2.6L Avant, Quattro, (ABC) 6/1994 ->		-	K20PBR-S10	1.0	
A6 2.8L (ACK) Quattro 1998 on		-	K20PBR-S10	0.8	
A6 2.8L (ACK) Sedan 1998 on		-	K20PBR-S10	0.8	
A8 2.8L (AAH)		-	K20PBR-S10	1.0	
A8 3.7L (AEW) 1996 on		-	T20EPR-U	0.8	
A8 4.2L (ABZ) 1996 on		-	T20 EPR-U	0.8	
5E, 5+5 2.1L 1981		W20EP-U	-	0.8	
80 1.3L to 1985		W20EP-U	-	0.8	
80 1.6L to 1985		W20EP-U	-	0.8	
80 1.6L 1983 ->		W20EPB	-	0.8	
80 1.8L 1983 ->		W20EPB	-	0.8	
80 1.9L (SD) 1987		W20EPB	-	0.8	
80 2.0L (3A) 1988-90		W20EPB	-	0.8	
80 2.0L (AAD) 1990-92		W20EPB	-	0.8	
80 2.0L (ABK) 7/1992 ->		-	W20EPBR-S	0.8	
80 2.3L (NG) 1989 on		-	W16ETR-S	0.8	
80 2.6L Quattro, (ABC) 1/1993 ->		-	K20PBR-S10	1.1	
80 2.8L (AAH) 1992		-	K20PBR-S10	1.0	
80 Cabriolet 2.6L (ABC) 1996		-	K20PBR-S10	1.0	
80 S2 2.2L (3B)		-	PK22PR-8	0.6	
90 Quattro 20V 2.3L (7A) 1989		K22PB	-	0.8	
90 2.3L (NG) 1989 on		-	W16ETR-S	0.8	
100 S4 2.2L (AAN) 3/1993 ->		-	PK22PR-8	0.6	
100 CD 2.3L (KF) 1984-95		W20EPB	-	0.8	
100 CD 2.3L (HX) 1986		W20EPB	-	0.8	
100 CD 2.3L (NF) 1987-91		-	W16ETR-S	0.8	
100 2.6L (ABC) 1/1993 ->		-	K20PBR-S10	1.0	
100 V6 2.8L (AAH) 1992 ->		-	K20PBR-S10	1.0	

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100 V6 Q 2.8L (AAH) 1992 ->	-	K20PBR-S10	1.0
100 2.8L, Avante, Quatro, (AAH) 1/1993 ->	-	K20PBR-S10	1.0
200 5T Turbo	W22EP-ZU	-	0.8
200 Turbo 2.3L (MC) 1986-89	W20EPB	-	0.8
FOX 1.6L 1976-79	W20EP-U	-	0.8
V8 3.6L (PT) 1990-91	T20EP-U	-	0.8
AUSTIN			
(See LEYLAND)			
BENTLEY			
Arnage 4.4L V8 07/1998 on	-	K20TXR	1.1
Brooklands 6.7L EFI 1993 ->	-	W16EPR-U11	1.1
Continental / R 6.7L 1993 ->	-	W16EPR-U11	1.1
Continental V8, S2, S3 to 1974	W20EP-U	W20EPR-U	0.8
Corniche T-Series to 1974	W16EP-U	W16EPR-U	0.8
Corniche T-Series 1975 on	-	W16EPR-U	0.8
Eight 6.7L 1989 on	-	W16EPR-U10	1.0
Mulsanne	-	W16EPR-U	0.8
Mulsanne S 6.7L 1989 on	-	W16EPR-U10	1.0
Turbo R 6.7L 1989 on	-	W16EPR-U10	1.0
BMW			
3.0 LA, 3.0SI, 3.3LA	W20EP-U	-	0.8
3.0 S/CS -> 6/1971	-	W20EPR-U	0.8
3.0 S/CS 6/1971 ->	-	W20EPR-U	0.8
316 1.6L (M43) 1995 ->	-	K20TXR	0.9
318, 318i 1.8L (B18) 1980-87	-	W20EPR-U	0.8
318i, 318si (M40/42 Eng.) 1987	-	W20EPR-U	0.8
318i 1.8L (M43) 9/1993 on	-	K20TXR	0.9
318ti 1.9L (M44) 1996 on	-	K20TXR	0.9
318is (M42) 1990 on	-	K20TXR	0.9
318is (M44) 1996 on	-	K20TXR	0.9
318is 1.9L DOHC 1/98 on	-	K20TXR	0.9
318is 2.8L 1/97 on	-	K20TXR	0.9
320, 320A 1976-1978	-	W20EPR-U	0.8
320A 2.0L 1978-80	-	W20EPR-U	0.8
320i 2.0L 1976-78	-	W20EPR-U	0.8
320i 2.0L 1978-80	-	W20EPR-U	0.8
320i 2.0L 1988-90	-	W20EPR-U	0.8
320i 2.0L E36 (M50 24V) 1991 ->	-	W20EPR-U	0.8
323i 2.3L 1976-78	-	W20EPR-U	0.8
323i 2.3L (M30, M60) 1979-83	-	W20EPR-U	0.8
323i 2.5L (M52) 1996 on	-	K20TXR	0.9
325e 2.5L (M30) 1986-87	-	W20EPR-U	0.8
325e 2.5L E30 (M30) 1988-91	-	W20EPR-U	0.8
325e 2.5L E30, E36 (M50 24V)	-	W20EPR-U	0.8
325e 2.7L (M20) 1985-8/87	-	J16CR-U	0.8
325i 2.5L (M20) 1988-4/91	-	J16CR-U	0.8
325i 2.5L (M50) 4/1991 on	-	K20TXR	0.9
328i 2.8L (M52) 1996 on	-	K20TXR	0.9
520 1972-73	-	W20EPR-U	0.8
520 1973-75	-	W20EPR-U	0.8
520 1975 ->	-	W20EPR-U	0.8
520i 1973-82	-	W20EPR-U	0.8
520i (M20) 1983-85	-	W20EPR-U	0.8
520i E34 (M50 24V) 1990 - 8/92	-	W20EPR-U	0.8
520i 2.0L (M50) 9/1992 on	-	K20TXR	0.9
523i 2.5L (M52) 1996 on	-	K20TXR	0.9
525 1974-75	W20 EP-U	-	0.8
525e 2.5L (M20) 1986-88	-	W20EPR-U	0.8
525i 2.5L (M20) 1988-90	-	W20EPR-U	0.8
525i E34 (M50) 24V 1990-8/92	-	W20EPR-U	0.8
525i 2.5L (M50) 9/1992 on	-	K20TXR	0.9
528 1975-8/77	W20EP-U	-	0.8
528a 2.8L (M20, M86) 1977-84	-	W20EPR-U	0.8
528i 1981-85	W16EP-U	-	0.8
528i 2.8L (M52) 1996 on	-	K20TXR	0.9
530i 3.0L (M60) 1993 on	-	K20TXR	0.9
535i 3.5L (M30) 1986 ->	-	W20EPR-U	0.8
535i 3.5L (M60) 1996 on	-	K20TXR	0.9
535 (M30) 9/1988-8/92	J16CR-U	-	0.8
M535i 1986-88	W16EP-U	-	0.8
540i 4.0L (M60) 9/1992 on	-	K20TXR	0.9
540i 4.4L (M60) 1996 on	-	K20TXR	0.9
630 csi A to 1985	W16EP-U	-	0.8
720i 730i to 1985	W16EP-U	-	0.8

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633CSi 3.3L 1977-80		-	W20EPR-U	0.8
635CSi 3.5L (M30) 1986 ->		-	W20EPR-U	0.8
730i 3.0L 6 Cyl. E32 (M30) 1990-93		-	W20EPR-U	0.8
730i 3.0L V8 1992 ->		-	K22PR-U	0.8
730i 3.0L (M60) 1993 on		-	K20 TXR	0.9
733i 3.3L 1978-86		-	W20EPR-U	0.8
735i 3.2L 1983-84		W16EP-U	-	0.8
735i 3.4L 1985-88		J16CR-U	-	0.8
735i 3.5L 1983-84		-	W20EPR-U	0.8
735i/735iL 3.5L 1985-92		-	W20EPR-U	0.8
740iL 4.0L V8 1992 ->		-	K22PR-U	0.8
740i 4.4L (M60) 1996 on		-	K20TXR	0.9
750iL 5.0L V12		-	W20EPR-U	0.8
750i 5.4L (M73) 1995 on		-	KJ14CR-L11	1.1
840Ci 4.0L V8 1993 ->		-	W20EPR-U	0.8
840Ci 4.4L 1997 on		-	K20TXR	0.9
850i 5.0L (M70) 1991 on		-	W20EPR-U	0.8
L7 5.4L V12 10/1998 on		-	KJ14CR-L11	0.9
M5 3.5L (M88 24V)		X27ES-ZU	-	0.9
M535 3.5L (M30)		-	W20EPR-U	0.8
1500, 1502 1969 ->		-	W20EPR-U	0.8
1600, 1602 to 1969		-	W20EPR-U	0.8
1800, 1802 1970 ->		-	W20EPR-U	0.8
2000 2.5L 1969-75		-	W20EPR-U	0.8
2000Ti, 2002Ti 1969 ->		-	W20EPR-U	0.8
2500 C8, 2800, 2800L		-	W20EPR-U	0.8
Z3 1.9L (M44) 1997 on		-	K20TXR	0.9
Z3 2.8L (M52) 1997 on		-	K20TXR	0.9
CHRYSLER				
(See also MITSUBISHI)				
4 Cylinder Engines				
Neon 2.0L 98Kw 1996 on		-	Q20PR-U	0.8
6 Cylinder Engines:				
Centura		W16EP-U	W16EPR-U	0.8
Valiant		W16EP-U	W16EPR-U	0.8
Voyager 3.3L V6 MPI 4/97 on		-	W16EPR-U11	1.3
V-8 Engines:				
Valiant 318 cu. in. 3/4" Reach		W16EP-U	W16EPR-U	0.8
Valiant 318 cu. in. 3/8" Reach		W16P-U	W16PR-U	0.9
Valiant 340 cu. in.		W20EP-U	W20EPR-U	0.8
Valiant 360 cu. in.		W16EP-U	W16EPR-U	0.8
CITROEN				
AX 1.4L 1991-6/92		-	Q22PR-U	0.8
AX 1.4L (TU3FMC) 7/1992 on		-	Q16PR-U	0.8
AX 1.4L GTi (TU3FJ2) 7/1992 on		-	K20TXR	0.9
BX16 1.9L Valve 1989 on		Q22P-U	Q22PR-U	0.8
BX16, BX19GT 1.6L, 1.9L, 1986-89		T20EP-U	T20EPR-U	0.9
BX19TRI		-	Q20PR-U	0.7
BX TZI 1.9L 1990 on		Q20P-U	-	0.8
CX 2.5L NS 1984 on		W22FP-U	W22FPR-U	0.7
CX2200 Super, CX2200 Pallas		W20FP-U	W20FPR-U	0.7
CX2400 Pallas (M23) 1978 on		W20FP-U	W20FPR-U	0.7
CX25 GTi		W20FP-U	W20FPR-U	0.7
D Special, D Super, D Super 5 1970-75		W20FP-U	W20FPR-U	0.7
DS19, DS20, DS23 (DX5) 2350cc FI 1973-75		W20FP-U	W20FPR-U	0.7
G Special 1015cc		W20EP-U	W20EPR-U	0.8
GS 1015cc 1/2" Reach 1972-75		W20FS-U	W20FSR-U	0.7
GS 1015cc 3/4" Reach 1972-75		W20EP-U	W20EPR-U	0.8
GS Club 1220cc 1974-75		W20EP-U	W20EPR-U	0.8
ID19, ID20		W22FP-U	W22FPR-U	0.7
Xantia 3.0L V6 8/1998 on		-	K20TXR	1.0
Xantia SX, VSX 2.0L 1995 on		-	K20TXR	0.9
Xantia SX, Image 2.0L 16V 1996 on		-	K20PR-U	0.8
Xantia Turbo CT 2.0L (RGX) 1997 on		-	K20TXR	0.9
XM (SFZ V6) 1990		Q22P-U	Q22PR-U	0.8
DAEWOO				
1.5L 8/1994 ->		-	W20EPR-U	0.8
Cielo SOHC 9/1995 ->		-	W20EPR-U	0.8
Cielo DOHC 9/1995 ->		-	K20PRU-11	1.1
Espero 2.0L 3/1995 ->		-	W20EPR-U	0.8
Korando 3.2L 6 Cyl 11/1998 on		-	Q20PR-U11	1.1
Lanos 1.5L (A15) 8/1997 on		-	W20EPR-U	0.8
Lanos 1.6L (A16DM) 8/1997 on		-	K20PR-U11	1.1
Leganza 2.0L (C20SED) 8/1997 on		-	K20TXR	0.9

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Musso 3.2L 6 Cyl 8/1998 on	-	Q20PR-U11	1.1
Nubira 1.6L (A16DM) 8/1997 on	-	K20PR-U11	1.1
Nubira 2.0L 5/1998 on	-	K20TXR	0.8
DAIHATSU			
Applause 1989-12/97	-	K20PR-U11	1.1
Applause A101, 1.6L (HD-E1) 1998 on	-	K20TNR-S	1.0
Centro 0.66l 1995 ->	-	QL22TR-S	0.9
Charade G10, G11 - 04/1980-5/87	W16EX-U	W16EXR-U	0.9
Charade F20L, F20V	W16EX-U	W16EXR-U	0.8
Charade G100 1.0L 5/1987 on	W16EX-U	W16EXR-U	0.8
Charade G102 1.3L 10/1988 on	-	K20PR-U11	1.1
Charade G200 1.0L 1993	W16EX-U	W16EXR-U	0.8
Charade G202 1.3L 1993	-	K20PR-U11	1.1
Charade G203 1.5L 1994	-	K20PR-U11	1.1
Charade Turbo	W20EX-U	W20EXR-U	0.8
Charade XG, XO, XTE	W16EX-U	W16EXR-U	0.8
Charmant 1200, 1300, 1400, 1600	W16EX-U	W16EXR-U	0.8
Cuore L701 (EJ-DE) 2/1999 on	-	K16PR-U11	1.1
GTI Turbo	-	W20ETR-L	0.8
Fellow Max to 9/1972	W22ES-U	W22ESR-U	0.8
Fellow Max 10/1972 on	W20ES-U	W20ESR-U	0.8
Fellow Max 550 Series	W22ES-U	W22ESR-U	0.8
Handivan	W20EP-U	W20EPR-U	0.8
Max Cuore Series , Cuore 550	W20EP-U	W20EPR-U	0.8
Mira L201 11/1990 on	-	W20EXR-U	0.8
Mira L200 3/1992 on	-	QL22TR-S	1.0
Mira L500	-	W20EXR-U11	1.1
Move 0.85L (ED20) 1997 on	-	W20EXR-U11	1.1
Pyzar 1.5L (HE-EG) 1/1997on	-	K20PR-U11	1.1
Sirion 1.0L (EJ-DE) 6/1998 on	-	K20PR-U11	1.1
Terios 1.3L (HC-EJ) 2/1997 on	-	K20TNR-S	1.0
4WD Soft Top 1/2 Tonne (RR)	W16EX-U	W16EXR-U	0.8
360SS Air Cooled to 3/1969	W24FS-U	W24FSR	0.7
360SS Water Cooled 4/1969 on	W24ES-U	W24ESR-U	0.8
1000 Series to 1977	W20ES-U	W20ESR-U	0.8
1000 Series 1978 on	W16EX-U	W16EXR-U	0.8
1200 Series	W16EX-U	W16EXR-U	0.8
DAIMLER			
Double Six , Double Six EFI 5.3L to 1981	W16EP-U	W16EPR-U	0.8
Double Six, HE Engine 1982-85	T20EP-U	-	0.8
Double Six, HE Engine 1986-9/91	T22EP-U	-	0.8
Double Six, HE Engine 10/1991-93	T22EP-U	-	0.8
Double Six, HE Engine 6.0L 1993 on	T22EP-U	-	0.8
Landaulette	W16EP-U	W16EPR-U	0.8
Limousine 4.2 (XK)	W16EP-U	-	0.8
Sovereign 2.8L	W22EP-U	W22EPR-U	0.8
Sovereign 3.4L	W20EP-U	W20EPR-U	0.8
Sovereign 3.6L, 4.0L	-	Q20PR-U	0.8
Sovereign 4.2L	W16EP-U	W16EPR-U	0.8
Vanden Plus 4.2L Carb.	-	W16EPR-U	0.8
Vanden Plus 4.2L EFI	-	W20EPR-U	0.8
Vanden Plus 5.3L 1984 on	-	W16EPR-U	0.8
DE TOMASO			
Deauville 5.8L	-	T16PR-U	0.9
Longchamp , Pantera 5.8L	-	T16PR-U	0.9
DODGE			
6 Cylinder Engines:			
198 cu. in. 1970-77	W16EP-U	W16EPR-U	0.8
225 cu. in. 1975-77	T16P-U	T16PR-U	0.9
225 cu. in. 1978 on	-	T16PR-U	0.9
V-8 Engines:			
273 cu. in. 1964-74	W16EP-U	W16EPR-U	0.8
318 cu. in. 3/8" Reach	W16P-U	W16PR-U	0.9
318 cu. in. 3/4" Reach	W16EP-U	W16EPR-U	0.8
340 cu. in. 1960-73	W20EP-U	W20EPR-U	0.8
340 cu. in. 1973 on	W16EP-U	W16EPR-U	0.8
360 cu. in. 1960-74	W16EP-U	W16PR-U	0.8
383 cu. in. 1960-74	W16P-U	W16PR-U	0.9
400 cu. in. 1960-74	W16P-U	W16PR-U	0.9
440 cu. in. 1960-74	W16P-U	W16PR-U	0.9

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EUNOS				
Eunos 500 2.0L V6 10/1992 on	-		K20PR-U11	1.1
Eunos 30X 1.8L V6 10/1992 on	-		K16PR-U11	1.1
Eunos 800 2.3L V6 4/1994 on	-		PKJ16CR-8	0.8
Eunos 800 2.5L V6 4/1994 on	-		KJ20CR-11	1.1
FERRARI				
Dino 308 GT4 3.0L	W22EP-U		W22EPR-U	0.8
F40	U24ES-N		U24ESR-N	0.5
Mondial Cabriolet T 3.4L 1990 ->	X24ES-ZU		-	0.6
Mondial 3.0L to 1984	W22EP-U		W22EPR-U	0.8
Mondial 3.0L 1986 on	W24EP-U		W24EPR-U	0.8
Mondial 3.2L	X24ES-ZU		-	0.6
Testarossa	X24ES-ZU		-	0.6
308 GTB, GTBS, GTS, GTSI	W22EP-U		W22EPR-U	0.8
328 GTS, Mondial Quattravale	-		X24ESR-U	0.6
348 TB 3.4L 1990 ->	X24ES-ZU		-	0.6
349 TS 3.4L 1990 ->	X24ES-ZU		-	0.6
365 Berlinetta Boxer	W22EP-U		W22EPR-U	0.8
365 GT, 365GT 2+2, 400A, 400AI	W22EP-U		W22EPR-U	0.8
512, 512i Berlinetta Boxer	W24EP-U		W22EPR-U	0.8
F355 3.5L V8 03/1995 on	-		U24ESR-NZU	0.6
550M 5.5L V12 09/1997 on	-		X27ES-ZU	0.6
456 GT 5.5L V12 10/1998 on	-		X27ES-ZU	0.6
FIAT				
Argenta 1200, 1600, 2000	W20EP-U		W20EPR-U	0.8
Campagnola	W20EP-U		W20EPR-U	0.8
Regatta 85S 1.5L, 100S 1.6L, 1985 on	W20EP-U		W20EPR-U	0.8
X1/9 1.3L 1977-80	-		W20EPR-U	0.8
X1/9 1.5L 1981 on	-		W22EPR-U	0.8
124 1200 1966-71	W20EP-U		W20EPR-U	0.8
124 1431 1968-71	W22EP-U		W22EPR-U	0.8
124 1600 1971-73, 1756 1973-76	W22EP-U		W22EPR-U	0.8
125 1600 1968-72	W20EP-U		W20EPR-U	0.8
125 Special	W22EP-U		W22EPR-U	0.8
126 All Models	W20FP-U		W20FPR-U	0.6
127 900 All Models	W20EP-U		W20EPR-U	0.8
128 1100, 1300, 1400 1976-78	W20EP-U		W20EPR-U	0.8
130 V6 3.2L 1972-76	W20EP-U		W20EPR-U	0.8
131 Mirafiori CL 1300, 1400, 1600 1977-79	W20EP-U		W20EPR-U	0.8
131 Super Mirafiori 1600 1979-80	W20EP-U		W20EPR-U	0.8
131 Superbrava MkII, MkIII 2000 1982-84	W20EP-U		W20EPR-U	0.8
131 Superbrava 2000 DOHC 1981-82	W20EP-U		W20EPR-U	0.8
132 1600 1973-76	W20EP-U		W20EPR-U	0.8
132 1800 1974-77	W22EP-U		W22EPR-U	0.8
132 2000 to 1980	W20EP-U		W20EPR-U	0.8
500D 1969-71	W20FP-U		W20FPR-U	0.6
500R All Models	W22FP-U		W22FPR-U	0.6
600 All Models	W22FP-U		W22FPR-U	0.6
850 1969-71	W20EP-U		W20EPR-U	0.8
850 Special, Sport, Spider	W22EP-U		W22EPR-U	0.8
1200	W20FS-U		W20FSR-U	0.6
1300, 1500, 1600S, 1800B, 2300, 2300S	W20EP-U		W20EPR-U	0.8

Passenger Cars

FORD				
Capri 1.3L, 1.6L & 3.0L to 1973		W20EP-U	W20EPR-U	0.8
Capri 2.0L to 1973		MA20P-U	MA20PR-U	0.8
Capri SA SOHC 1989-90		W16EP-U11	W16EPR-U11	1.1
Capri SA Turbo 1989-90		Q20P-U11	Q20PR-U11	1.1
Capri SB DOHC 1990-93		K20P-U11	K20PR-U11	1.1
Capri SB Turbo 1990-93		K20P-U11	K20PR-U11	1.1
Capri SC DOHC 1993		K16P-U11	K16PR-U11	1.1
Capri SC Turbo 1993		K20P-U11	K20PR-U11	1.1
Corsair 2.0L CA20E	Inlet 1989-91	Q20P-U11	Q20PR-U11	1.1
	Exhaust 1989-91	Q16P-U11	Q16PR-U11	1.1
Corsair 2.4L KA24E	Inlet 1989-91	-	K16GPR-U11	1.1
	Exhaust 1989-91	-	Q16PR-U11	1.1
Cortina 4 Cylinder Models				
MKI, MKII (GT Lotus) 1962-67		W20EP-U	W20EPR-U	0.8
TC, TD 1974		MA20P-U	MA20PR-U	0.9
TD 1975-77		MA16P-U	MA16PR-U	0.9
TE, TF 1977-82		MA16P-U	MA16PR-U	0.9
Cortina 6 Cylinder Models				
TC, TD 1972-76		MA16P-U	MA16PR-U	0.9
TD, TE, TF Iron Head 1976-80		T16P-U	T16PR-U	0.9
TE, TF Alloy Head 1980-82		W16EP-U	W16EPR-U	0.8
Escort				
MKI, MKII 1.1, 1.3, 1.6L 1970-76		W20EP-U	W20EPR-U	0.8
MKII 1.6L 1975-76		W22EP-U	W22EPR-U	0.8
MKII 1.6L 1976-81		W20EP-U	W20EPR-U	0.8
MKII 2.0L (RS2000) 1977-81		MA20P-U	MA20PR-U	0.9
Fairlane 6 Cylinder Models				
AU 4.0L SOHC 2/99 on		-	W16EXR-U11	1.1
NA, NC 1988-92		-	J16AR-U11	1.1
NC 3.9L 7/1991-2/92		-	J16AR-U11	1.1
NC 4.0L 3/1992-9/94		-	J16AR-U11	1.1
NF 4.0L 9/1994 on (except Tickford Engine)		-	W16EXR-U11	1.1
NL 06/1998on		-	W16EXR-U11	1.1
ZA, ZB, ZC, ZD, ZF, ZG 1967-75		MA16P-U	MA16PR-U	0.9
ZJ (Iron Head) 1979-80		T16P-U	T16PR-U	0.8
ZJ, ZK (Alloy Head) 1980-84		W16EP-U	W16EPR-U	0.8
ZL 1984-88		-	J16AR-U11	1.1
Fairlane 8 Cylinder Models				
AU 4.0L SOHC 02/99 on		-	W16EXR-U11	1.1
NC 1992-94		T16P-U15	T16PR-U15	1.5
NF 1994		-	T16PR-U15	1.5
ZA, ZB 1962-68		MA16P-U	MA16PR-U	0.9
ZC, ZD 1968-72		MA20P-U	MA20PR-U	0.9
ZD, ZF, ZG 4.9 & 5.8L 1972-76		T20P-U	T20PR-U	0.9
ZH, ZJ, ZK 1976-83		T16P-U	T16PR-U	0.8
Falcon/Fairmont 6 Cylinder Models				
AU 4.0L 6 Cyl 9/1998 on		-	W16EXR-U11	1.1
EA, EB 3.9L 1988-92		-	J16AR-U11	1.1
EB, ED 4.0L (Exc. XR6) 1992-94		-	J16AR-U11	1.1
EF (Exc. XR6) 1994		-	W16EPR-U11	1.1
EL 4.0L 10/1996 on (except Tickford Engine.)		-	W16EXR-U11	1.1
XA, XB to 1975		MA16P-U	MA16PR-U	0.9
XC, XD (Iron Head) 1976-80		T16P-U	T16PR-U	0.8
XD, XE (Alloy Head) 1980-84		W16EP-U	W16EPR-U	0.8
XF 1984-88		-	J16AR-U11	1.1
XK, XL, XM, XP, XR 1960-71		MA16P-U	MA16PR-U	0.9
XT, XW, XY 1960-71		MA16P-U	MA16PR-U	0.9
Falcon/Fairmont 8 Cylinder Models				
EB (Exc. GT & XR8) 1991-94		-	T16PR-U15	1.5
EB (GT & XR8) 1991-94		-	T20EPR-U15	1.5
EF 1994		-	T16PR-U15	1.5
EL XR8, 5.0L 10/1996 on		-	T16PR-U15	1.5
XA, XB 1972-76		T20P-U	T20PR-U	0.8
XC, XD, XE 1976-83		T16P-U	T16PR-U	0.8
XR 1966-68		MA16P-U	MA16PR-U	0.9
XR (GT), XT, XW (302) 1968-71		MA20P-U	MA20PR-U	0.9
XW (351 - Cleveland) 1970-71		T20P-U	T20PR-U	0.8
XW (351 - Windsor)		MA20P-U	MA20PR-U	0.9
XY (302) 1971-72		MA16P-U	MA16PR-U	0.9
XY (351) 1971-72		T16P-U	T16PR-U	0.8
Festiva WA, WB 1.3L 1991				
WB 1.5L B5 1/1997 on		-	K20PR-U11	1.1
WF 1.3L B3 1/1998		-	W16EPR-U11	1.1
WF 1.5L B5 1/1998		-	K20PR-U11	1.1
Laser				
KA, KB 1981-85		W16EX-U	W16EXR-U	0.8

Passenger Cars

KC 1.3L 1985-87		W16EX-U	W16EXR-U	0.8
KC 1.6L 1985-87		W16EX-U11	W16EXR-U11	1.1
KE 1.3L, 1.6L 1987-89		W16EX-U11	W16EXR-U11	1.1
KE 1.6L Turbo 1987-89		Q20P-U11	Q20PR-U11	1.1
KF 1.6L Carb. 1990-91		-	K16PR-U11	1.1
KF 1.8L EGI - SOHC 1990-91		-	K16PR-U11	1.1
KF 1.8L EGI - DOHC 1990-91		-	K20PR-U11	1.1
KF 1.8L EGI - Turbo 1990-91		-	K20PR-U11	1.1
KH 1.6L (B7) SOHC 10/1991 on		-	K16PR-U11	1.1
KH 1.8L EGI - SOHC 1991-94		-	K16PR-U11	1.1
KH 1.8L EGI - TX3 DOHC 1991-94		-	K20PR-U11	1.1
KH 1.8L EGI - TX3 Turbo 1991-94		-	K20PR-U11	1.1
KJ 1.6L Liata 10/1994 on		-	K16PR-U11	1.1
KJ 1.8L Liata 10/1994 on		-	K20PR-U11	1.1
KJ 1.8L Lynx 10/1994 on		-	K20PR-U11	1.1
LTD 6 Cylinder Models				
DA, DC 1988-92		-	J16AR-U11	1.1
DC 4.0L 1992-9/94		-	J16AR-U11	1.1
DF 4.0L (Except Tickford Engine) 9/1994 on		-	W16EXR-U11	1.1
FC (Iron Head) 1979-80		T16P-U	T16PR-U	0.8
FC, FD (Alloy Head) 1981-83		-	W16EPR-U	0.8
FE 1984-88		-	J16AR-U11	1.1
LTD 8 Cylinder Models				
DC 5.0L 1991		-	T16PR-U15	1.5
5.0L 351ci to 1976		-	T16PR-U15	1.5
FC, FD 1976-83		-	T16PR-U	0.9
Landau 1973-76		T16P-U	T16PR-U	0.8
Meteor				
GA, GB 1981-85		W16EX-U	W16EXR-U	0.8
GC 1985-87		W16EX-U11	W16EXR-U11	1.1
Mondeo				
2.0L DOHC 9/1995 ->		-	PT16VR-13	1.3
Probe ST 2.5L V6 1994 ->		-	KJ16CR-11	1.1
TX5 2.0L AR, AS Lead 1983-85		W16EX-U	W16EXR-U	0.8
TX5 2.0L AS, AT (ULP) 1986-87		W16EX-U11	W16EXR-U11	1.1
TX5 2.0L AS Turbo 1986-87		W20EX-U11	W20EXR-U11	1.1
TX5 2.2L AT, AV 1987-89		-	QJ20CR-11	1.1
TX5 2.2L Turbo 1987-89		-	QJ20CR-11	1.1
TX5 2.2L AT, AV 1989-91		-	KJ20CR-11	1.1
TX5 2.2L Turbo 1989-91		-	KJ20CR-11	1.1
TX5 2.0L AX 1992-94		-	K16PR-U11	1.1
AY 2.0L 1994		-	K16PR-U11	1.1
Telstar 6 Cylinder Models				
AX 2.5L 1992-94		-	KJ16CR-11	1.1
AY 2.5L 1994		-	KJ16CR-11	1.1
Other				
Mustang 289 1965-67		T16P-U	T16PR-U	0.8
Mustang 289 1968		MA16P-U	MA16PR-U	0.9
Mustang 302 2-bbl 1971		MA16P-U	MA16PR-U	0.9
Mustang 302 4-bbl 1971		MA20P-U	MA20PR-U	0.9
Mustang 351 Cleveland 1970		T16P-U	T16PR-U	0.8
Mustang 351 Windsor 1970		MA16P-U	MA16PR-U	0.9
Zephyr Zodiac Mkl, II, III 1951-65		W20EP-U	W20EPR-U	0.8
FSM				
650 NIKI		W22FP-U	W22FPR-U	0.7
HILLMAN				
Arrow, Hunter, Husky, IMP		W20EP-U	W20EPR-U	0.8
Minx 1955-57		W20EP-U	W20EPR-U	0.8
Minx Series 4 1600 1963-65		W20ES-U	W20ESR-U	0.8
Minx All Models 1966 on		W20EP-U	W20EPR-U	0.8
HOLDEN (GM-H)				
Apollo JK, JL 2.0L 1989-93		-	Q16R-U11	1.1
Apollo JM, JP 2.2L 1993-97		-	PK20R-11	1.1
Apollo JM, JP 3.0L 1993-97		-	PQ20R	1.1
Astra LB 1.5L 1984-86		W16EX-U	-	0.8
Astra LC 1.6L 1986-87		W16EX-U11	-	1.1
Astra LD 1.6L 1987-89		W20EX-U	-	0.8
Astra LD 1.8L 1987-89		W20EX-U	-	0.8
Astra TR 1.6L 9/1996 on		-	W16EPR-U	0.8
Astra TR 1.8L 16V 9/1996-98		-	K20TXR	0.8
Astra TR 2.0L 16V 9/1996-98		-	K20TXR	0.8
Barina MB, ML 1.3L 1985-88		W16EX-U	-	0.8
Barina MF, MH 1.3L 1989-94		W20EP-U	-	0.8
Barina SB 1.2L 1994-97		-	W16EPR-U	0.8

Passenger Cars

Barina SB 1.4L 1994 ->	-	W20EPR-U	0.8
Barina SB 1.6L 1994 ->	-	K20PR-U	0.8
Barina Cabrio SB 1.4L (C14SE) 11/1997 on	-	K20TXR	0.8
Calibra YE (Auto) 2.0L 1991-94	-	W16EPR-U	0.8
Calibra YE (Man) 2.0L 1991-97	-	K20PR-U	0.8
Calibra YE (Turbo) 2.0L 1993-97	-	K20PR-U	0.8
Calibra 2.5L V6 1995-97	-	K20TXR	0.8
Camira All 1982-87	W20EX-U	-	0.8
Camira JE 1987-89	-	W20EPR-U	1.1
Commodore VB 2.85L 1978-80	T16P-U	-	1.0
Commodore VB 3.3L 1978-80	T16P-U	-	1.0
Commodore VB 4.2 & 5.0L 1978-80	T16P-U	-	1.0
Commodore VC/VH/VK 4 Cyl. 1980-86	T20EP-U	-	1.0
Commodore VC/VH/VK 6 Cyl. 1980-86	T20EP-U15	-	1.5
Commodore VC/VH/VK 8 Cyl. 1980-86	T16-U15	-	1.5
Commodore VL 6 Cyl. 1986-88	Q20P-U11	-	1.1
Commodore VL 8 Cyl. 1986-88	T16-U15	-	1.5
Commodore VL (XV2) 8 Cyl. 1986-88	T20EP-U	-	1.0
Commodore VN 6 Cyl. 1988-91	-	T16EPR-U15	1.5
Commodore VN 8 Cyl. 1988-91	-	T20EPR-U	0.9
Commodore VP 6 Cyl. 1991-93	-	T16EPR-U15	1.5
Commodore VP 8 Cyl. 1991-93	-	T20EPR-U	0.9
Commodore VR 6 Cyl. 1993-4/95 except supercharged	-	T20EPR-U15	1.5
Commodore VR 8 Cyl. 1993-4/95	-	T20EPR-U	0.9
Commodore VS 6 Cyl. 4/1995-97 except supercharged	-	T20EPR-U15	1.5
Commodore VS 8 Cyl. 4/1995-97	-	T20EPR-U	0.9
Commodore VT 3.8L 9/1997 on except supercharged	-	T20EPR-U15	1.5
Commodore VT 5.0L 9/1997 on	-	T20EPR-U	1.0
Frontera			
Gemini - All 1975-86	W20EX-U	-	0.8
Holden - Inc Statesman 6 Cylinder			
48/FJ/FE/FC/FB/EK/EJ 1948-63	W16S-U	-	0.8
EH/HD - Gasket Seat 1963-66	W16ES-U	-	0.9
EH/HD/HR/HK/HT/HG - Tapered 1963-71	T16P-U	-	0.9
HR - Gasket 1966-68	W20EP-U	-	0.9
HD/HR X2 & S Engine - Tapered 1966-68	T20P-U	-	0.9
HD/HR X2 & S Engine - Gasket 1964-68	W20ES-U	-	0.9
HG/HK/HT 161 & 186 Engine 1968-71	W20EP-U	-	0.9
HG/HK/HT 186S Engine - Gasket 1968-71	W20ES-U	-	0.9
HG/HK/HT 186S Engine - Tapered 1968-71	T20P-U	-	0.9
HJ/HQ 173 & 202 Engine 1971-76	T16P-U	-	0.9
HX/HZ 2.85 & 3.3L 1976-78	T16P-U	-	0.9
WB 3.3L 1980-84	T20EP-U	-	0.9
WH 3.8L 05/99 on	-	T20EPR-U15	1.5
VB	T16P-U	-	0.9
VG/VQ 3.8L 1988-91	-	T16EPR-U15	1.5
VS 3.8L 06/1994 ->	-	T20EPR-U15	1.5
VQ, VR, VS 1990-5/94	-	T20EPR-U	0.9
Holden - Inc Statesman 8 Cylinder			
HK - Early 1968-69	W16S-U	-	0.9
HG/HT 253 & 308 Engine 1969-71	T16P-U	-	0.9
HQ 350 Engine Normal Service 1971-74	T16P-U	-	0.9
HQ 350 Engine Severe Service 1971-74	T20P-U	-	0.9
HJ/HQ 4.2 & 5.0L 1971-76	T16P-U	-	0.9
HX/HZ 4.2 & 5.0L 1976-78	T16P-U	-	1.0
WB 4.2 & 5.0L 1980-84	T16-U15	-	1.5
VG/VQ 5.0L 1988-91	-	T20EPR-U	1.0
Nova - LE (Carb.) - 1.6L 1989-91	-	QJ16AR-U11	1.1
Nova - LE/LF 1.4L (6A-FC) 6/89	-	QJ16AR-U	1.1
Nova - LE/LF (EFI) - 1.6L 1989-91	-	Q16R-U	0.8
Nova - LF - 1.8L 1991-94	-	K16R-U	0.8
Nova - LG - 1.6L 1994 ->	-	K16R-U	0.8
Nova - LG - 1.8L 1994 ->	-	K16R-U	0.8
Piazza - YB - 2.0L 1986-88	Q20P-U11	-	1.1
Torana - 4 Cylinder Models			
HOLDEN (GM-H)			
HB 1967-69	W20ES-U	-	0.8
LC/LJ/TA - Gasket 1969-76	W22EP-U	-	0.8
LC/LJ/TA 1.6L & 1.76L Tapered 1969-76	T20P-U	-	0.8
LH/LX 1.89L (Opel Engine) 1974-78	W20FP-U	-	0.8
UC 1.89L (Starfire Engine) 1978-79	T20EP-U	-	1.0
Torana - 6 Cylinder Models			
LC 2.25L & 2.6L - Gasket 1969-72	W20EP-U	-	0.9
LC/LJ 2.25, 2.6 & 2.85L - Tapered 1969-74	T16P-U	-	0.9
LC/LJ - XU1 Normal Service 1969-74	W20EP-U	-	0.9
LC/LJ - XU1 Severe Service 1969-74	W22EP-U	-	0.9
LH/LX 2.85 & 3.3L 1974-76	T16P-U	-	0.9

Passenger Cars

LX/UC 2.85L 1976-79		T20P-U	-	1.0
LX/UC 3.3L 1976-79		T16P-U	-	1.0
Torana - 8 Cylinder Models				
LH/LX 1974-78		T16P-U	-	1.0
LH - SL/R5000 1974-76		T20P-U	-	1.0
VECTRA				
Vectra 2.0L DOCH 6/1997 on		K20TXR	-	0.9
Vectra 2.5L DOCH V6 6/1997 on		K20TXR	-	0.9
HONDA				
Accord 1.6L 1977-78		W20ES-U	-	0.8
Accord 1.6L 1979-81		W16EP-U	W16EPR-U	0.8
Accord 1.6L 1982		W16EX-U	W16EXR-U	0.8
Accord 1.6L 1983		W20EX-U11	W20EXR-U11	1.1
Accord 1.8L 1984-85		W20EX-U11	W20EXR-U11	1.1
Accord 2.0L 1986-89		-	W20EXR-U11	1.1
Accord 2.2L 1990-93		-	KJ20CR-L11	1.1
Accord 2.2L SOHC 1994 ->		-	KJ20CR-L11	1.1
Accord 2.2L VTEC 1994 ->		-	KJ20CR-L11	1.1
Accord Wagon 2.2L VTEC 1994 ->		-	KJ20CR-L11	1.1
Accord 2.3L V-TECH 1998 on		-	KJ16CR-L11	1.1
Accord 3.0L V-TECH		-	KJ16CR-L11	1.1
Aerodeck 2.2L 1992-93		-	KJ20CR-L11	1.1
City 1984-86		W16EX-U11	W16EXR-U11	1.1
Civic 1.2L 1977-79		W16EX-U	W16EXR-U	0.8
Civic 1.5L 1977-79		W20ES-U	-	0.8
Civic 1.3L 1980-81		W16EX-U	W16EXR-U	0.8
Civic 1.3L 1982-83		-	W16EXR-U	0.8
Civic 1.5L 1984-87		W20EX-U11	W20EXR-U11	1.1
Civic 1.5L 1988-89		-	Q20PR-U11	1.1
Civic 1.5L 1989-91		-	Q16PR-U11	1.1
Civic 1.3L SOHC (1 Carb.) 1992-93		-	K20PR-U11	1.1
Civic 1.5L SOHC (1 Carb.) 1994-10/95		-	K20PR-U11	1.1
Civic 1.5L SOHC (2 Carb.) 1992-93		-	K20PR-U11	1.1
Civic 1.5L SOHC (PGM-F1) 1994-10/95		-	KJ16CR-L11	1.1
Civic 1.6L B16A2 Eng. 11/1995 ->		-	K20PR-L11	1.1
Civic 1.6L DOHC (PGM-F1) 1992-93		-	K20PR-L11	1.1
Civic 1.6L D16Y4 Eng. 11/1995 ->		-	KJ16CR-L11	1.1
Civic D16Y5 Eng. 11/1995 ->		-	KJ16CR-L11	1.1
Civic D16Y1 Eng. 11/1995 ->		-	K20PRU-11	1.1
Civic 1.5L SOHC (VTEC) 1994-10/95		-	KJ16CR-L11	1.1
Civic 1.6L SOHC (VTEC) 1994-10/95		-	K20PR-U11	1.1
Civic 1.6L SOHC 03/99 on		-	KJ16CR-L11	1.1
Civic Breeze 1.5L Single Carb. 1994 ->		-	K20PRU-11	1.1
Civic VEI 1.5L V-TECH E.F.I. to 1995		-	KJ16CR-L11	1.1
Civic VTI 1.6L SOHC 2/1996 on		-	K20PR-L11	1.1
Concerto 1.5L 1989		-	Q20PR-U11	1.1
Concerto 1.5L 1990-91		-	Q16PR-U11	1.1
CRV 2.0L (B20B) DOHC 10/1997 on		-	KJ16CR-L11	1.1
CRV 2.0L 10/97on		-	KJ20CR-L11	1.1
CRX 1.6L 1988-91		-	Q20PR-U11	1.1
CRX 1.6L (VTEC) 1992 ->		-	K20PR-L11	1.1
Integra 1.6L 1986-88		-	Q20PR-U11	1.1
Integra 1.8L 1989-93		-	Q16PR-U11	1.1
Integra 1.8L DOHC 1994 ->		-	KJ16CR-L11	1.1
Integra 1.8L (VTEC) 1994 ->		-	K20PR-L11	1.1
Legend 2.5L 1986-87		-	Q20PR-U11	1.1
Legend 2.7L 1988-91		-	Q20PR-U11	1.1
Legend 3.2L 1991 ->		-	PK20PR-L11	1.1
Legend 3.5L E.F.I. 1996 on		-	PK20PR-L11	1.1
Legend 3.5L V6 SOHC 01/99 on		-	PK16PR-L11	1.1
LIFE 360		W20ES-U	-	0.8
N360, N400, N600		W24ES-U	W24ESR-U	0.8
NSX 3.0L (VTEC) 1991 ->		-	PK20PR-L11	1.1
NSX 3.2L V6 DOHC 4/1997 on		-	PK20PR-L11	1.1
Odyssey 2.2L 1995 ->		-	KJ16CR-11	1.1
Odyssey 2.3L SOHC V-TECH 1998 on		-	KJ20CR-L11	1.1
Prelude 1.6L 1979-81		W16EP-U	W16EPR-U	0.8
Prelude 1.6L 1982		W16EX-U	W16EXR-U	0.8
Prelude 1.8L 1983-85		W20EX-U11	W20EXR-U11	1.1
Prelude 1.8L 1986-87		-	W20EXR-U11	1.1
Prelude 2.0L 1988-89		-	Q20PR-U11	1.1
Prelude 2.0L 1990-91		-	Q20PR-U11	1.1
Prelude 2.2L 1992-94		-	KJ20CR-L11	1.1
Prelude 2.2L (VTEC) 1994 ->		-	PKJ20CR-L11	1.1
Prelude 2.2 DOHC 1997 on		-	KJ20CR-L11	1.1
Prelude 2.2 DOHC V-TECH 1997 on		-	PKJ20CR-L11	1.1

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Prelude 2.3L 1992-94		-	KJ20CR-L11	1.1
Z360		W20ES-U	W20ESR-U	0.8
HUMMER		W16EP-U	W16EPR-U	0.8
Hawk 1951 on		W20EP-U	W20EPR-U	0.8
Imperial		W16EP-U	W16EPR-U	0.8
HYUNDAI				
Excel 1.5L (Alpha II Engine) 1994 ->		-	K16PR-U11	1.1
Excel 1.5L Carb. - X1 1986-11/91		W20EP-U	W20EPR-U	0.8
1.5L EFI - X2 11/91-10/94		-	W20EPR-U	0.8
Excel 1.5L DOHC 1/1998 on		-	K16PR-U11	1.1
Excel Van 1.5L 1995 on		-	K20PR-U11	1.1
Lantra 1.6L, 1.8L 1991		W20EP-U11	W20EPR-U11	1.1
Lantra 1.8L J2 DOHC 10/1995		-	K16PR-U11	1.1
S Coupe 1.5L 1990		W20EP-U11	W20EPR-U11	1.1
1.5L Turbo 1992		-	Q22PR-U	0.8
S Coupe 1.8L/ 2.0L (Beta engine) 8/1996 on		-	K16PR-U11	1.1
Sonata 2.4L 1989-92		W20EP-U11	W20EPR-U11	1.1
Sonata (EF) 2.0L DOHC 8/1998 on		-	W20EPR-U11	1.1
3.0L V6 1990 ->		-	P16PR-11	1.1
2.0L 1993-8/94		W20EP-U11	W20EPR-U11	1.1
JAGUAR				
E-Type 6 Cyl. 3.8L 4.2L		W16EP-U	W16EPR-U	0.8
E-Type V12 5.3L		W16EP-U	W16EPR-U	0.8
MK10 3.8L, 4.2L		W16EP-U	W16EPR-U	0.8
S Series 3.4, 3.8L		W16EP-U	W16EPR-U	0.8
XJ-S HE V12 1986-9/93		-	T22EPR-U	0.9
XJ-S HE V12 1982-85		T20EP-U	T20EPR-U	0.9
XJ-S 3.6L, 4 Valve		-	Q20PR-U	0.8
XJ-S 4.0L (AJ6) 4/1991 on		-	Q20PR-U	0.9
XJ-S 5.3L		W16EP-U	W16EPR-U	0.8
XJ-S C 5.3L		-	W22ESR-U	0.8
XJ-S 1978 on		W16EP-U	W16EPR-U	0.8
XJ-S to 1977		W16EP-U	W16EPR-U	0.8
XJ-12 6.0L V12 1993 ->		-	T22EP-U	0.9
XJ 3.4L		W16EP-U	W16EPR-U	0.8
XJ-4.2C		W16EP-U	W16EPR-U	0.8
XJ-5.3, EFI C 5.3L V12		W16EP-U	W16EPR-U	0.8
XJ-6 2.8L		W22EP-U	W22EPR-U	0.8
XJ-6 2.9L		W24ES-U	W24ESR-U	0.8
XJ-6 3.2L (AJ6) 2/1994 on		-	Q20PR-U	0.9
XJ-6 3.4L		W16EP-U	W16EPR-U	0.8
XJ-6 3.6L		-	Q20PR-U	0.8
XJ-6 4.0L		-	Q20PR-U	0.8
XJ-6 L, C, PI 4.2L		W16EP-U	W16EPR-U	0.8
XJ-8 3.2L 9/1997 on		-	K16PR-ZU13	1.3
XJ8R 4.0L Supercharged 9/1997 on		-	PK20PR-L13	1.3
XJ-12, L, C, 5.3L		W16EP-U	W16EPR-U	0.8
XJ-12 6.0L V12 1993 on		T22EP-U	-	0.9
XJ-12 HE 1986 on		T22EP-U	-	0.9
XJ-12 HE 1982-85		T20EP-U	T20EPR-U	0.9
XJR 3.9L Supercharged 1996 on		-	K22PR-U	0.9
XK8 4.0L V8(AJ26) Convertible 9/1997 on		-	K16PR-ZU13	1.3
XKR 4.0L V8 (AJ26) Coupe 9/1997 on		-	K16PR-ZU13	1.3
240 Series		W20ES-U	W20ESR-U	0.8
340/420 Series		W16EP-U	W16EPR-U	0.8
JENSEN				
Healey , Healey Roadstar 2.0L		W20EP-U	W20EPR-U	0.8
Interceptor Mkl		W20ES-U	W20ESR-U	0.8
Interceptor MkII		W16PR-U	W16PR-U	0.9
Interceptor MkIII		-	W16PR-U	0.9
KIA				
Credos 2.0L DOHC 6/1998 on		-	K20PR-U11	1.1
Mentor 1.5L SOHC 1/1997 on		-	W20EPR-U11	1.1
Mentor 1.5L DOHC 6/1998 on		-	K20PR-U11	1.1
Mentor 1.8L DOHC 6/1998 on		-	K20PR-U	0.8
Sportage 2.0L DOHC 1/1997 on		-	K20PR-U11	1.1
LADA				
Cevaro Hatch		-	W16EPR-U	0.8
Niva 1.6L (4x4)		-	W20EPR-U	0.8
Niva 1.7L 1995 on		-	W20EPR-U	0.8
Sable 1.5L 1994 on		-	W20EPR-U	0.8

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Samara 1.3L 1988 on		-	W20EPR-U	0.8
Volante 1.5L 1994 on		-	W20EPR-U	0.8
LAMBORGHINI				
Countach LP400/S		W24ES-ZU	W24ESR-ZU	0.6
Countach S Quattrovalvole		X27ES-ZU	-	0.6
Espada, Islero		W22EP-U	W22EPR-U	0.8
Jalpa 3500		W24ES-ZU	W24ESR-ZU	0.6
Jarama		W22EP-U	W22EPR-U	0.8
LM002		X27ES-ZU	-	0.6
Miura, Silhouette, Urraco P300		W24ES-ZU	W24ESR-ZU	0.6
Urraco P200/250		W22EP-U	W22EPR-U	0.8
Diablo SV 5.7L 4/1998 on		-	XU27EPR-ZU	0.7
Diablo VT 5.7L 9/94 on		-	XU27EPR-ZU	0.7
LANCIA				
Appia Series II, III		W16ES-U	W16ESR-U	0.8
Beta		W22EP-U	W22EPR-U	0.8
Flaminia 2500, 2800 1979-82		W22ES-U	W22ESR-U	0.8
Flavia Fuel Injected 1.8L		W24EP-U	W24EPR-U	0.8
Flavia 1.5L 1.8L Carb.		W20ES-U	W20ESR-U	0.8
Fulvia		W22EP-U	W22EPR-U	0.8
LEXUS (SEE TOYOTA)				
LEYLAND				
Austin A30, A35, A40, A50, A60		W20ES-U	W20ESR-U	0.8
Austin A99, A110		W16EP-U	W16EPR-U	0.8
Austin 1800, Freeway 6 Cyl. 1962-65		W20EP-U	W20EPR-U	0.8
Austin Healey 3000, 3000 MkII 1965-68		W16EP-U	W16EPR-U	0.8
Austin Healey Sprite 948, 1098		W16EP-U	W16EPR-U	0.8
Austin Healey Sprite 1275		W20EP-U	W20EPR-U	0.8
Austin Kimberley Tasman 1970-73		W20EP-U	W20EPR-U	0.8
Leyland Californian, Marina 4 & 6 Cyl.		W20EP-U	W20EPR-U	0.8
Leyland Mini, Clubman, Cooper, Moke		W20EP-U	W20EPR-U	0.8
Leyland P76 6 Cyl.		W20EP-U	W20EPR-U	0.8
Leyland P76 8 Cyl.		W20FP-U	W20FPR-U	0.7
Morris Mini 850, 970, 1071, 1275 1960 on		W20EP-U	W20EPR-U	0.8
Morris Mini, Clubman, Cooper, Cooper S, Moke		W20EP-U	W20EPR-U	0.8
Morris Minor All Models		W20ES-U	W20ESR-U	0.8
Morris 1100, 1100S, 1300, 1500		W20EP-U	W20EPR-U	0.8
Wolseley Hornett, 15/50, 15/60, 16/60		W20ES-U	W20ESR-U	0.8
Wolseley 6/80		W16FS-U	W16FSR	0.7
Wolseley 6/90, 6/99, 6/110, 1100, 1500		W16EP-U	W16EPR-U	0.8
LOTUS				
Eclat with Dellorto Carbs. to 6/1976		W22EP-U	W22EPR-U	0.8
Eclat with Dellorto Carbs. 6/1976 on		W20EP-U	W20EPR-U	0.8
Eclat with Zenith Carbs.		W20EP-U	W20EPR-U	0.8
Eclat 2.2L		-	W20EPR-U	0.8
Elan Sprint, S2, S3, S4, 1500, 1600		W22EP-U	W22EPR-U	0.6
Elise 1.8L DOHC 2/1997 on		-	PK20PR-L11	1.1
Elite GR, Super 95		W24ES-U	W24ESR-U	0.6
Elite with Dellorto Carbs. to 6/1976		W22EP-U	W22EPR-U	0.6
Elite with Dellorto Carbs. 6/1976 on		W20EP-U	W20EPR-U	0.6
Elite with Zenith Carbs.		W20EP-U	W20EPR-U	0.6
Elite 2.2L		-	W20EPR-U	0.8
Esprit 3.5L V8 2/1997 on		-	K20TR11	0.9
Esprit 701		W20EP-U	W20EPR-U	0.6
Esprit HC		-	W22EPR-U	0.8
Esprit Turbo SE		-	W20ETR-L	1.0
Esprit Turbo, 2.2L		-	W20EPR-U	0.8
Europa Special, Twin-Cam, S1, S2		W22EP-U	W22EPR-U	0.6
Excel 2.2L		-	W20EPR-U	0.9
Excel 2.2L SA/SE		-	W22EPR-U	0.9
Plus Two S130, S130/S		W22EP-U	W22EPR-U	0.6
Seven 1558cc (Lotus)		W22EP-U	W22EPR-U	0.6
Seven 1300cc/1600cc (Ford)		W20EP-U	W20EPR-U	0.6
MASERATI				
Biturbo Coupe		W24EP-U	W24EPR-U	0.8
Bora, Ghibli, Indy, Khamsin		W20EP-U	W20EPR-U	0.8
GHIBLY 2.8L V6 DOHC 10/93		-	XU27EPR-U	0.8
Karif		W24EP-U	W24EPR-U	0.8
Kyalami, Merak 3, Mexico, Quattroporte 11		W20EP-U	W20EPR-U	0.8
Quattroporte 2.8L DOHC 10/95 on		-	XU27EPR-ZU	0.6

Passenger Cars

Quattroporte 3.2L V8 DOHC 10/96 on	-	X24ES-ZU	0.8
MAZDA			
121 1.8L, 2.0L, 1976-80	W20EX-U	W20EXR-U	0.8
121 1.3L 1987-91	-	W16EXR-U11	1.1
121 1.3L 16 Valve 1991	-	K16PR-U11	1.1
121 1.5L EFI 1994 ->	-	K20PR-U11	1.1
121 Metro 1.3L (B3) 11/1996 on	-	K16PR-U11	1.1
121 Metro 1.5L (B5) 11/1996 on	-	K16PR-U11	1.1
323 1.3L, 1.4L, 1.5L 1977-85	W16EX-U	W16EXR-U	0.8
323 1.6L Carb. and EGI 1985-89	-	W16EXR-U11	1.1
323 1.6L DOHC, Turbo 1987-10/89	-	Q20PR-U11	1.1
323 1.6L DOHC 1994 -> Normal	-	K16PR-U11	1.1
323 1.6L DOHC 1994 -> Cold	-	K20PR-U11	1.1
323 1.6L Carb. and EGI 10/1989 on	-	K16PR-U11	1.1
323 1.8L DOHC EGI 10/1989 on	-	K20PR-U11	1.1
323 1.8L DOHC Turbo 10/1989 on	-	K16PR-U11	1.1
323 1.8L DOHC 1994 ->	-	K20PR-U11	1.1
323 Astina 1.8L EGI SOHC 1989-6/94	-	K16PR-U11	1.1
323 Astina 1.8L EGI DOHC 1989-6/94	-	K20PR-U11	1.1
323 Astina 1.8L EGI DOHC Turbo 1989 on	-	K16PR-U11	1.1
323 Astina 1.8L DOHC 1994 ->	-	K20PR-U11	1.1
323 Astina 2.0L (V6) DOHC Hardtop 7/94 ->	-	K20PR-U11	1.1
323 Protege 1.6L DOHC 8/1994 ->	-	K16PR-U11	1.1
323 SOHC EGI 10/1989 ->	-	K20PRU-11	1.1
323 Protege 1.8L DOHC 8/1994 ->	-	K20PRU-11	1.1
626 2.0L 1978-83	W16EX-U	W16EXR-U	0.8
626 2.0L 1983-87	-	W16EXR-U	0.8
626 2.0L Carb. Unleaded 1986-87	-	W16EXR-U11	1.1
626 2.0L Turbo Unleaded 1986-87	-	W20EXR-U11	1.1
626 EGI 1987-89	-	QJ20CR-11	1.1
626 EGI Turbo 1987-89	-	QJ20CR-11	1.1
626 2.0L 1/1992 to 9/97	-	K16PR-U11	1.1
626 2.0L (FS-DE) DOHC 9/1997 on	-	KJ16CR-L11	1.1
626 2.2L, Turbo, MX6 1987-89	-	QJ20CR-11	1.1
626 2.2L, Turbo, MX6 12/1989 on	-	KJ20CR-11	1.1
626 2.2L 4WD Turbo 4/1989 on	-	KJ20CR-11	1.1
626 2.5L V6 1/1992 on	-	KJ20CR-11	1.1
808	W20EX-U	W20EXR-U	0.8
929 1.8L, 2.0L 1973-84	W20EX-U	W20EXR-U	0.8
929 2.0L 1984-86	-	W16EXR-U	0.8
929 2.0L EGI, Carb. 1986	-	W16EXR-U11	1.1
929 3.0L V6 1987-89	-	QJ20CR-11	1.1
929 3.0L EGI 12/1989-91	-	KJ20CR-11	1.1
929 3.0L EGI DOHC 12/1989-91	-	KJ16CR-11	1.1
929 3.0L 1991 on	-	K16TR-TP11	1.1
929 (HE) 3.0L V6 7/1996 on	-	KJ16CR-L11	1.1
Capella 1.6L	W20EX-U	W20EXR-U	0.8
MPV 1994 ->	-	K20PR-U11	1.1
MX5 1.6L 1989 on	-	K20PR-U11	1.1
MX5 1.8L DOHC 1994 to 12/97	-	K20PR-U11	1.1
MX5 (NB8C) 1.8L DOHC 1/1998 on	-	K16PR-U11	1.1
MX6 2.5L V6 1/1992	-	KJ16CR-11	1.1
Rotary Engines			
R100, RX-2, RX-3, RX-4, RX-5	W22EA	W22EAR	0.95
RX-7 1979-85	-	W25EBR	1.05
T-Hole	-	S31A	-
L-Hole	-	S29A	-
MERCEDES-BENZ			
1968-1976 Models			
200	-	W20EPR-U	0.8
220	-	W20EPR-U	0.8
230	-	W20EPR-U	0.8
230/4	-	W20EPR-U	0.8
230/6	-	W22EPR-U	0.8
250, 250C, 250CE M114 Eng.	-	W22EPR-U	0.8
250, 250C M130 Eng.	-	W20EPR-U	0.8
280, 280C	-	W20EPR-U	0.8
280E, 280CE	-	W20EPR-U	0.8
280S, SE, SEL, SL, SLC M110 Eng.	-	W20EPR-U	0.8
280S, SE, SEL, SL M130 Eng.	-	W22EPR-U	0.8
280SE, SEL 3.5	-	W22EPR-U	0.8
300SEL, SEL/3.5	-	W22EPR-U	0.8
350SE, SEL	-	W20EPR-U	0.8
350SL, SLC	-	W22EPR-U	0.8
450SE, SEL, SL, SLC	-	W20EPR-U	0.8

Passenger Cars

1977-1983 Models				
230 M115 Eng.		-	W16EPR-U	0.8
230E M102 Eng.		-	T16EPR-U	0.8
250		-	W16EPR-U	0.8
280E, CE, SE 1977		-	W16EPR-U	0.8
280E, CE, TE, SE, SEL 1978-83		-	W16EPR-U	0.8
450SE, SEL, SL, SLC 1977		-	W16EPR-U	0.8
450SE, SEL, SL, SLC 1978-83		-	W16EPR-U	0.8
450SEL 1978 ->		-	W16EPR-U	0.8
1984 -> Models				
180E 1.8 (W201), M102 Eng. 1991 ->		T20EP-U	-	0.8
190E 1.8 (W201), M102 Eng. 1990-92		T20EP-U	-	0.8
190E 2.0 (W201), M102 Eng. 1985 ->		T20EP-U	-	0.8
190E 2.3 (W201), M103 Eng. 1990-92		T20EP-U	-	0.8
190E 2.6 (W201), M103 Eng. 1987-91		T20EP-U	-	0.8
220E 2.2L (E220), M111 Eng. 1993 ->		K16P-U	-	0.8
230E, GE, TE (W123, 124) M102 to 1991		T20EP-U	-	0.8
260E (W124), M103 Eng. to 1991		T16EP-U	-	0.8
280E, SE, SEL (W123, 126) M110 to 1986		-	W16EPR-U	0.8
300E, CE, TE (W124), M103 Eng. 1989-93		T16EP-U	-	0.8
300E, TE (E280, T) M104 Eng. 1993 ->		K16P-U	-	0.8
300SE, SEL (W126) M103 Eng. 1986-92		T16EP-U	-	0.8
320E, CE (E320, C) M104 Eng. 1993 ->		K16P-U	-	0.8
380SE, SEC, SEL, SL (W126, C126) M116 Eng. to 1986		-	W16EPR-U	0.8
400SE, SEL(W140) M119 Eng. 1992 ->		K16P-U	-	0.8
420SE, SEL (W126) M116 Eng. 1986-92		-	W16EPR-U	0.8
500S 140 6/1993 on		-	Q20P-U	0.8
500SEC, SEL (S500C, W140) M119 Eng. 1992 ->		K16P-U	-	0.8
500SL (R129), M119 Eng. 1990 ->		K16P-U	-	0.8
560SEC (C126), M117 Eng. 1986-92		-	W16EPR-U	0.8
560SEL (W126), M117 Eng. 1986-92		-	W16EPR-U	0.8
560SL (R107), M117 Eng. 1986-89		-	W16EPR-U	0.8
600SL, SL600 M120 Eng. 1993 ->		K16P-U	-	0.8
600SEL (W140), M120 Eng. 1993 ->		K16P-U	-	0.8
600 Saloon, Pullman (M100-980)		-	W20EPR-U	0.8
C180 1.8L DOHC 4/97 on		-	Q20P-U	0.8
C200 2.0L DOHC 01/96 on		-	Q20P-U	0.8
C200T 2.0L DOHC 10/96 on		-	Q20P-U	0.8
C240 2.4L V6 9/97 on		-	PK16PR11	1.1
C280 V6 2.8L 1995 on		Q20P-U	-	0.8
CLK (C208) 200 2.0L DOHC 10/97 on		-	K20PR-U	1.0
CLK(208) 230 2.3L DOHC 10/97 on		-	K20PR-U	1.0
CLK(208) 320 3.2L V6 10/97 on		-	PK16PR11	1.1
CL500 (C140) 5.0L V8 DOHC 9/93		-	K20PR-U	0.8
CL600 (C140) 6.0L V12 DOHC 6/96 on		-	K20PR-U	0.8
E320 3.2L 1996 on		-	Q20P-U	0.8
S420 4.2L V8 9/93 on		-	Q20P-U	0.8
SLK 200 (R170) 2.0L DOHC 9/97 on		-	Q20P-U	0.8
SLK230 2.3L Kompressor convertible 1/97 on		-	Q20PR-U	0.8
SL280 (R129) 2.8L 11/95 on		-	Q20P-U	0.8
SL500 (W140) 5.0L 9/93 on		-	Q20P-U	0.8
SL600 (W140) 6.0L 9/93 on		-	Q20P-U	0.8
M.G.				
MGA 1400, 1500, 1600		W20ES-U	W20ESR-U	0.8
MGA 1600, Twin Cam		W22ES-U	W22ESR-U	0.8
MGB GT (V8)		W16FP-U	W16FPR-U	0.8
MGB 1800, MGC		W20EP-U	W20EPR-U	0.8
Midget 948, 1098, 1500		W16EP-U	W16EPR-U	0.8
Midget 1275		W20EP-U	W20EPR-U	0.8
Midnette MKIII, MKIV, 1100, 1500		W20ES-U	W20ESR-U	0.8
MITSUBISHI				
Challenger (PA) 3.0L V6 SOHC 02/98 on		-	PK16PR-P11	1.1
Colt 1000, 1100, 1100S, 1200		W16EP-U	W16EPR-U	0.8
Colt 1.4 & 1.6L to 1984		W16EP-U	W16EPR-U	0.8
Colt 1.4 & 1.6L 1985 ->		W20EP-U	W20EPR-U	0.8
Cordia 1.6 & 1.8L (exc. Turbo) 1983 ->		W16EP-U	W16EPR-U	0.8
Cordia Turbo		W22ES-U	W22ESR-U	0.8
Galant GA, GB, GC to 1976		W20EP-U	W20EPR-U	0.8
Galant GD 1976-77		W16EP-U	W16EPR-U	0.8
Galant HG SOHC & DOHC 1989-90		W20EP-U11	W20EPR-U11	1.1
Galant HH VR4 1990 ->		W20EP-U11	W20EPR-U11	1.1
Galant HJ 2.0L 4 Cyl. 1993 ->		K16P-U11	K16PR-U11	1.1
Galant HJ 2.0L 6 Cyl. 1993 ->		-	PK20PR-P11	1.1
Lancer 1.4L 1974-75		W20EP-U	-	0.8
Lancer 1.4L 1977-79		W16EP-U	-	0.8

Passenger Cars

Lancer 1.6L 1978-79		W20EP-U	-	0.8
Lancer CA 1.5L MPI 1988-90		W20EP-U11	W20EPR-U11	1.1
Lancer CA 1.5L Carb. 1988-90		W20EP-U	W20EPR-U	0.8
Lancer CB 1.5L MPI 1990-92		W20EP-U11	W20EPR-U11	1.1
Lancer CB 1.5L Carb. 1990-92		W20EP-U	W20EPR-U	0.8
Lancer CB 1.6L MPI 1990 ->		W20EP-U11	-	1.1
Lancer CC 1.5L 1992 ->		W16EP-U	W16EPR-U	0.8
Lancer CC 1.6L MPI SOHC		K16P-U11	-	1.1
Lancer CC 1.8L 1992 ->		K16P-U11	K16PR-U11	1.1
Lancer CC 1.8L Turbo 1992 ->		K20P-U	K20PR-U	0.8
Lancer CE 1.5L MPI 9/1996 on		W16EP-U	-	0.8
Lancer CE 1.8L MPI 9/1996 on		-	K16PR-U11	1.1
Magna (Leaded) to 1986		W16EP-U	W16EPR-U	0.8
Magna (Unleaded) 1986-90		W20EP-U	W20EPR-U	0.8
Magna TR 2.6L 1991-94		W20EP-U	W20EPR-U	0.8
Magna TR 3.0L V6 1991-94		W20EP-U11	W20EPR-U11	1.1
Magna TS 2.6L 1994-3/96		W20EP-U	W20EPR-U	0.8
Magna TS 3.0L 1994-3/96		W20EP-U11	W20EPR-U11	1.1
Magna TE 2.4L auto/manual 4/1996 on		K16P-U11	-	1.1
Magna TE, TF 3.0L V6 auto/manual (Radiator side) 4/1996 on		-	K20PR-U11	1.1
Magna TE, TF 3.0L V6 auto/manual (Firewall side)		-	PK20PR-11	1.1
Magna TH, 3.0L V6 SOHC 03/99 on(Radiator side)		-	K20PR-U11	1.1
Magna TH, 3.0L V6 SOHC 03/99 on(Firewall side)		-	PK20PR-11	1.1
Magna TH, 3.5L V6 SOHC 03/99 on(Radiator side)		-	K16PR-U11	1.1
Magna TH, 3.5L V6 SOHC 03/99 on(Firewall side)		-	PK16PR-P11	1.1
Mirage CE 1.5L MPI 1996 on		W16EP-U	-	1.1
Verada KE, KF 3.5L (Radiator side)		-	K16PR-U11	1.1
Verada KE, KF 3.5L (Firewall side)		-	PK16PR-P11	1.1
Verada KH,3.5L 03/99 on (Radiator side)		-	K16PR-U11	1.1
Verada KH,3.5L 03/99 on (Firewall side)		-	PK16PR-P11	1.1
Verada KR 3.0L 1991-94		W20EP-U11	W20EPR-U11	1.1
Verada KS 3.0L 1994-3/96		W20EP-U11	W20EPR-U11	1.1
Nimbus UA, UB, UC 1986 ->		W20EP-U	W20EPR-U	0.8
Nimbus 2.0L 1991 ->		W20EP-U11	W20EPR-U11	1.1
Nimbus 2.4L 1992 ->		K16P-U11	K16PR-U11	1.1
Pajero 2.6L Astron 1983-86		W16EP-U	W16EPR-U	0.8
Pajero 2.6L Astron 1986-88		W20EP-U	W20EPR-U	0.8
Pajero 2.6L 1988-91		W16EP-U	W16EPR-U	0.8
Pajero 3.0L 1988-91		W16EP-U11	W16EPR-U11	1.1
Pajero NH 2.6L 1991-93		W16EP-U	W16EPR-U	0.8
Pajero NH 3.0L 1991-93		W16EP-U11	W16EPR-U11	1.1
Pajero NJ 3.0L 1993 ->		W16EP-U11	W16EPR-U11	1.1
Pajero NJ 3.5L 1993 ->		-	PK16PR-P11	1.1
Pajero NL 3.5L V6 SOHC 9/97 on		-	PK16PR-P11	1.1
Scorpion 2.0L		W20EP-U	W20EPR-U	0.8
Scorpion 2.6L		W16EP-U	W16EPR-U	0.8
Sigma 1.6 & 1.8L		W16EP-U	W16EPR-U	0.8
Sigma 2.0L		W20EP-U	W20EPR-U	0.8
Sigma 2.6L		W16EP-U	W16EPR-U	0.8
Sigma Turbo		W22EP-U	W22EPR-U	0.8
Starion Turbo		W22ES-U	W22ESR-U	0.8
3000GT 3.0L V6		-	PK20PR-P11	1.1
MORGAN				
Plus-Four-Plus to 1976		W20FP-U	W20FPR-U	0.7
Plus 8, 1/2" Reach to 1976		W20FP-U	W20FPR-U	0.7
Plus 8, 3/4" Reach 1977 on		W20EP-U	W20EPR-U	0.8
4/4		W20EP-U	W20EPR-U	0.8
MORRIS				
(See LEYLAND)				
NISSAN				
120Y		W16EP-U	W16EPR-U	0.8
180B, 200B		W20EP-U	W20EPR-U	0.8
200SX SR20DET 10/94 on		-	PK20PR8	0.9
240C, 240K, 260C, 260Z		W20EP-U	W20EPR-U	0.8
280C L28 1978-1981		W20EP-U	W20EPR-U	0.8
280C L28E 1982-83		W20EP-U11	W20EPR-U11	1.1
280ZX L28E 1979-84		W20EP-U11	W20EPR-U11	1.1
300C, 300ZX VG30E 1984-85		Q20P-U11	Q20PR-U11	1.1
300C, 300ZX VG30E 1986-89		-	Q20PR-U11	1.1
300ZX-T VG30ET 1989		Q20P-U11	Q20PR-U11	1.1
300Z VG30DET 1990 on		-	PK20R-11	1.1
Bluebird LX, SSS, Ti (KA24DE) 1993 ->		-	K20PR-U11	1.1
Bluebird Series I, II, L20		W20EP-U11	W20EPR-U11	1.1
Bluebird Series III CA20S		Q20P-U11	Q20PR-U11	1.1

Passenger Cars

EXA CA16ET, CA128ET, Twin Cam 1987 on		-	PQ20R	1.1
Gazelle CA20E		Q20P-U11	Q20PR-U11	1.1
Infiniti Q45 4.5L 8/1993 ->		-	PK20R-11	1.1
Maxima VG30E 1990-2/95		-	K20PR-U11	1.1
Maxima VQ30DE, 30G, GV, J 2/1995 ->		-	PK16PR-11	1.1
Micra CG13DE 7/1995 ->		-	K16PR-U11	1.1
NX Coupe		-	PK20R-11	1.1
Pintara (RWD) CA20E 1986-89		Q20P-U11	-	1.1
Pintara 2.0L CA20E	Inlet 1989-91	Q20P-U11	Q20PR-U11	1.1
	Exhaust 1989-91	-	Q16PR-U11	1.1
Pintara 2.4L KA24E	Inlet 1989-91	-	K16GPR-U11	1.1
	Exhaust 1989-91	-	Q16PR-U11	1.1
Pulsar A14, E13, E15 (except Turbo) 1980-86		W16EP-U	W16EPR-U	0.8
Pulsar ET Turbo E15ET 1983-85		W20EP-U	W20EPR-U	0.8
Pulsar ET Turbo E15ET 1986-87		-	W20EPR-U11	1.1
Pulsar EXA Turbo E15ET 1983-85		W20EP-U	W20EPR-U	0.8
Pulsar EXA Turbo E15ET 1986-87		-	W20EPR-U11	1.1
Pulsar E16 1986-87		-	W16EPR-U11	1.1
Pulsar 1.6L, N15 GA16DE 10/1995 ->		-	K20PRU-11	1.1
Pulsar 1.6L, 1.8L, GM Engine 1987 on		-	W20EPR-U11	1.1
Pulsar 1.6L, DOHC 11/1991-95		-	K16PR-U11	1.1
Pulsar 2.0L DOHC 11/1991-95		-	PK16R11	1.1
Pulsar 2.0L, N15 SR20DE 10/1995 ->		-	PK20R-11	1.1
Praire 1.5L (E15)		W16EP-U	W16EPR-U	0.8
Serena 2.0L (SR20DE) 1992 ->		-	K16PR-U	0.9
Skyline GTR		-	PQ20PR-L11	1.1
Skyline L24 1978-80		W20EP-U	W20EPR-U	0.8
Skyline L24E 1981-85		W20EP-U11	W20EPR-U11	1.1
Skyline RB30E 1986 on		Q20P-U11	Q20PR-U11	1.1
Stanza		W16EP-U	W16EPR-U	0.8
Sunny		W16EP-U	W16EPR-U	0.8
Terrano RX/TI (2.4L) 3/1997 on		-	W16EPR-U	0.9
Vector 1.8L, GM Engine 1987 on		-	W20EPR-U11	1.1
NSY (AUDI-NSU)				
Type 110C, 110SC, Sport Prize		W20EP-U	W20EPR-U	0.8
1000, 1200		W20EP-U	W20EPR-U	0.8
1000TTS, 1200TTS		W22ES-U	W22ESR-U	0.8
OLDSMOBILE				
6 Cylinder Engines				
225 cu.in. 1964-65		W16P-U	W16PR-U	0.9
250 cu.in. 1966-69		W16ES-U	W16ESR-U	0.8
250 cu.in. 1970-74		-	T16R-U	0.9
V-8 Engines				
260 cu.in. 1971-80		-	T16PR-U15	1.5
301 cu.in. 1977 on		-	T16PR-U15	1.5
308 cu.in. 1977		-	T16PR-U11	1.1
308 cu.in. 1978-80		-	T16PR-U11	1.1
350 cu.in. 1964-68		W16P-U	W16PR-U	0.9
350 cu.in. 1969-74		W16P-U	W16PR-U	0.9
350 cu.in. 1976-77		-	T16PR-U15	1.5
350 cu.in. 1978 (L), 1979 (L)		-	T16PR-U	0.9
350 cu.in. 1978 (R), 1979 (R)		-	T16PR-U15	1.5
400 cu.in. 1965-68		W16P-U	W16PR-U	0.9
400 cu.in. 1969		W16P-U	W16PR-U	0.9
400 cu.in. 1975		-	T16PR-U15	1.5
403 cu.in. 1977-80		-	W16PR-U15	1.5
425 cu.in. 1965-67		W16P-U	W16PR-U	0.9
455 cu.in. 1968		W16P-U	W16PR-U	0.9
455 cu.in. 1969-74		W16P-U	W16PR-U	0.9
PEUGEOT				
104 Berline, Coupe		T20EP-U	T20EPR-U	0.9
204 Berline, Break to 1975		W20EP-U	W20EPR-U	0.8
204 Berline, Coupe 1976 on		T20EP-U	T20EPR-U	0.9
205 1.1L, 1.4L, 1.6L, 1.9L 1990		Q20P-U	Q20PR-U	0.8
205 E1, G1, G2, T2, Y1, Y2		Q20P-U	Q20PR-U	0.8
205 T, TSFTU3S, TU3S, 1505, TU3		Q20P-U	Q20PR-U	0.8
205 XU51C		T20EP-U	T20EPR-U	0.9
205 XU15C, XU51, 1505, XU5CP, XU51C-TR		Q20P-U	Q20PR-U	0.8
205 XU5J, XU5S, XU9S, ZD, ZE		T22EP-U	-	0.9
205 XU92C, XU5J1, XU5J (CH-S), ZU5JA		Q22P-U	Q22PR-U	0.8
205 XU9J1		Q20P-U	Q20PR-U	0.8
205 XU9JA		Q22P-U	Q22PR-U	0.8
205 XV, XW, XY except XY8		T20EP-U	T20EPR-U	0.9
205 GT XY8		T22EP-U	-	0.9

Passenger Cars

304S Berlina, Cabriolet, Coupe	W22EP-U	W22EPR-U	0.8
304S Cabriolet, Coupe	T20EP-U	T20EPR-U	0.9
305 Berlina, Break	T20EP-U	T20EPR-U	0.9
306 S16 2.0L XU10J4	-	K22PR-U	0.8
306 Cabridet 2.0L XU10, J2 1997 on	-	K20TXR	0.9
306 XSI 2.0L XU10, J2 1997 on	-	K20TXR	0.9
306 GTI 2.0L DOHC XU10, J4RS 1998 on	-	K20TXR	0.9
404 Berlina, Grand Tourisme	W20EP-U	W20EPR-U	0.8
404L Break Super Luxe, Familiare Grand Luxe	W20EP-U	W20EPR-U	0.8
405 (J2 Eng.) 1989 ->	K20P-U	-	0.8
405 (JAZ Eng.) 1989 ->	-	K20PR-U	0.8
405 MI16 (1988cc) 1993 ->	-	K22PR-U	0.8
406 2.0L XU10, J4R 10/1996 on	-	K20TXR	0.9
406 Coupe 3.0L V6 (ES9J4) 1998 on	-	K20TXR	0.9
504 Berlina, Break, Cabriolet, Commerciale	W20EP-U	W20EPR-U	0.8
504 Coupe Familiare, L, GL, GL6	W20EP-U	W20EPR-U	0.8
504L Berlina	W20EP-U	W20EPR-U	0.8
504 V6 Cabriolet, Coupe	T20EP-U	T20EPR-U	0.9
505 GR, SR, to 1981	T20EP-U	T20EPR-U	0.9
505 GR, SR, Turbo 1981 on	W20EP-U	W20EPR-U	0.8
505 GTI, STI	W20EP-U	W20EPR-U	0.8
604 SL V6 Tiv	T20EP-U	T20EPR-U	0.9
605 3.0L (ZPJ) 1991 ->	-	K20PBR	0.9
PROTON			
M21 Coupe 1.8L (4G93) 10/1997 on	-	K20PR-U11	1.1
Persona 1.5L (4G15) 12/1996	-	W16EPR-U11	1.1
Persona 1.6L (4G92) 12/1996	-	K20PR-U11	1.1
Persona 1.3L M/T (C96) 1/1999 on	W16EP-U11	-	1.1
Satria 1.5L (4G15) 2/1997 on	-	W16EPR-U11	1.1
Satria 1.6L (4G92) 2/1997 on	-	K20PR-U11	1.1
Wira 1.5L (4G15)	-	W16EPR-U11	1.1
Wira 1.6L (4G92)	-	K20PRU-11	1.1
PLYMOUTH			
225	-	T16PR-U	0.9
273 (2B)	-	W16EPR-U	0.8
273 (4B)	-	W20EPR-U	0.8
318, 340, 360, 426	-	W16EPR-U	0.8
440	-	W16PR-U	0.9
440 (EXC. H.P.)	-	T16PR-U11	1.1
PONTIAC			
215, 250 1967-69	-	W16EPR-U	0.8
250, 307, 350, 400, 455 1970-75	-	T16PR-U	0.9
301, 305, 400, 455 1977-80	-	T16PR-U15	1.5
PORSCHE			
356A, 356B/1600S, 356C/1600C, 1600SC	W22FP-U	W22FPR-U	0.7
906, 907, 908	X24ES-U	X24ESR-U	0.7
911 3.3L Turbo Coupe	W24ES-ZU	W24ESR-ZU	0.8
911 3.0L 911SC, Coupe, Targa to 8/1978	W22EP-U	W22EPR-U	0.7
911 3.0L 911SC, Coupe, Targa 9/1978 on	W24ES-ZU	W24ESR-ZU	0.8
911 Carrera	W24ES-ZU	W24ESR-ZU	0.8
911, 911S, 2.7L	W22EP-U	W22EPR-U	0.8
911 2.0L, 2.2L, 2.4L	W22ES-U	W22ESR-U	0.8
911E, 911L, 911S, 911SC, 911TE	W24ES-U	W24ESR-U	0.8
911 Turbo Coupe 3.6L	-	K20TXR	0.9
914 1.7L, 1.8L, 2.0L	W20ES-U	W20ESR-U	0.8
914/4 1.7L, F.I.	W22ES-U	W22ESR-U	0.8
924 2.0L	W22EP-U	W22EPR-U	0.8
924 Turbo	-	W24ESR-ZU	0.8
928 4.5L, 928S 4.7L	W20EP-U	W20EPR-U	0.6
930 Turbo 3.0L, Turbo 3.3L	W24ES-U	W24ESR-U	0.6
944	W20EP-U	W20EPR-U	0.8
944 Turbo	W20EP-U	W20EPR-U	0.8
968 3.0L 1992 ->	W22EPB	-	0.8
Boxter 2.5L (M9620) 1997 on	-	K20TXR	0.9
RENAULT			
Fuego GTS, TL	W20EP-U	W20EPR-U	0.8
Fuego GTX	T20EP-U	T20EPR-U	0.9
Laguna 2.0L RXE (F3R 722/723) 1995 ->	W20EP-U	-	0.9
Laguna 3.0L V6 (Z7X 760/765) 1995 ->	-	K20TXR	0.9
R4 Rodeo	W20FP-U	W20FPR-U	0.7
RS GTL, L, Le Gatt 1289cc, LS, Rodeo, TL, TS	W20FP-U	W20FPR-U	0.7

Passenger Cars

R6, LT, Rodeo		W20FP-U	W20FPR-U	0.7
R7 Gordini 1647cc		W20EP-U	W20EPR-U	0.8
R8 A, Major 1100, S		W20FP-U	W20FPR-U	0.7
R8 Gordini		W24ES-U	W24ESR-U	0.8
R10 1300, Major, Super		W20FP-U	W20FPR-U	0.7
R12 T, TL, TR, TS		W20FP-U	W20FPR-U	0.7
R12 Gordini		W24ES-U	W24ESR-U	0.8
R14 L, TL		T20EP-U	T20EPR-U	0.9
R15 TL, GTL 1289cc		W20FP-U	W20FPR-U	0.7
R15 TS 1516cc, 1647cc		W20EP-U	W20EPR-U	0.8
R16L, TI, Eng. Type 841/01, 821/02		W20EP-U	W20EPR-U	0.8
R16L, TI, Eng. Type 021/04		W20EP-U	W20EPR-U	0.8
R16 TL Eng. Type 843/02, TS		W20EP-U	W20EPR-U	0.8
R16 TX Eng. Type 843/01		W20EP-U	W20EPR-U	0.8
R17TS		W24ES-U	W24ESR-U	0.8
R17 Gordini Eng. Type 844/12		W24ES-U	W24ESR-U	0.8
R17 Gordini Eng. Type 843/13		W24ES-U	W24ESR-U	0.8
R18 GTL, L, TL		W20EP-U	W20EPR-U	0.8
R19 Hatch/Sedan 1.7L (F3N-742) 6/1992 ->		W22EP-U	-	0.6
R20, R20GTL, R20L, R20TL		W20EP-U	W20EPR-U	0.8
R20TS		T20EP-U	T20EPR-U	0.9
R21 TXE 1988-89		T22EP-U	-	0.9
R21 Marseille 1990 on		T22EP-U	-	0.9
R25 GTX, R30TS		T20EP-U	T20EPR-U	0.9
R25 Baccara, Monaco V6 1990-91		T22EP-U	-	0.8
Virage 1978-80		W20FP-U	W20FPR-U	0.7
ROLLS-ROYCE				
Camargue		W16EP-U	W16EPR-U	0.8
Corniche to 1974		W20EP-U	W20EPR-U	0.8
Corniche 1975 on		-	W20EPR-U	0.8
Corniche Convertible 11/1989		-	W14EXR-ZU	0.8
Corniche 1990		-	W14EXR-ZU	0.8
Phantom V, VI to 1974		W16EP-U	W16EPR-U	0.8
Phantom VI 1975 on		-	W16EPR-U	0.8
Silver Cloud II, III		W16EP-U	W16EPR-U	0.8
Silver Cloud 6.6:1, Wraith		W16ES-U	W16ESR-U	0.8
Silver Cloud 8:1, Wraith		W20ES-U	W20ESR-U	0.8
Silver Seraph 5.4L V12 06/98 on		-	K20TXR	0.8
Silver Shadow to 1974		W16EP-U	W16EPR-U	0.8
Silver Shadow 1975 on		-	W16EPR-U	0.8
Silver Spirit, Silver Spur to 1989		-	W14EPR-U	0.8
Silver Spirit, Silver Spur 1989 on		-	W14EXR-ZU	0.8
ROVER				
QUINTET 1600cc 1983 on		W16EX-U	W16EXR-U	0.8
3.0L		W20ES-U	W20ESR-U	0.8
416i		-	Q20R-U11	1.1
825Si, 827Si, Vitesse		-	Q20PR-U11	1.1
2000SC, 2200SC to 1974		W20EP-U	W20EPR-U	0.8
2000TC, 2200TC to 1974		W22EP-U	W22EPR-U	0.8
3500 1969-73		W16FP-U	W16FPR-U	0.7
3500 SDI 1979-83		W16EP-U	W16EPR-U	0.8
3500S 1973-77		W16FP-U	W16FPR-U	0.7
3500Se, EFI 1983 on		W16EP-U	W16EPR-U	0.8
MGF 1.8L Convertible 03/1997 on		-	PK20PR-L11	1.1
SAAB				
V-4 Models 1/2" Reach		W22FP-U	W22FPR-U	0.7
V-4 Models 3/4" Reach		W20EP-U	W20EPR-U	0.7
90/99/900 8 Valves 1979-85		W20EP-U	W20EPR-U	0.7
99/900 8 Valves Turbo 1979-85		W22EP-U	W22EPR-U	0.7
900/9000 16 Valves Naturally Aspirated 1986-88		Q20P-U	Q20PR-U	0.7
900/9000 16 Valves 2.0L Naturally Aspirated 1989-93		Q16P-U	Q16PR-U	0.7
900/9000 16 Valves Turbo Leaded Fuel 1985-86		Q22P-U	Q22PR-U	0.7
900/9000 16 Valves Turbo 1986-88		Q22P-U	Q22PR-U	0.7
900 16 Valves Turbo 1989-93		Q22P-U	Q22PR-U	0.7
9000 16 Valves 2.0L Turbo SAAB D.I. System 1989-93		-	Q22PR-U11	1.1
900 Turbo 2.0L B204L 1994 on		-	Q22PR-U11	1.1
9000 16 Valves 2.3L Naturally Aspirated 1990 - 93		-	Q20PR-U11	1.1
9000 16 Valves 2.3L Turbo 1991-93		-	Q22PR-U11	1.1
9000 2.3L B234i All Models 1994 ->		Q22P-U11	-	1.1
9000 3.0L B308 1995 on		-	K20TXR	0.8
900i 16 Valves 2.1L Naturally Aspirated 1991-93		K16P-U	-	0.7
900S 2.0L B206i 1994 on		-	Q16PR-ZU11	0.6
900S 2.5L V6 B258 1994 on		-	K20TXR	0.8
900S 2.3L B234i 1994 ->		-	K22PR-ZU	0.6

Passenger Cars

95 2.3L B235E 11/1997 on	-	Q20PR-U11	1.1
9-3 2.0L DOHC 06/1998 on	-	Q22PR-U11	1.1
SEAT			
Cordoba 1.8L (ABS)	-	W20EPBR-S	0.8
Ibiza 1.4L (ABD) 1995 on	W16EPB-10	-	0.8
Ibiza 2.0L (2E)	-	W20EPBR-S	0.8
Toledo 2.0L (2E)	-	W20EPBR-S	0.8
Toledo 2.0L (ABF) 16V 1996 on	-	K20TXR	0.8
SIMCA			
1500 GL, GLE, GLS, L, LS, Special	W20EP-U	W20EPR-U	0.8
SKODA			
100 , S1100L, S110 1970 on	W20FP-U	W20FPR-U	0.7
S105 1970 on	W20FS-U	W20FSR-U	0.7
S110 1970 on	W20FP-U	W20FPR-U	0.7
S100LS , S110R Coupe	W22FP-U	W22FPR-U	0.7
1000MB , 1000MBX/1100MB	W22FP-U	W22FPR-U	0.7
SUBARU			
Brumby 1.6L (EA71 Eng.) 1978-80	W20EP-U	W20EPR-U	0.8
Brumby 1.8L (EA81 Eng.) 1982-94	W20EP-U	W20EPR-U	0.8
Fiori (EN08 Eng.) 1989-92	K20P-U	K20PR-U	0.8
Forester 2.0L (EJ20) 7/1997 on	-	K20PR-U11	1.1
Impreza 1.6L (EJ16 Eng.) 1993 ->	K20P-U	K20PR-U	0.8
Impreza 2.0L (EJ20) 1997 on	-	K20PR-U11	1.1
Impreza 1.8L (EJ18 Eng.) 1993 ->	K20P-U11	K20PR-U11	1.1
Impreza WRX 2.0L Turbo 1994 to 8/1996	-	PK20PR-8	0.8
Impreza WRX 2.0L Turbo 9/1996 on	-	PK20PR8	0.8
Liberty			
Liberty 2.0L SOHC 11/98 on	-	K20PR-U11	1.1
Liberty 2.0L DOHC 11/98 on	-	PK20PR11	1.1
Liberty 2.2L (EJ22 Eng.) 1989 ->	K20P-U11	K20PR-U11	1.1
Liberty (B-2 Series) EJ22 2.2L 6/1994 on	-	K20PR-U11	1.1
Liberty Outback EJ25 2.5L 9/1996 on	-	PK20PR11	1.1
Liberty 2.5L (EJ25) 1997 on	-	PK20PR11	1.1
Liberty RS 2.0L Turbo (EJ20 Eng.) 1991-94	K20P-U	K20PR-U	0.8
Leone 1400, 1600, 1800	W20EP-U	-	0.8
Leone 1600 (EA71 Eng.)	W20EP-U	W20EPR-U	0.8
Leone 1800 (EA81 & 82 Eng.)	W20EP-U	W20EPR-U	0.8
Leone RX 1.8L Turbo 1987-88	W22EP-U	W22EPR-U	0.8
Sherpa 665cc 1982 ->	W20EP-U	W20EPR-U	0.8
SVX 3.3L 6 Cyl. 1992 ->	K20P-U	K20PR-U	0.8
XT Vortex & Turbo 1.8L 1985-89	W20EP-U11	W20EPR-U11	1.1
1100 , 1300	W20EP-U	W20EPR-U	0.8
1400 to 1977	W22ES-U	W22ESR-U	0.8
1400 (EA63) 1978-80	W20EP-U	W20EPR-U	0.8
1800 4WD	W20EP-U	W20EPR-U	0.8
SUNBEAM			
Alpine 1500, 1600, 2400	W20EP-U	W20EPR-U	0.8
Alpine 1925	W16EP-U	W16EPR-U	0.8
Californian	W16EP-U	W16EPR-U	0.8
Rapier Series I	W14E	-	0.8
Rapier Series II, III, IIIA, IV	W20EP-U	W20EPR-U	0.8
Rapier Series V 1600cc	W20EP-U	W20EPR-U	0.8
Rapier Series V 1725cc	W16EP-U	W16EPR-U	0.8
Sunbeam 1250, 1250TC, 1500	W20EP-U	W20EPR-U	0.8
Tiger V8	MA16P-U	MA16PR-U	0.9
SUZUKI			
Alto (SS40) to 1988	W16EP-U	W16EXR-U	0.8
Alto 1.0L 03/1996 on	W16EX-U	W16EXR-U	0.8
Cino 1300 (G13B) 1994 ->	-	W20EPR-U	0.8
Baleno 1.6L (G16B) 4/1995 ->	-	K20PR-U	0.8
Baleno 1.8L (J18B) 1996 on	-	K20PR-U11	1.1
Fronte SS 40V-Hatch	W16EP-U	-	0.8
Fronte 71 Series	W22FSU/TR22	-	0.7
Grand Vitara 2.0L DOHC 04/1998 on	-	K20PR-U	1.1
Grand Vitara 2.5L V6 DOHC 04/1998 on	-	K20PR-U	1.1
Hatch SS40 & SS80	W16EX-U	W16EXR-U	0.8
Jimmy 1.3L SOHC 03/1998 on	-	K20PR-U	0.8
LJ50	W22FS-U	W22FSR-U	0.8
LJ80	W16EX-U	W16EXR-U	0.8
Maruti 1.0L	W16EX-U	W16EXR-U	0.8

Passenger Cars

Mighty Boy		W16EX-U	W16EXR-U	0.8
Sierra 1.0L & 1.3L		W16EX-U	W16EXR-U	0.8
Swift 1.0L SA310		W16EX-U	W16EXR-U	0.8
Swift 1.0L SF310		W20EP-U	W20EPR-U	0.8
Swift 1.3L SA413		W16EX-U	W16EXR-U	0.8
Swift 1.3L SF413		W20EP-U	W20EPR-U	0.8
Swift 1.3L GTI		W20EP-U	W20EPR-U	0.8
Swift 1.6L SF416		-	K20PR-U	0.8
Swift GTI SF 1300 (G13B) 1989 on		-	W20EPR-U	0.8
Vitara 1.6L 3DR (Carb.)		W20EP-U	W20EPR-U	0.8
Vitara 1.6L 3DR & 5DR EFI 8/1990 to 4/98		K20P-U	K20PR-U	0.8
Vitara 2.0L 5DR V6 3/95 3/1995 to 4/98		K20P-U	K20PR-U	0.8
Vitara (Grand) 2.0L (J20A) 4/1998 on		-	K20PR-U11	1.1
Vitara (Grand) 2.5L (H25A) 4/1998 on		-	K20PR-U11	1.1
Wagon R 1.0L (K10A) 10/1997 on		-	XU22EPR-U	0.9
X-90 1.6L (G16B) 1996 on		-	K20PR-U	0.8
TOYOTA				
Camry 1.8L 1S 1983-87		W16EX-U	W16EXR-U	0.8
Camry 1.8L Fuel Injected (1S-i) 1987-8/89		-	J16AR-U11	1.1
Camry 2.0L Twin Cam Fuel Injected (3S-FE) 1988-92		-	Q16R-U11	1.1
Camry 2.0L Twin Cam (3S-F) 1988-92		-	Q16R-U11	1.1
Camry 2.2L SDV10 3/1993 to 7/97		-	PK20R-11	1.1
Camry 2.2L (SXV20) (5S-FE) 7/97on		-	PK20TR11	1.1
Camry 3.0L VDV10 3/1993 to 7/97		-	PQ20R	1.1
Camry 3.0L (MCV20) (IMZ-FE) 7/97 on		-	PK20TR11	1.1
Camry 2.5L V6 Quad Cam Fuel Injected 1988-92		-	PQ20R	1.1
Celica 1.6L (2T) 1971-76		W16EX-U	-	0.8
Celica 2.0 L (18R-C, 21R-C, 2S-C) 1976-84		W16EX-U	W16EXR-U	0.8
Celica 2.0L (3S-FE) 1988-90		-	Q16R-U11	1.1
Celica 2.0L (3S-GE) 1986-90		-	PQ16R	1.1
Celica 2.0L (3S-GTE) Turbo 1990 on		-	PK20R-8	0.8
Celica 2.2L (5S-FE) 12/1989-2/94		-	K16R-U11	1.1
Celica 2.2L (5S-FE Eng.) 1994 ->		-	PK20R-11	1.1
Celica 2.4L (22R, 22R-E, 22REC) 1984-9/86		-	W16EXR-U	0.8
Corolla 1.2L (3K, 3K-C, 3K-H) 1967-78		W16EX-U	W16EXR-U	0.8
Corolla 1.3L (2A-C, 4K-C) 1978-88		W16EX-U	W16EXR-U	0.8
Corolla 1.4L (6A-FC) 6/1989-92		-	QJ16AR-U11	1.1
Corolla 1.6L (4A, 4AC, 4A-L) 1983-89		W16EX-U	W16EXR-U	0.8
Corolla 1.6L (4A-GE) 1986-88		-	PQ16R	1.1
Corolla 1.6 (4A-GE) 1989 on		-	PK20R-8	0.8
Corolla 1.6 (4WD) (4A-FE) 1988 on		-	Q16R-U	0.8
Corolla 1.6L (4A-FC) 6/1989-92		-	QJ16AR-U11	1.1
Corolla 1.6L (AE101) 1994 ->		-	K16R-U	0.8
Corolla 1.800L 10/1992-94		-	K16R-U	0.8
Corolla 1.8L (AE102) 1994 ->		-	K16R-U	0.8
Corona 1.6L (4R, 12R) 1971-74		W16EX-U	W16EXR-U	0.8
Corona 1.9L SL (18R) 1969-72		W20EP-U	W20EPR-U	0.8
Corona 1.9L XT130 G.M. Engine 1979-83		T16EX-U	-	0.8
Corona 2.0L (M) 1972-74		W16EX-U	W16EXR-U	0.8
Corona 2.0L (18R-C, 21RC, 2S-C) 1974-87		W16EX-U	W16EXR-U	0.8
Corona 2.4L (22R-E) 1984-87		-	W16EXR-U	0.8
Corona 2.6L (4M) 1974-77		W16EX-U	W16EXR-U	0.8
Cressida 2.6 (4M) 1977-80		W16EX-U	W16EXR-U	0.8
Cressida 2.8L (5M, 5ME) 1981-88		-	W16EXR-U	0.8
Cressida 3.0L (7MGE) 1988-93		-	PQ16R	1.1
Crown 2.0L (M/5R) 2300 (2M), 2600 (M)		W16EX-U	W16EXR-U	0.8
Crown 2.8L (5M, 5ME)		-	W14EXR-U	0.8
Crown 2.8L (5MGE)		-	W16EXR-U	0.8
Lexcen 3.8L 1989-2/93		-	T16EPR-U15	1.5
Lexcen (VR) 3.8L 1993 ->		-	T20EPR-U15	1.5
Lexus				
ES300 (3VZ-FE) 1992-8/1996		-	PQ20R	1.1
ES300 3.0L (1MZ-FE) 8/1996		-	PK20TR11	1.1
GS300 3.0L (2JZ-GE) 1998 on (Platinum)		-	PK20TR11	1.1
GS300 3.0L (2JZ-GE) 1998 on (non Platinum)		-	K20TR11	1.1
LS400 4.0L (1UZ-FE) 4/1990-10/1994		-	PK20R11	1.1
LS400 4.0L (1UZ-FE) 10/1994-8/1996		-	PK20R8	0.8
LS400 4.0L (1UZ-FE) 8/1996-7/1997		-	PK20R11	1.1
LS400 4.0L (1UZ-FE) 7/1997 on		-	SK20R11	1.1
LX470 4.7L V8 4/1998 on		-	SK20R11	1.1
IS200 2.0L () 3/1999 on		-	SK20R11	1.1
MR2 1.6L (4A-GELC) 1988 on		-	PQ16R	1.1
MR2 2.0L (3S-GE) 1989 to 96		-	PK20R-8	0.8
MR2 2.0L (3S-GE) 1997 on		-	K20R-U	0.8
Paseo 1500 5EFE 1991-10/95		-	K16R-U11	1.1
Paseo 10/95 ->		-	K16TR-11	1.1

Passenger Cars

Seca (See Corolla)				
Sprinter 1.6L (4AC) 1983-85		-	W16EXR-U	0.8
Sprinter 1.8L (Corolla) 1800 1994 ->		-	K20R-U	0.8
Starlet 01/1996 ->		-	K16R-U	0.8
Supra 2.8L (5ME) 1983-86		-	W20EXR-U	0.8
Supra 3.0L Turbo (7M-GTE) 1988 on		-	PQ20R-P8	0.8
Supra 3.0L (7MGE) 1986 on		-	PQ16R	1.1
Tercel (3AC) 1983-88		-	W16EXR-U	0.8
T18 1.8L (3T-C) 1980-83		-	W16EXR-U	0.8
TRIUMPH				
Dolomite Sprint		T20EP-U	T20EPR-U	0.9
Dolomite 1300, 1500, 1500HL, 1850, 1850HL		W20EP-U	W20EPR-U	0.8
Mayflower		W16EP-U	W16EPR-U	0.8
Renown		W16FP-U	W16FPR-U	0.7
Spitfire MKII		W20FP-U	W20FPR-U	0.7
Spitfire MKI, MKIII 1500, 1500C		W20EP-U	W20EPR-U	0.8
Stag 3.0L		W16EP-U	W16EPR-U	0.8
TR3A, TR4, TR4A, Herald 1200, 12/50		W20EP-U	W20EPR-U	0.8
TR5, TR5PI, TR6, TR6PI, Herald 13/60, 948 1300, 2000		W20EP-U	W20EPR-U	0.8
TR7		W16EP-U	W16EPR-U	0.8
2.5PI, 2500PI		W20EP-U	W20EPR-U	0.8
TVR				
Cerbera 4.2L V8 04/1998 on		-	K22PR-U	0.8
Chimaera 4.0L V8 06/1997 on		-	W22ESR-U	0.8
Chimaera 5.0L V8 06/1997 on		-	W22ESR-U	0.8
Griffith 5.0L V8 11/1994 on		-	W22ES-ZU	0.8
VAUXHALL				
Cresta 2262		W20S-U	W20SR-U	0.8
Cresta 3294		W20EP-U	W20EPR-U	0.8
Firenza 1256		W20EP-U	W20EPR-U	0.8
Firenza 1600, 2000		T20P-U	T20PR-U	0.9
Velox , Victa, Viscount 3294		W20EP-U	W20EPR-U	0.8
Victa 1600, 2000, Viva 1600, Viva GT		T20P-U	T20PR-U	0.9
VX 4/90 FB, FC		W20EP-U	W20EPR-U	0.8
VX 4/90 FD		T20-PU	T20PR-U	0.9
VOLKSWAGEN				
Beetle All Models		W16FS-U	W16FSR	0.7
Fastback All Models		W16FS-U	W16FSR	0.7
Golf 75 H.P., 85 H.P. 1976-80		W20EP-U	W20EPR-U	0.8
Golf 110 H.P. 1979-80		W22EP-U	W22EPR-U	0.8
Golf 2.0L (ADY) 7/1994 ->		-	W20EPBR-S	0.8
Golf, Golf Cabriolet 1990-91		W20EPB	-	0.8
Golf Cabriolet 2.0L (ADY) 1995 ->		-	W20EPBR-S	0.8
Golf CL 1.8L (ADZ) 1996 on		-	W20EPBR-S	0.8
Golf VR6 2.8L (AAA) 6/1994 on		-	K20TXR	0.7
Kombi 2.0L 3/4" Reach		W20EP-U	W20EPR-U	0.8
Kombi 1/2" Reach		W16FS-U	W16FSR	0.7
Passat 1.6L		W20EP-U	W20EPR-U	0.8
Passat (ADY) 7/1994 ->		-	W20EPBR-S	0.8
Passat 1.8L (AEB) Turbo 1998 on		-	K20PBR-S10	0.8
Passat 2.8L (AGE) 1998 on		-	K20PBR-S10	1.0
Passat VR6 2.8L (AAA) 7/94 on		-	K20TXR	0.7
Polo 1.6L (AEE) 1997 on		-	W20EPBR-S	0.8
Rabbit 75 H.P., 85 H.P. 1976-80		W20EP-U	W20EPR-U	0.8
Rabbit 110 H.P. 1979-80		W22EP-U	W22EPR-U	0.8
Vento 2.0L (ADY) 1/1994 ->		-	W20EPBR-S	0.8
VOLVO				
121 , 122, 122S (B18A, B18D, B20A)		W20FS-U	W20FSR-U	0.7
122S , 123, 123GT, (B18B, B20B)		W22FS-U	W22FSR	0.7
131 , 132S (B18A, B18D, B20A)		W20FS-U	W20FSR-U	0.7
142, 142E, 144 (B18A, B20F)		W20FS-U	W20FSR-U	0.7
142, 144, 145, (B18B, B20A, B20B, B20D, B20E)		W22FS-U	W22FSR	0.7
164 (B30A, B30E, B30F)		W22FS-U	W22FSR	0.7
210F , 210P (B10A)		W20FS-U	W20FSR-U	0.7
220 (B10D, B20A)		W20FS-U	W20FSR-U	0.7
221 (B18A)		W20FS-U	W20FSR-U	0.7
222 (B18D)		W20FS-U	W20FSR-U	0.7
222, 223 (B18B)		W22FS-U	W22FSR	0.7
240 , Turbo (B21ET) 1985 on		W22EP-U	W22EPR-U	0.8
240 U.L.P. (B230F, B230FT) 1985 on		-	W22EPR-U	0.8
240 (B19K, B23A, B23E, B200K, B230A) 1985 on		W20EP-U	W20EPR-U	0.8
240 (B230E) 1985 on		W22EP-U	W22EPR-U	0.8

Commercial Vehicles

Model	Denso		mm
	Standard	Resistor	
AEC			
All	M14	-	0.6
ALBION			
EN222A 18mm Heads	M14	-	0.6
EN248, EN256	M14	-	0.6
EN257A, EN257C	M22	-	0.7
EN271, EN272 14mm Heads	W20FS-U	W20FSR-U	0.6
EN271, EN272 18mm Heads	M14	-	0.6
EN275, EN277 14mm Heads	W20FS-U	W20FSR-U	0.6
EN275, EN277 18mm Heads	M14	-	0.6
F227	M14	-	0.6
FT-3, 6 Cyl. FT7, 4 Cyl. F227	M14	-	0.6
AUSTIN			
(See LEYLAND)			
BEDFORD			
All Models with 18mm Head	M14	-	0.6
CA	W22S-U	-	0.7
CF Bedford Eng.	T20P-U	T20PR-U	0.9
CF Holden Eng.	T16P-U	T16PR-U	0.9
HA	W20ES-U	W20ESR-U	0.8
J1, J2, J3, J5, K2	W20S-U	W20SR-U	0.7
KA40, KA41 1972-77	W16EP-U	W16EPR-U	0.8
250, 292 (Chev. Eng.) Gasket Seat	W20ES-U	W20ESR-U	0.8
250, 292 (Chev. Eng.) Tapered Seat	T16P-U	T16PR-U	0.9
308 (Holden V8 Eng.)	T16P-U	T16PR-U	0.9
CHEVROLET			
4 Cylinder Engines			
110 cu.in. (LUV), K820 1970-75	W20EP-U	W20EPR-U	0.8
110 cu.in. (LUV), K820, 1976-78	-	W20EPR-U	0.8
6 Cylinder Engines			
Except W Series 1954-62	W20S-U	W20SR-U	0.9
W Series 1958-62	W20ES-U	W20ESR-U	0.8
2.0, 2.5 Ton HD	W20S-U	W20SR-U	0.9
8 Cylinder Engines			
C20, C30, C50, C60 to 1975	-	T16R-U	0.9
V8 Except W Series 1954-62	W20S-U	W20SR-U	0.9
V8 W Series 1954-62	W20ES-U	W20ESR-U	0.8
V8 1970 on	W20ES-U	W20ESR-U	0.8
2.0, 2.5 Ton HD	W20S-U	W20SR-U	0.9
COMMER			
Cob 1390cc OHV Van	W20EP-U	W20EPR-U	0.8
Imp. Van, 1725cc	W20EP-U	W20EPR-U	0.8
8-cwt. & Express Delivery Van OHV	W20EP-U	W20EPR-U	0.8
25-cwt. 12.7mm (1/2") Reach	W20FS-U	W20FSR-U	0.6
25-cwt. 19.0mm (3/4") Reach	W16ES-U	W16ESR-U	0.8
1500cc, 1600cc, Models	W20ES-U	W20ESR-U	0.8
2260cc, 2965cc, 2266cc to 1973	W20EP-U	W20EPR-U	0.8
2260cc, 2965cc, 2266cc 1974 on	-	W20EPR-U	0.8
4139cc, 4250cc, 4725cc OHV Engines	W20EP-U	W20EPR-U	0.8
DAIHATSU			
Delta 1500, 2000, 1978-79	W16EX-U	W16EXR-U	0.8
Delta 1500, 2000 1980 on	W16EX-U	W16EXR-U	0.8
Delta 1500, 2000 3Y Engine	W16EX-U	W16EXR-U	0.8
Rocky 3YC 2.0L 4/1984 - 10/87	W16EX-U	W16EXR-U	0.8
Rocky 3YE 2.0L 10/1987 - 12/88	-	P16R	1.1
Taft 1000	W20ES-U	W20ESR-U	0.8
Taft 1600 to 1979	W16EX-U	W16EXR-U	0.8
Taft 1600 1980	W16EX-U	W16EXR-U	0.8
Wide Van/Station Wagon, Pick-up (S60VS) to 1979	W20ES-U	W20ESR-U	0.8
Wide Van/Station Wagon, Pick-up (S60VS) to 1980	W20EP-U	W20EPR-U	0.8
550 Handy Van (L55/L60)	W20EP-U	W20EPR-U	0.8
Handivan L701 9.1998 on		K16PR-U11	1.1
1000 Cab/Cabvan 4WD	W16EX-U	W16EXR-U	0.8
1000 Hi-Jet, S75, S76	W16EX-U	W16EXR-U	0.8
1000 Station Wagon/Pick-up	W20ES-U	W20ESR-U	0.8

Commercial Vehicles

1600 Feroza 1988 on		-	K20PR-U11	1.1
1600 Feroza F300 1994 ->		-	K20PR-U11	1.1
DATSUN				
(See NISSAN)				
DODGE				
A313 V-8 Canadian 1962-74		W20S-U	W20SR-U	0.9
A313 V-8 Canadian 1965-67		MA20P-U	MA20PR-U	0.9
Canter 2.3L		W20EP-U	W20EPR-U	0.8
Hemi 6 1971-79		W16EP-U	W16EPR-U	0.8
LA318-1 V-8 1973-79		W16EP-U	W16EPR-U	0.8
LA318-3 V-8 1968-79		MA20P-U	MA20PR-U	0.9
Slant 6 1962-70		W16EP-U	W16EPR-U	0.8
318 Mexican Engine 1976-78		W20S-U	W20SR-U	0.9
361 V-8B Series 1962-80		W20ES-U	W20ESR-U	0.8
FIAT				
Campagnola		W20EP-U	W20EPR-U	0.8
127 Fiorino		-	W20EPR-U	0.8
237, 241, 242, 616FG		W20EP-U	W20EPR-U	0.8
850 Fam. (Eng. 1300-1500) 900T		W20EP-U	W20EPR-U	0.8
238 1438cc		W22EP-U	W22EPR-U	0.8
500 Giariniera		W22FP-U	W22FPR-U	0.8
600 Mutipla		W20FP-U	W20FPR-U	0.8
615, 621P		W20S-U	W20SR-U	0.8
1100T (1100/103)		W20FP-U	W20FPR-U	0.8
FORD				
Bronco				
4.1L 1981-84		W16EP-U	W16EPR-U	0.8
5.8L 1981-85		-	T16PR-U	0.9
5.0L EFI 1985-90		-	T20PR-U	0.9
5.8L EFI 1990-93		-	T20PR-U	0.9
Courier				
1.8 & 2.0L 1978-85		W16EP-U	W16EPR-U	0.8
2.6L Carb. 1987-90		W20EP-U	W20EPR-U	0.8
2.6L EFI 1990 ->		-	K16PR-U11	1.1
Courier 4 x 2 2.6L (F) 1/1996 on			KJ16CR-L11	1.1
D Series 240 & 300 1965-79		-	MA20R-U	0.9
Econovan				
1.4, 1.6, 1.8 & 2.0L 1979-84		W16EX-U	W16EXR-U	0.8
1.8 & 2.0L 1984 ->		W16EX-U	W16EXR-U	0.8
2.0L (C) 11/1990 on			W16EPR-U	0.8
Escort - Refer Passenger Section				
Falcon - Refer Passenger Section				
F Series 6 Cylinder Models				
223ci 1955-65		MA16P-U	MA16PR-U	0.9
240ci, 300ci Normal 1965-77		MA16P-U	MA16PR-U	0.9
240ci, 300ci Severe 1965-77		MA20P-U	MA20PR-U	0.9
200ci, 250ci 1974-78		MA16P-U	MA16PR-U	0.9
250ci (Iron Head) 1978-81		T16P-U	T16PR-U	0.8
250ci (Alloy Head) 1981-84		W16EP-U	W16EPR-U	0.8
F Series 8 Cylinder Models				
272ci, 292ci 1955-66		-	MA20PR-U	0.8
302ci 4.9L 1975-78		T20P-U	T20PR-U	0.8
5.0L EFI Normal Service 1985-90		T16P-U	T16PR-U	0.8
5.0L EFI Severe Service 1985-90		T20P-U	T20PR-U	0.8
330ci 1965-74		-	MA20PR-U	0.8
351ci 1978-85		T20P-U	T20PR-U	0.8
5.8L EFI Normal Service 1990-93		-	T16PR-U	0.8
5.8L EFI Normal Service 1990-93		-	T20PR-U	0.8
361ci 1965-74		-	MA20PR-U	0.8
391ci 1965-74		-	MA20PR-U	0.8
LN700 361ci 6.0L to 1978		-	MA20PR-U	0.9
LN/T900 477ci 7.8L to 1976		-	MA20PR-U	0.9
Maverick				
DA (TB42) Normal 1988-93		W16EP-U	W16EPR-U	0.8
DA (TB42) Severe 1988-93		W20EP-U	W20EPR-U	0.8
RB30		-	K20PR-U	0.8
Raider 2.6L 4x4 1992 ->		-	KJ16CR-11	1.1
R Series 240ci, 300ci to 1979		-	MA20PR-U	0.9
Spectron - Refer Econovan				

Commercial Vehicles

Thames 800, Trader		W16EP-U	W16EPR-U	0.8
Trader 2.0L 1979-80		W20EP-U	W20EPR-U	0.8
Transit				
1.7L		W22EP-U	W22EPR-U	0.8
2.0L to 1974		W22EP-U	W22EPR-U	0.8
2.0L 1985-86		MA20P-U	MA20PR-U	0.8
2.0L OHC		MA20P-U	MA20PR-U	0.8
2.0L DOHC 8 Valve 1/1996 on			K22PR-ZU	0.9
6 Cylinder Non Xflow 1973-78		MA16P-U	MA16PR-U	0.9
6 Cylinder Iron Head 1978-81		T16P-U	T16PR-U	0.9
6 Cylinder Alloy Head 1981 ->		W16EP-U	W16EPR-U	0.8
HOLDEN (GM-H)				
Combo 1.4L 1996 on			K20TXR	0.8
Drover QB 1985-87		W16EX-U	-	0.8
Frontera 2.0L 1996 on			Q20PR-U	0.8
Jackaroo 1.6, 1.8, 2.0, 2.2, 2.3L 1981-91		W20EX-U	W20EXR-U	0.8
Jackaroo 2.6L 1990 ->		-	W20EPR-U11	1.1
Jackaroo UBS 3.5L V6 EI 2/1998 on			PK16PR-L11	1.1
6VD1 V6 3.2L 1992 ->		-	K20PR-U11	1.1
Rodeo 1.6, 1.8, 2.0, 2.2, 2.3L 1981-91		W20EX-U	-	0.8
TF 2.6L 1988 ->		W20EX-U	W20EXR-U	0.8
Rodeo TF2.6 11/1996 on			W20EPR-U11	1.1
Rodeo TF 3.2L 12/1997 on			PK16PR-L11	1.1
Rodeo TF 2.6L 12/1997 on			W16EPR-U10	1.0
Scurry NB 1985-87		W20EP-U	-	0.8
Shuttle WFR 1.8 & 2.0L 1982-86		W20EX-U	W20EXR-U	0.8
Ute VG/VQ 3.8L 1988-91		-	T16EPR-U15	1.5
Ute VG/VQ 5.0L 1988-91		-	T20EPR-U	1.0
HONDA				
ACTY550		W20EX-U	W20EXR-U	0.8
LN, TN 360		W22ES-U	W22ESR-U	0.8
INTERNATIONAL				
Acco Series 14mm Head		W20S-U	W20SR-U	0.9
D Series 14mm Head		W20S-U	W20SR-U	0.9
Models using 18mm Head		L14-U	L14R-U	0.6
Scout V8 304, 345		W20P-U	W20PR-U	0.9
ISUZU				
Truck KA40, KA41, TLG22, TLG52		W20EP-U	W20EPR-U	0.8
Truck KB26 (G161Z)		W20EP-U	W20EPR-U	0.8
Truck KB41 (G161Z)		W20EP-U	W20EPR-U	0.8
Truck PF50 (G161Z)		W20EP-U	W20EPR-U	0.8
JEEP				
4 Cylinder Engines				
134 cu.in. (F Head) 1963-71		W20S-U	W20SR-U	0.9
150 cu.in. 1984-86		-	QJ16CR-11	1.1
150 cu.in. 1986-88		-	Q20PR-U	0.8
151 cu.in. 1981-84		-	T16PR-U15	1.5
6 Cylinder Engines				
Falcon Eng.		T16P-U	T16PR-U	0.9
173 cu.in. 1984-86		T16P-U	T16PR-U	0.9
222 cu.in. 1971-77		W16EP-U	W16EPR-U	0.8
225 cu.in. 1966-71		W16P-U	W16PR-U	0.9
230 cu.in. 1963-66		W20FP-U	W20FPR-U	0.7
232 cu.in. 1965-77		W16EP-U	W16EPR-U	0.8
232 cu.in. 1978-79		-	J16BR-U	0.8
242 cu.in. MPI 1987-88		-	Q20PR-U	0.8
258 cu.in. 1971-77		W16EP-U	W16EPR-U	0.8
258 cu.in. 1978-79		-	J16BR-U	0.8
258 cu.in. 1980-83		-	QJ16CR-11	1.1
V-8 Engines				
304 cu.in. 1971 on		W16EP-U	W16EPR-U	0.8
350 cu.in. 1968-71		-	T16PR-U	0.9
360 cu.in. 1971-88		-	W16EPR-U	0.8
401 cu.in 1972-78		-	W16EPR-U	0.8
Cherokee Sport, Limited				
4.0L 135KW 1994 ->		-	KJ16CR-11	0.9
KENWORTH				

Commercial Vehicles

Buda LO525		W20S-U	W20SR-U	0.9
Hall Scott 400, 935, 1091		M17	-	0.6
Hall Scott 590		W20S-U	W20SR-U	0.9
International RD450, RD451		W20S-U	W20SR-U	0.9
Le Roi H540		W20S-U	W20SR-U	0.9
Waukesha 6MZR		M17	-	0.6
Waukesha 140GKB, 140GZB, 145GKB, 145GZB		W16LS	-	0.6
LEYLAND				
Austin 2, 3, 5 ton		W20ES-U	W20ESR-U	0.8
Austin 7 cwt. Van		W20EP-U	W20EPR-U	0.8
Austin 25 cwt. 3way Van		W20ES-U	W20ESR-U	0.8
Austin A30, A35, A55, A60		W20ES-U	W20ESR-U	0.8
Austin A40, A50, A70		W20ES-U	W20ESR-U	0.8
Austin Champ, Gypsy, LC, LD		W20ES-U	W20ESR-U	0.8
Austin Mini, Minor, Moke		W20EP-U	W20EPR-U	0.8
Austin Sherpa OHC		T16EP-U	T16EPR-U	0.9
Austin Sherpa OHV		W20EP-U	W20EPR-U	0.8
Leyland EA Series, FGK40 420FG		W20ES-U	W20ESR-U	0.8
Leyland FGK 60 550FG		W20ES-U	W20ESR-U	0.8
Leyland Mini, Moke		W20EP-U	W20EPR-U	0.8
Leyland Terrier V8		W20FP-U	W20FPR-U	0.6
Morris 250, 300		W20EP-U	W20EPR-U	0.8
Redline EA		W20EP-U	W20EPR-U	0.8
Redline FG, WF Series 4 Cyl.		W20ES-U	W20ESR-U	0.8
Redline FG, WF Series 6 Cyl.		W20ES-U	W20ESR-U	0.8
MACK				
BG, BL, CE, CF, CU, CV, EO, EP, EY 18mm		M17	-	0.6
EO, EP, EY 14mm		W20S-U	W20SR-U	0.9
FK, FM, FO		M17	-	0.6
EN 291, 331, 337 18mm		M17	-	0.6
EN 281, 331, 337 14mm		W20S-U	W20SR-U	0.9
EN 345A		M17	-	0.6
EN 401, 402, 464, 510B, C, 540A		W20S-U	W20SR-U	0.9
EN 414, 414A		W20EP-U	W20EPR-U	0.8
EN 431, 431A 18mm		M17	-	0.6
EN 431, 431A 14mm		W20S-U	W20SR-U	0.9
EN 438, 464, A, B, EN 548		W20S-U	W20SR-U	0.9
EN 354, 405, 431, 457, 471, 471A, 510, 532		W22S-U	-	0.9
EN 510A 14mm		W20S-U	W20SR-U	0.9
EN 510A, 707A, 707B 18mm		M17	-	0.6
EN 707C, ENF 707C 14mm 3/8" Reach		W20S-U	W20SR-U	0.9
EN 707C 14mm 3/4" Reach		W20ES-U	W20ESR-U	0.8
MAZDA				
Bongo Van		W20EX-U	W20EXR-U	0.8
B1500		W16EX-U	W16EXR-U	0.8
B1600 to 1980		W20EP-U	W20EPR-U	0.8
B1600 1981 on		W16EX-U	W16EXR-U	0.8
B1800, B2000		W16EX-U	W16EXR-U	0.8
B2200 1987 on		-	W16EXR-U	0.8
B2600 to 1989		W16EP-U	W16EPR-U	0.8
B2600 4x4 1990 on		-	K20PR-U	0.8
B2600 4x2 1990 on		-	KJ16CR-11	1.1
Bravo 4 x 2 G6 2.6L 1/1996 on			KJ16CR-L11	1.1
D1100, D1500, D2000		W20EP-U	W20EPR-U	0.8
E1300, E1400, E1500, E1600, E2000, E2300		W16EX-U	W16EXR-U	0.8
E2000 2.0L FE 4/1997 on			W16EPR-U	0.8
F360, Series F800		U20M-U	-	0.8
F1000		W20EX-U	W20EXR-U	0.8
Light Bus 18, 26		W20EX-U	W20EXR-U	0.8
T2000		W20EX-U	W20EXR-U	0.8
1000, 1200, 1300, 1500, 1800, Pick-up		W20EX-U	W20EXR-U	0.8
MERCEDES-BENZ				
L207, L307		W20ES-U	W20ESR-U	0.8
L408G, LF408G		W20EP-U	W20EPR-U	0.8
0309B, 0319B		W20EP-U	W20EPR-U	0.8
VITO 2.0L 1997 on			K20TXR	0.9
MITSUBISHI				
Canter 91A, T93		W20ES-U	-	0.8

Commercial Vehicles

Canter 400 Series 1986 ->	W20EP-U	-	0.8
Canter FC 2.4L 1979-81	W20EP-U	-	0.8
Canter FC 2.6L 1981-84	W16EP-U	-	0.8
Canter T93, T97 & T215	W20ES-U	W20ESR-U	0.8
Canter T207, T216	W20ES-U	-	0.8
Canter T217	W16EP-U	W16EPR-U	0.8
Canter FC211 & FC212	W16EP-U	W16EPR-U	0.8
Canter FC432C & E	W20EP-U	W20EPR-U	0.8
Challenger 3.0L 1998 on		PK20PR11	1.1
Colt Truck			
Express/Starwagon 2.0L 1987-9/88	W20ES-U	W20ESR-U	0.8
Express/Starwagon 2.0L 10/1988 ->	W16EP-U	-	0.8
Express/Starwagon 2.4L 1986-8/90	W20EP-U	-	0.8
Express/Starwagon 2.4L 9/1990 ->	-	W20EPR-U11	1.1
Jupiter T11	W16P-U	W16PR-U	0.8
Jupiter T22 & T41	W20ES-U	W20ESR-U	0.8
L200 1.6L	W16EP-U	W16EPR-U	0.8
L200 2.0L	W20EP-U	W20EPR-U	0.8
L200 2.6L	W16EP-U	W16EPR-U	0.8
L200 2.6L 4x4	W16EP-U	W16EPR-U	0.8
L200 3.0L 4x4	W16EP-U11	W16EPR-U11	1.1
L300 1.6L & 1.8L	W16EP-U	W16EPR-U	0.8
L300 2.0L	W20EP-U	W20EPR-U	0.8
L300 2.4L	W20EP-U	W20EPR-U	0.8
Nimbus UA, UB 1986 ->	W20EP-U	-	0.8
Nimbus UC	-	W22EPR-U	0.8
Nimbus UF 2.4L 8V 1992 ->	-	W20EPR-U11	1.1
Nimbus UF 2.4L 16V 1993 ->	K16P-U11	-	1.1
Pajero 2.6L Astron 1983-86	W16EP-U	-	0.8
Pajero 2.6L Astron 1986-88	W20EP-U	-	0.8
Pajero 2.6L 1988-91	W16EP-U	-	0.8
Pajero 3.0L V6 1988 ->	W16EP-U10	-	1.0
Pajero 3.5L V6 1994 ->	-	PK16PR-P11	1.1
Starwagon SJ/WA 2.0L (4G63)	K16P-U11	-	1.1
Starwagon SJ/WA 2.4L (4G64)	K16P-U11	-	1.1
Starwagon WA 3.0L (6G72)	-	PK20PR-P11	1.1
Triton ME, MG2.6L 1986-90	W20EP-U	W20EPR-U	0.8
Triton MH 2.6L 1990 ->	W16EP-U	W16EPR-U	0.8
Triton MH 3.0L V6 1990 ->	W16EP-U11	W16EPR-U11	1.1
Triton ME, MG 2600 1988-90	W20EP-U	-	0.8
Triton MJ 2.6L (4G5) 1993 on	W16EP-U		0.8
Triton MJ 3.0L (6G7) 1993 on	W16EP-U11		1.1
Triton MK 2.4L 10/1996 on		K16PR-U11	1.1
Triton MK 3.0L 10/1996 on		PK20PR11	1.1
NISSAN			
Caball H20, H30, 1968-80	W16ES-U	W16ESR-U	0.8
Caball HC340	W16EP-U	W16EPR-U	0.8
Cabstar H40, PF22, Z20, Z22	W20EP-U	W20EPR-U	0.8
C20 1980-82	W16EP-U	W16EPR-U	0.8
E20 Van Bus 1974-75	W16EP-U	W16EPR-U	0.8
E20 1976-80	W16ES-U	W16ESR-U	0.8
E23 1981-82	W16EP-U	W16EPR-U	0.8
E23 Urvan Z20 1983 on	W20EP-U	W20EPR-U	0.8
F20 1976-80	W16EP-U	W16EPR-U	0.8
Homer F20	W20ES-U	-	0.8
Homer T20	W16EP-U	-	0.8
Homer T64 1970-78	W22ES-U	W22ESR-U	0.8
N620, N720	W16EP-U	W16EPR-U	0.8
Navara Z22, Z24, 1986-87	W20EP-U	W20EPR-U	0.8
Navara Z24S 1988 on Inlet	W20EP-U	W20EPR-U	0.8
Navara Z24S 1988 on Exhaust	W16EP-U	W16EPR-U	0.8
Pathfinder Z24S 1986 to 6/92	W20EP-U	W20EPR-U	0.8
Pathfinder VG30E 7/1992 on		K20R-U	0.9
Pathfinder VG33E 11/1995 on		K16PR-U11	1.1
Patrol 60	W16ES-U	W20ESR-U	0.8
Patrol 61	W16EP-U	W16EPR-U	0.8
Patrol 160 L28	W20EP-U	W20ESR-U	0.8
Patrol 160 P40	W16EP-U	W16EPR-U	0.8
Patrol YS RB 30S 9/1988 ->	-	K20PR-U11	1.1
Patrol YS TB 42S 8/1987 ->	W16EP-U	-	0.8
Patrol YS TB 42S 8/1987 ->	W16EP-U	W16EPR-U	0.8
Patrol Y60 TB42E 10/1991	W16EP-U	W16EPR-U	0.8

Commercial Vehicles

Patrol Y61 4.5L (TB45E) 1998 on			W16EPR-U	1.1
Serena 2.0L 1992 on			K16PR-U	0.9
Terano 11 R20 2.4L (KA24E) 4/1997 on			K16GPR-U11	1.1
Ute Ford Eng. 1988 on		-	J16AR-U11	1.1
Urvan 1987 on		W20EP-U	W20EPR-U	0.8
Nomad/Vanette GC22 Z20S> 4/1988		W20EP-U	W20EPR-U	0.8
Nomad/Vanette GC22 Z20S> 4/1988		W16EP-U	W16EPR-U	0.8
Nomad/Vanette GC22 Z24S> 10/1987		W20EP-U	W20EPR-U	0.8
Nomad/Vanette GC22 Z24S>10/1987 ->				
	Inlet	W20EP-U	W20EPR-U	0.8
	Exhaust	W16EP-U	-	0.8
Vanette C22		W20EP-U	W20EPR-U	0.8
1 Tonne King CHB		W16ES-U	W16ESR-U	0.8
1 Tonne Pick-up L18, 1980-82		W16EP-U	W16EPR-U	0.8
1 Tonne Pick-up Z22 1983-85		W20EP-U	W20EPR-U	0.8
3.5 Tonne C80			W16ES-U	0.8
Forklift (to 1/1978)				
D11, FG101, NFG101/102, 103, CFG101/103		W14E	-	0.8
J15, FG104, F01, F02		W16EP-U	W16EPR-U	0.8
H20, FG104/105, CFG104, PF02		W16ES-U	W16ESR-U	0.8
H30, FG106/107, FG006, FG007		W20ES-U	W20ESR-U	0.8
Forklift (11/1978 on)				
A15, H01, H02		W14	-	0.8
J15, All Models		W16EP-U	W16EPR-U	0.8
Z24, RGH02		W14E	-	0.8
RENAULT				
2123 Models		W20FS-U	W20FSR-U	0.7
ROVER				
Freelander 1.8L 3/1998 on			PK20PR11	1.1
Land Rover 4 Cyl. 7:1 Comp. Unscreened		W20ES-U	W20ESR-U	0.8
Land Rover 4 Cyl. 8:1 Comp. Unscreened		W16EP-U	W16EPR-U	0.8
Land Rover Discovery 1.6L 4x4 (1990)		-	W16EPR-U	0.9
Land Rover Discovery 8 Cyl. 3.5L EFI 1991 ->		W16EP-U	W16EPR-U	0.8
Land Rover Discovery 8 Cyl. 3.9L EFI 1993 ->		W16EP-U	W16EPR-U	0.8
Land Rover 6 Cyl. 2.6L (1977-80)		W20ES-U	W20ESR-U	0.8
Land Rover 8 Cyl. up to Eng. Suffix E Leaded		W16FP-U	W16FPR-U	0.7
Land Rover 8 Cyl. from Eng. Suffix F Leaded		W16EP-U	W16EPR-U	0.8
Land Rover 8 Cyl. from Eng. Suffix F Unleaded		W20EP-U	W20EPR-U	0.8
Range Rover 8 Cyl. E Eng. (to 1975)		W16FP-U	W16FPR-U	0.7
Range Rover 8 Cyl. (1976 on) Leaded		W16EP-U	W16EPR-U	0.8
Range Rover 8 Cyl. (1986-90) Unleaded		W20EP-U	W20EPR-U	0.8
Range Rover 8 Cyl. 1990 on		-	W20EPR-U	0.8
Range Rover 8 Cyl. 1993 ->		W16EP-U	W16EPR-U	0.8
Range Rover V8 4.6L 1996 on			W16EPR-U	0.9
SUZUKI				
Carry ST80		W14EX-U	W14EXR-U	0.8
Carry ST90		W16EX-U	W16EXR-U	0.8
Super Carry SK410		W16EX-U	W16EXR-U	0.8
LJ50		W22FS-U	W22FSR-U	0.8
LJ50 4x4		W22FS-U	W22FSR-U	0.8
LJ80		W16EX-U	W16EXR-U	0.8
LJ80 4x4		W16EX-U	W16EXR-U	0.8
TOYOTA				
Bundera 3Y, 22R		W16EX-U	W16EXR-U	0.8
Coaster 5R, 20R, 22R		W16EX-U	W16EXR-U	0.8
Dyna (RU) 5R to 1978		W16EX-U	W16EXR-U	0.8
Dyna (RU) 5R 1979 ->		W16EX-U	W16EXR-U	0.8
Dyna 2Y, 3Y 1986 ->		W16EX-U	W16EXR-U	0.8
Dyna 4Y 1987 ->		W16EX-U	-	0.9
HiAce 12R, 18R, 1972-83		W16EX-U	W16EXR-U	0.8
HiAce 2R-Z 8/1989		-	W16EXR-U	0.9
HiAce 2.4L (2RZ-E) 1989 ->		-	P16R	1.1
HiAce 2Y, 3Y, 4Y, 1983-89		W16EX-U	W16EXR-U	0.8
HiLux 5R, 12R, 18R, 18R-C		W16EX-U	W16EXR-U	0.8
HiLux 1Y, 2Y, 3Y, 4Y-C 1984-88		W16EX-U	W16EXR-U	0.8
HiLux 22R 10/1988		W16EX-U	W16EXR-U	0.8
Hilux 2.0L (IRZ-E) 1997 on			W16EXR-U	0.8
Hilux 2.7L (3RZ-FE) 1997 on			K16R-U	0.8
HiLux 2Y, 4Y		W16EX-U	W16EXR-U	0.8

Commercial Vehicles

HiLux 4Y-E 1986 ->		-	P16R	1.1
Landcruiser 3F		W14EX-U	W14EXR-U	0.8
Landcruiser 22R		W16EX-U	W16EXR-U	0.8
Landcruiser FZJ75 8/1992 ->		-	K16R-U	0.8
Landcruiser FZJ80 8/1992 ->		-	K16R-U	0.8
Landcruiser FZJ105 (IFZ-FE) 1998 on			K16TR11	1.1
Landcruiser (2UZ-FE) 4.7L 3/1998 on			SK20R11	1.1
Landcruiser Lexus LX470 4.7L V8 4/1998 on			SK20R11	1.1
LiteAce YM40, 41 3Y-CU 1986 ->		-	P16R	1.1
LiteAce 2Y, 2Y-C, 4K-C, 5K-C		W16EX-U	W16EXR-U	0.8
Prado 2.7L (3RZ-FE) 7/1996 on			K16R-U	0.8
Prado 3.4L (5VZ-FE) V6 7/1996 on			K16TR11	1.1
RAV4 2.0L 1994 ->		-	K20R-U11	1.1
Spacia 2.2L 1993 -> YR22		-	P16R	1.1
Spacia SR40 2.0L (3S-FE) 1997 on			K20TR11	1.1
SR-5 18R-C		W16EX-U	W16EXR-U	0.8
Stout 5R		W16EX-U	W16EXR-U	0.8
Tarago 2Y, 3Y, 3Y-C 1984-90		W16EX-U	W16EXR-U	0.8
Tarago 4Y-E 1986-90		-	P16R	1.1
Tarago TCR10, 11, 21 - 2.4L 1990 on		-	PK16R-11	1.1
Townace YR39 1 1992 ->		W16EX-U	W16EXR-U	0.8
Townace 1.8L (7K) 1997 to 11/1998			W16EXR-U	0.8
Townace KR42 1.8L (7K-E) 12/1998 on			W16EXR-U11	1.1
ToyoAce 5R		W16EX-U	W16EXR-U	0.8
4Runner 3Y, 4Y 1984-85		W16EX-U	W16EXR-U	0.8
4Runner 4Y-E 1985-90		-	P16R	1.1
4Runner RN130R 1989 ->		W16EX-U	W16EXR-U	0.8
4Runner V6 3VZ-N 1991 ->		-	K16R-U	0.8
Forklift				
2R, 12R, 3P, F 2F		W16EX-U	W16EXR-U	0.8
4P, 5R		W9EX-U	-	0.8
4P		W14EP-U	W14EPR-U	0.8
VOLKSWAGEN				
Models LT		W22EP-U	W22EPR-U	0.8
Transporter 1200, 1300, 1500		W16FS-U	W16FSR	0.7
Transporter 1600 12.7mm (1/2") Reach		W16FS-U	W16FSR	0.7
Transporter 1600 19.0mm (3/4") Reach		W16ES-U	W16ESR-U	0.8
Transporter 1700, 1800, 2000		W16EX-U	W16EXR-U	0.8
Transporter 2.0L 1/1993 on			W20EPBR-S	0.8
1.9L Caravelle Bus, Kombi Van 1984-86		W20EP-U	W20EPR-U	0.8
2.1L Caravelle Bus, Kombi Van 1986-92		W20EX-U	W20EXR-U	0.7
Transporter/Caravelle 2.5L 1/1992 on			W20EPBR-S	0.8
VOLVO				
A6		W20S-U	W20SR-U	0.9
A8B		M17	-	0.6
B4B, B14A, B16A		W20S-U	W20SR-U	0.9
B18A, B18D Duett		W20FS-U	W20FSR-U	0.7
B20 Duett		W20FP-U	W20FSR-U	0.7
B36 AV		W20S-U	W20SR-U	0.9
DL		M17	-	0.6
EB		M17	-	0.6
EC, ED		W20S-U	W20SR-U	0.9
WHITE				
14mm Heads		W16FP-U	W16FPR-U	0.7
18mm Heads		M17	-	0.8
WILLYS				
(See JEEP)				
YAMAHA				
Golf Car G1-A		W16FP-U	W16FPR-U	0.7
Golf Car G2-A		W16ES-U	W16ESR-U	0.8

Motorcycles

Model	Denso	
	Plug Type	mm
APRILIA		
RS125	W27ES-U	0.8
RS250	W27ES-U	0.8
B.M.W.		
1100cc		
K1100RS/RT 2 1990 ->	X22ESR-U	0.5
R1100RS 1993 ->	K22PB	0.8
R1100GS 1994 ->	K22PB	0.8
1000cc		
K1 1989 ->	X22ESR-U	0.5
K100 1983 ->	X22ES-U	0.5
K100RS/RT 1983 ->	X22ES-U	0.5
980cc		
R100RS/RT 1986 ->	W20EP-U	0.7
R100R 1990 ->	W20EP-U	0.7
R100PD 1990 ->	W20EP-U	0.7
900cc		
R90S, R90/6	W20EP-U	0.7
800cc		
R80 1985 ->	W20EP-U	0.8
R80GS 1990 ->	W20EP-U	0.7
R80R 1990 ->	W20EP-U	0.7
750cc		
K75S	X22ES-U	0.5
R75/5, R75/6, R75/7	W20EP-U	0.7
650cc		
R65, R65LS	W22EP-U	0.8
600cc		
R60/5, R60/6, R60/7	W22EP-U	0.8
R60, R69 Series		
12.7mm Reach	W24FS-U	0.6
19.0mm Reach	W24ES-U	0.8
500cc		
R50/5	W22EP-U	0.8
R50, R51 Series		
12.7mm Reach	W24FP-U	0.6
19.0mm Reach	W24EP-U	0.8
250cc		
R26, R27	W24FP-U	0.6
Others		
R24, R25, R25/1, R25/2, R25/3	W22FP-U	0.6
R50S, R51/2, R51/3	W22FP-U	0.6
R66, R67, R67/1, R67/2, R68, R69S	W22FP-U	0.6
B.S.A.		
750cc		
A75 Rocket 3	W24ES-U	0.5
650cc		
Thunderbolt/Firebird	W24ES-U	0.5
Lightning, A65H, A65FS, A65L, A65SS	W24ES-U	0.5
A10RGS/RR/SR	W22ES-U	0.5
A65/LC/R/T	W22ES-U	0.5
600cc		
M21 Cast Iron Heads	W20FS-U	0.5
Aluminium Heads	W16ES-U	0.5
500cc		
A7	W22FP-U	0.5
A7SS, A50/C/CC	W22EP-U	0.5
A50W	W24EP-U	0.5
B33	W22FP-U	0.5
B34 Cast Iron Heads	W22FP-U	0.5
Aluminium Heads	W22ES-U	0.5
B34 GS Clubman/Cataline	W24ES-U	0.5
Gold Star Racer	W27ES-V	0.5
B50MX/Victor MotorCross	W24ES-U	0.5
B50SS	W22ES-U	0.5
B50T/Victor Trail	W22ES-U	0.5
Royal Star	W24ES-U	0.5
M33	W20FS-U	0.5

Motorcycles

440cc			
Victor B44R/B44S/B44ET		W22ES-U	0.5
B44GP, B44VS		W22ES-U	0.5
350cc			
Fury		W24ES-U	0.5
B40SS90		W22ES-U	0.5
B32GS/B40		W22ES-U	0.5
B32 Aluminium Heads		W22ES-U	0.5
Cast Iron Heads		W22FS-U	0.5
250cc			
B25T Victor, B25 Starfire		W24ES-U	0.5
B25R/SS Gold Star		W24ES-U	0.5
C15SS80		W22ES-U	0.5
C15S/C25		W24ES-U	0.5
C15/C15T		W20ES-U	0.5
C12		W22FS-U	0.5
C10L/L, M20, M21, Aluminium Heads		W16ES-U	0.5
175cc			
Bantam D10, D14, D14/4, D14/5		W22ES-U	0.5
Bantam 175, Bushman		W22ES-U	0.5
Tracker		W24ES-U	0.5
150cc			
D3		W22FS-U	0.5
125cc			
Tracker		W24ES-U	0.5
75cc			
K1 Beagle		U20FS-U	0.5
BULTACO			
370cc			
Frontera		W27ES-U	0.5
360cc			
Frontera		W27ES-U	0.5
Astro		W27ES-U	0.5
El Bandido MKI		W27ES-U	0.5
El Bandido MKII		W24ES-U	0.5
Frontera 360		W24ES-U	0.5
350cc			
Alpina 350		W16EP-U	0.5
Astro		W27ES-U	0.5
Montadero Trial		W16EP-U	0.5
Sherpa T350, Matador MK9		W16EP-U	0.5
250cc			
Alpina 250		W16EP-U	0.5
Astro		W27ES-U	0.5
Matador MKII/SD, MKIII/SD, MKIV/SD, MKV/SD		W24ES-U	0.5
Metralla MKII		W24ES-U	0.5
Pursang MKIV		W24ES-U	0.5
Pursang MKV/MKVI/MKVII		W27ES-U	0.5
Saturno		W20EP-U	0.5
Sherpa		W24ES-U	0.5
Sherpa "S"		W27ES-U	0.5
Sherpa "T"		W16EP-U	0.5

Motorcycles

200cc			
El Tigre, Metisse		W24ES-U	0.5
Pursang/MK5		W27ES-U	0.5
175cc			
Alpina		W24ES-U	0.5
Pursang MKV/MKVI/MKVII		W27ES-U	0.5
Campera 175		W20ES-U	0.5
Campera MKII		W16EP-U	0.5
Lobito MKV/MKVI/175		W24ES-U	0.5
Mercurio 175		W22ES-U	0.5
Metralla, Montadero, Matador		W24ES-U	0.5
Sherpa "S" MKIII		W27ES-U	0.5
125cc			
Alpina		W16EP-U	0.5
Lobito 125, MKIII		W16EP-U	0.5
Pursang MKV/MKVI		W27ES-U	0.5
Sherpa "S"		W27ES-U	0.5
100cc			
Lobito 100, Junior		W22FS-U	0.5
Lobito K		W27FS-U	0.5
Sherpa S100		W27FS-U	0.5
Tiron 100		W20FS-U	0.5
75cc			
Brinco Junior GT2, Brinco 74		W24FS-U	0.5
Lobito 74, MK7		W22FS-U	0.5
50cc			
Chispa 50, Ciclomotor 49/GT, Tiron		W22FS-U	0.5
CAGIVA			
750cc			
Elefant		W22FP-U	0.6
650cc			
Allazura		W22FP-U	0.6
Elefant		W22FP-U	0.6
CZ			
500cc			
MC500		W24FS-ZU	0.5
360cc			
Street		W22FS-U	0.5
250cc			
250 MX, GP		W24FS-ZU	0.5
250 Sport		W24FS-U	0.5
175cc			
Sport 175 (Type 477), Trail		W24FS-U	0.5
150cc			
150		W20FS-U	0.5
125cc			
125 MX, GP		W27FS-ZU	0.5
125 Sport, 125 (Type 476)		W24FS-U	0.5
90cc			
Trail		W22FS-U	0.5
DUCATI			
1000cc			
1000M/H Mile		W22FS-U	0.5
916cc			
916 SP1, Strada 1994 on		X27ES-ZU	0.5
904cc			
Super Paso, Paso 906		X24ESR-U	0.6
907 IE 1991-93		X27EPR-U9	0.9
900cc			
Super Sport (D) 1988-90		X24EPR-U9	0.9
Super Light (D) 1992 ->		X24EPR-U9	0.9
900 Monster (D) 1993 ->		X24EPR-U9	0.9
900SS/SD/S2		W22FS-U	0.5
Chiara (DNL) 1996 on		WX24EPR-U9	0.9
860cc			
SS Demo, GT, GTS		W20FS-U	0.5
851cc			
851		X27ES-ZU	0.5
750cc			
600SS 1994 on		X27EPR-U9	0.9

Motorcycles

748 1995 on		X27EPR-U9	0.9
750 Monster 1996 on		X24EPR-U9	0.9
750 F1 Desmo (1)		W22FP-U	0.5
750		X24ES-U	0.5
750GT/S/SS/ST/Sport		W22FS-U	0.5
ST2 1997 on		X24EPR-U9	0.9
750 Indiana		W22FP-U	0.5
750 Paso		X24ESR-U	0.5
750 Special SS		W22FP-U	0.5
750 Sport		X24ESR-U	0.5
Super Sport		W31ES-U	0.4
650cc			
Indiana 650		W22FP-U	0.6
600cc			
Pantah 600 SL		W22FP-U	0.6
500cc			
500 GTL, Sport, Desmo		W22FS-U	0.5
500 SL Pantah V2		W22FP-U	0.5
450cc			
Desmo/MKII/MKIII/D/RT		W22FS-U	0.6
Regularita, Scrambler, TS		W22FS-U	0.6
350cc			
Desmo/MKIII/D		W22FS-U	0.5
F3, Indiana, 350 SL		W22FP-U	0.5
Scrambler/Sebring/GTL		W22FS-U	0.5
250cc			
24 HRS, Desmo		W22FS-U	0.5
Daytona		W22FS-U	0.5
MKI		W27FS-U	0.5
MKIII		W22FS-U	0.5
Strada		W20FS-U	0.5
160cc			
Monza Junior		W24FS-U	0.5
125cc			
Bronco, Cadet		W20FS-U	0.5
F3		W27FS-U	0.5
RT, Regularita		W22FS-U	0.5
Scrambler		W20FS-U	0.5
ENFIELD			
Bullet 350cc, 500cc 19mm Reach 1984 on		W24ESR-U	0.5
HARLEY DAVIDSON			
(V2 Evolution) All Models 1985-1993		W16EPR-U11	1.1
1340cc			
FL All Models 1984-90		W16EPR-U11	1.1
FLSTN 1993		W16EPR-U11	1.1
FXDL, FXDWG 1993		W16EPR-U11	1.1
FX All Models 1985-90		W16EPR-U11	1.1
(Shovel Head)			
FL All Models 1982-83		J16HR-U10	1.0
FL All Models 1980-81		W16EPR-U11	1.1
FL All Models 1978-79		W16EP-U11	1.1
FX All Models 1982-83		J16HR-U10	1.0
FX All Models 1980-81		W16EPR-U11	1.1
FX All Models 1978-79		W16EP-U11	1.1
FXE, FXSB, FXWG 1984		J16HR-U10	1.0
1200cc			
XL All Models 1988-93		X22EPR-U9	0.9
FL All Models 1975-80		W16EPR-U11	1.1
FL All Models 1948-74		W16P-U	0.6
1100cc			
XL V2 Evolution			
All Models 1985-93		X22EPR-U9	0.9
VT 1100C 1994-95		X22EPR-U9	0.9
1000cc			
XL All Models 1979-85		W22FPR-U10	1.0
XL All Models 1972-78		W16L-S	0.7
XR All Models 1983-85		W22EPR-U	0.9
900cc			
XL All Models 1948-71		W16L-S	0.7
883cc			
V2 Evolution			

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All Models 1985-93		X22EPR-U9	0.9
350cc			
All Models 19mm Reach 1961-74		W24ES-U	0.6
250cc			
All Models 19mm Reach 1974-78		W24ES-U	0.6
175cc			
All Models 19mm Reach 1974-77		W27ES-V	0.6
All Models 11mm Reach		W16L-S	0.7
165cc			
All Models 11mm Reach		W16L-S	0.7
125cc			
M All Models 1968-74		W16EP-U	0.6
ML All Models 1968-74		W16EP-U	0.6
SS-125 1976-77		W27ES-U	0.6
SX-125 1974		W22ES-U	0.6
SX-125 1968-73		W16EP-U	0.6
SXT-125 1975-77		W27ES-U	0.6
100cc			
All Models 19mm Reach 1970		W24ES-U	0.6
90cc			
All Models 19mm Reach 1973-74		W16EP-U	0.6
65cc			
All Models 19mm Reach 1967-73		W16EP-U	0.6
50cc			
All Models 19mm Reach 1965-67		W24ES-U	0.6
HONDA			
1500cc			
GL1500 to 1997		X22EPR-U9	0.9
F6 Valkyrie		X22EPR-U9	0.9
GL1500 to 1997		X22EPR-U9	0.9
1200cc			
GL1200 Aspencade/Gold Wing		X24EPR-U9	0.9
1100cc			
CBR1100XX		U27FER-ZU9	0.9
ST1100 1990-1998		U24FER9	0.9
ST1100A 199501998		UF24FER-U9	0.9
VT1100C 1994-1996		X24EPR-U9	0.9
VT1100C2 1997		X22EPR-U9	0.9
VT1100C3 1998		X22EPR-U9	0.9
CB1100R		X27ES-U	0.7
GL1100/DX 1982 ->		X24EPR-U9	0.9
to 1981		X24ES-U	0.7
GL1100		X24EPR-U9	0.9
ST1100P 1993 ->		U24FER-9	0.9
VF1100C		X24EPR-U9	0.9
1050cc			
CBX		X24ES-U	0.7
1000cc			
CB1000C/F		X24ES-U	0.7
CB1000F1993-1997		X27EP9-U9	0.9
CB1000 1994-95		X27EPR-U9	0.9
CBR1000/F		X27EPR-U9	0.9
CBR1000FP 1993 ->		X27EPR-U9	0.9
GL1000/LTD		X24ES-U	0.7
VF1000/F2		X27EPR-U9	0.9
VTR1000F 1998		U27EP9-ZU9	0.9
CBR900RR 1993-1998		U27FER9	0.9
VFR800F1 1998		UCFER9	0.9
900cc			
CB900F/F2		X27ES-U	0.7
CBR900RRP 1993 ->		U27FER-9	0.9
750cc			
CB750/A/FZ/KZ/C/F/F2/K		X24ES-U	0.7
CB750F2 1993 ->		X24EPR-U9	0.9
CB750SC Night Hawk		X24EPR-U9	0.9
CBX750F		X24EP-U9	0.9
RVF750R 1994 ->		U27FER-ZU9	0.9
VF750/C/S/E		X24EPR-U9	0.9
VFR750/FH/FJ/FK		X24EPR-U9	0.9
VFR750FP 1993 ->		U24FER-9	0.9
VFR750RJ		U27FER-9	0.9
VFR750 1994 ->		U27FER-9	0.9

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VFR750 1995 ->		U24FER-9	0.9
VF750F 1997		U24FER9	0.9
VT750C2 1998		X24EPR-U9	0.9
VT750C		X24EPR-U9	0.9
XLV750R/RF		X24EPR-U9	0.9
700cc			
VT700C		X24EPR-U9	0.9
650cc			
CB650		X22ES-U	0.7
CB650C/Z		X24ES-U	0.7
CB650SC/CBX650E		X24EPR-U9	0.9
CX650C/E/Custom		X24EPR-U9	0.9
CX650 Turbo		X24EPR-ZU9	0.9
GL650/DX/DXII Interstate		X24EPR-U9	0.9
NX650, NTV650		X24EPR-U9	0.9
NX650P 1993 ->		X24EPR-U9	0.9
600cc			
CBR600F/CB600F to 1988		X24EPR-U9	0.9
CBR600F 1989-90		X27EPR-U9	0.9
CBR600F 1993-1998		U27FER9	0.9
CBR600FP 1993 ->		U27FER9	0.9
CBX600E, XL600R, XR600R/RK, XL600VH/RF/RMG		X24EPR-U9	0.9
VT600C 1994-95		X24EPR-U9	0.9
VT600C 1994-1998		X24EPR-U9	0.9
XR600RP 1993 ->		X24EPR-U9	0.9
XR600R 1993-1998		X24EPR-U9	0.9
550cc			
CB550/F/K		X22ES-U	0.7
CBX550/FII/T		X24ESR-U	0.7
500cc			
CB500/F		X22ES-U	0.7
CB500T		W24ES-U	0.8
CR500R/RF/RG/RJ/RK		W24ES-U	0.8
CR500RP 1993 ->		W24ESR-V	0.6
CX500 Shadow		X24ES-U	0.7
FT500C		X24ESR-U	0.7
GL500		X24ES-U	0.7
VT500C/E/FT		X24EPR-U9	0.9
VF500F		X27EPR-U9	0.9
VT500E		X24EPR-U9	0.9
XBR500SH, G		X24EPR-U9	0.9
XL500R/S, XR500		X24ES-U	0.7
XR500R		X24EPR-U9	0.9
CR500R 1993-1998		X24ESR-V	0.6
CR500R 1993-1996		W24ESR-V	0.6
TRX300FWJ/J 1993-1998		U24FER9	0.9
CR480R		X24EPR-U9	0.9
450cc			
CB450		W24ES-U	0.8
CB450 Night Hawk/SC		X24EPR-U9	0.9
CL450		W24ES-U	0.8
CM450E		X24EPR-U9	0.9
400cc			
CB400A, CB400F, CB400T		X24ES-U	0.7
CB400N		X24ESR-U	0.7
CBX400F/F2		X27GPR-U	0.7
CM400A, CM400E, CM400T		X24ES-U	0.7
CX400/C		X24ESR-U	0.7
VF400F		X24EPR-U9	0.9
TRX400FW 1996-1998		X22EPR-U9	0.9
XR400R 1996-1998		X24GPR-U	0.9
360cc			
CB360/G/T, CL360/T		W24ES-U	0.8
CJ360T		W24ESR-U	0.8
350cc			
CB350/G		W24ES-U	0.8
CB350F		X24ES-U	0.7
CL350/K		W24ES-U	0.8
FL350RF		W27ESR-U	0.8
SL350/K		W24ES-U	0.8
TRX350H/J		X24ESR-U	0.7
XL350/K		X24ES-U	0.7
XL350R/RF		X24EPR-U9	0.9

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XR350/R/RF		X24EPR-U9	0.9
300cc			
TRX300FWJ/J		X24EPR-U9	0.9
TRX300FWP/P 1993 -> 1998		X24EPR-U9	0.9
250cc			
ATC250ES/ESF/ESH/ESJ		X24ESR-U	0.7
ATC250R		W24ESR-U	0.8
ATC250RF/RG		W27ESR-U	0.8
CA250TS 1995 ->		U20FSR-U	0.7
CB250/G		W24ESR-U	0.8
CB250N 1993 ->		U24FSR-U	0.7
CB250RS		X24ES-U	0.7
CB250RS Deluxe		X24ESR-U	0.7
CB250T/R: 14mm Heads		W22ES-U	0.8
CB250T/R: 12mm Heads		X24ES-U	0.7
CBX250		X24EPR-U9	0.9
CBX250F		X27GP-U	0.7
CCD250U		U20FSR-U	0.7
CD250		W24ES-U	0.8
CH250/G		X20EPR-U9	0.9
CL250		W24ES-U	0.8
CL250S		X24ES-U	0.7
CM250 Custom		U22FS-U	0.7
CM250C		U22FSR-U	0.7
CM250T		X24ESR-U	0.7
CMX250CH		U20FSR-U	0.7
CR250M		W27ESR-ZU	0.6
CR250R/RK/KF/RG 1982 to 1981		W24ES-V	0.6
		W27ES-V	0.6
CR250RJ		W27ESR-V	0.6
CR250RP 1993 ->		W24ESR-V	0.6
CT200 1995 ->		X24ESR-U	0.7
DJ240T		W24ES-U	0.8
FL250		W22ESR-U	0.8
MR250, MT250, MVX250X		W24ES-U	0.8
SL250S		X24ES-U	0.8
VT250F/F2/F2E/F2F/FJ		X24EPR-U9	0.9
V-Twin Magna 250 1995		U24FER-9	0.9
VT250 Custom 1997		U24FER-9	0.9
TLR250F		X20EPR-U9	0.9
TRX250/G		X24ESR-U	0.7
TRX250 1998		X24EPR-U9	0.9
XL250/K/S		X24ES-U	0.8
XL250R/RF/RH 1985 ->		X27GPR-U	0.7
XLX250R		X24EPR-U9	0.9
to 1984		X24ESR-U	0.7
XR250		X24ES-U	0.8
XR250R/RH/RJ/RK/RF to 1983 1984 ->		X24ESR-U	0.7
		X27GPR-U	0.7
XR250RP 1993 ->		X24GPR-U	0.7
XL250 Degree 1997		U24FER9	0.9
XR250R 1996-1998		U27FER9	0.9
XR250R 1993-1996		X27GPR-U	0.7
C200		X24FS-U	0.7
CB200/B/T		X27ES-U	0.7
CD200T		U22FS-U	0.7
CL200		X24ES-U	0.7
CM200T		U22FS-U	0.7
CT200		X24ES-U	0.7
MTX200R		W27ESR-U	0.8
TLR200		X24ESR-U	0.7
TRX200SX/SXG		X24ESR-U	0.7
XL200 Super		X24ES-U	0.7
XL200R		X24ESR-U	0.7
XL200R 1984 -> to 1983		X27GPR-U	0.7
		X24ES-U	0.7
XR200R to 1983		X24ESR-U	0.7
XR200R 1984-86		X27GPR-U	0.7
XR200R 1987-89		X24ESR-U	0.7
XR200R 1990 ->		X24ESR-U	0.7
XR200RP 1993 ->		X24ESR-U	0.7
200cc			
CT200 1995-1998		X24ES-U	0.7

Motorcycles

CT200P 1997		X24ES-U	0.7
XR200R 1993-1998		X24ES-U	0.7
185cc			
ATC185/A/S		X24ES-U	0.7
CD185T		U22FS-U	0.7
CM185T		U22FS-U	0.7
CT185		X24ES-U	0.7
XL185S 1993 ->		X24ES-U	0.7
XL185S/SH		X24ES-U	0.7
XL185S 1993-1997		X24ES-U	0.7
175cc			
CA175		X24FS-U	0.7
CB175/K		X24FS-U	0.7
CD175/A/T		X24FS-U	0.7
CL175/K		X24FS-U	0.7
GL175		X24FS-U	0.7
MR175/K		W24ES-U	0.8
XL175		W22ES-U	0.8
125cc			
ATC125M		X24ESR-U	0.7
ATC125MF		X27ESR-U	0.7
CB125/CB125JX		X24FS-U	0.7
CB125J, CB125S 1982 on		X27ES-U	0.7
CB125RS		X24ESR-U	0.7
CB125S-D		X24ES-U	0.7
CB125T		U22FS-U	0.7
CB125U, CB125S, CD125S-D, CG125		X24ES-U	0.7
CL125S, CT125, SC125S, SL125/S		X24ES-U	0.7
TL125K/S, XL125S		X24ES-U	0.7
CD125		X20FS-U	0.7
CD125T 1982 on		U20FS-U	0.7
to 1981		U22FS-U	0.7
CG125		X24ES-U	0.7
CJ125, CM125T		U22FS-U	0.7
CL124, CL125		X24FS-U	0.7
CM125C		U22FSR-U	0.7
CR125M		W27ES-ZU	0.6
CR125R/RJ/RK/RF/RG		W27ESR-V	0.6
CR125RP 1993 ->		W27ESR-V	0.6
CT125		X24ES-U	0.7
GL125: to 1981		X24ES-U	0.7
1982->		X24ESR-U	0.7
MT125		W24ES-U	0.8
MTX125R		W27ESR-U	0.8
NH125E		W20FPR-U	0.8
SS124, SS125		X24FS-U	0.7
TRX125F		X24ESR-U	0.7
XL125		X27ES-U	0.7
XR125		X24ESR-U	0.7
110cc			
ATC110		X24FS-U	0.7
CG110, CT110		X24ES-U	0.7
S110		X20ES-U	0.7
CT110		X24ESR-U	0.7
100cc			
CB100, CL100/S, GL100, SB100, SL100, XL100		X24ES-U	0.7
H100, MB100		W22FSR	0.8
H100S		W24FSR	0.8
XL100S		U22FS-U	0.7
XR100R/RH/RJ/RK/RF		U22FSR-U	0.7
XR100RP 1993 ->		U22FSR-U	0.7
90cc			
ATC90		X20FS-U	0.7
C90, CA90		X20FS-U	0.7
C90D		U22FS-U	0.7
C90Z		U20FS-U	0.7
C900		U20FS-U	0.7
CB90		X24ES-U	0.7
CD90/Z		X20FS-U	0.7
CL90		X20FS-U	0.7
CM90		X20FS-U	0.7
CM91		X20FS-U	0.7
CS90		X20FS-U	0.7

Motorcycles

CT90/K		X24FS-U	0.7
L90, L90II, L90Z		X20FS-U	0.7
M90		X24FS-U	0.7
MD90		X20FS-U	0.7
S90Z, SB90		X20FS-U	0.7
SL90		X24FS-U	0.7
ST90/K		X20FS-U	0.7
Super 90		X24FS-U	0.7
T90		X24FS-U	0.7
TL90, US90		X20FS-U	0.7
80cc			
CR80R to 1984		W27ES-U	0.8
CR80R 1994-95		W31ESR-ZU	0.6
CR80RJ/RK/RG		W31ESR-ZU	0.6
CR80RF		W27ESR-U	0.8
XR80RP 1993 ->		U22FSR-U	0.7
MB80/S		W24FS-U/TR-24	0.7
MBX80		W27ESR-U	0.8
MCX80		W27ESR-U	0.8
MT80		W27FSR	0.7
MTX80R		W24ESR-U	0.8
NH80MG		W16FPR	0.7
NH80 (Lead/Aero)/MDG		W20FPR-U	0.7
XL80S		U22FS-U	0.7
XR80/R/S		U22FS-U	0.7
XR80RJ/RF/RG		U22FSR-U	0.7
75cc			
NF75		W16FP-U	0.7
XE75		U22FS-U	0.7
XE75-11, XL75/K, XR75/K		U22FS-U	0.7
XR70R 1996-1998		U20FSR-U	0.7
70cc			
AT70		U22FS-U	0.7
ATC70/K		U22FS-U	0.7
ATC70F		U22FSR-U	0.7
C70		U22FS-U	0.7
C70M		U22FS-U	0.7
C70 Passport		U22FSR-U	0.7
C70Z		U20FS-U	0.7
C700		U20FS-U	0.7
CA70		U22FS-U	0.7
CD70		U22FS-U	0.7
CF70		U22FSR-U	0.7
CL70		U22FS-U	0.7
CM70		U22FS-U	0.7
CS70		U22FS-U	0.7
CT70/H		U22FS-U	0.7
MD70		U22FS-U	0.7
SL70		U22FS-U	0.7
ST70		U22FS-U	0.7
TRX70H		U22FSR-U	0.7
XL70		U22FS-U	0.7
60cc			
CR60RF		W27ESR-U	0.8
50cc			
C50/L		U22FS-U	0.7
CB50		U22FS-U	0.7
CB50J, CD50		U22FS-U	0.7
CF50		U20FS-U	0.7
CL50		U22FS-U	0.7
CR50R		W27ESR-U	0.8
CS50		U22FS-U	0.7
CT50-1, CT50-2		U20FS-U	0.7
CY50 1982 ->		U20FSR-U	0.7
1981		U22FS-U	0.7
MB50		W24FSR	0.7
MBX50 Junior		W27ESR-U	0.8
MCX50		W27ESR-U	0.8
MR50		W20FS-U/TR20	0.7
MT-5		W22FSR	0.7
MT50		W24FSR	0.7
MTX50R		W27ESR-U	0.8
NA50		W14FP-UL	0.7

Motorcycles

NC50		W14FPR-UL	0.7
NF50		W16FP-U	0.7
NH50 (Lead)		W20FPR-U	0.7
NP50 (Melody Mini)		W14FPR-UL	0.7
NQ50		W20FPR-U	0.7
NQ50MG		W20FP-L	0.7
NS50D		W14FP-UL	0.7
NS50MS		W14FP-UL	0.7
NX50/M/Express SR		W16FPR	0.7
NV50MS (Stream)		W14FPR-UL	0.7
P25, P50		U20FS-U	0.7
PA50		W20FP-U	0.7
PC25		U20FS-U	0.7
PC50		U22FS-U	0.7
PC50A, PE50, PF50		U20FS-U	0.7
PF50M		W20FS-U/TR20	0.7
PM25		U20FS-U	0.7
PM50		W20FP-U	0.7
PS25, PS50		U20FS-U	0.7
PZ50		W20FS-U/TR20	0.7
QA50		U22FS-U	0.7
QR50R/F		W14FPR-UL	0.7
S50, SS50/M, SS50V, SS50Z		U22FS-U	0.7
SE50MJ		W20FP-L	0.7
SK50MN 1993		W20FR-L	0.7
ST50		U20FS-U	0.7
XE50-II		U22FS-U	0.7
XL50		U22FS-U	0.7
Z50, Z50J, 50AK2 -> AK7, Z50R		U20FS-U	0.7
Z50R 1994-95		U20FSR-U	0.7
Z50RF/RG/RH/RJ		U20FSR-U	0.7
QR50 1992-1997		W14FPR-L	0.7
500TC		X24ES-U	0.7
460cc			
460MX, CR460		W24ES-ZU	0.5
450cc			
450 Motocross		W24ES-ZU	0.5
430cc			
430CR		W24ES-ZU	0.5
400cc			
400 Motocross		W24ES-ZU	0.5
360cc			
360 Motocross, 350RT		W24ES-ZU	0.5
360 Sportsman, Enduro		W24ES-ZU	0.5
250cc			
250 Motocross, 250RT, CR250		W24ES-ZU	0.5
250 Sportman Enduro		W27ES-ZU	0.5
125cc			
125 Motocross, CR125		W27ES-ZU	0.5
WR125		W24ES-ZU	0.5
WRK125		W31ES-ZU	0.6
HUSABERG			
600cc			
FC600,FE800,FE600E 1997-1998		U24ES-N	0.7
501cc			
FC501,FE501,FE501E 1997-1998		U24ES-N	0.7
400cc			
FC400,FE400,FE40E 1997-1998		U24ES-N	0.7
HUSQVARNA			
610cc			
610TE/TC 1996 on		U22ES-N	0.7
410cc			
410TE 1995 on		U22ES-N	0.7
410TE (2AA) 1996 on		U22ES-N	0.7
250cc			
250WR (5A00) 1996		W27ES-ZU	0.5
JAWA			
500cc			
500DT - Speedway (OHC)		W27ES-ZU	0.5
350cc			

Motorcycles

California/Sport/350 Type 634	W22FS-U/TR22	0.6
250cc		
California/Sport/Motocross	W22FS-U/TR22	0.6
90cc		
Trail/Cross/Roadster	W20FS-U/TR20	0.6
Robot/Cezeta	W16FS-U	0.6
50cc		
Jawatta	W20FS-U/TR20	0.6
500/555/Babetta/Manet/M20	W16FS-U	0.6
05/20/21 Sport/Mustang	W22FS-U/TR22	0.6
KAWASAKI		
1500cc		
VN1500 D/E 1998	X20EPR-U9	0.9
VN1500 Vulcan 88/88SE	X22EP-U9	0.9
1300cc		
KZ1300A 1980 ->	W20EP-U	0.8
to 1979	W24ES-U	0.8
KZ1300B	W20EP-U	0.8
ZNT300, ZG300A	W20EPR-U	0.8
1100cc		
KZ1100, ZX1100	W24ES-ZU	0.8
GPZ1100 1983 ->	W24ESR-U	0.8
GPZ1100 1995 ->	U27ETR	0.9
ZZ-R1100 1993 ->	U27ESR-U	0.8
Zephyr 1100 1993 ->	U27ESR-U	0.8
1000cc		
GTR1000 1995	X24ESR-U	0.7
GTR1000 1996-1998	X27ESR-U	0.7
A1000RI, KZ1000A/E/H	W24ES-U	0.8
GTR1000 1992 ->	X24ESR-U	0.7
GTR1000 to 1992	X24ESR-U	0.7
KZ1000D: 1981 ->	W24ES-U	0.8
to 1980	W24ES-U11	1.1
KZ1000K/L/M	W24ESR-U	0.8
ZG1000A	W24ES-U	0.8
ZL1000-A2	X24ES-U	0.7
ZX1000A	X24ES-U	0.7
ZX10 - Ninja (ZX1000-B1)	U27ES-N	0.8
GPZ1000RX	X24ESR-U	0.7
900cc		
GPZ900R	X24ESR-U	0.7
KZ900, Z1/A/B	W24ES-U	0.8
ZX-9R 1994-95	U27ETR	0.7
ZX900/A/A5	X27ES-U	0.7
ZX9R 1994-1998	U27ETR	0.7
ZX900C1 1998	U27ETR	0.8
800cc		
VN800 1995 ->	U22ESR-N	0.8
VN800 1996-1998	U24ESR-N	0.8
750cc		
GPZ750R	X24ESR-U	0.7
GPX750R	X24ESR-U	0.7
GT750	W24ESR-U	0.8
H2/A/B/C	W27FS-U10	1.0
KZ750/B/E/L/H	W24ES-U	0.8
KZ750D	W22ES-U	0.8
KZ750M/S	W20ES-U	0.8
KZX750, ZX750/A3	W27ES-U	0.8
Z2/A, ZN750A	W24ES-U	0.8
VN750A2	X24EPR-U9	0.9
ZX750G	X27ES-U	0.7
ZX750-F2	X27ES-U	0.7
ZXR750 1989-92	U27ESR-N	0.8
ZXR750 1993	U27ESR-N	0.8
ZX7R 1996-1998	U27ETR	0.8
Zephyr 750 1993 ->	X24ESR-U	0.7
700cc		
ZN700A	W24ES-U	0.8
650cc		
KL/R 650	X24EP-U9	0.9
KLX 650 1993 ->	X24EPR-U9	0.9
KLX 650R 1993 ->	X24EPR-U9	0.9

Motorcycles

KLR 650 1995 ->		X24EPR-U9	0.9
KLR650		X24EP-U9	0.9
KZ650/B/C/D/E/F		W22ES-U	0.8
KZ650F-B		W24ES-U	0.8
600cc			
KLR600		X24ES-U	0.7
KL600B		X24EPR-U9	0.9
ZX-6R 1995 ->		U27ESR-N	0.9
ZX600A2		X27ES-U	0.7
ZX600 1998		US27ESR-N	0.8
ZX600-CIA		X24ES-U	0.7
ZX6R 1995-1998		U27ESR-N	0.8
ZZ-R600 1993 -> 1998		U27ESR-U	0.8
550cc			
KZ550/A/B/C/D/F/G/H, ZR550		X24ES-U	0.7
GPZ550		X27EP-U9	0.7
GT550		X24ESR-U	0.7
ZX500A		X27EP-U9	0.9
Zephyr 550 1993 ->		X27ESR-U	0.7
500cc			
H1/A/C		SF-10	-
H1B		W27FS-U	0.8
H1D/E/F, KH500, KX500		W27FS-U10	1.0
H1R		W34ES-ZU	0.6
KLE500 1993 ->		X27ESR-U	0.7
KX500		W27ES-V	0.6
KX500B/D1		W24ES-V	0.6
KX500 1995 ->		W24ES-V	0.6
KX500 1996-1998		U24ESRN	0.8
KZ500/A/B, ZR500		X24ES-U	0.7
EX500-A2		X27ES-U	0.7
450cc			
DX450		W24ES-U	0.8
EN450A2		X24ESR-U	0.7
KX450 1974		W27FS-U10	1.0
1982		W27ES-ZU	0.6
LTD450		X27ES-U	0.7
440cc			
KZ440A/B/C/D		W22ES-U	0.8
420cc			
KX420A		W27ES-U	0.6
400cc			
KH400/A		W24FS-U/TR24	0.7
KX400/A		W27ES-ZU	0.6
KZ400/B/C/D/G/H		W22ES-U	0.8
KZ400E/J/K: 1983 ->		X22ES-U	0.7
to 1982		X24ES-U	0.7
KZ400M		X22ES-U	0.7
S3/A		W24FS-U/TR24	0.7
ZR400 1984 ->		X24ES-U	0.7
to 1983		X22ES-U	0.7
ZX400A/B/C		X27EP-U9	0.9
350cc			
A7, A7SS 1969 ->		SF-10	-
to 1968		W22FS-U	0.7
F5/A, F9/A/B/C		W31FS	0.7
S2/A		W27FS-U	0.7
305cc			
EX305		X27EP-U9	0.9
KZ305		X27ES-U	0.7
300cc			
KLX300A 1996-1998		W24EP-U/W24EPR-ZU	0.8
KLX300B1 1998		U27ESR-N	0.8
KLF300A/A2/B1		W24ES-U	0.8
250cc			
A1, A1SS: 1969 ->		SF-10	-
to 1968		W27FS-U	0.7
A1R		W31ES-ZU	0.6
BR250		X27EP-U9	0.9
DX250		W24ES-U	0.8
EL250 1993 ->		U24FSR-U	0.7
ER250, EX250		X24EP-U9	0.9
EX250E-1		U24FS-U	0.7

Motorcycles

EX250-F2		U24FS-U	0.7
F11/A/B		W27FS-U	0.7
F11M		W27ES-ZU	0.6
F21		W31FS-U	0.6
F21M		W24FS-U	0.6
F81M, F8/A, F4		W24FS-U/TR24	0.7
GPX-250R 1993 ->		U24FS-U	0.7
GPZ250R 1996-1998		U24FSR-U	0.7
KDX250SR 1993 ->		W27ESR-U	0.8
KDX250 1994 ->		W24ESR-U	0.7
KDX250 1995 ->		W27ES-U	0.8
KLR250 1993-1998		X27EPR-U9	0.9
KE250B, KL250C, KV250A1/A4		W24ES-U	0.8
KH250/B		W27FS-U	0.7
KLR250 1993 ->		X27EPR-U9	0.9
KL250/A/B, KLX250/A		W22ES-U	0.8
KLX250, KLX250R 1995 ->		U24ESR-N	0.7
KLX250E 1996-1998		U24ESR-N	0.8
KLX250D 1997-1998		U24ESR-N	0.8
KX250 1994-1998		U24ESR-N	0.8
ZR250A 1998		U27ESR-N	0.8
ZZR250 1993-1998		U24FSR-U	0.8
KR250-BI		W27ESR-U	0.8
KT250/A		W22FS-U/TR22	0.7
KX250: 1983 ->		W24ES-V	0.6
to 1982		W27ES-ZU	0.6
KXT250		W24ES-U	0.8
KZ250 A/B		X24ES-U	0.7
KZ250C 1983 ->		W24ES-U	0.8
to 1982		W22ES-U	0.8
KL250D		X27EP-U9	0.9
KR250A		W27ES-U	0.8
KV250-A4		W24ES-U	0.8
KX250D		W24ESR-V	0.6
KZ250-F1		W27ES-V	0.6
KZ250D/G/L/M		W22ES-U	0.8
KZ250J		X24ESR-U	0.7
KZ250R/V/W, LT250, LX250C		W24ES-U	0.8
S1A/B/C		W27FS-U	0.7
ZZ-R250 1993 ->		U24FSR-U	0.7
220cc			
KLF220-A1		X24ES-U	0.7
200cc			
DX200		W27ES-U	0.8
KZ200/A, LT200		W22ES-U	0.8
KDX200-D3 1993 ->		W27ESR-U	0.8
KDX200-D2		W27ES-U	0.8
KDX200 1995 ->		W27ESR-U	0.9
KDX200H 1997-1998		W24ESR-U	0.8
185cc			
KLF185A		X24ES-U	0.7
KLF185-A4		X24ES-U	0.7
175cc			
DX175		W27ESR-ZU	0.8
F2/TR		W22FS-U/TR22	0.7
F3		W24FS-U/TR24	0.7
F7/A		SF-10	-
KD175/A		W27FS-U	0.7
KDX175A		W27ESR-ZU	0.6
KE175: 1981 ->		W22ES-U	0.8
to 1980		W27FS-U	0.7
KE175B		W27FS-U	0.7
KE175D, KV175/A		W22ES-U	0.8
KV175 1993 ->		W22ES-U	0.8
KV175-A8		W22ES-U	0.8
150cc			
B8S		W22FS-U/TR22	0.7
132cc			
MB1A (KT32ED)		W20S-U	0.6
125cc			
AR125		W24ES-U	0.8
B1LA, B1LB		W20FS-U/TR20	0.7
B1L, B1LP, B1TL, B8		W22FS-U/TR22	0.7

Motorcycles

DX125		W27ES-ZU	0.6
F6/B		W24FS-U	0.7
F8, TR Bob Cat		W27FS-U	0.7
KC125/A/B/C		W20FS-U/TR20	0.7
KD125/A		W24FS-U/TR24	0.7
KE100 1995 ->		W24ES-U	0.8
KE125/A 1980-83		W24ES-U	0.8
to 1979		W24FS-U/TR24	0.7
KH125/A/B		W24ES-U	0.8
KS125/A		W24FS-U/TR24	0.7
KX125/A/B: 1983 ->		W31ES-ZU	0.6
to 1982		W27ES-ZU	0.6
125E		W27FS-U	0.7
KX125-F1		W31ES-ZU	0.6
KX125 1994-95		W27ES-ZU	0.6
KX125 1996-1997		W24ESR-ZU	0.6
KX125-K5 1998		W24ESR-ZU	0.6
120cc			
CIDL, C2SS, C2TR		W27FS-U/TR22	0.7
110cc			
KH110B/G		W24ES-U	0.8
100cc			
G3TRA, G3SSE		TR24/W24FSU	0.7
G5/A/B/C, C7S/A		W24FS-U/TR24	0.7
G7T/A, GA5A, GT7, KH100C		W24FS-U/TR24	0.7
G4TR/A/B/C/D/E, GA1B100E, 100T		W22FS-U/TR22	0.7
KC100A, KD100M		W22FS-U/TR22	0.7
KC100/B/C, KE100/A/B		W24ES-U	0.8
KH100/A/D/E/G/H/JK		W24ES-U	0.8
KM100/A		W22FS-U/TR22	0.7
KV100A 1981 ->		W22ES-U	0.8
to 1981		W22FS-U/TR22	0.7
KV100B/B14		W22ES-U	0.8
KH100-G8		W24ES-U	0.8
KE100-B6		W24ES-U	0.8
KX100 1996-1998		W27ESR-VZU	0.8
90cc			
G1/A/DL/TL/TR, GA2/A, GA3		W22FS-U/TR22	0.7
KM/90/A, MC1/A/B, MC1M/A		W22FS-U/TR22	0.7
90cc			
G2S/T, GS/A/B/C/D/SS/T		W24FS-U/TR24	0.7
G21M		W24FS-U/TR24	0.7
KC90/A, KE90A, KH90C		W24ES-U	0.8
80cc			
AE80		W24EP-U	0.8
AN80 1984 ->		U20FS-U	0.7
AN80 to 1983		X22ES-U	0.7
AV80		X22ES-U	0.7
DX80, KDX80		W24ES-U	0.8
KD80/A/M/M9		W22FS-U/TR22	0.7
KH70		W22ES-U	0.8
KX80 1996-1998		W27ESR-VZU	0.6
KX80-M1		W27ES-VZU	0.6
KX80, KX80G 1983 ->		W27ES-VZU	0.6
1981-82		W27ES-U	0.8
to 1980		W24ES-U	0.8
75cc			
KV75/A, MT1/A/B/C		W22FS-U/TR22	0.7
65cc			
W1, W2SS, W2TT		W22FS-U/TR22	0.7
60cc			
KX60/B		W27ES-U	0.8
KX60-B4		W27ES-V	0.6
55cc			
M11		W22FS-U/TR22	0.7
50cc			
AE50, AR50		W24ES-U	0.8
AV50 1984 ->		U20FS-U	0.7
AV50 to 1983		X22ES-U	0.7
KH50		W20ES-U	0.8
M10, M50		W22FS-U/TR22	0.7
MV1 (KT30)		W20S-U	0.6

Motorcycles

KTM			
600cc			
600MX, 600 Enduro, Country 600		X24ES-U	0.7
500cc			
GS500 2 Stroke		W31ES-ZU	0.6
GS500 4 Stroke		X24ES-U	0.7
MC500 2 Stroke		W31ES-ZU	0.6
MC500 4 Stroke		X24ES-U	0.7
MX500		W27ES-ZU	0.6
420cc			
420MC80		W27ES-U	0.5
400cc			
GS400, MC400, MC400GP		W27FS-U	0.6
360cc			
360SX 1996		W24ESR-V	0.6
300cc			
300EXC 1996		W24ES-ZU	0.6
250cc			
250 Enduro, 250MX		W31ES-ZU	0.6
GS250 12.7mm Reach		W27FS-U	0.5
GS250 19.0mm Reach		W27ES-U	0.6
MC250 12.7mm Reach		W27FS-U	0.5
MC250 19.0mm Reach		W27ES-U	0.6
MC250GP 12.7mm Reach		W27FS-U	0.5
MC250GP 19.0mm Reach		W27ES-U	0.6
250EXC 1996		W24ES-ZU	0.6
250SX 1996		W31ES-ZU	0.6
175cc			
MC175, GS175		W24ES-U	0.5
125cc			
Comet GP125RS		W24FS-U/TR24	0.5
GS125 12.7mm Reach		W24FS-U/TR24	0.5
GS125 19.0mm Reach		W27ES-U	0.6
LC125		W27ES-ZU	0.6
MC125 12.7mm Reach		W24FS-U	0.5
MC125 19.0mm Reach		W27ES-V	0.6
MC125GP		W31FS	0.5
125MX/Enduro		W31FS-ZU	0.6
125EXC 1996		W31ES-ZU	0.6
125SX 1996		W31ESR-ZU	0.6
100cc			
GS100, MC100		W27FS-U	0.5
80cc			
80 Enduro, 80MX		W31ES-ZU	0.6
MOTOGUZZI			
1100cc			
1000SP11		W20EP-U	0.6
V10 Centauro 1997		W27ESR-U	0.7
1100 Sport, California 1100		W20EPR-U	0.7
1000cc			
1000 SP11		W20EP-U	0.6
Le Mans		W20EP-U	0.6
V1000 Convert/CX/SP		W20EP-U	0.5
950cc			
California 11, CX100 Le Mans		W22ES-U	0.5
850cc			
GT/California 850T3, T4, T5		W20ES-U	0.5
Le Mans		W22EP-U	0.5
V7 Sport		W27ES-U	0.5
750cc			
NTX 750		W22EP-U	0.6
V7 Special/California, 750S, 750S3		W22ES-U	0.5
V75, 750		U22FS-U	0.5
700cc			
V7		W22ES-U	0.5
650cc			
NTX650		W22EP-U	0.6
V65, V65C, V65SP, V65TT		W20EP-U	0.6
V65 Lario II		U22FS-U	0.5
Florida, NTX		W22EP-U	0.6
500cc			
Motocarro Ercole Nuovo Faicone/500/V500		W22ES-U	0.5

Motorcycles

400cc			
400GTS/400FD		X24ES-U	0.7
V40 Capri		U24FS-U	0.5
V40 Imola		X24ES-U	0.5
350cc			
350GTS		X24ES-U	0.7
V35		W22ES-U	0.5
250cc			
250TS/250FD		X24ES-U	0.7
250/4, 254		U22FS-U	0.7
235cc			
Lodola GT		W22ES-U	0.5
192cc			
Galetto		W22ES-U	0.5
175cc			
Stornello/Galetto		W20ES-U	0.5
160cc			
Stornello		W20ES-U	0.5
125cc			
Stornello Sport		W22ES-U	0.5
Stornello/Scrambler 125		W20ES-U	0.5
125 Enduro		W24ES-U	0.5
50cc			
Dingo 3M/MM, Furghino		W20FS-U/TR20	0.5
Nibbio 50/Cross 50		W16FS-U	0.5
Trotter		W20FS-U/TR20	0.5
MOTO MORINI			
500cc			
501 Camel, Excalibur		W22ES-U	0.5
350cc			
3 1/2 GT		W20EP-U	0.5
250cc			
Settebello		W24ES-U	0.5
Racing		W31ES-ZU	0.5
175cc			
Tresette, Settebello		W22ES-U	0.5
Tresette Sprint		W24ES-U	0.5
Corsaro Regolarita		W24ES-U	0.5
Racing		W27ES-ZU	0.5
165cc			
Regolarita		W24ES-U	0.5
150cc			
150SS/160R/GT		W24ES-U	0.5
Corsaro 150 & Sport		W24ES-U	0.5
Corsaro GT 150/Super Sport 150		W24ES-U	0.5
Corsaro Super Sport 150		W24ES-U	0.5
142cc			
Corsaro/Grand Turismo/Super Sport 150		W24ES-U	0.5
125cc			
Corsaro Sport Lusso		W24ES-U	0.5
Super Sport: Regolarita & Sport		W24ES-U	0.5
Country T/SL/GT, 125R Monello		W24ES-U	0.5
100cc			
Sbarazzino/100R		W24ES-U	0.5
50cc			
Dollaro		W20ES-U	0.5
Scrambler 50/Super Scrambler		W24ES-U	0.5
NORTON			
850cc			
Commando Interstate/Roadster		W22EP-U	0.6
759cc			
Commando Fastback/S/Roadster		W22EP-U	0.6
745cc			
Atla/Ranger P11A		W24EP-U	0.6
650cc			
Dominator/Mercury/Manxman		W22ES-U	0.6
600cc			
19R/19F/77/990HV		W20ES-U	0.6
596cc			
Big 4 SV		W20ES-U	0.6
500cc			

Motorcycles

All Models: 19.0mm Heads	W22ES-U	0.6
ES2 OHV 12.7mm Heads	W22FS-U	0.6
88SS (OHV)	W22ES-U	0.6
16H SV	W20ES-U	0.6
499cc		
30 (OHV)	W24ES-U	0.6
490cc		
500T (OHV)	W20ES-U	0.6
384cc		
ES400	W22ES-U	0.6
350cc		
Manx 30	W31ES-ZU	0.6
40 (OHV)	W24ES-U	0.6
50 (OHV) Twin Navigator	W22ES-U	0.6
348cc		
Manx 40	W31ES-ZU	0.6
250cc		
Jubilee OHV	W22ES-U	0.6
Rotary Engine Commander, F1	U24ES-N	0.6
POLARIS		
498cc		
500 Sportsman 1996-1997	K16PR-U	0.7
425cc		
Magnum 2x4,4x4,6x6 1996-1997	K16PR-U	0.7
378cc		
Big Boss 6x6, Scrambler 4x4 1996-1997	W24ESR-U	0.7
Sport 400L, Sportsman 4x4 1996-1997	W24ESR-U	0.7
283cc		
Xplorer 300, Xpress300 1996-1997	W24ESR-U	0.7
244cc		
Trail Balzer, Trial Boss 1996-1997	W24ESR-U	0.7
SUZUKI		
1400cc		
VS1400 GLP 1993 ->	X24EPR-U9	0.9
1300cc		
GSX1300R	U27ESR-N	0.9
1200cc		
GSF1200S 1996-1997	X27ETR	0.7
1150cc		
GS1150EF/ES	X27ES-U	0.7
GSX1150E	X27EP-U9	0.9
1100cc		
GS1100E, GS1100S	X24ES-U	0.7
GS1100EF/ES, GSX1100EF	X27ES-U	0.7
GS1100E/GSX1100S - to 1985	X24ES-U	0.7
1986 on	X27EP-U9	0.9
GSX-1100G 1993 ->	X27ETR	0.7
GSX-R1100	X27ETR	0.7
GSX-R1100W 1993 ->	U27ESR-N	0.7
GSX1100FJ	X27ETR	0.7
1000cc		
GS1000/D/E/GL/GX/H	W24ES-U	0.8
GS1000S: 1982 on	X24ES-U	0.7
GS1000S: to 1981	X24ES-U	0.8
900cc		
RF900R 1994-95	U27ESR-N	0.7
850cc		
GS850/G/GL	X24ES-U	0.8
GS850GE	X24ES-U	0.7
800cc		
VX800 1992 on	X24EPR-U9	0.9
VZ800V 1997	X24EPRU-9	0.9
750cc		
DR750SJ	X24EPR-U9	0.9
GS750: 1981 on	X24ES-U	0.7
to 1980	X24ES-U	0.8
GS750/E/P	X24ES-U	0.8
GSX750F 1992 on	X27ETR	0.7
GS750ED/ESD/SD/EX/LX	X24ES-U	0.7
GS750S	X24ESR-U	0.7
GS750TD, GSX750/E/L/S/T/ES/EF	X24ES-U	0.7

Motorcycles

GSXR750W 1994-95		U27ESR-N	0.7
GSXR750 1996-1997		U27ESR-N	0.7
GSXR750 to 1985		X27ES-U	0.7
GSXR750J 1988 on		X27ETR	0.7
GSXR750W 1992 on		U27ETR	0.7
GSXR750R 1989 on		U31ETR	0.7
GT750		W24ES-U	0.8
VS750GL		X24EP-U9	0.9
650cc			
DR650R 1993 ->		X24EP-U9	0.9
GR650/E		X22ES-U	0.7
GR650X, GS650G/GE/GL/GT/GX/M/MO/XE		X24ES-U	0.7
DR50SRE 1996-1997		U31ESR-N	0.7
XN85		X27ES-U	0.7
600cc			
DR600S/R		X27EPR-U9	0.9
G6SF600S 1996-1997		U27ETR	0.7
GSX600FJ		X24ESR-U	0.7
GSRR600 197		U27ESR-N	0.7
RF600R 1993 ->		U27ESR-N	0.7
550cc			
GS550/E/ES 1984 on		X27ES-U	0.7
to 1983		W24ES-U	0.8
GS550 M/P/PX		W24ES-U	0.8
GSX550L		X24ES-U	0.7
GSX550EF		X27ES-U	0.7
GT550		W24ES-U	0.7
500cc			
DR500/D		X24ES-U	0.7
GS500E/L/M/T to 1985		W24ES-U	0.8
GS500E 1991 on		X24EP-U9	0.9
GS500L 9/1989 on		X24EP-U9	0.9
GT500		W22FS-U	0.7
RG500		W24ES-U	0.8
RM500/E		W24ES-ZU	0.6
SP500/E		X24ES-U	0.7
T500, TC500		W22FS-U/TR22	0.7
465cc			
RM465		W24ES-ZU	0.6
450cc			
GS450E/ES/GA/L/T/TX		W24ES-U	0.8
GSX450E Katana		X24ES-U	0.7
425cc			
GS425		W24ES-U	0.8
400cc			
DR400S, GN400/TX/XX, GSX400E/F/L/T		X24ES-U	0.7
ON400, SP400		X24ES-U	0.7
GS400/E/X		W24ES-U	0.8
GSX400FW/R		U22FS-U	0.7
GSX-R400		U24FS-U	0.7
PE400/X		W27ES-ZU	0.6
RM400		W24ES-ZU	0.6
RN400		W27ES-ZU	0.6
TS400		W20ES-U	0.8
380cc			
GE380		W22ES-U	0.8
GT380		W24ES-U	0.8
370cc			
DR370		X24ES-U	0.7
RM370		W27ES-ZU	0.6
370cc			
SP370		X24ES-U	0.7
350cc			
DR350 1996-1997		U27ETR	0.7
DR350SE 1996-1997		U27ETR	0.7
DR350S, M/N/P 1991 on		X27EPR-U9	0.9
DR350SR 1994 ->		U27ETR	0.7
DR350 Enduro 1993 ->		X27EPR-U9	0.9
DR350R Enduro 1994-95		U27ETR	0.7
GT350, T350		W22FS-U/TR22	0.7
300cc			
GS300L		X27ES-U	0.7
GSX300L		X24ES-U	0.7

Motorcycles

T306, TC305		W22FS-U/TR22	0.7
280cc			
LFT4WDX 1994-1997		X22ESR-U	0.7
LT-F4WDXR 1994 ->		X22ES-U	0.7
250cc			
GN250/D/ED to 1991		X24ES-U	0.7
GSX250T/L		X24ES-U	0.7
DR250S 1993 ->		X27EPR-U9	0.9
DS250/X		W22EP-U	0.8
GF250SJ		U24FS-U	0.7
GSX250/E: 1981 on TO 1980		X27ES-U	0.7
GSX250F 1993-1997		U22FSR-U	0.8
GT250 19.0mm (3/4") Reach		W27ES-U	0.8
GT250 12.7mm (1/2") Reach		W22FP-U	0.7
GT250E		W22FP-U	0.7
PE250 1980 on		W31ES-ZU	0.6
PE250 1979		W27ES-ZU	0.6
to 1978		W24ES-ZU	0.6
GN250 1992 on		X24ES-U	0.8
GSX250F Across		U22FSR-U	0.9
RG250		W27ES-U	0.8
RGV250 1992 on		W27EMR-C	0.8
RH250, RM250II		W27ES-ZU	0.6
RL250		W22ES-U	0.8
RM250 1982-92		W24ES-ZU	0.6
to 1981		W27ES-ZU	0.6
RM250 1993 ->		W24ES-ZU	0.6
RMX250R 1993-95 ->		W27ES-ZU	0.6
RMX250 1994-97		W27ESR-ZU	0.6
RMX250R 1994-1997		X27ESR-U	0.7
LTF250 1994-1997		X22ESR-U	0.7
LT250, SP250		X24ES-U	0.7
LTF4WDX 1997		X22ES-U	0.7
LT-F250 1994-95		X22ES-U	0.7
LTR250R		W24ES-ZU	0.6
T250, TC250		W22FS-U/TR22	0.7
TM250		W24ES-U	0.8
TR250		W22ES-U	0.8
TS250/X to 1986		W22EP-U	0.8
TS250/X 1987 on		W24ES-U	0.8
TU250X 1997		X24ESR-U	0.7
230cc			
LT230GEF		X22ES-U	0.7
200cc			
DR200 to 1992		X24ES-U	0.7
DR200 1993 ->		X24ES-U	0.7
DR200SE 1996-1997		X24ESR-U	0.7
DF200E 1996-1997		X24ESR-U	0.7
B200N, GT200		W24ES-U	0.8
T200, TC200		W22FS-U/TR22	0.7
TS200R 1993 ->		W27ESR-U	0.8
TS200X		W24ES-ZU	0.6
185cc			
DS185, TF185		W22ES-U	0.8
GT185/E, TC185		W22FS-U/TR22	0.7
LT185E/FE		X22ES-U	0.7
TS185/TF185 1994-95		W22EP-U	0.7
TS185/X 1982 on		W22ES-U	0.8
TS185/X 1978-81		W22EP-U	0.8
to 1977		W22FS-U/TR22	0.7
TS185ER 1996-1997		W22EP-U	0.7
175cc			
DE175/E		W31ES-ZU	0.6
PE175 1979 on		W31ES-ZU	0.6
to 1978		W24ES-ZU	0.6
RS175 1981 on		W27ES-U	0.8
to 1980		W24ES-U	0.8
160cc			
LT-F160 1994-95		X22EPR-U9	0.9
150cc			
S32-2		W22S-U	0.6
DF125		X22ES-U	0.7
125cc			

Motorcycles

ALT125/E, GN125, LT125/E/FE	X22ES-U	0.7
CS125	X24ESR-U	0.7
DF125/D, DR125/E, GN125D/ED/ES, SP125D/E	X24ES-U	0.7
GP125, GT125/E, K125-2, TC125, TR125	W24FS-U/TR24	0.7
DS125/X, TS125/X	W24ES-U	0.8
K125/M/Z	W22FP-U	0.7
RM125 to 1991	W27ES-ZU	0.6
RM125 1996	W27ES-ZU	0.6
RM125 1993 ->	W27ES-ZU	0.6
RM125N 8/1991 on	W27ES-ZU	0.6
RV125 to 1991	W22FS-U/TR22	0.7
TF125	W22ES-U	0.8
TF125 to 1997	W22EP-U	0.8
TM125	W24ES-V	0.6
120cc		
B100, B101P, KT120	W22S-U	0.6
B120, TC125R	W22FS-U/TR22	0.7
B120M, TC125	W22FP-U	0.7
TR-S	W24FP-U	0.7
100cc		
A100	W22FP-U	0.7
A100-3, AC100	W22FS-U/TR22	0.7
A100M	W20FP-U	0.7
DR100, SP100	X24ES-U	0.7
DR100K 2/1989 on	X24ESR-U	0.7
DS100/X, TS100ER	W24ES-U	0.8
GP100, GT100, TC100/F	W24FS-U/TR24	0.7
RM100/X	W27ES-ZU	0.6
TM100	W27ES-ZU	0.6
TF100	W22ES-U	0.8
TS100/X 1978 on	W24ES-U	0.8
to 1977	W24FS-U/TR24	0.7
90cc		
F90, K90	W14FP-U	0.7
T90	W22FP-U	0.7
RV90/F	W20FP-U	0.7
TC90	W24FP-U	0.7
TS90 19.0mm (3/4") Reach	W24ES-ZU	0.6
TS90 12.7mm (1/2") Reach	W24FS-U/TR24	0.7
80cc		
A80, RC80D	W22FP-U	0.7
CS80, FR80M	W20FPR-U	0.7
DS80 1993 ->	X22ES-U	0.7
DS80 1995-1997	W22ESR-U	0.7
DS80/X, RM80B	W22ES-U	0.8
FR80	W20FP-U	0.7
GT80 E/L	W24ES-U	0.8
LT80 1994-95	W22FPR-U	0.7
RM80 to 6/1991	W27ES-U	0.8
RM80 7/1991-92	W31ES-ZU	0.8
RM80 1993 ->	W31ES-ZU	0.6
RM80R/S 1994-95	W31ES-U	0.7
RM80X 1996-1997	W31ES-U	0.7
TS80 1982 on	W22ES-U	0.8
to 1981	W24ES-U	0.8
75cc		
FR75	W20FP-U	0.7
RV75, TM75, TS75	W22FS-U/TR22	0.7
70cc		
A70, U70/W	W22FS-U/TR22	0.7
F70, FR70	W20FP-U	0.7
55cc		
M32	W20S-U	0.6
50cc		
A50/D, AC50/D	W24FS-U/TR24	0.7
A50K, A508, K50D	W22FP-U	0.7
AC50/D	W24FS-U/TR24	0.7
AE50K 1994-95	W20FPR-U	0.7
ALT50, F50, FM50, FR50	W14FP-U	0.7
JR50/R/X, LT50E, JR50 1994-95	W14FP-U	0.7
JR50 1994-1997	W14FP-U	0.7
LT50 1995-1997	W14FPR-L	0.7
M50/G, MT50, TR50	W14FP-U	0.7

Motorcycles

AS50, RM50		W22FS-U/TR22	0.7
CS50		W14FP-UL	0.7
CX50		W20FPR-U	0.7
DM50, DS50/X, GT50/E/K/KE/P		W20FP-U	0.7
K50, RV50, OR50, TS50/ER/ERAP/K/P/X		W20FP-U	0.7
FA50 to 1985		W14FP-UL	0.7
1986 on		W14FPR-UL	0.7
FM50A, FS50		W14FP-UL	0.7
K50D		W22FP-U	0.7
LT50		W14FP-U	0.7
LT50L 1995 ->		W14FPR-UL	0.7
RG50		W24ES-U	0.8
RG50E		W24EP-U	0.8
PV50, TS50ERP/XAP/XK, ZR50K/KE/P/SAP		W20EP-U	0.8
SK/SL/SLAP/SLK/SLP		W20EP-U	0.8
TRIUMPH			
1200cc			
Daytona 1993-on		X24EPR-U9	0.9
Trophy 1991-on		X24EPR-U9	0.9
1000cc			
Daytona 1991-1992		X24EPR-U9	0.9
955cc			
Daytona T595 1997-on		X24EPR-U9	0.9
900cc			
Adventurer 1996 on		X24EPR-U9	0.9
Daytona 1993-1996		X24EPR-U9	0.9
Speed Triple 1994-1996		X24EPR-U9	0.9
Speed Triple T509 1997-on		X24EPR-U9	0.9
Sprint 1993-on		X24EPR-U9	0.9
Thunderbird 1995		X24EPR-U9	0.9
Tiger 1993-on		X24EPR-U9	0.9
Trident 1991-on		X24EPR-U9	0.9
Trophy 1991-on		X24EPR-U9	0.9
750cc			
T140ES, T140E, T140D		W20ES-U	0.5
Bonneville 750 (T140R), T140V		W24ES-U	0.5
Hurricane (TRX75)		W24ES-U	0.5
Tiger 750 (TRV7, TR7R)		W24ES-U	0.5
Trident 750 (T150V, T160)		W24ES-U	0.5
650cc			
Tiger, Trophy, Sport Bonneville		W24ES-U	0.5
T120, T120R, TR6, Trophy		W24ES-U	0.5
6T Thunderbird			
(Eng. No: 029364)		W24ES-U	0.5
(Eng. No: 029363)		W22FS-U/TR22	0.5
T110 19.0mm (3/4") Reach		W22ES-U	0.5
T110 12.7mm (1/2") Reach		W24FS-U/TR22	0.5
500cc			
Tiger 100, 5TA, TR5A, T100A		W22ES-U	0.5
5T Speed Twin		W22FS-U/TR22	0.5
Daytona 500, Trophy 500		W24ES-U	0.5
Trident		W24ES-U	0.5
TR5 Trophy (Cast Iron Head)		W22FS-U/TR22	0.5
TR5 Trophy (Alloy Head)		W22ES-U/W24ES-ZU	0.5
T100		W24FS-U/TR24	0.5
Tiger 100c		W27ES-V	0.5
350cc			
Twenty One (3TA), Tiger 90		W22ES-U	0.5
T35SS Bandit		W24ES-U	0.5
250cc			
TR25W Trophy 250		W24ES-U	0.5
Blazer 34, SS250		W24ES-U	0.5
Trail Blazer 250, TR230		W24ES-U	0.5
199cc			
T20S/M, C, T20T, T20SL		W22FS-U/TR22	0.5
T20SH		W22FS-U/TR22	0.5
TR20, TR20 Scrambler		W24FS-U/TR24	0.5
150cc			
Terrier		W22FS-U/TR22	0.5
VESPA (PIAGGIO)			

Motorcycles

Boxer, Boxer-2, SI		W16FS-U	0.6
Bravo 12.7mm Reach		W16FS-U	0.5
Bravo 19.0mm Reach		W16ES-U	0.5
Moped, Mofa (Ciclomotor) Ciao, SI		W16FS-U	0.6
PK50		W20FS-U/TR20	0.5
PK50S		W20FS-U/TR20	0.5
PK55SS		W22FS-U/TR22	0.5
SI Electro		W22FS-U/TR22	0.5
Super Bravo		W16FS-U	0.5
Super Bravo Electro		W22FS-U/TR22	0.5
Vespa 50/N/S/SR/SS/TS/Special		W20FS-U/TR20	0.5
Vespa 50 Elestart		W20FS-U/TR20	0.5
Vespa PK80E		W20ES-U	0.5
Vespa PK80S		W20ES-U	0.5
Vespa 90, 90SS		W22FS-U/TR22	0.5
Vespa 125/P125X/Super		W20FS-U/TR20	0.5
Vespa 125/Primavera		W20FS-U/TR20	0.5
Vespa 150/P150E/P150S/P150X/Sprint		W20FS-U/TR20	0.5
Vespa 150 Super/Sprint Veloce		W20FS-U/TR20	0.5
Vespa 185 Rally, 180SS		W20ES-U	0.5
Vespa 200 Rally/Electronic		W20ES-U	0.5
Vespa P200E, PX200E		W20ES-U	0.5
Vespa ET3, APECER-MP		W22FS-U/TR22	0.5
YAMAHA			
1300cc			
AVZ A/AT 1997-1998		X22EPR-U9	0.9
XV13LT 1998		X22EPR-U9	0.9
1200cc			
FJ1200 1993 ->		X24EPR-U9	0.9
FJ1200S/T/U		X24EPR-U9	0.9
XVZ, 12DL/DKC2/L/KC2		X24EPR-U9	0.9
XVZ212T/TK/TD/TDK		X24EPR-U9	0.9
XJR1200 196-1998		X24EPR-U9	0.9
1100cc			
FJ1100RL/L/N		X24EPR-U9	0.9
XJ1100K/L, XT1100J, XS1100/E/H/S/SH/LH/RH		W20EP-U	0.8
XV1100 1993 ->		W22ESR-U	0.8
XV1100S/U/W		W22ESR-U	0.8
1000cc			
XV1100MK		W22EP-U	0.8
XV1000 L/LC/MK/RH/N/U		W22EP-U	0.8
XV1000SE		W22EPR-U	0.8
FZR1000 1993 ->		X24ESR-U	0.7
FZR1000 1994-95 ->		X24ESR-U	0.7
FZR1000T/W/U		X24ESR-U	0.7
GTS1000A 1993 ->		X24EPR-U9	0.9
YZF1000R 1997-1998		X24ESR-U	0.7
YZF-R1 1998		U27ESR-N	0.7
920cc			
XV920/J/RH/RJ		W22EP-U	0.8
900cc			
XJ900/K/RL/P/FN/N/T/F		W24EPR-U	0.8
XJ900S 1995 ->		X24EPR-U9	0.9
850cc			
TDM850 1993 ->		X27EPR-U9	0.9
TRX850 1996-1998		X24EPR-U9	0.9
XS850/SH/LH/H		W22EP-U	0.8
750cc			
FZ750/FZ750N		X24EP-U9	0.9
FZ750T/U		X24ESR-U	0.7
FZR750RU		X24EP-U9	0.7
FZR750R to 1989		X24ESR-U	0.7
FZR750R/W 1990 ->		X24ESR-U	0.7
TX750		W22ES-U	0.8
TZ750D		W31ES-ZU	0.8
XJ750J/RH/RJ/P		W22EP-U	0.8
XJ750K/MK/RK		W22EP-U	0.8
XJ750RL		W24EPR-U	0.8
XS750/C/D/E/S/SE		W22EP-U	0.8
XV750 1993-1998		W22EPR-U	0.8
XV750G 1995 ->		W22EPR-U	0.8
XV750/H/J/K/L/MK/SE		W22EP-U	0.8

Motorcycles

YZF750R 1993 ->		U27ESR-N	0.7
FZ750T/U/RU		X24ESR-U	0.7
FZR750RU		X24ESR-U	0.7
660cc			
XTZ660 1996-1998		X27EPR-U9	0.9
650cc			
TX650		W22ES-U	0.8
XJ650/H/J/LH/RJ/RJC/SH		W22EP-U	0.8
XJ650LK		W24EP-U	0.8
XK650T		W24EPR-U	0.8
XS1XS2		W24ES-U	0.8
XS650		W22EP-U	0.8
X650E/H/SE/SH/SJ		W22EP-U	0.8
XS650SK/SL		W22EP-U	0.8
XT650		W22EP-U	0.8
XVS650 1997-1998		X22EPR-U9	0.9
XVS650A 1998		X22EPR-U9	0.9
600cc			
DT600		X22ESR-U	0.8
FZR600 1993 ->		U27ESR-N	0.7
FZR600W		U24ESR-N	0.8
FZS600 1998		U27ESR-N	0.7
SRX600S/T		X22EP-U9	0.9
Seca II 1993 ->		U27ESR-N	0.7
XJ600RL		X24ESR-N	0.7
XJ600S 1994-95		U24ESR-N	0.7
XT600 1993 ->		X24EPR-U9	0.9
XT600E 1996-1998		X24EPR-U9	0.9
XT600ZK		X22ESR-U	0.7
XT600ZS		X22EPR-U9	0.9
XT600W		X22EPR-U9	0.9
TT600L		X22ES-U	0.7
TT600 to 1993 ->		X22EP-U9	0.9
XT600L/T		X24EP-U9	0.9
XT600 (2WK)		X24EPR-U9	0.9
XT600ZL		X22ES-U	0.7
XT600S		X24EP-U9	0.9
TT600S 1995 ->		X24EPR-U9	0.9
XT600U/ZS/ZU		X24EPR-U9	0.9
YFM600FWA 1998		X24EP-U9	0.9
YZF600R 1995-1998		U27ESR-N	0.8
YZF600RG 1995 ->		U27ESR-N	0.8
550cc			
XJ550/H/J/RH/RJ		X24ES-U	0.7
XJ550K/L		X24ES-U	0.7
XT550/K		X22ESR-U	0.7
XT550J/K		X22ES-U	0.7
XZ550		X24ESR-U	0.7
XZ550RJ/RK		X24ES-U	0.7
535cc			
XV535 1993 ->		W22EPR-U	0.8
500cc			
IT500		W22EP-U	0.8
MX500		W24ES-ZU	0.6
RZ500L		W24FSR	0.7
SC500		W24ES-ZU	0.6
SR500/E/H, TT500/C/E/H/J		W22EP-U	0.8
TX500		X24ES-U	0.7
TZ500/H		W31ES-ZU	0.6
WR500Z 1993 ->		W24ES-V	0.6
XD500/C/E/H, XV500K/L		W22EP-U	0.8
XJ500		X24ES-U	0.7
XS500/E		X27ES-U	0.7
490cc			
IT490K/L, YZ490/J		W24ES-U	0.8
YZ490K/L/N/S/T		W27ES-V	0.6
YZ490U/W		W24ES-V	0.6
465cc			
IT465/H/J, YZ465/H		W24ES-U	0.6
425cc			
IT425		W24ES-U	0.6
400cc			
DT400/H		W24ES-U	0.6

Motorcycles

DT400E/MX		W27ES-U	0.8
IT400		W24ES-U	0.8
IT400E/MX400		W24ES-ZU	0.8
RD400/E		W24ES-U	0.8
SR400		W22EP-U	0.8
TT400C		W24ES-ZU	0.6
WR400F 1998		U24ESR-N	0.8
XJ400		X24ES-U	0.7
XS400/2E/C/E/H/RH/SE/SH/SJ		W22EP-U	0.8
XS400J/RJ/K/RK/L/R		X24ES-U	0.7
XT400		X22ESR-U	0.7
XV400SE		W22EPR-U	0.8
YFM400 FW 1994-95		X24ES-U	0.7
YZF400F 1998		U24ESR-N	0.8
YZ400/C/E		W24ES-ZU	0.6
360cc			
DT360, RT1-B, F, FJ, RT2, RT3		W27ES-U	0.6
MX360, YZ360 (B)		W24ES-ZU	0.8
RT1-FM, -MX, RT2-FM, -MX		W27ES-V	0.6
XS360		W20EP-U	0.8
350cc			
BW350T		X24ES-U	0.7
FW 1994-95		X24ES-U	0.7
R1		W24FS-U/TR24	0.7
R2/C, R3/C		W27FS-U	0.7
R5B/C		W27FS-U	0.7
R5F		W27FS-U	0.7
RD350/H: 12.7mm Reach		W24FS-U/TR24	0.7
RD350/H: 19.0mm Reach		W24ES-U	0.8
RD350J/LC		W24ES-U	0.8
RZ350		W27ESR-U	0.8
RZ350K/L/TN		W24ESR-U	0.8
TT350 1993 ->		X24ES-U	0.7
TT350S/T/W		X24ES-U	0.7
TY350/N		W20EP-ZU	0.6
TR2, TR3, TZ350B/E		W31ES-ZU	0.6
TZ350H		W31ES-ZU	0.6
XS350		W20EP-U	0.8
XT350 1993 ->		X24ES-U	0.7
XT350 1995 ->		X24ESR-U	0.7
YR1		W27FS-U	0.7
YFM350ERU/ERW/FWU/FWT/ERT/FWW		X24ES-U	0.7
YFM350 ER, YFM350 FW 1994-95		X24ES-U	0.7
YFM350XU		X24ES-U	0.7
YFZ350U		X24ES-U	0.8
305cc			
YM1, YM2, YM2C		W27FS-U	0.7
250cc			
DS3, DS5-3		W24FS-U/TR24	0.7
DS5E, DS6		W27FS-U	0.7
DS7		W24FS-U/TR24	0.7
DT1-B, DT1-C, DT1-FM, DT1-MX		W31ES-ZU	0.6
DT-E, DT1-F, DT2		W24ES-U	0.8
DT1-SA		W22ES-U	0.8
DT2-FX		W31ES-ZU	0.6
DT2-MX		W27ES-V	0.6
DT3, DT250/E/H/MX		W24ES-U	0.8
FZX250 1998		U24ESR-N	0.8
IT250/H/J/K/L		W27ES-V	0.8
IT250/E		W24ES-V	0.6
MX250		W24ES-ZU	0.6
RD250: 12.7mm Reach		W24FS-U/TR24	0.7
RD250: 19.0mm Reach		W27ES-U	0.8
RD250 D/H/J/LC		W24ES-U	0.8
RZ250/ZUY/IXH		W27ESR-U	0.8
RZ250L/FN/RU		W27ESR-U	0.8
SR250 K/H/SE/TH		W22EP-U	0.8
SRV250 1995 ->		U22FSR-U	0.7
SRX250/N/56K		X24ES-U	0.7
TA250, TD3		W31ES-ZU	0.6
TT250 1993 ->		X24ES-U	0.7
TT250/H/J/K		W22EP-U	0.8
TY250/E/N		W24ES-U	0.8

Motorcycles

TT250R 1994-95		U27ESR-N	0.7
TT250S/T/TT/W		X24ES-U	0.7
TZ250/E/H		W31ES-ZU	0.6
TZ250/W		W31ES-ZU	0.6
TZR250/W		W27ESR-U	0.8
WR250Z 1993 ->		W24ES-V	0.6
XT250 1995 ->		X24ESR-U	0.7
XV250/S 1994-95		U20FS-U	0.7
YFB250F 1994 ->		X22ES-U	0.7
YFB250FW 1994-95		X22ESR-U	0.7
YFB250G 1995 ->		X22ES-U	0.7
XS250/C/H/RH/SE/SH		W22EP-U	0.8
XS250PK/SK/R, XT250L/LC/T/TL		W22EP-U	0.7
XT250/H/J/K/KC/W		W22EP-U	0.8
XT250TT		X24ES-U	0.7
XV250W		U20FS-U	0.7
XV250 1993 ->		U20FSR-U	0.7
YFB250G 1995 ->		X22ES-U	0.7
YD3, YDS5E		W27FS-U	0.7
YFM250W		X22ES-U	0.7
YP250 1998		X24ESR-U	0.7
YTZ250S		W27ES-U/W27ES-ZU	0.8
YTZ250N		W24ESR-U/U/W24ESR-	0.8
YZ250 1993 ->		W24ES-V	0.6
YZ250L/N/S/U/W/WR		W24ES-V	0.6
YZ250 1996-1998		W24EWR-V	0.6
YZ250T		W27ES-U	0.6
225cc			
AG200 1994-95		X24ES-U	0.7
TT225S/T		X24ES-U	0.7
YTM225K/D/DXL/DXK/DRN/DRS/DRT		X22ES-U	0.7
YFM225U/T/S		X22ES-U	0.7
XT225 1993 ->		X24ESR-U	0.7
XT225 1994 ->		X24ESR-U	0.7
200cc			
AG200F1996-1998		X24ESR-U	0.7
AG200/L/U/W/FU		X24ES-U	0.7
BW200ES/EU		X24ES-U	0.7
CS3B, CS3E		W27FS-U	0.7
CS5E		W24FS-U/TR24	0.7
DT200L		W24ESR-U	0.8
DT200R 1993 ->		W27ESR-U	0.8
DT200RW		W27ESR-U	0.6
IT200L/S		W27ES-V	0.6
NR200		W27ES-U	0.8
RD200B: 12.7mm Reach		W24FS-U/TR24	0.7
RD200B: 19.0mm Reach		W22ES-U	0.8
RD200C/C-DX/S/D/D-DX		W22ES-U	0.8
TW200 1993 ->		X24ESR-U	0.7
TW200E 1996-1998		X24ESR-U	0.7
TW200U, BW200EU/ET		X24ES-U	0.7
TW200W		X24ESR-U	0.7
RS200		W24ES-U	0.8
WR200R 1993 ->		W27ESR-U	0.8
XT200/J/K/KC		X24ES-U	0.7
XC200T		X22EPR-U9	0.9
YFM200N/S/DXU/DXT/DXW		X22ES-U	0.7
YTM200K/EK/ERN/ERS		X22ES-U	0.7
YTM200L/EL/DXU		X22ES-U	0.7
195cc			
RS195		W22ES-U	0.8
185cc			
SR185/H/J		W22ES-U	0.7
180cc			
DT180		W24ES-U	0.8
RX180		W27FS-U	0.7
XC180/K/L/LC/ZL/ZLC		X24EPR-U9	0.9
175cc			
AG175/J/K/W/FU		W20ES-U	0.8
AG175H, CT2, CT3		W22ES-U	0.8
AG175U		W24ES-U	0.8
CS1C, CS1E, CS2E, CS3E		W27FS-U	0.7
CT1, DT175, E/MX/N/H/J		W24ES-U	0.8

Motorcycles

CU3C		W22FS-U/TR22	0.7
DT175 1993 ->		W24ES-U	0.8
DT175U		W24ES-U	0.8
IT175/H/J/K		W27ES-V	0.6
IT175E		W31ES-ZU	0.6
MX175/H/J/K		W24ES-U	0.7
MX175B		W24ES-ZU	0.6
TCS1		W24FS-U/TR24	0.7
TY175/E/J		W22ES-U	0.8
YT175/J/K/L		W22EP-U	0.8
YZ175		W31ES-ZU	0.6
135cc			
RX135		W24FP-U10	1.0
125cc			
A-7		W22FS-U/TR22	0.7
AS1 (C), AS2 (C, J)		W27FS-U	0.7
AS3		W24FS-U/TR24	0.7
AT1 (E, J, FM, M)		W27ES-V	0.6
AT1 (C, F), AT2 (E, F)		W24ES-U	0.8
AT2 (M, MX)		W27ES-V	0.6
AT3 (E, F), DT125/E/ED/F/H/MX		W24ES-U	0.8
DT125K/J/LC		W24ESR-U	0.8
IT125/H/J		W27ES-V	0.6
MX125		W27ES-ZU	0.6
P-7C, P-55, P-70		W22FS-U/TR22	0.7
R125SE		W22FP-U	0.7
RD125: 12.7mm Reach		W24FS-U/TR24	0.7
RD125: 19.0mm Reach		W24ES-U	0.8
RD125C		W24ES-U	0.8
RD125C-DX/D-DX		W22FS-U/TR22	0.7
RD125LC		W24ESR-U	0.8
RS125DX/Z		W24FS-U/TR24	0.7
RS125E		W22FS-U/TR22	0.7
RS125P		W22FP-U	0.7
RX125: 12.7mm Reach		W24FS-U/TR24	0.7
RX125: 19.0mm Reach		W24ES-U	0.7
RX125H		W24FS-U/TR24	0.7
RZ125L		W24ESR-U	0.8
SR125/SE		X24ES-U	0.7
TA125/A		W31ES-ZU	0.6
TY125: 12.7mm Reach		W22FS-U/TR22	0.7
TY125: 19.0mm Reach		W22ES-U	0.8
TZ125/H		W31ES-ZU	0.6
XT125/J/K/L		X24ES-U	0.7
YA6, YB125 (B, C, E, F)		W22FS-U/TR22	0.7
YA7S		W27FS-U	0.7
YS125		W27ES-ZU	0.6
YT125/CH/H/J/K/L		W20EP-U	0.8
YT125/E/X		W31ES-ZU	0.6
YZ125 1995		W27ES-V	0.6
YX125 1998		W27ESR-V	0.6
Z125 1993		W27ESR-V	0.6
YZ125B/C/H/K/L/N/S/T/U/W		W27ES-V	0.6
100cc			
AG100 1982 on		W22ES-U	0.8
to 1981		W22FS-U/TR22	0.7
AG100H/J/K/U, DT100/H/J/K/X		W22ES-U	0.8
AG100F 1996-1998		W22ES-U	0.8
T100B		W24FS-U/TR24	0.7
DT100C/D/H/SD/E		W24ES-U	0.8
DX100/H, L2CA/DX/G, LS2		W22FS-U/TR22	0.7
L2GF, RS100 (B, X)		W22FP-U	0.7
L3, LS1, L1		W27FS-U	0.7
L5BT, L5AT, L52, LS3		W24FS-U/TR24	0.7
LS3P, RS100P		W20FP-U	0.7
LT2, LT3, RS100DX/S, YB100M		W24FS-U/TR24	0.7
LT2M, LT2MX		W27FS-U	0.7
LTMX		W27FS-ZU	0.6
MX100 (B) to 1978		W24ES-ZU	0.6
MX100/H 1979 on		W22ES-U	0.8
MX100J/K		W22ES-U	0.8
RT100 1994-95		W22ES-U	0.6
RX100: 12.7mm Reach		W24FS-U/TR24	0.7

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RX100: 19.0mm Reach		W24ES-U	0.8
YB100/P, YL1L2 (F), YL2 (F)		W22FS-U/TR22	0.7
YZ100E/H/J		W31ES-ZU	0.6
YZ100L		W27ES-V	0.6
YFM100U/W		U22FS-U	0.7
90cc			
H3, HT1 (A, F, FA), V90, YB90		W22FS-U/TR22	0.7
HS1 (AF, B)		W27FS-U	0.7
HT1B		W24FS-U/TR24	0.7
HT1BMX, MX90		W27ES-ZU	0.6
80cc			
BW80S/T/U, CV80K/L		W22FP-U	0.7
CV80/J		W20FPR	0.7
DT80J/K/M, G1F, G1FD, G2FG, G5 (BS, FS)		W22FS-U/TR22	0.7
G5G, G6SB, G7S, GT1		W22FS-U/TR22	0.7
GT80/D/E, GTMX, GTMXE,		W22FS-U/TR22	0.7
LB80-2HD, MX80/H/J, RS80SE		W22FS-U/TR22	0.7
TG1, (D, K, KS, T)		W22FS-U/TR22	0.7
DT80LC		W24ESR-U	0.8
DT80MX, RD80MX		W24FS-U/TR24	0.7
LB80, PW80/K/S, V80/H		W20FP-U	0.7
LB80-2A, 2AC, 2AD, 2H, LB80-3, 3D		W20FS-U/TR20	0.7
PW80 1993		W20FP-U	0.7
PW80S		W20FP-U	0.7
RD80LC, YZ80C/D/E/H		W24ES-U	0.8
T80		U22FSR-U	0.7
TY80: 1983 on		W20FS-U/TR20	0.7
to 1982		W22FS-U/TR22	0.7
V80 CDI		W20FP-U10	1.0
YB80, YG5, (S, T), YGSI (T)		W22FS-U/TR22	0.7
YFM80N/T/U		U22FS-U	0.7
YFM80 to 1997		U22FS-U	0.7
YG3F, Y80/E		W20FP-U	0.7
YZ80 1997-1998		W31ESR-ZU	0.6
YZ80: 12.7mm Reach		W22FS-U/TR22	0.8
YZ80: 19.0mm Reach		W24ES-U	0.8
YZ80 1993		W31ES-ZU	0.6
YZ80B		W24FS-U/TR24	0.7
YZ80J		W27ES-U	0.8
YZ80K/L/N/S/T/U/W		W27ES-U	0.6
YZ80LW 1998		W31ESR-ZU	0.6
75cc			
U75 (A, AE, D, E), V75 (E), YP1		W22FS-U/TR22	0.7
Y75		W20FP-U	0.7
70cc			
V70		W22FS-U/TR22	0.7
65cc			
PC35		W22FS-U/TR22	0.7
60cc			
JT1/L, JT2/M, RD60 (B), YB60		W22FS-U/TR22	0.7
YJ1, (J), YJ2, YJ5, (B, D)		W22FS-U/TR22	0.7
YF60S		W20FP-U	0.7
YJ2TU		W24FS-U/TR24	0.7
YT60, YTM60L		W20FP-U	0.7
YZ60H/J		W24ES-U	0.8
YZ60K/L		W27ES-U	0.8
50cc			
CA50/ESG50		W20FPR-U	0.7
CA50/K/M		W20FP-U	0.7
CE50T		W20FP-U10	1.0
CG50E		W22FP-U	0.7
CY50 1994-95		W22FPR-U	0.7
DT50: 1982 on		W24FS-U/TR24	0.7
to 1981		W22FS-U/TR22	0.7
DT50/K/LC		W22ESR-U	0.8
DT50M/MX, FS1DX, FS1, F, F-DX		W20FS-U/TR20	0.7
H, HB, H-DX, K, KF, M, S, SE, S-DX		W20FS-U/TR20	0.7
FS1P (D, DX), LB3-80, RD50/MX, TY50M		W20FS-U/TR20	0.7
ES50, FS3, FS3M, RD50DX, RX50 K/L		W24FS-U/TR24	0.7
FT1, GT50B/D, LB2, MF2 (K), MF3E		W22FS-U/TR22	0.7
RD50H, U50, (AD, C, E) V50E		W22FS-U/TR22	0.7
YB50/S, YF1K, MR50/H, F5, FS, FS1E		W22FS-U/TR22	0.7
LB2-80: 1981 on		W20FP-U	0.7

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to 1980		W20FS-U/TR20	0.7
LB2M: to 1980, 1982 ->		W20FS-U/TR20	0.7
1981		W20FP-U	0.7
LB3M		W20FP-U	0.7
LC50/H/M, MFA50, MJ50J/M/L		W14FP-UL	0.7
PW50/H/J/K/L/S/T, QT50 H/J/K/L		W14FP-UL	0.7
SA50/H/M		W14FP-UL	0.7
PW50 1983		W14FP-UL	0.6
SH50		W20FPR-U10	1.0
RZ50K		W24ES-U	0.8
T50		U20FS-U	0.7
V50M: to 1980, 1982		W20FS-U/TR20	0.7
V50M: 1981		W20FP-U	0.7
YZ50/H/J/K		W27ES-U	0.8
GO KART			
RC100SE, KT100SE		W29ES-ZU	0.6
RC100J, KT100J		W24ES-U	0.8
SNOW MOBILE			
ET340, PZ4805EJ, XL540K		W27ESR-U	0.8

Marine Engines (Outboard)

Model			Denso Plug Type	mm
BRITISH ANZANI				
65			W20S-U	0.7
180, 18HP			W16LS	0.7
Magnitwin Fleetwin			W20FS-U/TR20	0.6
Minor Seamaid, Jet 3			W16FS-U	0.6
Pilot 1, 2, 3, 4, 30			W16FS-U	0.6
Seasprite, Supertwin			W20FS-U/TR20	0.6
Super Single, Super Snipe			M17	0.6
Triton			W20ES-U	0.6
Unitwin, 400			W20FS-U/TR20	0.6
CHRYSLER				
(See also FORCE)				
3.5HP		1965-69	W16LS	0.8
3.5HP		1980-84	W20FS-U/TR20	0.8
3.6HP		1970-77	W16LS	0.8
4HP		1976-84	W20FS-U/TR20	0.8
4.4HP		1968	W20FS-U/TR20	0.8
4.5HP		1972	W20FS-U/TR20	0.8
4.9HP		1973-75	W16FS-U	0.8
5HP		1969-70	W22FS-U/TR22	0.8
5HP		1974-76	W16FS-U	0.8
6HP		1965-67	W16LS	0.8
6HP		1971-77	W22FS-U/TR22	0.8
6HP		1978-82	W20FS-U/TR20	0.8
6HP Sailor 150		1980	W20FS-U/TR20	0.8
6.6HP		1968	W22FS-U/TR22	0.8
7HP		1969-70	W22FS-U/TR22	0.8
7.5HP		1979-84	W20FS-U/TR20	0.8
7.5HP Sailor 190		1979	W20FS-U/TR20	0.8
7.5HP Sailor 180		1981-84	W20FS-U/TR20	0.8
8HP		1971-86	W20FS-U/TR20	0.8
9.9HP		1968-73	W20FS-U/TR20	0.8
9.9HP Sailor 250		1979-84	W20FS-U/TR20	0.8
9.9HP		1979-86	W20FS-U/TR20	0.8
10HP		1974-78	W20FS-U/TR20	0.8
12HP		1979	W20FS-U/TR20	0.8
12HP Sailor 300		1979	W20FS-U/TR20	0.8
12.9HP		1971-73	W20FS-U/TR20	0.8
15HP		1974-84	W20FS-U/TR20	0.8
20HP		1968-82	W20FS-U/TR20	0.8
25HP		1973-78	W22FS-U/TR22	0.8
25HP		1981-84	W20FS-U/TR20	0.8
30HP		1973-75	W20FS-U/TR20	0.8
30HP		1979-82	W20FS-U/TR20	0.8
35HP		1968-84	W22FS-U/TR22	0.8
35HP		1986	W27FS-U10	1.0
45HP Std. Ign.		1968-81	W20FS-U/TR20	0.8
45HP Magna Power Ing.		1971-78	SF-10	-
45HP		1982-84	W22FS-U/TR22	0.8
50HP		1981-84	W22FS-U/TR22	0.8
55HP Std. Ign.		1967-76	W20FS-U/TR20	0.8
55HP Magna Power Ing.		1969-80	SF-10	-
55HP		1981-83	SF-50	-
60HP		1974-76	SF-10	-
60HP		1984	SF-50	-
65HP		1977-78	SF-10	-
70HP		1969-73	SF-50	-
70HP		1979-80	SF-50	-
75HP		1974-84	SF-50	-
85HP		1969-73	SF-50	-
85HP		1978-83	SF-50	-
85HP		1984-86	SF-10	-
90HP 3 Cyl.		1974-77	SF-50	-
90HP		1983-84	SF-10	-
100HP		1980-84	SF-50	-
105HP		1968-74	SF-50	-
105HP		1975-76	SF-10	-
105HP		1977-78	SF-50	-
105HP		1982-83	SF-50	-

Marine Engines (Outboard)

115HP		1977-82	SF-10	-
115HP		1983-84	SF-10	-
120HP		1970-74	SF-50	-
120HP		1975-76	SF-10	-
120HP		1977	SF-50	-
125HP		1981	SF-10	-
130HP		1972-73	SF-50	-
135HP		1969-71	SF-50	-
135HP		1974	SF-50	-
135HP		1975-76	SF-10	-
135HP		1977	SF-50	-
140HP		1978-84	SF-50	-
150HP		1972-76	SF-50	-
EVINRUDE				
1-1.5HP		1986-90	W20FSR-U10	0.8
1.5-2HP Mate		1956-74	W20S-U	0.8
2HP Evinrude 2, JR		1975-90	W20S-U	0.8
2HP, 2.3HP		1991-97	W20FP-U	0.8
2.5HP		1986-88	W27FSR-U10	1.0
3HP Ducktwin		1958-70	W20S-U	0.8
3HP		1989-90	W20FSR	0.8
3HP		1991-92	W27FSR-U10	1.0
3.3HP		1991-97	W27FSR-U10	1.0
3-5.2HP Lightwin		1952-74	W20S-U	0.8
3.4-4HP Yachtwin		1964-74	W20S-U	0.8
4HP		1975-76	W20S-U	0.8
4HP		1977-80	W27FS-U10	1.0
4HP		1981-84	W20FS-U/TR20	0.8
4HP 4 Del		1986-92	W27FSR-U10	1.0
4HP 4 Mag		1985-88	W20FSR	0.8
4HP		1991-93	W27FSR-U10	1.0
4HP		1989-90	W27FS-U10	1.0
4.5HP		1979-83	W27FS-U10	1.0
5HP Angler		1965-68	W20S-U	0.8
5.0HP		1990-97	W27FS-U10	1.0
5.0HP 4 stroke		1997-	X20FS-U	0.8
5.5-6HP Fisherman		1956-74	W20S-U	0.8
6HP		1975-76	W20S-U	0.8
6HP		1977	W27FS-U10	1.0
6HP		1978-79	SF-51	-
6HP		1980-93	W27FSR-U10	1.0
6.0HP 4 Stroke		1997	X20FS-U	0.8
6.5HP Com		1981-93	W22FSR	1.0
7.5HP		1980-93	W27FS-U10	1.0
8HP 4 Stroke		1996-97	X20FS-U	0.8
8HP		1980-93	W27FSR-U10	1.0
9.5-10HP Sportwin		1956-73	W24S-U	0.8
9.9HP Sportwin		1974	W22FS-U/TR22	0.8
9.9HP		1974-76	W22FS-U/TR22	0.8
9.9HP		1977	W27FS-U10	1.0
9.9HP		1978-79	SF-51	-
9.9HP Sail Drive		1978-83	W27FS-U10	1.0
9.9HP		1980-92	W27FSR-U10	1.0
9.9HP 4 Stroke (305cc)		1995-97	XU22EPR-U	1.0
9.9HP 4 Stroke (211cc)		1996-97	X20FS-U	0.8
10HP Com		1992-93	W27FSR-U10	1.0
10HP Com		1994-97	W20FSR-U	0.8
14HP 14 Com		1981	SF-51	-
14HP		1988-90	W27FSR-U10	1.0
14-18HP Fastwin		1950-72	W24S-U	0.8
15HP Fastwin		1974	W22FS-U/TR22	0.8
15HP		1974-76	W22FS-U/TR22	0.8
15HP		1977	W27FS-U10	1.0
15HP		1978-79	SF-51	-
15HP Sail Drive		1981-84	W27FS-U10	1.0
15HP		1980-92	W27FSR-U10	1.0
15HP		1994-97	W20FSR-U	1.0
15HP Com		1992-93	W22FSR	1.0
15HP Com		1994-97	W20FSR-U	1.0
15HP 4 Stroke		1995-97	XU22EPR-U	0.8
15HP Aero		1995-97	SF-10	-

Marine Engines (Outboard)

18HP Fastwin		1973	W24S-U	0.8
18HP Jet (25HP)		1995-97	W22FSR	1.0
20HP		1978-93	W27FSR-U10	1.0
20HP		1978-97	W22FSR	0.8
25HP Sportster		1969-74	W24S-U	0.8
25HP		1970-76	W24S-U	0.8
25HP		1977	W27FS-U10	1.0
25HP		1978-93	W27FSR-U10	1.0
25HP Com		1981-97	SF-24	-
25HP 3 Cylinder		1995-97	W20FSR-U	0.8
28HP		1978-97	W27FSR-U10	1.0
28HP Jet (40HP)		1992-97	W24FPR	0.8
30HP		1978-97	W27FSR-U10	1.0
35HP		1976	W22FS-U/TR22	0.8
35HP 2 Cylinder		1977	W27FS-U10	1.0
35HP		1978-93	W27FSR-U10	1.0
35HP 3 Cylinder		1995-97	W20FSR-U	1.0
35HP Jet (50 HP)		1993-97	W24FPR	0.8
40HP		1973-74	W24S-U	0.8
40HP Norseman		1974	W22FS-U/TR22	0.8
40HP		1974-76	W22FS-U/TR22	0.8
40HP		1980-88	W27FSR-U10	1.0
40HP		1990-97	W24FSR	0.8
40HP Com (43cu in)		1981-90	TR22/W22FS-U	0.8
40HP Com (45cu in)		1984-97	SF-24	-
45HP Com		1986-97	SF-24	-
48HP		1980-88	W27FSR-U10	1.0
48HP		1989-92	W24FSR	0.8
50HP Lark		1971-74	SF-10	-
50HP		1974	SF-10	-
50HP Sizzler		1971-75	W27FS-U10	1.0
50HP		1975	W27FS-U10	1.0
50HP		1978-79	W27FS-U10	1.0
50HP Evinrude 50		1980-88	W27FSR-U10	1.0
50HP 2 Cylinder		1989-97	W24FSR	0.8
50HP 3 Cylinder		1995-97	W24FPR	0.8
55HP		1968-69	SF-50	-
55HP Evinrude 55S		1976	W27FS-U10	1.0
55HP Evinrude 55		1976-85	W27FS-U10	1.0
55HP		1984-85	W27FS-U10	1.0
55-60HP Surf-Six-O			SF-50	-
60HP Triumph		1968-71	SF-50	-
60HP Evinrude 60		1971-92	W27FSR-U10	1.0
65HP Sportfour		1968	SF-50	-
65HP Triumph		1972-73	W27FS-U10	1.0
65HP Com LC		1986	SF-10	-
65HP HC		1972-88	W24FSR	0.8
65HP Com HC		1984-86	W27FSR-U10	1.0
65HP Jet (90° GrossV)		1992-97	W22FSR	0.8
70HP Hustler, Triumph		1974	W27FS-U10	1.0
70HP Evinrude 70		1975-93	W27FSR-U10	1.0
70HP (3 Cylinder 56 cu in)		1989-93	W22FSR	1.0
70HP (3 Cylinder 56 cu in)		1994-97	W22FSR	1.0
75HP Hustler		1975	W27FS-U10	1.0
75HP Evinrude 75		1976-93	W27FSR-U10	1.0
80HP Starfire		1967	W24S-U	0.8
80HP Jet 88, 90, 110, 112, 115		1979-97	W22FSR	1.0
85HP Speedifour		1968	SF-50	-
85HP Starflite		1968-72	SF-50	-
85HP Evinrude 85		1975-80	W27FS-U10	1.0
85HP		1991-92	W27FSR-U10	1.0
85-115HP Starflite		1973-74	W27FS-U10	1.0
88HP		1981-93	W27FSR-U10	1.0
90HP		1981-93	W27FSR-U10	1.0
90HP 115 (60° loopv)		1995-97	W24FPR	1.0
90HP 115 Tubojet (90°crois)		1994-97	BZ7HS-10	1.0
100HP 100V-4		1979-80	W27FS-U10	1.0
100HP		1984	SF-10	-
100HP		1990-93	W27FSR-U10	1.0
100-125HP Starfire		1967-72	W27FS-U10	1.0
110HP		1981-93	W27FSR-U10	1.0
115HP X-115		1967-68	SF-50	-
115HP Com		1975-85	W27FS-U10	1.0

Marine Engines (Outboard)

115HP Evinrude 115	1985	SF-10	-
115HP	1990-92	W27FSR-U10	1.0
120HP Evinrude 120	1985-97	W27FSR-U10	1.0
125HP	1990-92	W27FSR-U10	1.0
130HP (90°loopv)	1985-97	W24FPR	1.0
135HP Starflite	1973-84	SF-10	-
135HP Strangler	1974-75	SF-10	-
135HP 135, 135S	1975-76	SF-10	-
140HP 140	1973-84	SF-10	-
140HP 140S	1977-79	SF-10	-
140HP	1985-97	W27FSR-U10	1.0
150HP Evinrude 150	1978-87	SF-10	-
150HP	1988-93	W27FSR-U10	1.0
150HP (60°Loopv)	1991-97	W24FPR	1.0
155HP	1978-86	SF-10	-
155HP	1987	SF-51	-
175HP	1977-87	SF-10	-
175HP Evinrude 175	1988-93	W27FSR-U10	1.0
175HP 60°Loopv)	1991-97	W24FPR	1.0
185HP	1984-85	SF-10	-
185HP	1990-93	W27FSR-U10	1.0
200HP	1986-93	W22FPR	1.0
200HP	1994-97	W24FPR	1.0
200HP Com	1992	SF-24	-
200HP Com	1993-97	W24FPR	1.0
225HP	1986-93	W27FSR-U10	1.0
235HP	1978-85	SF-24	-
235HP Evinrude 235	1978-85	SF-10	-
250HP	1991-93	W27FSR-U10	1.0
275HP Evinrude 275	1985-88	W27FSR-U10	1.0
300HP	1986-92	W27FSR-U10	1.0
300HP 1.6L 115-SD	1986-92	W27FSR-U10	1.0
300HP 1.8L 140-SD	1986-92	W27FSR-U10	1.0
300HP 2.0L 140-SD	1986-92	W27FSR-U10	1.0
300HP 2.6L 190-SD		W27FSR-U10	1.0
300HP 2.7L 225-SD		W27FSR-U10	1.0
300HP 3.0L 225-SD		W27FSR-U10	1.0
300HP 3.5L 275-SD		W27FSR-U10	1.0
300HP 4.0L 300-SD		W27FSR-U10	1.0
FORCE (U.S. MARINE)			
4HP	1984-91	W20FS-U/TR20	0.8
5HP	1990-92	W20FP-U	0.9
7.5HP	1985-91	W20FS-U/TR20	0.8
9.9HP	1984-92	W20FS-U/TR20	0.8
15HP	1984-91	W20FS-U/TR20	0.8
25HP	1990-91	W20FS-U/TR20	0.8
35HP	1986-91	W20FS-U/TR20	0.8
40HP	1992	W20FSR	0.9
50HP	1983-91	W22FS-U/TR22	0.8
60HP	1990-91	SF-10	-
75HP	1990-91	SF-50	-
85HP	1983-91	SF-10	-
90HP	1990-91	SF-10	-
125HP	1983-91	SF-10	-
150HP	1988-90	SF-10	-
HANIMEX			
4.5, 5.5, 7.5HP		W16P-U	0.8
9.9, 15HP		W20S-U	0.8
HONDA			
B45, B75/K		X16FS-U	0.6
BF2/A		W14MR-U	0.6
BF5/A/AK		W16EPR-U	0.7
BF8/A		X16FSR-U	0.6
BF9/A		X16FSR-U	0.6
BF9.9/A		X16FSR-U	0.6
BF15/A		X20FSR-U	0.6
BF20		W14MR-U	0.6
BF25A, BF3JA		X22ESR-U	0.7
BF40A, BF45A		X22ESR-U	0.7

Marine Engines (Outboard)

BF50			W16EPR-U	0.7
BF50A			X22ESR-U	0.7
BF75, BF100			X16FSR-U	0.6
BF75E, BF100E			X16FSR-U	0.6
GB-30 (3HP), GB-40 (4HP)			W20FS-U/TR20	0.6
JOHNSON				
1HP SC		1968	W20S-U	0.8
1HP 1R		1968-70	W20S-U	0.8
1HP		1986	W20SR-U	0.8
1.2HP Mag		1988-90	W20SR-U	0.8
1.5HP SC		1968	W20S-U	0.8
1.5HP 2R		1971-79	W20S-U	0.8
1.5HP Mag		1986-87	W20SR-U	0.8
2HP 2R		1971-84	W20S-U	0.8
2HP		1985-92	W20SR-U	0.8
2HP CD2		1991-97	W27FSR-U10	1.0
2.5HP Mag		1986-88	W27FSR-U10	1.0
2.3HP		1991-97	W20FPR-U	0.8
3HP JH		1964-68	W20S-U	0.8
3HP		1967-68	W20S-U	0.8
3HP JHF, JWF		1969-76	W20S-U	0.8
3HP Mag		1989-90	W20FSR	0.8
3HP CD2		1992	W27FSR-U10	1.0
3.3HP		1991-97	W20FPR-U	0.8
4HP 4R, 4W		1969-76	W20S-U	0.8
4HP		1981-84	W20FS-U/TR20	0.8
4HP Del		1977-92	W27FSR-U10	1.0
4HP Mag		1985-88	W20FSR	0.8
4HP CD		1990	W27FSR-U10	1.0
4HP CD2		1991-92	W27FSR-U10	1.0
4.5HP Mag		1979-83	W27FS-U10	1.0
5HP LD		1960-68	W20S-U	0.8
5.0HP		1990-97	W20FSR-U	0.8
5.0HP 4 Stroke		1997	X20FS-U	0.8
6.0HP 4 Stroke		1997	X20FS-U	0.8
6.5HP Com		1981-1993	W22FSR	1.0
6HP 6R, 6RL		1969-76	W20S-U	0.8
6HP		1977-79	SF-51	-
6HP		1984-92	W27FSR-U10	1.0
6HP CD		1991	W27FSR-U10	1.0
6HP CD2U		1992	W27FSR-U10	1.0
7.5HP AD		1956-68	W24S-U	0.8
7.5HP Mag		1980-83	W27FS-U10	1.0
8HP Mag		1980-90	W27FSR-U10	1.0
8HP CD		1991	W27FSR-U10	1.0
8HP CD2U		1992	W27FSR-U10	1.0
9HP MQ		1964-68	W24S-U	0.8
9HP 9R		1969-73	W24S-U	0.8
9HP 9RL		1971-73	W24S-U	0.8
9HP 9E, 9EL, 9R, 9RL		1974	W22FS-U/TR22	0.8
9.9HP Mag		1980-90	W27FSR-U10	1.0
9.9HP CD		1991	W27FSR-U10	1.0
9.9HP CD2U		1992	W27FSR-U10	1.0
9.9HP 4 Stroke (305cc)		1995-97	XU22FPR-U	1.0
9.9HP 4 Stroke (211cc)		1996-97	X20FS-U	0.8
10HP 10E, 10R		1974-76	W22FS-U/TR22	0.8
10HP 10E, 10R, 10SEL		1977-79	SF-51	-
10HP Com		1994-97	W20FSR-U	0.8
14HP Mag		1988-90	W27FSR-U10	1.0
15HP 15E, 15EL, 15R, 15RL		1974-76	W22FS-U/TR22	0.8
15HP		1980-92	W27FSR-U10	1.0
15HP CD		1991	W27FSR-U10	1.0
15HP CD2U		1992	W27FSR-U10	1.0
15HP Com		1994-97	W20FSR-U	0.8
15HP Com		1995-97	XU22FPR-U	0.8
18HP Jet (25HP)		1995-97	B27HS-10	1.0
20HP 20R, RL		1969-73	W24S-U	0.8
20HP		1978-92	W27FSR-U10	1.0
20HP CD		1991	W27FSR-U10	1.0
20HP CD2U		1992	W27FSR-U10	1.0
25HP (3 Cyl)		1995-97	W20FSR-U	1.0

Marine Engines (Outboard)

25HP RL		1969-76	W24S-U	0.8
25HP 25E, 25EL, 25R		1977-78	SF-51	-
25HP Commercial		1977-82	W27FS-U10	1.0
25HP		1985-86	W27FS-U10	1.0
25HP		1979-81	W27FSR-U10	1.0
25HP CD2U		1992	W27FSR-U10	1.0
28HP		1987-91	W27FSR-U10	1.0
28HP CD2U		1992	W27FSR-U10	1.0
28HP Jet (40HP)		1992-97	W24FPR	1.0
30HP		1978-91	W27FSR-U10	1.0
30HP CD2U		1992	W27FSR-U10	1.0
35HP 35E, 35R		1976	W22FS-U/TR22	0.8
35HP		1977-79	SF-51	-
35HP		1980-92	W27FSR-U10	1.0
35HP 3 Cylinder		1995-97	W20FSR-U	1.0
35HP Jet (50HP)		1993-97	W24FPR	1.0
40HP		1969-73	W24S-U	0.8
40HP 40E, 40EL, 40R		1974	W20FS-U/TR20	0.8
40HP		1975-76	W22FS-U/TR22	0.8
40HP		1980-88	W27FSR-U10	1.0
40HP		1989-90	W27FSR	0.8
40HP CD		1991	W24FSR	0.8
40HP CD2U		1992	W24FSR	0.8
45HP		1986	SF-10	-
48HP		1987-88	W27FSR-U10	1.0
48HP		1986-91	W24FSR	0.8
48HP		1992	W24FSR	0.8
50HP		1968-69	W27FS-U10	1.0
50HP 50ES		1971-75	W27FS-U10	1.0
50HP		1972-73	W27FS-U10	1.0
50HP		1971-79	SF-51	-
50HP 50R		1977-79	W27FS-U10	1.0
50HP		1981-88	W27FSR-U10	1.0
50HP		1989-91	W24FSR	0.8
50HP CD2U		1992	W24FSR	0.8
50HP 3 Cylinder		1995-97	W24FPR	0.8
55HP TR-10		1968	SF-50	-
55HP 55ES		1969	SF-50	-
55HP 55E		1976-79	W27FS-U10	1.0
55HP		1980-82	W27FS-U10	1.0
55HP		1984-86	W27FSR-U10	1.0
55HP		1987-88	SF-51	-
60HP 60ES		1970-71	SF-50	-
60HP		1980-90	W27FSR-U10	1.0
60HP CD3		1991-92	W27FSR-U10	1.0
65HP VX, VXH Std. Ign.		1968	W24S-U	0.8
65HP VX, VXH CD Ign.		1968	SF-50	-
65HP 65ES		1972-73	W27FS-U10	1.0
65HP		1984-86	W27FS-U10	1.0
65HP Com LC		1986	SF-10	-
65HP (3 Cylinder 56 cu in)		1989-93	W22FSR	1.0
70HP 70ES		1974-75	W27FS-U10	1.0
70HP 70EL		1976-79	W27FS-U10	1.0
70HP		1980-91	W27FSR-U10	1.0
70HP CD3		1992	W27FSR-U10	1.0
70HP (3 Cylinder 56 cu in)		1989-93	W22FSR	1.0
75HP 75ESR		1975	W27FS-U10	1.0
75HP 75ER		1976-79	W27FS-U10	1.0
75HP		1980-92	W27FSR-U10	1.0
80HP V4A, V4S		1966-67	W24S-U	0.8
80HP Jet 88, 90, 110, 112, 115		1979-97	W22FSR	1.0
85HP V4A, V4S		1968	W24S-U	0.8
85HP		1968-72	SF-50	-
85HP V4		1973-80	W27FS-U10	1.0
85HP CD4		1991-92	W27FSR-U10	1.0
88HP		1987-91	W27FSR-U10	1.0
88HP CD4		1992	W27FSR-U10	1.0
90HP V4M		1964-65	W24S-U	0.8
90HP		1981-91	W27FSR-U10	1.0
90HP CD4		1992	W27FSR-U10	1.0
90HP 115 (60° LoopV)		1995-97	W24FPR	1.0
90HP 115 Turbo Jet (90° LoopV)		1994-97	W22FSR	1.0
100HP V4ML		1966	W24S-U	0.8

Marine Engines (Outboard)

100HP V4LT		1967-68	W27FS-U10	1.0
100HP 100SEL		1971-72	SF-50	-
100HP 100ML, TLR, TXLR		1979	W27FS-U10	1.0
100HP		1980	W27FS-U10	1.0
100HP		1990-91	W27FSR-U10	1.0
100HP CD4		1992	W27FSR-U10	1.0
110HP		1981-90	W27FSR-U10	1.0
115HP		1969-70	SF-50	-
115HP 115ESL		1973-75	W27FS-U10	1.0
115HP 115ETL		1974-78	W27FS-U10	1.0
115HP 115EL		1976-77	W27FS-U10	1.0
115HP 115TXL		1977-79	W27FS-U10	1.0
115HP 115ML		1978-79	W27FS-U10	1.0
115HP 115TL		1979	W27FS-U10	1.0
115HP		1980-84	W27FSR-U10	1.0
115HP		1985	SF-10	-
115HP		1990-91	W27FSR-U10	1.0
115HP CD4		1992	W27FSR-U10	1.0
120HP		1985-91	W27FSR-U10	1.0
120HP CD4		1992	W27FSR-U10	1.0
125HP 125ESL		1971-72	SF-50	-
125HP		1991	W27FSR-U10	1.0
125HP Com		1992	W27FSR-U10	1.0
130HP (90° LoopV)		1985-97	W24FPR	1.0
135HP		1974-76	SF-10	-
140HP		1977-84	SF-10	-
140HP		1985-91	W27FSR-U10	1.0
140HP CD4		1992	W27FSR-U10	1.0
150HP		1978-87	SF-10	-
150HP		1988-90	W27FSR-U10	1.0
150HP CD6		1991-92	W27FSR-U10	1.0
150HP (60° Loop V)		1991-97	W24FPR	1.0
155HP		1984-86	SF-10	-
175HP		1977-83	SF-10	-
175HP		1986	SF-10	-
175HP		1987-91	W27FSR-U10	1.0
175HP CD6		1992	W27FSR-U10	1.0
175HP 60° Loop V)		1991-97	W24FPR	1.0
185HP		1984-85	SF-10	-
185HP		1990-91	W27FSR-U10	1.0
185HP CD6		1992	W27FSR-U10	1.0
200HP		1976-83	SF-10	-
200HP		1986-91	W27FSR-U10	1.0
200HP CD6		1992	W27FSR-U10	1.0
200HP		1986-93	W22FSR	1.0
200HP		1994-97	W24FPR	1.0
200HP Com		1992	SF-24	-
200HP Com		1993-97	W24FPR	1.0
225HP		1986-91	W27FSR-U10	1.0
225HP CD6		1992	W27FSR-U10	1.0
235HP		1978-85	SF-10	-
250HP CD8		1991-92	W27FSR-U10	1.0
275HP		1985-88	W27FSR-U10	1.0
300HP		1986-91	W27FSR-U10	1.0
300HP CD8		1992	W27FSR-U10	1.0
300HP 1.6L 115-SD			W27FSR-U10	1.0
300HP 1.8L 140-SD			W27FSR-U10	1.0
300HP 2.0L 140-SD			W27FSR-U10	1.0
300HP 2.6L 190-SD			W27FSR-U10	1.0
300HP 2.7L 225-SD			W27FSR-U10	1.0
300HP 3.0L 225-SD			W27FSR-U10	1.0
300HP 3.6L 275-SD			W27FSR-U10	1.0
300HP 4.0L 300-SD			W27FSR-U10	1.0
MARINER				
2HP 2A (646)/2B (6A1)			W16FS-U	0.8
2.5HP 2.5		1990-97	W20FPR-U10	1.0
3.3HP 3.3		1993-97	W20FPR-U10	1.0
3.5HP 3.5 (642)			W22FS-U/TR22	0.8
4HP 4		1990-97	W22FPR-U	1.0
4HP 4A (6EO)			W22FS-U/TR22	0.8
5HP 5		1990-97	W22FPR-U	1.0

Marine Engines (Outboard)

5HP 5B (661)/5C (6E3)			W22FS-U/TR22	0.8
6HP 6B (678)			W16FS-U	0.8
6HP 6C (6H8)			TR22-10	1.0
6HP		1987-92	TR24-10	1.0
8HP 8 Bodensee (2Cyl)		1997-97	U20FSR-U	0.8
8HP 8A (647)/8A (655)			W20FS-U/TR20	0.8
8HP 8B (677)/W8 (677)			W22FS-U/TR22	0.8
8HP 8C (6G1)			TR22-10	1.0
8HP		1987-92	TR24-10	1.0
8HP K8 (680)		1991-93	W20FS-U/TR20	0.8
9.9HP 9.9C (682)			TR22-10	1.0
9.9HP		1987-92	TR24-10	1.0
9.9 4 Stroke (2 Cyl)		1995-97	U20FSR-U	0.8
9.9HP 9.9C (682) (W/CPI)			W22FS-U/TR22	0.8
10HP 10 (2 Cyl)		1991-97	W24EPU	1.5
15HP W15 (662) Marathon 15(62)			W22FS-U/TR22	0.8
15HP 15A (651)/15C (684)			W22FS-U/TR22	0.8
15HP Marathon 15B (684)			W22FS-U/TR22	0.8
15HP 15C (684)W/CD1/K15C (6K4)			TR22-10	1.0
15HP K15 (669)			W20FS-U/TR20	0.8
15HP Marathon 15 (662)		1991-92	W22FS-U/TR22	0.8
15HP K15 (6K4)		1991-93	TR22-10	1.0
15HP M15 (662)		1993	TR22-10	1.0
20HP 20 to		1992	SF-50	-
20HP 20A (653)			W20FS-U/TR20	0.8
20HP 20C (6A9)			W22FS-U/TR22	0.8
20HP 20 Jet (2 Cyl)		1995-97	W24FP-L	0.8
20HP 20 (2 Cyl)		1985-97	W24FP-L	0.8
25HP 25 (2 Cyl)		1985-97	W24FP-L	0.8
25HP 25A (648) 25C (695)			W22FS-U/TR22	0.8
25HP Marathon 25 (694)		1992-93	W22FS-U/TR22	0.8
25HP K25 (6A4)/W25 (694)		1992-93	W22FS-U/TR22	0.8
28HP 28 (664)			W22FS-U/TR22	0.8
30HP Marathon 30 (698B)			W22FS-U/TR22	0.8
30HP 30A (689)/W30 (689B)		1992-93	W22FS-U/TR22	0.8
40HP 40A (676A)/40B (675B)			W24FS-U/TR24	0.8
40HP 40 (4 Cyl.)		1989-93	SF-51	-
40HP 40C (6E9)/W40 (676A)		1992-93	W24FS-U/TR24	0.8
40HP Marathon 40 (6F6)		1992-93	W22FS-U/TR22	0.8
40HP K40 (6F5)/W40 (676A)		1992-93	W22FS-U/TR22	0.8
45HP 45			SF-51	-
45HP 45 Bodensee (4 Cyl)		1995-97	X20EPR-U9	0.9
45HP 45 Jet (3 Cyl)		1995-97	W24FP-L	0.8
48HP 48 (670)/W48 (670)			W22FS-U/TR22	0.8
50HP 50 (849cc)		1991-92	SF-50	-
50HP 50 (3 Cyl.)		1992 on	SF-50	-
50HP 50 (4 Cyl.)			SF-51	-
50HP W55 (663)/Marathon 55 (663)		1992 on	W24FS-U/TR24	0.8
50HP M55 (663)		1993 on	W22FS-U/TR22	0.8
55HP W55 (6A3)			W24FS-U/TR24	0.6
55HP W55 (663)			W24FS-U/TR24	0.6
55HP Marathon 55		1992	SF-50	-
60HP (3 Cyl.)		1978-93	SF-50	-
60HP 60 (849cc)		1992	SF-50	-
60HP 60 (675, 6F0)			TR24-10	1.0
60HP 60 Marathon (3 Cyl)			W24FP-L	0.8
60HP 60 Big foot (3 Cyl)		1995-97	W24FP-L	0.8
65HP 65 Jet (3 Cyl)		1995-97	SF-51	-
70HP 70			SF-50	-
75HP Marathon 75		1992-93	SF-51	-
75HP 75 (3 Cyl.)		1992-93	SF-51	-
75HP 75 (4 Cyl.)			SF-51	-
80HP 80			SF-51	-
80HP 80 Jet (4 Cyl)		1995-97	W24FP-L	0.8
85HP 85			SF-51	-
90HP 90			SF-50	-
90HP 90 (3 Cyl.)		1992-93	SF-51	-
100HP 100 (4 Cyl)		1989-97	W24FP-L	0.8
105HP 105 Jet (6 Cyl)		1995-97	SF24	-
115HP 115 (6 Cyl.)		1979-89	SF-50	-
115HP 115 (4 Cyl.)		1989-97	W24FP-L	0.8
125hp 125 (4 Cyl)		1994-97	W24FP-L	0.8
135HP Marathon 135		1992-93	SF-50	-

Marine Engines (Outboard)

140HP 140			SF-50	-
150HP V150/W150/150 Magnum to No. A905890			SF-50	-
150HP V150/W150/150 Magnum from No. A905891			SF-50	-
150HP 150 Magnum EFI	1993		SF-50	-
150HP 150 Magnum III	1992-93		SF-50	-
150HP 150	1991-93		SF-50	-
175HP 175	1991-93		SF-50	-
175HP 175 Magnum EFI	1991-93		SF-50	-
175HP 175 Magnum EFI to No. A918688			SF-50	-
175HP 175 Magnum EFI from No. A918689			SF-50	-
200HP 200	1991-93		SF-50	-
200HP V200 to No. A914497			SF-50	-
200HP V200 from No. A914498			SF-50	-
200HP				
200 Magnum EFI	1992-93		SF-50	-
220HP V220			SF-50	-
225HP 3.0L Carb	1992-96		TR24/W24FS-U10	1.0
225HP 3.0L EFI	1995-97		W24FSR	1.0
250HP	1989-93		SF-50	-
275HP 275	1991-93		SF-50	-
McCULLOCH				
3.5HP	1964-69		W16LS	0.8
4.0HP Long Shaft	1964-69		W16LS	0.8
7.5HP	1964-69		W16LS	0.8
9.5HP			W20S-U	0.8
9.9HP			W20M-U	0.8
14HP			W22S-U	0.8
28HP Manual Start			W22S-U	0.8
45HP Electric Start			W24S-U	0.8
45HP Manual Start			W22S-U	0.8
75HP			W22S-U	0.8
590/630			W22S-U	0.8
MERCURY				
2.2HP 2.2	1984-88		W20FPR-U10	1.0
2.5HP 2.5	1990-97		W20FPR-U10	1.0
3.0HP 3	1990-93		W20FPR-U10	1.0
3.3HP 3.3	1993-97		W20FPR-U10	1.0
3.5HP 3.5	1983-85		W20FP-U11	1.1
3.6HP 3.6	1980-82		W22FP-U10	1.0
3.9HP	1964-66		W20S-U	0.8
3.9HP 39	1967-68		W16FS-U	0.8
4HP	1969		W16FS-U	0.8
4HP	1970-74		SF-51	-
4HP 40	1976-79		W20FSR	0.8
4HP	1980-81		W22FP-U	0.8
4HP	1986-87		SF-51	-
4HP	1988-97		W22FP-U10	1.0
4HP 4	1991-97		W22FPR-U	1.0
4.5HP 4.5	1975-78		SF-51	-
4.5HP 4.5	1979-85		SF-51	-
5HP 5	1988-89		W22FP-U10	1.0
5HP 5	1990-93		W22FPR-U	1.0
6HP 6	1986		W22FP-U10	1.0
6HP 6	1987-92		TR24-10	1.0
8HP 8	1986		W22FP-U10	1.0
8HP 8	1987-92		TR24-10	1.0
9.9HP 9.9	1986		W22FP-U10	1.0
9.9HP 9.9	1987-92		TR24-10	1.0
9.9HP 9.9 4 Stroke (2 Cyl)	1995-97		U20FSR-U	0.9
10HP 10 Sea Pro (2 Cyl)	1991-97		W22FP-U	1.5
10HP 10 XR10 (2 Cyl)	1992-97		W22FP-U	1.5
15HP 15 (2 Cyl)	1989-97		W22FP-U	1.5
15HP 15 Sea Pro (2 Cyl)	1995-96		W22FP-U	1.0
15HP 15 Sea Pro (2 Cyl)	1997		W22FP-U	1.5
18HP 18	1980-83		W27FS-U10	1.0
18HP 18XD	1984-85		SF-50	-
20HP 200	1970-78		SF-51	-
20HP 20	1978-81		SF-51	-
20HP 20	1986-91		SF-50	-
20HP 20 Jet (2 Cyl)	1995-97		W24FP-L	0.8

Marine Engines (Outboard)

25HP 250		1980-83	SF-50	-
25HP 25XD		1984-85	SF-50	-
25HP		1986-92	SF-50	-
25HP 25 Sea-Pro		1992	SF-50	-
30HP 30 Sea-Pro (2 Cyl)		1995-97	W24FP-L	0.8
30HP 30 Jet (4 Cyl)		1995-97	SF-51	-
35HP 35		1967-69	W22FS-U/TR22	0.8
35HP 35		1984-91	SF-50	-
40HP 402		1970-78	SF-50	-
40HP 40 (2 Cyl.)		1979-83	SF-50	-
40HP 40 (4 Cyl.)		1989-93	SF-51	-
45HP 45		1986-89	SF-51	-
45HP 45 Bodensee (4 Cyl)		1995-97	X20EPR-U9	0.9
45HP 45 Jet (3 Cyl)		1995-97	W24FP-L	0.8
50HP 500SS		1968-69	SF-50	-
50HP 500		1970-75	SF-50	-
50HP 500		1976-78	SF-51	-
50HP 50		1979-85	SF-51	-
50HP 50		1986-90	SF-50	-
50HP 50		1991-97	SF-50	-
50HP 50 4 Stroke (4 Cyl)		1995-97	X20EPR-U9	0.9
55HP 55 Sea-Pro (3 Cyl)		1992-97	W24FP-L	0.8
60HP 600		1984-93	SF-50	-
60HP 60		1991-92	SF-50	-
60HP 60 Big Foot (3 Cyl)		1995-97	W24FP-L	0.8
60HP 60 Sea-Pro (3 Cyl)		1995-97	W24FP-L	0.8
65HP 650 SS		1967-69	SF-50	-
65HP 650		1970-76	SF-50	-
65HP 65 Jet (3 Cyl)		1995-97	SF-51	-
70HP 700		1977-78	SF-50	-
70HP 70		1979-83	SF-50	-
70HP 70		1987-88	SF-51	-
75HP 75		1984-93	SF-51	-
75HP 75 (3 Cyl)		1987-97	SF-51	-
75HP 75 Sea-Pro (3 Cyl)		1991-97	SF-51	-
80HP 800		1969	SF-50	-
80HP 800		1970-72	SF-50	-
80HP 800		1978	SF-51	-
80HP 80		1979-89	SF-51	-
80HP 80 Jet (4 Cyl)		1995-97	W24FP-L	0.8
85HP 850		1973-76	SF-50	-
85HP 850		1977	SF-51	-
90HP 900		1978	SF-50	-
90HP 90		1979-86	SF-50	-
90HP 90		1987-93	SF-51	-
100HP 1000BP, 1000SS		1968-69	SF-50	-
100HP 100 (4 Cyl)		1988-97	W24FP-L	0.8
105hp 105 Jet (6 Cyl)		1995-97	SF-24	-
115HP 1150		1970-78	SF-50	-
115HP 115 (4 Cyl)		1989-97	W24FP-L	0.8
115HP (6 Cyl.)		1979-89	SF-50	-
125HP 1250BP, 1250SS		1968-69	SF-50	-
125HP 125 (4 Cyl)		1994-97	W24FP-L	0.8
135HP 1350		1970-71	SF-50	-
135HP V-135		1986-90	SF-50	-
135HP 135		1991-93	SF-50	-
140HP		1972	SF-50	-
140HP 1400		1978	SF-50	-
140HP		1979-80	SF-50	-
140HP 140 Jet (6 Cyl)		1995-97	SF-24	-
150HP 1500		1973-78	SF-50	-
150HP V-150		1979-84	SF-50	-
150HP V-150, XR-2, XR-4		1985-93	SF-50	-
150HP 150XR6		1992-93	SF-50	-
150HP 150XRi		1993	SF-50	-
150HP 150		1991-97	SF-50	-
175HP 1750		1976-78	SF-50	-
175HP		1979-81	SF-50	-
175HP 175		1985	SF-50	-
175HP V-175		1986-90	SF-50	-
175HP 175XRi		1991-97	SF-50	-
175HP 175		1991-93	SF-50	-
200HP 2000		1978	SF-50	-

Marine Engines (Outboard)

200HP 200		1979-85	SF-50	-
200HP V-200		1986-90	SF-50	-
200HP 200XRi		1991-93	SF-50	-
200HP 200		1991-93	SF-50	-
220HP V-200		1987-88	SF-50	-
225HP 225		1980-81	SF-50	-
225HP XRI EFI V6		1995-97	W24FSR	0.9
250HP 250		1989-90	SF-50	-
250HP 250 XRii EFI V6		1995-97	W24FSR	0.9
275HP 275		1990-93	SF-50	-
300HP 300		1980-83	SF-50	-
300HP 3.4L		1984-86	SF-50	-
300HP 3.4L		1987-88	SF-50	-
Racing Engines				
Twister 11-x99 cu. in.			SF-50	-
650X 49 cu. in			SF-50	-
25SS 21.9 cu. in			SF-50	-
OMC				
(See EVINRUDE)				
PERKINS				
4.5HP		1962-65	WS20-U	0.7
6.0HP		1959-61	W20S-U	0.7
6.5HP		1962-65	W20S-U	0.7
16.0HP		1959-61	W16LS	0.7
18.0HP		1962-65	W16LS	0.7
30.0HP		1962-65	W20FS-U/TR20	0.7
35.0HP (18mm Head)		1959-60	W20FS-U/TR20	0.9
35.0HP (14mm Head)		1961	W20FS-U/TR20	0.7
40.0HP		1959-61	W20FS-U/TR20	0.7
40.0HP		1962-65	W20FS-U/TR20	0.7
SUZUKI				
DT2		1980-83	W16FSR	0.7
DT2		1984-85	W14FS-U	0.7
DT2		1986-90	W14FR-U	0.7
DT2 Com 80			W14F-U	0.7
DT2 Com		1981-83	W14FS-U	0.7
DT2 Com		1989-90	W16FS-U	0.7
DT2		1993-94	W16FSR	0.7
DT3.5		1980	W20FPR-U	0.7
DT3.5		1981	W20FP-U	0.7
DT3.5		1982	W20FSR	0.7
DT3.5		1983-84	W20FP-U	0.7
DT3.5 Com		1980	W20FP-U	0.7
DT4		1985	W20FP-U	0.7
DT4		1986-90	W16FP-U	0.7
DT4		1994	W16FPR-U	0.7
DT5		1980	W20FPR-U	0.7
DT5		1981-90	W20FP-U	0.7
DT5 Com		1980	W20FP-U	0.7
DT5		1993-94	W20FPR-U	0.9
DT5W		1981-83	W20FP-U	0.7
DT6		1986-88	W20FS-U/TR20	0.7
DT6		1990	W20FSU-10	1.0
DT8		1980	W20FSR	0.7
DT8		1981-90	W20FP-U	0.7
DT8 Com		1980	W20FP-U	0.7
DT8 C		1989-90	W20FSR-U10	1.0
DT8 C		1992-94	W20FSR-U10	1.0
DT9.9		1980	W20FSR	0.7
DT9.9		1981-83	W20FS-U/TR20	0.7
DT9.9		1984	W22FS-U/TR22	0.7
DT9.9		1986-88	W22FSR	0.7
DT9.9		1989-90	W22FSR-U10	1.0
DT9.9 Com		1980	W20FS-U/TR20	0.7
DT9.9 P		1980	W20FSR	0.7
DT9.9 P		1981-82	W20FS-U/TR20	0.7
DT9.9 P		1983	W20FP-U	0.7
DT9.9 P Com		1980	W20FS-U/TR20	0.7

Marine Engines (Outboard)

DT9.9 PE		1980	W20FSR	0.7
DT9.9 PE Com		1980	W20FS-U/TR20	0.7
DT9.9 E		1983	W22FSR	0.7
DT9.9 E		1984	W22FS-U/TR22	0.7
DT9.9 E		1986-88	W22FSR	0.7
DT9.9 C		1989-90	W20FSR-U10	1.0
DT9.9 K		1986-94	W20FS-U/TR20	0.7
DT15		1983	W22FSR	0.7
DT15		1984	W22FS-U/TR22	0.7
DT15		1986-88	W22FSR	0.7
DT15		1989-90	W22FSR-U10	1.0
DT16		1980	W22FSR	0.7
DT16		1981-83	W22FS-U/TR22	0.7
DT16 Com		1980	W22FS-U/TR22	0.7
DT16 P		1980	W22FSR	0.7
DT16 P		1981-83	W22FS-U/TR22	0.7
DT16 P Com		1980	W22FS-U/TR22	0.7
DT16 PE		1980	W22FSR	0.7
DT16 PE Com		1980	W22FS-U/TR22	0.7
DT20		1980	W22FSR	0.7
DT20		1986-88	W22FSR	0.7
DT20		1989-90	W22FSR-U10	1.0
DT20 Com		1980	W22FS-U/TR22	0.7
DT20 Com		1990	TR22-10	1.0
DT20 P		1980	W22FSR	0.7
DT20 P		1981-82	W22FS-U/TR22	0.7
DT20 P Com		1980	W22FS-U/TR22	0.7
DT20 PE		1980	W22FSR	0.7
DT20 PE Com		1980	W22FS-U/TR22	0.7
DT20		1993-94	W22FSR-U10	1.0
DT25		1980	W22FSR	0.7
DT25		1981-82	W22FS-U/TR22	0.7
DT25		1983	W22FSR	0.7
DT25		1984-85	W22FS-U/TR22	0.7
DT25		1986-88	W22FSR	0.7
DT25		1989-90	W22FSR-U10	1.0
DT25 Com		1980	W22FS-U/TR22	0.7
DT25 Com		1990	TR22-10	1.0
DT25 E		1980, 1986-88	W22FSR	0.7
DT25 E Com		1980	W22FS-U/TR22	0.7
DT25 ER		1983, 1986-88	W22FSR	0.7
DT25 ER		1984-85	W22FS-U/TR22	0.7
DT25 K/KR		1983	TR22-10	1.0
DT25 P/PE		1982	W22FS-U/TR22	0.7
DT25 W		1989	TR22-10	1.0
DT25 C (3)		1989-90	W22FSR-U10	1.0
DT28 P/E/W		1980	W22FSR	0.7
DT28 P/PE/W		1981	W22FS-U/TR22	0.7
DT28 P/PE/W. Com		1980	W22FS-U/TR22	0.7
DT28 E		1982	W22FS-U/TR22	0.7
DT30 C (3)		1989-90	W22FSR-U10	1.0
DT30 ER		1983, 1986-88	W22FSR	0.7
DT30 ER		1984-85	W22FS-U/TR22	0.7
DT30 ER		1989-90	W22FSR-U10	1.0
DT30 W		1989	TR22-10	1.0
DT35 E		1980-82	W24FSR	0.7
DT35 E		1986-87	W22FSR	0.7
DT35 E Com		1980	W24FS-U/TR24	0.7
DT35 M		1980-81	W24FSR	0.7
DT35 M Com		1980	W24FS-U/TR24	0.7
DT40		1982, 1989	W24FSR	0.7
DT40		1983	W22FSR	0.7
DT40 C/CR		1984-85	W24FS-U/TR24	0.7
DT40 C/CR		1986-90	W24FSR	0.7
DT40 E		1980, 1982-83	W24FSR	0.7
DT40 E		1981	W24FS-U/TR24	0.7
DT40 Com		1980-82	W24FS-U/TR24	0.7
DT40 K		1982-83	W22FS-U/TR22	0.7
DT40 M		1980-81	W24FSR	0.7
DT40 M Com		1980-81	W24FS-U/TR24	0.8
DT40 TC		1987	W24FSR	0.7
DT40 W		1989	W24FS-U/TR24	0.7
DT40 C, CR, TC		1994	W24FS-U10	1.0

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DT48 M		1989	W24FSU-10/TR24-10	1.0
DT50		1982	W24FS-U/TR24	0.8
DT50 DM		1980	W24FSR	0.7
DT50 DM		1981-84	W24FS-U/TR24	0.7
DT50 DM Com		1980	W24FS-U/TR24	0.7
DT50 E		1980	W24FSR	0.7
DT50 E		1981	W24FS-U/TR24	0.7
DT50 E Com		1980	W24FS-U/TR24	0.7
DT50 T		1982-83	W24FS-U/TR24	0.7
DT50 TC		1984-87	W24FS-U/TR24	0.7
DT50 ACR		1993-94	W24FS-U10	1.0
DT55 BTC		1985-90	W24FS-U/TR24	0.7
DT55 CR		1985-89	W24FS-U/TR24	0.7
DT55 M		1989	W24FSU-10/TR24-10	1.0
DT55 TC		1985-90	W24FS-U/TR24	0.7
DT55 C		1993	W24FSR	0.9
DT60		1983	W24FS-U/TR24	0.7
DT60 CR		1984-86	W24FS-U/TR24	0.7
DT60 TC		1983-86	W24FS-U/TR24	0.7
DT65		1982-83	W24FS-U/TR24	0.7
DT65 BTC		1989-90	W24FS-U/TR24	0.7
DT65 C		1993	W24FSR	0.9
DT65 CR		1985-89	W24FS-U/TR24	0.7
DT65 E		1980	W24FSR	0.7
DT65 E		1981	W24FS-U/TR24	0.7
DT65 Com		1980	W24FS-U/TR24	0.7
DT65 T		1982-83	W24FS-U/TR24	0.7
DT65 TC		1987-90	W24FS-U/TR24	0.7
DT65 TC		1994	W24FS-U10	1.0
DT65 TC		1993	W24FSR	0.9
DT 75		1983	W24FS-U/TR24	0.7
DT75 C	1983, 1985, 1989-90		W24FS-U/TR24	0.7
DT75 TC		1993	W24FSR	0.9
DT75 TC		1994	W24FS-U10	1.0
DT75 TC		1983-90	W24FS-U/TR24	0.7
DT75 M/W		1989-90	W24FS-U/TR24	0.7
DT85		1983	W24FS-U/TR24	0.7
DT85 Com		1980	W24FSR	0.7
DT85 CR		1984-90	W24FS-U/TR24	0.7
DT85 E		1980	W24FSR	0.7
DT85 E Com		1980	W24FSR	0.7
DT85 T		1980	W24FSR	0.7
DT85 T		1981-84	W24FS-U/TR24	0.7
DT85 TC		1981-90	W24FS-U/TR24	0.7
DT85 TC		1993	W24FSR	0.9
DT85MQ		1995-96	TR24-10/W24FS-U10	1.0
DT85 W		1989-90	W24FS-U/TR24	0.7
DT115		1981	W24FSR	0.7
DT115 T		1984	W24FS-U/TR24	0.7
DT115 TC		1982-90	W24FS-U/TR24	0.7
DT115, DT 115C		1991-93	W24FSR-U10	1.0
DT140		1981	W24FSR	0.7
DT140 T		1984	W24FS-U/TR24	0.7
DT140 TC		1982-90	W24FS-U/TR24	0.7
DT140, DT140C		1991-93	W24FSR-U10	1.0
DT150 TC		1986-88	W24FSU-10/TR24-10	1.0
DT150 TC		1989-90	W24FS-U10	1.0
DT175 TC		1989-90	W24FS-U10	1.0
DT200 S		1990	W24FS-U10	1.0
DT200 TC		1986-88	W24FSU-10/TR24-10	1.0
DT200 TC		1989-90	W24FS-U10	1.0
PU40		1994	W24FS-U10	1.0
PU55		1994	W24FS-U10	1.0
PU85		1994	W24FS-U10	1.0
PU140		1994	W24FS-U10	1.0
TANAKA				
Aqua Bug			W20M-U	0.6
Super Bug			W20M-U	0.6
TOB-12			W20M-U	0.6
TOB-25		1986 on	W20MR-U	0.6
TOB-25		to 1985	W20M-U	0.6

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TOB-120, TOB-175, TOB-300			W20MR-U	0.6
TOB-550			W22FPR-U	0.7
TOHATSU				
M2.5A			W20FP-U11	1.0
M3.5A		1986 on	W20FP-U11	1.0
M3.5A		to 1985	W22FS-U/TR22	0.6
M3.5B			W20FP-U11	1.0
M4B			W22FP-U10	1.0
M5A2, -S			W22FS-U/TR22	0.6
M5B, -S			W22FP-U10	1.0
M6B			W22FP-U10	1.0
M8A			W22FS-U/TR22	0.6
M8B			W22FP-U10	1.0
M9.9A			W22FS-U/TR22	0.6
M9.9B, -B2			TR22-10	1.0
M12A			W22FS-U/TR22	0.6
M12B			W22FS-U/TR22	0.6
M12C, -C2			TR22-10	1.0
M15A			W22FS-U/TR22	0.6
M15B, -B2, C, D			TR22-10	1.0
M16A2			W22FS-U/TR22	0.6
M18A			W22FS-U/TR22	0.6
M18AK			W22FP-U	0.6
M18C, -C2, D, E			TR22-10	1.0
M20A2			W22FS-U/TR22	0.6
M25A2			W22FS-U/TR22	0.6
M25B		1985 on	TR22-10	1.0
M25B		to 1984	W22FS-U/TR22	0.6
M25C, -C2			TR22-10	1.0
M30A		1986 on	TR22-10	1.0
M30A		to 1985	W22FS-U/TR22	0.6
M30A2		1985 on	TR22-10	1.0
M30A2		to 1984	W22FS-U/TR22	0.6
M30A3			TR22-10	1.0
M30AK			W22FP-U	0.6
M35B			TR22-10	1.0
M35C			TR22-10	1.0
M40C, D			TR22-10	1.0
M50C, D			W24FSU-10/TR24-10	1.0
M55A, -B			W24FSU-10/TR24-10	1.0
M60A			W24FSU-10/TR24-10	1.0
M60B			W24FSU-10/TR24-10	1.0
M70A, -A2			W24FSU-10/TR24-10	1.0
M70B			W24FSU-10/TR24-10	1.0
M90A			W24FSU-10/TR24-10	1.0
M120A			W24FSU-10/TR24-10	1.0
M140A			W24FSU-10/TR24-10	1.0
VOLVO-PENTA				
U22		to 1974	W20FS-U/TR20	0.5
35		to 1974	W20FS-U/TR20	0.5
39		1973-79	W20FS-U/TR20	0.5
40, 50, 50A		to 1974	W20FS-U/TR20	0.5
51		1975-78	W20FS-U/TR20	0.5
60		1978-79	W20FS-U/TR20	0.5
80		1971-74	W16FS-U	0.5
80		1978-79	W16FS-U	0.5
90		1971-79	W16FS-U	0.5
120		to 1974	W16FS-U	0.5
140		1972-79	W16FS-U	0.5
200		1975-79	SF-10	-
250		1975	SF-10	-
252		to 1974	W22FP-U	0.5
350		1975-76	W24FS-U/TR24	0.5
360		1971-74	W20FS-U/TR20	0.5
450		1971-74	W24FS-U/TR24	0.5
450		1975-76	SF-10	-
550x		to 1974	W24FS-U/TR24	0.5
600		1973-76	SF-10	-
700		1973-77	SF-10	-

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VOYAGER				
3.5HP		1961	W20S-U	0.8
1VA, 1VB, 2VA			M17	0.8
V2L, V2LL, V2N			M17	0.8
V3LGS, V3LLGS, V3NGS			W20S-U	0.8
V4GS			M17	0.8
V4LLGS, V4NGS			W20S-U	0.8
L6LLGS, V6NGS			W20S-U	0.8
YAMAHA				
2A			W20FS-U/TR20	0.6
2B		1987 on	W16FS-U	0.6
2B		to 1984	W16FS-U	0.6
2C			W22FS-U/TR22	0.6
2G			W16FS-U	0.6
2H, 2F			W16FS-U	0.6
2K		to 1984	W16FS-U	0.6
2Q, 2T			W16FS-U	0.6
3A			W20FSU-10	1.0
3D			W20FSU-10	1.0
3F			W20FSU-10	1.0
3G			W20FSU-10	1.0
3Q, 3T			W20FSU-10	1.0
3.5A, 3.5AC			W22FS-U/TR22	0.6
3.5AL			W22FS-U/TR22	0.6
4A			W22FS-U/TR22	0.6
4AC, 4AS			W22FS-U/TR22	0.6
4D			W22FS-U/TR22	0.6
4H, 4F			W22FS-U/TR22	0.6
4J			W22FS-U/TR22	0.6
4K			W22FS-U/TR22	0.6
4Q, 4T			W22FS-U/TR22	0.6
5A, 5AS			W22FS-U/TR22	0.6
5B, 5BS			W22FS-U/TR22	0.6
5C, 5CS			W22FS-U/TR22	0.6
5CK			W22FS-U/TR22	0.6
5J			W22FS-U/TR22	0.6
5K			W22FS-U/TR22	0.6
6A			W20FS-U/TR20	0.6
6B			W16FS-U	0.6
6C			TR22-10	1.0
6CEM			W22FSR-U10	1.0
6CM			TR22-10	1.0
6D			TR22-10	1.0
6DEM			W20FSR-U10	1.0
6DM			W20FSR-U10	1.0
6G			TR22-10	1.0
6H, 6F			TR22-10	1.0
6J			TR22-10	1.0
6Q, 6T			TR22-10	1.0
7A			W20FS-U/TR20	0.6
8A			W20FS-U/TR20	0.6
8B			W22FS-U/TR22	0.6
8BK			W20FS-U/TR20	0.6
8C			TR22-10	1.0
8CEM			TR22-10	1.0
8CM			TR22-10	1.0
8D			TR22-10	1.0
8G			TR22-10	1.0
8H, 8F			TR22-10	1.0
8J			TR22-10	1.0
8K			TR22-10	1.0
8Q, 8T			TR22-10	1.0
E8D			W22FS-U/TR22	0.6
E8D CDI			TR22-10	0.6
E8DK			W20FS-U/TR20	0.6
E8FK			TR22-10	1.0
F8A, F8B		1987 on	U16FSR-U	0.6
F8A, F8B		to 1985	U20FSR-U	0.6
F8AEM			U16FSR-U	0.6
F8AM			U16FSR-U	0.6
F8BE			U16FSR-U	0.6

Marine Engines (Outboard)

F8BM			U16FSR-U	0.6
9A			W20FS-U/TR20	0.6
9.5A			W22FS-U/TR22	0.6
9.9A, 9.9B			U20FS-U	0.6
9.9B, 9.9BE			W22FS-U/TR22	0.6
9.9C, 9.9CE, 9.9CPE			W22FS-U/TR22	0.6
9.9D			TR22-10	1.0
9.9DE, 9.9DPE			TR22-10	1.0
9.9EF			TR22-10	1.0
9.9H, 9.9F			TR22-10	1.0
9.9G			TR22-10	1.0
9.9K			TR22-10	1.0
9.9Q, 9.9T			TR22-10	1.0
E9.9B			W22FS-U/TR22	0.6
E9.9B CDI			TR22-10	1.0
E9.9B		1994	U20FSR-U	0.6
F9.9AE			U20FS-U	0.6
F9.9AEM			U20FSR-U	0.6
F9.9AM			U20FS-U	0.6
F9.9BE			U20FSR-U	0.6
F9.9BEM			U20FSR-U	0.6
F9.9BM			U20FSR-U	0.6
F9.9F			U20FSR-U	0.6
F9.9H			U20FS-U	0.6
F9.9J			U20FSR-U	0.6
F9.9K, FT9.9K			U20FSR-U	0.6
F9.9Q, F9.9T			U20FSR-U	0.6
FT9.9D, ED			U20FSR-U	0.6
FT9.9F			U20FSR-U	0.6
FT9.9EF			U20FSR-U	0.6
FT9.9H			U20FS-U	0.6
FT9.9G			U20FS-U	0.6
FT9.9J			U20FSR-U	0.6
T9.9Q			U20FSR-U	0.6
12A			W22FS-U/TR22	0.6
15A, 15B			W22FS-U/TR22	0.6
15D, ED			TR22-10	1.0
15DE, 15DM			TR22-10	1.0
15EF			TR22-10	1.0
15EG			TR22-10	1.0
15G			TR22-10	1.0
15GK			TR22-10	1.0
15H, 15F			TR22-10	1.0
15J			TR22-10	1.0
15K			TR22-10	1.0
15Q, 15T			TR22-10	1.0
E15A			W22FS-U/TR22	0.6
E15AK			W20FS-U/TR20	0.6
E15B			W22FS-U/TR22	0.6
E15B CDI			TR22-10	1.0
E15F			W22FS-U/TR22	0.6
E15FK			W20FS-U/TR20	0.6
E15HK, E15JK			TR22-10	1.0
E15GK			TR22-10	1.0
15B, 15BE			W22FS-U/TR22	0.6
15C, 15CE, 15CPE			W22FS-U/TR22	0.6
15D, 15DE, 15DPE			TR22-10	1.0
20A, 20AE			W20FS-U/TR20	0.6
20B, 20BE, 20BMK			W20FS-U/TR20	0.6
20C			W22FS-U/TR22	0.6
20CE			W22FS-U/TR22	0.6
20CM			W22FS-U/TR22	0.6
20D			TR22-10	1.0
20DEM			W22FSR-U10	1.0
20DEO			W22FSR-U10	1.0
20DM			TR22-10	1.0
20DMO			W22FSR-U10	1.0
20G			W22FSR-U10	1.0
20H			W22FS-U/TR22	0.6
20J			W22FSR-U10	1.0
20K			W22FSR-U10	1.0
20Q, 20T			W22FSR-U10	1.0
C20Q			W22FSR	0.6

Marine Engines (Outboard)

E20FK			W20FS-U/TR20	0.6
25A, 25AE, 25AF			W22FS-U/TR22	0.6
25B, 25BE			W22FS-U/TR22	0.6
25C, 25CE			W22FS-U/TR22	0.6
25CMK			W22FS-U/TR22	0.6
25D			W22FS-U/TR22	0.6
25DE, 25DM			W22FS-U/TR22	0.6
25DEM			TR22-10	1.0
25ED			TR22-10	1.0
25EF, 25EG			TR22-10	1.0
25G		1988	TR22-10	1.0
25G		to 1987	W22FS-U/TR22	0.6
25H, 25F			TR22-10	1.0
25J			TR22-10	1.0
25JEO			W22FSR-U10	1.0
25JMO			W22FSR-U10	1.0
25K			TR22-10	1.0
25N			TR22-10	1.0
25NE			TR22-10	1.0
25NEMO			TR22-10	1.0
25NEO			W22FSR-U10	1.0
25NM			TR22-10	1.0
25NMO			TR22-10	1.0
25Q, 25T			TR22-10	1.0
C25Q			W22FS-U/TR22	0.6
E25F			W22FS-U/TR22	0.6
E25FK			W22FS-U/TR22	0.6
E25J			W22FSR	0.6
E25K			W22FSR	0.6
28A, 28AE			W22FS-U/TR22	0.6
30A, 30AE, 30AM, 30B, 30BM			W22FS-U/TR22	0.6
30AEM			W22FS-U/TR22	0.6
30D			TR22-10	1.0
30DE			TR22-10	1.0
30DEO			TR22-10	1.0
30DM			TR22-10	1.0
30DMO			TR22-10	1.0
30DO			TR22-10	1.0
30DRO			W22FSR-U10	1.0
30ED, EF			TR22-10	1.0
30EG			TR22-10	1.0
30G			TR22-10	1.0
30H, 30F			TR22-10	1.0
30J			W22FSR-U10	1.0
30K			TR22-10	1.0
30Q, 30T			TR22-10	1.0
C30Q			W22FS-U/TR22	0.6
E30C			W22FS-U/TR22	0.6
E30D			W22FSR	0.6
E30F			W22FS-U/TR22	0.6
E30H			W22FSR	0.6
E30Q			W22FSR	0.6
40AE, 40AM, 40AR			W24FS-U/TR24	0.6
40BE, 40BM, 40BR			W24FS-U/TR24	0.6
40C, 40CE, 40CM			W24FS-U/TR24	0.6
40D, 40DE, 40DM, 40DR		to 1989	W24FS-U/TR24	0.6
40D, ED, EDT		1990	W22FSR-U10	1.0
40ETF			TR22-10	1.0
40FE			TR22-10	1.0
40G			TR22-10	1.0
40H, 40F			W22FSR-U10	1.0
40HE			TR22-10	1.0
40HEG			TR22-10	1.0
40HEO			TR22-10	1.0
40HM			TR22-10	1.0
40HMO			TR22-10	1.0
40HEPO			TR22-10	1.0
40HO			TR22-10	1.0
40HR			W22FSR-U10	1.0
40HRO			W22FSR-U10	1.0
40J			W22FS-U/TR22	0.6
40JM			W22FS-U/TR22	0.6
40K			TR22-10	1.0

Marine Engines (Outboard)

40MH			W22FSR-U10	1.0
40SG-JD			TR22-10	1.0
40Q, 40T			TR22-10	1.0
40QM, QE			W24FSR	0.6
C40Q			W24FS-U/TR24	0.6
E40D, F			W22FSR	0.6
E40G			W22FS-U/TR22	0.6
E40GK, 49GMK			W22FS-U/TR22	0.6
E40JM, JEM			W22FS-U/TR22	0.6
E40J			W22FSR	0.6
E40K			W22FSR	0.6
E40NK			TR22-10	1.0
E40Q			W22FSR	0.6
48A, 48B			W22FS-U/TR22	0.6
E48C			W22FS-U/TR22	0.6
50C			W24FS-U/TR24	0.6
50CE			W24FSU-10/TR24-10	1.0
50D			W24FSU-10/TR24-10	1.0
50DE			W24FSU-10/TR24-10	1.0
50DEO			W24FSU-10/TR24-10	1.0
50DETO, 50DEPO			W24FSU-10/TR24-10	1.0
50DO			W24FSU-10/TR24-10	1.0
50DR			W24FSU-10/TR24-10	1.0
50DRO			W24FS-U10	1.0
560DTO			W24FSU-10/TR24-10	1.0
50D, ED, EF			W24FSU-10/TR24-10	1.0
50EG			W24FSU-10/TR24-10	1.0
50EGT			W24FS-U10	1.0
50ETF			W24FSU-10/TR24-10	1.0
50ESG-JD			W24FSU-10/TR24-10	1.0
50H			W24FSU-10/TR24-10	1.0
50J			W24FSU-10/TR24-10	1.0
50K			W24FSU-10/TR24-10	1.0
50Q, 50T			W24FSU-10/TR24-10	1.0
P50Q			W24FSU-10/TR24-10	1.0
Pro 50H			W24FSU-10/TR24-10	1.0
55AE		1979	W24FSU-10/TR24-10	1.0
55AE		to 1978	W24FS-U/TR24	0.6
55AEM, 55AM, 55AW			W24FS-U/TR24	0.6
55BC		1988	W24FS-U10	1.0
55B, 55BE			W24FSU-10/TR24-10	1.0
55BM, 55BW			W24FS-U/TR24	0.6
C55Q			W24FSU-10/TR24-10	1.0
E55C			W22FS-U/TR22	0.6
60AE		1979	W24FSU-10/TR24-10	1.0
60AE		to 1978	W24FS-U/TR24	0.6
60B, 60BE			W24FSU-10/TR24-10	1.0
60CE, 60CET			W24FSU-10/TR24-10	1.0
60DE			W24FSU-10/TR24-10	1.0
60F			W24FSU-10/TR24-10	1.0
60FE			W24FSU-10/TR24-10	1.0
60FEO			W24FSU-10/TR24-10	1.0
60FETO			W24FSU-10/TR24-10	1.0
60FO			W24FSU-10/TR24-10	1.0
E60EF			W24FS-U10	1.0
E60F			W24FS-U10	1.0
E60G			W24FS-U10	1.0
E60H			W24FSU-10/TR24-10	1.0
E60HE			W24FSU-10/TR24-10	1.0
E60HEM			W24FSU-10/TR24-10	1.0
E60HM			W24FSU-10/TR24-10	1.0
E60Q, E60T			W24FS-U10	1.0
P60Q			W24FSU-10/TR24-10	1.0
70B			W24FSU-10/TR24-10	1.0
70BEO			W24FS-U10	1.0
70BO			W24FSU-10/TR24-10	1.0
70BETO			W24FSU-10/TR24-10	1.0
70C			W24FS-U10	1.0
70CE			W24FSU-10/TR24-10	1.0
70ETD, ETF			W24FSU-10/TR24-10	1.0
70ETO			W24FSU-10/TR24-10	1.0
70G			W24FSU-10/TR24-10	1.0
70H			W24FSU-10/TR24-10	1.0

Marine Engines (Outboard)

70J			W24FSU-10/TR24-10	1.0
70K			W24FSU-10/TR24-10	1.0
70Q, 70T			W24FS-U10	1.0
75A, 75AE, 75AET			W24FSU-10/TR24-10	1.0
75AEM		1988 on	W24FSU-10/TR24-10	1.0
75AM, 75AR, 75AEM		to 1987	W24FS-U/TR24	0.6
E75B, E75BR			W24FS-U/TR24	0.6
E75DR			W24FSU-10/TR24-10	1.0
E75Q, E75T			W24FS-U10	1.0
80A, AE			W24FSU-10/TR24-10	1.0
80AEO			W24FS-U10	1.0
80AETO			W24FSU-10/TR24-10	1.0
80AO			W24FSU-10/TR24-10	1.0
85A			W24FSU-10/TR24-10	1.0
85AE, 85AET			W24FSU-10/TR24-10	1.0
C85Q, C85T			W24FSU-10/TR24-10	1.0
90A			W24FSU-10/TR24-10	1.0
90AE			W24FSU-10/TR24-10	1.0
90AEO			W24FS-U10	1.0
90AET			W24FSU-10/TR24-10	1.0
90AETO			W24FSU-10/TR24-10	1.0
90AO			W24FSU-10/TR24-10	1.0
90ETD, ETF			W24FSU-10/TR24-10	1.0
90ETLG-JD			W24FSU-10/TR24-10	1.0
90G			W24FSU-10/TR24-10	1.0
90H			W24FSU-10/TR24-10	1.0
90J			W24FSU-10/TR24-10	1.0
90K			W24FSU-10/TR24-10	1.0
90Q, 90T			W24FS-U10	1.0
115A			W24FSU-10/TR24-10	1.0
115AE, AEM			W24FS-U10	1.0
115AEO			W24FSU-10/TR24-10	1.0
115AE, 115AET, 115AETO			W24FSU-10/TR24-10	1.0
115AO			W24FSU-10/TR24-10	1.0
115BETO			W24FSU-10/TR24-10	1.0
115C, CEO, CETO			W24FS-U10	1.0
115ETF			W24FSU-10/TR24-10	1.0
115ETLG-JD			W24FSU-10/TR24-10	1.0
115G			W24FSU-10/TR24-10	1.0
115H			W24FSU-10/TR24-10	1.0
115J			W24FSU-10/TR24-10	1.0
115K			W24FSU-10/TR24-10	1.0
115Q, 115T			W24FSU-10/TR24-10	1.0
C115Q			W24FSU-10/TR24-10	1.0
P125A, P125AG			W20FS-U/TR20	0.6
130AETO			W27FS-U10	1.0
130BETO			W27FS-U10	1.0
130ETF			W27FS-U10	1.0
130G			W27FS-U10	1.0
130Q, 130T			W27FS-U10	1.0
L130BETO			W27FSR-U10	1.0
L130ETD, ETF			W27FS-U10	1.0
L130Q, L130T			W27FS-U10	1.0
140A			W24FSU-10/TR24-10	1.0
140AET			W24FSU-10/TR24-10	1.0
140AO			W24FSU-10/TR24-10	1.0
140B, C			W27FS-U10	1.0
140BETO			W27FS-U10	1.0
140CETO			W27FS-U10	1.0
L140BETO			W27FS-U10	1.0
L140C			W27FS-U10	1.0
L140CETO			W27FS-U10	1.0
150A		1987 on	W24FSU-10/TR24-10	1.0
150A		to 1985	TR22-10	1.0
150AET			W24FSU-10/TR24-10	1.0
150AETO			W24FSU-10/TR24-10	1.0
150AO			W24FSU-10/TR24-10	1.0
150B			W24FSU-10/TR24-10	1.0
150BETO			W24FSU-10/TR24-10	1.0
150C			W24FSU-10/TR24-10	1.0
150CETO, D, ETD, ETF			W24FSU-10/TR24-10	1.0
150H			W24FSU-10/TR24-10	1.0
150J			W24FSU-10/TR24-10	1.0

Marine Engines (Outboard)

150K			TR22-10	1.0
150Q, 150T			W24FSU-10/TR24-10	1.0
L150A			W24FSU-10/TR24-10	1.0
L150AET			W24FSU-10/TR24-10	1.0
L150AETO, CETO			W24FSU-10/TR24-10	1.0
L150C			W24FSU-10/TR24-10	1.0
L150G			W24FSU-10/TR24-10	1.0
L150ETF			W24FSU-10/TR24-10	1.0
L150H			W24FSU-10/TR24-10	1.0
L150J			W24FSU-10/TR24-10	1.0
L150Q, L150T			W24FSU-10/TR24-10	1.0
P150Q			W24FSU-10/TR24-10	1.0
Pro-V150H			W24FSU-10/TR24-10	1.0
Pro-V150F			W24FSU-10/TR24-10	1.0
Pro-V150G			W24FSU-10/TR24-10	1.0
Pro-V150J			W24FSU-10/TR24-10	1.0
175A			W24FSU-10/TR24-10	1.0
175AET			W24FSU-10/TR24-10	1.0
175AETO, BETO			W24FSU-10/TR24-10	1.0
175AO			W24FSU-10/TR24-10	1.0
175B			W24FSU-10/TR24-10	1.0
175ETD, ETF			W24FSU-10/TR24-10	1.0
175G			W24FSU-10/TR24-10	1.0
175K			W24FSU-10/TR24-10	1.0
175Q, 175T			W24FSU-10/TR24-10	1.0
200A			W24FSU-10/TR24-10	1.0
200AET			W24FSU-10/TR24-10	1.0
200AETO, BETO			W24FSU-10/TR24-10	1.0
200AO			W24FSU-10/TR24-10	1.0
200B			W24FSU-10/TR24-10	1.0
200ETD, ETF			W24FSU-10/TR24-10	1.0
200ETG-JD			W24FSU-10/TR24-10	1.0
200G			W24FSU-10/TR24-10	1.0
200K			W24FSU-10/TR24-10	1.0
200Q, 200T			W24FSU-10/TR24-10	1.0
L200A			W24FSU-10/TR24-10	1.0
L200AET			W24FSU-10/TR24-10	1.0
L200AETO, BETO			W24FSU-10/TR24-10	1.0
L200B			W24FSU-10/TR24-10	1.0
L200ETD, ETF			W24FSU-10/TR24-10	1.0
L200G			W24FSU-10/TR24-10	1.0
L200H			W24FSU-10/TR24-10	1.0
L200Q, L200T			W24FSU-10/TR24-10	1.0
P200Q			W27FS-U10	1.0
220A			W24FS-U10	1.0
220AET			W24FS-U10	1.0
220AETO, BETO			W27FSR-U10	1.0
220AO			W24FS-U10	1.0
225AO, BETO, ETD			W27FSR-U10	1.0
225B			W27FSR-U10	1.0
225ETF			W27FSR-U10	1.0
225Q, 225T			W27FSR-U10	1.0
250A			W24FS-U10	1.0
250Q, 250T			W24FS-U10	1.0
L250A			W24FS-U10	1.0
L250Q			W24FS-U10	1.0
MJ500S, MJ500T			W22FS-U/TR22	0.6
WJ500, WJ500F	1989		W22FS-U/TR22	0.6
WR500, WR500F	1989		W22FS-U/TR22	0.6
WJ500			W24FS-U/TR24	0.6
WR500			W24FS-U/TR24	0.6
V-6 Excel			W27FSR-U10	1.0
V-6 Special			W27FS-U10	1.0

Marine Engines (Inboard)

Model		Denso	
		Plug Type	mm
BLMC			
850 Sea Prince 2912cc		W20EP-U	0.6
950		W20ES-U	0.6
1100 Vedette		W20ESR-U	0.6
1678, 3000cc		W20ES-U	0.6
CHEVROLET			
6 Cylinder Engines			
194 cu. in.	1964-69	W16EPR-U	0.8
230 cu. in.	1962-69	W16EPR-U	0.8
230 cu. in.	1970	T20R-U	0.9
250 cu. in.	1962-69	W16EPR-U	0.8
250 cu. in.	1970-78	T16PR-U	0.9
292 cu. in.	1963-69	W20ESR-U	0.8
292 cu. in.	1970-90	T20R-U	0.9
V-8 Engines			
283 cu. in.	1955-67	W16PR-U	0.9
302 cu. in.	1967-69	W16PR-U	0.9
307 cu. in.	1968-70	W16PR-U	0.9
307 cu. in.	1971-73	T20R-U	0.9
327 cu. in.	1961-69	W20SR-U	0.9
350 cu. in. (2 Bbl.)	1967-70	W16PR-U	0.9
350 cu. in. (4 Bbl.)	1970	W16PR-U	0.9
350 cu. in.	1971-90	T20R-U	0.9
400 cu. in.	1970	W16PR-U	0.9
400 cu. in.	1971-90	T20R-U	0.9
427 cu. in.	1971-72	T20P-U	0.9
427 cu. in.	1973-90	T20R-U	0.9
454 cu. in.	1979-90	T20R-U	0.9
Chris-Craft			
A, B, BA, C, H, K, KB Regular Heads		W20S-U	0.7
A, B, BA, C, H, K, KB Alum. Heads		W16LS	0.7
KBL, KC, KFL, KL, KLC Regular Heads		W20S-U	0.7
KBL, KC, KFL, KL, KLC Alum. Heads		W16LS	0.7
LC, LD, M, MB, MBL Regular Heads		W20S-U	0.7
LC, LD, M, MB, MBL Alum. Heads		W16LS	0.7
MC, MCL, ML, W, WB Regular Heads		W20S-U	0.7
MC, MCL, ML, W, WB Alum. Heads		W16LS	0.7
153		W20ESR-U	0.9
181 Through S/N 603191		W20ESR-U	0.9
181 From S/N 603192		T20PR-U	0.9
225		W20P-U	0.9
283, 302, 307, 327 Gasket Heads		W20S-U	0.6
307, 350, 454 Tapered Seats		T20PR-U	0.6
Chrysler			
4 Cyl. M91D, M91F		W20EP-U	0.9
4 Cyl. M122A, M122B		W22FS-U/TR22	0.9
6 Cyl. M46-3, M46-4, M46S-3		W20SR-U	0.9
6 Cyl. M47-3, M47-4, M47S-3		W20SR-U	0.9
6 Cyl. M170		W20ESR-U	0.9
6 Cyl. M183B		W22FS-U/TR22	0.9
6 Cyl. M225A, M225GD, MH225D		W20ESR-U	0.9
6 Cyl. M225D	1976 on	T20PR-U	0.9
6 Cyl. M225D	to 1975	W20ESR-U	0.9
6 Cyl. M265, M265A		W20SR-U	0.9
V-8 LM318A, LM318AC, LM318B		W20EPR-U	0.9
V-8 LM318BC, LM318BJ, LM318BT		W20EPR-U	0.9
V-8 LM318BV, LM318D		W20EPR-U	0.9
V-8 LM340B, LM340BJ, LM340BT		W20EPR-U	0.9
V-8 LM340BV		W20EPR-U	0.9
V-8 M44, M44-3		W20SR-U	0.9
V-8 M45, M45-3, M45S, M45S-3		W20ESR-U	0.9
V-8 M45SP-3		W20ESR-U	0.9
V-8 M80		W20PR-U	0.9
V-8 M81		W20ESR-U	0.9
V-8 M273A, M273B, M273BT		W20EPR-U	0.9
V-8 M318A, M318B, M318C, M318GD		W20PR-U	0.9
V-8 M360B, M360BC, M360BJ		W20EPR-U	0.9
V-8 M360BT, M360BV		W20EPR-U	0.9
V-8 M383B, M383BV		W20PR-U	0.9

Marine Engines (Inboard)

V-8 M400B, M400BV, M400S			W20PR-U	0.9
V-8 M-413B, M413D			W20PR-U	0.9
V-8 M413E			W20ESR-U	0.9
CHRYSLER VOLVO				
110, 115, 120, 130, 165, 170			W22FS-U/TR22	0.7
CLAE				
Bantam 3&4 HP			M17	0.8
Clae C35, 35A			W20S-U	0.8
Clae Holden 25/50 using 3/8" Reach			W16P-U	0.8
Falcon Conversion			MA16P-U	0.8
Fisherman Six 5/6 HP			M17	0.8
Fisherman Ten 10/12 HP			M17	0.8
Holden Conversion using 3/4" Reach			W16EP-U	0.8
Valiant Conversion			W20ES-U	0.8
CLIMAX				
98 cu. in.			W20EPR-U	0.8
460 cu. in.			MA20PR-U	0.8
CRUSADER				
200 cu. in.		1979	T20P-U	0.9
229 cu. in.		1979-80	T20P-U	0.9
229 cu. in.		1981-84	T20PR-U	0.9
292 cu. in.		1971-80	T20P-U	0.9
305 cu. in.		1976-80	T20P-U	0.5
305 cu. in.		1981-84	T20R-U	0.9
350 cu. in.		1971-80	T20P-U	0.9
350 cu. in.		1981-84	T20R-U	0.9
427 cu. in.		1968-80	W22FP-U	0.9
454 cu. in.		1972-80	T20P-U	0.9
454 cu. in.		1981-84	T20R-U	0.9
Charger Series				
CS185, CS220, CS250			W20S-U	0.6
CS280			W20ES-U	0.6
320			W20ES-U	0.6
Boat Builder Series				
185, 190, 220, 230, 250			W20S-U	0.6
280			W20ES-U	0.9
Mark 140, 170, 200, 225			W20S-U	0.6
Models 170J, 185, 200J, 210, 230, 230J			W20S-U	0.6
Mark 275, 300, 325			W22S-U	0.8
Mark 240, Model 280			W20ES-U	0.8
CS100, CS150, CS165, CS280			W20ES-U	0.8
CS180, CS220, CS250, CM, Cadillac			W20S-U	0.8
CS320			W20ES-U	0.8
FORD (AUST. & USA)				
18mm Head			M17	0.8
Falcon Conversion			MA16P-U	0.9
OHV 272, 292 cu. in. V-8			MA20P-U	0.8
67, 98 cu. in.			W20EPR-U	0.8
104 cu. in.			W16EPR-U	0.8
158, 201 cu. in.			W20ES-U	0.8
172 cu. in.			W16LS	0.8
250 cu. in.			MA20R-U	0.9
302, 351, 460 cu. in.		1975-89	T16PR-U	0.9
302, 351W, 427 cu. in.		to 1974	MA20R-U	0.9
427, 429 cu. in.		1975-89	T16PR-U	0.9
477 cu. in.		to 1976	MA20R-U	0.9
477 cu. in.		1977-81	MA20R-U	0.9
534 cu. in.			MA20R-U	0.9
FORD (ENGLISH)				
18mm Head			M17	0.8
112E, 115E, 125E, 3004E			W16ES-U	0.8
Anglia OHV 105-E, 109-E			W16ES-U	0.8
Consul			W16EP-U	0.8
Side Valve 4 Cyl.			W20FS-U/TR20	0.8
Zephyr			W16EP-U	0.8

Marine Engines (Inboard)

HOLDEN (CONVERSION)			
All 3/8" Reach Head Models		W16P-U	0.8
All 1/2" Reach Tapered Seat Models		T20P-U	0.9
All 3/4" Reach Head Models		W20EP-U	0.9
INTERCEPTOR			
144 Continuous High Speed		MA20P-U	0.8
144 (Side Draft Carb.)		MA16P-U	0.8
260		MA20P-U	0.8
270 (Side Draft Carb.)		MA16P-U	0.8
302		MA20P-U	0.8
390		MA20P-U	0.8
427, 400HP Normal Operation		MA20P-U	0.8
V4 104, V6 122		W22FP-U	0.8
JOHNSON			
(See also OMC)			
CU Series 153 cu. in. 110-120HP		W20ES-U	0.9
DU Series 89 cu. in. 88-90HP		W24S-U	0.8
HU Series 225 cu. in. 150-155HP		W20P-U	0.9
KU Series 283 cu. in. 185HP		W20S-U	0.9
NU Series 1600cc 80-90HP		W20EP-U	0.8
SU Series 153, cu. in. 110-120HP		W20ES-U	0.9
KAWASAKI (JET-SKI)			
JS300-B1, JS300SX		W22ESR-U	0.8
JS400-A3, JS440-A1, JS440-A2		W22ESR-U	0.8
JS550-A5, SC, XS		W24ESR-U	0.8
JB650-A1, TS, X2		W24ESR-U	0.8
JF650-A1, JS650SX		W24ESR-U	0.8
JH750, JS, JT, SS		W24ESR-U	0.8
JET MATE (650cc)		W22ESR-U	0.8
300cc JS300-B1, JS300SX		W22ESR-U	0.8
400cc JS400-A3		W22ESR-U	0.8
440cc JS440-A1, JS440-A2		W22ESR-U	0.8
550cc JS550-A5, SC, XS		W24ESR-U	0.8
650cc JB650-A1, TS, X2		W22ESR-U	0.8
650cc JF650-A1, JS650SX		W22ESR-U	0.8
750cc JH750, JS, JT, SS		W24ESR-U	0.8
MERCUISER			
Stern Drive Engines			
2.5L (Formerly 120)		T20R-U	0.9
3.0L LX Models	1991 - 93	T16EPR-U	0.9
3.0L (Formerly 140)		T20R-U	0.9
3.7L 165 (Formerly 170)		T20PR-U	0.9
3.7L 180 (Formerly 190)		T20PR-U	0.9
4.3L 175 (Formerly 185)		T20R-U	0.9
4.3L 205, 205MR		T20R-U	0.9
5.0L 200 (Formerly 898)		T20R-U	0.9
5.0L 230 (Formerly 228)		T20R-U	0.9
5.7L 350 Magnum		T20R-U	0.9
5.7L 260		T20R-U	0.9
7.4L 454		T20R-U	0.9
7.5L 330 TR		T20R-U	0.9
7.5L 330 TRS		T20R-U	0.9
7.5L 454 Magnum		T20R-U	0.9
8.2L 502		WW22FS-U	0.9
60		W20FS-U/TR20	0.6
80		W20EP-U	0.6
90		W20EPR-U	0.8
110, 140-6, 150, 160, 200		W20ESR-U	0.9
120 Ser. No. 3825579 on		T20R-U	0.9
120 to Ser. No. 3825578		W20ESR-U	0.9
140-4 Ser. No. 3826283 on		T20R-U	0.9
140-4 to Ser. No. 3826282		W20ESR-U	0.9
140-6		W20ESR-U	0.9
150		T20R-U	0.9
160		W20ESR-U	0.9
165 Ser. No. 2771484 on		T20R-U	0.9
165 to Ser. No. 2771483		W20ESR-U	0.9
170 (Formerly 470)		T20PR-U	0.9

Marine Engines (Inboard)

175			T20R-U	0.9
180			T20R-U	0.9
185			T20R-U	0.9
190			W20SR-U	0.9
200			W20ESR-U	0.9
225 to Ser. No. 2278646			W22S-U	0.9
225 to Ser. No. 2278647-3385720			W20SR-U	0.9
228, 228TR			T20R-U	0.9
230			T20R-U	0.9
233 18mm Heads			MA20R-U	0.8
233 14mm Heads			T16PR-U	0.8
250 Ser. No. 4708000 on			T20R-U	0.9
255 Ser. No. 4175500 on			T16PR-U	0.9
280			T16PR-U	0.9
310			W22ES-U	0.9
320 EFI Alpha one/SS			T20R-U	0.9
7.5L 330TR, 330TRS			T20R-U	0.9
330TR, 330TRS			T20R-U	0.9
350 Magnum			T20R-U	0.9
370, 400			T20R-U	0.9
370TRS			T20R-U	0.9
420TRS			T20R-U	0.9
470			T20PR-U	0.9
485, 488			T20PR-U	0.9
575 III SSM			T20R-U	0.9
888 Ser. No. 4169597 (14mm Heads)			T16PR-U	0.8
898			T20R-U	0.9
Inboard Engines				
5.7 Ski			T20R-U	0.9
198			T20R-U	0.9
228, 230			T20R-U	0.9
233 14mm Heads			T16PR-U	0.9
255 Ser. No. 4175500 on			T16PR-U	0.9
260			T20R-U	0.9
270 14mm Tapered Seat			T20R-U	0.9
330 Ser. No. 4890180 on			T20R-U	0.9
335 Ser. No. 4890180 on			T20R-U	0.9
340			T20R-U	0.9
Jet 400			T20R-U	0.9
470			T20PR-U	0.9
502 Magnum			T20R-U	0.9
OMC				
Stern Drive Engines				
2.3L			T16PR-U	0.9
3.0L		1990-94	T16PR-U11	1.1
3.0 HO		1990-94	T16EPR-U	1.1
4.3L Cobra		1987-94	T20R-U	0.9
4.3L HO		1991-94	T20R-U	0.9
5.0L Cobra		1987-94	T20R-U	0.9
5.0L EFI		1993	T20R-U	0.9
5.0L EFI		1994	T20EPR-U	1.1
5.0L HO		1989-94	T20R-U	0.9
5.7L		1990-92	T20R-U	0.9
5.8L Cobra		1989-94	T20R-U	0.9
5.8L EFI		1993-94	T20EPR-U	1.1
7.5L King Cobra			T20PR-U	0.9
1973-84 All Models Tapered Seat 14mm			T20R-U	0.9
1974 All Models Tapered Seat 18mm			MA20R-U	0.8
1973-74 All Models 19.0mm (3/4") Reach			W20ES-U	0.9
Model 480			W24S-U	0.8
CU Series			W20ES-U	0.9
DU Series			W24S-U	0.8
GU Series			W20ES-U	0.9
HU Series			W20P-U	0.9
JU Series			T20R-U	0.9
KU Series			W20S-U	0.9
LU Series			W20ES-U	0.9
NU Series			W20EP-U	0.6
SU Series			W20ES-U	0.9
TU -14, -15, -16			W20P-U	0.9
TU -17 and up			W20S-U	0.9

Marine Engines (Inboard)

TU -20, -21			T20R-U	0.9
XU 20C			T20R-U	0.9
XU 20S			W20S-U	0.9
Inboard Engines				
All Models		1974-84	T20R-U	0.9
AJ, AT, TJ, TT 14mm 3/8" Reach Heads			W20S-U	0.9
AJ, AT, TJ, TT 14mm, Tapered Seat			T20R-U	0.9
Sail Drive			W22FP-U	1.1
Sea Drive			SF-10	-
Sail Drive 15HP (31.8 cu. in.)			W20FS-U/TR20	0.8
ROLLS-ROYCE				
LM841			W16ES-U	0.9
V-8 Engine			W16ES-U	0.6
SIMPLEX (AUST)				
15HP Marine Ford Conversion			W16FS-U	0.8
VOLVO-PENTA				
AQ60F			W16FS-U	0.9
AQ80			W20S-U	0.7
AQ90			W20FS-U/TR20	0.7
AQ95, AQ95A			W20FP-U	0.7
AQ100			W20FP-U	0.7
AQ105A			W22FP-U	0.7
AQ110			W22FP-U	0.7
AQ115A, AQ115B			W22FP-U	0.7
AQ120A, AQ120B			W22FP-U	0.7
AQ125, AQ125A			W20EP-U	0.7
AQ130, -A, -B, -C, -D			W22FP-U	0.7
AQ140			W22EP-U	0.7
AQ140A			W20ES-U	0.7
AQ145, AQ145A			W20EP-U	0.8
AQ150, -A, -B			W20P-U	0.9
AQ155A			W20P-U	0.9
AQ165A			W22FP-U	0.7
AQ170, -A, -B, -C			W22FP-U	0.7
AQ175, AQ175A			T20R-U	0.7
AQ180			W20S-U	0.7
AQ190A			MA20R-U	0.7
AQ200, -A, -B, -C, -D			T20PR-U	0.7
AQ210A # 177315 on			T20PR-U	0.7
AQ210A to # 177314			W20S-U	0.7
AQ225, -A, -B, -C, -D			T20PR-U	0.7
AQ240A			T20PR-U	0.7
AQ260, AQ260A			T20R-U	0.7
AQ280A			T20R-U	0.7
AQ290, AQ290A			T20R-U	0.7
B16A, B16C			W20S-U	0.7
B18A, B18C			W20FS-U/TR20	0.7
BB25			W20S-U	0.7
BB30B			W20FS-U/TR20	0.7
BB30F			W16FS-U	0.9
BB70			W20S-U	0.7
BB100, BB100A			W20FS-U/TR20	0.7
BB115A, -B, -C			W22FP-U	0.7
BB140			W20EP-U	0.9
BB140A			W24EP-U	0.7
BB145			W20EP-U	0.9
BB145C			W24EP-U	0.7
BB165A			W22FP-U	0.7
BB170A, -B			W22FP-U	0.7
BB225			TR20-U	0.9
BB260			TR20-U	0.9
C2, C5, C10, C23			M17	0.7
EC6, EC61			M17	0.7
ED6, EF4			W20S-U	0.7
F1, F11, F12, F12A			M17	0.7
K1, K2, K11, K21, K22			M17	0.7
L2, L4, L6, L41			M17	0.7
MB2			X16FSR-U	0.7
MB10, -A			W20FP-U	0.7

Marine Engines (Inboard)

MB16A			W20S-U	0.7
MB18F			W16FS-U	0.7
MB20A			W20FP-U	0.7
MB20B, MB20C			W14F-U	0.7
MB36A, MB36B			W20S-U	0.7
MB50S			X16FSR-U	0.7
MB100S			W20FP-U	0.7
PZ-200 1/0			T20R-U	0.9
WEST-BEND				
Shark-O-Matic			W22S-U	0.8
WISCONSIN				
ABM, AEM, AKM, TFM, VH4M			M17	0.6
YAMAHA				
Stern Drive Engines				
3.0L L4		EST 1990-91	T20R-U	0.9
4.3L V6		1989-92	T20R-U	0.9
5.0L V8		1989-92	T20R-U	0.9
5.8L V8		1989-92	T20R-U	0.9
Personal Watercraft				
Super Jet (SJ650)		1990-93	W24FSR	0.6
Wave Jammer (WJ500)		1987-90	W22FSR-U10	1.0
Wave Runner (WR500)		1987-93	W22FSR-U10	1.0
Wave Runner (WR650LX)			W24FSR	0.6
Wave Runner III		1990-93	W24FSR	0.6

Comm, Station & Gas Engines

Model	Denso	
	Plug Type	mm
ALLIS-CHALMERS		
Petrol		
G-138, G-149, G-160 Model 14 Power Units	W20S-U	0.6
G-226 (3/8" Reach)	W20S-U	0.7
G-226 (3/4" Reach), G-262	W16ES-U	0.6
P1879, PC-1879, PC-2505, PCS-2505	M17	0.6
Natural and LP-Gas		
G-138, G-149 Model 14 Power Units	W20S-U	0.5
G-160	W24S-U	0.5
G-226 (3/8" Reach)	W20S-U	0.5
G-226 (3/4" Reach) G-262	W24ES-U	0.5
Low Grade Fuel		
G-226 (3/8" Reach), W-201	W14-US	0.7
G-226 (3/4" Reach)	W14EP-U	0.7
AUSTIN		
14mm Heads 12.7mm (1/2" Reach)	W20FS-U/TR20	0.5
14mm Heads 19.0mm (3/4" Reach)	W16ES-U	0.5
18mm Heads	M17	0.5
BMC INDUSTRIAL		
2.2L	W20ES-U	0.6
4L	W20ES-U	0.6
1500cc - 1958	W20ES-U	0.6
1500cc 1959 -	W22ES-U	0.6
1622cc	W20EP-U	0.6
18mm	M17	0.5
14mm Short Reach	W16FS-U	0.6
BOLENS		
GK Model 960	M17	0.5
BRIGGS & STRATTON		
2.0HP 60100, 60102	W20M-U	0.7
2.5HP 80100	W20M-U	0.7
3.0HP 62032, 80200, 80202	W20M-U	0.7
3.0HP 80300, 81200, 81300	W20M-U	0.7
3.0HP 92500, 94500	W20M-U	0.7
3.0HP 92900, 94900	W20M-U	0.7
3.5HP 93500, 95500	W20M-U	0.7
4.0HP 100500, 100202	W20M-U	0.7
4.0HP 100900, 110700, 110900	W20M-U	0.7
4.0HP 111200, 111900, 112200	W20M-U	0.7
4.0HP 113900	W20M-U	0.7
5.0HP 130200, 130202	W20M-U	0.7
5.0HP 130900, 131200	W20M-U	0.7
5.0HP 131400, 131900	W20M-U	0.7
5.0HP 132200, 132900	W20M-U	0.7
6.0HP 146400, 146700	W20M-U	0.7
7.0HP 170400, 170402	W20M-U	0.7
7.0HP 170700, 171400	W20M-U	0.7
8.0HP 190400, 190402	W20M-U	0.7
8.0HP 190700, 191700	W20M-U	0.7
8.0HP 192700, 193700	W20M-U	0.7
8.0HP 15400, 200400	W20M-U	0.7
9.0HP 233400	W20M-U	0.7
10.0HP 220400, 220700	W20M-U	0.7
10.0HP 221430, 222400	W20M-U	0.7
10.0HP 243400, 243430	W20M-U	0.7
10.0HP 251400, 251700	W20M-U	0.7
11.0HP 252400, 252410	W20M-U	0.7
11.0HP 252412, 252700	W20M-U	0.7
11.0HP 253400, 253700	W20M-U	0.7
12.5HP 404707	W20SR-U	0.7
13.0HP 302430	W20M-U	0.7
14.0HP 400437, 400707	W20SR-U	0.7
16.0HP 326430	W20S-U	0.7
16.0HP 410417, 401707	W20SR-U	0.7
16.0HP 401400, 401700	W20SR-U	0.7
16.0HP 402400, 402417, 402431	W20SR-U	0.7

Comm, Station & Gas Engines

16.0HP 402437, 402707		W20SR-U	0.7
18.0HP 421400, 421700		W20SR-U	0.7
18.0HP 422400, 422431, 422437		W20SR-U	0.7
18.0HP 422700, 422707		W20SR-U	0.7
Older Models. 14mm Head		W20M-U	0.7
Older Models. 18mm Head		M17	0.7
BRITISH LEYLAND			
2.2L : Petrol		W14E	0.6
B.S.A.			
SV Eng. Chore Horse		W14-US	0.5
50cc, 65cc, 80cc, 90cc		W16FS-U	0.5
119cc, 120cc, 150cc		W14E	0.5
18mm (LP-Gas Engines)		M17	0.5
14mm		W20ES-U	0.5
OHV Engines			
120cc, 200cc		W16FS-U	0.5
250cc Twin		W20FS-U/TR20	0.5
2-Stroke		W16FS-U	0.5
BULTACO			
Agriculture/Stationary Engine		W24ES-U	0.6
CASE			
Petrol			
159G, 188G, 301G, 377G, A-284, A-377		M17	0.6
Natural and LP-Gas			
159G, 188G, 301G, 377G, A-284, A-377		M17	0.4
CATERPILLAR			
Starting Engines			
14mm Heads			
824, 834, D2, D4		W14P-U	0.7
1404 w/Hercules Engine G1600		W20S-U	0.6
D4C, D6B		W16P-U	0.6
D6, D7, D8, D9, RD4		W14P-U	0.7
DW15, DW20, DW21		W14P-U	0.7
T30B, T40B		W16P-U	0.9
T35B, T45B, T55B, V30C		W16P-U	0.9
T50B, T60B		W16P-U	0.9
V35C, V40C, V45C, V50C		W16P-U	0.9
18mm Heads			
824, 834, D2, D4		M17	0.6
D6, D7, D8, D9, RD4		M17	0.6
DW10, DW15, DW20, DW21		M17	0.6
Starting Engines For Diesels			
14mm Heads			
800G, D1300 (Special)		W20S-U	0.6
D311, D315, D318, D320, D326		W14P-U	0.7
D318 (Special)		W20M-U	0.6
D330, D333		W16P-U	0.7
D337, D339, D342, D343, D353, D375		W14P-U	0.7
D379, D397, D398, D3400, D4400, D4600		W14P-U	0.7
D6600, D7700, D8800		W14P-U	0.7
D11000, D13000, D17000		W14P-U	0.7
18mm Heads			
D311, D315, D318, D320, D326, D337		M17	0.6
D339, D342, D343, D353, D375, D379		M17	0.6
D397, D398, D3400, D4400, D4460		M17	0.6
D6600, D7700, D8800		M17	0.6
D11000, D13000, D17000		M17	0.6
CHRYSLER POWER BEE			
2.0HP 50056		W20M-U	0.8
3.0HP 51001		W20S-U	0.8
3.0HP 51005, 51007, 51009, 51011		W14-U10	1.0
3.3HP 50052, 50054		W20M-U	0.8
4.0HP 58011		W16LS	0.8
4.0HP 58021		W20S-U	0.8
4.0HP 58023, 58029, 58031		W14-U10	1.0
4.0HP 58033, 58035		W14-U10	1.0

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4.0HP 58037		W20S-U	0.8
4.0HP 58039, 58041, 58043, 58045		W14-U10	1.0
4.0HP 58047, 48049, 58051, 58053		W14-U10	1.0
4.25HP 50000, 50002, 50004, 50006		W14-U10	1.0
4.25HP 50012, 50014		W14-U10	1.0
4.7HP 61010		W20FS-U/TR20	0.8
5.0HP 70019, 70033, 70037, 70039		W14-U10	1.0
5.0HP 70041		W14-U10	1.0
5.5HP 61005, 61006		W20FS-U/TR20	0.8
6.2HP 82005, 82006, 82009, 82017		W20FS-U/TR20	0.8
6.2HP 82019, 82021, 82023		W20FS-U/TR20	0.8
6.5HP 82008, 82010		W20FS-U/TR20	0.8
6.7HP 82007, 82011, 82029, 82031		W20FS-U/TR20	0.8
7.0HP 82003, 82026, 82027		W20FS-U/TR20	0.8
7.0HP 82030		W16FS-U	0.8
7.0HP 82032, 82033, 82034, 82036		W20FS-U/TR20	0.8
7.5HP 61001, 61002		W20FS-U/TR20	0.8
8.0HP 61012		W20FS-U/TR20	0.8
10.0HP 82001, 82002, 82038, 82039		W20FS-U/TR20	0.8
CLIMAX			
Petrol			
Blue Streak C-61, N-4B (14mm Heads)		W20S-U	0.6
C46, C66, C96, C133, CE46, CE66, CE81		M17	0.6
CE96, CE101, CE106, CE264		M17	0.4
R4U, R6U, R8U, R8B-1 18 mm Heads		M17	0.4
R41, R61, R81, T, U 18mm Heads		M17	0.4
V-80, V-85, V-122, V-125		M17	0.4
Natural Gas			
N4B (14mm Heads)		W20S-U	0.6
CLINTON			
100, V-100, VS-100, 190, 200		W16LS	0.6
405, 406, 407, 408, 409, 410, 411		W16LS	0.6
412, 413, 492, 494, 498, 499		W20S-U	0.6
411, 414, 415, 416, 418		W16LS	0.6
419, 420, 422, 424, 426, 429		W16LS	0.6
431, 435, 437, 1600, A-1600		W16LS	0.6
502, 503		W16P-U	0.6
1690, A-2100, VS-2100, 2190		W16LS	0.6
2500, A-2500, B-2500, 2590		W16LS	0.6
2790, 3100, V-3100, AV-3100		W16LS	0.6
A-200, AVS-400, CVS-400		W16LS	0.6
A-300, C-700, D-700, VS-900		W20S-U	0.6
AVS-200, 2100, 4190		W16LS	0.6
BVS-400, 401, 402, 403, 404		W16LS	0.6
E-65		W20M-U	0.6
V-1000, VS100, V-1100		W20S-U	0.6
VS-200, A-400, VS-400, 500, 501		W9-U	0.6
VS-1100, 1200, A-1200, V-1200		W20S-U	0.6
B-1290, VS-300		W20S-U	0.6
VS-3100, AVS-3100, 3190, 4100		W16LS	0.6
VS-4100, AVS-4100		W16LS	0.6
COBRA			
Tamper		W20FS-U/TR20	0.6
CONTINENTAL			
Petrol			
700, 800, 900, 1100, 1200		W20S-U	0.6
AA, AC, AD, AU, AV, AW		W20S-U	0.6
B371, B405, B427, B6371, B6405, B6427		M17	0.6
E223, F124, F135, F140, F162, F163		M17	0.6
F186, F209, F226, F227, F244, F245		M17	0.6
F4124, F4140, F4162, F4163, F6226		M17	0.6
F6227, F6224, F6245		M17	0.6
F06226		W16EP-U	0.7
G134, G157, G176		M17	0.6
G193		W20S-U	0.6
H227, H243, H260, H277, J382, J403		M17	0.6
K6271, K6298, K6330, K6363 14mm Heads		W20S-U	0.6
K6271, K6298, K6330, K6363 18mm Heads		M17	0.6

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K6290 (14mm Heads), L6478, V8603	W20S-U	0.6
M271, M290, M330, M363	M17	0.6
M6271, M6290, M6330, M6363	M17	0.6
N56, N62, N4062, NA62, OS202	M17	0.6
R513, R572, R602	M17	0.6
R688-46, R800-46, R810-46, R839-46	T20P-U	0.6
R6513, R6572, R6602, U6501 14mm Heads	W20S-U	0.6
R6513, R6572, R6602, U6501 18mm Heads	M17	0.6
RS542, S749, S820, S6749, S6820	M17	0.6
TC56, T274, T371, T6371, T6427, TS415	M17	0.6
TM27	W20EPR-U	0.6
U-501	M17	0.6
Y69, Y91, Y112, Y4069, Y4091, Y4112	M17	0.6
Z106, Z120, ZA120, ZA129, Z134	M17	0.6
Natural and LP-Gas		
B371, B427, E223, F124, F226, F224	M17	0.5
G193	W20S-U	0.5
H260, H277, J382, J403, M271, M290	M17	0.5
M330, M363, R513, R572, R602, S749	M17	0.5
S820, T247, T371, U501, Y69, Y91, Y112	M17	0.5
Z129, Z134	M17	0.5
DANARM		
Cultivator	W20S-U	0.7
Sprayer	W20FS-U/TR20	0.5
Generators		
with Wisconsin Robin Eng.	W20FS-U/TR20	0.6
with Briggs & Stratton Eng.	W20M-U	0.6
DITCH WITCH		
C4, C7, C77, J20, V30	M17	0.6
C9, M4, M422, H12, J4	M17	0.6
C49, C99, 1500 (Wisc. AENLD)	M17	0.6
H18, J20, w/TJD	M17	0.6
K3, R30, V30, (Wisc. VH4D Eng.)	M17	0.6
Models w/Briggs & Stratton	W20M-U	0.6
Models w/Onan NHC-MS	T16EPR-U	0.6
Models w/Wisc. AGBD, AGND, AENLD	M17	0.6
Models w/Wisc. BKN, AENL	M17	0.6
Models w/Wisc. VH4D	M17	0.6
R40 (Cont. F163)	M17	0.6
R40 (Ford 192 Eng.)	W16LS	0.6
R40 (Wisc. VG4D Eng.)	M17	0.6
R60 (Wisc. V461D)	W16EP-U	0.6
R65 (Ford 192 Eng.)	W16LS	0.6
VP12 w/Onan NHC	W20ES-U	0.6
1810 w/Kohler K361, K321	W16LS	0.6
1810, V4 w/Wisc. TJD	M17	0.6
2200 (Wisc. TJD Eng.)	M17	0.6
6510, R65 (Wisc. V465D Eng.)	W16EP-U	0.6
6510 w/Perkins 203 CID	W16EP-U	0.6
DYNAPAC		
OG-11, CK-20, CM-10, CM-20	M17	0.7
CC-10, CK-11, CM-21, DD-18	M17	0.7
CO-16	W14L	0.7
Tamper (Robin EY13 Eng.)	W20FS-U/TR20	0.6
ERRUT		
(See FUJI-ROBIN)		
FIAT		
Totem (903cc, 127)	W22EP-U	0.4
FORD		
Petrol		
67, 98, 104 cu. in.	W20EPR-U	0.7
91, 120, 134, 172, 192 cu. in.	W16LS	0.6
140 cu. in.	T16EPR-U	0.9
144, 170 cu. in.	MA16P-U	0.9
158, 175, 201, 256 cu. in.	W16ES-U	0.6
200, 240, 250, 262, 292, 300 cu. in.	MA20R-U	0.8

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223, 272 cu. in.		MA20P-U	0.8
302, 351, 370, 429, 460 cu. in.		T20PR-U	0.9
330, 332, 361, 391, 401, cu. in.		MA20R-U	0.8
477, 534 cu. in. - 1976		MA20R-U	0.9
LP-Gas			
91, 120, 134, 172, 192 cu. in.		W16LS	0.5
FUJI HEAVY INDUSTRIES			
EC05-2, EC06		W20FS-U/TR20	0.6
EC07-2, EC25, EC25-2		W20FS-U/TR20	0.6
EC10		W14-US	0.6
EC13V		W20M-U	0.6
EC17		W14F-U	0.6
EC25-2PG, EC25-3PG		W16FP-U	0.6
EC37-3		W20FS-U/TR20	0.6
EH30, EH34, EH43		W20EP-U	0.6
EH11, EH15, EH21		W20EP-U	0.8
EW67, EW100		W20EPR-U	0.7
EY08, EY15V, EY20V		W14M-U/W14MR-U	0.6
EY13, EY14, EY15, EY18		W20FS-U/TR20	0.6
EY14K, EY15K, EY18-3K, EY20K, EY23		W14FP-UL	0.6
EY20, EY21, EY25, EY27, EY28		W20FS-U/TR20	0.6
EY21		W14F-U	0.6
EY25-2K, EY27-2K, EY28K, EY40K, EY44K		W14FP-UL	0.6
EY33, EY35 (Point Ign.)		W20FS-U/TR20	0.6
EY35 (Electronic Ign.), EY40 (Electronic Ign.)		W14FP-UL	0.6
EY40 (Point Ign.) EY44, EY88		W20FS-U/TR20	0.6
EY45V		W20MP-U	0.6
EY80-3		W14FP-UL	0.6
LC26		W22FS-U/TR22	0.6
LG072, LG102, LG152		W20FS-U/TR20	0.6
LG080		W14MR-U	0.6
LG120, LG180		W20FSR	0.6
LG201, LG301, LG301D		W20FS-U/TR20	0.6
LGK102, LGK152		W14FP-UL	0.6
LGK120, LGK180		W14FPR-L	0.6
R600, R650		W14MR-U	0.6
R1200, RGX180		W20FS-U/TR20	0.6
RGX1800		W20FSR	0.6
RG10C, RG10D, RG15		W20FS-U/TR20	0.6
RG17, RG17D, RG25, RG25D		W20FS-U/TR20	0.6
RG121C, RG121DC, RG151C		W20FS-U/TR20	0.6
RG201, RG201D		W20FS-U/TR20	0.6
RGK161, RGK301, RGK300, RGK300D		W14FP-UL	0.6
RGX240, RGX240D		W20FS-U/TR20	0.6
RGX305, RGX305D		W20FS-U/TR20	0.6
RGX405, RGX405D, RGX505, RGX505D		W14FP-UL	0.6
RGX450, RGX450D		W14FP-UL	0.6
RGX2400		W20FSR	0.6
SL550, SL680HS		W20FS-U/TR20	0.6
SL650		T20P-U	0.6
SL902HS		W20EP-U	0.6
Brand : Polaris			
EC25-PF		W24EPR-U	0.6
EC25-PS		W24ESR-U	0.6
EC25-2PG		W16FSR	0.6
EC34, EC40, EC44, EC50, EC60, EC65		W27ESR-U	0.6
FUJI-MOTOR			
Other Farm Equipment			
4C, 5C		W20S-U	0.6
F-405, 4E		W22S-U	0.6
G-2A		W20M-U	0.6
G-3C, GF-31B, 45B, 31C		W20FS-U/TR20	0.6
G-4D, 7D, 10B		W20S-U	0.6
FUJI-ROBIN			
Fire Fighting Pump			
P303		W22ES-U	0.6
P407 (R) P, R408 (R) P		W22FS-U/TR22	0.6
P508 (R) P, R509 (R) P		W22FS-U/TR22	0.6
Generator			

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EC02A		W22M-U	0.7
EC04-3		W22FS-U/TR22	0.7
Industrial Engines			
EC01A, EC01E, EC01ER, EC01R		W22M-U	0.6
EC02, EC02A/E/EH/EHR/ER/R		W22M-U	0.6
EC03, EC04, EC03-2, EC03-2E, EC04-3E		W22FS-U/TR22	0.6
EC03E, EC04E		W22MP-U	0.7
EC05, EC06, EC07, EC05-2B/D		W20FS-U/TR20	0.6
EC06AB/AD, EC06B, EC06D, EC07-2B/D		W20FS-U/TR20	0.6
EC08B, EC08D		W22FS-U/TR22	0.6
FA51		W20S-U	0.6
FG14 III		W20FS-U/TR20	0.6
KE51, KH51		W20S-U	0.6
KM51, KM61		W22S-U	0.6
Miscellaneous			
CB04		W22FS-U/TR22	0.6
CB411, CB412		W22MP-U	0.6
FL4D		W22FS-U/TR22	0.6
FL40		W22FS-U/TR22	0.7
PR06		W20FS-U/TR20	0.7
PR08		W22FS-U/TR22	0.7
R12P		W22FS-U/TR22	0.6
RC04, RC04-2A		W22FS-U/TR22	0.6
RC04A/4C		W22FS-U/TR22	0.7
RC07, RC07A		W22FS-U/TR22	0.6
Power Duster			
FB04		W22FS-U/TR22	0.6
NF03, NF04, NF03-2AD, NF04-SA/SB		W22FS-U/TR22	0.6
NF351		W22MP-U	0.7
NF411		W22MP-U	0.7
NF511		W22MP-U	0.7
FH03, FH04, FH03-3A, FH04-2A		W22FS-U/TR22	0.6
RS02, RS02B		W22M-U	0.6
RS03, RS03-3A, RS04, RS04-2A		W22FS-U/TR22	0.6
PS04		W22FS-U/TR22	0.6
Pump			
SD04, SD04-2B		W22FS-U/TR22	0.6
SD06, SD06-B		W20FS-U/TR20	0.6
SP06B		W20FS-U/TR20	0.7
Brand : Wisconsin Robin			
EY15, EY18, EY20, EY25, EY27, EY44		W20FS-U/W20FSR/TR20	0.6
HOMELITE			
AP215, AP220, AP315, AP320		W20M-U	0.6
Blower		W20M-U	0.6
Ditcher SXL		W22M-U	0.6
Garden Tractor		W20M-U	0.6
Garden Tractor w/KT 17 Kohler		T14PR-U	0.6
String Trimmer		WA20M-U/T20M-U	0.6
Tillers		W20S-U	0.6
XLS1-1/2, XLS2, FP-150		W22M-U	0.6
111S1.5, 11S2, 11SU1.5		W20M-U	0.6
Pumps			
using Briggs & Stratton Eng.		W20M-U	0.6
using Homelite Eng.		W20S-U	0.6
Sprayers			
HB680 Sprayer		WA20M-U/T20M-U	0.6
HONDA			
Generator			
E80, E100, E300, E400		U20M-U	0.6
E600		U20FS-U	0.6
E900		U20FS-U	0.6
E1500 (G42)		W20FS-U/TR20	0.6
E1500 (G200)		W14F-U	0.6
E1500 (G200) with CDI		W14FP-UL10	1.0
E1500K4		W14FR-U	0.6
E2000		W20FS-U/TR20	0.6
E2500		W20FS-U/TR20	0.6
E2500 (G300)		W14F-U	0.6
E2500 (G300) with CDI		W14FP-UL10	1.0
E2500K4		W14FR-U	0.6

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E2800		W20FS-U/TR20	0.6
E3500 (G400)		W14F-U	0.6
E3500 (G400) with CDI		W14FP-UL10	1.0
E3500K1/K2		W14FR-U	0.6
E4500 (G400)		W14FP-UL10	1.0
EB1200X		W20EPR-U	0.7
EB1300X		W20EP-U	0.7
EB1400X		W20EPR-U	0.7
EB1500X		W20EPR-U	0.7
EB1600		W14FPR-L	0.6
EB1800X		W20EPR-U	0.7
EB2200X		W20EPR-U	0.7
EB3000X		W16EPR-U	0.7
EB3500X		W20EPR-U	0.7
EB4000		W14FR-U	0.6
EB4500		W20EPR-U	0.7
EB5000		W20EPR-U	0.7
EBK2500K1		W14FR-U	0.6
EBK2600		W14FR-U	0.6
EBK3600, -K1		W14FR-U	0.6
EC1000		W14FR-U	0.6
EC1500 (G42)		W20FS-U/TR20	0.6
EC1500 (G200)		W14F-U	0.6
EC1500 (G200) with CDI		W14FP-UL10	1.0
EC1500K4		W14FR-U	0.6
ECK1500		W14FR-U	0.6
ED250		U20M-U	0.6
ED300 1984 -		W14MPR-U10	1.0
ED300 - 1983		W20MPR-U10	1.0
ED300K1		W20MPR-U10	1.0
ED400		W14MR-U	0.6
ED1000 (G42)		W20FSR	0.6
ED100X		W20EPR-U	0.7
EF1000K		W14FR-U	0.6
EG550		W14MR-U	0.6
EG650		W14MR-U	0.6
EG850		W14FR-U	0.6
EG850X		W20EPR-U	0.7
EG850Z		W14FR-U	0.6
EG1000 (G28)		U20FS-U	0.6
EG1000 (G35)		W20FSR	0.6
EG1000X		W20EPR-U	0.7
EG1000Z		W14FR-U	0.6
EG1200		W14FR-U	0.6
EG1200X		W20EPR-U	0.7
EG1200Z		W14FR-U	0.6
EG1400		W20EP-U	0.6
EG1400X		W20EPR-U	0.6
EG1400Z		W14FR-U	0.6
EG1500		W14FR-U	0.6
EG1500 (G42)		W20FS-U/TR20	0.6
EG1500 (G200)		W14F-U	0.6
EG1500 (G200) with CDI		W14FP-UL10	1.0
EG1500X		W20EPR-U	0.7
EG1500Z		W14FR-U	0.6
EG1800		W14FR-U	0.6
EG1800X		W20EPR-U	0.7
EG1800Z		W14FR-U	0.6
EG1900X		W20EP-U	0.7
EG1900Z		W14FR-U	0.6
EG2000X		W20EPR-U	0.7
EG2200X, EG2200XK1		W20EPR-U	0.7
EG2200Z		W14FR-U	0.6
EG3000X		W16EPR-U	0.7
EG3500X		W20EPR-U	0.7
EG4500, EG4500XK1		W20EPR-U	0.7
EG5000		W20EPR-U	0.7
EGK600		W14M-U	0.7
EGK1000		W14FR-U	0.6
EGK1500		W14FR-U	0.6
EGK2600, -K1		W14FR-U	0.6
EGK3600, -K1		W14FR-U	0.6
EJ-3		W20FPR-U	0.7

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EL80		U20M-U	0.6
EL5000		W20FPR-U10	1.0
EL5000 with CDI		W20FPR-U10	1.0
EL1500K1		W20FPR-U10	1.0
EM300		U20M-U	0.6
EM400 10mm Heads		U20M-U	0.6
EM400 14mm Heads		W20MPR-U10	1.0
EM500 1984 -		W14MPR-U10	1.0
EM500 - 1983		W20MPR-U10	1.0
EM500K1		W20MPR-U10	1.0
EM600		W14MPR-U10	1.0
EM650		W14MR-U	0.7
EM1200X		W20EPR-U	0.7
EM1400X		W20EPR-U	0.7
EM1500X, EM1500XK1		W20EPR-U	0.7
EM1600		W14FR-U	0.6
EM1800X		W20EPR-U	0.7
EM1900X		W20EPR-U	0.7
EM2200X, EM2200XK1		W20EPR-U	0.7
EM3000		W20ES-U	0.6
EM3000SX		W16EPR-U	0.7
EM3000X, EM3000XK1		W16EPR-U	0.7
EM3000SX		W16EPR-U	0.7
EM3500X		W16EPR-U	0.7
EM4500		W20EPR-U	0.7
EM4500SX		W20EPR-U	0.7
EM5000		W20EPR-U	0.7
EM5000XS		W20EPR-U	0.7
EMK1600		W14FPR-L	0.6
EMK2000		W14FPR-L	0.6
ES3500 (G80)		W20FSR	0.6
ES3500 (G400)		W14F-U	0.6
ES3500 (G400) with CDI		W14FP-UL10	1.0
ES3500K1/K2		W14FR-U	0.6
ES4500 (G400)		W14FP-UL10	1.0
ES5500		W20FPR-U10	1.0
ES5500K1		W20FPR-U10	1.0
ES6500		W20FPR-U10	1.0
ES6500K1		W20FPR-U10	1.0
ET4500 (G400)		W14FP-UL10	1.0
ET4500SX		W20EPR-U	0.7
ET5000		W20ES-U	0.6
ET5000Z		W20FPR-U	0.7
EV3600		W20FPR-U10	1.0
EV3610		W20FPR-U	0.7
EV4000		W20FPR-U10	1.0
EV4010		W20FPR-U	0.7
EV5010		W20FPR-U	0.7
EV6010		W14FPR-L	0.7
EW140		W16EPR-U	0.7
EW170		W14FR-U	0.7
EW171		W16EPR-U	0.7
EX350		W20MR-U	0.6
EX400		W20MPR-U10	1.0
EX500 1984 -		W14MPR-U10	1.0
EX500 - 1983		W20MPR-U10	1.0
EX500K1		W20MPR-U10	1.0
EX550		W20FPR-U10	1.0
EX550K1		W20FPR-U10	1.0
EX650		W14MR-U	0.6
EX900		W14FR-U	0.7
EX1000		W14FR-U	0.7
EX1900		W20EPR-U	0.7
EX190X		W20EPR-U	0.7
EX2200		W20EPR-U	0.7
EX2200X		W20EPR-U	0.7
EX3000 1990		W20MR-U	0.6
EX3000 1989		W20EPR-U	0.7
EX3000S		W20EPR-U	0.7
EX3300S		W20EPR-U	0.7
EX4000		W20EPR-U	0.7
EX4000S		W20EPR-U	0.7
EX5500, EX5500K1		W20FPR-U10	1.0

Pump Engines			
W10, W15, WL20		U20FS-U	0.6
W20, W30		W20FS-U/TR20	0.6
WA10, WA15, WA15C		W14MR-U	0.6
WA20 (G150)		W14FR-U	0.6
WA20 (G150) with CDI		W14FP-UL10	1.0
WA20K1		W14FR-U	0.6
WA20X		W20EPR-U	0.8
WA30 (G200)		W14FR-U	0.6
WA30 (G200) with CDI		W14FP-UL10	1.0
WA30X		W20EPR-U	0.8
WAK20, WAK30		W14FR-U	0.6
WB10, WB15		W14MR-U	0.8
WB20X, WB30X		W20EPR-U	0.8
NBK20, NBK30		W14F-U	0.6
WD20X, WD30X		W20EPR-U	0.7
WD20XK1		W20EPR-U	0.8
WD30XK1		W20EPR-U	0.8
WH15X, WH20X		W20EPR-U	0.7
WT20, WT30 - 1988		W14FR-U	0.6
WT20XK1		W20EPR-U	0.8
WT30XK1		W20EPR-U	0.8
WA20XK1, WT30XK1		W20ESR-U	0.7
WT40X 1989		W20EPR-U11	1.1
WT40X - 1988		W20EPR-U	0.7
Industrial Engines			
G3T, G25, G28		U20FS-U	0.6
G20, G30, GB30, G35, GV35		W20FS-U/TR20	0.6
G40, GB40, G42, G45		W20FS-U/TR20	0.6
G41, GT50, GS50AC, GT65		W14F-U	0.6
G50, GK50, G65, GK65, GS65		W20FS-U/TR20	0.6
G100		W14M-U	0.6
G100K1		W14MR-U	0.6
G100 with CDI		W14MP-U10	1.0
G150, G200		W14F-U	0.6
G150, G200 with CDI		W14FP-UL10	1.0
G150S/W/L, G200S/W/L		W14FR-U	0.6
G300, G400		W14F-U	0.6
G300, G400 with CDI		W14FP-UL10	1.0
GK200		W14F-U	0.6
GK200 with CDI		W14FP-UL10	1.0
GK200K1		W14F-U	0.6
GK300		W14F-U	0.6
GK300K1		W14F-U	0.6
GK400		W14F-U	0.6
GK400K1		W14F-U	0.6
GS65AC, G80, GS80		W20FS-U/TR20	0.6
GV100		W14MR-U	0.6
GV150 Ser. No. 2029060 -		W20M-U	0.6
GV150 Ser. No. 2029060 - with CDI		W20MP-U10	1.0
GV150 - Ser. No. 2029059		W14F-U	0.6
GV150A1D/A2D, GV150N1B/N2B		W20MR-U	0.6
GV150K1		W20M-U	0.6
GV200		W20MR-U	0.6
GV200 with CDI		W20MPR-U10	1.0
GV400		W20M-U	0.6
GV400 with CDI		W20MP-U10	1.0
GX110, GX120, GX140		W20EP-U	0.8
GX160		W20EPR-U	0.8
GX240, GX270		W20EPR-U	0.7
GX340, GX390		W20EPR-U	0.7
GX610, GX620		W20EPR-U	0.8
GXV12		W16EP-U	0.8
GXV120, GXV160		W20EP-U	0.8
GXV270		W16EPR-U	0.7
GXV340		W16EPR-U	0.8
HT3810		W14FR-U	0.6
Tillers			
F210K1		W14MR-U	0.6
F501K1		W16EPR-U	0.8
FR800		W16EPR-U	0.8

INTERNATIONAL HARVESTER		
C-152, C-196, C-304, C-345, C-392	W16PR-U	0.8
C-446	T16EPR-U	0.8
C-537, C-605	W16EP-U	0.7
C-549	W20S-U	0.7
T340	M17	0.6
UB240, UV266	W20S-U	0.7
UC135B, UC153, UC175	M17	0.6
UC200, UC221, UC263, UC301, T6	M17	0.6
UR372	W20S-U	0.7
UV304, UV345	W20S-U	0.7
UV392	W20S-U	0.7
ISHIKAWAJIMA-SHIBAURA		
Fire Fighting Pumps : F35/74		
	W20S-U	0.6
F65	MW17	0.6
F160	W22FS-U	0.6
F230	W20ES-U	0.7
Generator		
SG500	W20MR-U	0.7
SG800	W20FPR-U	0.7
SG900	W20FSR	0.7
SG900F	W14FPR-L	0.7
SG1200, SG1400, SG1800, SG2000	W20FSR	0.7
SG2600, SG3500	W20FPR-U	0.7
SG2800, SG3600	W20FSR	0.7
Industrial Engines		
BEF8, -10 (R, S, RE, SE)	W14FP-UL	0.7
BEF8, -10, -13, -15 (RE)	W14M-U	0.7
GE13, -18, -22, -25, -35, -43 (SK, A)	W20S-U	0.7
GE18B, -18BR	W20FS-U/TR20	0.7
GED13, -15, -18, -19 (R, S)	W20FS-U/TR20	0.7
GED13, -15, -18, -19 (RE, SE)	W14F-U10	1.0
GED20, -21, -22, -25, -30, -35 (R, S)	W20FS-U/TR20	0.7
GED20 (RE, SE)	W14F-U	0.7
GED21 (RE, SE)	W20FS-U/TR20	0.7
GED22 (RE, SE)	W14F-U	0.7
GED25, 30 (RE, SE)	W14F-U	0.7
GED25, 30 (R, S)	W14FPR-L	0.7
GED35 (RE, SE)	W14F-U10	1.0
GEF8, 10 (R)	W14FPR-L	0.7
GEF13, -15, -18 (R, S, RE, SE) - 1988	W14F-U	0.7
GEF13, -15, -18 (R, S) 1989 -	W14FPR-L	0.7
GEF18, -20 (R)	W20M-U	0.7
GEF20, -22, -25, -30 (R, S, RE, SE)	W14F-U	0.7
HED60R	W14F-U	0.7
KE22, -25, -43 (SK, A, RH)	W20MP-U	0.7
KE35A (RH)	W20S-U	0.7
KED20, -22, -25 (R, S, RE, SE)	W14F-U	0.7
KED30, -35 (R, S, RE, SE)	W14F-U	0.7
KED60R	W14F-U	0.7
KEF15, -18 (R, S)	W14F-U	0.7
TEA0660	W20FS-U/TR20	0.7
TEB0110, -0211, -0125	W20M-U	0.7
TEB0310, -0410	W20FS-U/TR20	0.7
TEB0411	W20M-U	0.7
Water Pumps		
EP25, -40 (E)	W20FS-U/TR20	0.7
EP25, -40 (F)	W14FP-UL	0.7
EP41 (E)	W20FS-U/TR20	0.7
EP50, EP50FH, EP80 (F)	W14F-U	0.7
JOHN DEERE		
Petrol		
92, 115, 145, 165, 217	W16LS	0.6
LUC, LUH, LUS, LUW	W16LS	0.6
Series TA92, TB92, TA145, TA217, 232	W16LS	0.6
300 Series	W20ES-U	0.8
341, 400, 500 Series	M17	0.6
Natural and LP-Gas		
92, 115, 145, 165, 217	W16LS	0.6
LUC, LUH, LUS, LUW	W16LS	0.6

Comm, Station & Gas Engines

Series TA92, TB92, TA145, TA217, 232	W16LS	0.6
JOHNSON		
Electric Unit	W20S-U	0.8
Iron Horse	W14-US	0.8
Utilimotor	M17	0.8
KAAZ		
110 Trimmer	W20M-U	0.6
Pruners, Trimmers		
(KT12 Kawasaki Eng.)	W20M-U	0.6
(T12 Mitsubishi Eng.)	W20M-U	0.6
Silver X Trimmer	W20M-U	0.6
Sprayers		
Kawasaki KF34, KF64 Eng.	W20S-U	0.6
Kawasaki KF53	W20FS-U/TR20	0.6
Robin EY14, EY18, EY25 Eng.	W20FS-U/TR20	0.6
TM 30B Trimmer	W20M-U	0.6
KAWASAKI		
Generators		
GA550A	W20MR-U	0.7
GA1000A	W20SR-U	0.7
GA1400A	W20SR-U	0.7
GA1800A	W14FPR-L	0.7
GA2300 - 1983	W20S-U	0.7
GA2300A	W14FPR-L	0.7
GA3200A, GA3200AS	W14FPR-L	0.7
GC550A	W20MR-U	0.7
GD550A	W20MR-U	0.7
GD700A, GD700AS	W20MR-U	0.7
GE2200, GE2900	W16EPR-U	0.7
GE4000, GE4300	W16EPR-U	0.7
GE4500, GE5000	W16EPR-U	0.7
KG550B	W20FSR	0.7
KG750	W20FS-U/TR20	0.7
KG750B	W20SR-U	0.7
KG1100B	W20SR-U	0.7
KG1500	W20FS-U/TR20	0.7
KG1600	W20FS-U/TR20	0.7
KG1600B	W20FSR	0.7
KG2600	W14FPR-L	0.7
KG4000A, KG4000AS	W20FSR	0.7
KG5000A, KG5000AS	W14FR-U	0.7
KG500B, KG5000BS	W14FR-U	0.7
KG5000 - 1983	W20M-U	0.7
Multi-Purpose Engines		
FA76 1983 -	W14M-U	0.7
FA76 1982	W20M-U/W20MR-U	0.7
FA130	W20M-U/W20MR-U	0.7
FA210 1983 -	W20M-U	0.7
FA210 - 1982	W20M-U	0.7
FB460	W14MR-U	0.7
FC150	W20EP-U/W20EPR-U	0.8
FC180, 290	W16EP-U/W16EPR-U	0.8
FC400, 420, 540	W16EPR-U	0.8
FD440, 501	W20MR-U	0.8
FD620	W14MR-U	0.7
FEX91, FE120, 161, 221	W16EP-U/W16EPR-U	0.8
FE170, 250, 290, 350	W16EPR-U	0.8
FG110, FA76, 130, 210	W14FP-UL	0.7
FG150, 200, 230	W14FP-UL	0.7
FG270, 300	W14FP-UL	0.7
KF24	W20FS-U/TR20	0.7
KF34	W20S-U/W20SR-U	0.7
KF53, KF53A	W20FS-U/TR20	0.7
KF64	W14-US	0.7
KF68	W20S-U/W20SR-U	0.7
KF82	W20FS-U/TR20	0.7
KF100	W14F-U/W14FR-U	0.7
KF140	W14-US	0.7
KF150, KF200	W14F-U	0.7

Comm, Station & Gas Engines

KT12AD		W22M-U	0.7
KT12D, KT12J		W22M-U	0.7
KT15D		W22M-U	0.7
KT15J		W20S-U	0.7
KT17J		W22M-U	0.7
KT18J 1983 -		W14-US	0.7
KT18J - 1982		W20S-U	0.7
KT28 1983 -		W14-US	0.7
KT28 - 1982		W20S-U	0.7
KT29		W20FS-U/TR20	0.7
KT30J		W20S-U	0.7
KT33		W20FS-U/TR20	0.7
KT35		W20S-U	0.7
KT43		W20FS-U/TR20	0.7
TA22, TA24, TA33		W22M-U	0.7
TA36		W22S-U	0.7
TA440 1983 -		W22M-U	0.7
TA40 - 1982		W22S-U	0.7
TA51		W22S-U	0.7
TD18, TD48		W20M-U	0.7
TD24, TD33, TD40, TD51 1983 -		W20M-U	0.7
TD24, TD33, TD40, TD51 - 1982		W22M-U	0.7
TE27, TE35, TE40		W22M-U	0.7
TE48, TE56		W22M-U	0.7
TF22, TF24, TF33		W22M-U	0.7
TG18, TG20, TG24, TG25		W20M-U	0.7
TG28, TG33		W20M-U	0.7
TH43, TH48		W20M-U	0.7
KIRBY			
KAV74		W9-U	0.5
KOHLER			
4HP K7		W9-U	0.6
4HP K90, K91, K101		W20S-U	0.6
5HP K121		W20S-U	0.6
6.25HP K141		W20S-U	0.6
7HP K160, K161		W20S-U	0.6
7HP L160, L161		W20S-U	0.6
8HP K181, L181		W20S-U	0.6
8HP K12		W9-U	0.6
8HP M8		W20M-U	0.6
10HP K241, M10		W16LS	0.9
12HP K301, M12		W16LS	0.9
14HP K321, M14		W16LS	0.9
14HP K330, K331		W20S-U	0.6
16HP K341, M16		W16LS	0.9
17HP KT17		T14PR-U	0.6
18HP K361, K482		W16LS	0.9
18HP M18		T14PR-U	0.9
19HP KT19		T14PR-U	0.9
20HP K532		W16LS	0.9
20HP KT20, M20		T14PR-U	0.6
21HP KT21		T14PR-U	0.6
23HP K582		W16LS	0.9
24HP K660, K662		W20S-U	0.6
25HP KL25		W20EPR-U	0.6
KUBOTA			
Generators			
A350 (GN550)		W14M-U	0.6
A400 (GN550)		W14M-U	0.6
A500 (GN550)		W14M-U	0.6
A650 (GS130)		W14FP-UL10	1.0
A800 (GS130)		W14FP-UL	0.6
A1000 (GS130)		W14FP-UL	0.6
A1200 (GS130)		W14FP-UL	0.6
A1400 (GS130)		W14FP-UL	0.6
A1500 (GN1850)		W14FP-UL10	1.0
A1800 (GN1850)		W14FP-UL10	1.0
A2000 (GN2500)		W14FP-UL10	1.0
A2100 (GN2500)		W14FP-UL10	1.0

Comm, Station & Gas Engines

A2400 (GS280)		W14FP-UL	0.6
A2500 (GN2500)		W14FP-UL10	1.0
A3000 (GN2500)		W14FP-UL10	1.0
A3050 (GS280)		W14FP-UL	0.6
A3500 (GS280)		W14FP-UL	0.6
AE1100 (GS130), AE1500 (GS130)		W14FPR-L	0.6
AE2200 (GS200)		W14FPR-L	0.6
AE3200 (GS280), AE3500 (GS280)		W14FPR-L	0.6
AV650 (GS90)		W14MR-U	0.7
AV1600 (GH120), AV2500 (GH170)		W20FPR-U	0.6
AV3800 (GH250), AV4500 (GH280)		W20FPR-U	0.6
NA400 (GS90)		W14MR-U	0.7
NA500 (GS90)		W14MR-U	0.7
NA510 (GS90)		W14MR-U	0.7
NA600 (GS90)		W14MR-U	0.7
NA1500 (GS200)		W14FPR-L	0.7
NA1800 (GS200)		W14FPR-L	0.7
NA1900 (GS200)		W14FPR-L	0.7
NA2000 (GS280)		W14FPR-L	0.7
NA2200 (GS200)		W14FPR-L	0.7
NA2400 (GS280)		W14FPR-L	0.7
NA2500 (GS280)		W14FPR-L	0.7
NA2600 (GS280)		W14FPR-L	0.7
NA3000 (GS280)		W14FPR-L	0.7
NA3050 (GS280)		W14FPR-L	0.7
NA3200 (GS280)		W14FPR-L	0.7
NA3500 (GS280)		W14FPR-L	0.7
LAUSON			
HH130, HH140, HH150, HH160		W20FS-U/TR20	0.8
All other 14mm Heads : Petrol		W20S-U	0.8
All other 14mm Heads : LP-Gas		W20S-U	0.5
All other 14mm Heads : Kerosene		W9-U	0.8
All other 18mm Heads : Petrol		M17	0.8
All other 18mm Heads : Kerosene		M17	0.8
LISTER			
ACL 4 Cyl.		M17	0.6
Auto-Truck		M17	0.6
Elevator B&S Eng.		W20S-U	0.6
Elevator (J.A.P.) 4F		W20FS-U/TR20	0.6
Monarch Pump		W16FS-U	0.6
Mounthill Geared Eng.		W20S-U	0.6
Shearer		W20FS-U/TR20	0.6
1/12HP, 3HP "D" Type		M17	0.6
MATE			
Post Hole Diggers			
Model 85 - Tecumseh T670-51A		W14LM-U	0.5
Model 100 - Tecumseh T660-11		W14LM-U	0.5
2 Man Model - Tecumseh HS35-45499M		W14LM-U	0.5
Mate Mulcher-Shredders			
Tecumseh HS50-67048		W20S-U	0.5
McCULLOCK			
Mark I, II, III		W20SR-U	0.6
GY-15, GY-20		W14MP-U	0.7
H-1500, H-2000, H-3000		W20SR-U	0.6
HP-1200, HP-2000, HP-3000		W20SR-U	0.6
HP-3500, HP-3500 Deluxe		W20SR-U	0.6
HP-5000, HP-5000 Deluxe		W20SR-U	0.6
RA120, RA150		W20MR-U	0.6
RA200, RA330, RA330ES		W20MR-U	0.6
All Other Models		W20M-U	0.6
MEIWA			
(See FUJI-ROBIN)			
MIKASA			
(See FUJI-ROBIN)			

Comm, Station & Gas Engines

ONAN			
AJ, BH, CK, J30, JB, JC		W16LS	0.6
B43G, G48G		T16EPR-U	0.6
IB		M17	0.6
J60, J120, MH, NB, RCCK-MS		W16LS	0.6
OTC Series		W20S-U	0.6
N-52M		T16EPR-U	0.6
NHA-MS, NHB-MS		W20ESR-U	0.6
NHC-MS (Early)		W20ESR-U	0.6
NHP (LP-Gas)		W20ESR-U	0.6
G4-203		W20ES-U	0.6
G4-236		W20EP-U	0.6
POULAN			
Blower 1500		W20S-U	0.6
Alternators			
Briggs & Stratton Eng.		W20M-U	0.6
Pumps			
3H-5M, 3H-8M, 5H-10M		W20M-U	0.6
3H-151, 5H-173, 5H-212T		W20M-U	0.6
POWER PRODUCTS			
AH36 Type 70		W20M-U	0.7
AH44, AH48, AH49		W20M-U	0.8
AH47, AH52, AH58, AH81		W20S-U	0.7
AV51		W20S-U	0.7
ROTAX			
Stamo : 75		W16FS-U	0.5
Stamo : 95		W20FS-U/TR20	0.5
Stamp			
125, 150, 150H		M17	0.5
Stamo : 151		M22	0.5
Stamo : 165, 185, 200, 250, 250AS		M17	0.5
251		M22	0.5
299		M17	0.5
370		W22FS-U/TR22	0.5
400, 500, 600		M17	0.5
635		M22	0.5
SACHS			
FAMO 504, 505		W20FS-U/TR20	0.6
STAMO SL-2		W20FS-U/TR20	0.6
STAMO ST-277, 281, 293		M24S	0.5
SOLO			
419, 423, 426, 424 Minor		W20FS-U/TR20	0.6
450/454 Blower		W20FS-U/TR20	0.6
451, 452, 426, 426R		W20FS-U/TR20	0.6
505 Tiller		W20FS-U/TR20	0.6
506 Tiller		W20M-U	0.6
507, 510 Tillers		W20FS-U/TR20	0.6
Blowers 410-B, 449		W20FS-U/TR20	0.6
Combi Engine		W20FS-U/TR20	0.6
Floating Pumps 830		W20FS-U/TR20	0.6
Mist Blower Module		W20FS-U/TR20	0.6
Multimot		W22M-U	0.6
Sprayer 400		W22M-U	0.6
Sprayer Junior 410		W20FS-U/TR20	0.6
Sprayer Port 423		W20FS-U/TR20	0.6
SUNBEAM			
Portable Crutchers			
Tecumseh H.25, H.35		W20S-U	0.6
Composters			
with Briggs & Stratton Eng.		W20M-U	0.6
with Tecumseh Eng.		W20S-U	0.6
SUZUKI			
General Purpose Engines			
S150		T20P-U	0.7
S150R		T20P-U	0.7

Comm, Station & Gas Engines

S200/A		T20P-U	0.7
S200K		W16FSR	0.6
S200KR		W16FS-U	0.7
S200R		T20P-U	0.7
V120, V160		W20EP-U	0.8
V140X		W20EPR-U	0.8
V270		W20EPR-U	0.8
VM140		W20EPR-U	0.8
Generators			
SE300		U20M-U	0.4
SE1000		W20FPR-U	0.8
SE1200/A		W20FPR-U	0.8
SE1200L, SE1200LAW		W20FPR-U	0.8
SE1500		W20FPR-U	0.8
SE1800/A		W20FPR-U	0.8
SE1800K, SE1800KL		W16FSR	0.6
SE1800L, SE1800LA		W20FPR-U	0.8
SE2500/A		W20FPR-U	0.8
SE2500K		W16FSR	0.7
SE3000/A		W20FPR-U	0.8
SE3800S		W16FP-U	0.7
SE4000S/SE		W16FP-U	0.7
SV1400/L/P		W20EPR-U	0.8
SV1800/L/P		W20EPR-U	0.8
SV2200/L/P		W20EPR-U	0.8
SV4000/E/P		W16EPR-U	0.8
SVW140/L		W16EPR-U	0.8
SW140S		W16FP-U	0.7
SX600R		W14FPR-L	0.7
SX750		T16PR-U	0.8
SX800R		T16PR-U	0.8
SX900		T16PR-U	0.8
Pumps			
SP20A		W20FPR-U	0.7
SP20K		W16FS-U	0.7
SP20XK		W16FS-U	0.7
SP30A		T20P-U	0.8
SP30K		W16FSR	0.7
VP20, VP20X		W20EP-U	0.8
VP30, VP30Xv		W20EP-U	0.8
TAIKYOKU			
(See KAWASAKI)			
TANAKA			
Generators			
AQB-600		W22S-U	0.6
DEG-600		W22S-U	0.6
QEG-250, -300		W20M-U	0.6
REG-600, -800v		W22S-U	0.6
General Purpose Engines			
DMD-430		W22S-U	0.6
EC-11		W20M-U	0.6
JD-37		W22S-U	0.6
ME-301, -430		W22S-U	0.6
N-301		W22M-U	0.6
N-303		W22M-U	0.6
QS-22		W20M-U	0.6
S-3		W22S-U	0.6
SAC-30B		W22S-U	0.6
SHC-30B		W22S-U	0.6
SMC-30B		W22S-U	0.6
ST-16v		W22M-U	0.6
T-16		W20M-U	0.6
T-231, -232, -233		W20M-U	0.6
T-321, -322, -323		W22M-U	0.6
TC-218		W20M-U	0.6
TC-220		W20MP-U	0.6
TC-262, -265		W20M-U	0.6
TC-401, -402, -422		W20MP-U	0.6
Pumps Engines			
AQB-381		W20S-U	0.6

Comm, Station & Gas Engines

PCP-3 Type SD		W20S-U	0.6
QCP-12, -121		W20M-U	0.6
QCP-25		W22MP-U	0.6
QCP-381		W20S-U	0.6
TCP-38		W20S-U	0.6
TCP-381		W20S-U	0.6
TECUMSEH			
1.4HP TC200		W20MP-U	0.7
1.8HP TC300		W22MP-U	0.7
2.25HP AH520		W14P-U	0.7
2.5HP H25		W20S-U	0.7
2.75HP AV520, TVS520		W14LM-U	0.7
3.0HP AH600		W20MP-U	0.7
3.0HP H30, LAV30		W20S-U	0.7
3.0HP TV975		W9LM-US	0.7
3.25HP TVS600		W14LM-U	0.7
3.5HP H35, HXL35, LAV35		W20S-U	0.7
3.5HP TV990		W14LM-U	0.7
3.9HP AH480		W20S-U	0.7
3.9HP TVS100		W9LM-US	0.7
4.0HP HH40, H840		W20S-U	0.7
4.0HP LAV40		W20S-U	0.7
4.0HP TVS105, TVX105		W9LM-US	0.7
4.0HP TVS840, TVXL840		W20MP-U	0.7
4.0HP VH40		W20S-U	0.7
5.0HP AH817, AV600		W20S-U	0.7
5.0HP H50, HH50, HS50		W20S-U	0.7
5.0HP LAV50		W20S-U	0.7
5.0HP TVS120		W9LM-US	0.7
5.0HP TVM125		W20S-U	0.7
5.0HP V50, VH50		W20S-U	0.7
6.0HP H60, HH60		W20S-U	0.7
6.0HP TVM140		W20S-U	0.7
6.0HP V60, VH60		W20S-U	0.7
7.0HP H70, HM70, HR70		W20S-U	
7.0HP TVM170		W20S-U	0.7
7.0HP V70, VH70, VM70		W20S-U	0.7
8.0HP H80, HH80, HHM80, HM80		W20S-U	0.7
8.0HP TVM195		W20S-U	0.7
8.0HP V80, VM80		W20S-U	0.7
10.0HP HH100, HM100		W20S-U	0.7
10.0HP TVM220		W20S-U	0.7
10.0HP VH100, VM100		W20S-U	0.7
12.0HP HH120		W20S-U	0.7
12.0HP OH120, OVM120		W20FS-U/TR20	0.7
13.0HP HH130		W20FS-U/TR20	0.7
14.0HP HH140, OH140		W20FS-U/TR20	0.7
15.0HP HH150		W20FS-U/TR20	0.7
16.0HP HH160, OH160		W20FS-U/TR20	0.7
18.0HP HH180, OH180		W22ES-U	0.7
VILLIERS			
14mm 1/2" Reach		W16FS-U	0.5
14mm 3/4" Reach		W20ES-U	0.5
18mm		M17	0.5
C-12, C-15		W16FS-U	0.5
C-20, C-45		W20ES-U	0.5
C-25		M17	0.5
F-15 (Aust.)		M17	0.5
F-15 (U.K.)		W20ES-U	0.5
VOLKSWAGEN			
1131cc		W20FS-U/TR20	0.6
1192cc		W22FS-U/TR22	0.6
Models 122, 124A Petrol		W22FP-U	0.6
Models 122, 124A Natural Gas or LP-Gas		W22FS-U/TR22	0.6
WACKER			
HGG3/180 240		W20S-U	0.6
WARSOP			

Comm, Station & Gas Engines

Roadbreaker		M17	0.5
Road Drill		M17	0.5
Roadrammer		M17	0.5
WAUKESHA			
Petrol			
14mm Heads			
6BZ, 6GAK, 6GAL, 6MZA, 6MZR		W20S-U	0.6
6SRKR, 6SRLR, 6WAK, 6WAL		W20S-U	0.6
135G, 135GK, 135GKB, 135GZB		W16LS	0.6
135GZ, 140GZ, 145GZ		W20S-U	0.6
140G, 140GK, 140GKB, 140GZB		W16LS	0.6
145G, 145GK, 145GKB, 145GZB		W16LS	0.6
F265GA, F283G, VRG265, VRG283		W16EP-U	0.6
F544G, F817G, FC, ICK		W20S-U	0.6
H540, H570, H844, H884, H884G		W20S-U	0.6
VRG220, VRG230		W16EP-U	0.6
VRG310		W16EP-U	0.6
Cranes, Carriers, Power Shovels		W20S-U	0.6
Generator Sets		W20S-U	0.6
18mm Heads			
All Models		M17	0.6
Natural and LP-Gas			
14mm Heads			
135G, 140G, 145G		W22S-U	0.5
135GZ, 140GZ, 145GZ		W22S-U	0.5
F554G, F817G, H884G, ICK		W22S-U	0.5
VRN265, VRN283, VRN310		W20ES-U	0.5
18mm Heads			
F1197G, F1197GR (7:1 to 8:1 CR)		M17	0.6
F1850G, H2475G, L3711G		M17	0.6
F1905GR (7:1 to 8:1 CR)		M17	0.6
H1077G, H1077GSI, L1616G, L1616GSI		M17	0.6
VRN155, VRN232		M17	0.6
WEST BEND			
Normal Service		W16LS	0.8
Light Service		W16LS	0.8
Heavy Service		W22S-U	0.8
Models 610, 820		W27FS-U	0.8
WISCONSIN			
03, 04, AC4, EY21W		W20S-U	0.6
AC4S		W16LS	0.6
EY13, EY18, EY25, EY33, EY44		W14FP-U	0.6
EY14W, EY18W, EY18-3W, EY25W		W20FS-U/TR20	0.6
EY27W, EY44W		W20FS-U/TR20	0.6
V460D, V461D, V465D (Unshielded)		W16EP-U	0.7
All Models Petrol		M17	0.7
All Models LP-Gas		M22	0.7
XENOA			
General Purpose			
14.9cc G1A, G1A6		W20M-U	0.6
Engines			
17.2cc G1E		W20MR-U	0.6
22.5cc G2A		W20M-U	0.6
22.5cc G2A16, G2C, G2D, G2D30		W22M-U	0.6
25.4cc G3E		W20MR-U	0.6
31.7cc G3C, G3C76		W20FS-U/TR20	0.7
31.7cc G3D10, G3D20		W20MP-U	0.6
37.4cc G4C, G4C63, G4C76		W20FS-U/TR20	0.7
52.5cc G5C		W20SR-U	0.7
52.5cc G5E, G5E2		W20FS-U/TR20	0.7
Trimmers			
BC253E1, BC174E		W20M-U	0.6
BC234B		W22M-U	0.6
BC324B		W20FS-U/TR20	0.7
FB26, FBC12		W20FS-U/TR20	0.7
FBC33		W20S-U	0.7
Duster Misters			

Comm, Station & Gas Engines

MD20AE		W22M-U	0.6
MD40AE		W20FS-U/TR20	0.7
Blowers			
EB20		W22M-U	0.6
EB40, EB43		W20FS-U/TR20	0.7
Augers			
FAG10		W20S-U	0.7
YAMAHA			
Generators			
E1200		W20FPR-U	0.7
EC2000, EC2800		W20FPR-U	0.6
EC4000DV, EC5000DV (E)		W20FPR-U	0.6
EC5000E		W20FPR-U	0.6
EF200A, EF200DV		W20FPR-U	0.7
EF1000		W20FPR-U	0.7
EF1200	1985	W20FPR-U	0.6
EF1200	1984	T20P-U	0.6
EF1200A, EF1200DA		W20FPR-U	0.6
EF1200DV		W20FPR-U	0.7
EF1400, EF1400DV	1985	W20FPR-U	0.6
EF1400, EF1400DV	1984	T20P-U	0.6
EF1400A		W20FPR-U	0.6
EF1400H		T20P-U	0.6
EF1400HK		W14FP-UL	0.6
EF1400K	1985	W14FPR-L	0.6
EF1400K	1984	W14FP-UL	0.6
EF1500S		W22FS-U/TR22	0.6
EF1600		W20FPR-U	0.7
EF1600R (1400R)		W20FPR-U	0.7
EF1700, EF1700A, EF1700DV		W20FPR-U	0.6
EF1800		T20P-U	0.6
EF2000, EF2000DV	1985	W20FPR-U	0.6
EF2000, EF2000DV	1984	T20P-U	0.6
EF2000A		W20FPR-U	0.6
EF2000H		T20P-U	0.6
EF2000HK		W14FP-UL	0.6
EF2000K	1985	W14FPR-L	0.6
EF2000K	1984	W14FP-UL	0.6
EF2100		W20FPR-U	0.6
EF2400	1985	W20FPR-U	0.6
EF2400	1984	T20P-U	0.6
EF2400A, EF2400DV		W20FPR-U	0.6
EF2500, EF2500R (2100R)		W20FPR-U	0.7
EF2600		T20P-U	0.6
EF2800, EF2800DV	1985	W20FPR-U	0.6
EF2800, EF2800DV	1984	T20P-U	0.6
EF2800A		W20FPR-U	0.6
EF2800H		T20P-U	0.6
EF2800HK		W14FP-UL	0.6
EF2800K	1985	W14FPR-L	0.6
EF2800K	1984	W14FP-UL	0.6
EF3200, EF3800		W20FPR-U	0.6
EF3600 (E), EF3600DV (E)		W20FPR-U	0.6
EF3800R, (3200R)		W20FPR-U	0.6
EF4000 (E), EF4000DV (E)		W20FPR-U	0.6
EF4000K		W14FPR-L	0.6
EF4300, EF4400 (E), EF4400DV (E)		W20FPR-U	0.6
EF5000 (E), EF5000DV (E)		W20FPR-U	0.6
EF5000, EF6000		W16EPR-U	0.6
EF5400		W16EPR-U	0.6
EFC1400, EFC2000, EFC2600		T20P-U	0.6
EFC2800		T20P-U	0.6
ET500, ET600 (A)		W16ES-U	0.6
ET800, ET900 (A)		W16ES-U	0.6
ET1500K 1981		W22FS-U/TR22	0.6
ET1500K -> 1980		W20FS-U/TR20	0.6
ET1500D, ET1500M, ET1500S		W22FS-U/TR22	0.6
ET1500M		W22FS-U/TR22	0.6
YG300S, YG400D		W20FPR-U	0.6
YG500D, YG600D		W16EPR-U	0.6
General Purpose Engines			

Comm, Station & Gas Engines

MF150A, MF150S		T20P-U	0.6
MF180A/AR, MF180S/SR		T20P-U	0.6
MR180K/AK, MF180SK		W14FP-UL	0.6
MF260A/AR, MF260S/SR		T20P-U	0.6
MF260K/AK, MF260SK		W14FP-UL	0.6
MF410, MF410S/SR		T20P-U	0.6
MF410SK		W14FP-UL	0.6
MT110A/AR		W22FS-U/TR22	0.6
MR110VL		W22FS-U/TR22	0.6
Pump Engines			
YP2		W22FS-U/TR22	0.6
YP3		T20P-U	0.6
YP10G		W22FSR	0.7
YP15H		T20P-U	0.6
YP20G		W22FS-U/TR22	0.6
YP20G (N)		W14FP-UL10	1.0
YP20GA		W20FPR-U	0.7
YP20GN		W14FP-UL	0.7
YP20M, YP20S, YP20T, YP20H		T20P-U	0.6
YP20MH		T20P-U	0.6
YP20NT		T20P-U	0.6
YP20S		T20P-U	0.7
YP20TA		W20FPR-U	0.7
YP30E		W14FP-UL	0.6
YP30G		T20P-U	0.6
YP30GA		W20FPR-U	0.7
YP30GK		W14FP-UL	0.6
YP30GN	1990-88	W16EP-U	0.8
YP30GN	1987	T20P-U	0.7
YP30MH		T20P-U	0.7
YP30S, YP30T, YP30NT		T20P-U	0.6
YP30TA		W20FPR-U	0.7
YP40TA		W20FPR-U	0.7
Golf Carts			
GA1		W16FP-U	0.7
G1-AM5		W16FP-U	0.6
G2A	1992	W16ESR-U	0.8
G2A	1991-90	W16ESR-U	0.8
G2A	1989	W16ES-U	0.8
G3, G3A		W16FP-U	0.7
G5A		W16ESR-U	0.8
G8A, G9A		W16ESR-U	0.8
G10-A/A4		W9EPR/W9EXR-U	0.7
G11-A		W16ESR-U	0.8
YANMAR			
Petrol Engines			
3TG66, 72		W14EPR-U	0.8
GA90, 140, 160, 180, 220, 240		W16EPR-U	0.9
GA120, 300		W16EPR-U	0.9
GE50, 55, 70, 77, 90, GY35		W14FPR-L	0.7
GY35 (V), 50 (V)		W14FR-U	0.7
Generators			
YSG1505, 2005, 2505		W16EPR-U	0.9
YSG3005, 3505		W16EPR-U	0.9
YSG1506, 2006, 2506		W16EPR-U	0.9
YSG3006, 3506		W16EPR-U	0.9

Lawn Mowers

Model	Denso		
	Standard	Resistor	mm
ATCO			
Briggs & Stratton Eng.	W20M-U	W20MR-U	0.8
JAP Eng. 14mm	W16FS-U	W16FSR-U	0.8
Suffolk Eng.	W14-US	-	0.8
Tecumseh Eng.	W14-US	-	0.8
Villiers Eng. 14mm	W16FS-U	W16FSR-U	0.8
Villiers Eng. 18mm	M17	-	0.8
BOLENS			
Ride On			
Briggs & Stratton Eng.	W20M-U	W20MR-U	0.8
Kohler K301	W20FS-U/TR20	W20FSR	0.8
Kohler K532, K582	W16LS	-	0.8
Kohler KT17	-	T14PR-U	0.8
Onan BF Eng.	W14L	-	0.8
Tecumseh HH140, HH160	W20FS-U/TR20	W20FSR	0.8
Wisconsin	M17	-	0.8
Rotary			
Briggs & Stratton Eng.	W14-US	-	0.8
Tecumseh Eng.	W14LM-U	W14LMR-US	0.8
BRIGGS & STRATTON			
2.0 HP 69000, 60102	W20M-U	W20MR-U	0.8
2.5 HP 80100	W9LM-US	W14LMR-US	0.8
3.0 HP 80200, 80202, 80300, 81200	W20M-U	W20MR-U	0.8
3.0 HP 81300, 92500, 94500, 62032, 82000	W9LM-US	W14LMR-US	0.8
3.5 HP 92900, 93500, 94900, 95500, 90700	W9LM-US	W14LMR-US	0.8
3.5 HP 93900, 96500, 100708, 121700	W9LM-US	W14LMR-US	0.8
4.0 HP 100200, 100202, 100900, 110900	W20M-U	W20MR-U	0.8
4.0 HP 110700, 112200, 95100, 96799	W9LM-US	W14LMR-US	0.8
4.0 HP 95700, 96700, 111700, 114700	W9LM-US	W14LMR-US	0.8
4.5 HP 126700	W9LM-US	W14LMR-US	0.8
5.0 HP 104700	-	Q16PR-U	0.8
5.0 HP 124700, 131700	W9LM-US	W14LMR-US	0.8
5.0 HP 130200, 130202, 130900, 131200	W20M-U	W20MR-U	0.8
5.0 HP 131400, 131900, 32200, 132900	W9LM-US	W14LMR-US	0.8
6.0 HP 146400, 146700	W20M-U	W20MR-U	0.8
7.0 HP 170400, 170402, 170700, 171400	W20M-U	W20MR-U	0.8
8.0 HP 190400, 190402, 190700, 191700	W9LM-US	W14LMR-US	0.8
8.0 HP 195400, 200400, 192700, 193700	W20M-U	W20MR-U	0.8
9.0 HP 161400	-	Q16PR-U	0.8
9.0 HP 233400	W20M-U	W20MR-U	0.8
10.0 HP 243430, 251400, 251700, 222400, 243400	W20M-U	W20MR-U	0.8
10.0 HP 253700	W9LM-US	W14LMR-US	0.8
10.0 HP 220400, 220700, 221430	W9LM-US	W14LMR-US	0.8
11.0 HP 252410, 252412, 252700, 253410	W9LM-US	W14LMR-US	0.8
11.0 HP 253400, 253700, 252400	W20M-U	W20MR-U	0.8
12.0 HP 281700	W9LM-US	W14LMR-US	0.8
12.5 HP 260700, 290400	-	Q16PR-U	0.8
12.5 HP 404707v	W20S-U	W20SR-U	0.8
13.0 HP 302430	W20M-U	W20MR-U	0.8
14.0 HP 292700, 294400	-	Q16PR-U	0.8
14.0 HP 400437, 400707	W20S-U	W20SR-U	0.8
16.0 HP 303400, 303700	-	Q16PR-U	0.8
16.0 HP 326430	W20S-U	W20SR-U	0.8
16.0 HP 401400, 401417, 401700, 401707	W20S-U	W20SR-U	0.8
16.0 HP 402400, 402417, 402431, 402437	W20S-U	W20SR-U	0.8
16.0 HP 402707	W20S-U	W20SR-U	1.0
18mm Heads	M17		0.8
18.0 HP 350000	-	Q16PR-U	0.8
18.0 HP 421400, 421700, 422400, 422437	W20S-U	W20SR-U	0.8
18.0 HP 422431, 422700, 422707	W20S-U	W20SR-U	0.8
FLYMO			
Contractor 21, 47	W16P-U	-	0.7
Contractor 47T	W14LM-U	W14LMR-US	0.6
Contractor 52	W16P-U	-	0.7
Domestic	W14LM-U	W14LMR-US	0.6
Flymo 38, 47	W14LM-U	W14LMR-US	0.6
Motorhacke 35	W14LM-U	W14LMR-US	0.6

Lawn Mowers

Professional, Super		W14LM-U	W14LMR-US	0.6
SP75 B & S Engine		W14LM-U	W14LMR-US	0.6
SP75 Tecumseh Engine		W20S-U	W20SR-U	0.6
GRAVELEY				
520, 524, 526, 5200, 5240, 5260		W20S-U	W20SR-U	0.7
Series w/Kohler K181T 8HP				
564, 566 Series w/Kohler K301 12HP		W16LS	-	0.7
5200 Series				
Kohler 8.0HP		W20S-U	W20SR-U	0.6
Robin EY35		W16FP-U	W16FPR-U	0.6
Robin EY40		W16FP-U	W16FPR-U	0.6
Commercial 10, 424		W16LS	-	0.6
Convertible 7.6		W20M-U	W20MR-U	0.7
Westchester 1963		W16LS	-	0.9
HAKO				
Boy (J10 Engine)		W20FS-U/TR20	W20FSR	0.5
Boy 8610		M17	-	0.5
Combinette 100		W14LM-U	W14LMR-US	0.6
Combinette 3604		W16FS-U	W16FSR-U	0.5
Gartentrac 1100E		W14LM-U	W14LMR-US	0.6
Gartentrac 1600E		W14LM-U	W14LMR-US	0.6
Hako 120		W14LM-U	W14LMR-US	0.6
Hako-Jonas 1600		W16FS-U	W16FSR-U	0.6
Hako-Trac 1200, 1400v		W14F-U	W14FR-U	0.7
Hako-Trac 8104		W20FS-U/TR20	W20FSR	0.6
Hakomobil 4000		T20P-U	W20FPR-U	0.6
Hakorette 150		W16FS-U	W16FSR-U	0.5
Hakorette 200		W20M-U	W20MR-U	0.5
Hakorette 5003, 5004, 5007		M17	-	0.5
Hakorette 5008, 5035		M17	-	0.5
Hamster S		W14F-U	W14FR-U	0.7
Hamster 6206		W20S-U	W20SR-U	0.7
Jardinette 3605		W20S-U	W20SR-U	0.7
Minette		W14LM-U	W14LMR-US	0.6
Profi 92 B & S Engine		W14LM-U	W14LMR-US	0.6
Profi 92 J10 Engine		W16FS-U	W16FSR-U	0.6
Rasentrac 600		W20S-U	W20SR-U	0.7
Rasentrac 708, 708E		W14LM-U	W14LMR-US	0.6
Rasentrac 800, 1000E		W14LM-U	W14LMR-US	0.6
Rasetta 18L		W14LM-U	W14LMR-US	0.6
Rasetta 20H, 20L, 20N, 20S		W14LM-U	W14LMR-US	0.6
Rasetta 22R, 22S		W14LM-U	W14LMR-US	0.6
Variette		W16FS-U	W16FSR-U	0.5
Variette 3611		W20S-U	W20SR-U	0.7
Variette 3615		W20FS-U/TR20	W20FSR	0.5
HARDY				
302 DFB		W20FS-U/TR20	W20FSR	0.6
302 EFA		W14LM-U	W14LMR-US	0.6
302 QFA		W14LM-U	W14LMR-US	0.6
302 QFB B & S Quantum		W20M-U	W20MR-U	0.6
313 QFA		W14LM-U	W14LMR-US	0.6
313 QFB / 314 QFB B & S Quantum		W20M-U	W20MR-U	0.6
314 EFA		W14LM-U	W14LMR-US	0.6
401 LFB B & S Quantum		W20M-U	W20MR-U	0.6
401 QFA		W14LM-U	W14LMR-US	0.6
411 QFA / 411 EFA		W14LM-U	W14LMR-US	0.6
411 QFB B & S Quantum		W20M-U	W20MR-U	0.6
424 LFB B & S Quantum		W20M-U	W20MR-U	0.6
451 AFB B & S Quantum		W20M-U	W20MR-U	0.6
451 DFB		W20FS-U/TR20	W20FSR	0.6
451 QFA		W14LM-U	W14LMR-US	0.6
451 QFB / 451 LFB B & S Quantum		W20M-U	W20MR-U	0.6
471 AFB B & S Quantum		W20M-U	W20MR-U	0.6
471 DFB		W20FS-U/TR20	W20FSR	0.6
471 DFF		W16FS-U	W16FSR-U	0.6
471 LFB B & S Quantum		W20M-U	W20MR-U	0.6
HAYTER				
18" Rotary Briggs & Stratton		W20S-U	W20FSR-U	0.6

Lawn Mowers

18" Rotary Tecumseh 633, T660		W9-U		0.7
24" Villiers Mk 12		M17		0.6
24" Rotary Villiers Mk 15		W16FS-U	W16FSR-U	0.6
24" Rotary Tecumseh H60		W20S-U	W20SR-U	0.7
24" Rotary Villiers F15		W20ES-U	W20ESR-U	0.6
24" & 25" Honda G40, G42		W20FS-U/TR20	W20FSR	0.6
32" Ridacut, Wisconsin S7D		M17		0.6
Homelite Jacobson RMX8E, RMX11E		W20M-U	W20MR-U	0.6
Honda G41 Engine		W16FS-U	W16FSR-U	0.6
HONDA				
GXV-120		W16EP-U	W16EPR-U	0.7
H3001/H		W16EP-U	W16EPR-U	0.7
H3009		W16EP-U	W16EPR-U	0.7
H3011H		W16EP-U	W16EPR-U	0.7
H3013H		W16EP-U	W16EPR-U	0.7
H4013		W16EP-U	W16EPR-U	0.7
H4514H		W14EP-U	W14EPR-U	0.7
HP400		W14EP-U	W14EPR-U	0.7
HR17		W14M-U	W14MR-U	0.6
HR21		W20M-U	W20MR-U	0.6
HR21 with CDI		W20MP-U10	W20MPR-U10	1.0
HR21-5		W20M-U	W20MR-U	0.6
HR21K2		W20MP-U10	W20MPR-U10	1.0
HRA21		W20M-U	W20MR-U	0.6
HRS21		-	W14FR-U	0.6
HR173		W14M-U	W14MR-U	0.7
HR194		W16EP-U	W16EPR-U	0.7
HR214		W16EP-U	W16EPR-U	0.7
HR216		W16EP-U	W16EPR-U	0.7
HRA173		W14M-U	W14MR-U	0.6
HRA214		W16EP-U	W16EPR-U	0.7
HRA216		W16EP-U	W16EPR-U	0.7
HRA219		W16EP-U	W16EPR-U	0.7
HR521		-	W14FR-U	0.7
HT3810		-	W14FR-U	0.7
HT3813		W14FP-UL	W14FPR-L	0.7
HT4518H		W16EP-U10	W16EPR-U10	1.0
HTR3009		W16EP-U	W16EPR-U	0.7
UM17		W14M-U	W14MR-U	0.6
UM24		W16EP-U	W16EPR-U	0.7
UM28		W16EP-U	W16EPR-U	0.7
H1011		W16EP-U	W16EPR-U	0.7
HRU194		W16EP-U	W16EPR-U	0.7
HRU214		W16EP-U	W16EPR-U	0.7
HRC216		W16EP-U	W16EPR-U	0.7
HRM215		W16EP-U	W16EPR-U	0.7
HOWARD ROTAVATORS				
BE, BJ Models 14mm		W16FS-U	W16FSR-U	0.5
BE, BJ Models 18mm		M17	-	0.5
Hako		W16FS-U	W16FSR-U	0.6
Howard 350		W20S-U	W20SR-U	0.5
Howard 700		W24FS-U/TR24	W24FSR-U	0.5
Howard 2000 Tractor		W20S-U	W20SR-U	0.6
Howard Bullfinch (Clinton)		W20S-U	W20SR-U	0.5
Howard Bullfinch (B & S)		W20S-U	W20SR-U	0.6
Howard Gem		W16LS	-	0.6
With Kohler K141 K301 Engines		W20S-U	W20SR-U	0.6
HUSQVARNA				
MK500, MK500 Auto		W20M-U	W20MR-U	0.6
IRON HORSE				
Vertical Shaft Two Stroke		W20M-U	W20MR-U	0.6
JET FAST				
Briggs & Stratton Eng.		W20M-U	W20MR-U	0.8
Yamaha Eng. (2-stroke)		W20FS-U/TR20	W20FSR	0.8
HR17, HR21, HR21-5		W20M-U	W20MR-U	0.8
HR21KS, HRA21		W20M-U	W20MR-U	0.8
HR21 with CDI Ign.		W20MP-U10	W20MPR-U10	1.0

Lawn Mowers

Other : Check Eng. used				
J. GIBSON				
Ride on Triplex				
(Reel Type)				
Kohler Eng. K321 (14-16HP)	W16LS	-	0.6	
KINGCAT				
Cheeta 700 Tecumseh 8HP	W20S-U	W20SR-U	0.7	
Cheeta 700 Honda GV400	W20M-U	W20MR-U	0.6	
Cougar B & S 16HP	W14-US		0.6	
Puma 1100 B & S 11HP, Honda GV400	W20M-U	W20MR-U	0.6	
Panther B & S 11HP, Honda GV400	W20M-U	W20MR-U	0.6	
KINGFISHER				
Turbo Cut, Briggs & Stratton	W20S-U	W20SR-U	0.6	
18" Rotovac, Tecumseh	W20S-U	W20SR-U	0.7	
18" Rotovac Briggs & Stratton	W20S-U	W20SR-U	0.6	
18" Rotovac, Iron Horse (C & D)	W9-U	-	0.6	
18" Rotovac Iron Horse (F)	W14M-U	W14MR-U	0.9	
KIRBY TECUMSEH				
4 Cycle Engines				
VK30, VK40, VK60	W20S-U	W20SR-U	0.8	
HVK60	W20S-U	W20SR-U	0.8	
HK24, HK30, HK40, HK53, HK55, HK60	W20S-U	W20SR-U	0.8	
HHK40, HHK60, HHK80, HHK100, HHK120	W20S-U	W20SR-U	0.8	
2 Cycle Engines				
KAV51, KAV52, KAV61	W20S-U	W20SR-U	0.8	
KAV74, KAV87	W14P-U	W14PR-U	0.8	
KAH74, KAH87	W14P-U	W14PR-U	0.8	
K9, K11	W9-U	-	0.8	
H9, H11	W9-U	-	0.8	
KUBOTA				
GH 150V-L-T	W16ES-U	W16ESR-U	0.8	
W5019, W5021 1990	W9EP-U	W9EPR	0.8	
W5019, W5021 1989	W16ES-U	W16ESR-U	0.8	
LAWNBOY				
With Briggs & Stratton	W20S-U	W20SR-U	0.6	
With Tecumseh Engine	W20M-U	W20MR-U	0.6	
With O.M.C. Engine - Sep 1976	W14M-U	W14MR-U	0.6	
With O.M.C Engine Sep 1976 -	W9-U	-	0.6	
Standard Ignition	W14M-U	W14MR-U	0.9	
Solid State Ignition				
LAWNMASTER				
18" Rotary,				
Briggs & Stratton				
92900 3.5 HP	W20S-U	W20SR-U	0.6	
18" Rotary,				
2-stroke Johnson				
Iron Horse D401, D500	W9-U	-	0.6	
19" Briggs & Stratton 3.5HP	W20M-U	W20MR-U	0.6	
350 60102 B & S Engine 2HP	W20S-U	W20SR-U	0.6	
400 60102 B & S Engine 2HP	W20S-U	W20SR-U	0.6	
480 (Key Start) B/S 3.5HP	W20M-U	W20MR-U	0.6	
480.2F Iron Horse F Series	W14M-U	W14MR-U	0.9	
480.4 110900 B & S 4.0HP	W20M-U	W20MR-U	0.6	
500 80202 B & S Engine 3HP	W20S-U	W20SR-U	0.6	
500 80302 B & S Engine 3HP	W20S-U	W20SR-U	0.6	
500 Contractor, Kawasaki KF34D Eng.	W20S-U	W20SR-U	0.6	
500 Golf Green				
Briggs & Stratton 100202 4HP	W20S-U	W20SR-U	0.6	
Mowers				
600 Kawasaki 3.5HP (34D Eng.)	W20S-U	W20SR-U	0.6	
Tecumseh 3.5 2-stroke Eng. TSV 661	W20S-U	W20SR-U	0.6	
V.I.C. Special B/S 3.5HP	W20M-U	W20MR-U	0.6	
MASSPORT				
Briggs & Stratton Eng.	W20M-U	W20MR-U	0.8	

Lawn Mowers

642		W20M-U	W20MR-U	0.8
Other : Check Engine Used				
MONRO				
Cub 5HP		W20M-U	W20MR-U	0.7
Cutter Attachment 5.7HP		W20S-U	W20SR-U	0.7
Cutter Attachment 8HP		W20M-U	W20MR-U	0.7
Mini Tractor 11HP		W20M-U	W20MR-U	0.7
M24, 4-stroke 4HP		W20S-U	W20SR-U	0.7
Ranger 27, 6 & 7HP		W20S-U	W20SR-U	0.7
Ranger 27, 6 & 8 HP		W20M-U	W20MR-U	0.7
Scout 8HP		W20M-U	W20MR-U	0.7
MORRISON				
Rotary Motors				
3-in-1 18" B & S 4-stroke, (3.5 & 4.0HP) Eng.		W20M-U	W20MR-U	0.6
Briggs & Stratton 92908		W20S-U	W20SR-U	0.7
Conquest 2 Tecumseh		W20S-U	W20SR-U	0.7
Johnson Iron Horse		W9-U	-	0.6
Kirby K7, K11		W9-U	-	0.6
Multicut 4 B & S		W20M-U	W20MR-U	0.7
Multicut 2 Tecumseh		W20S-U	W20SR-U	0.7
Rotary 2 Tecumseh		W20S-U	W20SR-U	0.7
Side Delivery B & S		W20M-U	W20MR-U	0.7
Tecumseh T660, TVS 661		W20S-U	W20SR-U	0.6
Tecumseh LAV40		W20S-U	W20SR-U	0.6
Roughmaster 28"				
Rapier 7/10 28" Honda (11HP) Eng.		W20M-U	W20MR-U	0.6
Tecumseh VH70		W20S-U	W20SR-U	0.7
Tecumseh VH100		W20S-U	W20SR-U	0.7
Ridermower 28" :				
Briggs & Stratton 191702		W20S-U	W20SR-U	0.7
Raper 25" :				
Tecumseh VH70		W20S-U	W20SR-U	0.7
Tecumseh V60		W20S-U	W20SR-U	0.7
Reel Mowers				
Briggs & Stratton 80202		W20S-U	W20SR-U	0.7
Olympic 400, 500, 600		W20M-U	W20MR-U	0.7
Tecumseh H35		W20S-U	W20SR-U	0.7
1800 Triplex				
Tecumseh VH100		W20S-U	W20SR-U	0.7
Rotary Hoes				
Briggs & Stratton 80352		W20S-U	W20SR-U	0.7
Briggs & Stratton 80202		W20S-U	W20SR-U	0.7
PACE				
2-stroke 3/4" Reach				
(-1972)		W14E	W16ESR-U	0.8
2-stroke 1/2" Reach				
(-1972)		W14F-U	W14FR-U	0.8
2-stroke 160cc (1976-)		W20M-U	W20MR-U	0.8
4-stroke B & S Eng. :				
(1976-)		W20M-U	W20MR-U	0.8
POPE				
2-stroke and 4-stroke		W14F-U	W14FR-U	0.8
POWER PONY				
8HP Tecumseh H80		W20S-U	W20SR-U	0.7
10HP S.V. Tecumseh HH100		W20S-U	W20SR-U	0.7
12HP S.V. Tecumseh HH120		W20S-U	W20SR-U	0.7
14HP O.H.V. Tecumseh CH140		W20FS-U/TR20	W20FSR	0.7
14HP Mk2 O.H.V. Tecumseh CH140		W20FS-U/TR20	W20FSR	0.7
16HP Twin Cyl. (B & S)		W20S-U	W20SR-U	0.7
QUALCAST				
14" JAP71, Qualcast 871		W16FS-U	W16FSR-U	0.8
Royal Blade Deluxe		W16FS-U	W16FSR-U	0.8
14" with Suffolk 75cc, 98cc		W20S-U	W20SR-U	0.8
16" Roller (Villier Mk11, MK111)		M17	-	0.8
16" Rotamower (Villiers Mk5G)		W20FS-U/TR20	W20FSR	0.8
16" Side Wheel (Villiers Mk5G, Mk4G)		W20FS-U/TR20	W20FSR	0.8

Lawn Mowers

16" with Suffolk 75cc, 98cc	W20S-U	W20SR-U	0.8
18" JAP RS80, Lawnspeed Mk1, Mk11	W16FS-U	W16FSR-U	0.8
19" with Suffolk 75cc, 98cc	W20S-U	W20SR-U	0.8
RANCHER			
Iron Horse Models			
(C & D Series)			
14" Lightweight Rotary R22 (Lady Rider)	W9-U	-	0.6
16" Rotary R12, R30, R38, R40	W9-U	-	0.6
18" R16, R26, R28, R32, R34, R42, R44	W9-U	-	0.6
Iron Horse Models			
(F Series)			
16" R48, R58	W14M-U	W14MR-U	0.9
18" R52, R54, R56	W14M-U	W14MR-U	0.9
Briggs & Stratton			
16" Rotary R13, R31, R39, R41, R49, R59	W20M-U	W20MR-U	0.6
Models			
18" R17, R27, R29, R33, R35, R43	W20M-U	W20MR-U	0.6
18" R45, R53, R55, R57	W20M-U	W20MR-U	0.6
18" R65 Briggs & Stratton 3.5HP	W20M-U	W20MR-U	0.6
18" R62 Tecumseh (s-stroke) 3.5HP	W20M-U	W20MR-U	0.6
Short Type	W20M-U	W20MR-U	0.6
Long Type	W20S-U	W20SR-U	0.6
RANSOMES			
TS50, 54, 55, 63, 64	M17	-	0.8
EP3G1, 59	M17	-	0.8
Mowers 18mm Heads	M17	-	0.8
Mowers 14mm Heads	W16FS-U	W16FSR-U	0.8
ROTOCLEAN			
30" Briggs & Stratton 3HP	W20M-U	W20MR-U	0.6
Rota Clean (Moller) (Vacuum) B & S 3.5HP	W20M-U	W20MR-U	0.6
ROTOMOA			
26" Briggs & Stratton 5HP, 7HP, 8HP	W20M-U	W20MR-U	0.7
660L (26" cut) Briggs & Stratton 8HP	W20M-U	W20MR-U	0.6
Iron Horse (C & D Series)	W9-U	-	0.6
Iron Horse (F Series)	W14M-U	W14MR-U	0.9
Honda GV400 11HP	W20M-U	W20MR-U	0.6
Kirby Lauson	W20S-U	W20SR-U	0.7
Rotajet Briggs & Stratton	W20S-U	W20SR-U	0.6
Rotomoa 4.6	W20S-U	W20SR-U	0.6
ROVER			
4-stroke B & S Engine			
200 ES/XLC	W20M-U	W20MR-U	0.8
2601C	W20M-U	W20MR-U	0.8
Super Cut 220	W20M-U	W20MR-U	0.8
Super Cut 240	W20M-U	W20MR-U	0.8
2-stroke Suzuki Eng.	W14M-U	W14MR-U	0.8
Other : Check Engine Used			
SABRE			
Honda GV400 11HP	W20M-U	W20MR-U	0.6
Trike (Ride on) 31" & 42" cut B & S 8HP	W20M-U	W20MR-U	0.6
SACHS			
Sachs Mower Motor 504, 505, 508	W20FS-U/TR20	W20FSR	0.5
SCOTT BONNAR			
Villiers 3G	W20FS-U/TR20	W20FSR	0.8
Villiers 98cc, 25C	M17	-	0.8
MK10, MK12, MK25	M17	-	0.8
MK15, CHV, JAP380, JAP 4/3	W20FS-U/TR20	W20FSR	0.8
BSA120cc, BSA220cc	W16ES-U	W16ESR-U	0.8
SIMPLEX ENGINES			
85cc, 101cc, 125cc	W16FS-U	W16FSR-U	0.8
Industrial: 125cc : MK5	W16FS-U	W16FSR-U	0.8
Industrial: LM55cc : MK6	W20ES-U	W20ESR-U	0.8

Lawn Mowers

SPEEDIECUT				
Briggs & Stratton		W14LM-U	W14LMR-US	0.8
Iron Horse Two Stroke		W14LM-U	W14LMR-US	0.6
JAP Engines Tapped 3/4" Reach		W16ES-U	W16ESR-U	0.8
JAP Engines Tapped 1/2" Reach		W16FS-U	W16FSR-U	0.7
Kirby Four Stroke		W14LM-U	W14LMR-US	0.8
SUFFOLK				
14" Suffolk Punch 1954 - 75cc & 98cc Engines		W20S-U	W20SR-U	0.6
Series 1, 1A, 2, 3, 4, 5, 6, 7		W20S-U	W20SR-U	0.6
14" Super Punch		W20S-U	W20SR-U	0.6
17" Super Punch Series 1, 2, 3, 4, 5, 6		W20S-U	W20SR-U	0.6
Professional Series 1, 2, 3, 4, 5, 6, 1957 -		W20S-U	W20SR-U	0.6
19" Squire Series 1, 2, 3v		W20S-U	W20SR-U	0.6
19" Corporation Side Wheel Mower MK1, 2		W20S-U	W20SR-U	0.6
16" Demon De Luxe		W20S-U	W20SR-U	0.6
19" Demon De Luxe		W20S-U	W20SR-U	0.6
16" Suffolk		W20S-U	W20SR-U	0.6
12" Colt 1959 - 1967		W20S-U	W20SR-U	0.6
12" Super Colt		W20S-U	W20SR-U	0.6
Suffolk Pony 2-stroke, Series 1, 2		W16FS-U	W16FSR-U	0.6
SUNBEAM				
2-stroke LMC-2		W14P-U	W14PR-U	0.8
4-stroke LMB-4		W20S-U	W20SR-U	0.8
18mm Head		M17	-	0.8
Briggs & Stratton Eng.		W20M-U	W20MR-U	0.8
Tecumseh Eng.		W20S-U	W20SR-U	0.8
Victa Eng.		W20M-U	W20MR-U	0.8
TECUMSEH				
2.0HP AH250		W20S-U	W20SR-U	0.8
2.5HP HSK25		W20S-U	W20SR-U	0.8
3.0HP HSK30, AV520, AH520		W20S-U	W20SR-U	0.8
3.0HP LAH30, LAV30		W20S-U	W20SR-U	0.8
3.5HP LAV35, HSK35		W20S-U	W20SR-U	0.8
3.5HP LAV35RM, LAV35-1A		W20S-U	W20SR-U	0.8
3.9HP AH480		W20S-U	W20SR-U	0.8
4.0HP LAV40, HSSK40		W20S-U	W20SR-U	0.8
4.0HP LAV40RM, HS40, LAHS40		W20S-U	W20SR-U	0.8
5.0HP H50, HSSK50, LAV50RM		W20S-U	W20SR-U	0.8
5.0HP HS50-1A, LAV50-1A		W20S-U	W20SR-U	0.8
5.0HP AV600, AH817		W20S-U	W20SR-U	0.8
5.0HP LAHS50, HS50, V50		W20S-U	W20SR-U	0.8
5.0HP LAV50		W20S-U	W20SR-U	0.8
6.0HP V60, HSK60, H60, VH60		W20S-U	W20SR-U	0.8
7.0HP H70, HMSK70, V70		W20S-U	W20SR-U	0.8
7.0HP VH70, VM70, HM70		W20S-U	W20SR-U	0.8
8.0HP V80, VM80, HM80, H80		W20S-U	W20SR-U	0.8
8.0HP HH80, HMSK80		W20S-U	W20SR-U	0.8
10.0HP HH100, HM100, VM100		W20S-U	W20SR-U	0.8
12.0HP HH120		W20S-U	W20SR-U	0.8
12.0HP CH120		W20FS-U/TR20	W20FSR	0.8
14.0HP HH140, CH140		W20FS-U/TR20	W20FSR	0.8
15.0HP HH150, CH150		W20FS-U/TR20	W20FSR	0.8
16.0HP HH160, CH160		W20FS-U/TR20	W20FSR	0.8
TERRIER				
Briggs & Stratton Eng.		W20M-U	W20MR-U	0.8
Honda 3.5HP Eng.		W16FS-U	W16FSR-U	0.8
TORO				
Kohler Engine Model K141		W20S-U	W20SR-U	0.6
Push and Self-propelled				
w/B & S Eng.		W20M-U	W20MR-U	0.6
w/Tec. Eng.		W14LM-U	W14LMR-US	0.6
Ride-on Mowers				
w/B & S Eng.		W20M-U	W20MR-U	0.6
w/Chev. 250 CID		W14LM-U	W14LMR-US	0.9
w/Kioritz Eng.		W20M-U	W20MR-U	0.6
w/Kohler K141, K181 Eng.		W20S-U	W20SR-U	0.6
w/Kohler K321, K532, K582		W16LS		0.6

Lawn Mowers

w/Onan NHB		W20ES-U	W20ESR-U	0.6
w/Suzuki Eng.		W20MP-U	W14LMR-US	0.6
w/Tec. Eng.		W14LM-U	W14LMR-US	0.6
w/Teledyne R389 Eng.		W22FP-U	W22FPR-U	0.6
w/Wisc AENLD Eng.		M17	-	0.6
TURF LINE				
330 GP (Ride-on) B & S 16HP Twin		W9-U	-	0.6
Kohler KT17		T14PR-U	T14PR-U	0.6
Green Star 1 & 2 (Ride-on) B & S 16HP Twin		W9-U	-	0.6
Rotary (260-262) (Ride-on) Kohler KT17 17HP		T14PR-U	T14PR-U	0.6
TURNER				
Check Engine Used				
VICTA				
Early Models				
2-stroke (3/4" Reach)		W14E	W16ESR-U	0.8
2-stroke (1/2" Reach)		W14F-U	W14FR-U	0.8
4-stroke CV30, HK25		W20S-U	W20SR-U	0.8
4-stroke LV22, VK30, VK40		W20S-U	W20SR-U	0.8
Current Models (3/8" Reach)				
2-stroke 125cc All Models		W20M-U	W20MR-U	0.8
2-stroke 160cc North/South		W9-U	-	0.8
2-stroke 160cc East/West		W20M-U	W20MR-U	0.8
2-stroke 170cc Twin 500		W9-U	-	0.8
2-stroke Power - Torque Series		W20M-U	W20MR-U	0.8
2-stroke Series 80		W20M-U	W20MR-U	0.8
2-stroke Vortex		W20M-U	W20MR-U	0.8
4-stroke All Motors		W20M-U	W20MR-U	0.8
WEED EATER				
XR30, XR50, XR70		W14M-U	W14MR-U	0.6
XR75, XR90, 1500		W14M-U	W14MR-U	0.6
599, 609, 698		W20M-U	W20MR-U	0.6
1000		W20FS-U/TR20	W20FSR	0.6
1700, 4000, 5000, 6000		W14M-U	W14MR-U	0.6
w/Fuji Eng.		W20FS-U/TR20	W20FSR	0.7
w/Kawasaki Eng.		W22M-U	-	0.7
w/Kioritz Eng.		W20M-U	W20MR-U	0.7
w/Own Eng.		W14M-U	W14MR-U	0.7
w/Tecumseh Eng.		W14LM-U	W14LMR-US	0.7
WESTWOOD				
T1100 B & S 11HP		W20S-U	W20SR-U	0.7
T1600 B & S 16HP		W20S-U	W20SR-U	0.7
YAMAHA				
YLM342 Series		W14E	W14ESR-U	0.8
YLM346 Series		W14E	W14ESR-U	0.8
YLM446 Series		W16EP-U	W16EPR-U	0.8
YLM553 Series		W16EP-U	W16EPR-U	0.8
YT3600N		W14EP-U	W14EPR-U	0.8
YT6800N		W16FP-U	W16FPR-U	0.8

Chainsaws

Model	Denso	
	Plug Type	mm
ALLIS-CHALMERS		
65, 75, 75A	W20M-U	0.6
95, 195, 295	W20M-U	0.6
ALPINA		
A-35, A-40, A-90	W20MP-U	0.5
Forest 120	W20MP-U	0.5
O-70, O-70S	W20MP-U	0.5
Prof 45, Prof 55, Prof 65	W20MP-U	0.5
Prof 90, Prof 120	W20MP-U	0.5
160 Green	W20M-U	0.5
200 Prof	W20S-U	0.5
BOLENS		
Swifty 3014	W20S-U	0.6
Thrifty 3010	W20S-U	0.6
3300	W14L	0.7
5500, 5600, 5700	W14L	1.0
All Others	W20S-U	0.7
CLINTON		
D15, D25	W20M-U	0.7
D35, D55, D65	W20S-U	0.7
E10	W22M-U	0.6
E75, E95	W20M-U	0.7
DANARM		
1-36, 1-36-SS, 1-71, 2-36-SS	W22M-U	0.6
36AV, 55, 55LH/RH, 76	W22M-U	0.6
110, 125	W20SR-U	0.6
DOLMAR		
100, 100 Super	T20MP-U	0.5
101, 103, 104	W20MR-U	0.5
102	T20MP-U	0.6
105	W20M-U	0.5
106	W20MR-U	0.6
108	W20M-U	0.6
110 7/1986 ->	W22MP-U	0.5
110 -> 6/1986	T20MP-U	0.5
111	W22MP-U	0.5
112	W20MP-U	0.5
113	W22MP-U	0.5
113 Super	W22MP-U	0.6
114	W22MP-U	0.5
115	W22MP-U	0.5
116 Si	W22MP-U	0.6
117	W22MP-U	0.5
118	W22M-U	0.5
118S, 119	W22MP-U	0.5
120	W22MP-U	0.5
120Si	W22MP-U	0.6
121	W22MP-U	0.5
122, 122S, 122SL	W22M-U	0.5
123	W22MP-U	0.5
128KMS4	W22M-U	0.5
133	W22MP-U	0.5
144	W22M-U	0.5
152	W20M-U	0.5
153	W22MP-U	0.5
166, 309, 310	W22MP-U	0.5
308	W22MP-U	0.5
S6000	W22MP-U	0.5
ECHO		
(-> Kioritz)		
CS-60S	W20M-U	0.6
CS-100	W22S-U	0.6
CS-200E	W20M-U	0.6
CS-280E	W20MP-U	0.6

Chainsaws

CS-280EG		W20M-U	0.6
CS-280EVL		W20M-U	0.6
CS-285EVL		W20M-U	0.6
CS-290EVL		W20M-U	0.6
CS-300EVL		W20MP-U	0.6
CS-302		W20M-U	0.6
CS-302S		W20M-U	0.6
CS-304VL		W20M-U	0.6
CS-315		W20M-U	0.6
CS-332		W22MP-U	0.6
CS-332EV		W22MP-U	0.6
CS-330EVL		W20M-U	0.6
CS-351VL		W20M-U	0.6
CS-360EVL		W20MP-U	0.6
CS-400EVL		W20MP-U	0.6
CS-440EVL		W22MP-U	0.6
CS-451VL, CS-452VL		W20M-U	0.6
CS-500VL, CS-500EVL		W20MP-U	0.6
CS-510EVL, 550EVL		W22MP-U	0.6
CS-601, CS-601S, CS-601SVL		W20M-U	0.6
CS-602VL		W22MP-U	0.6
CS-650EVL		W22MP-U	0.6
CS-660EVL		W22MP-U	0.6
CS-701VL, CS-701SVL		W20M-U	0.6
CS-702VL, CS-702EVL		W22MP-U	0.6
CS-750VL, CS-750EVL		W22MP-U	0.6
CS-900EVL		W22MP-U	0.6
CS-1001VL		W22MP-U	0.6
CS-1200		W22MP-U	0.6
CS-2800, CS-2900		W22MP-U	0.6
CS-4000		W22MP-U	0.6
CS-4500/4500P		W22MP-U	0.6
CS-4600		W22MP-U	0.6
CS-5500		W22MP-U	0.6
CS-6700		W22MP-U	0.6
CS-8000/8000P		W22MP-U	0.6
CSB-280/E, CSB-330EVL		W20MR-U	0.6
CSB-360EVL, CSB-400EVL		W20MP-U	0.6
CSB-440EVL		W22MP-U	0.6
CSB-452VL		W20M-U	0.6
CSB-550EVL		W22MP-U	0.6
CSB-650EVL		W22MP-U	0.6
CSB-750EVL		W22MP-U	0.6
CSB-660EVL		W22MP-U	0.6
CSB-2800, CSB-2900		W22MP-U	0.6
CST-600EVL		W22MP-U	0.6
CST-601EVL		W22MP-U	0.6
HOMELITE			
135		W22M-U	0.6
150, 190		WA20M-U/T20M-U	0.6
330, 350, 360, 450, 550		WA22M-U/T22M-U	0.6
650, 750		W22M-U	0.6
1000		W22MP-U	0.6
1050, 1130G, 2100S, 3100G		W22M-U	0.6
240SL, 330SL, 360SL		T20MP-U	0.6
410SL		T20MP-U	0.6
550SL		WA22M-U/T22M-U	0.6
750W		W22M-U	0.6
C72		W20S-U	0.6
DM-20 Multi-Purpose		W22M-U	0.6
DM-50 Multi-Purpose		WA22M-U/T22M-U	0.6
Super-2		WA20M-U/T20M-U	0.6
Super 1050, Super 1330G, Super 2100		WA22M-U/T22M-U	0.6
Super EZ-AO		WA22M-U/T22M-U	0.6
Super Wiz 55, 66, 80		W20S-U	0.6
Super XL-AO, Super XL925		W22M-U	0.6
SXL-Mini AO		WA22M-U/T22M-U	0.6
V1-944, V1-955		W22M-U	0.6
V1-Super 2, Super 2SL		WA20M-U/T20M-U	0.6
V1-130SL		W20SR-U	0.6
XL, XL-2		WA20M-U/T20M-U	0.6

Chainsaws

XL 12		W20M-U	0.6
XL76		W20SR-U	0.6
XL 98A Multi-Purpose		W22M-U	0.6
XL 100A		W20M-U	0.6
XL123, XL600F, XL923, XL923A		W22M-U	0.6
XL-1 AO		WA22M-U/T22M-U	0.6
XL-Mini, XL-Mini Auto		WA22M-U/T22M-U	0.6
XLBC-4 Brushcutter		W22M-U	0.6
HUSQVARNA			
A65		W20MP-U	0.5
A70		W22M-U	0.5
A77		W20MP-U	0.5
A100		W22M-U	0.5
B65, B77		W20MP-U	0.5
F65		W20MP-U	0.5
F70		W20M-U	0.5
G65		W20MP-U	0.5
Husky 32, 35, 35VR, 38, 38VR		W20MP-U	0.5
Husky 34, 34D		WA20M-U/T20M-U	0.5
K65, L65, L77, R65		W20MP-U	0.5
1R, 36R, 61D		W22MP-U	0.5
40P, 44		W20MP-U	0.5
65, 65K, 77SS		W20MP-U	0.5
133SE, 133SG		W20MP-U	0.5
140		W22MP-U	0.5
140R, 140S, 160S		W20MP-U	0.5
162E, 162FE, 162FG		W20MP-U	0.5
162S		W22MP-U	
162SE, 162SG		W20MP-U	0.5
163CD, 163S, 165R, 180S		W20MP-U	0.5
181		W22MP-U	0.7
181SE, 1891SG, 185CD		W22M-U	0.5
234SE, 234SG		W20MP-U	0.5
240S, 240SE, 240SG		W20MP-U	0.5
244R		W20MP-U	0.5
260CD		W20MP-U	0.5
263CD, 280CD, 280S, 280G		W20MP-U	0.5
285CD		W22M-U	0.5
340SE, 340SG		W20MP-U	0.5
344FE, 344FG		W20MP-U	0.5
380CD, 380K, 380S		W20MP-U	0.5
444FE, 444FG, 444SE, 444SG		W20MP-U	0.5
480CD, 480K		W20MP-U	0.5
1100CD, 2100CD, 2100CDW		W22M-U	0.5
JONSEREDS			
45ES, 49SP, 66E, 66ES		W22MP-U	0.5
70E, 90, 90E		W22MP-U	0.5
111S, 451E, 451EV, 521EV, 621		W22MP-U	0.5
410, 420, 425		T22MP-U	0.5
490, 510		T20MP-U	0.5
510SP, 520SP		T20MP-U	0.5
801, 910E, 920, 1020		W22MP-U	0.5
L1L-J		W22M-U	0.5
M36		W22M-U	0.5
M50, M52, M52E, M60, M62, M66		W22MP-U	0.5
M70		W22MP-U	0.5
M75, M80, M90, M110, M111		W22MP-U	0.5
M361, M361AV		W22M-U	0.5
M410		T22MP-U	0.5
M451EV, 452, 495P		W22MP-U	0.5
M510		T20MP-U	0.5
M601, M621, M751		W22MP-U	0.5
M801		W22MP-U	0.5
MK-70, MK-80, RS45		W22MP-U	0.5
R52E Brushcutter		W22MP-U	0.5
Super III		W22MP-U	0.5
XF85, XG85		W20FS-U/TR20	0.5
LOMBARD			
AL42		W22M-U	0.6

Chainsaws

AP22, AP22-1, AP22D, AP22D-1	W22MP-U	0.6
AP24, AP24D	W22MP-U	0.6
AP42, AP42-1, AP42D, AP42D-AV	W22MP-U	0.6
AP42SE	W22MP-U	0.6
Comango	W22M-U	0.6
F54	W20M-U	0.6
L30, L50, L55, L70	W20M-U	0.6
L80, L90, L100	W20M-U	0.6
Little Lightening / Deluxe	W22MP-U	0.6
Pony	WA20M-U/T20M-U	0.6
Super AL42 / Automatic	W22M-U	0.6
Super AL51 / Automatic	W22M-U	0.6
Super AV	W22MP-U	0.6
Super Comango / Automatic	W22M-U	0.6
Super L30/50/60/70/90	W20M-U	0.6
Super L100	W16P-U	0.6
Super Lightening	W22M-U	0.6
3, 3A, 3-1/2	W20M-U	0.6
4	W22S-U	0.6
5.5A	W20M-U	0.6
7	W22S-U	0.6
30, 34, 35, 36, 37	W20M-U	0.6
68, 69, 70	W20M-U	0.6
648, 650, 658	W20S-U	0.6
660	W20M-U	0.6
McCULLOCH		
CP55	WA20M-U/T20M-U	0.6
CP70, CP70L, CP125, CP125S	WA22M-U/T22M-U	0.6
G70, LG6	WA22M-U/T22M-U	0.6
Mac 1-10, 2-10, 2-10A, 2-10G	WA20M-U/T20M-U	0.6
Mac 3-10, 3-10E	WA20M-U/T20M-U	0.6
Mac 110, 120, 130, 140	WA20M-U/T20M-U	0.6
Max LG6, S-10A, SLG-6	WA22M-U/T22M-U	0.6
Mini-Mac 1, Mini-Mac 1A	WA20M-U/T20M-U	0.6
Mini-Mac 6, Mini-Mac 6A	WA20M-U/T20M-U	0.6
Mini-Mac 25, 30, 35, 35AS, 35CP	WA20M-U/T20M-U	0.6
Mini Pro 25, 30, 35	WA20M-U/T20M-U	0.6
Might Might	W22M-U	0.6
P10-10A	WA20M-U/T20M-U	0.6
PM6, PM6A, PM55	WA20M-U/T20M-U	0.6
PM60, PM105	WA22M-U/T22M-U	0.6
PM570	WA20M-U/T20M-U	0.6
Power-Mac 140, 310, 320	WA20M-U/T20M-U	0.6
Power-Mac 330, 340	WA20M-U/T20M-U	0.6
Pro-Mac 510	WA22M-U/T22M-U	0.6
Pro-Mac 555	WA20M-U/T20M-U	0.6
Pro-Mac 570, 610, 650, 700	WA22M-U/T22M-U	0.6
Pro-Mac 800	WA20M-U/T20M-U	0.6
Pro-Mac 850	WA22M-U/T22M-U	0.6
Pro-Mac 1000, 1010	WA20M-U/T20M-U	0.6
S2-10A	WA20M-U/T20M-U	0.6
S6-10A	W22M-U	0.6
S10-10/A/E/L/LA	WA20M-U/T20M-U	0.6
S250, S550	W20S-U	0.6
S797	WA20M-U/T20M-U	0.6
SLG2	WA20M-U/T20M-U	0.6
SLG6	WA22M-U/T22M-U	0.6
SP40, SP55	WA20M-U/T20M-U	0.6
SP60, SP70, SP80, SP81, SP105	WA22M-U/T22M-U	0.6
SP125	WA20M-U/T20M-U	0.6
SP125C	WA22M-U/T22M-U	0.6
1-10, 2-10/A/G, 3-10/E	WA20M-U/T20M-U	0.6
1.9, 2.3	W22MP-U	0.6
4-10, 5-10/A/E/G	WA22M-U/T22M-U	0.6
6-10/A, 7-10A	WA22M-U/T22M-U	0.6
10-10/A/L	WA20M-U/T20M-U	0.6
250, 550, 640, 650, 660	W20S-U	0.6
795, 795L, 797, 895	WA20M-U/T20M-U	0.6
895C	WA22M-U/T22M-U	0.6
940	W20S-U	0.6

Chainsaws

OLEOMAC			
B55/A/AF		W20MP-U	0.5
Blitz 300, 304, 400, 500, 501S		W20MP-U	0.5
Blitz 502/F, 504/F, 600AV		W20MP-U	0.5
Blitz 700, 702/MP, 800, 802/MP		W20MP-U	0.5
Carpi 24, 550, 761		W20MP-U	0.5
Cutter 3, 4, 6, 7		W20MP-U	0.5
FAP 40F		W20MP-U	0.5
Folux, 3, 4, 5, 6, 7, 8		W20MP-U	0.5
Olympic 240, 244/F, 251, 254/F, 261		W20MP-U	0.5
VAP 38, 44F, 50, 55/F, 385		W20MP-U	0.5
233, 234/F		W20MP-U	0.5
240, 244/F		W20MP-U	0.5
251/S, 252/F, 254, 260, 261		W20MP-U	0.5
271/MP, 272MP, 280, 340		W20MP-U	0.5
355/A/AF, 460, 480, 481/MP		W20MP-U	0.5
482/MP		W20MP-U	0.5
OPEM			
K1		W22MP-U	0.5
K2, K2 Super		W22MP-U	0.5
PARTNER			
B17, B172, B173		W22M-U	0.5
B400		W20M-U	0.5
F55, F55A, F65		W22M-U	0.5
K12S		W22MP-U	0.5
K16, K20, K40		W22M-U	0.5
Mini P, Mini P II		W22M-U	0.5
Mini P III		WA20M-U/T20M-U	0.5
Mini P IV		T20M-U	0.5
P48, P49		WA22M-U/T22M-U	0.5
P50, P51		W22MP-U	0.5
P65		W22MP-U	0.5
P85, P100, P100S		W22MP-U	0.5
P500, P5000		T20MP-U	0.5
P7000		W22M-U	0.5
R14, R14TS, R15, R16, R17, R17T		W22M-U	0.5
R18, R18T, R19T, R20T		W22M-U	0.5
R21, R21T		W20M-U	0.5
R22T		W22M-U	0.5
R30		W20M-U	0.5
R40T, R85		W22M-U	0.5
R417, R417T, R420, R420T		W22M-U	0.5
R421, R421T		W22M-U	0.5
R440T		W22M-U	0.5
R517, R517T, R523		W22M-U	0.5
350		W20M-U	0.5
500		T22MP-U	0.5
933, 944, 946, 947		T20MP-U	0.5
1610, 1611, 1612, 1613		T20MP-U	0.5
1614/C, 1616/C		T20MP-U	0.5
1629, 1630, 1631		W20SR-U	0.5
1644, 1645		W20SR-U	0.5
1660, 1661, 1690		W20SR-U	0.5
1705, 1712		T20MP-U	0.5
5000/Plus		T22MP-U	0.5
7000		W22MP-U	0.5
PIONEER			
Farmlite		W22MP-U	0.7
Farmsaw II		W20MR-U	0.7
HA, HB, HC		W20S-U	0.7
NU-17		W20S-U	0.7
P10		W22M-U	0.7
P11		W22MP-U	0.7
P12, P20		W22M-U	0.7
P21, P21B, P21S, P21SB		W20M-U	0.7
P25, P26S		W22M-U	0.7
P26, P26E, P28, P28B, P28S, P28SB		W20MR-U	0.7
P28E		W20M-U	0.7
P35, P35S		W20MR-U	0.7

Chainsaws

P38		W22MP-U	0.7
P40		W22M-U	0.7
P40 Light Service		W20M-U	0.6
P41, P41S		W20MR-U	0.7
P42, P42W		W22MP-U	0.7
P50, P51, P51S		W22M-U	0.7
P52, P52W		W22MP-U	0.7
P62, P62W		W22MP-U	0.7
RA		W20S-U	0.7
400, 410, 450, 550, 600, 610, 620, 650		W20S-U	0.7
700		W20S-U	0.7
750, 800		W20S-U	0.7
850		W22S-U	0.7
970, 1072, 1073		W22M-U	0.7
1014, 1074E, 1074UB		W20M-U	0.7
1100, 1110, 1120, 1130, 1150		W20M-U	0.7
1160, 1200, 1200A, 1410, 1410A1		W20M-U	0.7
1420, 1450		W20M-U	0.7
1520, 1560, 1750, 1770, 1771		W22M-U	0.7
1850, 2071, 2073		W22M-U	0.7
2200, 2270, 2400, 2460		W20M-U	0.7
3071, 3200, 3270, 3270S		W20M-U	0.7
POULAN			
20, 20D, 25, 25DA		W20M-U	0.6
53A, 54		W20S-U	0.6
71A, 72, 76, 92, 100		W20M-U	0.6
245A, 252A		W20M-U	0.6
306, 306A, 306SA, 361		W20M-U	0.6
1800, 2000, 2300		W20M-U	0.6
3400		W20MP-U	0.6
3700		W22MP-U	0.6
4000		W20MP-U	0.6
4200		W22M-U	0.6
4200CVA		W22MP-U	0.6
4400, 4900, 5200CVA		W20M-U	0.6
5200, 5400, 5500, 600		W22M-U	0.6
6000CVA		W22MP-U	0.6
6900, 7700, 8500		W22M-U	0.6
B520		W14M-U	0.6
Log Splitter 19-7, 26-TM		W20M-U	0.6
Log Splitter 26-10, 26-10R		W20M-U	0.6
Log Splitter P-24-8AR, P-26-15AR		W20M-U	0.6
Micro 25, 25 Deluxe		W20M-U	0.6
Micro 25CVA, 25SN, MZ5		W20M-U	0.6
Micro Super 25, 25CAV, 25 Deluxe		W20M-U	0.6
Multi Purpose 52-14, -12, 45-12		W22M-U	0.6
S25CVA, S25DA		W20M-U	0.6
S33		W20S-U	0.6
S68, S72		W20M-U	0.6
S6000, Super 6000CVA		W22MP-U	0.6
Super XXV		W20M-U	0.6
REMINGTON			
812, 814, 816, 816AV		W20MP-U	0.6
840AV, 850AV, 860AV		W20MP-U	0.6
Jobmaster		W20MP-U	0.6
Logger		W22M-U	0.6
Mighty-Mite, Mighty-Mite Automatic		W22M-U	0.6
Mighty-Mite Bantam, Mighty-Mite Deluxe		W22M-U	0.6
Mighty-Mite Elect, Weekender		W22M-U	0.6
Mighty-Mite 100, 200, 300		W20MP-U	0.6
Mighty-Mite 400, 500, 600		W20MP-U	0.6
Outdoorsman		W22M-U	0.6
Outdoorsman II		W20MP-U	0.6
P-5A, PL-4, PL-5, PL-6, PL-6A		W22M-U	0.6
PL7, PL7A, PL55, PL55A		W22M-U	0.6
Pow-R-Cut		W22M-U	0.6
Rancher		W22M-U	0.6
SL4, SL4A, SL5, SL7, SL9, SL9A		W22M-U	0.6
SL9 Deluxe, SL10, SL10A		W22M-U	0.6
SL11, SL11A		W22M-U	0.6

Chainsaws

SL14, SL16, SL55		W22M-U	0.6
Sportsman		W22M-U	0.6
Sportsman II		W20MP-U	0.6
Super 754		W20S-U	0.6
Woodsman		W22M-U	0.6
Yardmaster		W20MP-U	0.6
RYOBI			
Chainsaw (RGS 3214A)		W22MP-U	0.7
ROPER			
C110, C121		WA22M-U/T22M-U	0.6
C332, C343, C354		W22M-U	0.6
C3327, C3327AR, C3437, C3437AR		W22M-U	0.6
C6117, C6257, C6257AR, C6367, C6367AR		WA22M-U/T22M-U	0.6
C11047, C12147		WA22M-U/T22M-U	0.6
C33237, C34337, C35437		W22M-U	0.6
Log Splitter		W20M-U	0.6
ProAm 412, 414, 415		WA22M-U/T22M-U	0.6
ProAm 615, 617		W22M-U	0.6
SACHS-DOLMAR			
(- Dolmar)			
SKILSAW			
255		W20M-U	0.6
933, 944, 946, 947		WA20M-U/T20M-U	0.6
1610, 1611, 1612, 1613		WA20M-U/T20M-U	0.6
1614, 1614C, 1616, 1616C		WA20M-U/T20M-U	0.6
1620, 1622, 1624		W20M-U	0.6
1629, 1630, 1631		W20SR-U	0.6
1634, 1636		W20M-U	0.6
1641		W20MP-U	0.6
1644, 1645		W20SR-U	0.6
1600, 1661, 1690		W20SR-U	0.7
1705, 1712		WA20M-U/T20M-U	0.6
Partner Mini III, IV		WA20M-U/T20M-U	0.6
SOLO			
600B, 600 Mini, 605AV, 606AV, 610AV		W20MP-U	0.5
611		W20M-U	0.5
615AV, 616AV, 620AV		W20MP-U	0.5
630, 632		W22M-U	0.5
635, 642		W20M-U	0.5
640, 645, 650AV, 655AV, 660AV		W20MP-U	0.5
Twin 100		W22M-U	0.5
STIHL			
06, 07, 07S, 08		T20P-U	0.5
08S		W20FS-U/TR20	0.5
009/AV, 010AV, 011AV, 015AV		W22MP-U	0.5
020AV/AVS, 024AV, 028AV/AVS		W22MP-U	0.5
032AV, 0344AV, 038AV/AVS		W22MP-U	0.5
041AV		W22MP-U	0.5
048AV		W22MP-U	0.5
051AV, 056AV/AVS		W22MP-U	0.5
076AV		W22MP-U	0.5
BG60E		W20MR-U	0.6
FS20, FS61, FS65, FS80, FS90		W20MR-U	0.6
FS151, FS202, FS401		W22MP-U	0.5
FS353		W20FPR-U	0.5
HS60		W20MR-U	0.6
HS151, HS202, HS242		W22MP-U	0.5
KS43		M17	0.5
TS200, TS510		W22MP-U	0.5
TS350		W20FPR-U	0.5
TANAKA			
ECS-35, ECS-35B		W20M-U	0.6
ECS-290, ECS-300, ECS-320, ECS-330		W20M-U	0.6
ECS-300, ECS-307, ECS-350, ECS-351		W20M-U	0.6
ECS-355, ECS-356, ECS-357		W20M-U	0.6
ECS-370		W22M-U	0.6

Chainsaws

ECS-405		W22M-U	0.6
ECS-415		W22M-U	0.6
ECS-505		W22M-U	0.6
ECS-506		W22M-U	0.6
ECS-650		W22M-U	0.6
ECS-3500, -4000		W20MP-U	0.7
EHC-120		W22M-U	0.6
WRIGHT			
104, 104D		W20M-U	0.6
111, 121, 122A, 122CVA		W20M-U	0.6
136, 137A, 140, 141A		W20M-U	0.6
B316		W14P-U	0.6
B520		W14M-U	0.6
C40, C40D		W20S-U	0.6
C50, C50D, C50SG		W14-US	0.6
C70, C70D, C70G		W20S-U	0.6
GS218		W14-US	0.6
GS2016		W14P-U	0.6
GS2520		W14-US	0.6
GS4520, GS5020, GS5020A		W14M-U	0.6

H Trimmers & B Cutters

Model	Denso	
	Plug Type	mm
ALPINA		
160 Green	W20M-U	0.6
200 Prof	W20S-U	0.6
Elite Sickle Bar	W20S-U	0.6
BLACK & DECKER		
GB155	T20MP-U	0.7
BDP175	T20MP-U	0.7
BDP185	T20MP-U	0.7
BDP285	T20MP-U	0.7
BDP385	T20MP-U	0.7
CS26012	T20MP-U	0.7
CS31014	T20MP-U	0.7
CS31016	T20MP-U	0.7
DANARM		
Hedge Trimmer (Kawasaki KT-12)	W22M-U	0.6
DOLMAR		
BC250, BC330, BC400, LT250	T20MP-U	0.6
ECHO (KIORITZ)		
Brush Cutter and Trimmer		
GT-160, GT-160A, GT-160AE	W20M-U	0.6
GT-200, GT-200A, GT-200B, GT200BE	W20M-U	0.6
GT-1000	W20M-U	0.6
GT-2200	W22MP-U	0.6
GTB-2103	W22MP-U	0.6
RM-200E	W20M-U	0.6
RB-250	W22MP-U	0.6
RB-281	W22MP-U	0.6
RM-303E	W20M-U	0.6
RM-310, RM-311	W22MP-U	0.6
RMAB-2530	W22MP-U	0.6
RB-250, RMB-311	W22MP-U	0.6
RMHB-230	W22MP-U	0.6
RMB-303E	W20M-U	0.6
RMB-310	W22MP-U	0.6
SRM-140D, SRM-140DA	W20M-U	0.6
SRM-160AE	W20M-U	0.6
SRM-200, SRM-200AE, SRM-200BE	W20M-U	0.6
SRM-210E, SRM-210AE	W20M-U	0.6
SRM-220BE	W20M-U	0.6
SRM-250E	W22MP-U	0.6
SRM-300AE	W20M-U	0.6
SRM-300AE/1	W20M-U	0.6
SRM-300E	W20M-U	0.6
SRM-302ADX	W20M-U	0.6
SRM-302BDX	W20M-U	0.6
SRM-303FE	W20M-U	0.6
SRM-310	W22MP-U	0.6
SRM-400AE	W22MP-U	0.6
SRM-400BE	W20M-U	0.6
SRM-400E	W22MP-U	0.6
SRM-402DE	W22MP-U	0.6
SRM-501DE	W20M-U	0.6
SRM-1500	W22MP-U	0.6
SRM-2000	W22MP-U	0.6
SRM-2090	W22MP-U	0.6
SRM-2300	W22MP-U	0.6
SRM-2200	W22MP-U	0.6
SRM-2500	W22MP-U	0.6
SRM-3000	W22MP-U	0.6
SRM-3010	W22MP-U	0.6
SRM-3800	W22MP-U	0.6
SRM-4600	W22MP-U	0.6
SRAB-2190	W22MP-U	0.6
SRMB-16AE	W20M-U	0.6
SRMB-200DA	W20M-U	0.6

H Trimmers & B Cutters

SRMB-250E		W22MP-U	0.6
SRMB-302BDX		W20M-U	0.6
SRMB-310		W22MP-U	0.6
SRMB-501DE		W20M-U	0.6
SRMB-2301 (21S), SRMB-2502 (25S)		W22MP-U	0.6
SRMB-3001 (30S), SRMB-3800 (38B)		W22MP-U	0.6
SRMB-200DE		W20M-U	0.6
Hedge Trimmer			
GT-1100		W22MP-U	0.6
GT-2100		W22MP-U	0.6
HC-140		W20M-U	0.6
HC-160		W20M-U	0.6
HC-160A		W20M-U	0.6
HC-200		W20M-U	0.6
HC-200AE		W20M-U	0.6
HC-210E		W20M-U	0.6
HC-220E		W20MR-U	0.6
HC-1000		W20M-U	0.6
HC-1001		W20M-U	0.6
FUJI-ROBIN			
Brush Cutters			
NB02, NB02-2A/B		W22M-U	0.6
NB03, NB04, NB03-2D		W22FS-U/TR22	0.6
NB04-2D/E/F		W22FS-U/TR22	0.6
NB16, NB16Z, NB16F		W22M-U	0.6
NB26		W22M-U	0.7
NB30		W22FS-U/TR22	0.6
NB31		W22M-U	0.7
NB40		W22FS-U/TR22	0.6
NB50, NB171, NBF171		W22M-U	0.7
NB211/A/AV/AW, NBF211		W22M-U	0.7
NB221		W22M-U	0.7
NB231, NBF231, NBK231		W22M-U	0.7
NB251		W22M-U	0.7
NB351, NBK351		W22MP-U	0.7
NB411, NBK411		W22MP-U	0.7
HOMELITE			
BD155, BD175		T20MP-U	0.6
BD185, BD285		T20MP-U	0.6
BD385, BD485		T20MP-U	0.6
HBC18, HBC30		T20MP-U	0.6
HBC38, HBC40		W22MP-U	0.6
HT17, HT21		T20MP-U	0.6
HT18, HT23		W20M-U	0.6
HLT16, HLT17C		T20MP-U	0.6
PBC3800, PBC4000		W22MP-U	0.6
PLT3400, PLT3600		T20MP-U	0.6
SABRE HTS43, HTS53		T20MP-U	0.6
SABRE S25, S25C, B25		T20MP-U	0.6
SABRE B38		W22MP-U	0.6
ST155, ST175		T20MP-U	0.6
ST185, ST285		T20MP-U	0.6
ST385, ST485		T20MP-U	0.6
HUSQVARNA			
16H		W20M-U	0.6
16R		W20M-U	0.6
18R, 18RL		W20M-U	0.6
22R, 22L		W20M-U	0.6
24H		W20M-U	0.6
25R, 25RL		W20M-U	0.6
26RLC		W14M-U	0.6
32RLC		W22MP-U	0.6
39R		W22MP-U	0.6
125R, 125L		W20M-U	0.6
132R, 132L		W20M-U	0.6
165RX		W22MP-U	0.6
235R, 240R		W22MP-U	0.6
244RX, 245RX, 250RX		W22MP-U	0.6
265RX		W22MP-U	0.6

H Trimmers & B Cutters

ISHIKAWAJIMA-SHIBAURA			
Brush Cutters			
B18, B20, B20DU		W22MP-U	0.7
B24, B24DU, B30, B31, B31DU, B35, B35DU		W22MP-U	0.7
H18D, H20D, H23D, H26D, H35D		W22MP-U	0.6
SB19, SB20, SB24, SB30, SB40		W20M-U	0.7
SCK30D		W20M-U	0.7
SCY24, SCY24A		W20M-U	0.7
JOHN DEERE			
90G		W22MP-U	0.6
Brush Cutters			
250G		W22MP-U	0.6
300G		W22MP-U	0.6
350G		W20M-U	0.6
450G		W22MP-U	0.6
Hedge Trimmers			
162		W20M-U	0.6
213E		W20M-U	0.6
JONSERED			
DM Series All Models		W20M-U	0.5
GR36, GR41, GR44		W22MP-U	0.5
GR Series All Other Models		W22MP-U	0.5
GT21, GT24		W20MP-U	0.5
GT26, GT32		W20MP-U	0.5
GR41		W22MP-U	0.5
GR44		W22MP-U	0.5
R52E, R601		W22MP-U	0.5
RS40		W22MP-U	0.5
RS45		W22MP-U	0.5
RS51, RS52		W22MP-U	0.5
TM Series All Models		W20M-U	0.5
HT18, HT24		W20MP-U	0.5
KAAZ			
Hedge Trimmer		W22M-U	0.6
Kawasaki Eng. KT12, KT18		W20M-U	0.6
Kawasaki Eng. KT15, KT17		W22M-U	0.6
Kawasaki Eng. KT30		W20S-U	0.6
Mitsubishi Eng. T50		W20M-U	0.6
Power Pruner		W22M-U	0.6
KAWASAKI			
ED50		W22M-U	0.7
EG18, EG20		W20M-U	0.7
EG22, EG25		W20M-U	0.7
EG35		W20M-U	0.7
EG2216		W20M-U	0.7
EG2510		W20M-U	0.7
EG2516		W20M-U	0.7
KIORITZ			
13.88cc, 20.1cc, 21.1cc, 30.1cc, 30.8cc		W20M-U	0.6
35.2cc, 39.7cc, 44.3cc		W20M-U	0.6
49.9cc		W20MP-U	0.6
78.6cc		W22MP-U	0.6
McCULLOCH			
MAC16, 17		W20M-U	0.6
MAC23		W22M-U	0.6
MAC25		W20M-U	0.6
MAC30A		W22MP-U	0.6
MAC32		W22MP-U	0.6
MAC250		W20M-U	0.6
MAC3300		W20M-U	0.6
Promac Series		WA20M-U/T20M-U	0.6
S100		W20M-U	0.6
S300		W20M-U	0.6
S350		W20M-U	0.6
Super 23		W20M-U	0.6

H Trimmers & B Cutters

Super MAC Series		WA20M-U/T20M-U	0.6
POULAN			
Trimmer 770, 800, 900		W20M-U	0.6
Trimmer 2600, 2610, 2620		W14M-U	0.6
SOLO			
Brushcutter 644		W22MP-U	0.6
STIHL			
1106 (6.5PS)		W20MP-U	0.5
1106 (8.5PS)		W22MP-U	0.5
1108, 1109, (6.5PS) 1110		W20MP-U	0.5
1111, 1112, 1113		W20MP-U	0.5
1401		M17	0.5
4202		W20MP-U	0.5
BG60, HS60		W20MR-U	0.6
FS50E, FS51AVE, FS61E		W20M-U	0.6
FS52, FS62, FS62R, FS66R		W22MP-U	0.6
FS67, FS67R, FS86, FS86R		W22MP-U	0.6
FS90, FS96R, FS106, FS106R		W22MP-U	0.6
FS61RE, FS65AVE, FS65AVRE		W20M-U	0.6
FS80AVRE, FS90AVE		W20M-U	0.6
FS80E, FS80RE, FS80AVE		W20M-U	0.6
TAS (TANAKA)			
AST-210, 220, 250		W20MP-U	0.6
AST-5000, 7000, 7000N		W20MP-U	0.6
QUM221		W20M-U	0.6
ST-1600		W20M-U	0.6
SUM-321, -328, -351		W22M-U	0.6
SUM-301, -318, -321, -328		W20M-U	0.6
TBC-23, -30		W20M-U	0.6
TBC-160, -202, -205, -210, -215, -218		W20M-U	0.6
THT-16, -23		W20M-U	0.6
THT-162		W20M-U	0.6
THT-200, -212		W20M-U	0.6
THT-230, -232, -262		W20M-U	0.6
THT-210, -220, -240		W20MP-U	0.6
VICTA			
Lawn Trimmer		W20M-U	0.6
WEED EATER			
599, 609, 698		W20M-U	0.6
1000		W20FS-U/TR20	0.6
1500		W14M-U	0.6
1700		W14M-U	0.6
4000, 5000, 6000		W14M-U	0.6
With Fuji Eng.		W20FS-U/TR20	0.6
With Kawasaki Eng.		W20S-U	0.6
With Kioritz Eng.		W20M-U	0.6
With Tecumseh Eng.		W20S-U	0.6
With Weedeater Eng.		W14M-U	0.6
XR20, XR30, XR50, XR70, XR75		W14M-U	0.6
XR80, XR90		W14M-U	0.6

Farm Equip & Tractors

Model	Denso	
	Plug Type	mm
ALLIS-CHALMERS		
Tractors		
B, C, CA, D-14, G, UC, 14mm 1B:		
Petrol	W14-US	0.8
LG-Gas	W20S-U	0.5
D-17 (3/8" Reach), RS, S, WC, WD, WF, WS:		
Petrol	W14-US	0.8
LP-Gas	W20S-U	0.5
D-17, D-19 (3/4" Reach):		
Petrol	W16ES-U	0.8
LG-Gas	W24ES-U	0.8
D-10, D-12, D-15 Series II, H-3	W16LS	0.8
GT-25, GT-30	M17	0.6
H-4 Crawler, 170	W16ES-U	0.8
WD45	W16P-U	0.6
Combines		
A, C, E	W16ES-U	0.6
F, (262 CID)	W16EP-U	0.6
G, (301 CID)	W16ES-U	0.6
Thru 69K, 250CID (3/4" Reach)	W16ES-U	0.6
1954 - 1957 Models A, B, R	W20S-U	0.6
1958 - 1959 Models A, B, R	W14-US	0.6
Other Farm		
B-15, EO-60, LO-60W, W-25, R	W14-US	0.6
Equipment		
Feed Mills (18mm Heads)	M17	0.6
BMC		
Mini Tractor (Petrol)	W16ES-U	0.6
Mode: 154, 425	W20ES-U	0.6
CASE		
Farm Tractors		
Petrol		
430, 431, 435, 440, 441, 445, 470, 530	M17	0.6
531, 535, 540, 541, 545, 570, 610, 730	M17	0.6
731, 732, 733, 734, 740, 741, 742, 743	M17	0.6
744, 770, 830, 831, 832, 833, 840, 841	M17	0.6
843, 870, 910, 930, 970	M17	0.6
LP-Gas		
430, 530, 630, 730, 731, 732, 733, 734	M17	0.5
740, 741, 742, 743, 744, 830, 831, 832	M17	0.5
833, 840, 841, 843, 930	M17	0.5
Combines		
Petrol		
77, 80, 88	M17	0.6
600, 660, 1000, 1010, Case Eng.	M17	0.6
700, 900, 960, Chry. Eng. H225	W20ES-U	0.6
1000 Herc. Eng.	W20S-U	0.6
1010, 1060, 1160, Chry. Eng. HB318 3/8"	W20P-U	0.6
1060, 1160, 1660, Chry. Eng. LH318 3/8"	W16EP-U	0.6
1665 Chry. Eng. 3/8" Reach	W20P-U	0.6
LP-Gas : 700, 900, 960, Chry. Eng. H225	W20ES-U	0.5
800, 1000, 1010, 1060 Case Eng.	M17	0.5
1060, 1160 Case Eng. 284 cu.in.	M17	0.5
Other Farm Equipment		
Balers : 130, 133, 135, 140, 160, 177	M17	0.6
Balers : 200, 220, 230, 230T, 330W	M17	0.6
Balers : NAP-2, NAP-3	W20S-U	0.6
Balers : NC, NCM, NL, NT, MT	M17	0.6
Forage Harvesters C2, 200	M17	0.6
Windrowers : 650, 655, 820, 855, 950	M17	0.6
Windrowers : 1050, 1140, 1150, 1155	M17	0.6
Engines		
Petrol		
159G, 188G, 301, 377G, A-284, A-377	M17	0.6
Natural and LP-Gas		
159G, 188G, 310G, 377G, A-284, A-377	M17	0.4
CATERPILLAR		

Farm Equip & Tractors

Starting Engine			
14mm Heads			
824, 834, D2, D4		W14P-U	0.7
1404 w/Hercules Engine G1600		W20S-U	0.6
D4C, D6B		W16P-U	0.6
D6, D7, D8, D9, RD4		W14P-U	0.7
DW15, DW20, DW21		W14P-U	0.7
T30B, T40B		W16P-U	0.9
T35B, T45B, T55B, V30C		W16P-U	0.9
T50B, T60B		W16P-U	0.9
V35C, V40C, V45C, V50C		W16P-U	0.9
18mm Heads			
824, 834, D2, D4		M17	0.6
D6, D7, D8, D9, RD4		M17	0.6
DW10, DW15, DW20, DW21		M17	0.6
Starting Engines for Diesels			
14mm Heads			
800G, D1300 (Special)		W20S-U	0.6
D311, D315, D318, D320, D326		W14P-U	0.7
D318 (Special)		W20M-U	0.6
D330, D333		W16P-U	0.7
D337, D339, D342, D343, D353, D375		W14P-U	0.7
D379, D397, D398, D3400, D4400, D4600		W14P-U	0.7
D6600, D7700, D8800		W14P-U	0.7
D11000, D13000, D17000		W14P-U	0.7
18mm Heads			
D311, D315, D318, D320, D326, D337		M17	0.6
D339, D342, D343, D353, D375, D379		M17	0.6
D397, D398, D3400, D4400, D4600		M17	0.6
D6600, D7700, D8800		M17	0.6
D11000, D13000, D17000		M17	0.6
DAVID BROWN			
Models 3800, 4600		W16EP-U	0.6
885G Selectomatic (1970-)		T20P-U	0.6
Cromaster (-1951)		M17	0.5
P-25 (1951-57)		M17	0.5
FERGUSON			
Continental Engine 18mm		M17	0.6
Ford Engine 14mm 1/2" Reach Petrol		W16FS-U	0.6
Ford Engine 14mm 1/2" Reach Kerosine		W14F-U	0.6
Model TOD-20		M17	0.6
Std. Eng. (1/2" Reach)		W20FS-U/TR20	0.6
Std. Eng. (3/4" Reach)		W20ES-U	0.6
FORD			
Tractors			
1975-78 104CID		W20EP-U	0.6
1975-78 158, 175, 20, 256 CID		W14-US	0.6
1974-77, CL30CCL40, Loaders -U4		W20EP-U	0.6
1956-77 (3 & 4 Cyl.)		W14-US	0.6
1961-67 (6 Cyl.) : Petrol		MA16P-U	0.6
1952-64 (4 Cyl.) : Petrol		W14L	0.6
1952-64 (4 Cyl.) : LP-Gas		W16LS	0.6
Combines and Balers			
1966-74 (6 Cyl.)		MA20P-U	0.6
350 Hay Baler		M17	0.6
Other Farm Equipment			
1982 2610, 3610, 4610		W16ES-U	0.6
1975-82 2600, 3600, 4600, 6600		W16ES-U	0.6
1975-78 134, 172, 192 CID		MA20P-U	0.6
1975-78 200, 250, 300 CID		MA20P-U	0.6
1975-78 330, 361, 391 CID		MA20P-U	0.6
1975-78 428, 477, 534 CID		MA20P-U	0.6
HONDA			
Farm Equipment			
F25, 28		U20FS-U	0.6
F30, 40, 42		W20FS-U/TR20	0.6
F50, F60		X20FS-U	0.6
F80		W16ES-U	0.6

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F110		W14MR-U	0.6
F200A/C		W14MR-U	0.6
F200D/F/G/I/S		W14MPR-U10	1.0
F210, F260		W14MR-U	0.6
F210K1		W16EPR-U	0.7
F250D/F		W14MPR-U10	1.0
F300, (G150)		W14FR-U	0.6
F310, F360, F380		W16EPR-U	0.7
F310KZ		W16EP-U	0.7
F400 (G35)		W20FS-U/TR20	0.6
F400 (G150)		W14FR-U	0.6
F400A2/F1/D1/D2/G/SP/V		W14FR-U	0.6
F401, F410, F460		W16EPR-U	0.7
F410K2		W16EP-U	0.7
F450G		W14FR-U	0.6
F500/A1/A2		W14FR-U	0.6
F501		W16EPR-U	0.7
F510K2		W16EP-U	0.7
F600		W14FR-U	0.6
F501, F510, F560		W16EPR-U	0.7
F600F2		W14FPR-U10	1.0
F600/G2/P/SP/Y		W14FR-U	0.6
F610		W16EPR-U	0.7
F650, F700		W20FS-U/TR20	0.6
F660		W16EPR-U	0.7
F660K		W16EP-U	0.7
F800		W14FR-U	0.6
F800 with CDI		W14FP-UL10	1.0
F800D/DW/G/Y		W14FR-U	0.6
F810		W16EPR-U	0.7
F860		W16EP-U	0.7
F950/P		W14FR-U	0.6
F950K1		W14F-U	0.6
F1150		W16EP-U10	1.1
FR315		W14EP-U	0.7
FR500, FR700		W14FR-U	0.6
FR600, FR800		W16EPR-U	0.7
FS28		U20FS-U	0.6
FS50		W20FS-U/TR20	0.6
FT65		W14F-U	0.6
H5013		W20EPR-U11	1.1
HP250 1993		W20EP-U	0.6
HP250 1992		W14MR-U	0.6
HP400		W14EPR-U	0.6
HR21 (GV150)		W20M-U	0.6
HR21 (GV150) with CDI		W20MP-U	0.6
HT3810, -K1		W14FR-U	0.6
HT3813		W14FR-U	0.6
HTR3009		W16EPR-U	0.7
RT500		W20EPR-U11	1.1
TH40		W20EP-U	0.7
TH45		W16EP-U	0.7
HOWARD			
DH226		W14-US	0.6
Gem -20", 24"		W16ES-U	0.6
General Rotary Hoe - 2 Cyl.		W14F-U	0.6
Howard Farmette (Howard 8FB/MKG Eng.)		W14-US	0.6
Howard Bantam Rotary Hoe (15HP Villiers Eng.)		W16FS-U	0.6
INTERNATIONAL HARVESTER			
Wheel Tractors			
284		W16EP-U	0.6
354, B414		W20FS-U/TR20	0.6
Cub Cadet			
100, 102, 104, 105, 106, 107, 108, 109		W16LS	0.6
122, 123, 124, 125, 126, 127, 128, 129		W16LS	0.6
147, 149, 169		W16LS	0.6
800, 1000, 1200, 1250, 1450, 1650		W16LS	0.6
Cadet 55R, 75E, 75R, 76E, 76R		W20M-U	0.6

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Combines			
303		W20P-U	0.6
815, 915 Petrol		W24S-U	0.6
815, 915 LP-Gas		W24S-U	0.5
Cotton Pickers			
214, 214A, 220 14mm Heads		W20P-U	0.6
414, 416, 420, 422 14mm Heads		W20P-U	0.6
616, 622 14mm Heads		W20P-U	0.6
Other Farm Machinery			
4000, 5000, 5500 w/AMC 232		W16EPR-U	0.9
4000, 5000, 5500 w/HB 225		W20EPR-U	0.9
Field Harvester, 20C, 36		W20S-U	0.6
ISEKI			
KF24G-1		W20S-U	0.6
KF53G-2X		W20FS-U/TR20	0.6
KF90GT, 710, 900		W14-US	0.6
KF340, 341, 342, 344, 345, 346		W20S-U	0.6
KF441, 442, 444		W20S-U	0.6
KF453/T, 550/T		W14-US	0.6
KF521, 522		W20FS-U/TR20	0.6
KF640		W20S-U	0.6
KF1300, 1320		W14-US	0.6
KT30-1V		W20S-U	0.6
KT290, 350		W20FS-U/TR20	0.6
KT330		W20S-U	0.6
ISHIKAWAJIMA-SHIBAURA			
Farm Equipment			
GD13RS/15RS/18RS		W20FS-U/TR20	0.6
GD20RS/22RS/60RS		W20FS-U/TR20	0.6
GE10R/13B/13SK		W20S-U	0.6
GE15R/18R/18BR		W20FS-U/TR20	0.6
GE22SK		W20S-U	0.6
GE25A/25SK/35A/43A		W20S-U	0.6
GE74M		W20P-U	0.7
HED60RS		W20FS-U/TR20	0.6
KE22SK/25A/22SK		W14-US	0.6
KE35A/35RH		W20S-U	0.6
KE43A/43RH		W14-US	0.6
KED20RS/22RS/25RS		W14F-U	0.6
KL8/8H		W14F-U	0.6
TEA0660, TEB0310/1746		W20FS-U/TR20	0.6
TEB0210		W20M-U	0.6
TS10, EP2540		W20FS-U/TR20	0.6
TS30		W22FS-U/TR22	0.6
TS35/40		W24FS-ZU	0.6
Water Pumps			
EP25, -40 (E)		W20FS-U/TR20	0.7
EP25, -40 (F)		W14FP-UL	0.7
EP41 (E)		W20FS-U/TR20	0.7
EP50, EP50FH, EP80 (F)		W14F-U	0.7
JOHN DEERE			
Tractors			
Petrol			
40, 320, 330, 420, 430, 440		W16LS	0.6
50, 60, 70, 520, 530		M17	0.8
620, 630, 720, 730		M17	0.8
1010, 2010		W16LS	0.6
1020, 1520, 2020, 2030		W16EP-U	0.6
2510, 2520, 4030		W16EP-U	0.6
3010, 3020, 4000, 4014, 4020, 4230		M17	0.6
A, AR-AO, B, G, H		M17	0.8
FE-1		W16EP-U	0.6
FA210		W20MR-U	0.7
FB460V		W20MR-U	0.7
FC150		W20EP-U	0.8
FC290V		W16EPR-U	0.8
FC420		W16EPR-U	0.8
FC540V		W16EPR-U	0.8
FD440, 590		W20MR-U	0.7

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FG150		W14FP-UL	0.7
L, LA-L1, M		W16LS	0.6
LP-Gas			
50, 60, 70, 520, 530		M17	0.4
620, 630, 720, 730		M17	0.4
1010, 2010		W16LS	0.4
2520, 3010, 3020		M17	0.4
4000, 4010, 4020, 4230		M17	0.4
Cranking Engines			
70, 80, 720, 730, 820, 830		W20S-U	0.6
R Series		M17	0.6
Combines			
Petrol			
11A, 12A, 25, 30, 40 Deere Eng.		W16LS	0.6
11A, 12A, 25, 30, 40 Herc. Eng.: 11A, 12A, 25		W20S-U	0.6
30, 40 18mm Heads		M17	0.6
45, 55, 65, 95 Deere Eng. 7/16" Reach		W16LS	0.6
45, 55, 65, 95 Deere Engs. 3/4" Reach		W16EP-U	0.6
45, 55, 65, 90 Herc. Eng.		W20S-U	0.6
105, 362, 6602, 7700 18mm Heads		M17	0.6
105 Peanut Comb. 111		W16LS	0.6
202, 303, 3300, 4400, 6600 1974-1970		T20R-U	0.6
LP-Gas			
11A, 12A, 25, 35, 40		W16LS	0.4
45, 55, 65, 95, 7/16" Reach		W16LS	0.4
45, 55, 65, 95, 3/4" Reach		W20ES-U	0.4
Balers			
w/Wisc. Engs.		M17	0.6
w/Cont. Engs.		M17	0.6
w/Deere Engs.		W16LS	0.6
Cotton Pickers			
8		W20S-U	0.6
99, 299, 499 : Petrol		W16LS	0.6
LP-Gas		W16LS	0.5
699 : Petrol		W16EP-U	0.8
LP-Gas		W20ES-U	0.6
Power Blowers			
2		W20M-U	0.6
2E		W22MP-U	0.6
3E		W22MP-U	0.6
4		W20M-U	0.6
4E		W20M-U	0.6
Windmowers			
w/Chry. HB225 Eng. (1975-)		T16P-U	0.6
w/Chry. HB225 Eng. (-1974)		W16ES-U	0.6
w/Wisc. or Cont. Engs.		M17	0.6
w/Deere Engs. (7/16" Reach)		W16LS	0.6
w/Deere Engs. (3/4" Reach)		W16EP-U	0.8
KOMATSU			
1981-80: FG50-3, FG60-3		W20ES-U	0.6
1981-80: FG70-3		W20ES-U	0.6
1981-77: FG10H-1, FG15H-1		W20ES-U	0.6
1981-77: FG35-2, FG40-2		W20ES-U	0.6
1981-76: FG20-7, FG25-7		W20ES-U	0.6
1981-76: FG30-7		W20ES-U	0.6
1981-75: FG10S-1, FG15S-1		W20ES-U	0.6
1981-75: FG20S-3, FG25S-3		W20ES-U	0.6
1981-75: FG30S-3		W20ES-U	0.6
1980-73: FG50-2, FG60-2		W20ES-U	0.6
KUBOTA			
Combines			
NX250 (GN250)		W14F-U	0.6
NX350 (G2900)		W14F-U10	1.0
Binders			
HE20 (GN100)		W14F-U	0.6
HE22A (GS120)		W14FP-UL10	1.0
HE30 (GN145)		W14F-U10	1.0
HE50 (GN185)		W14F-U10	1.0
HF20 (GS130)		T20P-U	0.6
HF32 (GS150)		W14FP-UL10	1.0

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HF52 (GS170)		W20FP-U10	1.0
Harvesters			
HH400 (GN185)		W14F-U10	1.0
HH500 (GN250)		W14F-U	0.6
HI302 (GS200)		W14FP-UL10	1.0
RH400 (GS230)		W14FP-UL10	1.0
RH500 (GS280)		W14FP-UL10	1.0
Tillers			
AT25 (GS90V)		W14FR-U	0.7
AT55 (GA200)		W14FR-U	0.7
AT70S (GS280)		W14FR-U	0.7
FRT50 (GS200)		W14F-U	0.7
FRT70 (GS280)		W14F-U	0.7
T2 (GN100)		W14F-U	0.6
T3 (GN145)		W14F-U10	1.0
T4 (GN145)		W14F-U10	1.0
T5 (GN250)		W14F-U	0.6
T6 (GN250)		W14F-U	0.6
T7 (GN250)		W14F-U	0.6
T150 (GS130)		W14FP-UL10	1.0
T250 (GS130)		W14FP-UL10	1.0
T350 (GS130)		W14FP-UL10	1.0
T400 (GS160)		W14FP-UL10	1.0
T402 (GS230)		W14F-U	0.7
T420 (GN145)		W14F-U10	1.0
T450 (GS160)		W14FP-U10	1.0
T550 (GS160)		W14FP-U10	1.0
T602 (GS280)		W14F-U	0.7
T620 (GS185)		W14F-U10	1.0
T650 (GN250)		W14F-U	0.6
T702 (GS280)		W14F-U	0.7
T720 (GN250)		W14F-U	0.6
T750 (GN250)		W14F-U	0.6
T850 (GS280)		W14F-U	0.7
TMA31 (GS130)		W14FP-UL10	1.0
TX100 (GS90)		W16FP-U	0.7
TX120 (GS120)		W14FP-UL10	1.0
TX300 (GS150)		W14FP-UL10	1.0
TX400 (GS160)		W14FP-UL10	1.0
TX500 (GS200)		W14F-U	0.7
TX600 (GS230)		W14F-U	0.7
TX700 (GS280)		W14F-U	0.7
TX900 (GS330)		W14F-U	0.7
MASSEY FERGUSON			
Tractors			
Petrol			
MF35, MF50, MF65, MF85, MF88, MF90		M17	0.6
MF135, w/Perkins AG3-152 3/8" Reach		W20S-U	0.6
MF135, w/Perkins AG3-152 3/4" Reach		W16EP-U	0.6
MF135, Deluxe & Vineyard w/Cont. Z-145		M17	0.6
MF135 Special w/Cont. Z-134		M17	0.6
MF150 w/Perkins AG3-152 3/8" Reach		W20S-U	0.6
MF150 w/Perkins AG3-152 3/4" Reach		W16EP-U	0.6
MF150 w/Cont. Z145		M17	0.6
MF165 w/Cont. G-176		M17	0.6
MF165, MF225 w/Perkins AG4-212		W20S-U	0.6
MF175-80 w/Cont. G206, G8-206		M17	0.6
MF175, MF180, MF265 w/Perkins AG4-236		W20S-U	0.6
MF230, MF235, MF245, w/Cont. Z-145		M17	0.6
Other Farm			
MF3000 S.P.		W20ES-U	0.6
Equipment			
MF410 S.P. w/Chevy 292, 1975		T20R-U	0.6
MF410 S.P. w/Chevy 292, 1974-70		T20PR-U	0.9
MF510 S.P. w/Chevy 327 Engine		W20S-U	0.6
MF510 S.P. w/Chevy 350, 1975-73		T16R-U	0.9
26, 27, 27L, 60SP, 60PT, 70, 72,		W20S-U	0.6
35, 50 Clipper		M17	0.6
80, 82, 90, 92, S.P. 92 Super		W20S-U	0.6
Baler, Forage, Clipper, S.P. Clipper		M17	0.6
S.P. Cornpicker, Swather, Windrower		M17	0.6

Farm Equip & Tractors

NUFFIELD UNIVERSAL			
1984-51		M17	0.6
M3V, M4, PM4		W16ES-U	0.7
Tractor ETD Petrol		W16ES-U	0.7
Tractor ETC TVO		W16ES-U	0.7
OLIVER			
Wheel Tractors			
18mm Heads			
HC Models 55, Super 44, Super 55, 60, 66		M17	0.6
Super 66, 70, 77, Super 77, 78, Super 88		M17	0.6
99, (6 Cyl.), Super, 166, 177, 188, 199, 440		M17	0.6
550, 660, 770, 880, 950, 60KD, 66KD		M17	0.6
70KD, 77KD, 88KD, 1550, 1555		M17	0.6
14mm Heads			
Petrol			
1600, 1650, 1655, 1750, 1755		W16EP-U	0.8
All 1800 Series, 1850, 1855		W16EP-U	0.8
1250		W16FS-U	0.6
14mm Heads			
LP-Gas			
1600, 1650, 1655, 1750, 1755		W22ES-U	0.5
All 1800 Series, 1850, 1855		W22ES-U	0.5
Super 77, 88, 770, 880, 1550		M17	0.5
Crawler Tractors			
OC-6, AG-6		M17	0.6
AG, CG, DG, EG, EH, EHG, EN, FG, GG, HG, 15, 20		W20S-U	0.6
20C, 25, 30G, 35, 40, 40-30, 55, 80, OC-4		W20S-U	0.6
OC-12, Starting Diesels Models A, D, BD, DD		W20S-U	0.6
Combines			
6, 10, 15, 20, 22, 25, 30, 33SP, 35, 40		M17	0.6
430, 431, 525, 535, 542, 545, 5542			
(6 Cyl.)		W20SR-U	0.8
542, 545, 5542 V-8 Eng. (3/8" Reach)		W20P-U	0.8
542, 545, 5542 V-8 Eng. (3/4" Reach)		W16EP-U	0.8
5555 V-8 Engine (3/8" Reach)		W20P-U	0.8
5555 V-8 Engine (3/4" Reach)		W16EP-U	0.8
Balers			
8, 50, 60, 60T, 60W, 62T, 62W, 100, 101, 103		M17	0.6
520, 620, 720		M17	0.6
Harvesters			
Forage Harvester 840 w/Chry. Eng.		W16EP-U	0.8
840 w/G.M. 478 Eng.		W22ES-U	0.8
POWER PONLY (MOLLER)			
8H Tecumseh H80		W20S-U	0.7
10HP S.V. Tecumseh HH100		W20S-U	0.7
12HP S.V. Tecumseh HH120		W20S-U	0.7
14HP O.H.V Tecumseh OH140		W20FS-U/TR20	0.7
14HP Mk2 O.H.V. Tecumseh OH140		W20FS-U/TR20	0.7
16 & 18HP Tecumseh		W20FS-U/TR20	0.7

Ind. Tractors & Trucks

Model	Denso	
	Plug Type	mm
ALLIS-CHALMERS		
Gasoline		
14mm Heads		
B & S, I.H.C. & Wauk. Engs.	W14-U	0.6
Tractor Loader TL-6, TL-16	W14-U	0.6
Allis-Chalmers & Buda	W9-U	0.6
TL545G Frt. Endloader	W16ES-U	0.6
190, 190, XT	W16ES-U	0.6
H-4 Crawler	W16ES-U	0.6
G-153, G-230, G-262	W14E	0.6
TL-10, TL-12, TL-14	W14E	0.6
Onan CK	W16LS	0.6
18mm Heads		
I.H.C. & Wauk. Engs.	M14	0.6
Chore Boy, Wisc. Engs.	M14	0.6
Cont. Engs.	M14	0.6
LP-Gas		
14mm Heads		
190, 190XT (gap 0.5mm)	W24ES-U	0.5
18mm Heads		
I.H.C. & Wauk. Engs. (gap 0.5mm)	M14	0.5
Perkins Engines: Check engine used and refer to Commercial Engine Section.		
BMC		
Mini Tractor (Petrol)	W16ES-U	0.6
Mode 154, 425	W16ES-U	0.6
BOBCAT		
(See MELROE)		
BOLENS		
GK Model 860	M14	0.5
CASE		
14mm Heads		
LL, S1, V1	W14-U	0.6
18mm Heads		
1530, 1537	M14	0.6
C1, D1, LA1, L1, R1, VA1, V1	M14	0.6
210, 310, 320, 420, 430, 500	M14	0.6
520, 530, 600, 620, 680, 800	M14	0.6
M3, MB3, W3, W5, W7, W8	M14	0.6
W8B, W9, W9A, W9B, W10B	M14	0.6
GT, 500LK, W10 Terraloader	M14	0.6
CATERPILLAR		
Starting Engines		
14mm Heads		
D4C, D6B	W14P-U	0.6
D6, D7, D8, D9, RD4	W9P-U	0.7
DW15, DW20, DW21	W9P-U	0.7
D2, D4, 824, 834, (gap 0.8mm)	W9P-U	0.8
1404 w/Herc. G1600	W14-U	0.6
T30B, T40B	W16P-U	0.9
T35B, T45B, T55B, V30C	W16P-U	0.9
T50B, T60B	W16P-U	0.9
V35C, V40C, V45C, V50C	W16P-U	0.9
18mm Heads		
D2, D4, D6, D7, D8, D9	M14	0.6
DW10, DW15, DW20, DW21	M14	0.6
RD4, 824, 834	M14	0.6
CLARK		
Gasoline		
14mm Heads		
Series 81 w/Hercules Eng.	W20S-U	0.6
Ranger 150, 200, 300, YL350	W20S-U	0.6
Clarktor 6, 120, CFY, CY	W16S-U	0.6
Yardlift 260, YL150, HYL150	W16S-U	0.6

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Yardlift 150, Clark-Ross Y200 Truck	W14-U	0.6
Clark 75 (unshielded); Series 71H	W14-U	0.6
IT 50, 60, 70, 80	W16ES-U	0.6
YL150, HYL150, YL350	W205-U	0.6
Ranger 150, 200, 300,	W205-U	0.6
W/Ford 300, CID Eng.	MA20R-U	0.6
18mm Heads		
Clarklift C60, C70, C80, C500	M14	0.6
C500-Y55, 30, 55	M14	0.6
C500-Y20, Y25, 100, 120	M14	0.6
C500-Y130, Y150	M14	0.6
C500-Y40, Y60, Y70, Y80	M14	0.6
Car Loader, Clarkat, Clarkette	M14	0.6
Clipper, Tructractor, Utilitruc	M14	0.6
Yardlift 20, 40, 60, 100, 180	M14	0.6
CL20, 30, 40, 50, Clarktor 6	M14	0.6
Series 71F w/Ford Eng.	MA9P-U	0.6
LP-Gas		
Clarkette, Utilitruc	M14	0.6
Car Loader, Clarkat	M14	0.6
Clipper, Tructractor	M14	0.6
Yardlift 20, 40, 60, 100	M14	0.6
CL20, 30, 40, 50, 180	M14	0.6
DAVID BROWN		
Models 3800, 4600	W16EP-U	0.8
FERGUSON		
Petrol TE-20	M14	0.6
Petrol TE-A20, TE-C20, TK-K20, TE-P20, 35	W16FS-U	0.6
14mm 3/4" Reach	M14E	0.6
FIAT		
600, 601, 602, 30, 700A, 700C, 25C 25R	M14	0.8
55L	W14-U	0.8
FORD		
1300, 1600cc - O.H.V.	W22EP-U	0.8
2000cc - O.H.V.	MA20P-U	0.8
104 CID	W20EP-U	0.8
158, 201, 256 CID	W14E	0.8
134, 172, 192 CID	W14L	0.9
200, 250, 300, 302, 330 CID	MA20P-U	0.9
361, 391, 477, 534 CID	MA20P-U	0.9
351W, 360, 390 CID	MA16P-U	0.9
351C CID	T20P-U	0.9
460 CID	T16P-U	0.9
302A, 351A CID	T20P-U	0.9
200, 250 CID - 14mm - Iron Head	T16P-U	0.9
200, 250 CID - 14mm - Alloy Head	W16EP-U	0.9
200, 250 CID - 14mm - Alloy Head	J16AR-U	0.8
1.7, 2.0L 104 CID - V4	W20EP-U	0.6
Models 8N, 9N		
	W14L	0.6
HYSTER		
H20E, H25E, H30E	M14	0.6
H20-30E, H60-80B, H60-80C	M17	0.6
H30H, H40H, H50H, H60H	W16LS	0.6
H30-60F, KD, M3, M200-300E	W14-U	0.6
H110F, H130, H150F	T20R-U	0.9
H110-150F	T16P-U	0.9
H150-225E to Eng. No. 191268	W14-U	0.6
H150-225E, from No. 191269 on	W16EP-U	0.8
H200-H400	T20R-U	0.9
H250-300A to Eng. No. 191268	W14-U	0.6
H250-300A, from No. 191269 on	W16EP-U	0.8
H360-400A, H360-620B, M200-300F	W16ES-U	0.8
H360-460A, KE	M17	0.6
KDM3	W20SU	0.6
M200-300F, XA60-VA70-ZA80	W14-U	0.6
M200-400H	W16EP-U	0.6

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M200-300E, M200-300F		W20SU	0.6
P40A-P50A		T20R-U	0.9
P150B-P200B		M17	0.6
P125-180A to Eng. No. 191268		W14-U	0.6
P125-180A, from No. 191269 on		W16EP-U	0.8
QC20, QN20			
RC150-SC180-TC200 w/Herc		W14-U	0.9
RC150-SC180-TC200 w/Chry. IND-53 Eng.		W14-U	0.8
RC150-SC180-TC200 w/Chry. IND-53		W16ES-U	0.8
S30C, S40C, S50C		W16EP-U	0.8
S50E, S60E		T20R-U	0.9
S50E, S60S		T14PR-U	0.9
S60E, S70E, W/chev 250 cn.in.		T14PR-U	0.9
S80E, S100E w/Cher 250 cn.in.		T14PR-U	0.9
Models w/Ford 172, 192 CID Eng.		W14L	0.6
H20E-30E, H60-80B, H60-80C		M14	0.6
H100-120B, H100-150C, H360-460A		M14	0.6
H20E, H25E, H30E		M14	0.6
H30H, H40H, H50H, H60H		W14L	0.6
H60-100B, S125-S150A		M14	0.6
H60C, H70C, H80C		M14	0.6
KE, P60-80A, QC20, QN20, YT40		M14	0.6
P60A-P80A, KE		M14	0.6
S20-30A, S30-50B, S60-100A		M14	0.8
S60-100B, S125-150A		M14	0.9
S20A-S30A		M14	0.6
S40C-S50C		M14	0.8
S125A-S150A		M14	0.6
UC30-YC40-HC50, UE30-YE40-HE50		M14	0.6
INTERNATIONAL CRAWLER TRACTOR			
T-340		M22	0.6
Fork Lift			
444, 3444, 7000 (Gasoline)		W16FS-U	0.8
Backhoe/Loaders			
3444 (Gasoline)		W16FS-U	0.8
JOHN DEERE			
840 Gasoline Starting Engine		W14-U	0.6
440, 1010, 2010 Series		W14L	0.6
3010, 4010, JD500		M14	0.6
JD600, JD500A, JD500B		M14	0.6
JD300, JD300B, JD301, JD301A		W16EP-U	0.6
JD302, JD302A, JD310, JD350		W16EP-U	0.6
JD350B, JD350C, JD380, JD400		W16EP-U	0.6
JD401, JD401A, JD401B, JD401C		W16EP-U	0.6
JD410, JD440		W16EP-U	0.6
JD480, JD480A, JD440B, JD544		W16EP-U	0.6
JD500/A/B,600		M17	0.6
Petrol			
40,320, 330, 420, 430, 440		W16LS	0.6
50, 60, 70, 520, 530		M17	0.8
620, 630, 720, 730		M17	0.8
1010, 2010		W16LS	0.6
1020, 1520, 2020, 2030		W16EP-U	0.4
2510, 2520, 4030		W16EP-U	0.6
3010, 3020, 4000, 4014, 4020, 4230		M17	0.6
A, AR-AO, B, G, H		M17	0.8
FE-1		W16EP-U	0.6
FA210		W20MR-U	0.7
FB460V		W20MR-U	0.7
FC150		W20EP-U	0.8
FC290V		W16EPR-U	0.8
FC420		W16EPR-U	0.8
FC540V		W16EPR-U	0.8
FD440, 590		W20MR-U	0.7
FG150		W14FP-UL	0.7
L, LA-L1, M		W16LS	0.6
LP Gas			

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50, 60, 70, 520, 530		M17	0.4
620, 630, 720, 730		M17	0.4
1010, 2010		W16LS	0.4
2520, 3010, 3020		M17	0.4
4000, 4010, 4020, 4230		M17	0.4
KOMATSU FORKLIFT			
FG10-10, 15-10, 20-6, 25-6 Nissan H20-40, D11		W20ES-U	0.6
FG20S-1, 20-5, 25-1 - Isuzu G201		W20ES-U	0.6
FG15-11, 20-7, 25-7, 30-2, 30-7 Nissan H20-141 DA		W20ES-U	0.6
FG30-1, 35-1 - Nissan PPU 240		W20ES-U	0.6
FG35-2, 40-2		W20ES-U	0.6
MASSEY-FERGUSON TRACTORS			
MF35, MF50, MF65, MF85, MF88, MF90		M17	0.6
MF150, W/Cont Z-145		M17	0.6
MF230, MF235, MF245 W/Cont. Z-145		M17	0.6
MF180, MF175 w/Perkins AG4-236		W14-U	0.6
MF165 w/Perkins AG4-212		W14-U	0.6
MF135, MF150 w/Perkins AG3-152 (3/8" Reach)		W14-U	0.6
MF135, MF150 w/Perkins AG3-152 (3/4" Reach)		W16EP-U	0.6
MF175-180 w/Continental G-206		M14	0.6
MF175-180 w/Continental GB-206		M14	0.6
MF165 w/Continental G-176		M14	0.6
MF165 w/Continental GB-176 (LP-Gas)		M14	0.6
MF135 Special w/Continental Z-134		M14	0.6
MF135 Deluxe & Vineyard, w/Continental Z-145		M14	0.6
MF1100 w/Waukesha F-320G		M14	0.6
MF1100 w/Waukesha F-320G (LP-Gas)		M17	0.6
11 Pony, 16 Pacer, 21 Colt, 22, 22K, 23		M14	0.6
23K, 30, 30K, 33, TE20, TD35, F35, MF35		M14	0.6
F40, 44 Special, 333, 444, 555		M14	0.6
44, 55, MF50, MF65, MF85, MF88, MF90		M14	0.6
TO20, TO30, 203, 101 Jr., 102 Jr.		M14	0.6
44 Special, 333, 444, 555 (LP-Gas)		M22	0.6
TEA20		W16FS-U	0.6
MELROE			
M440, M444		W16LS	0.6
M500 Gasoline		W14-U	0.6
M500 LP-Gas		W20S-U	0.6
w/Kohler K-321, K582 Eng.		W14L	0.6
w/Wisc. VH4D Eng.		M14	0.6
w/Ford Ind. Eng.		W20EP-U	0.6
MICHIGAN			
Series II Tractor-Shovel			
w/Continental Engine F-224		M14	0.6
w/Waukesha Engine F-283G		W16EP-U	0.6
w/Waukesha Engine 135-GZ		W16LS	0.6
NISSAN			
Forklift H21, H30, DK11, D11K			
Normal Service		W16ES-U*	0.8
Light Service		W14E	0.8
LP-Gas Models (gap 0.4mm)		W20ES-U	0.8
*Light Service		W14E	0.8
D11, H20		W16ES-U	0.8
J15		W16EX-U	0.9
H30		W20ES-U	0.8
Forklift (A15) H01, H02		W14E	0.8
Forklift (A15) HO1, HO2, Low noise model		W9EP	0.8
Forklift (A15) NH01, NH02		W14E	0.8
Forklift (A15) K01, NK01		W14E	0.8
Forklift (D11) CFG101/103		W14E	0.8
Forklift (D11) FG101/102		W14E	0.8
Forklift (D11) FG103, NGF101		W14E	0.8
Forklift (J15) F01, CF01		W14E	0.8
Forklift (J15) F01/02, FG204		W16EP-U	0.9
Forklift (H20) H01, H02, K02		W14E	0.8
Forklift (H20) PF02, PGF02, PH02, CPF02		W14E	0.8

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Forklift (H20) CFG104, Pf02	W16ES-U	0.8
Forklift (H20) FG104/105	W16ES-U	0.8
Forklift (H30) FG106/107	W20ES-U	0.8
Forklift (P40) UF)3, UFG03, UF05	W14E	0.8
Forklift (Z24) H02	W14E	0.8
Forklift (TB42) F03, F05	W14E	0.8
Forklift All models (J15) 11/1978 on	W16EP-U	0.9
OLIVER		
Normal Service		
2-78, 2-78-L, 2-78-15, 2-78-17, 2-105	W16EP-U	0.6
4-78-L, 4-78-15, 4-78-17, 2-105	W16EP-U	0.6
4-78, 4-105	W16EP-U	0.6
263FL w/Chrysler HB225	W14EPR-U	0.6
25, 60, 70, 88	M14	0.6
2-63 w/Waukesha F232G	M14	0.6
2-44, 2-44-L, 2-44-LL	M14	0.6
2-44-FL, 2-62, 2-62-L, 2-62-15	M14	0.6
Super 55HC, 77, Super 77 & 88	M14	0.6
550	M14	0.6
Severe Service		
Super 55HC, 77, Super 77 & 88	M14	0.6
550: 263 w/Waukesha F232G	M14	0.6
2-44, 2-44-L, 2-44LL	M14	0.6
2-44-FL, 2-62, 2-62-L, 2-62-15	M14	0.6
263FL w/Chrysler HB225	W16ES-U	0.6
Super 66, 70	M17	0.6
99 (6 Cyl) Super 166, 177, 188, 199, 440	M17	0.6
70KD, 77KD, 88KD, 1550, 1555	M17	0.6
14mm Heads Petrol		
1600, 1650, 1655, 1750, 1755	W16EP-0	0.8
All 1800 Series 1850, 1855	W16EP-U	0.8
1250	W16FS-U	0.6
14mm Heads LP-Gas		
1600, 1650, 1655, 1750, 1755	W22ES-0	0.5
All 1800 Series, 1850, 1855	W22ES-0	0.5
Super 77, 88, 770, 880, 1550	M17	0.5
TOYOTA		
All Gasoline : (gas 0.8mm)		
3P Engine		
TG10	W16EX-U	0.9
FG7	W9EP-U	0.8
4P Engine		
FG23	W9EP-U	0.8
3FGC20, 3FGC25	W9EP-U	0.8
2FGC10, 2FGC15	W9EP-U	0.8
4FG10, 4FG14, 4FG15	W9EP-U	0.8
3FG20, 3FG23, 3FG25	W9EP-U	0.8
FGA7, FGA9, FG18, FG23	W9EP-U	0.8
5R Engine		
40-2FGC10, 40-2FGC15	W9EP-U	0.8
40-3FGC20, 40-3FGC25	W9EP-U	0.8
40-4FG10, 40-4FG14	W9EP-U	0.8
40-4FG15, 40-4FG18	W9EP-U	0.8
40-3FG10, 40-3FG15	W9EP-U	0.8
40-3FG20, 40-3FG23	W9EP-U	0.8
40-3FG25	W9EP-U	0.8
40-2FG20, 40-2FG25	W9EP-U	0.8
FGC10, -15, -30	W9EP-U	0.8
FGC20, -25	W9EP-U	0.8
FG10, -15, -20, -25, -30	W9EP-U	0.8
5P Engine		
60-4FG10, 60-4FG14	W9EP-U	0.8
60-4FG15, 60-4FG18	W9EP-U	0.8
60-3FG20, 60-3FG23	W9EP-U	0.8
60-3FG25	W9EP-U	0.8
62-3FG20, 62-3FG23	W9EP-U	0.8
62-3FG25	W9EP-U	0.8
2F Engine		
02-2FG32, 02-2FG35	W14EX-U	0.8

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02-2FG40, 2FG50, 2FG60		W14EX-U	0.8
F Engine			
02-FG32, 02-FG35		W14EX-U	0.8
02-FG40		W14EX-U	0.8
YALE			
KG51, KGP51, G10P, Y-18 (LP-Gas)		W16S-U	0.6
IHC, V345		W14-U	0.6
Yard King		W14-U	0.6
KG51, KGP51, G10P, Y-18 G54P		W9-U	0.6
Lift King w/Chrysler IND-31		W9-U	0.6
Chrysler H-318		W14P-U	0.6
G83 w/Chry. H-225 thru SN-E252034		W16EP-U	0.6
G83 w/Chry. H-225, SN-E252035 on		T16P-U	0.6
Ford K-292		MA9P-U	0.6
G51C, G54C, 52 Series		M14	0.6
Continental F124, F162, F163		M14	0.6
IHC VC135B		M14	0.6
Lift King w/IHC Engine		M14	0.6

AUTOLITE	DENSO	BOSCH	DENSO	BOSCH	NIPPONDENSO	BOSCH	NIPPONDENSO	CHAMPION	NIPPONDENSO	MOTORCRAFT	NIPPONDENSO	NGK	NIPPONDENSO
667	T16R-U15	B6BC	MA20P-U	HR8DX	T16	W5EC	W22S-U	A59G	X31ES-ZU	A2NX	W22M-U	A-6	M17
677	T16R-U15	B6BC	MA20P-U	HR8AC	T16R-U	W5EP	W22P-ZU	A5YC	X27EP-U9	A3NX	W22M-U	A-7	M22
723	T20PR-U	D6B	MA20P-U	HR9ACY	T16R-U15	W6AC	W20FS-U/RT20	A6G	X27ES-ZU	A3X	W20S-U	A-8	M24S
724	T20PR-U	D6BP	MA20P-U	HR9AP	T16R-U	W6AB	W20FS-U	A6Y	X28P-U9	A3Y	W20S-U	A-9	MA19P-U
725	T16PR-U15	D7AC	MA20P-U	HR9APY	T16R-U15	W6BC	W20P-U	A8	X24ES-U	ASX	W16S-U	APFS	MA16P-U
726	T16PR-U	D7BC	MA20P-U	HR9BC	T16PR-U	W6BP	W20FP-U	A8HC	X20EP-U9	A7	W14-U	APFS	MA20P-U
727	T14PR-U	D7BP	MA20P-U	HR9BCY	T16PR-U15	W6D1	W20EP-U	A8YC	X24EP-U9	A7LM	W14M-U	APRSFS	MA16P-U
745	MA16PR-U	D8AC	MA16R-U	HR9BCY	T16PR-U20	W6DC	W20EP-U	BL9Y	T20P-U	A7NX	W20M-U	APRSFS-11	MA16PR-U15
746	MA16PR-U	D8B	MA16R-U	HR9BP	T16PR-U	W6DCX	W20EP-U11	BL11Y	T20P-U	A7X	W14-U	APRSFS-15	MA16PR-U15
747	MA9PR-U	D8BC	MA16R-U	HR8BPX	T16PR-U11	W6DP	W22EP-U	C6BYC	K22P-B	A9	W9-U	APRSFS	MA20P-U
763	T16NR-U11	D8BP	MA16R-U	HR9BPY	T16PR-U15	W6DPX	W22EP-U11	C7GY	Q22PR-ZU	A9X	W9-U	ARFS	MA16R-U
764	T20PR-U	D9B	MA16R-U	HR9BPZ	T16PR-U20	W6DTC	T16PR-U20	C7YC	A11	W9-U	W9-U	ARFS-11	MA20R-U
765	T16PR-U	D9BC	MA16R-U	HR9D	T16PR-U	W7AC	W20FS-U/RT20	C7YCC	Q22P-U	A11NX	W14M-U	ARFS-11	MA20R-U11
784	MA20R-U	D10B	MA16R-U	HR9DX	T16R-U	W7CC	TR20	C9Y	Q20P-U	A11X	W9-U	B-2	W9U
804	MA20R-U11	D10BC	MA16P-U	HR10AC	T16R-U	W7AP	W20FS-U	C9YCC	K20P-U	A21X	W24S-U	B-4	W14-U5
847	W9PR-U15	DR6BC	MA20PR-U	HR10ACY	T16R-U15	W7BC	W20FP-U	C9YCC	Q20P-U	A22	W20P-U	B-4-10	W14-U10
864	T20PR-U	DR6BP	MA20PR-U	HR10BC	T14PR-U	W7BP	W20FP-U	C9YCC	K20P-U	A22NX	W22MP-U	B-4ES	W14E
865	T16PR-U	DR7BC	MA20PR-U	HR10BCY	T14PR-U15	WCC	W20ES-U	C10YCC	Q20P-U	A32	W20P-U	B-4H	W14F-U
965	T16PR-U20	DR7BP	MA20PR-U	HSSE	WA22M-U/	W7CCX	W20ES-U11	C7YCC	K20P-U	A42	W16P-U	B-4H-10	W14F-U10
2413	W34ES-U	DR8BC	MA16R-U	HSRE	T22M-U/	W7CCX	W20ES-U11	C27YCC	Q22P-U	AS2	W14P-U	B-4L	W14L
2414	W31ES-U	DR8BP	MA16R-U	HSRE	WA20M-U/	W7CP	W20ES-U	C281Y	Q22P-U	A82	W9P-U	B-6L	W16LS
2415	W27ES-U	DR8BPX	MA16PR-U11		T20M-U/	W7CPX	W16ES-U	C281Y	K20P-U	A901	W27S-U	B2LM	W9LM-U5
2416	W24ES-U	DR9BC	MA16PR-U	MA41	M24S	W7DC	W20EP-U	C14	W22M-U	AE1C	W22FS-U	B4LM	W14M-U
2417	W24ES-U	DR10BC	MA16PR-U	MA42	M24S	W7DCR	W20EP-U	C16	W22M-U	AE1X	W22FS-U	B5EB	W16ES-L
2454	W31FS-U	FSDC	Q22P-U	MA4C	M22	W7DCX	W20EP-U11	CJ6Y	W22MP-U	AE2	W22FS-U	B5ES	W16ES-U
2455	W27FS-U	FSDP	Q22P-U	MA5C	M22	W7DP	W20EP-U	CJ7Y	W22MP-U	AE2X	W22FS-U	B5HS	W16FS-U
2456	W24FS-U	FSDTC	Q22P-U	MA7C	M17	W7DPX	W20EP-U11	C18	W20M-U	AE3	W20FS-U	B6BF	W20ES-L
2457	W24FS-U	FSDC	Q20P-U	MA8C	M14	W7DTC	W20EP-U	C19Y	W20EP-U	AE3C	W20FS-U	B6ES-11	W20ES-L
2593	W27ES-U	F6DCX	Q20P-U11/K20P-U	MA8C0	L14-U	W7DX	W20EP-U11	CJ11	W14M-U	AE3X	W20FS-U	B6EL-11	W20ES-L11
2594	W24ES-U	F6DP	Q20P-U/K20P-U	MA8A	L14-U	W7EC	W20S-U	CJ14	W14M-U	AE4	W16FS-U	B6EM	W20EA
2612	W27ES-U	F6DPX	Q20P-U11/K20P-U11	M10AC	M14	W7EP	W20S-U	D6	M22	AE4C	W16FS-U	B6ES	W20ES-U
2613	W24ES-U	F6DTC	K22PB	M10ACO	L14-U	W7FC	W20P-U	D9	M22	AE6	W14F-U	B6ES-11	W20ES-U11
2614	W22ES-U	F7DC	120P-U/K20P-U	M12B	MA16P-U	W8AC	W16FS-U	D9J	M22	AE22	W22FP-U	B6ET	W20EB
2615	W22ES-U	F7DCX	K20PR-U11/Q20PR-U11	NSR8F	W20MP-U	W8A0	W16FS-U	D14	M14/L14-U	AE22C	W20P-U	B6EV	W20ES-ZU
2616	W20ES-U	F7DP	Q20P-U/K20P-U	U45	U22FS-U	W8AP	W16FP-U	D16	M14/L14-U	AE32	W20P-U	B6FS	W20F-U
2634	W27FS-U10	F8DC	Q16PR-U16P-U	U7A	U7A	W8AS	W16FS-U	D16J	M14/L14-U	AE32C	W20P-U	B6HS	W20S-U/
2635	W22FS-U	F8DC	Q20P-U	U75T1	U16FS-U	W8B	W14FP-U	D21	M14/L14-U	AE32	W16P-U	TR9	
2636	W20FS-U	FR5DC	Q22PR-U/	U260T1	U22FS-U	W8BC	W16FP-U	D16J	WA22M-U/	AE62	W9FP	B6HV	W20FS-U
2652	W24FS-U	FR5DC	K22PR-U	UR2AS	U24FS-U	W8BP	W16FP-U	T22M-U	AE901	W24FS-U	B6S	W20S-U	
2653	W22FS-U	FR5DP	Q22PR-U/	UR3AS	U22FS-U	W8CC	W16ES-U	DJ7J	WA20M-U/	AE901X	W24FS-U	B7EB	W22ES-L
2654	W22FS-U	FR5DP	K22PR-U/	UR4AS	U20FSR-U	W8CCX	W16ES-U	DJ7J	T20M-U	AE9A	W16FSR	B7EB-11	W22ES-L11
2655	W20FS-U	FR6DC	Q20PR-U/	W06GS	W34ES-ZU	W8CO	W16ES-U	DJ7Y	T20M-U	AE9B	W14FR-U	B7EM	W22EA
2656	W16FS-U	FR6DC	K20PR-U	W07CS	W34ES-ZU	W8CP	W16ES-U	DJ8Y	WA20M-U/	AE92	W22FP-U	B7ES	W22ES-U
2675	W27FS-U10	FR6DCX	Q20PR-U11	W08GS	W34ES-ZU	W8DC	W16EP-U	T20M-U	AE93	W20PR-U	B7ES-11	W22ES-U11	
2676	W14L	FR6DP	K20PR-U/	W2A	W20FS-U	W8DCX	W16EP-U	F7YC	MA20P-U	AE92X	W22M-U/	B7ET	W22EB
2677	W14L	FR6DP	Q20PR-U	W2AC	W276S-U	W8DCY	W16EP-U11	F7YCC	MA20P-U	T22M-U	B7EV	W22ES-ZU	
2695	M24S	FR6DP	K20PR-U	W2AS	W27ES-ZU	W8DP	16EP-U	F9YC	MA20P-U	AFS9X	WA20M-U/	B7HCS	W22FS-U
2696	M22	FR6DPX	Q20PR-U11/	W2CC	W27ES-U	W8DPX	W16EP-U11	F11Y	MA16P-U	F11Y	T20M-U	B7HS	W22FS-U/
2697	M17	FR6DPX	K20PR-U11	W2CO	W27ES-U	W8DX	W16EP-U11	F11YC	MA16P-U	AF22	T20P-U	TR22	
2715	X24FS-U	FR6DPX	Q22PR-U/	W2CS	W31ES-ZU	W8E	W16S-U	F14Y	MA9P-U	AF32	T20P-U	B7HS-10	TR2-10
2716	X20FS-U	FR6DP	K22PR-U/	W3A	W24FS-U	W8EC	W16S-U	G1	U27ES-N	AF42	T16P-U	B7HV	W22FS-ZU
2735	X20FS-U	FR6DTC	Q20PR-U/	TR24	W8FC	W8EP	W16P-U	G2	U24ES-N	AF52	T16P-U	B7S	W22S-U
2735	X20ES-U	FR6DTC	K20PR-U	W3AC	W24FS-U	W8CR	W16EX-U	G5S	U27ES-N	AG1	W24ES-U	B7J	W24ES-V
2772	M22	FR7DC	Q20PR-U11/	TR24	W9A	W14F-U	W14F-U	G5S	U27ES-N	AG1C	W24ES-U	B8EGP	W25EPT
2773	M22	FR7DC	Q20PR-U11	W3AO	W24FS-U	W9AC	W14F-U	G61	U24ES-N	AG1X	W22ES-U	B8EGV	W24ES-ZU
2775	M14/L14-U	FR7DCX	Q20PR-U/	TR24	W9AO	W14F-U	G63	U24ES-N	AG2	W22ES-U	B8EM	W25EA	
2795	U22FS-U	FR7DP	K20PR-U	W3AP	W24FS-U	W9AO	W14I	H03	W20S-U	AG2C	W22ES-U	B8EN	W24ES-V
2796	U20FS-U	FR7DP	Q20PR-U11	W3AS	W24FS-ZU	W9CC	W14E	H8	W16LS	AG2X	W22ES-U	B8EP	W25EPT
2852	SF-50	FR7DP	K20PR-U11	W3C	W24ES-U	W9DC	W14EX-U11	H8J	W16LS	AG3	W20ES-U	B8ES	W24ES-U
2872	SF-51	FR7DPX	Q16PR-U	W3CC	W24ES-U	W9DCX	W14EX-U11	H10	W14L	AG3C	W20ES-U	B8ESS-11	W24ES-U11
2892	SF-10	FR7DP	K16PR-U	W3C0	W24ES-U	W9DC	W14EX-U11	H10	W14L	AG4	W20S-U	B8F	W24ES-U
2954	WA22M-U/T22M-U	FR8DC	Q16PR-U11/	W3CP	W24ES-U	W9DPX	W14EX-U11	H10	W14L	AG4	W16ES-U	B8EV	W24ES-ZU
2956	WA20M-U/T20M-U	FR8DCX	K16PR-U11	W3CS	W27ES-ZU	W9E	W14-U	H12	W14L	AG5	W16ES-U	B8FP	W25EPT
2974	W22MP-U	FR8DCX	W24EP-U15	W3DP	W24EP-U	W9EC	W14-U	J2	W14E	AG7	W14E	B8HS	W24FS-U/
3013	W24S-U	FR8DCX	Q16PR-U11/	W3DP2	W24EP-U	W9ECO	W14-U	J4	W24S-U	AG9	W14E	B8HS	TR24
3014	W20S-U	FR8DCX	K16PR-U11	W3DP2	W24EP-U	W9E0	W14L-U	J4C	W24S-U	AG12	W24EP-U	B8HS-10	W24FS-U10/
3017	W9-U	FR8DCX	Q16R-U11/	W4A	W24FS-U	W9FC	W14P-U	J5	W22S-U	AG12C	W24EP-U	TR24-10	
4052	W31ES-U	FR8DCX	K16R-U11	W4A1	W24FS-U	W10A	W14F-U	J6	W20S-U	AG22	W22EP-U	B8HV	W24FS-U
4053	W27ES-U	FR8LXC	Q16R-U11	W4A2	W24FS-U	W10AC	W14F-U	J6C	W20S-U	AG22C	W22EP-U	B8S	W24S-U
4054	W24ES-U	FR8LXC	K16R-U11	W4A5	W24FS-U	W10C	W14E	J6J	W20S-U	AG23	W24ES-ZU	B9EG	W27ES-U
4055	W22ES-U	FR8LPC	Q16PR-U11/	W4AC	W22FS-U/	W10CC	W14E	J7	W16S-U	AG32A	W20EP-U	B9EGP	W27EPT
4056	W20ES-U	FR8LPC	K16PR-U11	TR22	W10D	W9EP	J7C	W16S-U	AG32C	W20EP-U	B9EGV	W27ES-ZU	
4062	W31ESR-U	FR10DCX	Q16PR-U11/	W4AP	W24FS-U	W10DC	W9EP	J8Y	W14E-U	AG42	W16EP-U	B9EP	W27EPT
4063	W27ESR-U	FR10DCX	K16PR-U11	W4AS	W22FS-ZU	W10E	W9-U	J10	W20P-U	AG52	W14EP-U	B9ES	W27ES-U
4092	W24FS-U	H5DC	T22EP-U	W4C1	W24ES-U	W10F	W9P-U	J11	W9-U	AG82	W16EP-U	B9EV	W27ES-U
4093	W22FS-U	H5DC0	T22EP-U	W44C2	W22ES-U	W12A	W14F-U	J11J	W9-U	AG203	W34ES-ZU	B9HCS	W27FS-U
4113	W20PR-U	H5DP	T20EP-U	W4C3	W24ES-U	W12B	W14E	J11Y	W9-U	AG403	W34ES-ZU	B9HP	W27EPT
4114	W20PR-U	H6B	T20P-U	W4CC	W22ES-U	W45T1	W14F-U	J12	W9-U	AG603	W27ES-ZU	B9HS	W27S-U
4123	W20PR-U	H6BC	T20P-U	W4CPX	W22ES-U11	W45T3	W9-U	J12YC	W16P-U	AG701	W27ES-U	B9HS-10	W27FS-U10
4132	X27ES-U	H6DC	T20EP-U	W4CS	W24ES-U	W240R17	W24ES-ZU	J13Y	W14P-U	AG710	W27ES-U	B9HV	W27FS-U
4143	X24ESR-U	H6DP	T20EP-U	W4DD	W22EP-U	W260MZ1	W24FS-U	J14YC	W14P-U	AG710X	W27ES-U	B9S	W27S-U
4152	X27EP-U9	H7DC	T20EP-U	W4DPO	W22EP-U	W260Z2	W24ES-U	J17LM	W14M-U	AG901	W27ES-U	B-10	W31S-U
4153	X24EP-U9	H7DP	T20EP-U	W4E2	W24S-U	W280MZ1	W24FS-U	J18YC	W9P-U	AG901C			

						WR9FCY	W16PR-U15	N6Y	W24EP-U	AT4	W16S-U	BCPR7EY-N-11	Q22PR-U11
						WR9FCZ	W16PR-U20	N6YC	W24EP-U	AT6	W14-U	BCPR7EY-N-11	Q22PR-U11
						WR9FP	W16PR-U	N6YCC	W24EP-U	AT8	W14-U	BCRSES-11	Q24PR-ZU
						WR9FPY	W14PR-U15	N7	W16ES-U	AT10	W9-U	BCRES27Y	AJ16AR-U
						WR9HC	W16PR-U	N7BYC	W22EPB	AT42	W14-U	BCRES27Y-11	QJ16AR-U11
						WR9LS	W14CR-U	N7GY	W22EP-ZU	ATL3	W16LS	BES29Y-11	J8B-U11
						WR10FC	W14PR-U	N7Y	W22EP-U	ATL4	W16LS	BKRSE	K16PR-U
						WR10FCY	W14PR-U15	N7YC	W22EP-U	ATL8	W14L	BKRSE-11	K16PR-U11
						WR10FCZ	W14PR-U15	N7YC4	W22EP-U11	AV1X	W22FS-U	BKRSE-N-11	K16PR-U11
						WR10FY	W9PR-U15	N7YCC	W22EP-U	AV2X	W20FS-U	BKRSES	K16PR-U
						WS5E	W22M-U	N8	W14E	AV4	W16FS-U	BKRSES-11	K16PR-U11
						WS5F	W22MP-U	N8GY	W22EP-ZU	AV6	W14E-U	BKRSEY	K16R-U
						WS7E	W22M-U	N9BYC	W20EPB	AV23	W24FS-ZU	BKRSEYA	K16R-U
						WS7E	W22MP-U	N9YC	W20EP-U	AV203	W34FS-ZU	BKRSEYA-11	K16R-U11
						WS8E	W20M-U	N9YC4	W20EP-U11	AV403	W31FS-ZU	BKR6E	K20PR-U
						WS8F	W20MP-U	N9YCC	W20EP-U	AV603	W27FS-ZU	BKR6-11	K20PR-U11
						WSR6F	W22MPR-U	N10Y4	W20EP-U11	AV901X-4	W27FS-U10	BKR6E-N-11	K20PR-L11
						WSR8F	W20MP-U	N11YC	W16EP-U	AV903	W24FS-ZU	BKR6EP-8	PK20R8
						WSR9E	W14MR-U	N11YCC	W16EP-U	AVKO	SF-50	BKR6ES	K20PR-U
						X2A	X24FS-U	N12YC	W16EP-U	AVKOD	SF-51	BKR6ES-11	K20PR-U11
						X2C	X24ES-U	N12YCC	W16EP-U	AVZKO	SF-10	BKR6EY	K20R-U
						X4A	X20FS-U	N13Y	W14EP-U	AWRF32	T20EPR-U	BKR6EY-11	K20R-U11
						X4C	X20ES-U	N16YC	W14EP-U	AWRF42	T16EPR-U	BKR6EYA	K20R-U
						X4CS	X24ES-U	N21	W14E	AWSF22C	T20EPR-U	BKR6EYA-11	K20R-U11
						X5DC	X24EP-U	N57	W31ES-U	AWSF32	T20EPR-U	BKR6EY-11	K20R-U11
						X7A	X16FS-U	N57G	W31ES-ZU	AWSF34C	T20NR-U11	BKR7E	K22PR-U
						X175T1	X16FS-U	N59G	W29ES-ZU	AWSF42	T16EPR-U	BKR7E-11	K22PR-U11
						XR2AS	X24FSR-U	N60R	W24EP-U	AWSF42C	T16EPR-U	BKR7E-N-11	K22PR-L11

AUTOLITE	DENSO	BOSCH	DENSO
667	T14PR-U15		
687	T16R-U15	B6BC	MA20P-U
723	T20PR-U	D6B	MA20P-U
724	T20PR-U	D6BP	MA20P-U
725	T16PR-U	D7AC	MA20R-U
726	T16PR-U	D7BC	MA20P-U
727	T14PR-U	D7BP	MA20P-U
745	MA16PR-U	D8AC	MA16R-U
746	MA16PR-U	D8B	MA16R-U
747	MA9PR-U	D8BC	MA16P-U
763	T16NR-U11	D8BP	MA16P-U
764	T20EPR-U	D9B	MA16P-U
765	T16EPR-U	D9BC	MA16P-U
784	MA20R-U	D10B	MA16P-U
804	MA20R-U11	D10BC	MA16P-U
847	W9PR-U15	DR6BC	MA20PR-U
864	T20EPR-U	DR6BP	MA20PR-U
865	T16EPR-U	DR7BC	MA20PR-U
965	T16PR-U20	DR7BP	MA20PR-U
2413	W34ES-U	DR8BC	MA16PR-U
2414	W31ES-U	DR8BP	MA16PR-U
2415	W27ES-U	DR8BPX	MA16PR-U11
2416	W24ES-U	DR9BC	MA16PR-U
2417	W24ES-U	DR10BC	MA16PR-U
2454	W31FS-U	F5DC	Q22P-U
2455	W27FS-U	F5DP	Q22P-U
2456	W24FS-U	F5DTC	Q22P-U
2457	W24FS-U	F6DC	Q20P-U
2593	W27ES-U	F6DCX	Q20P-U11/K20P-U
2594	W24ES-U	F6DP	Q20P-U/K20P-U
2612	W27ES-U	F6DPX	Q20P-U11/K20P-U11
2613	W24ES-U	F6DTC	K22PB
2614	W22ES-U	F7DC	120P-U/K20P-U
2615	W22ES-U	F7DCX	K20PR-U11/Q20PR-U11
2616	W20ES-U	F7DP	Q20P-U/K20P-U
2634	W27FS-U10	F8DC	Q16P-U/K16P-U
2635	W22FS-U	F8LCR	Q16R-U/K16R-U
2636	W20FS-U	FR5DC	Q22PR-U/
2652	W24FS-U		K22PR-U
2653	W22FS-U	FR5DP	Q22PR-U/
2654	W22FS-U		K22PR-U
2655	W20FS-U	FR6DC	Q20PR-U/
2656	W16FS-U		K20PR-U
2675	W27ES-U10	FR6DCX	Q20PR-U11/
2676	W14L		K20PR-U11
2677	W14L	FR6DP	Q20PR-U
2695	M24S		K20PR-U
2696	M22	FR6DPX	Q20PR-U11/
2697	M17		K20PR-U11
2715	X24FS-U	FR6DTC	Q22PR-U/
2716	X20FS-U		K22PR-U
2735	X20FS-U	FR7DC	Q20PR-U/
2755	X20ES-U		K20PR-U
2772	M22	FR7DCX	Q20PR-U11/
2773	M22		K20PR-U11
2775	M14/L14-U	FR7DP	Q20PR-U/
2795	U22FS-U		K20PR-U
2796	U20FS-U	FR7DPX	Q20PR-U11
2852	SF-50		K20PR-U11
2872	SF-51	FR8DC	Q16PR-U
2892	SF-10		K16PR-U
AUTOLITE	DENSO	BOSCH	DENSO
2954	WA22M-U/T22M-U	FR8DCX	Q16PR-U11/

2956	WA20M-U/T20M-U		K16PR-U11
2974	W22MP-U	FR8DCY	Q16PR-U15
3013	W24S-U		
3014	W20S-U		
3017	W9-U		
4052	W31ES-U		
4053	W27ES-U	FR8LCX	Q16R-U11
4054	W24ES-U		K16R-U11
4055	W22ES-U	FR8LPX	Q16PR-U11/
4056	W20ES-U		K16PR-U11
4062	W31ESR-U	FR10DCX	Q16PR-U11/
4063	W27ESR-U		K16PR-U11
4092	W24FS-U	H5DC	T22EP-U
4093	W22FS-U	H5DCO	T22EP-U
4113	W20FP-U	H5DP	T20EP-U
4114	W20FP-U	H6B	T20P-U
4123	W20FPR-U	H6BC	T20P-U
4132	X27ES-U	H6DC	T20EP-U
4143	X24ESR-U	H6DP	T20EP-U
4152	X27EP-U9	H7DC	T20EP-U
4153	X24EP-U9	H7DP	T20EP-U
4162	X24EPR-U9	H7DPY	T20EP-U15
4163	X24EPR-U9	H8BC	T16P-U
4164	X27EPR-U9	H8BP	T16P-U
		H9BC	T16P-U
		H10BC	T16P-U
		HR6BC	T20PR-U
		HR6BP	T20PR-U
		HR6DC	T20EPR-U
		HR6DP	T20EPR-U
		HR6DS	T20EPR-U
		HR7DC	T20EPR-U
		HR8AC	T16R-U
		HR8ACY	T16R-U15
		HR8AP	T16R-U
		HR8APY	T16R-U15
		HR8BC	T16PR-U
		HR8BCY	T16PR-U15
		HR8BP	T16PR-U
		HR8BPX	T16PR-U11
		HR8BPY	T16PR-U15
		HR8BPZ	T20PR-U20
		HR8DCX	T16EPR-U
		HR8DPX	T16EPR-U
		HR9AC	T16R-U
		HR9ACY	T16R-U15
		HR9AP	T16R-U
		HR9APY	T16R-U15
		HR9BC	T16PR-U
		HR9BCY	T16PR-U15
		HR9BCZ	T16PR-U20
		HR9BP	T16PR-U
		HR8BPX	T16PR-U11
		HR9BPY	T16PR-U15
		HR9BPZ	T16PR-U20
		HR9DC	T16EPR-U
		HR9DX	T16EPR-U
		HR10AC	T16R-U
		HR10ACY	T16R-U15
		HR10BC	T14PR-U
		BOSCH	DENSO
		HR10BCY	T14PR-U15
		HS5E	WA22M-U/
			T22M-U

		HS8E	WA20M-U/ T20M-U
		MA41	M24S
		M4A2	M24S
		M4AC	M22
		M5AC	M22
		M7AC	M17
		M8AC	M14
		M8AC0	L14-U
		M8AO	L14-U
		M10AC	M14
		M10ACO	L14-U
		M10AO	L14-U
		M12B	MA16P-U
		NSR8F	W20MP-U
		U4A	U22FS-U
		U7A	U16FS-U
		I175T1	U16FS-U
		U260T1	U22FS-U
		UR2AS	U24FSR-U
		UR3AS	U22FSR-U
		UR4AS	U20FSR-U
		WO6CS	W34ES-ZU
		WO7CS	W34ES-ZU
		W08CS	W31ES-ZU
		W2A	W27FS-U
		W2AC	W27FS-U
		W2AS	W27FS-ZU
		W2CC	W27ES-U
		W2CO	W27ES-U
		W2CS	W31ES-ZU
		W3A	W24FS-U/ TR24
		W3AC	W24FS-U/ TR24
		W3AO	W24FS-U/ TR24
		W3AP	W24FS-U
		W3AS	W24FS-ZU
		W3C	W24ES-U
		W3CC	W24ES-U
		W3CO	W24ES-U
		W3CP	W24ES-U
		W3CS	W27ES-ZU
		W3DP	W24EP-U
		W3DP2	W24EP-U
		W3DPO	W24EP-U
		W4A	W24FS-U
		W4A1	W24FS-U
		W4A2	W22FS-U
		W4A5	W24FS-U
		W4AC	W22FS-U/ TR22
		W4AP	W24FS-U
		W4AS	W22FS-ZU
		W4C1	W24ES-U
		W4C2	W22ES-U
		W4C3	W24ES-U
		W4CC	W22ES-U
		BOSCH	DENSO
		W4CP	W24ES-U
		W4CPX	W22ES-U11
		W4CS	W24ES-ZU
		W4DP	W22EP-U

CrossRef

		W4DPO	W22EP-U
		W4E2	W24S-U
		W5AC	W22FS-U/ TR22
		W5AP	W22FS-U
		W5AS	W22FS-ZU
		W5B	W22FP-U
		W5BC	W22FP-U
		W5BP	W20FP-U
		W5C	W22ES-U
		W5CC	W22ES-U
		W5CC0	W22ES-U
		W5CCX	W22ES-U11
		W5CP	W22ES-U
		W5CPX	W22ES-U11
		W5CS	W22ES-ZU
		W5D	W22EP-U
		WD1	W22EP-U
		W5DC	W22EP-U
		W5DCO	W22EP-U
		W5DCX	W22EP-U11
		W5DP	W22EP-U
		W5DPX	W22EP-U11
		W5DTC	W24EP-U
		W5EC	W22S-U
		W5EP	W22FP-ZU
		W6AC	W20FS-U/TR20
		W6AS	W20FS-U
		W6BC	W20FP-U
		W6BP	W20FP-U
		W6D1	W20EP-U
		W6DC	W20EP-U
		W6DCX	W20EP-U11
		W6DP	W22EP-U
		W6DPX	W22EP-U11
		W6DTC	W22EPB
		W7AC	W20FS-U/TR20
		W7AP	W20FS-U
		W7BC	W20FP-U
		W7BP	W20FP-U
		W7CC	W20ES-U
		W7CCX	W20ES-U11
		W7CX	W20ES-U11
		W7CP	W20ES-U
		W7CPX	W16ES-U
		W7DC	W20EP-U
		W7DCR	W20EPR-U
		W7DCX	W20EP-U11
		W7DP	W20EP-U
		W7DPX	W20EP-U11
		W7DTC	W20EPB
		W7DX	W20EP-U11
		W7EC	W20S-U
		W7EP	W20S-U
		W7FC	W20P-U
		W8AC	W16FS-U
		W8A0	W16FS-U
		BOSCH	DENSO
		W8AP	W16FP-U
		W8AS	W16FS-U
		W8B	W14FP-U
		W8BC	W16FP-U
		W8BP	W16FP-U
		W8CC	W16ES-U

		W8CCX	W16ES-U
		W8CO	W16ES-U
		W8CP	W16ES-U
		W8DC	W16EP-U
		W8DCX	W16EP-U11
		W8DCY	W16EP-U11
		W8DP	16EP-U
		W8DPX	W16EP-U11
		W8DTC	W20EPB
		W8DX	W16EP-U11
		W8E	W16S-U
		W8EC	W16S-U
		W8FC	W16P-U
		W8LCR	W16EXR-U
		W9A	W14F-U
		W9AC	W14F-U
		W9ACO	W14F-U
		W9AO	W14L
		W9CC	W14E
		W9DC	W14EP-U
		W9DCX	W14EX-U11
		W9DP	W14EX-U
		W9DPX	W14EX-U11
		W9E	W14-U
		W9EC	W14-U
		W9ECO	W14-U
		W9EO	W14LM-U
		W9FC	W14P-U
		W10A	W14F-U
		W10AC	W14F-U
		W10C	W14E
		W10CC	W14E
		W10D	W9EP
		W10DC	W9EP
		W10E	W9-U
		W10F	W9P-U
		W10FC	W14P-U
		W12A1	W14F-U
		W12E	W9-U
		W45T1	W14F-U
		W45T3	W9-U
		W240R17	W24ES-ZU
		W260MZ1	W24FS-U
		W260MZ2	W24ES-U
		W280MZ1	W24FS-U
		W280MZ2	W24ES-U
		W300MZ2	W27ES-U
		WAK145T3	WA20M-U/ T20M-U
		WAK225T3	WA20M-U/ T20M-U
		WEA	SF-50
		WR2AC	W27FSR
		WR4AC	W24FSR
		WR4BC	W24FPR
		WR4CC	W22ESR-U
		WR4CP	W24ESR-U
		BOSCH	DENSO
		WR5AC	W22FSR
		WR5BC	W22PR-U
		WR5CC	W22ESR-U
		WR5CP	W22ESR-U
		WR5DC	W22EPR-U
		WR5DCX	W22EPR-U11

		WR5DP	W22EPR-U
		WR5DS	W22EPR-U
		WR6BC	W20FPR-U
		WR6DC	W20EPR-U
		WR6DCX	W20EPR-U11
		WR6DP	W20EPR-U
		WR6DPX	W20EPR-U11
		WR6DS	W20EPR-U
		WR7AC	W20FSR-U
		WR7B	W20FPR-U
		WR7BC	W20FPR-U
		WR7BP	W20FPR-U
		WR7CC	W20ESR-U
		WR7CCX	W20ESR-U
		WR7CP	W20ESR-U
		WR7CPX	W20ESR-U
		WR7DC	W20EPR-U
		WR7DCX	W20EPR-U11
		WR7DP	W20EPR-U
		WR7DPX	W20EPR-U11
		WR7DS	W20EPR-U
		WR7DSX	W20EPR-U11
		WR7F	W20PR-U
		WR8AC	W16FSR-U
		WR8BC	W14FPR-U
		WR8CC	W16ESR-U
		WR8CP	W16ESR-U
		WR8DC	W16EPR-U
		WR8DCX	W16EPR-U11
		WR8DP	W16EPR-U
		WR8DPX	W16EPR-U11
		WR8DPY	W16EPR-U11
		WR8DS	W16EPR-U
		WR8DSX	W16EPR-U11
		WR8EC	W20SR-U
		WR8EP	W20SR-U
		WR8FC	W16PR-U
		WR8FP	W16PR-U
		WR8FPY	W16PR-U15
		WR8FPZ	W16PR-U20
		WR9CC	W16ESR-U
		WR9DC	W14EPR-U
		WR9DCY	W14EXR-U15
		WR9DP	W14EPR-U
		WR9DPX	W14EXR-U11
		WR9DS	W16EPR-U
		WR9DSX	W14EXR-U11
		WR9EC	W20SR-U
		WR9ECO	W20SR-U
		WR9FC	W16PR-U
		WR9FCY	W16PR-U15
		WR9FCZ	W16PR-U20
		WR9FP	W16PR-U
		WR9FPY	W14PR-U15
		WR9HC	J16BR-U
		BOSCH	DENSO
		WR9LS	J14CR-U
		WR10FC	W14PR-U
		WR10FCY	W14PR-U15
		WR10FCZ	W14PR-U15
		WR10FY	W9PR-U15
		WS5E	W22M-U
		WS5F	W22MP-U
		WS7E	W22M-U

		WS7F	W22MP-U
		WS8E	W20M-U
		WS8F	W20MP-U
		WSR6F	W22MPR-U
		WSR8F	W20MP-U
		WSR9E	W14MR-U
		X2A	X24FS-U
		X2C	X24ES-U
		X4A	X20FS-U
		X4C	X20ES-U
		X4CS	X24ES-U
		X5DC	X24EP-U
		X7A	X16FS-U
		X175T1	X16FS-U
		XR2AS	X24FSR-U
		XR2CS	X24ESR-U
		XR4AS	X24FSR-U
		XR4CS	X24ESR-U
		XR5DC	X24EPR-U9
CHAMPION	DENSO	MOTORCRAFT	DENSO
A59G	X31ES-ZU	A2NX	W22M-U
A5YC	X27EP-U9	A3NX	W22M-U
A6G	X27ES-ZU	A3X	W20S-U
A6YC	X24EP-U9	A5	W16S-U
A8	X24ES-U	A5X	W16S-U
A8HC	X20EP-U9	A7	W14-U
A8YC	X24EP-U9	A7LM	W14LM-U
BL9Y	T20P-U	A7NX	W20M-U
BL11Y	T20P-U	A7X	W14-U
C6BYC	K22PB	A9	W9-U
C7GY	Q22PR-ZU	A9X	W9-U
C7YC	Q22P-U	A11	W9-U
C7YCC	Q22P-U	A11NX	W14M-U
C9YC	Q20P-U/ K20P-U	A11X	W9-U
C9YCC	Q20P-U/ K20P-U	A21X	W24S-U
		A22	W20P-U
		A22NX	W22MP-U
C10YCC	Q20P-U/ K20P-U	A32	W20P-U
		A42	W16P-U
C279YC	Q22P-U	A52	W14P-U
C281YC	Q22P-U/ K20P-U	A82	W9P-U
		A901	W27S-U
CJ4	W22M-U	AE1C	W22FS-U
CJ6	W22M-U	AE1X	W22FS-U
CJ6Y	W22MP-U	AE2	W22FS-U
CJ7Y	W22MP-U	AE2X	W22FS-U
CJ8	W20M-U	AE3	W20FS-U
CJ8Y	W20MP-U	AE3C	W20FS-U
CJ11	W14M-U	AE3X	W20FS-U
CJ14	W14M-U	AE4	W16FS-U
D6	M22	AE4C	W16FS-U
D9	M22	AE6	W14F-U
CHAMPION	DENSO	MOTORCRAFT	DENSO
D9J	M22	AE22	W22FP-U
D14	M14/L14-U	AE22C	W20FP-U
D16	M14/L14-U	AE32	W20FP-U
D16J	M14/L14-U	AE32C	W20FP-U
D21	M14/L14-U	AE42	W16FP-U
DJ16J	WA22M-U/ T22M-U	AE62	W9FP
		AE901	W24FS-U
DJ7J	WA20M-U/ T20M-U	AE901X	W24FS-U
		AER4	W16FSR
DJ7Y	T20MP-U	AER6	W14FR-U

DJ8J	WA20M-U/ T20M-U	AER22 AER32	W22FPR-U W20FPR-U
F7YC	MA20P-U	AF3NX	WA22M-U/ T22M-U
F7YCC	MA20P-U		
F9YC	MA20P-U	AF5NX	WA20M-U/ T20M-U
F11Y	MA16P-U		
F11YC	MA16P-U	AF22	T20P-U
F14Y	MA9P-U	AF32	T20P-U
G1	U27ES-N	AF42	T16P-U
G2	U24ES-N	AF52	T16P-U
G55	U27ES-N	AG1	W24ES-U
G58	U27ES-N	AG1C	W24ES-U
G61	U24ES-N	AG1X	W22ES-U
G63	U24ES-N	AG2	W22ES-U
H03	W20S-U	AG2C	W22ES-U
H8	W16LS	AG2X	W22ES-U
H8J	W16LS	AG3	W20ES-U
H10	W14L	AG3C	W20ES-U
H10J	W14L	AG3X	W20ES-U
H11	W14L	AG4	W16ES-U
H12	W14L	AG5	W16ES-U
J2J	W27S-U	AG7	W14E
J4	W24S-U	AG9	W14E
J4C	W24S-U	AG12	W24EP-U
J5	W22S-U	AG12C	W24EP-U
J6	W20S-U	AG22	W22EP-U
J6C	W20S-U	AG22C	W22EP-U
J6J	W20S-U	AG23	W24ES-ZU
J7	W16S-U	AG32A	W20EP-U
J7J	W16S-U	AG32C	W20EP-U
J8C	W14-U	AG42	W16EP-U
J10Y	W20P-U	AG52	W14EP-U
J11	W9-U	AG82	W9EP-U
J11J	W9-U	AG203	W34ES-ZU
J11Y	W16P-U	AG403	W31ES-ZU
J12J	W9-U	AG603	W27ES-ZU
J12YC	W16P-U	AG701	W27ES-U
J13Y	W14P-U	AG701C	W27ES-U
J14YC	W14P-U	AG701X	W27ES-U
J17LM	W14LM-U	AG901	W27ES-U
J18YC	W9P-U	AG901C	W27ES-U
K7	M24S	AG901X	W27ES-U
K8	M22	AG903	W24ES-ZU
K13	M14	AGF12C	T22EP-U
K15J	M14	AGF22C	T20EP-U
L2G	W27FS-ZU	AGP12C	Q22P-U
L3G	W24FS-ZU	AGP22C	Q20P-U
L4G	W24FS-ZU	AGPR12C	Q22PR-U
L4J	W27FS-U	AGPR22C	Q20PR-U
L5	W22FS-U/ TR22	AGR2C AGR12C	W22ESR-U W24EPR-U
CHAMPION	DENSO	MOTORCRAFT	DENSO
L6G	W22FS-ZU	AGR21	W22ESR
L7J	W22FS-U/ TR22	AGR22C AGR31	W22EPR-U W20ESR-U
L9G	W20FS-ZU	AGR32	W20EPR-U
L9J	W20FS-U/ TR22	AGR32C AGR42	W20EPR-U W16EPR-U
L10	W14F-U	AGR42C	W16EPR-U
L12Y	W16FP-U	AGR52	W14EPR-U
L78	W24FS-U/ TR24	AGRF22 AGRF22C	T20EPR-U T20EPR-U
L15Y	W9FP	AGRF22-6	T20EPR-U15
L20V	SF-50	AGRF32	T20EPR-U

L288	W16FS-U	AGRF42	T16EPR-U
L55G	W31FS-ZU	AGRF52	T16EPR-U
L64Y	W22FP-U	AGS32C	W16EPR-U
L66Y	W20FP-U	AGS32C-11	W16EXR-U11
L76V	SF-50	AGSP32C	Q16PR-U
L77J	W27FS-U	AL5	W16LS
L77J4	W27FS-U10	AL5X	W16LS
L77JC	W27FS-U	AL7	W14L
L14	W14F-U	AL7X	W14L
L78C	W24FS-U/	AL9	W14L
	TR24	AL9X	W14L
L78Y	SF-51	AL11	W14L
L81	W22FS-U/	AR31	W20SR-U
	TR22	AR32	W20PR-U
L81Y	W22FP-U	AR42	W16PR-U
L82	W22FS-U/	AR42-6	W16PR-U15
	TR22	AR52	W14PR-U
L82C	W20FS-U/	AR52-6	W14PR-U15
	TR20	AR82	W9PR-U
L82YC	W22FP-U	AR82-6	W9PR-U15
L85	W20FS-U/	ARF3	T20R-U
	TR20	ARF4	T20R-U
L86	W16FS-U	ARF6	T16R-U
L86C	W16FS-U	ARF8	T16R-U
L87YC	W20FP-U	ARF8-6	T16R-U15
L88A	W16FS-U	AARF22	T20PR-U
L89CM	W16FS-U	ARF22C	T20PR-U
L90	W14F-U	ARF32	T20PR-U
L92Y	W16FP-U	ARF32-6	T20PR-U15
L92YC	W16FP-U	ARF32C-6	T20PR-U15
L95Y	W9FP	ARF42	T16PR-U
N1	W31ES-U	ARF42-6	T16PR-U15
N2	W27ES-U	ARF42-8	T16PR-U20
N2C	W27ES-U	ARF52	T16PR-U
N2G	W27ES-ZU	ARF52-6	T16PR-U15
N3C	W24ES-U	ARF62	T14PR-U
N3G	W24ES-ZU	ARF62-6	T14PR-U15
N4	W22ES-U	ASF32	T20PR-U
N4C	W22ES-U	ASF32C	T20PR-U
N4G	W22ES-ZU	ASF32M	T20PR-U
N5	W20ES-U	ASF42	T16PR-U
N5C	W20ES-U	ASF42-6C	T16PR-U15
N5G	W20ES-ZU	ASF52	T16PR-U
N6	W20ES-U	AT1	W27S-U
N6BYC	W24EP-U	AT2	W24S-U
N6GY	W24EPR-ZU	AT3	W20S-U
N6Y	W24EP-U	AT4	W16S-U
N6YC	W24EP-U	AT6	W14-U
N6YCC	W24EP-U	AT8	W14-U
CHAMPION	DENSO	MOTORCRAFT	DENSO
N7	W16ES-U	AT10	W9-U
N7BYC	W22EPB	AT42	W14-U
N7GY	W22EP-ZU	ATL3	W16LS
N7Y	W22EP-U	ATL4	W16LS
N7YC	W22EP-U	ATL8	W14L
N7YC4	W22EP-U11	AV1X	W22FS-U
N7YCC	W22EP-U	AV2X	W20FS-U
N8	W14E	AV4	W16FS-U
N8GY	W22EP-ZU	AV6	W14F-U
N9BYC	W20EPB	AV23	W24FS-ZU
N9YC	W20EP-U	AV203	W34FS-ZU
N9YC4	W20EP-U11	AV403	W31FS-ZU
N9YCC	W20EP-U	AV603	W27FS-ZU
N10Y4	W20EP-U11	AV901X-4	W27FS-U10

N11YC	W16EP-U	AV903	W24FS-ZU
N11YCC	W16EP-U	AVKO	SF-50
N12YC	W16EP-U	AVKOD	SF-51
N12YCC	W16EP-U	AVZKO	SF-10
N13Y	W14EP-U	AWRF32	T20EPR-U
N16YC	W14EP-U	AWRF42	T16EPR-U
N21	W14E	AWSF22C	T20EPR-U
N57	W31ES-U	AWSF32	T20EPR-U
N57G	W31ES-ZU	AWSF34C	T20NR-U11
N59G	W29ES-ZU	AWSF42	T16EPR-U
N60R	W24EP-U	AWSF42C	T16EPR-U
N62R	W24EP-U	AWSF54	T16NR-U11
N65Y	W22EP-U	AZ2	W24S-U
N78	W24ES-V	AZ3	W20S-U
N79Y	W20EP-U	AZ9	W9-U
N82G	W31ES-ZU	B2W	M24S
N84	W27ES-V	B3W	M22
N84G	W29ES-ZU	B3X	M22
N86	W24ES-V		
N86G	W27ES-ZU	B4X	M22
N87	W24ES-ZU	B6W	M17
N178B	W25EA	B8X	M14/
N180B	W22EA		L14-U
N279YC	W22EP-U	BF22	MA20P-U
N281YC	W20EP-U	BF22C	MA20P-U
N288	W20ES-U	BF22CX	MA20P-U
OJ11Y	W20PR-U	BF22X	MA20P-U
ON3	W24ESR-U	BF32	MA20P-U
P7	X24FS-U	BF32CX	MA20P-U
P7G	X24FS-ZU	BF32CX	MA20P-U
P8G	X20FS-ZU	BF42	MA16P-U
P8Y	X20FS-U	BF82	MA16P-U
QL7J	W22FSR	BF92	MA9P-U
QL77J	W27FSR	BFR6	MA16R-U
QL77J4	W27FSR-U10	BRF22CX	MA20PR-U
QL77JC4	W27FSR-U10	BRF22X	MA20PR-U
QL86	W16FSR	BRF31	MA20R-U
QN2	W27ESR-U	BRF31-4	MA20R-U11
QN3	W24ESR-U	BRF32	MA20PR-U
QN3C	W24ESR-U	BRF32CX	MA22PR-U
QN84	W27ESR-V	BRF32X	MA22PR-U
QN86	W24ESR-V	BRF42	MA16PR-U
R6	X24ES-U	BRF82	MA16PR-U
R6G	X24ES-ZU	BSF31	MA20R-U
R8	X22ES-U	BSF31-4	MA20R-U11
R10	X20ES-U	BSF42	MA16PR-U
RA4HC	X27EPR-U	BSF82	MA16PR-U
RA6	X27ESR-U	BSF92	MA9PR-U
RA6HC	X24EPR-U9	BT2	M24S
RA6YC	X24EPR-U9	BT3	M22
CHAMPION	DENSO	MOTORCRAFT	DENSO
RA8Y	X24ESR-U	BT4	M22
RA8YC	X20EPR-U9	BT6	M17
RBL8	T20R-U	BT8	M14/L14-U
RBL9Y	T20PR-U	BT9	M14/L14-U
RBL11Y	T20PR-U	BT10	M14/L14-U
RBL11Y4	T20PR-U11	BTF6	MA16P-U
RBL11Y6	T20PR-U15	BTF31	MA20P-U
RBL12	T16R-U	BTF42	MA16P-U
RBL12-6	T16R-U15	BTRF42	MA16PR-U
RBL13Y	T16PR-U	HG2	X22ES-U
RBL13Y6	T16PR-U15	HV2	X24FS-U
RBL15YA	T16PR-U11	HV3	X20FS-U
RBL15Y6	T16PR-U15	HV22	X20FS-U
RBL16Y	T14PR-U	PV2	U22FS-U
RBL17Y	T14PR-U	PV3	U20FS-U
RBL17Y6	T14PR-U15		

RBN9Y	T20EPR-U		
RBN12Y	T16EPR-U		
RBN13Y	T16EPR-U		
RBN14Y	T16EPR-U		
RC7BYC	Q22PR-U/ K22PR-U		
RC7YC	Q22PR-U		
RC7YC4	Q22PR-U11 K22PR-U11		
RC7YCC	Q22PR-U/ K22PR-U		
RC8J	W20MR-U		
RC9YC	Q20PR-U		
RC9YC4	Q20PR-U11/ K20PR-U11		
RC9YCC	Q20PR-U/ K20PR-U		
RC12YC	Q16PR-U/ K16PR-U		
RC12YC4	Q16PR-U11/ K16PR-U11		
RC279YC	Q22PRU/ K22PR-U		
RC281YC	Q20PR-U/ K20PR-U		
RCJ7Y	W22MPR-U		
RF7YC	MA20PR-U		
RF9Y	MA20PR-U		
RF9YC	MA20PR-U		
RF10C	MA20R-U		
RF11Y	MA16PR-U		
RF11YC	MA16PR-U		
RF12	MA16R-U		
RF12-5	MA20R-U11		
RF14Y	MA9PR-U		
RFN14LY	QJ16HR-U		
RJ6C	W20SR-U		
RJ6J	W20SR-U		
RJ10Y	W20PR-U		
RJ11Y	W16PR-U		
RJ12Y	W16PR-U		
RJ12YC	W16PR-U		
RJ12Y6	W16PR-U15		
RJ14Y	W14PR-U		
RJ14YC	W14PR-U		
RJ18Y	W9PR-U		
RJ18YC	W9PR-U		
RJ18Y6	W9PR-U15		
RJ18YC6	W9PR-U15		
CHAMPION	DENSO		
RJ18YC8	W9PR-U15		
RL4J	W24FSR		
RL7J	W22FSR		
RL12Y	W16FSR		
RL77J	W27FSR		
RL78	W24FSR		
RL78C	W24FSR		
RL82C	W22FSR		
RL82Y	W22FPR-U		
RL82YC	W22FPR-U		
RL82YCC	W20FPR-U		
RL85	W20FSR-U		
RL86	W16FSR		
RL86C	W16FSR		
RL87Y	W20FPR-U		
RL87YC	W20FPR-U		

RL90	W14FR-U		
RN2	W27ESR-U		
RN2C	W27ESR-U		
RN3	W24ESR-U		
RN3C	W24ESR-U		
RN4	W22ESR-U		
RN4C	W22ESR-U		
RN5	W20ESR-U		
RN5C	W20ESR-U		
RN6	W16ESR-U		
RN6Y	W24EPR-U		
RN6YC	W24EPR-U		
RN7YC	W22EPR-U		
RN7YC4	W22EPR-U11		
RN7YCC	W22EPR-U		
RN8L	J16BR-U		
RN9Y	W20EPR-U		
RN9YC	W20EPR-U		
RN9YC4	W20EPR-U11		
RN9CC	W20EPR-U		
RN10Y	W20EPR-U		
RN10Y4	W20EPR-U11		
RN10YC	W20EPR-U		
RN11Y	W16EPR-U		
RN11Y4	W16EPR-U11		
RN11YC	W16EPR-U		
RN11YC4	W16EPR-U11		
RN11YCC	W16EPR-U		
RN12Y4	W16EPR-U11		
RN12YC	W16EPR-U		
RN12YCC	W16EPR-U		
RN13L	J16BR-U		
RN14LY	J16HR-U10		
RN16Y	W9EPR		
RN16YC	W14EPR-U		
RN180B	W22EAR		
RN281YC	W20EPR-U		
RP7	X24FSR-U		
RS9YC	T20EPR-U		
RS9YCC	T20EPR-U		
RS12YC	T16EPR-U		
RS12YC6	T16EPR-U15		
RS281YC	T20EPR-U		
RV9YC	T20PR-U		
RV12C	T16R-U		
RV12C6	T16R-U15		
RV12YC	T20PR-U		
RV12YC6	T20PR-U15		
CHAMPION	DENSO		
RV15YC	T16PR-U		
RV15YC4	T16PR-U11		
RV15YC6	T16PR-U15		
RV15YC8	T16PR-U20		
RV17YC	T14PR-U		
RV17YC6	T14PR-U15		
RZ8	U22FSR-U		
S6YC	T22EP-U		
S7YC	T22EP-U		
S7YCC	T22EP-U		
S9YC	T20EP-U		
S9YCC	T20EP-U		
S279YC	T22EP-U		
S281YC	T20EP-U		
S379YC	T22EP-U		
UJ2J	W24S-U		
UJ4J	W22S-U		

UJ6	W20S-U		
UJ8	W20S-U		
UJ81C	W22S-U		
UK10	M17		
UL17V	SF-10		
UL18V	SF-10		
UL19V	SF-10		
UL77V	SF-10		
V9YC	T20P-U		
V12YC	T16P-U		
XJ10Y	W20PR-U		
Y82	U20M-U		
Z6	U24FS-U		
Z7G	U22FS-ZU		
Z8	U22FS-U		
Z9Y	U22FS-U		
Z10	U20FS-U		
Z10G	U22FS-ZU		
Z12	U20FS-U		
NGK	DENSO		
A-6	M17		
A-7	M22		
A-8	M24S		
AP4F	MA9P-U		
AP5FS	MA16P-U		
AP6FS	MA20P-U		
APR5FS	MA16PR-U		
APR5FS-11	MA16PR-U11		
APR5FS-15	MA16PR-U15		
APR6FS	MA20PR-U		
AR5FS	MA16R-U		
AR6FS	MA20R-U		
AR6FS-11	MA20R-U11		
B-2	W9-U		
B-4	W14-US		
B-4-10	W14-U10		
B-4ES	W14E		
B-4H	W14F-U		
B-4H-10	W14F-U0		
B-4L	W14L		
B-6L	W16LS		
B2-LM	W9LM-US		
B4-LM	W14LM-U		
B5EB	W16ES-L		
B5ES	W16ES-U		
NGK	DENSO		
B5HS	W16FS-U		
B6EB	W20ES-L		
B6EB-11	W20ESR-L11		
B6EB-L11	W20ESR-L11		
B6EM	W20EA		
B6ES	W20ES-U		
B6ES-11	W20ES-U11		
B6ET	W20EB		
B6EV	W20ES-ZU		
B6FS	T20R-U		
B6HS	W20FS-U/ TR20		
B6HV	W20FS-ZU		
B6S	W20S-U		
B7EB	W22ES-L		
B7EB-11	W22ES-L11		
B7EM	W22EA		
B7ES	W22ES-U		

B7ES-11	W22ES-U11		
B7ET	W22EB		
B7EV	W22ES-ZU		
B7HCS	W22FS-U		
B7HS	W22FS-U/		
	TR22		
B7HS-10	TR22-10		
B7HV	W22FS-ZU		
B7S	W22S-U		
B8EG	W24ES-V		
B8EGP	W25EPT		
B8EGV	W24ES-ZU		
B8EM	W25EA		
B8EN	W24ES-V		
B8EP	W25EPT		
B8ES	W24ES-U		
B8ES-11	W24ES-U11		
B8ET	W25EB		
B8EV	W24ES-ZU		
B8HP	W25FPT		
B8HS	W24FS-U/		
	TR24		
B8HS-10	W24FS-U10/		
	TR24-10		
B8HV	W24FS-ZU		
B8S	W24S-U		
B9EG	W27ES-V		
B9EGP	W27EPT		
B9EGV	W27ES-ZU		
B9EP	W27EPT		
B9ES	W27ES-U		
B9EV	W27ES-ZU		
B9HCS	W27FS-U		
B9HP	W27FPT		
B9HS	W27FS-U		
B9HS-10	W27FS-U10		
B9HV	W27FS-ZU		
B9S	W27S-U		
B-10	W31S-U		
B10EGV	W31ES-ZU		
B10EP	W31EPT		
B10EGP	W31EPT		
B10ES	W31ES-U		
NGK	DENSO		
B10EV	W31ES-ZU		
B10H	W31FS		
B10HP	W31FPT		
B10HS	W31FS		
B10HV	W31FS-ZU		
B11EGP	W34EPT		
B11EGV	W34ES-ZU		
B11EP	W34EPT		
B12EP	W37EPT		
B12HP	W37FPT		
B85EP	W25EPT		
B85EGP	W25EPT		
B95EP	W29EPT		
B95EGP	W29EPT		
B95EGV	W29ES-ZU		
B105EGP	W32EPT		
B105EP	W32EPT		
BCP5E-11	Q16P-U11		
BCP5EY	Q16-U		
BCP5EY-11	Q16P-U11		

BCP5EY-N	Q16P-U		
BCP5EY-N11	Q16P-U11		
BCP6E	Q20P-U		
BCP6E-11	Q20P-U11		
BCP6ES	Q20P-U		
BCP6ES-11	Q20P-U11		
BCP6ET	K22PB		
BCP6EV	Q22PR-ZU		
BCP6EV-11	Q20PR-ZU11		
BCP6EY-11	Q20P-U11		
BCP6EY-N	Q20P-U		
BCP6EY-N-11	Q20P-U11		
BCP7E	Q22P-U		
BCP7E-11	Q22P-U11		
BCP7ES	Q22P-U		
BCP7ES-11	Q22P-U11		
BCP7ET	K22PB		
BCP7EY-N11	Q22P-U11		
BCPR4EY	Q14R-U		
BCPR4EY-11	Q14R-U11		
BCPR5E	Q16PR-U		
BCPR5E-11	Q16PR-U11		
BCPR5EP-8	PQ16R8		
BCPR5EP-11	PQ16R		
BCPR5EP-13	PQ16R13		
BCPR5ES	Q16PR-U		
BCPR5EY	Q16R-U		
BCPR5EY-11	Q16R-U11		
BCPR5EY-N	Q16PR-U		
BCPR5EY-N-11	Q16PR-U11		
BCPR6E	Q20PR-U		
BCPR6E-11	Q20PR-U11		
BCPR6EP-8	PQ20R8		
BCPR6EP-11	PQ20R		
BCPR6EP-13	PQ20R13		
BCPR6EP-N-8	PQ20R-P8		
BCPR6EP-N-11	PQ20R-P11		
BCPR6ES	Q20PR-U		
BCPR6ES-11	Q20PR-U11		
BCPR6EY	Q20R-U		
BCPR6EY-11	Q20R-U11		
BCPR6EY-N	Q20R-U		
NGK	DENSO		
BCPR6EY-N-11	Q20PR-U11		
BCPR7E	Q22PR-U		
BCPR7E-11	Q22PR-U11		
BCPR7ES	Q22PR-U		
BCPR7EY-11	Q22PR-U11		
BCPR7EY-N-11	Q22PR-U11		
BCR8ES-11	Q24PR-ZU		
BCRE527Y	QJ16AR-U		
BCRE527Y-11	QJ16AR-U11		
BE529Y-11	J8B-U11		
BKR5E	K16PR-U		
BKR5E-11	K16PR-U11		
BKR5E-N-11	K16PR-U11		
BKR5ES	K16PR-U		
BKR5ES-11	K16PR-U11		
BKR5EY	K16R-U		
BKR5EYA	K16R-U		
BKR5EYA-11	K16R-U11		
BKR6E	K20PR-U		
BKR6-11	K20PR-U11		
BKR6E-N-11	K20PR-L11		

BKR6EP-8	PK20R8		
BKR6ES	K20PR-U		
BKR6ES-11	K20PR-U11		
BKR6EY	K20R-U		
BKR6EY-11	K20R-U11		
BKR6EYA	K20R-U		
BKR6EYA-11	K20R-U11		
BKR6ZY-11	K20R-U11		
BKR7E	K22PR-U		
BKR7E-11	K22PR-U11		
BKR7E-N-11	K22PR-L11		
BKR7ES	K22PR-U		
BKR7ES-11	K22PR-U11		
BM4A	W14M-U		
BM6	W20M-U		
BM6A	W20M-U		
BM6F	WA20M-U/T20M-U		
BM7A	W22M-U		
BMR4A	W14MR-U		
BMR6A	W20MR-U		
BM7F	WA22M-U/T22M-U		
BMR4A	W14MR-U		
BMR6A	W20MR-U		
BP-2E	W9EP-U/W9EX-U		
BP2H	W9FP-UL		
BP2HS	W9FP-UL		
BP-4	W14P-U		
BP4ES	W14EP-U		
BP4EY	W14EX-U		
BP4ES	W14EP-U		
BP4EY	W14EX-U		
BP-4H	W14FP-U		
BP4HA	W14FP-UL		
BP4HS	W14FP-UL		
BP4HS-10	W14FP-UL10		
BP4HSA	W14FP-L		
BP5E	W16EP-U		
BP5EA	W14EX-U		
BP5EA-11	W14EX-U11		
NGK	DENSO		
BP5EA-13	W14EX-U13		
BP5EA-L	W16EX-U		
BP5EA-L11	W16EX-U11		
BP5EFS	T16EPR-U		
BP5ES	W16EP-U		
BP5ES-11	W16EP-U10		
BP5ES-L	W16EP-U		
BP5EV	W16EP-ZU		
BP5EY	W16EX-U		
BP5EY-11	W16EX-U11		
BP5FS	T16P-U		
BP5HA	W16FP-UL		
BP5HS	W16FP-U		
BP5S	W16P-U		
BP6E	W20EP-U		
BP6EA	W20EX-U		
BP6EA-11	W20EX-U11		
BP6EF	T20EP-U		
BP6EFS	T20EP-U		
BP6EFS-13	T20EP-U15		
BP6EK	W20ET		
BP6EKN	W20ET-L		
BP6EKRN	W20ETR		
BP6ES	W20EP-U		
BP6ES-11	W20EP-U11		
BP6ET	W20EPB		
BP6EV	W20EP-ZU		

BP6EY	W20EX-U		
BP6EY-11	W20EX-U11		
BP6FS	T20P-U		
BP6HS	W20FP-U		
BP6HS-10	W20FP-U10		
BP6HSA	W20FP-L		
BP6S	W20P-U		
BP7E	W22EP-U		
BP7ES	W22EP-U		
BP7ES-11	W22EP-U11		
BP7EV	W22EP-ZU		
BP7EY	W22EX-U		
BP7EY-11	W22EX-U11		
BP7HS	W22FP-U		
BP7HS-10	W22FP-U10		
BP8ES	W24EP-U		
BP8ES-11	W24EP-U11		
BP8EV	W24EP-ZU		
BP8HS	W24FP-U		
BP8HS-10	TR24-10		
BP8HSA	W24FP-L		
BPM4A-10	W14MP-U10		
BPM6A	W20MP-U		
BPM6A-10	W20MP-U10		
BPM6F	T20MP-U		
BPM6Y	W20MP-U		
BPM7A	W22MP-U		
BPM7F	T22MP-U		
BPM7Y	W22MP-U		
BPMR4A-10	W14MPR-U10		
BPMR6A-10	W20MPR-U10		
BPMR6F	T20MP-U		
BPMR7A	W22MP-U		
BPR2ES	W9EPR/W9EXR-U		
BPR2HS	W9FPR-L		
BPR4E	W14EPR-U		
NGK	DENSO		
BPR4ES	W14EPR-U		
BPR4ES-11	W14EPR-U11		
BPR4EY	W14EXR-U		
BPR4EY-11	W14EXR-U11		
BPR4FS	T14PR-U		
BPR4FS-15	T14PR-U15		
BPR4H	W14FPR		
BPR4HS	W14FPR-L		
BPR4S	W14PR-U		
BPR4S-15	W14PR-U15		
BPR5E	W16EPR-U		
BPR5EA	W14EXR-U		
BPR5EA-11	W14EXR-U11		
BPR5EA-L	W16EXR-U		
BPR5EA-L1	W16EXR-U11		
BPR5EFS	T16EPR-U		
BPR5EFS-13	T16EPR-U15		
BPR5EP-11	P16R		
BPR5EP-13	P16R13		
BPR5ES	W16EPR-U		
BPR5ES-11	W16EPR-U11		
BPR5EV	W16EXR-ZU		
BPR5EY	W16EXR-U		
BPR5EY-11	W16EXR-U11		
BPR5FS	T16PR-U		
BPR5FS-11	T16PR-U11		
BPR5FS-15	T16PR-U15		
BPR5HS	W16FPR-U		
BPR5S	W16PR-U		

BPR5S-15	W16PR-U15		
BPR6E	W20EPR-U		
BPR6EF	W20EPR-U		
BPR6EFS	T20EPR-U		
BPR6FS-13	T20EPR-U15		
BPR6EKN	W20ETR-L		
BPR6EP-8	P20R8		
BPR6ES	W20EPR-U		
BPR6ES-11	W20EPR-U11		
BPR6EY	W20EXR-U		
BPR6EY-11	W20EXR-U11		
BPR6EY-13	W20EXR-U13		
BPR6FS-13	T20PR-U		
BPR6FS-11	T20PR-U11		
BPR6FS-15	T20PR-U15		
BPR6HS	W20FPR-U		
BPR6HS-10	W20FPR-U10		
BPR6HSA	W20FPR-L		
BPR6S	W20PR-U		
BPR7E	W22EPR-U		
BPR7EKN	W22ETR-L		
BPR7ES	W22EPR-U		
BPR7ES-11	W22EPR-U11		
BPR7EY	W22EXR-U		
BPR7EY-11	W22EXR-U11		
BPR7HS	W22FPR-U		
BPR7HS-10	W22FP-U10		
BPR8ES	W24EPR-U		
BPR8HS	W24FPR		
BPR8HSA	W24FPR-L		
BPZ7HS-10	W22FP-U10		
BPZ8HN-10	W24FS-U10		
BPZ8HS-10	W24FPR		
BR4HS	W14FP-U		
BR4HSA	W14FR-L		
NGK	DENSO		
BR5EB	W16ESR-L		
BR5ES	W16ESR-U		
BR5FS	T16R-U		
BR5FS-15	T16R-U15		
BR5HS	W16FSR		
BR6EB	W20ESR-L		
BR6EB-11	W20ESR-L11		
BR6EB-L11	W20ESR-L11		
BR6EM	W20EAR		
BR6ES	W20ESR-U		
BR6ET	W20EBR		
BR6FS	T20R-U		
BR6FS-15	T20R-U15		
BR6HS	W20FSR		
BR6HSA	W20FR-L		
BR6S	W20SR-U		
BR7EB	W22ESR-L11		
BR7EB-11	W22ESR-L11		
BR7EM	W22EAR		
BR7EQ	W22EDR		
BR7EQ-14	W22EDR14		
BR7ES	W22ESR-U		
BR7ET	W22EBR		
BR7HS	W22FSR		
BR8ECM	W24EMR-C		
BR8ECS	W27ES-C		
BR8EG	W24ESR-V		
BR8EM	W25EAR		
BR8EQ	W25EDR		
BR8EQ-14	W25EDR14		

BR8ES	W24ESR-U		
BR8ET	W25EBR		
BR8EV	W24ESR-ZU		
BR8HS	W24FSR		
BR8HSA	W24FR-L		
BR8HS-10	W24FS-U10		
BR8HV	W24FS-ZU		
BR9ECM	W27EMR-C		
BR9EG	W27ESR-V		
BR9EQ-14	W27EDR14		
BR9ES	W27ESR-U		
BR9ET	W27EBR		
BR9EV	W27ESR-ZU		
BR9HS	W27FSR		
BR9HS-10	W27FSR-U10		
BR10ECM	W31EMR-C		
BR10EG	W31ESR-ZU		
BR10ES	W31ESR-U		
BR10ET	W29EBR		
BR10EV	W31ESR-ZU		
BRE527Y-11	W31ESR-ZU		
BU8H	SF-50		
BUH	SF-50		
BUHW	SF-50		
BUHW-2	SF-51		
BUHX	SF-10		
BUHXW-1	SF-10		
BUR4EB-11	W14EKR-S11		
BUR5EB-11	W61EKR-S11		
BUR6EA-11	W20EPR-S11		
BUR6EB-11	W20EKR-S11		
BUR7EA-11	W22EPR-S11		
C6HSA	U20FS-U		
C7E	U22ES-N		
NGK	DENSO		
C7EH9	U22FE9		
C7HSA	U22FS-U		
C7HV	U22FS-ZU		
C8E	U24ES-N		
C8EH9	U24FE9		
C8HCS	U24FS-C		
C8HSA	U24FS-U		
C9E	U27ES-N		
C9EH9	U27FE9		
C9H	U27FS-ZU		
CM-6	U20M-U		
CR4HSA	U14FSR-U		
CR5HS	U16FSR-U		
CR5HSA	U16FSR-U		
CR6HS	U20FSR-U		
CR6HSA	U20FSR-U		
CR7E	U22ESR-N		
CR7EH9	U22FER9		
CR7EK	U22ETR		
CR7HS	U22FSR-U		
CR7HSA	U22FSR-U		
CR8E	U24ESR-N		
CR8EH9	U24FER9		
CR8EK	U24ETR		
CR8HCS	U24FSR-C		
CR8HS	U24FSR-U		
CR8HSA	U24FSR-U		
CR9E	U27ESR-N		
CR9EH9	U27FER9		
CR9EK	U27ETR		
CR10E	U31ESR-N		

CR10EH-9	U31FER9		
CR10EK	U31ETR		
D5HS	X16FS-U		
D6EA	X20ES-U		
D6ES	X20ES-U		
D6HA	X20FS-U		
D6HS	X20FS-U		
D6HV	X20FS-ZU		
D7EA	X22ES-U		
D7ES	X22ES-U		
D7EV	X22ES-ZU		
D8EA	X24ES-U		
D8ES	X24ES-U		
D8ES-L	X24ES-U		
D8EV	X24ES-ZU		
D8HA	X24FS-U		
D8HS	X24FS-U		
D8HV	X24FS-ZU		
D9EA	X27ES-U		
D9EV	X27ES-ZU		
D10EA	X31ES-U		
D10EV	X31ES-ZU		
DP5EA9	X16EP-U9		
DP6EA9	X20EP-U9		
DP7EA9	X22EP-UP		
DP7EV9	X22EP-ZU9		
DP7Z	X22GP-U		
DP8EA9	X24EP-U9		
DP8EV9	X24EP-ZU9		
DP8Z	X24GP-U		
DP9EA9	X27EP-U9		
DP9EV9	X27EP-ZU9		
DP9Z	X27GP-U		
NGK	DENSO		
DPR5EA9	X16EPR-U9		
DPR6EA9	X20EPR-U9		
DPR7EA9	X22EPR-U9		
DPR7EV9	X22EPR-ZU9		
DPR7Z	X22GPR-U		
DPR8EA9	X24EPR-U9		
DPR8EV9	X24EPR-ZU9		
DPR8Z	X24GPR-U		
DPR9EA9	X27EPR-U9		
DPR9EV9	X27EPR-ZU9		
DPR9Z	X27GPR-U		
DR5HS	X16FSR-U		
DR6HS	X20FSR-U		
DR7EA	X22ESR-U		
DR7ES	X22ESR-U		
DR8EA	X24ESR-U		
DR8ES	X24ESR-U		
DR8ES-L	X24ESR-U		
DR8HS	X24FSR-U		
DR9EA	X27ESR-U		
DR9ES	X27ESR-U		
ER8EH	Y24FER		
ER9EH	Y27FER-(C)		
ER10EH	Y31FER		
J9A	X27ET		
J9B	X27ET		
J9C	X27ET		
JR9A	X27ETR		
JR9B	X27ETR		
JR9CA	X27ETR		
JR10A	X31ETR		
JR10C	X31ETR		

L8A	U24FS-C		
LR8A	U24FSR-U		
PFR5A-11	PQ16R-L11		
PFR5B-11	PK16R11		
PFR6A-11	PQ20R-L11		
PFR6B-11	PK20R11		
PFR6B	PK20PR8		
PFR6F	PK20R8		
PFR6F-11	PQ20R11		
PGR5A-11	P16PR11		
PGR6A-11	P20PR11		
PGR6B	P20PR-S11		
R-0161-10	U31FS-ZU		
R-5530-9	W27FPT		
R-5530-10	W31FPT		
R-5530-12	W37EPT		
SD10A	S29A		
SD11A	S31A		
ZF4F-11	KJ14CR11		
ZF5F-11	KJ16CR11		
ZF6F-11	KJ20CR11		
ZFR4F-11	KJ14CR11/ KJ14CR-L11		
ZFR5A	J16CR-U		
ZFR5A-11	QJ16CR-11		
ZFR5B-11	J16AR-U11		
ZFR5F-11	KJ16CR11/ KJ16CR-L11		
ZFR6A-11	QJ20CR11		
ZFR6F-11	KJ20CR-L11		
ZFR7A-11	QJ22CR11		
ZFR7F-11	KJ22CR11		
ZGR5C	J16CR-U		

Discontinued

Discontinued Spark Plugs					
(Replacement List)					
Discontinued	Replaced By	Discontinued	Replaced by	Discontinued	Replaced By
MA9P	MA9P-U	W14P	W14P-U	W31S	W31S-U
MA14P-U	MA16P-U	W16EX	W16EX-U	W34N	None
MA17P-U	MA20P-U	W16S	W16S-	W16S-U	None
T16PR	T16PR-U	W17P	W16P-U	WA20M-U	T20M-U
T16PR11	T16PR-U11	W20EX	W20EX-U	WA22M-U	T22M-U
T16PR15	T16PR-U15	W20M	W20M-U	WS17	None
T20PR	T20PR-U	W20S	W20S-U	X17F	X16FS-U
T20PR15	T20PR-U15	W22M	W22M-U	X20ES	X20ES-U
U17F	U16FS-U	W22S	W22S-U	X20FS	X20FS-U
U20FS	U20FS-U	W24S	W24S-U	X22ES	X22ES-U
U20FSR-L	U20FRS-U	W25FC	W24FS-U	X24ES	X24ES-U
U22FS	U22FS-U	W25N	None	X24FS	X24FS-U
U24FB	U24FS-U	W27FC	W27FS-U	X27ES	X27ES-U
U24FSR-L	U24FSR-U	W27N	None	X28FS	None
W9	W9-U	W27S	W27S-U	X31ES	X31ES-U
W9P	W9P-U	W31ES	W27S-U		
W14	W14-U	W31N	None		