2016/17

CATALOGUE



Spark Plugs • Glow Plugs

NGK®



Spark Plugs • Glow Plugs

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- DIESEL VEHICLE

Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval
ABARTH								**ABARTH**
500	1.4 TURBO	1400	2008->	4		0.8	IKR9J8	
500	1.4 TURBO	1400	2010->	4		0.8	IKR9J8	
500	1.4 TURBO	1400	2010->	4		0.8	IKR9J8	
500	1.4 TURBO	1400	2011->	4	T-JET MTA	0.8	IKR9J8	
500C	1.4 T	1400	2010->	4		0.8	IKR9J8	
595	1.4 T	1400	2013->	4		0.9	IKR9J8	
695	695 TRBUTO FERRARI	1400	2012->	4		0.8	IKR9J8	
PUNTO	1.4 16V EVO	1400	2011->	4		0.8	IKR9J8	
ALFA ROMEO								**ALFA ROMEO**
145	2.0 16V T-SPARK	2000	1995->2000	4	AR67.204	0.7,0.9	BKR6EKPA+PMR7A	
146	2.0 16V T-SPARK	2000	1996->1999	4	AR67.204	0.7,0.9	BKR6EKPA+PMR7A	
147	1.6 16V T-SPARK	1600	2001->	4	AR32.104	0.7,0.9	BKR6EKPA+PMR7A	
147	1.9 JTD	1900	2004->	4	AR37.101		Y-534J	
147	1.9 JTD	1900	2004->2005	4	937A.2000		Y-534J	
147	1.9 JTDM	1900	2004->2007	4	939A.7000		Y-1030J	
147	2.0 16V T-SPARK	2000	2000->	4	AR32.310	0.7,0.9	BKR6EKPA+PMR7A	
147	3.2 GTA	3200	2004->2006	6	932A.000	0.8	PFR6B	BKR6E
155	2.0 I T-SPARK	2000	1992->1995	4	AR67.202	0.8	BCPR6ES	BCP6ES
155	2.0 T-SPARK	2000	1995->1998	4	AR67.202	0.7,0.9	BKR6EKPA+PMR7A	
155	2.5 V6	2500	1996->1998	6	AR67.301	0.8	BPR7ES	
156	1.9 JTD	1900	2004->	4	AR32.302		Y-534J	
156	2.0 16V T- SPARK	2000	1998->2000	4	AR32.301	0.7,0.9	BKR6EKPA+PMR7A	
156	2.4 JTD	2400	2003->	5	AR32.501		Y-534J	
156	2.5 V6 24V	2500	2000->2006	6	AR32.401	0.8	PFR6B	BKR6E
156	3.2 GTA,SPORTWAGON	3200	2003->2006	6	932A.000	0.8	PFR6B	BKR6E
159	1750 TBI	1800	2009->2011	4	939B1000	0.6	ILKAR7D-6G	
159	1.8 TBI	1800	2009->2011	4	939B.1000	0.8	ILKAR7D-6G	
159	1.9 JTDM	1900	2006->2011	4	939A.1000		Y-534J	
159	2.0 JTDM	2000	2009->2011	4	844A.2000		Y-9003AS	
159	2.0 JTDM	2000	2009->2011	4	939B.3000		Y-9003AS	
159	2.0 JTDM	2000	2010->2011	4	939B.4000		Y-9003AS	
159	2.4 JTDM	2400	2005->2007	5	939A.3000		YE07	
159	3.2 JTS 24V	3200	2006->2013	6	939A.000	1.3	PTR5A-13	
164	2.0 T-SPARK	2000	1987->1992	4	AR06.416	0.8	BCPR6ET	BCPR6ES
164	3.0 12V V6	3000	1993->1999	6	AR66.301	0.8	PFR6B	BKR6E
164	3.0 QUADRIFOGLIO V6	3000	1993->1998	6	AR16.102	0.8	BCPR6ET	BCPR6ES
166	2.0 16V T-SPARK	2000	1998->2006	4	AR34.103	0.7,0.9	BKR6EKPA+PMR7A	
166	3.0 V6 24V SPORTRONIC	3000	1999->2006	6	AR34.301	0.8	PFR6B	BKR6E
166	3.2 TI PROGRESSION	3200	2004->2007	6	932A.000	0.8	PFR6B	BKR6E
33	1.5 WAGON	1500	1984->1993	4	AR307.34/51	0.8	BPR7ES	
33	1.7 16V SPORT WAGON	1700	1993->1994	4	AR307.46	0.8	BCPR6ET	BCPR6ES
4C	1.8 TBI	1800	2013->	4	960A.1000	0.6	ILKAR7D-6G	
ALFASUD	1.3 TI	1300	1980-1984->	4	AR301.68	0.8	BP6ES	BPR6ES
ALFASUD	1.5 TI,SPRINT	1500	1978->1982	4	AR301.28	0.8	BP6ES	BPR6ES
ALFETTA	1.8 GTV	1800	1973->1980	4	AR016.78	0.8	B7ES	BR7ES
ALFETTA	2.0 GTV	2000	1976->1985	4	AR016.55	0.8	B7ES	BR7ES
ALFETTA	2.0 GTV	2000	1972->1985	4	AR017.13	0.8	B7ES	BR7ES
BRERA	1.8 TBI	1800	2009->2011	4	939B.1000	0.6	ILKAR7D-6G	
BRERA	3.2 JTS	3200	2007->2013	6	939A.000	1.3	PTR5A-13	
EXPORT	1.5 GL	1500	1980->1985	4	301.24	0.8	B7ES	BR7ES
EXPORT	1.5 VELOCE	1500	1980->1985	4	301.24	0.8	B7ES	BR7ES
GIULIETTA	1750 QUADRIFOGLIO	1800	2010->	4	940A1000	0.6	ILKAR7D-6G	
GIULIETTA	1.4 T MULTI AIR	1400	2010->	4	940A2000	0.8	IKR9J8	
GIULIETTA	1.4 TURBO	1400	2010->	4	198A4000	0.8	IKR9J8	
GIULIETTA	1.8 TURBO	1800	1979->1985	4	AR01678	0.8	B7ES	BR7ES
GIULIETTA	2.0 TI	2000	1982->1985	4	AR01699	0.8	B7ES	BR7ES
GT	1.9 JTD	1900	2004->	4	937A.2000		Y-534J	
GT	1.9 RDM 16V	1900	2003->	4	937A5000		YE07	
GT	3.2 V6 24V	3200	2003->2004	6	936A.6000	0.8	PFR6B	BKR6E
GTV	2.0 TS 16V	2000	1996->1999	4	AR16.201	0.7,0.9	BKR6EKPA+PMR7A	
GTV	3.0 V6 24 V	3000	1997->2001	6	AR16.102	0.8	PFR6B	BKR6E
GTV	3.2 V6 24V	3200	2004->	6	936A.6000	0.8	PFR6B	BKR6E
GTV 6	2.5 GTV	2500	1982->1985	6	AR01646	0.8	B7ES	BR7ES
GTV 6	3.0 GTV	3000	1983->1985	6		0.8	B7ES	BR7ES
MITO	1.4 I	1400	2008->	4	955A.1000	1	ZKR7A-10	
MITO	1.4 TB	1400	2009->	4	940A.2000	0.8	IKR9J8	
MITO	1.4 TB	1400	2009->	4	955A2000	0.8	IKR9J8	
MITO	1.4 TBI	1400	2009->	4	955A.2000	0.8	IKR9J8	
MITO	1.4 TURBO	1400	2008->	4	199A.8000	0.8	IKR9J8	
PANEL VAN	1.5 LCV	1500	1989->	4		0.8	BPR7ES	



- DIESEL VEHICLE

Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval
ALFA ROMEO								**ALFA ROMEO**
SPIDER	1.8 TBI	1800	2009->	4	939B.1000	0.6	ILKAR7D-6G	
SPIDER	2.0 16V T-SPARK	2000	1996->1999	4	AR16.201	0.7,0.9	BKR6EKPA+PMR7A	
SPIDER	2.0 FI,QUADRIFOGLIO	2000	1971->1989	4	AR005.15	0.8	B7ES	BR7ES
SPIDER	2.0 JTS 16V	2000	2004->	4	937A.1000	0.9	BKR6EKPA	
SPIDER	3.0 V6 24V	3000	1998->2004	6	AR16.102	0.8	PFR6B	BKR6E
SPIDER	3.2 JTS	3200	2004->	6	936A.6000	0.8	PFR6B	BKR6E
SPRINT	1.3 L	1300	1990->	4	AR301.68	0.8	BP6ES	BPR6ES
SPRINT	1.5 VELOCE	1500	1980->1985	4	AR301.28	0.8	B7ES	BR7ES
ASIA								**ASIA**
ROCSTA	1.8 4X4	1800	1994->1997	4	F8	0.8	BPR5ES	BP5ES
ROCSTA	2.2 4X4	2200	1994->1997	4	R2		Y-107-1	
ASTON MARTIN								**ASTON MARTIN**
DB9	6.0 COUPE	6000	2003->	12	V12	1.3	PTR6D-13	
DB9	6.0 VOLANTE	6000	2004->	12	V12	1.3	PTR6D-13	
VANQUISH	5.9 I	5900	2005->	8	AM702	1.3	PTR6D-13	
VANTAGE	5.3 I	5300	1993->	8		0.8	BCR8ES	
VIRAGE	5.3 V8 32V	5300	1990->1998	8		0.8	BCPR6E	
AUDI								**AUDI**
100	1.6 LS	1600	1977->1984	4	YV	0.8	BPR6ESZ-N	BPR6ES
100	1.8 L	1800	1970->1976	4	ZZ	0.8	BP6ES	BPR6ES
100	1.9 CARB.	1900	1982->1983	5	WB,WH	0.8	BPR6ESZ-N	BPR6ES
100	2.0 TD	2000	1982->1990	4			Y-918J	
100	2.2 GLS 5E F. INJ.	2200	1984->1986	5	WC	0.8	BPR6ESZ-N	BPR6ES
100	2.5 TDI	2500	1991->1992	5	ABP		Y-732J	
200	2.2 GLX 5E F.INJ.	2200	1978->1983	5	WC	0.8	BPR6ESZ-N	BPR6ES
400	1.8 CARB.	1800	1987->1991	4	JW	0.8	BPR7ESZ-N	BPR7ES
500	2.2 E,SE F.INJ.	2200	1977->1984	5	WC,PR	0.8	BPR7ESZ-N	BPR7ES
500	2.2 TURBO	2200	1989->1992	5	AAN	1	BKUR6ET-10	
500	2.3 E,SE	2300	1991->1995	5	AAR	0.8	BPR6ESZ-N	BPR6ES
500	2.3 TURBO	2300	1990->1995	5	MC	0.8	BP6ET	BP6ES
500	2.6 AVANT	2600	1994->1995	5	ABC	1	BKUR6ET-10	
500	2.8 SE,SEL	2800	1994->1996	6	AAH	1	BKUR6ET-10	
80	1.5	1500	1972->1974	4	ZB	0.8	BP6ES	BPR6ES
80	1.6 GL,GLS	1600	1976->1981	4	ZF,YP,WY	0.8	BPR6ESZ-N	BPR6ES
90 SUPER	1.8 GL	1800	1966->1972	4	ZZ	0.8	B8ES	BR8ES
A1	1.2 TFSI	1200	2010->	4	CBZA	0.7	IZFR6P-7	
A1	1.4 TFSI	1400	2010->	4	CAXA	0.8	PZFR6R	
A1	1.4 TFSI	1400	2014->	4	CZCA	0.8	PZKER7A-8EGS	
A1	1.4 TSFI S-LINE	1400	2010->	4	CAVG	0.8	SIZFR6B8EG	
A1	1.4 TSI	1400	2012->	4	CXS	0.8	PZKER7A-8EGS	
A1	1.6 TDI	1600	2010->	4	CAYB		Y-1002AS	
A1	1.6 TDI	1600	2010->	4	CAYC		Y-1002AS	
A1	2.0 TDI	2000	2011->	4	CFHD		Y-1002AS	
A1	2.0 TDI	2000	2012->	4	CFHB		Y-1002AS	
A1	2.0 TFSI	2000	2012->	4	CDLH	0.8	PFR7S8EG	
A3	1.2 TFSI SPORTBACK	1200	2010->2012	4	CBZB	0.7	IZFR6P-7	
A3	1.2 TS	1200	2014->	4	CYVB	0.8	PZKER7A-8EGS	
A3	1.4 TFSI	1400	2007->2008	4	CAXC	0.8	PZFR6R8EG	
A3	1.4 TFSI	1400	2010->2012	4	CMSA	0.8	PZFR6R8EG	
A3	1.4 TFSI	1400	2013->	4	CPWA	0.8	PZKER7A-8EGS	
A3	1.4 TFSI	1400	2013->	4	CXSB	0.8	PZKER7A-8EGS	
A3	1.4 TFSI	1400	2013->	4	CZCA	0.8	PZKER7A-8EGS	
A3	1.4 TSI	1400	2012->	4	CXSA	0.8	PZKER7A-8EGS	
A3	1.6 I	1600	2002->2003	4	BFQ	1	BKUR6ET-10	
A3	1.6 I	1600	2008->2010	4	CCSA	1	BKUR6ET-10	
A3	1.6 TDI	1600	2009->2012	4	CAYB		Y-1002AS	
A3	1.6 TDI	1600	2009->2012	4	CAYC		Y-1002AS	
A3	1.6 TDI	1600	2012->	4	CLHA		Y-1002AS	
A3	1.6 TDI	1600	2013->	4	CRKB		Y-1002AS	
A3	1.6 TFSI	1600	2010->2012	4	CMXA	1	BKUR6ET-10	
A3	1.8 20V DOHC	1800	1996->1997	4	AGN	1	BKUR6ET-10	
A3	1.8 I	1800	1996->2003	4	AUM	0.8	PFR6Q	BKR6E
A3	1.8 TFSI	1800	2007->2007	4	BYT	0.8	PFR7S8EG	
A3	1.8 TFSI	1800	2007->2008	4	BZB	0.8	PFR7S8EG	
A3	1.8 TFSI	1800	2008->2012	4	CDAA	0.8	PFR7S8EG	
A3	1.8 TFSI	1800	2013->	4	CJSA	0.8	PLFER7A-8EG	



- DIESEL VEHICLE

Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval
AUDI								**AUDI**
A3	1.8 TFSI	1800	2013->	4	CJSB	0.8	PLFER7A-8EG	
A3	1.8 TURBO	1800	1997->2003	4	AGU	1	BKUR6ET-10	
A3	1.9 TDI	1900	2005->2007	4	BLS		Y-607AS	
A3	2.0 A3 , S3	2000	2008->2012	4	CDLC	0.8	PFR7S8EG	
A3	2.0 FSI	2000	2004->2005	4	BLY	0.8	BKR6E	
A3	2.0 FSI	2000	2004->2005	4	BMB	0.8	BKR6E	
A3	2.0 FSI	2000	2004->2005	4	WAU, BVY	1.1	PZFR5N-11T	
A3	2.0 FSI	2000	2004->2008	4	AXW	1.1	PZFR5N-11T	
A3	2.0 FSI	2000	2005->2008	4	BVZ	0.8	BKR6E	
A3	2.0 I	2000	2010->2012	4	CBFA	0.8	PFR7S8EG	
A3	2.0 T FSI	2000	2005->2008	4	AXX	0.8	PFR7S8EG	
A3	2.0 TDI	2000	2003->2007	4	BKD		YE-14	
A3	2.0 TDI	2000	2003->2007	4	BKD		YE-14	
A3	2.0 TDI	2000	2005->2007	4	BMM		CZ104	
A3	2.0 TDI	2000	2006->2012	4	BUY,BMN		CZ304	
A3	2.0 TDI	2000	2006->2012	4	CBAA,CBBB		Y-609AS	
A3	2.0 TDI	2000	2006->2012	4	CFGB		Y-1002AS	
A3	2.0 TDI	2000	2010->2012	4	CLJA		Y-1002AS	
A3	2.0 TDI	2000	2012->	4	CRBC		Y-1002AS	
A3	2.0 TDI	2000	2012->	4	CRFC		Y-1002AS	
A3	2.0 TDI	2000	2012->	4	CRLB		Y-1002AS	
A3	2.0 TDI	2000	2012->	4	CUPA		Y-1002AS	
A3	2.0 TDI	2000	2013->	4	CRBD		Y-1002AS	
A3	2.0 TDI	2000	2013->	4	CRFA		Y-1002AS	
A3	2.0 TDI	2000	2013->	4	CRFA		Y-1002AS	
A3	2.0 TFSI	2000	2005->2012	4	BWA	0.8	PFR7S8EG	
A3	3.2 I	3200	2004->2008	6	BDB,BMJ,BUB	0.8	IZKR7B	
A3	3.2 QUATTRO	3200	2007->2008	6	BUB	0.8	IZKR7B	
A4	1.6 I	1600	2000->2008	4	ALZ	1	BKUR6ET-10	
A4	1.8 E 20V ESTATE,TURBO	1800	1995->2001	4	ADR,AGU,AEB	0.8	BKUR6ET-10	
A4	1.8 I	1800	1999->2001	4	APT	1	BKUR6ET-10	
A4	1.8 I	1800	2002->2004	4	BEX	0.8	PFR6Q	BKR6E
A4	1.8 I	1800	2002->2006	4	BFB	0.8	PFR6Q	BKR6E
A4	1.8 TFSI	1800	2007->2009	4	CABB	0.8	PFR7S8EG	
A4	1.8 TFSI	1800	2008->	4	CDHA	0.8	PFR7S8EG	
A4	1.8 TFSI	1800	2008->	4	CDHB	0.8	PFR7S8EG	
A4	1.8 TFSI	1800	2008->2008	4	CABA	0.8	PFR7S8EG	
A4	1.8 TS	1800	2011->	4	CJEB	0.8	PLFER7A-8EG	
A4	1.8 TURBO	1800	1996->1998	4	AEB	0.8	PFR6Q	BKR6E
A4	1.8 TURBO	1800	1998->2001	4	APU	0.8	PFR6Q	BKR6E
A4	1.8 TURBO	1800	2000->2002	4	AVJ	0.8	PFR6Q	BKR6E
A4	1.8 TURBO	1800	2001->2004	4	AQC	0.8	PFR6Q	BKR6E
A4	1.8 TURBO	1800	2002->2004	4	BFB	0.8	PFR6Q	BKR6E
A4	1.9 TDI	1900	2000->2003	4	AWX		Y-741U	
A4	1.9 TDI	1900	2000->2004	4	AVF		Y-741U	
A4	2.0 EXEC	2000	2000->2004	4	ALT	1	BKUR5ETC-10	
A4	2.0 EXEC	2000	2001->2005	4	ALT	1	BKUR5ETC-10	
A4	2.0 EXEC	2000	2003->2005	4	AWA	1.1	PZFR5N-11T	
A4	2.0 T FSI	2000	2005->2008	4	BUL,BWE,BGB	0.8	PFR7S8EG	
A4	2.0 TDI	2000	2005->	4	BRE		CZ304	
A4	2.0 TDI	2000	2005->2008	4	BPW		CZ104	
A4	2.0 TDI	2000	2006->2008	4	BRF,BVG,BVA,BRD		CZ304	
A4	2.0 TDI	2000	2007->	4	CAGA		Y-609AS	
A4	2.0 TDI	2000	2008->	4	CAGC,CAHB		Y-609AS	
A4	2.0 TDI	2000	2008->	4	CAHA		Y-609AS	
A4	2.0 TDI	2000	2010->	4	CJCB,CMEA		Y-1002AS	
A4	2.0 TDI	2000	2011->	4	CGLC		Y-1002AS	
A4	2.0 TDI	2000	2013->	4	CGLC		Y-1002AS	
A4	2.0 TDI	2000	2013->	4	CJCD		Y-1002AS	
A4	2.0 TDI	2000	2013->	4	CMFB		Y-1002AS	
A4	2.0 TDIE S	2000	2010->	4	CMEA		Y-1002AS	
A4	2.0 TFSI	2000	2004->2005	4	BGB	0.8	PFR6Q	BKR6E
A4	2.0 TFSI	2000	2008->	4	CDNB	0.8	PFR7S8EG	
A4	2.0 TFSI	2000	2009->	4	CDNC	0.8	PFR7S8EG	
A4	2.0 TFSI	2000	2013->	4	CDNC	0.8	PLFER7A-8EG	
A4	2.0 TFSI	2000	2013->	4	CNCD	0.8	PLFER7A-8EG	
A4	2.4 I	2400	2001->2004	6	APS	0.8	BKR6EKUB	
A4	2.4 V6 AVANT	2400	1998->2001	6	AGA,AMM,BDV	0.8	BKR6EKUB	
A4	2.5 TDI	2500	2000->2003	6	AKE		Y-501U	
A4	2.5 TDI	2500	2002->2003	6	AFB		Y-501U	
A4	2.6 AVANT	2600	1996->1998	6	ABC	1	BKUR6ET-10	
A4	2.7 TDI	2700	2006->2009	6	BPP		Y-609AS	



CAR • SUV • LCV

- DIESEL VEHICLE

Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval
AUDI								**AUDI**
A4	2.8 V6 30V AVANT	2800	1997->2001	6	ACK	0.8	BKR6EKUB	
A4	2.8 SPORT,AVANT,QUATTRO,TIPTRONIC	2800	1995->2001	6	AAH	1	BKUR6ET-10	
A4	3.0 QUATTRO	3000	2001->2005	6	ASN	0.8	BKR6EKUB	
A4	3.0 T QUATTRO	3000	2011->	6	CMUA	0.8	PFR8S8EG	
A4	3.0 TDI	3000	2004->2009	6	BKN		Y-609AS	
A4	3.0 TDI	3000	2006->2009	6	ASB		Y-609AS	
A4	3.0 TDI	3000	2007->2008	6	CAPA		Y-609AS	
A4	3.0 TDI	3000	2008->	6	CCWA		Y-609AS	
A4	3.0 TDI	3000	2008->2010	6	CCWB		Y-609AS	
A4	3.0 TDI	3000	2011->	6	CDUC		Y-1002AS	
A4	3.0 TFSI	3000	2009->	6	CCBA/CAKA	0.8	PFR8S8EG	
A4	3.0 V6	3000	2001->2004	6	BBJ	0.8	BKR6EKUB	
A4	3.2 FSI	3200	2005->2008	6	AUK	0.8	PFR7W-T	
A4	3.2 FSI	3200	2007->	6	CALA	1.1	PFR6X-11	
A4	4.2 FSI	4200	2003->	8	BBK	0.8	BKR6EQUP	BKR6EQUA
A4	4.2 FSI	4200	2006->2008	8	BHF	0.8	BKR6EQUP	BKR6EQUA
A5	1.8 TFSI	1800	2011->	4	CJEB	0.8	PLFER7A-8EG	
A5	1.8 TFSI	1800	2014->	4	CJED	0.8	PLFER7A-8EG	
A5	1.8 TURBO	1800	2009->	4	CDHB	0.8	PFR7S8EG	
A5	2.0 TDI	2000	2008->	4	CAHB		Y-609AS	
A5	2.0 TDI	2000	2009->	4	CAGA		Y-609AS	
A5	2.0 TDI	2000	2010->	4	CMEA		Y-1002AS	
A5	2.0 TDI	2000	2011->	4	CGLC		Y-1002AS	
A5	2.0 TDI	2000	2013->	4	CJCD		Y-1002AS	
A5	2.0 TDI	2000	2013->	4	CMFB		Y-1002AS	
A5	2.0 TDI	2000	2013->	4	CNHA		Y-1002AS	
A5	2.0 TFSI	2000	2009->	4	CAEA/CDNC/CAEB	0.8	PFR7S8EG	
A5	2.0 TFSI	2000	2013->	4	CDNC	0.8	PLFER7A-8EG	
A5	2.0 TFSI	2000	2013->	4	CNCD	0.8	PLFER7A-8EG	
A5	2.0 TURBO	2000	2008->	4	CDNC,CAEB	0.8	PFR7S8EG	
A5	2.7 TDI	2700	2007->2008	6	CAMA		Y-609AS	
A5	2.7 TDI	2700	2008->	6	CGKB		Y-609AS	
A5	3.0 TDI	3000	2007->2008	6	CAPA		Y-609AS	
A5	3.0 TDI	3000	2008->2010	6	CCWB		Y-609AS	
A5	3.0 TDI	3000	2009->	6	CCWA		Y-609AS	
A5	3.0 TDI	3000	2011->	6	CDUC		Y-1002AS	
A5	3.0 TFSI	3000	2011->	6	CMUA	0.8	PFR8S8EG	
A5	3.0 TFSI S5	3000	2012->	6	CAKA	1.1	PFR6X-11	
A5	3.0 TFSI S5	3000	2012->	6	CCBA	1.1	PFR6X-11	
A5	3.2 FSI	3200	2007->	6	CALA	1.1	PFR6X-11	
A6	2.0 I	2000	1994->1996	4	ACE	0.8	BKUR7ET	
A6	2.0 TDI	2000	2009->	4	CAHB		Y-609AS	
A6	2.0 TDI	2000	2011->	4	CGLC		Y-1002AS	
A6	2.0 TDI	2000	2011->	4	CMGB		Y-1002AS	
A6	2.0 TDI	2000	2012->	4	CGLE		Y-1002AS	
A6	2.0 TFSI	2000	2005->	4	BPJ	0.8	PFR7S8EG	
A6	2.0 TFSI	2000	2011->	4	CAEB	0.8	PFR7S8EG	
A6	2.0 TFSI	2000	2011->	4	CDNB	0.8	PFR7S8EG	
A6	2.3 S6	2200	1996->	4	AAN	0.8	PFR7B	
A6	2.4 V6	2400	1999->2001	6	APS	0.8	BKR6EKUB	
A6	2.4 V6	2400	2001->2005	6	BDV	0.8	BKR6EKUB	
A6	2.4 V6	2400	2004->	6	BDW	1.1	PFR6X-11	
A6	2.4 V6	2400	2005->	6	BDW	1.1	PFR6X-11	
A6	2.4 V6 TIP, MULTI-TRONIC	2400	1997->1999	6	AGA	0.8	BKR6EKUB	
A6	2.5 TDI	2500	1994->1997	5	AAT		Y-732J	
A6	2.5 TDI	2500	1999->2003	6	AKE		Y-501U	
A6	2.5 TDI	2500	2002->2003	6	BFC		Y-501U	
A6	2.5 TDI	2500	2003->2005	6	BDG		Y-501U	
A6	2.5 TDI V6	2500	1997->2000	6	AFB		Y-501U	
A6	2.6 V6 AVANT	2600	1994->1996	6	ABC	1	BKUR6ET-10	
A6	2.7 BI-TURBO	2700	2000->2002	6	ARE	0.8	PFR6Q	BKR6E
A6	2.7 T QUATTRO,BI TURBO	2700	1999->2000	6	AJK,AZA	0.8	PFR6Q	BKR6E
A6	2.7 TDI	2700	2005->	6	BSG		Y-609AS	
A6	2.7 TDI	2700	2008->	6	CANA		Y-609AS	
A6	2.7 TDI	2700	2008->	6	CANC		Y-609AS	
A6	2.8 EXEC	2800	1995->1998	6	AAH	1	BKUR6ET-10	
A6	2.8 FSI	2800	2006->	6	BDX	1.1	PFR6X-11	
A6	2.8 FSI	2800	2008->	6	CCEA	1.1	PFR6X-11	
A6	2.8 V6 30V	2800	1995->1998	6	ACK	0.8	BKR6EKUB	
A6	3.0 QUATTRO	3000	2001->2006	6	BBJ	0.8	BKR6EKUB	
A6	3.0 QUATTRO,TIP, MULTI-TRONIC	3000	2001->2005	6	ASN	0.8	BKR6EKUB	
A6	3.0 TDI	3000	2004->2006	6	BMK		Y-609AS	



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AUDI								**AUDI**
A6	3.0 TDI	3000	2006->	6	ASB		Y-609AS	
A6	3.0 TDI	3000	2008->	6	CDYA		Y-609AS	
A6	3.0 TDI	3000	2008->	6	CDYC		Y-609AS	
A6	3.0 TDI	3000	2011->	6	CLAA		Y-1002AS	
A6	3.0 TDI	3000	2011->	6	CLAB		Y-1002AS	
A6	3.0 TFSI	3000	2008->	6	CAJ	0.8	PFR8S8EG	
A6	3.0 TFSI	3000	2011->	6	CGWB	0.8	PFR8S8EG	
A6	3.0 TFSI	3000	2011->	6	CGXB	0.8	PFR8S8EG	
A6	3.2 V6	3200	2004->	6	AUK	0.8	PFR7W-T	
A6	3.2 V6	3200	2008->	6	BKH	1.1	PFR6X-11	
A6	3.2 V6	3200	2009->	6	CALA	1.1	PFR6X-11	
A6	3.0 TDI MULTI	3000	2011->	6	CDUC		Y-1002AS	
A6	4.2 FSI	4200	1999->2001	8	ARS	0.8	BKR6EQUP	BKR6EQUA
A6	4.2 FSI	4200	2000->2005	8	ANK	0.8	BKR6EQUP	BKR6EQUA
A6	4.2 FSI	4200	2000->2005	8	ASG	0.8	BKR6EQUP	BKR6EQUA
A6	4.2 FSI	4200	2004->2006	8	BAT	0.8	BKR6EQUP	BKR6EQUA
A6	4.2 FSI	4200	2006->	8	BVJ	0.8	PFR6W-T	
A6	4.2 QUATTRO	4200	2003->2005	8	BAS	0.8	BKR6EQUP	BKR6EQUA
A6	4.2 S6	4200	2002->2004	8	BCY	0.8	PFR7Q	
A6	5.2 FSI	5200	2006->	10	BXA	0.8	PFR6W-T	
A7	3.0 TDI	3000	2010->	6	CLAA/ CLAB		Y-1002AS	
A7	3.0 TDI	3000	2011->	4	CGQB		Y-1002AS	
A7	3.0 TDI MULTI	3000	2011->	6	CDUC		Y-1002AS	
A7	3.0 TDI SPORTBACK	3000	2014->	6	CRTD		Y-1002AS	
A7	3.0 TDI SPORTBACK	3000	2014->	6	CVUA		Y-1002AS	
A7	3.0 TFSI	3000	2010->	6	CGWB	0.8	PFR8S8EG	
A7	3.0 TFSI	3000	2011->	6	CGXB	0.8	PFR8S8EG	
A7	3.0 TFSI	3000	2014->	6	CREC	0.8	PFR8S8EG	
A8	2.8 V6	2800	2007->	6	BDX	1.1	PFR6X-11	
A8	3.0 TDI	3000	2003->2010	6	BNG		Y-609AS	
A8	3.0 TDI	3000	2004->	6	ASB		Y-609AS	
A8	3.0 TDI	3000	2010->	6	CDTA		Y-1002AS	
A8	3.0 TFSI	3000	2011->	6	CGXC	0.8	PFR8S8EG	
A8	3.0 TSFI	3000	2010->	6	CGWA/CGXA/CMDA/CGXC	0.8	PFR8S8EG	
A8	3.2 V6	3200	2005->	6	BPK	0.8	PFR7W-T	
A8	3.7 V8	3700	1997->1998	8	AEW	0.8	BUR6EFSZ	
A8	3.7 V8	3700	2002->2006	8	BFL	0.8	BKR6EQUA	
A8	3.0 V6	3000	2004->	6	ASN/BBJ	0.8	BKR6EKUB	
A8	4.0 TDI	4000	2003->2005	8	ASE		Y-501U	
A8	4.2 FSI	4200	2000->2002	8	AUW	0.8	BKR6EQUP	BKR6EQUA
A8	4.2 FSI	4200	1998->2001	8	AQF	0.8	BKR6EQUP	BKR6EQUA
A8	4.2 FSI	4200	2009->	8	CDRA	0.8	PFR6W-TG	
A8	4.2 I	4200	1994->1999	8	ABZ	0.8	BUR6EFSZ	
A8	4.2 I	4200	1999->2000	8	ARU	0.8	BKR6EQUP	BKR6EQUA
A8	4.2 SI	4200	2002->2006	8	BFM	0.8	BKR6EQUA	
A8	4.2 SI	4200	2006->	8	BVJ	0.8	PFR6W-TG	
A8	4.2 TDI	4200	2005->	8	BMC		Y-609AS	
A8	4.2 TDI	4200	2009->	8	CDSB		Y-609AS	
A8	5.2 FSI	5200	2006->	10	BSM	0.8	PFR6W-T	
A8	6.0 FSI	6000	2004->	12	BHT	1.1	PZFR6J-11	
A8	6.3 W12 QUATTRO	6300	2011->	12	CEJA	0.8	ILZKR8A	
CABRIO	1.8 I	1800	1997->2000	4	ADR	0.8	BKUR6ET-10	
CABRIO	1.9 TDI	1900	1995->1996	4	1Z/AHU		Y-732J	
CABRIO	2.0 E	2000	1993->1998	4	ABK	0.8	BUR6ET	
CABRIO	2.3 E	2300	1991->1994	4	NG	0.8	BKR5EK	
CABRIO	2.6 EXEC	2600	1994->2000	6	ABC	1	BKUR6ET-10	
CABRIO	2.8 E COUPE	2800	1992->2000	6	AAH	1	BKUR6ET-10	
Q3	1.4 TFSI	1400	2013->	4	CHPB	0.8	PZKER7A-8EGS	
Q3	1.4 TFSI	1400	2013->	4	CZDA	0.8	PZKER7A-8EGS	
Q3	1.4 TFSI	1400	2013->	4	CZEA	0.8	PZKER7A-8EGS	
Q3	2.0 TDI	2000	2011->	4	CFFB		Y-1002AS	
Q3	2.0 TDI	2000	2011->	4	CFGC		Y-1002AS	
Q3	2.0 TFSI	2000	2011->	4	CCZC	0.8	PFR7S8EG	
Q3	2.0 TFSI	2000	2011->	4	CPSA	0.8	PFR7S8EG	
Q3	2.5 RS QUATTRO	2500	2014->	5	CEPA	0.8	LFR7AIX-P	
Q5	2.0 TDI	2000	2008->	4	CAHA, CAHB		Y-609AS	
Q5	2.0 TDI	2000	2009->	4	CAGA, CAGB		Y-609AS	
Q5	2.0 TDI	2000	2010->	4	CGLA,CGLB, CJCA, CMGA		Y-1002AS	
Q5	2.0 TDI	2000	2012->	4	CGLC		Y-1002AS	
Q5	2.0 TDI	2000	2012->	4	CGMB		Y-1002AS	
Q5	2.0 TDI	2000	2013->	4	CNHA		Y-1002AS	
Q5	2.0 TDI S	3000	2013->	6	CJCD		Y-1002AS	

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AUDI								**AUDI**
Q5	2.0 TFSI	2000	2008->	4	CDNC	0.8	PFR7S8EG	
Q5	2.0 TFSI	2000	2013->	4	CNCD	0.8	PLFER7A-8EG	
Q5	2.0 TURBO	2000	2009->	4	CDNB	0.8	PFR7S8EG	
Q5	2.0 TURBO	2000	2010->	4	CAEB	0.8	PFR7S8EG	
Q5	3.0 TDI	3000	2008->	6	CCWA, CCWB		Y-609AS	
Q5	3.0 TDI	3000	2012->	6	CDUD		Y-1002AS	
Q5	3.0 TDI	3000	2012->	6	CTBA		Y-1002AS	
Q5	3.2 FSI	3200	2008->	6	CALB	1.1	PFR6X-11	
Q5	SQ5 QUATTRO	3000	2012->	6	CGQB		Y-1002AS	
Q7	3.0 TDI	3000	2006->	6	BUG		Y-609AS	
Q7	3.0 TDI	3000	2007->2010	6	CASA		Y-609AS	
Q7	3.0 TDI	3000	2011->	6	CJGD		Y-1002AS	
Q7	3.0 TDI	3000	2011->	6	CRCA		Y-1002AS	
Q7	3.0 TFSI	3000	2010->	6	CJTB	0.8	PFR8S8EG	
Q7	3.0 TFSI	3000	2010->	6	CJTC	0.8	PFR8S8EG	
Q7	3.0 TFSI	3000	2010->	6	CJWB	0.8	PFR8S8EG	
Q7	3.0 TFSI	3000	2010->	6	CJWC	0.8	PFR8S8EG	
Q7	3.0 TFSI	3000	2010->	6	CNAA	0.8	PFR8S8EG	
Q7	3.6 FSI	3600	2006->	6	BHK	0.8	ILZKR7A	
Q7	3.6 QUATRO	3600	2006->	6	BHK	0.8	ILZKR7A	
Q7	4.2 QUATRO	4200	2006->	8	BAR	0.8	PFR6W-TG	
Q7	4.2 TDI	4200	2007->	8	BTR		Y-609AS	
Q7	4.2 TDI	4200	2009->2010	8	CCFA		Y-609AS	
Q7	6.0 TDI	6000	2008->	12	CCGA		Y-609AS	
QUATTRO	2.2 20V	2200	1981->1988	5	WR	0.8	PFR7B	
QUATTRO	2.2 20V	2200	1990->1992	5	3B	0.8	PFR7B	
QUATTRO	2.2 20V S4 TURBO	2200	2001->	5	AAN	0.8	BCPR7ES	
R8	4.2 FSI	4200	2007->	8	BYH	0.8	PFR7W-TG	
R8	5.2 FSI	5200	2009->2010	10	BUJ	0.8	PFR7W-TG	
R8	5.2 FSI	5200	2010->	10	BUJ	0.8	PFR7S8EG	
R8	5.2 GT	5200	2010->	10	CMPA	0.8	PFR7S8EG	
RS2	2.2 AVANT	2200	1994->1995	5	ADU	0.8	PFR7B	
RS3	2.5 RS	2500	2010->	5	CEPA	0.8	LFR7AIX-P	
RS4	2.7 BI TURBO	2700	2000->	6	ASJ	0.8	PFR7Q	
RS4	2.7 FSI	2700	2000->2001	6	AZR	0.8	PFR7Q	
RS4	4.2 FSI RS4	4200	2007->	8	BNS	0.8	PFR7W-TG	
RS5	4.2 FSI	4200	2007->	6	CAUA	0.8	PFR6W-TG	
RS5	4.2 FSI	4200	2010->	8	CFSA	0.8	PFR7S8EG	
RS6	4.2 QUATTRO	4200	2003->2004	8	BCY	0.8	PFR7Q	
S1	2.0 T QUATTRO	2000	2014->	4	CDLH	0.8	PFR7S8EG	
S1	2.0 TFSI	2000	2014->	4	CWZA	0.8	PLFER7A-8EG	
S2	2.2 COUPE	2200	1991->1995	5	ABY	0.8	PFR7B	
S3	1.8 TURBO	1800	1999->2001	4	AMK,AUL	0.8	PFR6Q	BKR6E
S3	1.8 TURBO	1800	1999->2001	4	APY	0.8	PFR6Q	BKR6E
S3	1.8 TURBO	1800	2002->2004	4	BAM	0.8	PFR6Q	BKR6E
S3	2.0 FSI	2000	2008->	4	CDLA	0.8	PFR7S8EG	
S3	2.0 TFSI	2000	2013->	4	CJXB	0.8	PLFER7A-8EG	
S3	2.0 TURBO	2000	2007->2007	4	BZC	0.8	PFR7S8EG	
S3	2.0 TURBO	2000	2008->	4	CDLC	0.8	PFR7S8EG	
S4	2.2 T 20V	2200	1992->1995	5	AAN	0.8	BCPR7ES	
S4	2.7 BI TURBO	2700	2003->	6	AGB,APB,AJK	0.8	PFR6Q	BKR6E
S4	3.0 QUATTRO	3000	2009->2012	6	CAKA	0.8	PFR8S8EG	
S4	3.0 TFSI	3000	2009->2012	6	CCBA/CAKA	0.8	PFR8S8EG	
S4	4.2 AVANT ,QUATTRO	4200	2004->	8	BBK	0.8	BKR6EQUP	BKR6EQUA
S4	4.2 FI	4200	2009->	6	BHF	0.8	BKR6EY	
S5	3.0 FSI	3000	2009->	6	CCBA	1.1	PFR6X-11	
S5	3.0 TFSI	3000	2011->	6	CMUA	0.8	PFR8S8EG	
S5	4.2 FSI	4200	2007->	8	CAUA	0.8	PFR6W-TG	
S6	2.2 20V	2200	2001->	5	AAN	0.8	PFR7B	
S6	4.2 FSI	4200	1994->1997	8	AEC	0.8	BUR6EFSZ	
S6	4.2 QUATTRO	4200	2001->2004	8	AQJ	0.8	BKR6EQUP	BKR6EQUA
S6	5.2 FSI	5200	2006->	10	BXA	0.8	PFR6W-T	
S8	4.2 FSI	4200	2001->2002	8	AVP,AYS	0.8	BKR6EQUP	BKR6EQUA
S8	4.2 FSI	4200	2001->2004	8	AKH	0.8	BUR6EFSZ	
S8	5.2 FSI	5200	2006->	10	BSM	0.8	PFR6W-T	
SUPER 90	1.8 L	1800	1966->1972	4	ZD	0.8	B8ES	BR8ES
TT	1.8 T QUATTRO,COUPE,ROADSTER	1800	2001->	4	APX	0.8	PFR6Q	BKR6E
TT	1.8 TFSI	1800	2008->	4	CDAA	0.8	PFR7S8EG	
TT	1.8 TURBO	1800	2000->2005	4	BAM	0.8	PFR6Q	BKR6E
TT	1.8 TURBO	1800	2000->2006	4	AJQ,APP,ARY	0.8	PFR6Q	BKR6E
TT	2.0 FSI	2000	2006->	4	BWA	0.8	PFR7S8EG	
TT	2.0 FSI	2000	2008->2010	4	CDLA	0.8	PFR7S8EG	



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AUDI								**AUDI**
TT	2.0 FSI	2000	2008->2010	4	CDLB	0.8	PFR7S8EG	
TT	2.0 FSI	2000	2010->	4	CETA	0.8	PFR7S8EG	
TT	2.0 T QUATTRO	2000	2010->2013	4	CETA	0.8	PFR7S8EG	
TT	2.0 TDI	2000	2008->	4	CBBB		Y-609AS	
TT	2.0 TDI	2000	2010->	4	CFGB		Y-1002AS	
TT	2.0 TFSI	2000	2010->	4	CCZA	0.8	PFR7S8EG	
TT	2.0 TFSI	2000	2010->	4	CDMA	0.8	PFR7S8EG	
TT	2.0 TFSI	2000	2010->	4	CESA	0.8	PFR7S8EG	
TT	2.0 TFSI	2000	2014->	4	CHHC	0.8	PLFER7A-8EG	
TT	2.0 TFSI TTS	2000	2014->	4	CJXG	0.8	PLFER7A-8EG	
TT	2.5 RS	2500	2010->	5	CEPA	0.8	LFR7AIX-P	
TT	3.2 QUATTRO	3200	2004->	6	BHE	0.8	IZKR7B	
TT	3.2 QUATTRO	3200	2006->	6	BUB	0.8	IZKR7B	
AUSTIN								**AUSTIN**
MARINA	1.3 CARB	1300	1980->	4		0.8	BP6ES	BPR6ES
MARINA	1.8 LS	1800	1980->	4		0.8	BP6ES	BPR6ES
BEDFORD								**BEDFORD**
ASTRA	1.6 D MAX	1600	1985->	4	16D OHC		Y-924J	
BRAVA	2.2 4X4	2200	1998->	4			Y-306R	
CF	2.0 D	2000	1979->1981	4			Y-208T	
CF	2.3 D	2300	1981->	4			Y-924J	
BENTLEY								**BENTLEY**
ARNAGE	4.4 V8	4400	2001->	8	M62B44	0.8	BKR6EQUP	BKR6EQUA
ARNAGE	6.8 V8	6800	2002->	8	RR,R	1.1	BKR5EP-11	BKR5E-11
ARNAGE	6.8 V8	6800	2002->	8	T	1.1	BKR5EP-11	BKR5E-11
CONTINENTAL	6.0 FLYING SPUR	6000	2006->	12	W12	0.8	PFR6Q	BKR6E
CONTINENTAL	6.0 GT	6000	2006->	12		0.8	PFR6Q	BKR6E
BMW								**BMW**
1 SERIES	114 I F20	1600	2011->	4	N13 B16A	0.8	PLZKBR7B8DG	
1 SERIES	116 I E81	1600	2007->	4	N45 B16	0.8	BKR6EQUA	
1 SERIES	116 I E87	1600	2005->	4	N45 B16	0.8	BKR6EQUA	
1 SERIES	116 I F20	1600	2011->	4	N13 B16A	0.8	PLZKBR7B8DG	
1 SERIES	118 I E81	2000	2007->	4	N46 B20	1.1	IZFR6H-11	
1 SERIES	118 I E87	2000	2005->	4	N46 B20	1.1	IZFR6H-11	
1 SERIES	118 I F20	1600	2011->	4	N13 B16A	0.8	PLZKBR7B8DG	
1 SERIES	120 D E87	2000	2005->	4	M47 N20 D4D		Y-547AS	
1 SERIES	120 I E87	2000	2007->	4	N43 B20	0.8	ZKBR7A-HTU	ZKBR7A-HTU
1 SERIES	120 I E87	2000	2004->	4	N46 B20	1.1	IZFR6H-11	
1 SERIES	120 I E88	3000	2008->	6	N52 B30	1.1	PLZFR6A-11S	
1 SERIES	120 I E88 CABRIO	2000	2008->	4	N43 B20	0.8	ZKBR7A-HTU	
1 SERIES	125 I	3000	2008->	6	N52 B30	1.1	PLZFR6A-11S	
1 SERIES	125 I E82	3000	2007->	6	N52 B30	1.1	PLZFR6A-11S	
1 SERIES	125 I E88	3000	2008->	4	N52 B30	1.1	PLZFR6A-11S	
1 SERIES	130 I E87	3000	2005->	6	N52 B30	1.1	ILZFR6D-11	
1 SERIES	130 I E81	3000	2006->	6	N52 B30	1.1	ILZFR6D-11	
1 SERIES	135 F21	3000	2012->	6	N55 B30A	0.8	SILZKBR8D8S	
1 SERIES	135 I E82	3000	2007->	6	N54 B30A	0.8	ZKBR7A-HTU	
1 SERIES	135 TI E87	3000	2007->	6	N52 B30	0.8	ZKBR7A-HTU	ZKBR7A-HTU
2 SERIES	218 I	1800	2014->	4	N13 B16A	0.8	PLZKBR7B8DG	
2 SERIES	228 I	2000	2014->	4	N20 B20A	0.8	SILZKBR8D8S	
2 SERIES	235 I	3000	2014->	6	N55 B30A	0.8	SILZKBR8D8S	
3 SERIES	316 I E30	1800	1987->1988	4	M10 B18	0.8	BPR5ES	BP5ES
3 SERIES	316 I E36	1800	1989->1993	4	M40 B16	0.8	BKR6EK	
3 SERIES	316 I E36/5	1600	1996->2000	4	M43 B16	0.8	BKR6EK	
3 SERIES	316 I F30	1600	2013->	4	N13 B16A	0.8	PLZKBR7B8DG	
3 SERIES	316 TI E46/5	1800	2003->2004	4	N46 B18	1.1	IZFR6H-11	
3 SERIES	318 I E91 TOURING	2000	2006->	4	M46 B20	1.1	IZFR6H-11	
3 SERIES	318 I E30 TOURING	1800	1987->1994	4	M40 B18	0.8	BKR6EK	
3 SERIES	318 I E46 TOURING	1900	1999->2001	4	M43 B19	0.8	BKR6EQUP	BKR6EQUA
3 SERIES	318 I E91	2000	2005->2007	4	M47 N204D4		Y-547AS	
3 SERIES	318 I,IS E36	1800	1993->1999	4	M42 B18	0.8	BKR6EK	
3 SERIES	318 TI E36	1900	1996-1999->	4	M44 B19	0.8	BKR6EK	
3 SERIES	318 TI E46/5 COMPACT	2000	2001->2004	4	N42 B20	0.8	BKR6EQUP	BKR6EQUA
3 SERIES	320 CI E46	2200	2000->2005	6	M54 B22	0.8	BKR6EQUP	BKR6EQUA



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Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval
BMW								**BMW**
3 SERIES	320 D E46/4	2000	2000->2005	4	M47 ND20		Y-547AS	
3 SERIES	320 D E46/4	2000	2000->2001	4	M47 D20		Y-507J	
3 SERIES	320 D E90	2000	2005->2007	4	M47 N204D4		Y-547AS	
3 SERIES	320 D E90	2000	2010->	4	M47 D20C		Y-547AS	
3 SERIES	320 D E92	2000	2006->	4	M47 N204D4		Y-547AS	
3 SERIES	320 I E36	2000	1992->1996	6	M50 B20	0.8	BKR6EK	
3 SERIES	320 I E90	2000	2005->	4	M46 B20	1.1	IZFR6H-11	
3 SERIES	320 I E91 TOURING	2000	2005->	4	M46 B20	1.1	IZFR6H-11	
3 SERIES	320 I E92	2000	2007->	4	N43 B20	0.8	ZKBR7A-HTU	ZKBR7A-HTU
3 SERIES	320 I CI E46	2000	1999->2000	6	M52 B20	0.8	BKR6EQUP	BKR6EQUA
3 SERIES	320 I E30 TOURING	2000	1982->1992	6	M20 B20	0.8	BPR5ES	BP5ES
3 SERIES	320 I E93	2000	2007->	4	M46 B20	1.1	IZFR6H-11	
3 SERIES	320 I F30	2000	2012->	4		0.8	SILZKBR8D8S	
3 SERIES	323 CI E46	2500	1999->	6	M52 B25	0.8	BKR6EQUP	BKR6EQUA
3 SERIES	323 E93	2500	2007->2012	6	N52 B25A	1.1	ILZFR6D-11	
3 SERIES	323 I E30	2300	1982->1986	6	M20 B23	0.8	BP5ES	BPR5ES
3 SERIES	323 I E36	2500	1995->1999	6	M52 B25	0.8	BKR6EK	
3 SERIES	323 I E46	2500	1999->	6	M52 B25	0.8	BKR6EQUP	BKR6EQUA
3 SERIES	323 I E90	2500	2004->	6	N52 B30	1.1	PLZFR6A-11S	
3 SERIES	325 CI E43/2	2500	2001->	6	M54 B25	0.8	BKR6EQUP	BKR6EQUA
3 SERIES	325 D E91	3000	2006->	6	M57 N2D30		Y-547AS	
3 SERIES	325 I E92	2500	2006->	6	M52 B25	1.1	ILZFR6D-11	
3 SERIES	325 I E36 CONV	2500	1992->1995	6	M50 B25	0.8	BKR6EK	
3 SERIES	325 I E46/3 TOURING	2500	2001->	6	M54 B25	0.8	BKR6EQUP	BKR6EQUA
3 SERIES	325 I E90	2500	2005->	6	N52 B25	1.1	ILZFR6D-11	
3 SERIES	325 I E93	2500	2007->	6	N52 B25	1.1	ILZFR6D-11	
3 SERIES	325 I,S E30	2500	1986 ->1988	6	M20 B25	0.8	BPR6ES	BP6ES
3 SERIES	325 TD E36	2500	1991->1999	6	M51D25		Y-924J	
3 SERIES	325 TDS E36	2500	1993->1999	6	M51 D25		Y-924J	
3 SERIES	325 TI E46/5 COMPACT	2500	2001->2004	6	M54 B25	0.8	BKR6EQUP	BKR6EQUA
3 SERIES	328 I CI E46	2800	1999->	6	B52 B28	0.8	BKR6EQUP	BKR6EQUA
3 SERIES	328 I E36	2800	1995->1999	6	M52 B28	0.8	BKR6EK	
3 SERIES	328 I E46	2800	1996->1999	6	M52 B28	0.8	BKR6EK	
3 SERIES	328 I F25	2000	2012->	4	N20 B20A	0.8	SILZKBR8D8S	
3 SERIES	328 I GT F25	2800	2014->	4	N20 B20A	0.8	SILZKBR8D8S	
3 SERIES	330 CD E46	3000	2003->2006	6	M57 ND30		Y-547AS	
3 SERIES	330 CD E92	3000	2006->	6	M57 N2D30		Y-547AS	
3 SERIES	330 CI E46/2 CONV	3000	2001->	6	M54 B30	0.8	BKR6EQUP	BKR6EQUA
3 SERIES	330 D E46/3/4	3000	2000->2003	6	M57 D30		Y-507J	
3 SERIES	330 D E90	3000	2006->	6	M57 N2D30		Y-547AS	
3 SERIES	330 D E92	3000	2006->	6	M57 N2D30		Y-547AS	
3 SERIES	330 D E93	3000	2007->	6	M57 N2 D30		Y-547AS	
3 SERIES	330 I E90	3000	2005->	6	N52 B30	1.1	ILZFR6D-11	
3 SERIES	330 I E93	3000	2007->	6	N52 B30	1.1	ILZFR6D-11	
3 SERIES	330 XD E46	3000	2003->2005	6	M57 ND30		Y-547AS	
3 SERIES	330 XD E46/3/4	3000	2000->2003	6	M57 D30		Y-507J	
3 SERIES	333 I E30	3300	1985->1987	6	M30 B33	0.8	BPR6ES	BP6ES
3 SERIES	335 I E90	3000	2009->	6	N54 B30A	0.8	ZKBR7A-HTU	
3 SERIES	335 I E92	3000	2006->	6	M57 N2D30		Y-547AS	
3 SERIES	335 I E92	3000	2007->	6	N54 B30A	0.8	ZKBR7A-HTU	
4 SERIES	428 I F26	2000	2014->	4	N20 B20A	0.8	SILZKBR8D8S	
5 SERIES	1.8 E12	1800	1975->1984	4	M10 B18	0.8	BPR6ES	BP6ES
5 SERIES	518 E12	2000	1979->1982	4	M10 B20	0.8	BPR6ES	BP6ES
5 SERIES	518 I E28	2000	1982->1985	4	M10 B18	0.8	BPR6ES	BP6ES
5 SERIES	520 D E60	2000	2005->2007	4	M47 N204D4		Y-547AS	
5 SERIES	520 D E61	2000	2005->	4	M47 N204D4		Y-547AS	
5 SERIES	520 E12	2000	1982->1985	6	M60 B20	0.8	BPR5ES	BP5ES
5 SERIES	520 I E34	2000	1982->1990	6	M20 B20	0.8	BPR6ES	BP6ES
5 SERIES	520 I E34	2000	1990->1994	6	M50 B20	0.8	BKR6EK	
5 SERIES	523 F10	3000	2010->	6	N53 B30	0.5	ZKBR7A-HTU	
5 SERIES	523 F11	3000	2010->	6	N53 B30	0.5	ZKBR7A-HTU	
5 SERIES	523 I E39	2500	1996->	6	M52 B25	0.8	BKR6EK	
5 SERIES	523 I E39	2500	1998->2000	6	M52 B25	0.8	BKR6EQUP	BKR6EQUA
5 SERIES	523 I E60	2500	2004->2006	6	N52 B25	1.1	ILZFR6D-11	
5 SERIES	523 I E61	2500	2005->	6	N52 B25	1.1	ILZFR6D-11	
5 SERIES	525 D E39/2	2500	2000->2003	6	M57 D25		Y-507J	
5 SERIES	525 D E61	2500	2004->	6	M57 ND25		Y-547AS	
5 SERIES	525 E E28	2700	1986->1989	6	M20 B27	0.8	BPR5ES	BP5ES
5 SERIES	525 E60	2500	2004->	6	N52 B25	1.1	ILZFR6D-11	
5 SERIES	525 I E34	2500	1989->1990	6	M20 B25	0.8	BPR6ES	BP6ES
5 SERIES	525 I E34	2500	1990->1996	6	M50 B25	0.8	BKR6EK	
5 SERIES	525 I E39	2500	2001->	6	M54 B25	0.8	BKR6EQUP	BKR6EQUA



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Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval
BMW								**BMW**
5 SERIES	525 I E60	2500	2003->2004	6	M54 B25	0.8	BKR6EQUP	BKR6EQUA
5 SERIES	525 I E60	2500	2007->	6	N53 B25	0.8	ZKBR7A-HTU	ZKBR7A-HTU
5 SERIES	525 I E61	2500	2004->	6	N52 B25	1.1	ILZFR6D-11	
5 SERIES	525 I E61N	2500	2007->	6	N53 B25	0.8	ZKBR7A-HTU	ZKBR7A-HTU
5 SERIES	525 TDI E34/39	2500	1992->1996	6	M51 D25		Y-924J	
5 SERIES	528 F10	3000	2010->	6	N53 B30	0.8	ZKBR7A-HTU	
5 SERIES	528 F10	3000	2010->2011	6	N53 B30A	0.8	ZKBR7A-HTU	
5 SERIES	528 I E28	2800	1978->1989	6	M30 B28	0.8	BPR5ES	BP5ES
5 SERIES	528 I E39	2800	1996->2000	6	M52 B28	0.8	BKR6EK	
5 SERIES	530 D E39/2	3000	1999->2004	6	M57 D30		Y-507J	
5 SERIES	530 D E61	3000	2005->	6	M57 N2D30		Y-547AS	
5 SERIES	530 I E12	3000	1977->1980	6	M30 B30	0.8	BPR5ES	BP5ES
5 SERIES	530 I E34	3000	1993->1996	8	M60 B30	0.8	BKR6EK	
5 SERIES	530 I E39/2	3000	2001->	6	M54 B30	0.8	BKR6EQUP	BKR6EQUA
5 SERIES	530 I E60 TOURING	3000	2003->2004	6	M54 B30	0.8	BKR6EQUP	BKR6EQUA
5 SERIES	530 I E61	3000	2005->	6	N52 B30	1.1	ILZFR6D-11	
5 SERIES	535 F10	3000	2010->	6	N55 B30A	0.8	SILZKBR8D8S	
5 SERIES	535 GT	3000	2012->	6	N55 B30A	0.8	SILZKBR8D8S	
5 SERIES	535 I E34	3500	1985->1994	6	M30 B35	0.8	BPR5ES	BP5ES
5 SERIES	540 I E34	4000	1993->1996	8	M60 B40	0.8	BKR6EK	
5 SERIES	540 I E39 TOURING	4400	1998->	8	M62 B44	0.8	BKR6EQUP	BKR6EQUA
5 SERIES	545 I E60	4400	2004->	8	N62 B44	0.8	BKR6EQUP	BKR6EQUA
5 SERIES	550 F10	4400	2010->	6	N63 B44A	0.8	SILZKBR8D8S	
5 SERIES	550 I E60	4800	2005->	8	N62 B48	1.1	IZFR6H-11	
5 SERIES	ACTIVEHYBRID 5 F10	3000	2012->	6	N55 B30A	0.8	SILZKBR8D8S	
6 SERIES	635 CSI E24	3400	1982->1988	6	M30 B34	0.8	BPR5ES	BP5ES
6 SERIES	640 I	3000	2012->	6	N55 B30A	0.8	SILZKBR8D8S	
6 SERIES	645 CI E63	4400	2004->2005	8	N62 B44	0.8	BKR6EQUP	BKR6EQUA
6 SERIES	650 CI E64	4800	2005->	8	N62 B48	1.1	IZFR6H-11	
6 SERIES	650 F12	4400	2011->2012	8	N64 B44A	0.8	SILZKBR8D8S	
7 SERIES	728,728I E23	2800	1978->1987	6	M30 B28	0.8	BPR5ES	BP5ES
7 SERIES	730 D E65	3000	2001->2005	6	M57 D30		Y-507J	
7 SERIES	730 D F01	3000	2009->	6	N57 D30A		Y-547AS	
7 SERIES	730 E23	3000	1978->1980	6	M30 B30	0.8	BPR5ES	BP5ES
7 SERIES	730 I E32	3000	1987->1992	6	M30 B30	0.8	BPR5ES	BP5ES
7 SERIES	730 I E32	3000	1991->1994	6	M30 B30	0.8	ZGR5A	
7 SERIES	730 I E38	3000	1993->1994	8	M60 B30	0.8	BKR6EK	
7 SERIES	733 I E23	3300	1980->1984	6	M30 B33	0.8	BPR5ES	BP5ES
7 SERIES	735 I E32	3400	1986->1992	6	M30 B35	0.8	BPR5ES	BP5ES
7 SERIES	735 I E38	3500	1998->	8	M62 B35	0.8	BKR6EQUP	BKR6EQUA
7 SERIES	735 I E65	3600	2002->2005	8	N62 B36	0.8	BKR6EQUP	BKR6EQUA
7 SERIES	740 I E32	4000	1993->1996	8	M60 B40	0.8	BKR6EK	
7 SERIES	740 I E38	4400	1997->2002	8	M62 B44	0.8	BKR6EK	
7 SERIES	740 I E65	4000	2005->	8	N62 B40	1.1	IZFR6H-11	
7 SERIES	740 I F01	3000	2009->	6	N53 B30A	0.8	SILZKBR8D8S	
7 SERIES	745 I E23	3500	1984->1987	6	M88 B35	0.7	D7EA	DR7EA
7 SERIES	745 LI E65	4400	2002->2005	8	N62 B44	0.8	BKR6EQUP	BKR6EQUA
7 SERIES	750 I E32	5000	1988->1994	12	M70 B50	1.1	ZFR5F-11	
7 SERIES	750 I E38	5400	1999->	12	M73 B54	0.8	BKR6EQUP	BKR6EQUA
7 SERIES	750 I E65	4800	2007->	8	N62 B48	1.1	IZFR6H-11	
7 SERIES	750 I F01	4500	2009->	8	N63 B44A	0.8	SILZKBR8D8S	
7 SERIES	760 F02	6000	2009->	12	N74 B60A	0.8	SILZKBR8D8S	
7 SERIES	760 I E65	6000	2004->2007	12	N73 B60	0.8	BKR6EQUP	BKR6EQUA
7 SERIES	ACTIVEHYBRID 7 F01	3000	2012->	6	N55 B30A	0.8	SILZKBR8D8S	
8 SERIES	850 I E31	5000	1992->1994	12	M70 B50	1.1	ZFR5F-11	
M SERIES	M3 E36	3000	1992->1995	6	S50 B30	0.8	PKR7A	
M SERIES	M3 E36	3200	1995->1999	6	S50 B32	0.8	PKR7A	
M SERIES	M3 E46	3200	2001->2006	6	S54 B32	0.8	DCPR8EKP	
M SERIES	M3 E90	4000	2007->	8	S65 B40	0.8	LKR8AP	LKR8A
M SERIES	M3 E92	4000	2007->	8	S65 B40	0.8	LKR8AP	LKR8A
M SERIES	M3 E93	4000	2007->	8	S65 B40	0.8	LKR8AP	LKR8A
M SERIES	M5 E28	3500	1981->1985	6	M90 B35	0.8	BPR5ES	BP5ES
M SERIES	M5 E28	3500	1985->1987	6	S38 B35	0.7	DR7EA	
M SERIES	M5 E39	5000	1998->2003	8	S62 B50	0.8	BKR6EQUP	BKR6EQUA
M SERIES	M5 E60	5000	2007->	10	S85 B50A	0.8	LKR8AP	LKR8A
M SERIES	M6 E63	5000	2004->2007	10	S85 B50	0.8	LKR8AP	LKR8A
M SERIES	M6 E64	5000	2005->	10	S85 B50	0.8	LKR8AP	LKR8A
X SERIES	X1 1.8I E84	2000	2009->	4	N46 B20	1.1	IZFR6H-11	
X SERIES	X1 1.8 SDRIVE E84	1800	2012->	4	N46 B20B	1.1	IZFR6H-11	
X SERIES	X1 2.8I E84	3000	2009->	6	N52 B30	1.1	PLZFR6A-11S	
X SERIES	X1 2.0 D S DRIVE E84	2000	2012->	4	N47 D20C		Y-547AS	
X SERIES	X3 2.0I E83	2000	2005->	4	N46 B20	1.1	IZFR6H-11	



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Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval
BMW								**BMW**
X SERIES	X3 2.5I E83	2500	2004->	6	M54 B25	0.8	BKR6EQUP	BKR6EQUA
X SERIES	X3 2.5I E83	2500	2005->	6	M54 B25	0.8	BKR6EQUP	BKR6EQUA
X SERIES	X3 2.5I E84	3000	2009->	6	N52 B30	1.1	PLZFR6A-11S	
X SERIES	X3 2.5SI E83	2500	2006->	6	N52 B25	1.1	ILZFR6D-11	
X SERIES	X3 2.0 D E83	2000	2005->	4	M47 N D20		Y-547AS	
X SERIES	X3 2.8 XDRIVE F25	2000	2013->	4	N20 B20A	0.8	SILZKBR8D8S	
X SERIES	X3 3.0D E83	3000	2006->	6	M57 N2 D30		Y-547AS	
X SERIES	X3 3.0I E70	3000	2007->	6	N52 B30	1.1	ILZFR6D-11	
X SERIES	X3 3.0I E83	3000	2004->	6	M54 B30	0.8	BKR6EQUP	BKR6EQUA
X SERIES	X3 3.0I E83	3000	2004->	6	M54 B30	0.8	BKR6EQUP	BKR6EQUA
X SERIES	X3 3.0SI E83	3000	2006->	6	N52 B30	1.1	ILZFR6D-11	
X SERIES	X4 2.8 XDRIVE F26	2800	2014->	6	N20B20A	0.8	SILZKBR8D8S	
X SERIES	X5 3.0D E53	3000	2001->2003	6	M57 D30		Y-507J	
X SERIES	X5 3.0D E53	3000	2004->	6	M57 N D30		Y-547AS	
X SERIES	X5 3.0D E70	3000	2007->	6	M57 N2 D30		Y-547AS	
X SERIES	X5 3.0I E53	3000	1999->2006	6	M54 B30	0.8	BKR6EQUP	BKR6EQUA
X SERIES	X5 3.0I E53	3000	2001->	6	M54 B30	0.8	BKR6EQUP	BKR6EQUA
X SERIES	X5 3.0I E70	3000	2007->	6	N52 B30	1.1	ILZFR6D-11	
X SERIES	X5 3.5 XDRIVE E70	3000	2010->	6	N55 B30A	0.8	PLZKBR7B8DG	
X SERIES	X5 4.4I E53	4400	2001->2004	8	M62 B44	0.8	BKR6EQUP	BKR6EQUA
X SERIES	X5 4.4I E53	4400	2003->2006	8	N62 B44	0.8	BKR6EQUP	BKR6EQUA
X SERIES	X5 4.6IS E53	4600	2003->2004	8	M62 B46	0.8	BKR6EQUP	BKR6EQUA
X SERIES	X5 4.8I E53	4800	2003->2006	8	N62 B48	1.1	IZFR6H-11	
X SERIES	X5 4.8I E70	4800	2007->	8	N62 B48	1.1	IZFR6H-11	
X SERIES	X5 4.8IS E53	4800	2004->2007	8	N62 B48	1.1	IZFR6H-11	
X SERIES	X5 5.0 X DRIVE E70	4400	2010->	8	N63 B44A	0.8	SILZKBR8D8S	
X SERIES	X6 3.0I E71	3000	2008->	6	N54 B30	1.1	IZFR6H-11	
Z SERIES	Z3 E36	3000	2000->2003	6	M54 B30	0.8	BKR6EQUP	BKR6EQUA
Z SERIES	Z3 E36 COUPE	3200	1997->2001	6	S50 B32	0.8	PKR7A	
Z SERIES	Z3 E36 ROADSTER	2800	1997->2000	6	M52 B28	0.8	BKR6EK	
Z SERIES	Z4 E85	2000	2005->	4	N46 B20	1.1	IZFR6H-11	
Z SERIES	Z4 E85	2500	2003->	6	M54 B25	0.8	BKR6EQUP	BKR6EQUA
Z SERIES	Z4 E85	2500	2007->	6	N52 B25	1.1	ILZFR6D-11	
Z SERIES	Z4 E85	3000	2003->	6	M54 B30	0.8	BKR6EQUP	BKR6EQUA
Z SERIES	Z4 E85	3200	2006->	6	S54 B32	0.8	DCPR8EKP	
Z SERIES	Z4 E86	3000	2005->2007	6	N52 B30	1.1	ILZFR6D-11	
Z SERIES	Z4 E86	3200	2005->2007	6	S54 B32	0.8	DCPR8EKP	
Z SERIES	Z4 E89	2500	2008->	6	N54 N B25	1.1	PLZFR6A-11S	
Z SERIES	Z4 E89	3000	2008->	6	N54 N B30	1.1	PLZFR6A-11S	
Z SERIES	Z8 E52	5000	2004->	8	S62 B50	0.8	BKR6EQUP	BKR6EQUA
BUICK								**BUICK**
ENCLAVE	3.6 CX	3600	2009->	6	V6 D FI	1.1	ILTR6E-11	
LACROSSE	3.6 FI	3600	2005->	6	V6 2 FI	1.5	TR55IX	BPR5EFS-13
LACROSSE	3.6 FI	3600	2005->	6	V6 7 FI 217	0.8	ILTR6A-8G	
LACROSSE	3.8 CXL	3800	2009->	6	V6 2 FI	1.5	ITR4A-15	
LACROSSE	5.3 FI	5300	2009->	8	V8 C FI	1.1	IZTR5B-11	
LUCERNE	3.9 CXL	3900	2009->	6	V6 1 FI	1.1	IZTR4A-11	
LUCERNE	4.6 CXL	4600	2009->	8	V8 9 FI	0.8	TR7IX	
CADILLAC								**CADILLAC**
BLS	1.9 D	1900	2006->	4	Z19DTH		YE07	
CTS	3.6 V6	3600	2008->	6	7FI	1.1	LTR6IX-11	
ESCALADE	6.2 LI	6200	2006->2007	8	L92	1.5	TR55IX	BPR5EFS-13
SEVILLE STS	4.6 SI	4600	2000->	8		1.3	PTR5C-13	
SRX	3.6 I V6	3600	2006->	6		0.8	ILTR6A-8G	
CAM								**CAM**
INYATHI	2.2 I	2200	2006->	4	SF491QE	0.8	BPR6ES	BP6ES
LEO	2.2 L	2200	2006->	4	SF491QE	0.8	BPR6ES	BP6ES
LEOPARD	2.2 L	2200	2006->	4	SF491QE	0.8	BPR6ES	BP6ES
RHINO	2.2 L	2200	2006->	4	SF491QE	0.8	BPR6ES	BP6ES
CHANA								**CHANA**
BENNI	1.3 I	1300	2008->	4	JL474Q2	0.8	BCPR6ES	BCP6ES
CHANA	1.0 L	1000	2006->	4	JL465Q5	0.8	BPR6ES	BP6ES
CHANA	1.3 S	1300	2006->	4	JL474Q	0.8	BCPR6ES	BCP6ES
MAXI-STAR	1.3 H	1300	2007->	4		0.8	BCPR7ES	BCP7ES



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CHANA								**CHANA**
RAINBOW	1.0 I	1000	2007->	4		0.8	BPR6ES	BP6ES
RAINBOW	1.3 I	1300	2007->	4		0.8	BCPR7ES	
STAR	1.0 L	1000	2006->	4		0.8	BPR6ES	BP6ES
STAR	1.3 H	1300	2006->	4		0.8	BCPR7ES	BCP7ES
CHANGAN								**CHANGAN**
STAR	1.0 I	1000	2000->	4	JL472Q	0.8	BKR5ES	
STAR	1.3 I	1300	2004->	4	JL474Q	0.8	BKR6E	
CHERY								**CHERY**
J1	1.3 TE	1300	2011->	4	S2X	1.1	BKR6E-11	
J2	1.5 I	1500	2012->	4	SQR477F	0.8	BKR6E	
J3	1.6 TXE	1600	2011->	4	M1X	0.8	BCPR7ET	BCPR7ES
J5	2.0 I	2000	2008->	4		0.8	BCPR6ET	BCPR6ES
QQ3	0.8 I	800	2008->	3	SQR372	1.1	BKR5E-11	
QQ3	1.1 I	1100	2008->	4		1.1	BKR5E-11	
TIGGO	1.6	1600	2010->	4	SQR481FG	0.8	BCPR6ET	BCPR6ES
TIGGO	2.0 I	2000	2008->	4		0.8	BCPR6ET	BCPR6ES
CHEVROLET								**CHEVROLET**
308	5.0 V8	5000	1989->	8		0.8	BP5FS	BPR5FS
ASCONA	1.3 S	1300	1978->1981	4		0.8	BPR6ES	BP6ES
AVEO	1.2 I	1200	2008->	4	LMU	0.8	DCPR8E	
AVEO	1.4 16V	1400	2005->2008	4	DOHC	1.1	BKR6E-11	
AVEO	1.4 MFI	1400	2008->	4	F14D4	1.1	ZFR6F-11	
AVEO	1.5 I	1500	2003->	4		1.1	BPR6ES-11	
AVEO	1.6 I	1600	2006->2008	4	F16D	1.1	BKR6E-11	
AVEO	1.6 I	1600	2010->	4	L4	1.1	ZFR6F-11	
AVEO	1.6 LT	1600	2009->	4	L4 EFI	1.1	ZFR6F-11	
BLAZER	4.3 V6	4300	2003->2003	6	EFI	1.5	TR55IX	BPR5EFS-13
BLAZER	5.7 V8	5700	1994->	8	EFI	0.8	BPR6FS	
C10	4.1 LCV	4100	1974->1980	6		0.8	BPR5ES	BP5ES
C20	4.1 LCV	4100	1974->1980	6		0.8	BPR5ES	BP5ES
CAPTIVA	2.2 D	2200	2012->	4	Z22D1		Y-8010AS	
CAPTIVA	2.2 D	2200	2012->	4	Z22D1		Y-8010AS	
CAPTIVA	2.4 I	2400	2006->	4	Z24SED	0.8	BKR5EK	
CAPTIVA	2.4 LT	2400	2006->	4	Z24SED	0.8	BKR5EK	
CAPTIVA	2.4 LT	2400	2009->	4	LES	1.3	PTR5A-13	
CAPTIVA	3.0 I	3000	2012->	6	V6		ILTR6E-11	
CAPTIVA	3.0 LTZ	3000	2012->	6	LF	1.1	LTR6IX-11	
CAPTIVA	3.2 I	3200	2006->	6	Z32SED	1.3	PTR5A-13	
CAPTIVA	3.2 V6	3200	2006->	6	Z32SED	1.3	PTR5A-13	
CAVALIER	2.2 S	2200	2005->	4	L4	1.3	PTR5C-13	
CHEVAIR	1.6 L	1600	1980->1982	4		0.6	BP6HS	BPR6HS
CHEVAIR	2.0 DL	2000	1976->1980	4		0.8	BPR5ES	BP5ES
CHEVAIR	2.3 GL,SR	2300	1976->1981	4		0.8	BPR5ES	BP5ES
COMMODORE	3.8 S/WAGON	3800	1978->1982	6		0.8	BPR5ES	BP5ES
COMMODORE	4.1 GL	4100	1978->1982	6		0.8	BPR5ES	BP5ES
CORVETTE	5.7 V8 FI	5700	2001->2003	8	G, EFI	1.5	TR55IX	BPR5EFS-13
CORVETTE	5.7 V8	5700	1996->2000	8	EFI	1.5	TR55IX	BPR5EFS-13
CORVETTE	5.7 V8 FI	5700	2003->2004	8		1.5	PZTR5A-15	
CORVETTE	6.0 V8 FI	6000	2005->	8		1.5	PZTR5A-15	
CROSSFIRE	3.2 V6 EFI	3200	2006->	6		1.1	PFR5J-11	BKR5E-11
CRUZE	1.4 I	1400	2009->	4	F14D4	1.1	ZFR6F-11	
CRUZE	1.4 T	1400	2012->	4	A14NET	0.7	IFR7X-7G	
CRUZE	1.6 I	1600	2003->2005	4	F16D3	1.1	BKR6E-11	
CRUZE	1.6 I	1600	2009->2012	4	F16D4	1.1	ZFR6F-11	
CRUZE	1.6 I	1600	2009->2012	4	F16D4	1.1	ZFR6F-11	
CRUZE	1.6 I	1600	2013->	4	LDE		ZFR6U-9	
CRUZE	1.8 I	1800	2009->	4	F18D4	0.9	ZFR6U-9	
CRUZE	2.0 D LS	2000	2012->	4	Z20S1		Y-8009AS	
LUMINA	2.2 I	2200	2004->	4		1.1	IZFR6K-11	ZFR6K-11
LUMINA	3.7 I	3700	2005->	6	LY7	1.5	BPR6EFS-15	
LUMINA	3.7 LI	3700	2005->	6	LEO	1.3	BPR6EF-13	
LUMINA	3.8 FI	3800	2003->	8		0.8	BPR6EFS	
LUMINA	5.7 SS	5700	2003->	8		1.3	TR55IX	BPR5EFS-13
LUMINA	6.0 SS	6000	2007->	8		1.5	TR55IX	BPR5EFS-13
LUV	1.6 LCV	1600		4		0.8	BPR6ES	BP6ES
NOMAD	2.5 LCV	2500	1976->1980	4		0.8	BPR5ES	BP5ES



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CHEVROLET								**CHEVROLET**
OPTRA	1.6 LS	1600	2004->	4	F16D	1.1	BKR6E-11	
OPTRA	1.8 LT	1800	2004->	4	T18SED	0.8	BKR5EK	
ORLANDO	1.8 I	1800	2011->	4	2H0	1.1	ZFR6U-9	
REKORD	2.0 GL	2000	1980->1982	4		0.6	BP6HS	BPR6HS
REKORD	2.3 GL,L	2300	1978->1981	4		0.8	BPR5ES	BP5ES
SENATOR	4.1 LT	4100	1979->1982	6		0.8	BPR5ES	BP5ES
SONIC	1.3 D	1300	2012->	4	DURAMAX		Y-8003J	
SONIC	1.4 I	1400	2012->	4	14XER	1.1	ZFR6V-G	
SONIC	1.6 I	1600	2012->	4	F16D4	1.1	ZFR5F-11	
SPARK	0.8 LS	800	2003->2005	3	F8CV	1.1	BPR6ES-11	
SPARK	1.0 L	1000	2005->	4	B10S	1.1	BPR5EY-11	
SPARK	1.2 L	1200	2011->	4	B12D1	0.8	DCPR8E	
TAHOE	5.3 V8 FI	5300	2006->	8	LY5	1.5	TR55IX	BPR5EFS-13
TRAILBLAZER	3.6 V6 LTZ	3600	2012->	6		1.1	LTR6IX-11	
UTILITY	1.3 D	1300	2006->	4	Z13DT		Y-8003J	
UTILITY	1.3 I	1300	1997->2000	4	13NE	0.8	BPR6EY	
UTILITY	1.4 I	1400	2000->2004	4	14NE	0.8	BPR6EY	
UTILITY	1.4 I	1400	2005->2006	4	Z14XE	0.8	BKR5EK	
UTILITY	1.4 I	1400	2006->	4	X14SE	1.1	ZFR5F-11	
UTILITY	1.4 I	1400	2006->	4	Z14XEP	1.1	ZFR5F-11	
UTILITY	1.6 I	1600	1997->2004	4	16NE	0.8	BCPR6ES	
UTILITY	1.7 CDTI	1700	2004->	4	Z17DTH		Y-541J	
UTILITY	1.7 D	1700	2006->	4	Z17DTR		Y-541J	
UTILITY	1.7 DTI	1700	2006->	4	Y17DT		Y-541J	
UTILITY	1.8 I	1800	2006->	4	Z18SE	0.8	BPR5EY	
VIVANT	1.6 DOHC	1600	2003->	4		1.1	BKR6E-11	
VIVANT	2.0 LS DOHC	2000	2003->	4		0.8	BKR6EK	
CHRYSLER								**CHRYSLER**
300C	2.7 LX V6	2700	2006->	6	DFI	1.3	PLZTR5A-13	LZTR5A-13
300C	3.0 D	3000	2005->2010	6	M664		Y-8002AS	
300C	3.5 LI V6	3500	2006->	6	G FI	1.3	ZFR5LP-13G	
300C	3.6 I	3600	2012->	6	ERB	0.8	ILKR7B-8	
300C	5.7 FI	5700	2004->	8	HEMI	1.3	PLZTR5A-13	LZTR5A-13
300C	6.1 SRT8	6100	2006->	8	WV	1.3	PLZTR5A-13	LZTR5A-13
CHEROKEE	2.5 D	2500	1995->2001	4	VM		Y-741U	
CHEROKEE	3.7 V6 SPORT	3700	2001->	6		1.1	ZFR6F-11G	
CHEROKEE	4.0 I V6	4000	2001->	6		1	FR5-1	
CHEROKEE	4.7 I V8	4700	2001->	8		1.1	BKR5E-11	
CROSSFIRE	3.2 ROADSTER	3200	2004->	6	MERC ENG	1	IFR6D-10	
CROSSFIRE	3.2 SRT6 SUPERCHARGED	3200	2006->	6		1.1	BKR5ES-11	
GRAND JEEP CHEROKEE	2.5 D	2500	1997->1999	4	VM		Y-741U	
GRAND JEEP CHEROKEE	2.5 TD	2500	1999->	4	ENC		Y-741U	
GRAND JEEP CHEROKEE	2.7 CRD	2700	2002->	5	MERCEDES CDI		Y-745U	
GRAND JEEP CHEROKEE	3.0 CRD	3000	2006->2010	6	MERCEDES		Y-745U	
GRAND JEEP CHEROKEE	3.7 I V6	3700	2006->	6	KFI	1.1	PZFR6F-11	ZFR6F-11
GRAND JEEP CHEROKEE	3.7 V6 LAREDO	3700	2009->	6	KFI	1.1	PZFR6F-11	ZFR6F-11
GRAND JEEP CHEROKEE	4.0 I	4000	2003->2004	6	L6 SFI	0.8	ZFR5N	
GRAND JEEP CHEROKEE	4.7 I	4700	1999->	8		1.1	BKR5E-11	
GRAND JEEP CHEROKEE	4.7 I V8	4700	2000->2004	8	N FI SOHC	1.1	PZFR6F-11	ZFR6F-11
GRAND JEEP CHEROKEE	4.7 V8 LAREDO	4700	2006->	8	N FI	1.1	PZFR6F-11	ZFR6F-11
GRAND JEEP CHEROKEE	5.2 I	5200	2001->	8		1.1	ZFR5F-11	
GRAND JEEP CHEROKEE	5.7 V8 OVERLAND	5700	2006->	8	2FI	1.1	LZTR5AIX-13	
GRAND JEEP CHEROKEE	5.7 V8 OVERLAND	5700	2009->	8	2FI	1.1	LZFR5C-11	
GRAND JEEP CHEROKEE	5.9 I	5900	2001->	8		1.1	ZFR5F-11	
GRAND JEEP CHEROKEE	6.1 V8 SRT8	6100	2006->2009	8	3FI	1.3	LZTR5AIX-13	
GRAND VOYAGER	2.5 TD	2500	1995->	4	VM HR425 CLIEE		Y-741U	
GRAND VOYAGER	2.5 TD	2500	2001->2003	4	VM HR425		Y-741U	
GRAND VOYAGER	2.5 TD LE	2500	1995->	4	VM HR425 CLIEE		Y-741U	
GRAND VOYAGER	2.8 CRD	2800	2004->	4	ENR		Y-1031J	
GRAND VOYAGER	3.3 I	3300	2001->	6	EGA	0.8	BPR5EY	
JEEP	2.0 CRD COMPASS	2000	2006->	4			CZ304	
JEEP	2.4 CHEROKEE	2400	2003->	4		1.1	LZTR4A-11	
JEEP	2.4 LIBERTY	2400	2005->	4		1.1	LZTR4A-11	
JEEP	2.5 CHEROKEE	2500	1999->	4	VM HR425		Y-741U	
JEEP	2.5 CHEROKEE	2500	2001->	4			Y-745U	
JEEP	3.0 CRD COMMANDER	3000	2006->	6			Y-745U	
JEEP	3.1 I	3100	1998->	5	EXA		Y-741U	
JEEP	3.6 I WRANGLER	3600	2012->	6	ERB	0.8	ILKR7B-8	
JEEP	3.7 CHEROKEE	3700	2001->	6		1.1	PZFR6F-11	ZFR6F-11
JEEP	3.7 COMMANDER	3700	2006->	6	V6 KFI	1.1	PZFR6F-11	ZFR6F-11



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CHRYSLER								**CHRYSLER**
JEEP	4.0 CHEROKEE,WRANGLER	4000	1996->	6	L6	1.1	ZFR5F-11	
JEEP	4.7 V8 LTD COMMANDER	4700	2006->	8	NFI	1.1	PZFR6F-11	ZFR6F-11
JEEP	5.2 V8 CHEROKEE,GRAND CHEROKEE	5200	1996->	8		0.8	BCPR6ET	BCPR6ES
JEEP	5.7 V8 COMMANDER	5700	2006->	8	2FI	1.1	LZTR5AIX-13	
JEEP CHEROKEE	2.8 CRD	2800	2004->2008	4	ENR		Y-1031J	
JEEP CHEROKEE	2.8 TD	2800	2004->	4	KJ		Y-745U	
JEEP COMMANDER	3.0 CRD	3000	2006->2010	6	EXL		Y-8002AS	
JEEP COMPASS	2.0 LIMITED CRD	2000	2006->	4			CZ304	
JEEP WRANGLER	2.4 I	2400	2006->	4	L4 1FI	1.1	LZTR5AIX-13	
JEEP WRANGLER	2.5 I	2500	2001->	4	EPE	1	FR5-1	
JEEP WRANGLER	3.8 V6 RUBICON	3800	2007->	6	FI	1.3	LZTR5AIX-13	
JEEP WRANGLER	4.0 I	4000	2001->	6	ERH	1	FR5-1	
JEEP WRANGLER	4.0 RUBICON	4000	2006->	6	L6 SFI	0.8	ZFR5N	
JEEP WRANGLER	4.0 SPORT	4000	2006->	6	L6 SFI	0.8	ZFR5N	
MAYBACH	5.5 57,62	5500	2002->	12	M285.590	0.8	IFR6Q-G	
NEON	1.6 SE	1600	2001->	4		1.1	ZFR5F-11	
NEON	2.0 LE,SE 16V	2000	1996->1998	4	ECB	0.8	BKR6E	
NEON	2.0 LX , RT	2000	2000->	4	ECC/ECO	0.8	BKR6E	
PATRIOT	2.4 LIMITED	2400	2007->	4		1.1	ZFR5F-11	
PT CRUISER	2.0 LTD EDITION	2000	2000->	4		1.1	LZTR4A-11	
PT CRUISER	2.2 CRD	2200	2004->	4			Y-745U	
PT CRUISER	2.4 EFI	2400	2003->	4	EDV	1.1	LZTR4A-11	
SEBRING	2.0 FI	2000	2007->	4	VW		Y-607AS	
SEBRING	2.4 I	2400	2001->	4	4G64	1.1	BKR5E-11	
SEBRING	2.4 I	2400	2007->	4	EC4	1.1	LZTR4A-11	
SEBRING	2.7 I	2700	2001->2002	4	200 BHP	1.3	PTR5A-13	
SEBRING	2.7 LX V6	2700	2009->	6	DFI	1.3	PLZTR5A-13	LZTR5A-13
SEBRING	3.5 V6	3500	2009->	6	VFI	1.3	ZFR5LP-13G	
VALIANT	3.7 ALL MODELS	3700	1972->1978	6		0.8	BPR5ES	BP5ES
VOYAGER	2.4 16V	2400	2003->	4	EDZ	1.1	LZTR4A-11	
VOYAGER	2.5 CRD	2500	1995->2001	4	VM		Y-741U	
VOYAGER	3.3 I	3300	2001->	6	EGM	1.3	LZTR5AIX-13	
VOYAGER 1	2.5 SE	2500	1988->	6	EDM	0.8	BPR6ES	BP6ES
VOYAGER 1	3.0 I	3000	1988->	6	EFA	1.1	BPR5ES-11	
VOYAGER 2	2.0 I	2000	1997->2001	4	ECB	0.8	BKR6E	
VOYAGER 2	2.4 I	2400	1996->	4	EDZ	1.1	ZFR5A-11	
VOYAGER 2	2.5 I	2500	1992->	6	EDM	0.8	BPR6ES	BP6ES
VOYAGER 2	3.3 I	3300	1994->	6	EGA	0.8	BPR5EY	
VOYAGER 3	2.4 SE	2400	2000->	4	EDZ	1.1	BKR5ES-11	
VOYAGER 3	3.3 SE	3300	1997->	6	EGA	0.8	BPR5EY	
VOYAGER 3	3.3 SE	3300	2001->	6	EGA	1.3	LZTR5AIX-13	
VOYAGER 4	2.5 CRD	2500	2000->2007	4	ENC		Y-1031J	
VOYAGER 4	2.5 CRD	2500	2005->2007	4	EDK/ ENJ		Y-1031J	
VOYAGER 4	2.8 CRD	2800	2004->2008	4	ENR		Y-1031J	
CITROEN								**CITROEN**
BERLINGO	1.4 HDI	1400	2005->	4	DV4TD		YE04	
BERLINGO	1.4 I	1400	2002->	4	TU3JP	0.8	BKR6EZ	
BERLINGO	1.4 MULTISPACE	1400	2004->	4	TU3JP	0.8	BKR6EK	
BERLINGO	1.6 95 VTI	1600	2010->	4	EP6CDTR	0.8	PLZKBR7B8DG	
BERLINGO	1.6 HDI	1600	2009->	4	DV6AUTED4		YE05	
BERLINGO	1.6 I 16V	1600	2001->	4	TU5JP4	0.9	LFR6B	
BERLINGO	1.9 D	1900	1998->2003	4	XUD9A		Y-924J	
BERLINGO	1.9 MULTISPACE	1900	1998->2002	4	DW8 WJZ		Y-503J	
BX17	1.8 TD, TRD	1800	1988->1993	4	XUD 7 TE		Y-924J	
BX19	1.9 D RD, TD, TRD	1900	1983->1987	4	XUD 9		Y-924J	
C1	1.0 FURIO,IPLAY	1000	2006->2011	3	384F	1.1	LFR6C-11	
C1	1.2 VTI	1200	2012->	3	EB2	1	LZKR6AI-10G	
C15	1.8 D	1800	1984->1995	4	XUD7		Y-924J	
C2	1.4 HDI	1400	2005->	4	DV4TD		YE05	
C2	1.4 VTR	1400	2004->	4	TU3JP-KFV	0.8	BKR6EZ	
C2	1.6 VTS 16V	1600	2005->	4	TU5JP4 NFU	0.9	LFR6B	
C25	1.9 D	1900	1987->1994	4	D9B		Y-924J	
C25	2.5 TD	2500	1987->1994	4	CRD93LS		Y-208T	
C3	1.0 VTI 68	1000	2012->	3	EB0	1	LZKR6AI-10G	
C3	1.2 VTI 82	1200	2012->	3	EB2	1	LZKR6AI-10G	
C3	1.4 95 VTI	1400	2008->	4	EP3	0.8	PLZKBR7B8DG	
C3	1.4 HDI , X-TR 16V	1400	2003->	4	DV4ETD4		YE04	
C3	1.4 VTI	1400	2002->	4	TU3JP-KFX,KFV	0.8	BKR6EZ	
C3	1.4 VTI	1400	2003->	4	ET3J4-KFU	0.8	LZKAR7A	
C3	1.6 120 VTI	1600	2009->	4	EP6C	0.8	PLZKBR7B8DG	
C3	1.6 16V	1600	2002->	4	TU5JP4 NFU	0.9	LFR6B	



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CITROEN								**CITROEN**
C3	1.6 D	1600	2005->	4	DV6TED4		YE05	
C3	1.6 HDI	1600	2006->	4	DV4TED6		YE05	
C3	1.6 HDI	1600	2009->	4	DV6CTED4		Y-8001AS	
C3	1.6 VTI	1600	2002->	4	TU5JP	0.9	LFR6B	
C3	1.6 VTI COMFORT	1600	2008->	4	EP6	0.8	PLZKBR7B8DG	
C4	1.6 16V	1600	2005->	4	TU5JP4 NFU	0.9	LFR6B	
C4	1.6 HDI	1600	2004->2006	4	DV6TED4		YE04	
C4	1.6 HDI	1600	2007->	4	DV6TED		YE05	
C4	1.6 THP	1600	2010->	4	EP6CDT	0.8	PLZKBR7B8DG	
C4	1.6 VTI	1600	2010->	4	EP6C	0.8	PLZKBR7B8DG	
C4	2.0 16V	2000	2005->	4	EW10A	0.8	LFR5B	
C4	2.0 HDI	2000	2008->	4	DW10BTED4		Y-1005J	
C4	2.0 TD	2000	2004->	4	DW10BTED4		Y-504J	
C4	2.0 VTS	2000	2004->	4	EW10A	0.8	LFR6B	
C4 AIRCROSS	1.6 AIRCROSS	1600	2012->	4	4A92	1.1	DILFR5A-11D	
C4 AIRCROSS	1.6 HDI AIRCROSS	1600	2012->	4	DV6C		Y-8001AS	
C4 AIRCROSS	2.0 AIRCROSS	2000	2012->	4	AFY	0.8	BKR6EIX	
C4 AIRCROSS	2.0 I	2000	2012->	4	4A92	1.1	DILFR5A-11D	
C4 AIRCROSS	2.0 I	2000	2012->	4	4A92	1.1	DILFR5A-11D	
C4 CACTUS	1.2 I	1200	2015->	4	EB2	1	LZKR6AI-10G	
C5	1.6 HDI	1600	2012->	4	DV6C		Y-8001AS	
C5	1.6 THP	1600	2009->	4	EP6CDT	0.8	PLZKBR7B8DG	
C5	2.0 16V	2000	2001->	4	EW10J4 RFN	0.9	LFR5B	
C5	2.0 HDI	2000	2001->	4	DW10ATED		Y-504J	
C5	2.0 HDI	2000	2002->	4	DW10ATD		Y-504J	
C5	2.0 HDI	2000	2004->	4	DW10BTED4		Y-1005J	
C5	2.2 HDI 16V	2200	2001->	4	DW12TED4		Y-504J	
C5	3.0 V6	3000	2001->	6	ES9J4 XFX	1.1	PLFR5A-11	
C6	3.0 V6 24V	3000	2005->	6	XVF	1.1	ILZFR6D-11	
C8	2.0 HDI 16V	2000	2002->	4	DW10TED4/RHT		Y-504J	
C8	2.0 LX	2000	2002->	4	EW10J4-RFN	0.9	LFR5B	
C8	2.2 HDI 16V	2200	2002->	4	DW12TED4/4HW		Y-504J	
C8	2.2 LI	2200	2002->	4	EW12J4-352	0.9	LFR5B	
DISPATCH	2.0 TD	2000	2000->	4	DW10		Y-504J	
DS 20	2.0 GL	2000	1972->1975	4		0.8	BP7HS	
DS 21	2.2 GL	2200	1972->1975	4			B6HS	BR6HS
DS 23	2.3 GL	2300	1972->1975	4		0.8	BP7HS	
DS3	1.2 VTI 82	1200	2011->	3	EB2	1	LZKR6AI-10G	
DS3	1.4 I	1400	2010->	4	EP3C	0.8	PLZKBR7B8DG	
DS3	1.6 HDI 90	1600	2009->	4	DV6C		Y-8001AS	
DS3	1.6 THP	1600	2010->	4	EP6DT/EP6CDT	0.8	PLZKBR7B8DG	
DS3	1.6 VTI	1600	2010->	4	EP6C	0.8	PLZKBR7B8DG	
DS4	1.6 120 VTI	1600	2011->	4	EP6C	0.8	PLZKBR7B8DG	
DS4	1.6 155 THP	1600	2011->	4	EP6DT / EP6CDT	0.8	PLZKBR7B8DG	
DS4	1.6 200 THP	1600	2011->	4	EP6CDTX	0.8	ILZKBR7B8DG	
DS4	1.6 E-HDI	1600	2011->	4	DV6C		Y-8001AS	
DS4	1.6 HDI 110	1600	2011->	4	DV6C		Y-8001AS	
DS4	2.0 HDI 160	2000	2011->	4	DW10CTED4		Y-8001AS	
DS5	1.6 155 THP	1600	2011->	4	EP6CDT	0.8	PLZKBR7B8DG	
DS5	1.6 200 THP	1600	2011->	4	EP6CDTX	0.8	PLZKBR7B8DG	
DS5	2.0 HDI	2000	2011->	4	DW10CTED4		Y-8001AS	
PICASSO	1.6 16V	1600	2001->	4	TU5JP4 NFU	0.9	LFR6B	
PICASSO	1.6 8V	1600	2000->	4	TU5JP NFZ;NFV	0.8	BKR6EZ	
PICASSO	1.6 120 VTI	1600	2009->	4	EP6	0.8	PLZKBR7B8DG	
PICASSO	1.6 E-HDI 115	1600	2013->	4	DV6C		Y-8001AS	
PICASSO	1.6 THP 155	1600	2013->	4	EP6CDT	0.8	PLZKBR7B8DG	
PICASSO	1.8 16V	1800	2001->	4	EW7J4 6FZ	0.9	LFR5B	
PICASSO	2.0 16V	2000	2003->	4	EW10J4 RFM	0.9	LFR5B	
PICASSO	2.0 BLUEHDI 150	2000	2013->	4	DW10FD		Y-8001AS	
PICASSO	2.0 HDI	2000	2003->	4	DW10TD		Y-504J	
XSARA	1.6 8V	1600	1997->2000	4	TU5JP NFZ	0.8	BKR6EZ	
XSARA	1.8 16V	1800	2000->	4	EW7 J4 6FZ	0.9	LFR5B	
XSARA	2.0 16V	2000	2000->	4	XU10J4RS	0.8	BKR6EK	
XSARA	2.0 HDI	2000	2002->	4	DW10D RHZ/RHY		Y-504J	
XSARA	2.0 VTS 16V	2000	2001->	4	EW10J4 RFM	0.9	LFR5B	
DACIA								**DACIA**
CRISTAL FWD	1.6 S/WAGON	1600	1995->	4		0.6	BP6HS	BPR6HS
ELAN RWD	1.6 1TON PICKUP	1600	1995->	4		0.6	BP6HS	BPR6HS
MAGIC RWD	1.6 DOUBLE CAB	1600	1995->	4		0.6	BP6HS	BPR6HS
CIELO	1.5 16V GLX	1500	1996->1998	4	A15MF DOHC	1.1	BKR6E-11	



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DAEWOO								**DAEWOO**
CIELO	1.5 GTX	1500	1997->1998	4	DOHC	1.1	BKR6E-11	
CIELO	1.5 IL	1500	1996->1998	4	SOHC	1.1	BPR6ES-11	
CIELO	1.5 LX	1500	1996->1998	4	G15MF SOHC	0.8	BPR6ES	BP6ES
ESPERO	1.8 CD 8V	1800	1996->1998	4	C18LE SOHC	0.8	BPR6ES	BP6ES
ESPERO	2.0 CD 8V	2000	1996->1998	4	C20LE SOHC	0.8	BPR6ES	BP6ES
LANOS	1.3 I	1300	1998->2001	4	SOHC	0.8	BPR6ES	BP6ES
LANOS	1.4 I	1400	2000->2003	4	A14SMS,SOHC	0.8	BPR6ES	BP6ES
LANOS	1.6 I 16V	1600	1997->2000	4	E-TEC, A16DMS	0.8	BKR6E	
MATIZ	0.8 S,SE	800	1999->2003	3	F8CV	1.1	BPR5EY-11	
MATIZ	1.0 SI	1000	2003->	4	B10S	1.1	BPR5EY-11	
NUBIRA	1.6 SX 16V	1600	1997->2000	4	A16DMS E-TEC	1.1	BKR6E-11	
NUBIRA	1.8 CDX	1800	2003->2005	4	T18SED	0.8	BKR5EK	
NUBIRA	2.0 CDX 16V	2000	1997->2003	4	X20SED E-TEC	0.8	BKR5EK	
TACUMA	1.6 SX 16V	1600	2001->2003	4	E-TEC	0.8	BKR6E	
TACUMA	2.0 CDX 16V	2000	2001->2003	4	DOHC	0.8	BKR6E	
DAIHATSU								**DAIHATSU**
CHARADE	1.0 C	1000	2003->	3	EJ-VE	0.8	BKR5EK	
CHARADE	1.0 CX,CXL	1000	1983->1985	3	GB22	0.8	BPR5ES	BP5ES
CHARADE	1.0 CX,CXL	1000	2003->	3		0.8	BPR6EY	
CHARADE	1.0 TURBO	1000	1984->1985	3	GB60	0.8	BPR6ES	BP6ES
COPEN	1.3 L	1300	2006->	4	K3-	1.1	IFR6T-11	BKR6EYA-11
CUORE	0.8 I	800	1997->1999	3	ED10	0.8	BPR6ES	BP6ES
CUORE	1.0 I	1000	1998->2003	3	EJ-DE	1.1	BKR5E-11	
FEROZA	1.6 I	1600	1998->1999	4	HD-E	1.1	BKR6E-11	
GRAN MAX	1.5 I	1500	2013->	4	3SZ	0.9	DCPR7EA-9	
GRAN MOVE	1.5 FI	1500	1998->2001	4	HE-EG	1.1	BKR6E-11	
GRAN MOVE	1.5 I	1500	1997->	4	HE-EG	1.1	BKR6E-11	
GRAN MOVE	1.6 I	1600	1999->	4	HD-EP	1.1	BKR6E-11	
MATERIA	1.3 FI	1300	2007->	4	K3-VE	0.8	IKR7D	DCPR7E
MATERIA	1.5 FI	1500	2006->2007	4	3SZ-VE	0.8	IKR7D	DCPR7E
MOVE	0.66 I	660	2007->	3	KF-VE	0.7	LKR7E	
MOVE	0.8 I	800	1997->2000	3	ED20	1.1	BPR5EY-11	
ROCKY	2.0 I	2000	1997->	4	F8OV	0.8	BP5EY	BPR5EY
ROCKY	2.8	2800	1987->1993	4	DL51		Y-146R	
SIRION	1.0 I	1000	1999->2001	4	EJ-DE	0.8	BKUR6EK	
SIRION	1.0 I	1000	2005->	3	1KR-FE	1.1	LFR6C-11	
SIRION	1.3 I	1300	2000->2004	4	K3-VE 2	1	BKUR6ETB	
SIRION	1.3 I	1300	2005->	4	K3-VE	1.1	BKR6EY-11	
SIRION	1.3 I	1300	2008->	4	K3-VE	0.9	DCPR7EA-9	
SIRION	1.5 I	1500	2007->	4	3S-ZVE	0.9	DCPR7EA-9	
TERIOS	1.3 I	1300	1997->2000	4	HC-EJ	0.8	BKUR6EK	
TERIOS	1.3 I	1300	2000->2005	4	K3-VE	1	BKUR6ETB	
TERIOS	1.3 I	1300	2008->	4	K3-VE	1.1	BKR6EY-11	
TERIOS	1.5 I	1500	2006->2007	4	3SZ-VE	0.8	IKR7D	DCPR7E
YRV	1.1 I	1100	2001->	3	EJ-VE	1.1	BKR5E-11	
YRV	1.3 FI	1300	2001->	4	K3-VE	1.1	IFR6T-11	BKR6EYA-11
YRV	1.3 TURBO	1300	2002->	4	K3-VET	1.1	PFR6G-11	BKR6E-11
DAIMLER								**DAIMLER**
3.6	3.6 LX	3600	1987->1991	6	AJ6	0.8	BCPR6ES	BCP6ES
4	4.0 SX	4000	1990->1998	6	AJ6	0.8	BCPR6ES	BCP6ES
DOUBLE SIX	5.3 L	5300	1982->1985	12	HE	0.6	BR6EF	BR6EF
DATSUN								**DATSUN**
GO	1.2 I	1200	2014->	3	HR12DE	1.1	LZKAR6C-11	
DODGE								**DODGE**
CALIBER	1.8 FI	1800	2006->	4	CFI	1.1	ZFR5F-11	
CALIBER	2.0 SX	2000	2006->	4	BFI	1.1	ZFR5F-11	
CALIBER	2.4 RT	2400	2006->	4	KFI	1.1	ZFR5F-11	
CHARGER	2.7 SE V6	2700	2009->	6	DFI	1.3	LZTR5AIX-13	
CHARGER	3.5 SE V6	3500	2009->	6	VFI	1.3	ZFR5LP-13G	
CHARGER	5.7 RT V8	5700	2009->	8	TFI	1.1	LZFR5C-11	
CHARGER	6.1 SRT8 V8	6100	2006->	8	WFI	1.3	LZTR5AIX-13	
JOURNEY	2.4 I	2400	2011->	4	3D4G	1.1	ZFR5F-11	
JOURNEY	3.6 V6	3600	2012->	6	ERB	0.8	ILKR7B-8	
MAGNUM	6.1 SRT8 FI	6100	2006->	8	WFI	1.3	LZTR5AIX-13	



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DODGE								**DODGE**
NITRO	3.7 V6	3700	2008->	6	KFI	1.1	ZFR6F-11G	
NITRO	4.0 V6	4000	2008->	6	RT FI	1.3	ZFR5LP-13G	
STEALTH	3.0 V6	3000	2003->	6	6G72	1.1	BPR5ES-11	
VIPER	8.4 SRT 10	8400	2009->	10	V10	1.3	LZTR5AIX-13	LZTR7AIX-13
FAW								**FAW**
V2	1.4 I	1400	2012->	4		1.1	BKR5EP-11	BKR5E-11
FERRARI								**FERRARI**
360	3.6 SPIDER	3600	2003->	8	F131B	0.7	PMR8B	
599	6.0 GTB	6000	2007->	12	F140C	0.7	PMR8B	
612	5.7 SCAGLIETTI	5700	2004->	12	F133F	0.7	DCPR9EIX	DCPR9E
CHALLENGE STRADALE	3.6 I	3600	2004->	8	F131B	0.7	PMR8B	
F308	3.0 GTB,GTS	3000	1981->1985	8	F106B	0.8	BPR8EIX	BPR8ES
F355	3.5 I	3500	1998->	8	BERLINETTA	0.7	PMR7A	
F430	4.3 COUPE,CHALLENGE,SPIDER	4300	2007->	8	F136E	0.7	PMR8B	
F430	4.3 SCUDERIA	4300	2008->	8	F136ED	0.7	PMR8B	
F50	4.7 I	4700	1995->	12	F130B	0.7	PMR7A	
MONDIAL	3.4 TURBO	3400	1988->1994	8	F119DL	0.8	DR8EIX	DR8EA
TESTAROSSA	4.9 L	4900	1984->1991	12	F113B000	0.8	D8EVX	D8EA
FIAT								**FIAT**
128	1.3 L	1300	1974->1984	4	128A.1000	0.8	BPR6ES	BP6ES
131	1.3 CARB	1300	1980->1984	4	131A	0.8	BPR6ES	BP6ES
131	2.0 LX	2000	1981->1984	4	131C4	0.8	BPR6ES	BP6ES
500	1.2 I	1200	2007->	4	169A.4000	1	ZKR7A-10	
500	1.4 I	1400	2007->	4	169A.3000	1	DCPR7E-N-10	
500	1.4 I	1400	2008->	4	198A.1000	0.8	IKR9J8	
500L	1.4 I	1400	2012->	4	843A.1000	0.8	DCPR7E-N	
500L	1.6 MULTIJET	1600	2012->	4	199B.4000		Y-9001AS	
BRAVO	1.2 I	1200	1999->2001	4	182B.2000	0.8	DCPR8E	
BRAVO	1.4 12V	1400	1998->2001	4	182A.3000	0.7	BKR6EK	
BRAVO	1.4 16V TURBO	1400	2007->	4	198A.1000	0.8	IKR9J8	
BRAVO	1.6 FI	1600	1999->2001	4	182A.4000	0.8	BKR5EZ	
BRAVO	1.8 I	1800	1995->2001	4	182A.2000	0.7	BKR6EK	
BRAVO	1.9 D	1900	2007->	4	192A.8000		Y-1030J	
BRAVO	1.9 D	1900	2007->2008	4	192B.5000		Y-1030J	
BRAVO	2.0 FI	2000	1999->2001	4	182A.1000	0.7	BKR6EK	
CROMA	2.2 I	2200	2005->	4	194A.1000	1	LTR6B-10T	
DOBLO	1.2 8V	1200	2005->	4	223A.5000	1	DCPR7E-N-10	
DOBLO	1.2 P/VAN	1200	2000->2004	4	223A.5000	0.8	BKR5EZ	
DOBLO	1.2 P/VAN	1200	2004->2005	4	223A.5000	1	DCPR7E-N-10	
DOBLO	1.3 MULTI JET	1300	2010->	4	199A3000/263A2000		Y-8003J	
DOBLO	1.4 CARGO	1400	2010->	4	843A1.000	1	DCPR7E-N-10	
DOBLO	1.4 P/VAN	1400	2005->	4	350A.1000	1	ZKR7A-10	
DOBLO	1.6 MULTIJET	1600	2010->	4	198A.3000		Y-9003AS	
DOBLO	1.6 P/VAN	1600	2000->2005	4	182B.6000	0.8	BKR5EZ	
DOBLO	1.9 D	1900	2000->2004	4	223A.6000		Y-939J	
DOBLO	1.9 D	1900	2001->2003	4	182B.9000		Y-534J	
DOBLO	1.9 MJT 105CV	1900	2003->2005	4	223A.7000		Y-534J	
DOBLO	1.9 TD	1900	2003->	4	223A.6000		Y-939J	
DOBLO	1.9 TD	1900	2004->	4	182B.9000		Y-534J	
DUCATO	2.3 MULTIJET	2300	2002->	4	F1AE0481C		Y-8005J	
FIORINO	1.3 TDI	1300	2007->	4	199A2000		Y-8003J	
FIORINO	1.4 I	1400	1993->	4	160.A1.046	0.8	BPR5ES	BP5ES
GRANDE PUNTO	1.2 I	1200	2006->	4	199A.4000	1	ZKR7A-10	
GRANDE PUNTO	1.3 TD	1300	2006->	4	188A.9000		Y-8003J	
GRANDE PUNTO	1.4 16V	1400	2006->	4	199A.6000	1	ZKR7A-10	
GRANDE PUNTO	1.4 16V	1400	2007->	4	198A.4000	0.8	IKR9J8	
GRANDE PUNTO	1.4 EL	1400	2005->	4	350A.1000	1	ZKR7A-10	
GRANDE PUNTO	1.9 D	1900	2006->	4	188A7000		Y-534J	
IDEA	1.2 16V	1200	2005->	4	188A.5000	1	DCPR7E-N-10	
IDEA	1.4 16V	1400	2003->2005	4	843A.1000	1	DCPR7E-N-10	
IDEA	1.4 16V	1400	2005->	4	843A.1000	1	DCPR7E-N-10	
LINEA	1.4 I	1400	2007->	4	350A1000	1	ZKR7A-10	
MULTIPLA	1.6 16V	1600	2002->	4	186A.4000	0.8	BKR6E	
MULTIPLA	1.9 JTD	1900	2003->	4	186A.8000		Y-534J	



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FIAT								**FIAT**
PALIO	1.2 16V	1200	2002->	4	188A.5000	1	DCPR7E-N-10	
PALIO	1.2 8V WEEKEND	1200	1997->2000	4	178B.5000	0.8	BKR6E	
PALIO	1.4 L	1400	1997->	4	178B.2000	0.8	BKR5EZ	
PALIO	1.6 16V	1600	1997->1999	4	178B.3000	0.8	BKR6E	
PALIO 2	1.2 8V	1200	2005->	4	176A.8000	0.8	BKR6E	
PALIO 2	1.7 TD 8V	1700	2005->	4	176A.3000		Y-924J	
PANDA	1.1 I	1100	2005->	4	187A.1000	1	DCPR7E-N-10	
PANDA	1.2 EL	1200	2006->	4	199A.4000	1	ZKR7A-10	
PANDA	1.2 I	1200	2012->	4	169A.4000	1	ZKR7A-10	
PANDA	1.2 L	1200	2004->	4	188A.4000	0.8	BKR5EZ	
PANDA	1.3 D	1300	1986->1989	4	156A .5000		Y-924J	
PANDA	1.4 100 HP	1400	2007->	4	169A.3000	1	DCPR7E-N-10	
PUNTO	0.9 I	900	2012->	2	312A.2000	0.8	ILKR9G-8	
PUNTO	1.2 16V	1200	2004->	4	188A.5000	1	DCPR7E-N-10	
PUNTO	1.2 EVO	1200	2010->2012	4	199A.4000	1	ZKR7A-10	
PUNTO	1.2 I	1200	2012->	4	169A.4000	1	ZKR7A-10	
PUNTO	1.3 JTD	1300	2004->	4	188A.9000		Y-8003J	
PUNTO	1.4 16V EVO MULTI AIR	1400	2010->2012	4	843A.1000	1	DCPR7E-N-10	
PUNTO	1.4 EVO	1400	2010->2012	4	350A.1000	1	ZKR7A-10	
PUNTO	1.4 I	1200	2012->	4	350A.1000	1	ZKR7A-10	
PUNTO	1.4 I	1400	2012->	4	199A.7000	1	ZKR7A-10	
PUNTO	1.4 I MULTI AIR	1400	2012->	4	955A.6000	1	DCPR7E-N-10	
PUNTO	1.4 L	1400	1993->1999	4	176A.4000	0.8	BCPR6ET	BCPR6ES
PUNTO	1.4 L 16V	1400	2003->	4	843A.1000	1	DCPR7E-N-10	
PUNTO	1.4 TURBO MULTI AIR	1400	2012->	4	955A.2000	0.8	IKR9J8	
PUNTO	1.6 EVO	1600	2009->2012	4	955A.3000		Y-9003AS	
PUNTO	1.8 HGT	1800	2002->	4	188A.1000	0.8	BKR6EK	
QUBO	1.3 D MJET EURO 4	1300	2008->	4	199A.2000		Y-9001AS	
QUBO	1.3 MULTIJET EURO 5	1300	2008->	4	199A.2000		Y-8003J	
QUBO	1.4 I	1400	2009->	4	350A.1000	1	ZKR7A-10	
SCUDO	2.0 L	2000	2000->	4	RHX JTD		Y-504J	
SEICENTO	1.1 I	1100	2001->	4	176B.2000	0.8	BKR6EY	
SEICENTO	1.1 I	1100	2004->	4	187A.1000	1	DCPR7E-N-10	
SIENA	1.2 EL	1200	1999->	4	178B.5000	0.8	BKR6E	
SIENA	1.6 EL	1600	1999->	4	178B.3000	0.8	BKR6E	
SIENA 2	1.2 EL	1200	2005->	4	176A.8000	0.8	BKR6E	
SIENA 2	1.7 TD	1700	2005->	4	176A.3000		Y-924J	
SPIDER	2.0 I	2000	1996->	4		0.8	BPR7ES	
STILO	1.4 16V	1400	2004->2005	4	843A.1000	0.8	DCPR7E-N	
STILO	1.6 ACTIVE,ACTUAL	1600	2004->	4	182B.6000	0.8	BKR5EZ	
STILO	1.9 JTD 115 CV	1900	2001->2005	4	192A.1000		Y-534J	
STILO	1.9 JTD 80 CV	1900	2001->2004	4	192A.3000		Y-534J	
STILO	2.4 20V	2400	2004->	5	192A.2000	0.8	BKR6EZ	
STRADA	1.2 I	1200	1999->2003	4	188A.4000	0.8	BKR5EZ	
STRADA	1.2 I	1200	2004->	4	178B.7045	1	DCPR7E-N-10	
STRADA	1.4 16V	1400	2007->	4	843.A.1000	0.8	DCPR7E-N	
STRADA	1.6 I	1600	1999->2004	4	178D.2011	0.8	BKR5EZ	
STRADA	1.7 TD	1700	2005->	4	176A.3000		Y-924J	
ULYSSE	1.9 D	1900	2000->	4	XUD9TF,L		Y-924J	
ULYSSE	2.0 SX	2000	1999->	4	RFU(XU10J2C,L3)	0.8	BKR6E	
UNO	1.0 CENTO	1000	1996->1998	4	160A3	0.8	BKR5ES	
UNO	1.1 ESPRESSO	1100	1992->	4	160A3	0.8	BKR5ES	
UNO	1.1 FIRE	1100	1991->	4	160A3	0.8	BKR5ES	
UNO	1.1 MIA	1100	1998->	4	160A3	0.8	BKR5ES	
UNO	1.1 RIO	1100	1995->	4	160A3	0.8	BKR5ES	
UNO	1.1TEMPO	1100	1998->	4	160A1	0.8	BKR5ES	
UNO	1.2 FIRE	1200	2007->	4	158.376.6	0.8	BKR6E	
UNO	1.4 BEAT	1400	1994->	4	146C1	0.8	BPR6ES	BP6ES
UNO	1.4 MIA	1400	1998->2000	4		0.8	BPR6ES	BP6ES
UNO	1.4 PACER CARB	1400	1990->2000	4	160A1	0.8	BPR6ES	BP6ES
UNO	1.4 TEMPO	1400	1998->2000	4		0.8	BPR6ES	BP6ES
UNO	1.4 TURBO	1400	1990->1998	4	146A8.046	0.8	BCPR6ET	BCPR6ES
X1/9	1.3 S	1300	1973->1979	4	128AS.000	0.8	BPR6ES	BP6ES
X1/9	1.5 S	1500	1978->1989	4		0.8	BPR6ES	BP6ES
FORD								**FORD**
3000	3.0 1TONNER	3000	1997->1986	6	ESSEX	0.8	BPR6ES	BP6ES
B-MAX	1.0 ECOSPORT	1000	2015->	3	M1JE	0.7	SILZNAR8C-7H	
B-MAX	1.0 ECOSPORT	1000	2015->	3	SFJA/SFJB	0.7	SILZNAR8C-7H	
BANTAM	1.3 I	1300	2003->	4	ROCAM	1	TR5B-13	
BANTAM	1.3 PICK-UP	1300	1983->1986	4	KENT	0.8	BPR6ES	BP6ES



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Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval
FORD								**FORD**
BANTAM	1.4 L	1400	1986->1994	4	CVH	0.8	BCP6ES	BCPR6ES
BANTAM	1.6 I	1600	1994->	4	B6	0.8	BPR6ES	BP6ES
BANTAM	1.6 I	1600	2003->	4	ROCAM	1	TR6B-10	
BANTAM	1.6 L	1600	1984->1994	4	CVH	0.8	BCP6ES	BCPR6ES
BANTAM	1.8 D	1800	2002->	4	YD18TCI		Y-524J	
BANTAM	1.8 D	1800	2002->	4			Y-937J	
CORTINA	1.3 L	1300	1963->	4	KENT	0.8	BPR6ES	BP6ES
CORTINA	1.6 1TONNER	1600	1977->1986	4	KENT	0.8	BPR6ES	BP6ES
CORTINA	1.6 GL,L	1600	1977->1983	4	KENT	0.8	BPR6ES	BP6ES
CORTINA	2.0 GHIA,GL,GLE	2000	1983->	4	KOLN	0.8	AP6FS	APR6FS
CORTINA	3.0 1TONNER	3000	1977->1986	6	ESSEX	0.8	BPR7ES	
CORTINA	3.0 XR-6,GHIA,GL,S,GLS	3000	1977->1983	6	ESSEX	0.8	BPR6ES	BP6ES
COURIER	1.6 L	1600	1986->1991	4	F6	0.8	BPR5ES	BP5ES
COURIER	1.8 D	1800	1993->	4	D8		Y-910J	
COURIER	1.8 H	1800	1991->2000	4	F8	0.8	BPR6ES	BP6ES
COURIER	2.0 LWB	2000	1986->1991	4	FE	0.8	BPR5ES	BP5ES
COURIER	2.2 D	2200	1986->1997	4	R2		Y-107-R	
COURIER	2.2 LE	2200	1991->2000	4	F2	0.8	BKR6E	
COURIER	2.5 TD	2500	1997->2000	4	WL		Y-701J	
COURIER	3.0 TDCI	3000	2008->	4	WEAT		Y-526J1	
COURIER	3.0 V6	3000	1986->1996	6	ESSEX	0.8	BPR7ES	
COURIER	3.4 V6	3400	1997->2000	6	ESSEX	1.1	BPR7ES-11	
ECONOVAN	2.0 G	2000	1985->	4	RF		Y-107-R	
ECOSPORT	1.0 T	1000	2014->	3	M1JC	0.7	SILZNAR8C-7H	
ECOSPORT	1.5 T	1500	2014->	4	14MY DURATEC	0.8	ILTR6H-8G	
ESCORT	1.3 GL,XR-3,SPORT	1300	1981->1986	4	CVH	0.8	BCP6ES	BCPR6ES
ESCORT	1.3 L	1300	1971->1981	4	KENT	0.8	BPR6ES	BP6ES
ESCORT	1.4 16V	1400	1995->2000	4	CVH/PTE	0.8	BCPR6ES	BCP6ES
ESCORT	1.6 GL GLE16V	1600	1995->2000	4	ZETEC	1.3	TR5B-13	
ESCORT	1.6 XR-3,GLE,L	1600	1983->1986	4	CVH	0.8	BCP6ES	BCPR6ES
ESCORT	1.8 D	1800	1990->2001	4	RFK		Y-910J	
ESCORT	1.8 GLI 16V	1800	1995->1998	4	ZETEC	1.3	TR5B-13	
ESCORT	1.8 TD	1800	1990->2001	4	RVA ENDURA-DE (TC)		Y-937J	
ESCORT	1.8 TD	1800	1997->1998	4	RTH,RTE,RTF		Y-910J	
ESCORT	2.0 RS	2000	1978->1980	4	KOLN	0.8	AP6FS	APR6FS
EVEREST	3.0 TDCI	3000	2012->	4	WEAT		Y-526J1	
EXPLORER	4.0 V6	4000	2003->	6	EFI SOHC	1.3	ITR6F-13	BPR6EF-13
EXPLORER	4.0 XLT V6	4000	2009->	6	EFI	1.5	TR55IX	BPR5EFS-13
EXPLORER SPORT	4.0 XLT V6	4000	2006->	6	KFI	0.8	TR7IX	
F100	3.9 L	3900	1966->1981	6		0.8	AP6FS	APR6FS
F150	4.6 XL V8	4600	2006->2009	8	WFI	1.3	ITR6F-13	BPR6EF-13
F150	4.6 XL V8	4600	2009->	8	8FI	1.1	ZNAR6AIX-11	
F150	5.4 XI SUPERCHARGED	5300	2001->	8	3FI	1.1	IFR6T-11	BKR6EYA-11
F150	5.4 XL	5400	2009->	8	V8V	1.1	ZNAR6AIX-11	
F250	4.2 SE V6	4200	2005->	6		1	TR5-1	
F250	4.6 SE V6	4600	2005->	6		1.3	ITR6F-13	BPR6EF-13
F250	4.9 V8 LCV	4900	1966->1981	8		0.8	AP6FS	APR6FS
F250	5.4 XI V8	5400	2000->	8		1.5	TR55IX	BPR5EFS-13
F250	5.4 XL V8	5400	2009->	8	5 FI	1.1	ZNAR6AIX-11	
F250	6.8 XL	6800	2009->	10	V10 YFI	1.1	ZNAR6AIX-11	
F350	4.2 V6	4200	2005->	6		1	TR5-1	
F350	4.9 V8 LCV	4900	1974->1981	8		0.8	AP6FS	APR6FS
F350	7.3 DI	7300	2007->2010	8	V8		Y-1037J	
FAIRMONT	4.0 L VR6	4000	2003->	8		1.1	PGR5C-11	
FALCON	4.0 FUTURA,FAIRMONT	4000	1995->	6	INLINE	1.1	BPR5EY-11	
FALCON	4.0 XR6	4000	1995->	6	INLINE	1.1	ZGR6B-11	
FALCON	5.0 XR8	5000	1991->	8	EB,ED,EF	1.5	BPR5FS-15	
FIESTA	1.0 T	1000	2013->	3	M1JC	0.7	SILZNAR8C-7H	
FIESTA	1.0 T	1000	2013->	3	SFJA/SFJB	0.7	SILZNAR8C-7H	
FIESTA	1.3 FUN,FLAIR	1300	1997->1998	4	HCS ENDURA	0.8	BPR6EFS	
FIESTA	1.3 L	1300	2002->	4	ROCAM	1	TR6B-10	
FIESTA	1.3 L	1300	2004->	4	DURATEC	1.3	TR5B-13	
FIESTA	1.4 16V	1400	2001->	4	FXJB DURATEC	1.3	PTR5A-13	
FIESTA	1.4 FUN,FLAIR,FLITE	1400	1998->	4	CVH	0.8	BCPR6ES	BCP6ES
FIESTA	1.4 I	1400	2008->	4	SPJA/SPJC	0.8	TR5B-13	
FIESTA	1.4 TD	1400	2006->	4	F6JA,F6JB D4TD		YE05	
FIESTA	1.4 TDCI	1400	2005->	4	F6JA DURATORQ		YE05	
FIESTA	1.4 TDCI	1400	2005->	4	F6JB		YE05	
FIESTA	1.4 TDCI	1400	2010->	4	F6JD/KVJA		YE05	
FIESTA	1.5 ST	2000	2004->	4	DURATEC HE	1.3	ITR6F-13	BPR6EF-13
FIESTA	1.6 16V WS	1600	2001->2009	4	FYJA DURATEC	1.3	PTR5A-13	
FIESTA	1.6 I	1600	2010->	4	U5JA	1.3	TR5B-13	



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FORD								**FORD**
FIESTA	1.6 SPORT,RSI	1600	1999->	4	ROCAM	1.3	TR6B-10	
FIESTA	1.6 TDCI	1600	2005->	4	DURATORQ		YE05	
FIESTA	1.6 TDCI	1600	2010->	4	TZJA/ TZJB		Y-8001AS	
FIESTA	1.6 TI-VCT	1600	2011->	4	PNDA	1.3	TR5B-13	
FIGO	1.4 I	1400	2011->	4	DURATEC	1.3	TR5B-13	
FIGO	1.4 TDCI	1400	2012->	4	F6JA, F6JB		YE05	
FIGO	1.6 I	1600	2011->	4	DURATEC	1.3	TR5B-13	
FOCUS	1.0 T ECOBOOST	1000	2012->	3	M1JC	0.7	SILZNAR8C-7H	
FOCUS	1.6 C-MAX	1600	2004->	4	DURATEC	1.3	TR5B-13	
FOCUS	1.6 I	1600	2003->	4	DURATEC HWDA	1.3	TR5B-13	
FOCUS	1.6 I	1600	2011->	4	PNDA	1.3	TR5B-13	
FOCUS	1.6 L	1600	1995->	4	Z6	1.1	BKR5E-11	
FOCUS	1.6 TDCI	1600	2005->	4	G8DA,G8BA DURA		YE05	
FOCUS	1.6 TDI	1600	2011->	4	TD1DA/ TD1DB		Y-8001AS	
FOCUS	1.7 ST	2000	2003->	4	ZH20	1.3	PTR5A-13	
FOCUS	1.8 C-MAX	1800	2003->	4	DURATEC-HE CSDA CSDB	1.3	ITR6F-13	BPR6EF-13
FOCUS	1.8 I	1800	2003->	4	DURATEC SCDA,SCDB	1.3	ITR6F-13	BPR6EF-13
FOCUS	1.8 I	1800	2006->	4	QQDA DURATEC	1.3	TR6AP-13E	BPR6EF-13
FOCUS	1.8 I	1800	2006->	4	QQDD DURATEC	1	TR6AP-13E	
FOCUS	1.8 TDCI	1800	1998->2004	4	ENDURA,DURATOR		Y-524J	
FOCUS	1.8 TDCI	1800	2005->	4			Y-1005J	
FOCUS	2.0 16V	2000	1998->	4	ZETEC	1.3	TR5B-13	
FOCUS	2.0 16V	2000	2004->	4	DURATEC	1.3	ITR6F-13	BPR6EF-13
FOCUS	2.0 16V	2000	2006->	4	SYDA DURATEC	1.3	ITR6F-13	BPR6EF-13
FOCUS	2.0 16V	2000	2009->	4	DURATEC-HE SFI	1.3	ITR6F-13	BPR6EF-13
FOCUS	2.0 C-MAX	2000	2004->	4	AODA AODB	1.3	ITR6F-13	BPR6EF-13
FOCUS	2.0 ST	2000	2012->	4	R9DA	0.8	ILTR6G-8G	
FOCUS	2.0 ST 170	2000	2004->	4	ALDA DURETEC	0.8	ILTR6A-8G	
FOCUS	2.0 TDCI	2000	2004->2007	4	G6DA,G6DB,G6DD		Y-1005J	
FOCUS	2.0 TDCI	2000	2011->	4	TXDB		Y-8001AS	
FOCUS	2.3 ST	2300	2005->2006	4	DURATEC L4Z	1.3	ITR6F-13	BPR6EF-13
FOCUS	2.5 RS	2500	2010->	5	DURATEC	0.8	ILFR6B	
FOCUS	2.5 ST	2500	2006->	5	B5254T4 HYDA DURATEC	0.8	ILFR6B	
FUSION	1.4 I	1400	2002->	4	FXJA/ FXJB	1.3	PTR5A-13	
FUSION	1.6 I	1600	2002->	4	FYJA/ FYJB	1.3	PTR5A-13	
FUSION	2.0 TDCI TITANIUM	2000	2015->	4	T8CC		Y-8001AS	
GALAXY	1.9 TDI	1900	1999->2000	4	AVG, ANU		Y-732J	
GALAXY	2.0 I	2000	1995->	4	NSE	0.8	BKR8EIX	
GRANADA	2.0 GL, GLE	2000	1978->1985	4	KOLN	0.8	AP6FS	APR6FS
GRANADA	3.0 GHIA	3000	1978->1986	6	ESSEX	0.8	BPR6ES	BP6ES
GRANADA	3.0 GLE	3000	1978->1986	6	ESSEX	0.8	BPR6ES	BP6ES
HUSKY	1.8 1TON PICKUP	1800	1985->1987	4	4G62	0.8	BPR5ES	BP5ES
HUSKY	2.0 PANEL VAN,PICK-UP,BUS	2000	1986->1990	4	4G63	0.8	BPR6ES	BP6ES
IKON	1.3 I	1300	2002->	4	ROCAM	1.3	TR5B-13	
IKON	1.4 16V	1400	2008->	4	FXJB	1.3	PTR5A-13	
IKON	1.4 TDCI	1400	2005->	4	F6JB		YE05	
IKON	1.4 TDCI	1400	2005->	4	FJ6A		YE05	
IKON	1.4 TDCI	1400	2010->	4	F6JD/KVJA		YE05	
IKON	1.6 I	1600	2002->	4	ROCAM	1	TR6B-10	
KA	1.2 I	1200	2008->	4	FP4	1	ZKR7A-10	
KA	1.3 I	1300	2003->	4	DURATEC/ROCAM	1.3	TR5B-13	
KA	1.3 I	1300	2003->	4	ENDURA	1.3	BPR5EFS-13	
KA	1.6 SPORTKA	1600	2003->	4	DURATEC/ROCAM	1.3	TR5B-13	
KA	1.6 STREETKA	1600	2003->2005	4	DURATEC	1.3	PTR5A-13	
KUGA	1.6 ECO BOOST	1600	2012->	4	JQM	0.8	ILZTR6A-8G	
KUGA	1.6 ECO BOOST	1600	2012->	4	JTM	0.8	ILZTR6A-8G	
KUGA	2.0 TDCI	2000	2010->2012	4	DURATORQ		Y-1005J	
KUGA	2.0 TDCI	2000	2012->	4			Y-8001AS	
KUGA	2.5 TURBO	2500	2011->	5	DURATEC	0.8	ILFR6B	
LASER	1.3 L,GL	1300	1986->1989	4	E3	0.8	BPR5ES	BP5ES
LASER	1.3 TRACER	1300	1991->1995	4	B3	0.8	BPR5ES	BP5ES
LASER	1.4 L,LX	1400	1989->1992	4	CVH	0.8	BCP6ES	BCPR6ES
LASER	1.4 S	1400	1989->1992	4	CVH	0.8	BCPR6ES	BCP6ES
LASER	1.5 GL,GLS	1500	1986->1989	4	E5,B5,SPORT	0.8	BPR5ES	BP5ES
LASER	1.6 GL,GLE,SPORT	1600	1989->1992	4	CVH	0.8	BCP6ES	BCPR6ES
LASER	1.6 I SPORT ,TX3,TRACER	1600	1986->1996	4	B6	0.8	BPR6ES	BP6ES
LASER	1.6 L	1600	1989->1992	4	CVH	0.8	BCPR6ES	BCP6ES
LASER	2.0 I RS 16V	2000	1991->1994	4	FE-EGI T/C	0.8	BCPR6ES	BCP6ES
METEOR	1.3 GL	1300	1986->1991	4	E3	0.8	BPR5ES	BP5ES
METEOR	1.3 TRACER	1300	1991->	4	B3	0.8	BPR6ES	BP6ES
METEOR	1.4 L	1400	1989->	4	CVH	0.8	BCPR6E	
METEOR	1.5 GL, GLS	1500	1986->1989	4	E5 + B5	0.8	BPR5ES	BP5ES



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FORD								**FORD**
METEOR	1.6 GLI	1600	1986->1989	4	B6	0.8	BPR6ES	BP6ES
METEOR	1.6 L	1600	1989->1992	4	CVH	0.8	BCP6ES	BCPR6ES
METEOR	2.0 GLE 8V	2000	1991->1994	4	FE-EGI T/C	0.8	BCPR6E	
METEOR	2.0 GLI 16V	2000	1991->1994	4	FE-EGI T/C	0.8	BCPR6E	
MONDEO	1.6 TDCI	1600	2014->	4	NGCA		Y-8001AS	
MONDEO	1.8 I LX	1800	1998->2000	4	ZETEC	1.3	TR5B-13	
MONDEO	2.0 16V	2000	2009->	4	DURATEC-HE	1.3	ITR6F-13	BPR6EF-13
MONDEO	2.0 CLX	2000	1998->2000	4	ZETEC	1.3	TR5B-13	
MONDEO	2.0 I	2000	2000->	4	DURATEC	1.3	ITR6F-13	BPR6EF-13
MONDEO	2.0 TDCI	2000	2014->	4	T7CC		Y-8001AS	
MONDEO	2.0 TDCI	2000	2014->	4	T8CC		Y-8001AS	
MONDEO	2.3 TI-VCT	2300	2007->	5	SEBA DURATEC	1.3	ILTR5A-13G	
MONDEO	2.5 SI V6	2500	1998->2000	6	DURATEC	0.8	BPR6EFS	
MONDEO	3.0 ST220	3000	2003->	6	DURATEC	1.3	ITR6F-13	BPR6EF-13
RANCHERO	4.0 OUTBACK, GLI	4000	1997->1998	6	INLINE	1.1	BPR5EY-11	
RANCHERO	4.0 XR6	4000	1997->1998	6	INLINE	1.1	ZGR6B-11	
RANCHERO	4.1 XR6	4100	1986->	6		0.8	AP6FS	APR6FS
RANCHERO	4.9 V8	4900	1988->	8		0.8	BP6FS	BPR6FS
RANGER	1.8 I	1800	2000->	4	F8	0.8	BPR5ES	BP5ES
RANGER	2.2 12V	2200	2007->	4	F2 EFI	0.8	BPR5ES	BP5ES
RANGER	2.2 12V CARB	2200	2000->2006	4	F2	0.8	BKR6E	
RANGER	2.2 I	2200	2012->	4		1.3	ILTR5K-13	
RANGER	2.3 XLT	2300	2009->	4	DFI	1.3	ITR6F-13	BPR6EF-13
RANGER	2.5 D	2500	1999->2006	4	WL		Y-701J	
RANGER	2.5 I	2500	2009->	4	DPAT	1.3	ILTR6A-13G	
RANGER	2.5 TD	2500	1999->2006	4	WL-T		Y-701J	
RANGER	2.5 TD	2500	2006->	4	WLAA		Y-526J1	
RANGER	2.5 XL	2500	2009->	4	DFI	1.3	ITR6F-13	BPR6EF-13
RANGER	2.5 XL	2500	2013->	4		1.3	ILTR5K-13	
RANGER	2.5 XLT	2500	2009->	4	WLAT		Y-526J1	
RANGER	2.6 L 12V	2600	1999->	4		0.8	BKR5E	
RANGER	3.0 TDCI	3000	2008->	4	WEAT		Y-526J1	
RANGER	4.0 V6	4000	2003->	6		1.3	ITR6F-13	BPR6EF-13
RANGER	4.0 XL	4000	2006->	6	EFI	1.3	ITR6F-13	BPR6EF-13
SAPPHIRE	1.6 L	1600	1989->1991	4	KENT	0.8	BPR6ES	BP6ES
SAPPHIRE	2.0 GL, GLE	2000	1989->1993	4	KOLN	0.8	APR6FS	
SAPPHIRE	2.0 I GLI, EXEC	2000	1989->1993	4	KOLN	0.8	APR6FS	
SAPPHIRE	3.0 GHIA	3000	1991->1993	6	ESSEX	0.8	BPR7ES	
SAPPHIRE	3.0 GLX	3000	1989->1993	6	ESSEX	0.8	BPR7ES	
SIERRA	1.6 GL	1600	1983->1989	4	KENT	0.8	BPR6ES	BP6ES
SIERRA	2.0 GL,LX	2000	1983->1993	4	KOLN	0.8	AP6FS	APR6FS
SIERRA	2.3 GLE	2300	1983->1986	6	KOLN	0.8	BPR6ES	BP6ES
SIERRA	3.0 GLS	3000	1984->1989	6	ESSEX	0.8	BPR6ES	BP6ES
SIERRA	3.0 GLX	3000	1989->1993	6	ESSEX	0.8	BPR7ES	
SIERRA	3.0 I RS	3000	1991->1993	6	ESSEX	0.8	BPR7ES	
SIERRA	3.0 XR-6	3000	1989->1992	6	ESSEX	0.8	BPR7ES	
SPECTRON	2.2 BUS	2200	1991->1996	4	F2	0.8	BKR6E	
TELSTAR	2.0 GLI, V6	2000	1993->1996	6	KF	1.1	BKR6E-11	
TELSTAR	2.0 GL,GLE	2000	1993->1997	4	FS	1.1	BKR6E-11	
TELSTAR	2.5 GHIA TX5 V6	2500	1993->1996	6	KL	1.1	BKR6E-11	
TERRITORY	4.0 I	4000	2002->	6	VCT BARRA	1.3	FR5EI-13	
TOURNEO	1.8 D CONNECT	1800	2002->	4	HCPA DURATORQ-TDCI		Y-524J	
TOURNEO CONNECT	1.0 T ECOBOOST	1000	2013->	3	M2GA	0.7	SILZNAR8C-7H	
TOURNEO CONNECT	1.6 T ECOBOOST	1600	2013->	4	JQJA	0.8	ILZTR6A-8G	
TOURNEO CONNECT	1.6 TDCI	1600	2013->	4	T1GA		Y-8001AS	
TRANSIT	1.8 D	1800	2002->	4	BHPA ENDURA		Y-524J	
TRANSIT	1.8 D	1800	2002->	4	HCPA DURATORQ		Y-524J	
TRANSIT	1.8 L	1800	2002->	4	EYPC ZETEC-E	1.3	TR5B-13	
TRANSIT	1.8 S	1800	2002->	4	EYPA ZETEC-E	1.3	PTR5A-13	
TRANSIT	2.2 DT	2200	2006->	4	DOHC		Y-548J	
TRITON	2.6 SWB	2600	1985->1986	4	4G54	0.8	BPR6ES	BP6ES
FOTON								**FOTON**
INKUNZI	2.2 I	2000	2008->	4		0.8	BPR6ES	BP6ES
VIEW	2.2 I	2200	2008->	4		0.8	BPR6ES	BP6ES
FUDI								**FUDI**
PICK-UP	2.2 I	2200	2007->	4	4Y	0.8	BPR5EY	
PICK-UP	2.8 TD	2800	2007->	4	4JB1		Y-904M1	



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Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval
GAZ								**GAZ**
5601	2.2 TURBO	2200	2006->	4			Y-732J	
GEELY								**GEELY**
CK	1.3 GB,GS	1300	2007->	4		0.8	BKR6ES-11	
CK	1.5 GL,GT	1500	2007->	4		0.8	BKR6ES-11	
GONOW								**GONOW**
JETSTAR	2.8 TD	2800	2007->	4	4JB1		Y-904M1	
X-SPACE	2.2 I DC	2200	2007->2007	4	4Y	0.8	BPR5EY	
X-SPACE	2.2 I XL DCEXT	2200	2007->	4	4Y	0.8	BPR5EY	
X-SPACE	2.2 IL DC	2200	2007->	4	4Y	0.8	BPR5EY	
X-SPACE	2.2 IX DCEXT	2200	2007->	4	4Y	0.8	BPR5EY	
GWM								**GWM**
DOUBLE CAB	2.2 I	2200	2007->	4	4Y	0.8	BPR5EY	
FLORID	1.5 I	1500	2010->	4	GW4G15	0.8	BKR6E	
HOVER	2.4 FI	2400	2007->	4	4G64	0.8	BKR5E	
MULTI WAGON	2.2 I	2200	2007->	4	4Y	0.8	BPR5EY	
SINGLE CAB	2.2 I	2200	2007->	4	4Y	0.8	BPR5EY	
SINGLE CAB	2.5 D	2500	2007->	4			Y-904M1	
STEED 5	2.2 I	2200	2009->	4	491QE	0.8	BPR6ES	BP6ES
STEED 5	2.4 I	2400	2009->	4	4G94S4N	1.1	BKR6E-11	
G.M.C								**G.M.C**
ENVOY	5.3 EFI	5300	2007->	8	LMG	1.5	TR55IX	BPR5EFS-13
YUKON	5.3 XL1500	5300	2005->	8	T/FI	1.5	TR55IX	BPR5EFS-13
YUKON	6.0 XL2500SE	6000	2005->	8	N/FI	1.5	TR55IX	BPR5EFS-13
YUKON	6.2 FI V8	6200	2006->2006	8	L92	1.1	IZTR5B-11	
HONDA								**HONDA**
ACCORD	2.0 E	2000	2004->	4	K20A6	1.1	ZFR6K-11	
ACCORD	2.0 VTEC	2000	2008->	4	R20A3	1.1	IZFR6K-11S	
ACCORD	2.2 TURBO	2200	1999->2003	4	H22A7	1.1	PZFR6F-11	ZFR6F-11
ACCORD	2.3 VTEC	2300	2003->	4	H23A3	1.1	ZFR6F-11	
ACCORD	2.4 EX-L	2400	2009->	4	K24Z3 FI	1.1	ILZKR7B-11S	
ACCORD	2.4 VTEC	2400	2003->	4	K24A3	1.1	ZFR6K-11	
ACCORD	2.4 VTEC	2400	2007->	4	K24A8	1.1	IZFR6K-11	ZFR6K-11
ACCORD	2.4 VTEC	2400	2013->	4	K24W3	1.1	ILKAR7K-11S	
ACCORD	3.0 LX	3000	1998->	6	J30A1	1.1	ZFR5F-11	
ACCORD	3.0 V6	3000	2006->2007	6	FI	1.1	PZFR6F-11	ZFR6F-11
ACCORD	3.5 EX-L	3500	2009->	6	J35Z2 FI	1.1	ILZKR7B-11S	
BALLADE	1.3 L	1300	1984->1989	4	EV2	1.1	BPR6EY-11	
BALLADE	1.3 SX	1300	1982->1985	4	EN4	0.8	BPR6ES	BP6ES
BALLADE	1.5 FI	1500	1989->1992	4	D15B8	1.1	BCPR6ES-11	
BALLADE	1.5 FI	1500	1992->1996	4	D15B3	1.1	BCPR6ES-11	
BALLADE	1.5 I	1500	1985->1989	4	EW2	1.1	BPR6EY-11	
BALLADE	1.5 L	1500	1984->1989	4	D15Z4	1.1	BKR6E-11	
BALLADE	1.6 DOHC	1600	1992->	4	D16A9	1.1	BKR6E-N-11	
BALLADE	1.6 SOHC	1600	1989->1992	4	D16A7	1.1	BKR6E-11	
BALLADE	1.6 VTEC	1600	1996->2000	4	D16A1	1.1	BKR6E-N-11	
BALLADE	1.6 IE	1600	1992->1994	4	D16Z6	1.1	BCPR6E-11	
BALLADE	1.6 SE	1600	1996->2000	4	D16 Y9	1.1	BKR6E-11	
BALLADE	1.8 E	1800	1994->1996	4	B18B3	1.1	BKR6E-N-11	
BALLADE	1.8 I	1800	1994->1996	4	B18C4	1.1	BKR6E-N-11	
BALLADE	1.8 I	1800	1999->	4	B18B4	1.1	BKR5E-11	
BRIO	1.2 I	1200	2013->	4	L12	1.1	BKR6E-11	
CIVIC	1.4 V-TEC	1400	2012->	4	L13Z4	1.3	IZFR6K-13	
CIVIC	1.5 VTEC	1500	2001->	4	D15Y3	1.1	BKR6E-N-11	
CIVIC	1.5 16V	1500	1996->2000	4	D15 Z4	1.1	BKR6E-11	
CIVIC	1.5 I	1500	2001->	4	VTI	1.1	BKR6E-N-11	
CIVIC	1.6 VTEC	1600	1996->2000	4	B16A1	1.1	BKR6E-N-11	
CIVIC	1.6 I	1600	1989->1992	4	D16A7	1.1	BKR6E-11	
CIVIC	1.6 I	1600	1996->2000	4	D16 Y9	1.1	BKR6E-11	
CIVIC	1.6 I	1600	2001->	4	D16V1	1.1	ZFR6J-11	
CIVIC	1.7 VTEC	1700	2001->2005	4	D17A5	1.1	ZFR6F-11	
CIVIC	1.8 VTEC	1800	2001->	4	B18C4	1.1	BKR6E-N-11	
CIVIC	1.8 I	1800	2006->	4	R18A1	1.1	IZFR6K-11S	ZFR6K-11



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Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval
HONDA								**HONDA**
CIVIC	1.8 I-VTEC	1800	2012->	4	R18Z1	1.1	SILZKR7C-11S	
CIVIC	2.0 SI	2000	2009->	4	K20Z3	1.1	IFR7G-11KS	
CIVIC	2.0 TYPE-R	2000	2001->2006	4	K20A2	1.1	IFR7G-11KS	
CIVIC	2.0 TYPE R FN2	2000	2007->	4	K20ZA	1.1	IFR7G-11KS	
CIVIC	2.0 SI	2000	2011->	4	K20Z3	1.1	IFR7G-11KS	
CONCERTO	1.8 TD	1800	1994->1995	4	XUD 7 TE		Y-924J	
CR-Z	1.5 ELEC	1500	2011->	4	LEA1	1.3	DIFR6D-13	
CRV	2.0 I	2000	1997->1999	4	DOHC	1.1	ZFR5F-11	
CRV	2.0 RE5	2000	2007->	4	R20A2	1.1	IZFR6K-11	ZFR6K-11
CRV	2.0 RE5	2000	2007->	4	R20A2	1.1	IZFR6K-11	ZFR6K-11
CRV	2.0 SE	2000	2002->	4	K20A4	1.1	ZFR6K-11	
CRV	2.0 S,LS,ES	2000	2000->	4	B20Z1	1.1	ZFR6F-11	
CRV	2.0 VTEC	2000	2003->	4	K20A4	1.1	IZFR6K-11	ZFR6K-11
CRV	2.4 FI	2400	2007->	4	K24Z1	1.1	IZFR6K-11	ZFR6K-11
CRV	2.4 VTEC	2400	2009->	4	K24Z1	1.1	IZFR6K-11	ZFR6K-11
CRX	1.6 I	1600	1988->	4	D16A9	1.1	BCPR6E-11	
ELEMENT	2.4 FI	2400	2007->	4	K24A4	1.1	IZFR6K-11	ZFR6K-11
FRV	1.7 VTEC	1700	2005->	4	D17A2	1.1	ZFR6K-11	
FRV	1.8 VTEC	1800	2007->	4	R18A1	1.1	IZFR6K-11S	ZFR6K-11
FRV	2.0 VTEC	2000	2005->	4	K20A9	1.1	ZFR6K-11	
HR-V	1.6 SX	1600	2001->	4	D16W1	1.1	ZFR6F-11	
INSIGHT	1.3 ELECTRIC	1300	2010->	4	LDA3 L4	1.1	DILFR6J-11	
INTEGRA	2.0 TYPE R	2000	2002->	4	K20A	1.1	IFR7G-11KS	
JAZZ	1.2 I	1200	2008->	4	L12B1	1.3	DIFR6D-13	
JAZZ	1.3 ELEC	1300	2012->	4	LDA3	1.1	DILFR6J-11	
JAZZ	1.3 I	1300	2006->	4	L13 A6	1.1	BKR6E-11	
JAZZ	1.3 I	1300	2009->	4	SOHC	1.3	IZFR6K-13	
JAZZ	1.4 HYBRID	1400	2011->	4	LDA3	1.1	DILFR6J-11	
JAZZ	1.4 I	1400	2002->	4	43A1	1.1	BKR6E-11	
JAZZ	1.4 I	1400	2006->	4	L13A6	1.1	BKR6E-11	
JAZZ	1.4 I	1400	2009->	4	L13Z1	1.3	IZFR6K-11	ZFR6K-11
JAZZ	1.4 I DSI TWIN-SPARK	1400	2003->	8	L13A1	1.1	BKR6E-11 X8	
JAZZ	1.5 I	1500	2006->	4	L15A	1.1	IZFR6K-11	ZFR6K-11
ODYSSEY	2.3 I	2300	1998->1999	4	H23A2	1.1	ZFR6F-11	
ODYSSEY	2.4 I 16V	2400	2000->	4		1.1	ZFR6F-11	
ODYSSEY	3.5 I	3500	2007->	6	J35A7	1.1	IZFR6K-11	ZFR6K-11
PRELUDE	1.8 EX	1800	1984->1987	4	ET	0.8	BPR6ES	BP6ES
PRELUDE	2.0 16V	2000		4	B20A7	1.1	BCPR6E-11	
PRELUDE	2.2 16V	2200		4	F22A	1.1	ZFR6F-11	
PRELUDE	2.2 VTEC	2200	1997->2000	4	H22A5	1.1	PZFR6F-11	ZFR6F-11
S2000	2.0 VTEC	2000	2000->2002	4	F20C1	1.1	PFR7G-11	
S2000	2.2 VTEC	2200	2007->	4	F22C1	1.1	IFR7G-11KS	
STREAM	1.7 VTEC	1700	2001->	4	D17A2	1.1	ZFR6F-11	
HUMMER								**HUMMER**
H2	6.0 I V8	6000	2003->2006	8	N EFI	1.3	ITR6F-13	BPR6EF-13
H3	3.7 I	3700	2007->	5	L5	1.1	ILTR5B-11	
HYUNDAI								**HYUNDAI**
ACCENT	1.3 G	1300	1999->2006	4	G4EA	1.1	BKR5ES-11	
ACCENT	1.3 XS, LS	1300	1996->1999	4	G4EH	1.1	BKR5ES-11	
ACCENT	1.5 CSI, RSI	1500	1994->1999	4	G4EK	1.1	BKR5ES-11	
ACCENT	1.5 SX	1500	2000->2006	4	G4EB	1.1	BKR5ES-11	
ACCENT	1.6 BLUE	1600	2010->2010	4	CFI	0.8	BCPR6ES	BCP6ES
ACCENT	1.6 I	1600	2012->	4	G4FC	1	LZKR6B-10E	
ACCENT	1.6 LX	1600	2006->	4	G4ED	0.8	BCPR6ES	BCP6ES
ATOS	1.0 PRIME	1000	2001->	4	G4HC	1.1	BKR5ES-11	
ATOS	1.1 PRIME	1100	2005->	4	G4HG	1.1	BKR5ES-11	
AZERA	3.3 V6	3300	2006->	6	G6DB	1.1	IFR5G-11	BKR5E-11
ELANTRA	1.5 I	1500	1995->2005	4	G4EK, G4EB	1.1	BKR5ES-11	
ELANTRA	1.6 CVVT	1600	2010->	4	G4FC	1	LZKR6B-10E	
ELANTRA	1.6 GL	1600	2008->	4	HD	1.1	ZFR5F-11	
ELANTRA	1.6 GLS	1600	2007->	4	XD	0.8	BKR5ES-11	
ELANTRA	1.6 GLS EXEC.	1600	1993->1995	4	J1 G4DNR	0.8	BPR6ES-11	
ELANTRA	1.6 GL, GLS EXEC.	1600	1996->	4	J2 G4DR	0.8	BKR5ES-11	
ELANTRA	1.6 I	1600	2012->	4	G4FC	1	LZKR6B-10E	
ELANTRA	1.8 CVVT	1800	2011->2012	4	L4	1.1	SILZKR6B-11	
ELANTRA	1.8 CVVT	1800	2013->	4	L4	1.1	SILZKR7B-11	
ELANTRA	1.8 GLI	1800	1996->	4	J2 G4DR	0.8	BKR5ES-11	
ELANTRA	1.8 GLS	1800	1994->	4	J1 G4DN	0.8	BPR6ES-11	



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Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval
HYUNDAI								**HYUNDAI**
ELANTRA	1.8 GLS	1800	1996->	4	J2 G4DN	0.8	BKR5ES-11	
ELANTRA	2.0 CRDI	2000	2001->	4	D4EA		Y-749J	
ELANTRA	2.0 GLS	2000	2003->	4	G4FG	1.1	BKR5E-11	
ELANTRA	2.0 GS	2000	2008->	4	HD	0.8	BKR5E-11	
ELANTRA	2.0 TOURING	2000	2010->	4	EFI	1.1	IFR5E-11	BKR5E-11
GENESIS	3.8 COUPE	3800	2008->	6		1.1	SILZKR7B-11	
GETZ	1.3 I	1300	2004->2008	4	G4EA	1.1	BKR5ES-11	
GETZ	1.4 I	1400	2005->2008	4	G4EEG	1.1	BKR5ES-11	
GETZ	1.5 CRD	1500	2004->	4	D3EA		Y-527J	
GETZ	1.6 GL	1600	2003->	4	J4 G4ED	0.8	BCPR6ES	BCP6ES
GETZ	1.6 HS	1600	2007->	4	G4ED	0.8	BCPR6ES	BCP6ES
H1	2.4 I	2400	2008->	4	L4	1.1	LFR5A-11	
H1	2.5 D	2500	2000->	4	D4BF,D4BH		Y-722JS	
H100	2.4 I	2400	1997->	4		1.1	BP6EY-11	BPR6EY-11
H100	2.5 D	2500	1994->1996	4	D4BA		Y-115T-1	
H100	2.6 D	2600	1997->	4	D4BB		Y-115T-1	
I10	1.1 I	1100	2008->	4	G4HG	1.1	BCPR6ES-11	
I10	1.2 I	1200	2008->2010	4	G4LA	1	LKR6D-10E	
I10	1.2 I	1200	2011->	4	G4LA	0.8	PLKR7A	
I20	1.2 I	1200	2008->	4	G4LA	0.8	PLKR7A	
I20	1.4 CRDI	1400	2009->	4	D4FC		Y-527J	
I20	1.4 FI	1400	2008->2008	4	G4FA	1.1	ZFR5F-11	
I20	1.4 FI	1400	2009->	4	G4FA	1	LZKR6B-10E	
I20	1.6 I	1600	2009->	4	G4FC	1	ZFR5F-11	
I30	1.6 GDI	1600	2011->	4	G4FD	1	SILZKR6B-10E	
I30	1.6 I	1600	2009->	4	G4FC	1	LZKR6B-10E	
I30	1.8 I	1800	2013->	4		0.8	SILZKR7B-11	
I30	2.0 I	2000	2008->	4	G4GC	1.1	BKR5ES-11	
IX35	1.7 CRDI	1700	2010->	4	D4FD		CZ203	
IX35	2.0 CRDI	2000	2009->	4	D4HA		Y-1003AS	
IX35	2.0 I	2000	2010->	4	G4KD	1.1	LFR5A-11	
IX35	2.4 I	2400	2010->	4	G4KE	1.1	LFR5A-11	
MATRIX	1.6 I	1600	2004->	4	G4ED	0.8	BCPR6ES	BCP6ES
MATRIX	1.8 I	1800	2004->	4	G4GB	1.1	BKR5E-11	
S COUPE	1.5 GT TURBO	1500	1994->1995	4	G4KER	0.8	BKR6E	
S COUPE	1.5 LS	1500	1994->1995	4	G4EK	1.1	BKR5ES-11	
SANTA FE 2	2.4 I	2400	2010->	4	G4KC/ G4KE	1.1	LFR5A-11	
SANTA FE 2	2.7 I	2700	2005->2009	6	G6BA/ G6EA	1.1	ILFR5B-11	
SANTA FE 3	2.2 CRDI	2200	2012->	4	D4HB		Y-1003AS	
SANTE FE	2.0 CRDI	2000	2001->2005	4	4DEA		Y-749J	
SANTE FE	2.0 CRDI 4X4	2000	2005->	4	D4EA		Y-749J	
SANTE FE	2.2 CRDI	2200	2006->	4	D4EB		Y-749J	
SANTE FE	2.4 I	2400	2001->2005	4	G4JS-G	1.1	PGR5C-11	BPR5ES-11
SANTE FE	2.7 I	2700	2001->2005	6	G6BA-G	1.1	IFR5N-10	
SONATA	2,0 GL, GLS	2000	1996->2000	4	J2	0.8	BKR5ES-11	
SONATA	2.0 GL	2000	1993->1998	4	G4CP	1.1	BPR6ES-11	
SONATA	2.0 GL	2000	1998->2004	4	G4JP	1.1	BPR6ES-11	
SONATA	2.0 GL, GLS	2000	1994->1996	4	J1 G4APR	0.8	BPR6ES-11	
SONATA	2.4 GL, GLS	2400	2006->	4	L4C FL	1.1	ZFR5F-11	
SONATA	2.4 I	2400	1989->	4	4G64	1.1	BPR6ES-11	
SONATA	2.4 I	2400	1989->2001	4	G4KC	1.1	BKR5ES-11	
SONATA	2.4 I	2400	2010->	4	G4KE	1.1	LFR5A-11	
SONATA	2.4 L	2400	2008->	4		1.1	BKR5ES-11	
SONATA	2.5 VIVANTE	2500	1999->	6	G6BVW	1	IFR5N-10	
SONATA	2.7 V6	2700	2003->2005	6	G6BA-G	1.1	PFR6B-11	BKR6E-11
SONATA	3.0 GLS	3000	1994->	6	G6ATR	0.8	BPR6ES	BP6ES
SONATA	3.3 V6	3300	2005->2008	6	G6DB	1.1	IFR5G-11	BKR5E-11
TERRACAN	2.9 CRDI	2900	2000->2005	4			CZ257	
TERRACAN	3.5 V6	3500	2001->	6	G6CU	1.1	IFR5N-10	
TIBURON	2.0 FL	2000	2006->	4	GS2 L4D	1.1	IFR5E-11	BKR5E-11
TIBURON	2.0 FX	2000	1996->	4	J2	1.1	BKR5ES-11	
TIBURON	2.7 GT V6	2700	2006->	6	F FI	1.1	IFR5E-11	BKR5E-11
TIBURON	2.7 V6	2700	2004->	6	G6BA-G	1.1	PFR6B-11	BKR6E-11
TRAJET	2.0 CRDI	2000	2001->	4	4DEA		Y-749J	
TRAJET	2.0 I	2000	2004->	4	G4JP-G	1.1	PFR6N-11	BKR6E-11
TRAJET	2.7 V6	2700	2004->	6	G6BA	1.1	IFR5N-10	
TUCSON	2.0 16V	2000	2004->	4	G4GC	1.1	BKR5ES-11	
TUCSON	2.0 CRDI	2000	2004->	4			Y-749J	
TUCSON	2.7 GLS V6	2700	2006->	6	D-FI	1.1	IFR5E-11	BKR5E-11
TUCSON	2.7 V6	2700	2004->	6	G6BA	1.1	IFR5N-10	
TUCSON	3.0 V6	3000	2001->	6	XG300	1.1	PFR5J-11	BKR5E-11
VELOSTER	1.6 CVVT	1600	2011->	4		1	SILZKR6B-10E	



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INFINITI								**INFINITI**
EX	3.7 I	3700	2012->	6	VQ37VHR	1.1	DF8H-11B	
FX	3.7 I	3700	2012->	6	VQ37VHR	1.1	DF8H-11B	
FX	5.0 V8	5000	2012->	8	VK50VE	1.1	DILKAR7B-11	
G37	3.7 GT CABRIO	3700	2012->	6	VQ37VHR	1.1	DF8H-11B	
M37	3.7 GT	3700	2012->	6	VQ37VHR	1.1	DF8H-11B	
Q50S	3.5 HYBRID	3500	2013->	6	VG35HR	1.1	DF7H-11B	
Q60	3.7 GT	3700	2013->	6	VQ37VHR	1.1	DF8H-11B	
Q70	3.7 GT	3700	2013->	6	VQ37VHR	1.1	DF8H-11B	
QX50	3.7 GT	3700	2013->	6	VQ37VHR	1.1	DF8H-11B	
QX70	3.7 GT	3700	2013->	6	VQ37VHR	1.1	DF8H-11B	
QX70	5.0 S	5000	2013->	8	VK50VE	1.1	DF7H-11B	
INTERSTATE (TRAX)								**INTERSTATE (TRAX)**
DATSUN	2.8 L	2800	1992->	6	L28	0.8	BPR6ES	BP6ES
FORD	2.0 GS	2000	1991->	4	KOLN	0.8	AP6FS	APR6FS
FORD	3.0 S	3000	1990->	6	ESSEX	0.8	BPR6ES	BP6ES
GM	2.3 H	2300	1992->	4		0.8	BPR5ES	BP5ES
GM	3.8 H	3800	1995->	6		0.8	BPR5ES	BP5ES
GM	4.1 L	4100	1990->	6		0.8	BPR5ES	BP5ES
ISUZU								**ISUZU**
FLEETSIDE	1.6 PICK-UP	1600	1987->1989	4	G161Z	0.8	BPR6ES	BP6ES
FRONTIER	320 V6	3200	1998->	6	6VD1	1.1	BKR6E-11	
KB	160 FLEETSIDE	1600	1989->1995	4	4ZA1	0.8	BPR6ES	BP6ES
KB	180 FL	1800	1981->1989	4	4ZB1	0.8	BPR6ES	BP6ES
KB	200 FLEETSIDE	2000	1994->1996	4	4ZC1	0.8	BPR6ES	BP6ES
KB	200 I	2000	2007->	4	X20NE	1.1	BKR6E-11	
KB	200 KBD 21,26, 41,42	2000	1981->1984	4	C190		Y-306R	
KB	200 L	2000	1999->	4	C20NE	1.1	BPR6ES-11	
KB	200 LH	2000	1978->1981	4	4ZC1	0.8	BPR6ES	BP6ES
KB	200 SX	2600	1981->1989	4	G200Z	0.8	BPR6ES	BP6ES
KB	220 D	2200	1986->1987	4	C223		Y-306R	
KB	220 D	2200	1987->1988	4	C223		Y-710J	
KB	220 I	2200	1999->	4	C22NE	0.8	BPR6ES	BP6ES
KB	220 I	2200	2003->	4	MPFI	0.8	BKR6EK	
KB	220 KL	2200	1987->1989	4	4ZD1	0.8	BPR6ES	BP6ES
KB	220 SE	1600	1981->1989	4	4ZD1	0.8	BPR6ES	BP6ES
KB	220 TD	2200	1986->1987	4	C223		Y-306R	
KB	220 TD	2200	1987->1988	4	C223		Y-710J	
KB	230 H	2300	1989->1995	4	4ZD1	0.8	BPR6ES	BP6ES
KB	230 S	2300	1987->1989	4	4ZD1	0.8	BPR6ES	BP6ES
KB	240 I	2400	2004->	4	C24SE	0.8	BPR6ES	BP6ES
KB	240 I	2400	2007->	4	X24SE	1.1	BKR6E-11	
KB	250 DT	2500	1998->	4	4JA1		Y-904M1	
KB	250 S	1600	1978->1981	4	G161Z	0.8	BPR6ES	BP6ES
KB	260 I	2600	1992->1996	4	4ZE1	0.8	BPR6ES	BP6ES
KB	260 L	2600	1981->1989	4	4ZE1	0.8	BPR6ES	BP6ES
KB	270 LH	1600	1981->` 1989	4	G161Z	0.8	BPR6ES	BP6ES
KB	280 TD LE,LX	2800	1993->2001	4	4JB1		Y-904M1	
KB	2.4 16V	2400	2012->	4	Z24SED	0.8	BKR6EKC	
KB	2.5 D-MAX	2500	2010->	4	4JK1		Y-1001J1	
KB	300 TDI	3000	2002->2008	4	4JH1		Y-904M1	
KB	320 V6	3200	1998->	6	6VD1	1.1	BKR6E-11	
KB	350 I	3500	2004->	6	6VE1	1.1	PFR5J-11	BKR5E-11
KB	360 L	3600	2007->2008	6	HF	1.1	PFR5J-11	BKR5E-11
KB	360 LX	3600	2009->	6	HF	1.3	PTR5A-13	
KB	3.0 D-MAX	3000	2010->	4	4JJ1		Y-1001J1	
RELAY	1.8 VAN	1800	->1993	4	4ZB1	1.1	BPR5ES-11	
RELAY	2.0 VAN	2000	1986->	4	4ZC1	1.1	BPR5ES-11	
TROOPER	1.6	1600	1988->	4	4ZA1	0.8	BPR6ES	BP6ES
TROOPER	220 D	2200	1981->1987	4	C223		Y-306R	
TROOPER	220 D,TD	2200	1987->1988	4	C223,T		Y-710J	
TROOPER	220 TD	2200	1981->1987	4	C223T		Y-306R	
TROOPER	220 UBS 4X4	2200	1981->	4	C223, C223T		Y-104	
TROOPER	280 TD	2800	1988->1991	4	4JB1TC		Y-904M1	
TROOPER	2.0 TFR 12	2000	->1993	4	4ZC1	1.1	BPR5ES-11	
TROOPER	2.3	2300	1988->	4	4ZD1	0.8	BPR6ES	BP6ES
TROOPER	2.6 E	2600	1989->	4	4ZE1	1.1	BPR6ES-11	
TROOPER	2.6 L	2600	1989->	4	4ZE1	1.1	BPR6ES-11	
TROOPER	300 DTI	3000	1998->	4	4JX1		Y-711J	
TROOPER	320 LE	3200	1998->	6	6VD1	1.1	BKR6E-11	
TROOPER	3.0 TD	3000	1992->	6	4JG2		Y-719RS1	



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Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval
JAGUAR								**JAGUAR**
E-TYPE	5.3 FI V12	5300	1971->1975	12		0.8	BPR5ES	BP5ES
EXECUTIVE	4.2 SERIES II	4200	1974->1980	6	XJ-6	0.8	BPR5ES	BP5ES
F-TYPE	5.0 V8S	5000	2012->	8	AJ-V8	1	ILKAR7C-10	
S-TYPE	3.0 I V6	3000	1998->2003	6	AJ-6	1.3	PTR6D-13	
S-TYPE	4.0 I V8	4000	2000->	8	AJ-8	1.1	PFR5J-11	BKR5E-11
S-TYPE	4.2 I V8	4200	2003->	8	AJ-8	1	IFR5N-10	
S-TYPE	4.2 I V8	4200	2007->	8	FI	1	IFR5N-10	
S-TYPE	4.2 R V8	4200	2002->	8	AJ-8	1	IFR5N-10	
SOVEREIGN	4.0 L	4000	1989->	6	XJ-6	0.8	BCPR6ES	BCP6ES
X-TYPE	2.0 SI V6	2000	2001->	6	AJ-6	1.3	TR6AP-13E	
X-TYPE	3.0 SI V6	3000	2005->	6	AJ-6	1.3	PTR6D-13	
XF	2.2 D	2200	2009->	4	BG		YE08	
XF	3.0 SI V6	3000	2008->	6	AJ-6	1.3	TR6AP-13E	
XF	4.2 I	4200	2008->	8	AJ33	1	IFR5N-10	
XFR	5.0 I	5000	2009->	8	AJ133	1	ILKAR7C-10	
XFR	5.0 I SUPERCHARGED	5000	2009->	8	AJ-133	1	ILKAR7C-10	
XJ	5.0 I	5000	2010->	8	AJ133	1	ILKAR7C-10	
XJ-12	5.3 I V12	5300	1991->1993	12	HE-12	0.6	BR7EFS	
XJ-12	6.0 I V12	6000	1994->1996	12	HE-12	0.6	BR7EFS	
XJ-6	3.0 I	3000	2005->	6	AJ-6	1.3	PTR6D-13	
XJ-6	3.6 I	3600	1987->1990	6	AJ-6	0.8	BCPR6ES	BCP6ES
XJ-6	4.0 I	4000	1990->1998	6	AJ-6	0.8	BCPR6ES	BCP6ES
XJ-6	4.2 SERIES 3	4200	1975->1977	6	XK	0.8	BPR5ES	BP5ES
XJ-8	3.5 S	3500	2003->	8	XJ-33	1	IFR5N-10	
XJ-8	4.0 S	4000	1997->	8	AJ-V8	1.1	BCPR6EIX-11	
XJ-8	4.2 R	4200	2002->	8	AJ-26	1	IFR5N-10	
XJ-8	4.2 S	4200	2003->2007	8	AJ-33	1	IFR5N-10	
XJR	4.0 SUPERCHARGED	4000	1994->1997	8	AJ-16	0.8	BCPR7E	
XJR	4.0 SUPERCHARGED	4000	1997->2000	8	AJ-26	1.3	PFR6G-13E	
XJR	4.0 SX	4000	1986->1991	6	AJ-6	0.8	BCPR6ES	BCP6ES
XJR	4.2 L	4200	2004->	8	AJ-33	1	IFR5N-10	
XJS	5.3 COUPE V12	5300	1982->1985	12	HE-12	0.6	BR6EF	BR6EF
XJS	5.3 V12	5300	1982->1985	12	HE-12	0.8	BP6EFS	BPR6EFS
XJS	5.3 V12	5300	1986->	12	HE-12	0.6	BR7EFS	
XK	4.2 V8	4200	2005->	8	AJ-8	1	IFR5N-10	
XK8	4.0 V8	4000	2002->	8	AJ-26, 27	1	IFR5N-10	
XK8	4.2 SI	4200	2002->	8	AJ-34	1	IFR5N-10	
XKR-S	5.0 I	5000	2011->	8	AJ133	1	ILKAR7C-10	
XKR/ YK8	4.2 V8	4200	2002->2006	8	AJ-34	1	IFR5N-10	
KIA								**KIA**
CARENS	1.8 I LS	1800	2000->2002	4	TB	1.1	BKR6E-11	
CARENS	2.0 CRDI EX	2000	2003->	4	D4EA		Y-749J	
CARENS	2.0 I	2000	2004->	4	G4GC	1.1	BKR5ES-11	
CARENS 3	2.0 I	2000	2007->	4	G4KA	1.1	BKR5ES-11	
CARNIVAL	2.2 CRDI	2200	2010->	4	D4HB		CZ105	
CARNIVAL	2.5 L	2500	1999->	6	KV6	1.1	PFR6N-11	BKR6E-11
CARNIVAL	2.9 CRDI	2900	2006->	4	J3		Y-535J	
CEE'D	1.4 I	1400	2007->	4	G4FA	1.1	ZFR5F-11	
CEE'D	1.6 I	1600	2007->	4	G4FC	1.1	ZFR5F-11	
CEE'D	2.0 CRDI	2000	2008->	4	D4EA-F		Y-748U	
CEE'D	2.0 I	2000	2007->	4	G4GC	0.8	BKR5ES	
CERATO	1.6 EX	1600	2010->	4	G4FC	1	LZKR6B-10E	
CERATO	1.6 I	1600	2006->2009	4	G4FC	1.1	ZFR5F-11	
CERATO	1.6 I	1600	2013->	4		0.8	SILZKR6D8E	
CERATO	1.6 I	1600	2009->2012	4		1.1	ZFR5F-11	
CERATO	1.6 L	1600	2004->	4	G4ED	0.8	BCPR6ES	BCP6ES
CERATO	2.0 16V	2000	2009->	4	G4KD	1.1	LFR5A-11	
CERATO	2.0 KOUP	2000	2010->	4	G4GC	1.1	BKR5ES-11	
CERATO	2.0 L	2000	2004->	4	G4GC	1.1	BKR5ES-11	
CLARUS	2.0 GLX	2000	1998->	4	FE DOHC	1.1	BKR6E-11	
K2700	2.7 TD	2700	1990->1999	4	VN		Y-701J	
KOUP	2.0 EFI	2000	2010->	4	G4KD	1.1	LFR5AP-11	LFR5A-11
MAGENTIS	2.0 I	2000	2004->	4		0.8	BPR6ES	BP6ES
MAGENTIS	2.5 I	2500	2003->	6	G6BV	0.8	BKR5ES	
MAGENTIS	2.5 I	2500	2004->	6	KV6	1.1	PFR6N-11	BKR6E-11
MAGENTIS	2.7 I	2700	2006->	6	G6EA	1.1	ILFR5B-11	
OPTIMA	2.4 I	2400	2012->	4	G4KD	1.1	SILZKR7B-11	
PICANTO	1.0 I	1000	2004->	4	G4HE	1.1	BKR6ES-11	
PICANTO	1.0 MPI	1000	2010->	3	G4LA	1	LKR6D-10E	
PICANTO	1.1 LX	1100	2004->	4	G4HG	1.1	BKR5ES-11	



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Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval
KIA								**KIA**
PICANTO	1.2 I	1200	2011->	4	G4LA	1	LKR6D-10E	
PICANTO 2	1.0 I	1000	2011->	3	G3LA	1	LKR6D-10E	
PICANTO 2	1.2 I	1200	2011->	4	G4LA	1	LKR6D-10E	
PREGIO	2.7 D SEAT	2700	1996->2004	4	J2		Y-701J	
PREGIO	3.0 D	3000	2003->	6	W3,NB9		Y-701J	
PRIDE	1.3 LX	1300	1998->	4	B3	1.1	BPR5ES-11	
PRIDE	1.6 CVVT	1600	2005->	4		1.1	PFR5N-11	BKR5E-11
PRO-CEED	2.0 FI	2000	2007->	4	G4GC	1.1	BKR5ES-11	
RIO	1.2 I	1200	2012->	4	G4LA	1	LKR6D-10E	
RIO	1.3 RS	1300	2001->	4	A2E	0.8	BPR5EY	
RIO	1.4 CVVT	1400	2011->	4	G4FA	1	LZKR6B-10E	
RIO	1.4 HATCH	1400	2005->	4	G4EE	1.1	BKR5ES-11	
RIO	1.4 L	1400	2001->	4	A3E	0.8	BPR5EY	
RIO	1.4 S	1400	2005->	4	G4EE	1.1	BKR5ES-11	
RIO	1.5 CRDI	1500	2004->	4	D4FA		Y-527J	
RIO	1.5 RS	1500	2001->	4	A5D	0.8	BPR5EY	
RIO	1.6 L	1600	2006->2010	4	L4 FI	1.1	BKR5ES-11	
RIO	1.6 LX	1600	2010->	4	L4	1.1	BKR5ES-11	
SEDONA	2.2 CRDI	2200	2010->	4	D4HB		CZ105	
SEDONA	2.5 V6	2500	2004->	6	KV6	1.1	PFR6N-11	BKR6E-11
SEDONA	2.9 D	2900	2006->	4	CRDI		Y-535J	
SEDONA	3.8 V6	3800	2010->	6		1.1	IFR5G-11	BKR5E-11
SEPHIA	1.5 I LS,RS	1500	1998->2000	4	B5E	1.1	BKR6E-11	
SHUMA	1.5 I LS	1500	1999->	4	B5,BFD	1.1	BKR6E-11	
SHUMA	1.8 I GS	1800	1999->	4	TED	1.1	BKR6E-11	
SHUMA 2	1.6 FI	1600	2002->	4	OKAB5	0.8	BKR6E	
SHUMA 2	1.8 FI	1800	2002->	4	TED	0.8	BKR6E	
SORENTO	2.2 CRDI	2200	2009->	4	D4HA		Y-1003AS	
SORENTO	2.4 I	2400	2010->	4	G4KE	1.1	LFR5A-11	
SORENTO	2.5 CRDI	2500	2004->	4	G4JS		Y-508J	
SORENTO	3.5 V6	3500	2003->	6	G6CU	1.1	IFR5N-10	
SORENTO	3.8 I V6	3800	2006->	6	G6DA	1.1	IFR5G-11	BKR5E-11
SOUL	1.6 I	1600	2009->	4	G4FC	1	LZKR6B-10E	
SOUL	1.6 I	1600	2009->	4	G4FC	1.1	ZFR5F-11	
SOUL	2.0 I	2000	2009->	4	L4	1.1	ZFR5F-11	
SOUL	2.0 I	2000	2013->	4	G4KD	1.1	SILZKR7B-11	
SPECTRA	1.6 LS	1600	2002->	4		0.8	BKR6E	
SPORTAGE	2.0 CDRI	2000	2006->	4	D4EA		Y-749J	
SPORTAGE	2.0 CRDI	2000	2010->	4	D4HA		Y-1003AS	
SPORTAGE	2.0 CVVT	2000	2011->	4	G4KD	1.1	LFR5A-11	
SPORTAGE	2.0 I	2000	1998->	4	NB7	1.1	BKR6E-11	
SPORTAGE	2.0 I	2000	2006->	4	LX 2 L4FI, G4GC	1.1	BKR6ES-11	
SPORTAGE	2.0 LX	2000	2010->	4	G4KD	1.1	LFR5A-11	
SPORTAGE	2.7 V6	2700	2010->	6	G6BA	1.1	IFR5N-10	
SUPER	3.0 TITAN	3000		6	E-3000		Y-107T	
TITAN	2.5 D	2500		4	E-2500		Y-107T	
NIVA	1.7 I	1700	1998->	4	BA3-21214	1.1	BPR6ES-11	
NIVA	1.8 I	1800	1995->	4	BA3-2130	0.8	BPR6ES	BP6ES
LADA								**LADA**
NIVA	1.7 I	1700	1998->	4	BA3-21214	1.1	BPR6ES-11	
NIVA	1.8 I	1800	1995->	4	BA3-2130	0.8	BPR6ES	BP6ES
LAMBORGHINI								**LAMBORGHINI**
GALLARDO	5.0 COUPE	5000	2005->	10	L140	1.1	PFR7G-11	
GALLARDO	5.0 COUPE SUPERLEGGERA	5000	2007->	10	L140	1.1	PFR7G-11	
GALLARDO	5.0 SPYDER	5000	2005->	10	L140	1.1	PFR7G-11	
JALPA	3.5 L	3500	1985->1989	8		0.8	BR8EIX	
LANCIA								**LANCIA**
BETA	2.0 COUPE	2000	1976->1984	4	828CB1A	0.8	BPR7ES	
DELTA HF	2.0 INTEGRALE EVO.	2000	1989->	4		0.8	BPR8ES	
KAPPA	2.0 16V TURBO	2000	1997->2001	4	838 A4000	0.8	BP6ET	BP6ES
KAPPA	3.0 V6 24V	3000	1997->	4	838 B000	0.8	PFR6B	BKR6E
THEMA	2.0 IE 16V	2000	1987->1993	4	834 C1246	0.8	BP6ET	BP6ES
THEMA	2.0 IE T 16V	2000	1992->	4	834 F2000	0.8	BP6ET	BP6ES
THEMA	2.8 V6	2800	1987->1990	6	834 E000	0.8	BP6EFS	BPR6EFS
THEMA	AUG-32	3000	1987->	8	F105L	0.9	DPR8EA-9	



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LAND ROVER								**LAND ROVER**
90,11	90, 110 TD	2500	1983->	4			Y-208T	
COUNTRY	2.5 TD	2500	1989->	4			Y-909R	
DEFENDER	2.5 I	2500	1990->	6		0.8	BPR6ES	BP6ES
DEFENDER	2.5 TDI	2500	1989->1998	4	200,300 GEMINI 1		Y-729U	
DEFENDER	2.5 TDI	2500	1999->2007	4			Y-605J	
DEFENDER	2.8 I	2800	1997->	6	M52	0.8	BKR6EK	
DEFENDER	3.5 I	3500	1990->	8		0.8	BPR5ES	BP5ES
DISCOVERY	2.0 I	2000	1993->	4		0.8	BKR6E	
DISCOVERY	2.5 TD5	2500	1999->	5			Y-924J	
DISCOVERY	2.5 TD5	2500	1999->2004	5	136BHP		Y-605J	
DISCOVERY	2.5 TDI	2500	1989->1999	4	200,300,GEMINI 1		Y-729U	
DISCOVERY	3.5 I V8	3500	1990->	8		0.8	BPR6ES	BP6ES
DISCOVERY	3.9 V8	3900	1991->1993	8		0.8	BPR5ES	BP5ES
DISCOVERY	3.9 I	3900	1994->1999	8		0.8	BKR6E	
DISCOVERY	3.9 I	3900	1999->2000	8		1.1	PFR6N-11	BKR6E-11
DISCOVERY	3.9 I V8	3900	1994->	8		0.8	BPR6ES	BP6ES
DISCOVERY	4.0 I	4000	2002->	8		1.1	PFR6N-11	BKR6E-11
DISCOVERY 3	2.7 TD	2700	2004->	5	TDV6		YE12	
DISCOVERY 3	4.0 I	4000	2003->	6	V6 EFI	1.5	TR55IX	BPR5EFS-13
DISCOVERY 3	4.0 I	4000	2006->	8		1.5	TR55IX	BPR5EFS-13
DISCOVERY 3	4.4 I	4400	2004->2008	8		1	IFR5N-10	
EVOQUE	2.0 SI4	2000	2011->	4	204PT	0.8	ILTR6G-8G	
EVOQUE	2.2 SD4	2200	2011->	4			YE08	
FREELANDER	1.8 I	1800	1998->	4		1.1	PFR6N-11	BKR6E-11
FREELANDER	2.0 I	2000	2001->2001	6	KV6	1.1	PFR6N-11	BKR6E-11
FREELANDER	2.0 TD4	2000	1998->	4	M47D20 BMW		Y-507J	
FREELANDER	2.0 TDI	2000	1997->1998	4	20 T2R		Y-730U	
FREELANDER	2.5 TDI	2500	1998->	5			Y-924J	
FREELANDER	2.5 V6	3000	2000->	6		1.1	PFR6G-11	BKR6E-11
FREELANDER 2	2.0 SI4	2000	2011->	4	204PT	0.8	ILTR6G-8G	
FREELANDER 2	2.2 TD4	2200	2010->	4	DW12BTED4		YE08	
FREELANDER 2	3.2 V6	3200	2006->	6		0.8	ILFR6B	
PICK-UP	2.2 88 SWB	2200	1986->	4		0.8	BPR5ES	BP5ES
PICK-UP	2.5 HARD TOP	2500	1986->1987	4		0.8	BPR6ES	BP6ES
PICK-UP	2.6 111 SERIES	2600	1996->	6	R6	0.8	BPR6ES	BP6ES
PICK-UP	2.6 V6 109 LWB	2600	1992->	6		0.8	BPR6ES	BP6ES
PICK-UP	3.5 V8 HI-LINE SWB	3500	1990->	8		0.8	BPR5ES	BP5ES
PICK-UP	3.5 V8 127 C/CAB	3500	1998->	8		0.8	BPR5ES	BP5ES
PICK-UP	3.5 V8 88 SWB	3500	1995->1996	8		0.8	BPR5ES	BP5ES
PICK-UP	3.5 V8 HARD TOP	3500	1992->	8		0.8	BPR5ES	BP5ES
PICK-UP	3.5 V8110 LWB	3500	1996->1998	8		0.8	BPR5ES	BP5ES
RANGE ROVER	2.5 TDI	2500	1986->1992	4	VM UNIT NOT GEMINI		Y-909R	
RANGE ROVER	2.5 TDI	2500	1986->1994	4	ETC 9091 N		Y-729U	
RANGE ROVER	2.5 TDI	2500	1989->	4	200/300 GEMINI 1		Y-729U	
RANGE ROVER	2.5 TDI	2500	1994->	6	M51 D25 BMW		Y-924J	
RANGE ROVER	2.5 VOGUE TD	2500	1990->1994	4	VM 425 SLIRR		Y-924J	
RANGE ROVER	2.5 VOGUE TD	2500	1990->1994	4	VM HR-492		Y-924J	
RANGE ROVER	3.5 V8	3500	1992->1994	8		0.8	BPR5ES	BP5ES
RANGE ROVER	3.9 SE V8	3900	1996->1998	8		0.8	BPR5ES	BP5ES
RANGE ROVER	3.9 VOGUE V8	3900	1994->1996	8		0.8	BPR5ES	BP5ES
RANGE ROVER	4.0 I	4000	1999->2002	8		1.1	PFR6N-11	BKR6E-11
RANGE ROVER	4.2 I V8	4200	1992->1994	8		0.8	BPR6ES	BP6ES
RANGE ROVER	4.4 I	4400	2002->	8	M62 BMW	0.8	BKR6EQUP	BKR6EQUA
RANGE ROVER	4.6 I	4600	1999->	8		1.1	PFR6N-11	BKR6E-11
RANGE ROVER 3	3.0 TD6	3000	2002->	6	M57 D30 BMW		Y-507J	
RANGE ROVER 4	4.2 I	4200	2005->	8	AJ41	1	IFR5N-10	
RANGE ROVER 4	4.4 I	4400	2005->	8	AJ41	1	IFR5N-10	
RANGE ROVER 4	5.0 SPORT V8	5000	2009->	8	AJ133	1	ILKAR7C-10	
LEXUS								**LEXUS**
CT200	CT200H 1.8 HYB	1800	2011->	4	2ZRFXE	1.1	ILKAR7B-11	LKAR7B-11
ES300	3.0 I	3000	2000->2003	6	2JZ-GE	1.1	BKR6EKPB-11	
ES300	3.0 I	3000	2004->	6	1MZ-FE	1.1	IFR6T-11	BKR6EYA-11
GS250	2.5 EX	2500	2012->	6	4GR-FSE	1.1	DFH6B-11A	
GS300	3.0 I	3000	1993->1999	6	2JZ-GE	1.1	BKR5EP-11	BKR5E-11
GS300	3.0 I	3000	2002->	6	2JZ-GE	1.1	BKR6EKPB-11	
GS300	3.0 I	3000	2005->	6	3GR-FSE	1.1	ILFR6T-11	LFR6C-11,
GS350	3.5 I	3500	2011->	6	2GRFSE	1.1	DFH6B-11A	
GS430	4.3 I	4300	2007->	8	3UZ-FE	1.1	IFR6T-11	BKR6EYA-11
GS450H	3.5 V6, ELECTRIC	3500	2010->	6	2GR-FSE	1.1	DFH6B-11A	
IS F	5.0 I	5000	2010->	8	2UR-GSE	1.1	DFH6B-11A	



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Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval
LEXUS								**LEXUS**
IS200	2.0 I	2000	1998->	6	1G-FE	1.1	IFR6T-11	BKR6EYA-11
IS250	2.5 I	2500	2006->	6	4GR-FSE	1	DFH6B-11A	
IS300	3.0 I	3000	2002->	6	2JZ-GE	1.1	BKR6EKPB-11	
IS350	3.5 I	3500	2011->	6	2GR-FSE	1.1	DFH6B-11A	
LS400	4.0 I	4000	1990->1997	8	1UAZ-FE	1.1	BKR5EP-11	BKR5E-11
LS400	4.0 I	4000	2000->	8	1UZ-FE	1.1	IFR6T-11	BKR6EYA-11
LS430	4.3 I	4300	2000->	8	3UZ-FE	1.1	IFR6T-11	BKR6EYA-11
LS460	4.6 I	4600	2006->	8	1UR-FE	1.1	ILFR6T-11	
LS460	4.6 I	4600	2006->2009	8	1UR-FSE	1	ILZKAR7A-10	LZKAR7A
LS460	4.6 I	4600	2010->	8	1UR-FSE	1.1	DFH6B-11A	
LS600H	5.0 ELECTRIC, GAS	5000	2010->	8	2UR-SFE	1.1	DFH6B-11A	
LX470	4.7 V8	4700	2000->	8	2UZ-FE TWC	1.1	IFR6T-11	BKR6EYA-11
LX570	5.7 V8	5700	2009->	8	3UR-FE FI	1.1	ILFR6T-11	LFR6C-11,
RX300	3.0 V6	3000	2000->2006	6	1MZ-FE	1.1	IFR6T-11	BKR6EYA-11
RX300	3.3 V6	3300	2004->2006	6	3MZ-FE	1.1	IFR6T-11	BKR6EYA-11
RX330	3.0 V6	3000	2004->	6	1MZ-FE	1.1	IFR6T-11	BKR6EYA-11
RX330	3.3 V6	3300	2004->	6	3MZ-FE	1.1	IFR6T-11	BKR6EYA-11
RX350	3.5 V6	3500	2010->	6	2GR-FE	1.1	LFR6AIX-11	LFR6A-11
RX400H	3.3 V6	3300	2005->	6	3MZ-FE	1.1	IFR6T-11	BKR6EYA-11
RX450H	3.5 V6	3500	2010->	6	2GR-FXE	1.1	LFR6AIX-11	LFR6A-11
SC430	4.3 I	4300	2007->	8	3UZ-FE	1.1	IFR6T-11	BKR6EYA-11
LEYLAND								**LEYLAND**
MINI	1275 E	1300	1980->1984	4		0.8	BPR6ES	BP6ES
MINI	1275 MOKE	1275	1991->	4		0.8	BPR6ES	BP6ES
LOTUS								**LOTUS**
ELAN SE	1.6 FI	1600	1990->	4		1.1	BKR6E-11	
ELAN SE	1.6 TURBO	1600	1990->	4		0.8	BKR6E	
ELISE	1.8 111S	1800	2005->	4	2ZZ-GE	1.1	IFR6T-11	BKR6EYA-11
ELISE	1.8 FI K SERIES	1800	2005->	4		1.1	PFR6N-11	BKR6E-11
ESPRIT	2.0 S3	2200	1985->	4	912	0.8	BPR6ES	BP6ES
ESPRIT	2.2 TURBO HC	2200	1986->	4	910	0.8	BPR6ES	BP6ES
ESPRIT	3.5 LX V8	3500	1996->	8	918	0.7	BKR6EK	
EXCEL	2.2 S	2200	1983->	4	912	0.8	BPR6ES	BP6ES
EXCEL	2.2 SA, SE	2200	1986->	4	912S	0.8	BPR7ES	
EXIGE	1.8 16V	1800	2001->	4		0.8	BCPR7E	
EXIGE	1.8 16V SUPERCHARGED	1800	2006->	4		1.1	PFR7G-11	
MAHINDRA								**MAHINDRA**
BOLERO	2.5 D	2500	2006->	4	DR54		Y-503J	
BOLERO	2.6 TD	2600	2006->	4			Y-503J	
SCORPIO	2.0 I	2000	2006->	4	F4R	1.1	PFR6G-11	BKR6E-11
SCORPIO	2.5 TD	2500	2006->	4	XD3P		Y-503J	
MANDARIN								**MANDARIN**
SOYAT	2.0 I	2000	2007->	4	3Y	0.8	BPR5ES	BP5ES
MASERATI								**MASERATI**
222	2.0 L	2000	1989->	4	AM 471	0.8	BPR7ES	
222	2.8 IE COUPE	2800	1998->1992	6	V690 SOHC	0.7	DCPR7E	
228	2.8 TURBO	2800	1988->1989	6	AM 473	0.8	BPR7ES	
228	2.8 TURBO	2800	1990->	6		0.7	DCPR7E	
422	2.0 I	2000	1988->	6	AM471	0.8	BPR7ES	
425	2.5 I 18V V6	2500	1988->	6	DOHC	0.8	BPR8EIX	BPR8ES
430	2.8 LX	2800	1988->	6	AM473	0.8	BPR7ES	
BI TURBO	2.5 SPYDER 8889 18V V6	2500	1988->	6	DOHC	0.8	BPR8EIX	BPR8ES
BI TURBO 11	2.5 COUPE 18V V6	2500	1988->	6	DOHC	0.8	BPR8EIX	BPR8ES
COUPE GT	4.2 GT	4200	2003->	8	F136R	0.7	PMR8B	
GHIBLI S	3.0 T	3000	2013->	6		0.6	SILKAR8C-6DG	
GHILBLI	2.0 SPORT	2000	1992->	6	AM496	0.8	DCPR9E	
GRANSPORT	4.2 I	4200	2004->	8	F136S	0.7	PMR8B	
QUATTROPORTE	2.0 L 20V	2000	1993->	6	DH	0.8	DCPR9E	
QUATTROPORTE	2.8 LX	2800	1988->	8	AM473	0.8	BPR7ES	
QUATTROPORTE	4.2I	4200	2003->	8	F136S	0.8	PMR8B	
SPYDER	2.0 L	2000	1985->1987	4	452	0.8	BPR7ES	
SPYDER	2.8 R V6	2800	1990->	6	SOHC	0.7	DCPR7E	
SPYDER	4.2 V8	4200	2003->	8	F136R	0.7	PMR8B	



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Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval
MAYBACH								**MAYBACH**
285.95	5.5 I V12 TURBO	5500	2006->	12		0.8	IFR6Q-G	
285.98	5.7 I V12 TURBO	5700	2006->	12		0.8	IFR6Q-G	
57,62	5.5 I	5500	2003->	12	M285.950	0.8	IFR6Q-G	
S	6.0 I	6000	2005->	12	M285.980	0.8	IFR6Q-G	
MAZDA								**MAZDA**
130	1.6 STING , HATCH	1300	1991->	4	B3	0.8	BPR5ES	BP5ES
160	1.6 L	1600		4	F6	0.8	BPR5ES	BP5ES
160	1.6 STING , HATCH	1600	1991->	4	F6	0.8	BPR6ES	BP6ES
323	1.3 L,S	1300	1981->1991	4	E3 + B3	0.8	BPR5ES	BP5ES
323	1.3 S MIDGE, STING, HATCH	1300	1991->	4	B3	0.8	BPR5ES	BP5ES
323	1.4 GLC	1400	1979->1981	4	B3	0.8	BPR6ES	BP6ES
323	1.5 GLC, SL HATCH	1500	1981->1988	4	E5	0.8	BPR5ES	BP5ES
323	1.5 SL	1500	1985->1988	4	B5	0.8	BPR6ES	BP6ES
323	1.6 EGI	1600	1985->1988	4	B6	0.8	BPR6ES	BP6ES
323	1.6 I MIDGE, STING	1600	1991->	4	B6/F6	0.8	BPR6ES	BP6ES
323	2.0 E 8V	2000	1991->1995	4	FE	0.8	BPR5ES	BP5ES
323	2.0 EGI,SLI	2000	1989->1991	4	FE	0.8	BPR6ES	BP6ES
323	2.0 I 16V EGI DOHC	2000	1991->1994	4	FE T/C	0.8	BCPR6ES	BCP6ES
323	2.0 SLE	2000	1989->1991	4	FE	0.8	BPR5ES	BP5ES
626	1.6 L,S	1600	1983->1989	4	F6	0.8	BPR6ES	BP6ES
626	1.8 L	1800	1989->1992	4	F8	0.8	BPR5ES	BP5ES
626	2.0 16V SLI DOHC	2000	1989->1992	4	FE	0.8	BCPR6E	
626	2.0 EGI	2000		4	FE	0.8	BPR6ES	BP6ES
626	2.0 I	2000	2000->	4	FS	1.1	PZFR6F-11	ZFR6F-11
626	2.0 I	2000	2000->	4	FS	1.1	PZFR6F-11	ZFR6F-11
626	2.0 I 16V	2000	1993->1996	4	FS	1.1	BKR6E-11	
626	2.0 I V6	2000	1993->1996	6	KF	0.8	BKR6E	
626	2.0 SL	2000	1989->1992	4	FE	0.8	BPR5ES	BP5ES
626	2.0 SLE 12V	2000	1990->1991	4	FE	0.8	BKR6E	
626	2.0 SLI 8V SOHC	2000	1987->1989	4	FE	0.8	BPR6ES	BP6ES
626	2.5 I V6	2500	1993->1996	6	KL	1.1	BKR6E-11	
ASTINA	1.8 SE 16V	1800	1995->1999	4	BPD	0.8	BKR5E	
B1600	1.6 E	1600	1971->1991	4	F6	0.8	BPR5ES	BP5ES
B1800	1.8 L	1800	1991->1996	4	VC, F8	0.8	BPR5ES	BP5ES
B2000	2.0 D	2000	1997->2002	4	WLT		Y-701J	
B2000	2.0 L	2000	1986->1991	4	FE	0.8	BPR5ES	BP5ES
B2000	2.0 S	2000	1982->1986	4	MA	0.8	BPR5ES	BP5ES
B2200	2.2 D	2200	1984->1990	4	S2		Y-107T	
B2200	2.2 D	2200	1986->1998	4	R2		Y-107-R	
B2200	2.2 I 12V	2200	1991->2000	4	F2	0.8	BKR6E	
B2300	2.3 I	2300	2009->	4	L4	1.3	ITR6F-13	BPR6EF-13
B2500	2.5 D	2500	1997->2001	4	WL		Y-701J	
B2500	2.5 D TURBO	2500	1999->2001	4	WL		Y-701J	
B2600	2.6 4 X 4	2600	1988->1995	4	4G54	0.8	BPR5ES	BP5ES
B2600	2.6 CARB	2600	1990->1992	4	AM	0.8	BKR6E	
B2600	2.6 LE	2600	1990->	4	G6	1.1	ZFR5F-11	
B3000	3.0 MAGNUM	3000	1994->1996	6	ESSEX	0.8	BPR7ES	
B3400	3.4 I	3400	1997->	6	ESSEX	1.1	BPR7ES-11	
B4000	4.0 I V6	4000	2009->	8		1.5	TR55IX	BPR5EFS-13
BT-50	2.5 D	2500	2006->	4	WLAA		Y-526J1	
BT-50	2.6 I	2600	2007->	4	G6	1.1	ZFR5F-11	
BT-50	3.0 CDVI	3000	2006->	4	WEAT		Y-526J1	
CX-5	2.0 I	2000	2012->	4	PE-VPS	1.1	ILKAR7L11	
CX-5	2.0 I SKYACTIVE	2000	2011->	4	PEY6	1.1	ILKAR7L11	
CX-5	2.2 DE SPORT	2200	2012->	4	SH		CZ163	
CX-5	2.2 TD	2200	2012->	4	SH-VPTS		CZ163	
CX-5	2.2 TDI	2200	2013->	4			CZ163	
CX-5	2.5 I	2500	2014->	4	PY	1.1	ILKAR7L11	
CX-7	2.3 I TURBO	2300	2007->	4	MZR DISI	0.8	ILTR6A-8G	
DRIFTER	1.8 E	1800	2000->	4	F8	0.8	BPR5ES	BP5ES
DRIFTER	2.2 S	2200	2000->	4	F2	0.8	BKR6E	
DRIFTER	2.5 D	2500	2005->	4			Y-701J	
DRIFTER	2.6 12V	2600	2000->	4	G63	0.8	BKR5E	
E2200	2.2 D	2200	1983->	4	F2		Y-107-R	
E2200	2.2 D	2200	1993->	4	R2		Y-107-R	
E3000	3.0 H	3000	1993->	4	L4DE		Y-721RS	
E3000	3.0 L	3000	1993->	4	VS		Y-721RS	
ETUDE	180 SE 16V	1800	1995->	4	BPD	0.8	BKR5E	
ETUDE	1.6 E 16V	1600	1995->	4	B6D	0.8	BKR5E	
ETUDE	1.6 IE	1600	2000->	4	ZM	1.1	ZFR5F-11	



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Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval
MAZDA								**MAZDA**
ETUDE	1.8 ISE	1800	2000->	4	FP	1.1	BKR5E-11	
F1000	1.0 LCV	1000		4		0.8	BPR6ES	BP6ES
F1300	1.3 LCV	1300		4		0.8	BPR6ES	BP6ES
MARATHON	2.2 BUS	2200	1996->	4	F2	0.8	BPR5ES	BP5ES
MARATHON	2.2 B	2200	1991->	4	F2	0.8	BPR5ES	BP5ES
MAZDA 2	1.3 I	1300	2007->	4	ZJ-VE	1.1	IFR5E-11	BKR5E-11
MAZDA 2	1.4 I	1400	2007->	4	ZJ-VEM	1.1	IFR5E-11	BKR5E-11
MAZDA 2	1.5 DE	1500	2015->	4	S5		CZ165	
MAZDA 2	1.5 I	1500	2007->	4	ZY-VE	1.1	IFR5E-11	BKR5E-11
MAZDA 3	1.6 I	1600	2004->2009	4	Z601/ 627	1.1	IFR5E-11	BKR5E-11
MAZDA 3	2.0 I	2000	2004->2009	4	LF-DE	1.3	ITR6F-13	BPR6EF-13
MAZDA 3	2.0 I	2000	2010->2012	4	LA	1.3	ILTR5A-13G	
MAZDA 3	2.0 I	2000	2013->	4	PEY7	1.1	ILKAR7L11	
MAZDA 3	2.3 I	2300	2005->	4	SP23 L4	1.3	ITR6F-13	BPR6EF-13
MAZDA 3	2.3 I	2300	2006->	4	L4,FI	1.3	ILTR5A-13G	
MAZDA 3	2.3 MPS	2300	2007->	4	DISI	0.8	ILTR6A-8G	
MAZDA 3	2.5 S	2500	2010->	4	LA	1.3	ILTR5A-13G	
MAZDA 5	2.0 DI	2000	2005->2010	4	RF7J		Y-529J	
MAZDA 5	2.0 I	2000	2005->	4	LF-VE	1.3	ILTR5A-13G	
MAZDA 5	2.0 I	2000	2005->	4	MZR-LF	1.3	ITR6F-13	BPR6EF-13
MAZDA 5	2.0 I	2000	2010->	4	LZFB	1.3	ILTR6A-13G	
MAZDA 6	2.0 I	2000	2003->2005	4	LF-DE	1.3	ITR6F-13	BPR6EF-13
MAZDA 6	2.0 I	2000	2007->	4	LF-VE	1.3	ILTR5A-13G	
MAZDA 6	2.2 TDI	2200	2013->	4	SH		CZ163	
MAZDA 6	2.3 I	2300	2003->2005	4	L3-VE	1.3	ITR6F-13	BPR6EF-13
MAZDA 6	2.3 I	2300	2008->	4	L3-VE	1.3	ILTR5A-13G	
MAZDA 6	2.3 MPS	2300	2007->	4	DISI	0.8	ILTR6A-8G	
MAZDA 6	2.5 I	2500	2008->	4	S-VT	1.3	ILTR5A-13G	
MAZDA 6	2.5 I	2500	2009->	4	L5-VE	1.3	ITR6F-13	BPR6EF-13
MAZDA 6	2.5 I	2500	2014->	4	PYY1	1.1	ILKAR7L11	
MPV	2.0 D	2000	1997->2002	4	WLT		Y-701J	
MX-5	1.6 I	1600	1990->1993	4	B6	1.1	BKR6E-11	
MX-5	1.8 I	1800	2001->2005	4	BPZE	1.1	BKR5E-11	
MX-5	1.8 I	1800	2006->	4		1.3	ITR6F-13	BPR6EF-13
MX-5	2.0 I	2000	2006->	4	LF-VE	1.3	ILTR6A-13G	
MX-5	2.0 MIATA	2000	2006->2009	4	FI	1.3	ILTR6A-13G	
MX-6	2.5 I V6	2500	1993->1998	6	KL	1.1	BKR6E-11	
RANGER	2.2 D	2200		4	S2		Y-107T	
RUSTLER	1.3 L	1300	1994->2002	4	KENT, B3	0.8	BPR6ES	BP6ES
RUSTLER	1.4 S	1400	1986->1993	4	CVH	0.8	BCP6ES	BCPR6ES
RUSTLER	1.6 I	1600	1994->	4	B6	0.8	BPR6ES	BP6ES
RUSTLER	1.6 L	1600	1986->1991	4	CVH	0.8	BCP6ES	BCPR6ES
RX-7	FB				12A	0.8	BR8EG	
RX-7	ROTARY				13B	0.8	BR10EG	
RX-7	TURBO		1990->		RE13B	1	BUR9EQ	
RX-7	TWIN TURBO				13B-REV	1	BUR9EQ	
RX-8	2.6 I		2003->		13B-MSP	0.8	RE8C-L + RE9B-T	
RX-8 SPORT	2.6 I		2003->			0.8	RE8C-L + RE9B-T	
SOHO	1.3 121	1300	1997->1998	4	HCS ENDURA	0.8	BPR6EFS	
SOHO	1.4 121	1400	1998->	4	CVH	0.8	BCPR6ES	BCP6ES
T2000	2.0 LCV	2000	1981->1985	4	VA	0.8	BPR6ES	BP6ES
MEIYA								**MEIYA**
PICK-UP	2.2 I	2200	2007->	4	4Y	0.8	BPR5EY	
PICK-UP	2.2 I	2200	2008->	4		0.8	BPR6ES	BP6ES
PICK-UP	2.8 TD	2800	2007->	4	4JB1		Y-904M1	
MERCEDES BENZ								**MERCEDES BENZ**
190	W201	1800	1990->1993	4	M102.910	0.8	BP6EFS	BPR6EFS
190	W201	2000	1985->1994	4	M102.962	0.8	BP6EFS	BPR6EFS
190	W201	2300	1993->1994	4	M102.985	0.8	BP6EFS	BPR6EFS
190	W201	2500	1989->1993	5	M 602.961		Y-916J	
200	W123	2000	1981->1986	4	M102.920	0.8	BP6EFS	BPR6EFS
200	W124	2000	1986->1990	4	M102.922	0.8	BP6EFS	BPR6EFS
200 D,TD	W124	2000	1984->1989	4	M 601.912		Y-924J	
200E	W124	2000	1990->1993	4	M102.963	0.8	BP6EFS	BPR6EFS
200E,CE,TE	W124	2000	1990->1993	4	M111.940	0.8	BCP6ET	BCP6ES
200T	W123	2000	1990->	4	M102.920	0.8	BP6EFS	BPR6EFS
207 D	2.4 D	2400	1982->1988	4	M 616.		Y-924J	
209 D	3.0 D	3000	1982->1988	4	M 617.		Y-924J	



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MERCEDES BENZ								**MERCEDES BENZ**
220E,CE,TE	W124	2200	1992->1993	4	M111.960	0.8	BCP6ET	BCP6ES
230	W123	2300	1977->	4	M102.115	0.8	BPR5ES	BP5ES
230E,TE,CE	W123	2300	1981->1986	4	M102.980	0.8	BP6EFS	BPR6EFS
230E,TE,CE	W124	2300	1986->1993	4	M102.982	0.8	BP6EFS	BPR6EFS
240 D,TD	W123	2400	1980->1984	4	M 616.912		Y-924J	
250	W123	2500	1977->1980	6	M123.920	0.8	BPR5ES	BP5ES
250 DT	W124	2500	1988->1989	5	OM 602.962		Y-924J	
250 D,TD	W124	2500	1985->1989	5	OM 602.912		Y-924J	
250 GD	W460	2500	1987->1989	5	OM 602.930		Y-924J	
260E	W124	2600	1986->1992	6	M103.940	0.8	BP6EFS	BPR6EFS
280E, CE	W123	2800	1977->1986	6	M110.984	0.8	BPR6ES	BP6ES
280E,TE	W124	2800	1993->1995	6	M104.942	0.8	BCP6ET	BCP6ES
280S	W116	2800	1973->1981	6	M110.922	0.8	BPR6ES	BP6ES
280SE	W116	2800	1973->1981	6	M110.983	0.8	BPR6ES	BP6ES
280SE	W126	2800	1987->	6	M110.989	0.8	BPR6ES	BP6ES
280SL	W107	2800	1990->	6	M110.990	0.8	BPR6ES	BP6ES
280TE	W123	2800	1990->	6	M110.984	0.8	BPR6ES	BP6ES
300 D	W123	3000	1980->1981	6	OM 617.912		Y-924J	
300 D	W124	3000	1986->1989	6	OM 603.913		Y-924J	
300 D	W126 TD	3000	1985->1987	6	OM 603.961		Y-924J	
300E	W124	3000	1987->1993	6	M103.983	0.8	BP6EFS	BPR6EFS
300SE	W126	3000	1986->1992	6	M103.981	0.8	BP6EFS	BPR6EFS
320E	W124	3200	1993->	6	M104.992	0.8	BCP6ET	BCP6ES
350SE	W116	3500	1972->1976	8	M116.983	0.8	BPR6ES	BP6ES
350SE	W116	3500	1976->1980	8	M116.983	0.8	BPR6ES	BP6ES
380SE	W126	3800	1979->1985	8	M116.963	0.8	BPR6ES	BP6ES
420SE	W126	4200	1986->1989	8	M116.965	0.8	BPR6ES	BP6ES
450SL	W116	4500	1977->1980	8	M117.982	0.8	BPR6ES	BP6ES
450SLC	W116	4500	1977->1980	8	M117.982	0.8	BPR6ES	BP6ES
500SE	W126	5000	1989->1992	8	M117.941,963,965	0.8	BPR6ES	BP6ES
500SL	W129	5000	1992->1993	8	M119.972	0.8	BCP6ET	BCP6ES
600SEL	W140	6000	1991->1993	12	M120.980	0.8	BCP6ET	BCP6ES
A160	W168 CLASSIC	1600	2000->	4	M166.960	1	BKUR6ET-10	
A170	W168 CDI	1700	2002->	4	OM 668.942		Y-746J	
A170	W169	1700	2005->	4	M 266.940	0.8	BKR6EZB	
A180	1.6 T	1800	2012->	4	M270	0.7	SILZKFR8D7S	
A180	W169 CDI	1800	2004->	4	M640.940		Y-8002AS	
A180	W176 CDI	1800	2012->	4	OM651.901		CZ303	
A190	W168 ELEGANCE	1900	1999->	4	M166.990	1	BKUR6ET-10	
A200	W169	2000	2004->2011	4	M266.960	0.8	BKR6EZB	
A200	W176 CDI	1600	2014->	4	OM651.930		CZ551	
A200	W176 CDI	2000	2011->	4	OM651.901		CZ303	
A210	W168	2000	2002->	4	M166.995	1	BKUR5ETC-10	
A220	W176 CDI	2200	2012->	47	OM651.930		CZ303	
A220	W176 CDI	2200	2014->	4	OM651.930		CZ551	
A45 AMG	2.0 T	2000	2013->	4	M133.980	0.7	SILZKFR8E7S	
B 200	W245	2000	2005->	4	M266.960	0.8	BKR6EZB	
B 200	W245 CDI	2000	2005->2007	4	OM640.941		Y-8002AS	
B 200	W245 CDI	2000	2007->2011	4	OM640.941		Y-8002AS	
B150	W245	1500	2005->	4	M266.920	0.8	BKR6EZB	
B170	W245	1700	2005->	4	M266.940	0.8	BKR6EZB	
B180	W245	1800	2008->	4	M266.960	0.8	BKR6EZB	
B180	W245 CDI	1800	2005->2007	4	OM640.940		Y-8002AS	
B180	W245 CDI	1800	2005->2007	4	OM640.940		Y-8002AS	
B180	W246 CDI	1800	2011->	4	OM651.901		CZ303	
B200	W245	2000	2011->	4	M266.980	1	IFR6D-10	
B200	W246 CDI	2000	2011->	4	OM651.901		CZ303	
C180	W202	1800	1994->2000	4	M111.920	0.8	BCP6E	BCPR6E
C180	W202 D	1800	1998->2000	4	OM 604.		Y-925J	
C180	W203	2000	2001->	4	M111.951	1	IFR6D-10	
C180	W203 KOMPRESSOR	1800	2003->2006	4	M271.940	0.8	ILFR6A	LFR6A-11
C180	W203 KOMPRESSOR	1800	2006->	4	M271.940	0.8	PLKR7B-8E	
C180	W204 CGI	1800	2007->	4	M271.820	0.8	PLKR7B-8E	
C180	W204 KOMPRESSOR	1600	2008->	4	M271.910	0.8	PLKR7A	
C200	W202	2000	1996->2000	4	M111.941	0.8	BCPR6E	
C200	W203 KOMPRESSOR	1800	2006->	4	M271.942	0.8	PLKR7B-8E	
C200	W203 KOMPRESSOR	2000	2000->	4	M111.920,955	1	IFR6D-10	
C200	W203 KOMPRESSOR	1800	2003->2006	4	M271.942	0.8	ILFR6A	LFR6A-11
C200	W204 CGI KOMPRESSOR	1800	2007->	4	M271.950	0.8	PLKR7B-8E	
C200	W204 CDI	2200	2007->	4	OM646.812		CZ106	
C220	W202	2200	1994->1997	4	M111.961	0.8	BCP6E	BCPR6E
C220	W203 CDI	2200	2002->	4	M611.960,961,962		Y-745U	



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Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval
MERCEDES BENZ								**MERCEDES BENZ**
C220	W204 CDI	2200	2007->	4	OM646.811		CZ106	
C220	W204 CDI	2200	2008->	4	OM651.911		CZ303	
C230	W 203	2500	2004->	6	M272.920	0.8	PLKR7A	
C230	W202 C230	2300	1996->1998	4	M111.974	0.8	BCP6E	BCPR6E
C230	W202 C230K SPORTS-COUPE	2300	1996->2000	4	M111.975	1	BKUR6ET-10	
C230	W203 C230	1800	2004->	4	M271.948	0.8	ILFR6A	LFR6A-11
C230	W203 C230K KOMPRESSOR	2300	2001->2002	4	M111.981	1	IFR6D-10	
C230	W204 C230K	2500	2007->	6	M272.911,M272.921	0.8	PLKR7A	
C240	W202 V6 ELEGANCE	2400	1998->2000	6	M112.910	1.1	IFR5D-10	BKR5E-11
C240	W203 V6 ELEGANCE	2600	2001->2005	6	M112.912	1.1	IFR5D-10	BKR5E-11
C250	W202 D	2500	1995->1998	5	OM 605.910		Y-925J	
C250	W202 TD	2500	1996->2000	5	OM 605.960		Y-925J	
C250	W204	2200	2008->2010	4	M651.911		CZ303	
C250	W204 CDI	2500	2011->	4	OM651.912		CZ303	
C250	W204 CGI	1800	2009->	4	M271.860	0.8	PLKR7B-8E	
C250	W205 BLUETEC	2000	2014->	4	OM651.921		CZ551	
C270	W203 CDI	2700	2000->	5	OM 612.962		Y-745U	
C280	W202	2800	1994->1997	6	M104.901	0.8	BCP6E	BCPR6E
C280	W202	2800	1994->2000	6	M112.920	1.1	PFR5J-11	BKR5E-11
C280	W203	3000	2007->	6	M272.941	0.8	PLKR7A	
C280	W204	3000	2007->	6	M272.947,M272.948	0.8	PLKR7A	
C32	W203 AMG	3200	2000->	6	M112.961	1	IFR6D-10	
C320	W203	3200	2001->2005	6	OM112.946	1.1	IFR5D-10	BKR5E-11
C320	W203 CDI	3000	2004->2007	6	OM642.910		Y-8002AS	
C320	W204 CDI	3000	2007->	6	OM642.961		Y-8002AS	
C350	W203	3500	2005->	6	M272.960,970	0.8	PLKR7A	
C350	W204 CDI	3000	2009->	6	OM642.960/961		Y-8002AS	
C350	W204 CDI	3000	2009->2010	6	OM642.830		CZ303	
C350	W204 CDI	3000	2009->2010	6	OM642.832		CZ303	
C350	W204 CGI	3500	2008->	6	M272.982	0.8	SILZKR7A-S	
C55	W203 AMG TWIN SPARK	5400	2004->	8	M113.988	1	IFR6D-10	
C63	W204 AMG	6300	2007->	8	M156.985	1	ILZKAR7A-10	
CL500	W215	5000	2000->	8	M113.960	1.1	PFR5R-11	BKR5E-11,
CL500	W216	5500	2006->	8	M273.961	0.8	PLKR7A	
CL55	W215 AMG	5500	2001->	8	M113.986	1.1	PFR5R-11	BKR5E-11,
CL55	W215 AMG KOMPRESSOR	5500	2001->	8	M113.991	0.8	ILFR6A	LFR6A-11
CL600	W140	6000	2000->	12	M120.982	1.1	PFR5R-11	BKR5E-11,
CL600	W216 TWIN SPARK	6000	2006->	12	M275.953	0.8	IFR6Q-G	
CL63	W216 AMG	6300	2006->	8	M156.984	1	ILZKAR7A-10	LZKAR7A
CL65	W215 AMG	6000	2003->	12	M275.980	0.8	IFR6Q-G	
CL65	W216 AMG	6000	2007->	12	M275.982	0.8	IFR6Q-G	
CLA220	W117 CDI	2200	2013->	4	OM651.930		CZ303	
CLA220	W117 CDI	2200	2014->	4	OM651.930		CZ551	
CLA45AMG	W 117 AMG	2000	2013->	4	M133.980	0.7	SILZKFR8E7S	
CLC 180	W203 KOMPRESSOR	1800	2008->	4	M271.946	0.8	ILFR6A	LFR6A-11
CLC 230	W203	2500	2008->	6	M272.920	0.8	PLKR7A	
CLC 350	W203	3500	2008->	6	M272.960	0.8	PLKR7A	
CLK220	W209	2200	2005->	4	OM646.966		Y-745U	
CLK230	W208 KOMPRESSOR	2300	1998->2000	4	M111.973	1	BKUR6ET-10	
CLK230	W208 KOMPRESSOR	2300	2000->2002	4	M111.982	1	IFR6D-10	
CLK320	W208 COUPE	3200	1998->2002	6	M112.940	1.1	PFR5R-11	BKR5E-11,
CLK320	W209	3200	2003->	6	M112.955	1.1	PFR5R-11	BKR5E-11,
CLK320	W209 CDI	3000	2005->	6	OM642.910		Y-8002AS	
CLK350	W209	3500	2006->	6	M272.960	0.8	PLKR7A	
CLK430	W208 ELEGANCE	4300	2000->	8	M113.943	1.1	IFR5D-10	BKR5E-11
CLK500	W209	5000	2002->	8	M113.968	1.1	PFR5J-11	BKR5E-11
CLK500	W209	5000	2002->	8	M113.968	1.1	PFR5R-11	BKR5E-11,
CLK500	W209	5500	2006->	8	M273.967	0.8	PLKR7A	
CLK55	W208 AMG	5500	1993->2002	8	M113.980	1.1	PFR5R-11	BKR5E-11,
CLK55	W209 AMG	5400	2002->	8	M113.987	1	IFR6D-10	
CLK63	W209	6300	2006->2006	8	M156.982	1	ILZKAR7A-10	
CLK63	W209	6300	2007->	8	M156.982	1	ILZKAR7A-10	
CLS250	W218 CDI	2100	2010->	4	OM651.924		CZ303	
CLS250	W218 CDI	2200	2014->	4	OM651.924		CZ551	
CLS320	W219	3000	2005->	6	OM642.920		Y-8002AS	
CLS350	W218 CDI	3000	2014->	6	OM642.853		CZ551	
CLS350	W219	3500	2004->	6	M272.964	0.8	PLKR7A	
CLS350	W219 CGI	3500	2006->	6	M272.985	0.8	SILZKR7A-S	
CLS500	W219	5000	2006->	8	M113.967	1.1	PFR5J-11	BKR5E-11
CLS500	W219	5000	2006->	8	M273.960	0.8	PLKR7A	
CLS55	W219	5500	2006->	8	M113.990	0.8	ILFR6A	LFR6A-11
CLS63	W219 AMG	6300	2006->	8	M156.983	1	ILZKAR7A-10	



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MERCEDES BENZ								**MERCEDES BENZ**
E200	W124	2000	1993->1995	4	M111.940	0.8	BCP6E	BCPR6E
E200	W210 KOMPRESSOR	2000	2001->2003	4	M111.957	1	IFR6D-10	
E200	W211 KOMPRESSOR	1800	2006->	4	M271.956	0.8	PLKR7B-8E	
E200	W211 KOMPRESSOR	1800	2006->2006	4	M271.956	0.8	ILFR6A	LFR6A-11
E200	W211 KOMPRESSOR	1800	2002->2006	4	M271.941	0.8	PLKR7B-8E	
E200	W212 CDI	2200	2009->	4	OM651.925		CZ303	
E200	W212 CDI BLUE EFFICIENCY	2200	2009->	4	OM651.925		CZ303	
E200	W212 CGI	1800	2009->	4	M271.820	0.8	PLKR7B-8E	
E220	W124	2200	1993->1996	4	M111.960	0.8	BCP6E	BCPR6E
E220	W211CDI	2200	2003->	4	OM646.961		Y-745U	
E220	W212 CDI	2200	2009->	4	OM651.924		CZ303	
E220	W212 CDI BLUE EFFICIENCY	2200	2009->	4	OM651.924		CZ303	
E230	W210	2300	1996->1998	4	M111.970	0.8	BCP6E	BCPR6E
E240	W210	2600	2000->2003	6	M112.914	1.1	IFR5D-10	BKR5E-11
E240	W210 ELEGANCE	2400	1997->1999	6	M112.911	1.1	IFR5D-10	BKR5E-11
E240	W211	2600	2003->	6	M112.917	1.1	IFR5D-10	BKR5E-11
E240	W211 V6	2600	2001->	6	M112.913	1.1	IFR5D-10	BKR5E-11
E250	W212 BLUE EFFICIENCY	2200	2009->	4	OM651.924		CZ303	
E250	W212 CGI	1800	2009->	4	M271.860	0.8	PLKR7B-8E	
E270	W210 CDI	2700	1999->	5	M612.961		Y-745U	
E270	W211CDI	2700	2001->	5	M647.961		Y-745U	
E280	W124,W210	2800	1995->1997	6	M104.945	0.8	BCP6E	BCPR6E
E280	W210	2800	1997->	6	M112.921	1.1	IFR5D-10	BKR5E-11
E280	W211	3000	2005->	6	M642.921		Y-8002AS	
E280	W211	3000	2006->	6	M272.944	0.8	PLKR7A	
E280	W211	3200	2004->	6	M648.961		Y-745U	
E300	W124	3000	1993->1997	6	M104.980	0.8	BCP6ES	BCPR6ES
E300	W211 CDI	3000	2008->	6	OM642.920		CZ303	
E320	W124,W210	3200	1993->1997	6	M104.992	0.8	BCP6E	BCPR6E
E320	W210	3200	1996->1997	6	M112.941	1.1	IFR5D-10	BKR5E-11
E320	W210 CDI	3200	1999->	6	M 613.961		Y-745U	
E320	W211	3000	2005->	6	M642.920		Y-8002AS	
E320	W211	3200	2002->	6	M112.949	1	IFR6D-10	
E320	W211 CDI	3200	2005->	6	M648.961		Y-745U	
E350	W211	3500	2004->	6	M272.964	0.8	PLKR7A	
E350	W211 4 MATIC	3500	2004->	6	OM272.972	0.8	PLKR7A	
E350	W211 CGI	3500	2008->	6	M272.985	0.8	SILZKR7A-S	
E350	W212 BLUE EFFICIENCY	3500	2009->	6	OM272.983	0.8	SILZKR7A-S	
E350	W212 CDI BLUE EFFICIENCY	3000	2009->2010	6	OM642.850		CZ303	
E350	W212 CDI BLUE TECH	3000	2009->2010	6	OM 642.850		CZ303	
E350	W218 CDI	3000	2014->	6	OM651.924		CZ551	
E420	W211 CDI	4000	2005->	8	OM629.910		Y-8002AS	
E430	W210 ELEGANCE	4300	1998->2003	8	M113.940	1.1	IFR5D-10	BKR5E-11
E500	W211	5000	2002->	8	M113.967	1.1	PFR5R-11	BKR5E-11,
E500	W211	5500	2006->	8	M273.960,2	0.8	PLKR7A	
E500	W212	5000	2009->	8	OM273.971	0.8	PLKR7A	
E55	W211 AMG	5500	2002->	8	M113.990	0.8	ILFR6A	LFR6A-11
E63	W211 AMG	6300	2006->	8	M156.983	1	ILZKAR7A-10	LZKAR7A
G270	W461 2.7 D	2700	2001->	5	OM612.965		Y-745U	
G290	W461 2.9 D	2900	1993->	6	OM 602.942/947		Y-916J	
G300	W463 3.0 D	3000	1993->	6	OM 603.931		Y-916J	
G300	W463 3.0 DT	3000	1996->	6	OM 606.964		Y-925J	
G300	W463 3.0 I	3000	1993->1994	6	M 103.987	0.8	BP6EFS	BPR6EFS
G320	W463 3.0 DT	3000	2006->	6	OM642.970		CZ303	
G350	W463 3.5 DT	3500	1993->	6	OM 603.972		Y-916J	
G500	W463 5.0 I	5000	2000->	8	M113.962	1.1	PFR5R-11	BKR5E-11,
G55	W463 5.5 I	5500	2004->	8	M113.993	0.8	ILFR6A	LFR6A-11
GL320	W164 3.0	3000	2006->	6	OM642.940		Y-8002AS	
GL350	W164 3.0 D CDI	3000	2009->	6	OM642.820		CZ303	
GL350	X166 CDI	3000	2012->	6	OM642.826		CZ159	
GL450	W164 4.5	4500	2007->	8	M273.923	0.8	PLKR7A	
GL500	W164 5.5	5500	2006->	8	M273.963	0.8	PLKR7A	
GLA	AMG 45	2000	2013->	4	M133.980	0.7	SILZKFR8E7S	
MB100	2.4 D	2400	1987->1989	4	OM 616.963		Y-924J	
MB100	2.4 D	2400	1989->	4	OM 616.963		Y-916J	
ML	W166 2.5 CDI	2500	2011->	4	OM651.960		CZ303	
ML	W163 2.7 CDI	2700	2000->	6	M612.960		Y-745U	
ML	W164 3.0 CDI	3000	2006->	6	OM642.940		Y-8002AS	
ML	W163 3.2	3200	2000->	6	M112.942	1.1	PFR5J-11	BKR5E-11
ML	W163 3.2 CDI	3000	2005->	6	OM642.940		Y-8002AS	
ML	W164 3.5	3500	2007->	6	M272.967	0.8	PLKR7A	
ML	W164 3.5 CDI	3500	2009->	6	OM642.820		CZ303	



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MERCEDES BENZ								**MERCEDES BENZ**
ML	W163 3.7 I	3700	2000->2005	6	M112.970	1.1	PFR5R-11	BKR5E-11,
ML	W164 4.0 CDI	4000	2006->	8	OM629.912		Y-8002AS	
ML	W163 4.3 I	4300	2000->	8	M113.942	1.1	PFR5J-11	BKR5E-11
ML	W164 5.0 I	5000	2006->	8	M113.964/5	1.1	PFR5J-11	BKR5E-11
ML	W163 AMG 5.5 I	5500	2002->2005	8	M113.981	1.1	PFR5R-11	BKR5E-11,
ML	W164 5.5 I	5500	2007->	8	M273.963	0.8	PLKR7A	
ML	W164 AMG 6.3 I	6300	2006->	8	M156.980	1	ILZKAR7A-10	LZKAR7A
R63	W251 AMG	6300	2006->	8	M156.980	1	ILZKAR7A-10	LZKAR7A
R300	W251	3000	2009->	6	OM642.950		Y-8002AS	
R300	W251	3000	2009->	6	M272.945	0.8	PLKR7A	
R350	W251	3500	2007->	6	M272.967	0.8	PLKR7A	
R500	W251	5000	2007->	8	M113.971	1.1	PFR5R-11	
R500	W251	5500	2007->	8	M273.963	0.8	PLKR7A	
S250	W221 250 CDI	2500	2011->	4	OM651.961		CZ303	
S300	W140	3000	1999->	6	OM 606.961		Y-925J	
S320	W140	3200	1993->1994	6	M104.990	0.8	BCPR6ES	BCP6ES
S320	W220	3200	2000->	6	M112.944	1.1	PFR5R-11	BKR5E-11,
S320	W220 CDI	3200	1999->	6	OM 648.960		Y-745U	
S320	W221 CDI	3000	2006->	6	OM642.930		Y-8002AS	
S350	W220	3700	2004->	6	M112.972	1.1	PFR5R-11	BKR5E-11,
S350	W221	3500	2005->	6	M272.965	0.8	PLKR7A	
S350	W222 CDI	3000	2014->	6	OM642.867		CZ551	
S400	W220 CDI	4000	2000->	8	OM 628.960		Y-745U	
S400	W221 BLUEHYBRID	3500	2009->	6	M272.974	0.8	PLKR7A	
S420	W140	4200	1996->1998	8	M119.971	0.8	BCPR6ES	BCP6ES
S430	W220	4300	2000->	8	M113.941	1.1	IFR5D-10	BKR5E-11
S500	W140	5000	1993->1999	8	M119.970	0.8	BCP6ES	BCPR6ES
S500	W220	5000	2000->	16	M113.960	1.1	PFR5R-11	BKR5E-11,
S500	W221	5000	2006->	8	M273.961	0.8	PLKR7A	
S55	W220 AMG	5500	1999->	8	M113.986	1.1	PFR5R-11	BKR5E-11,
S55	W220 AMG KOMPRESSOR	5500	2003->	8	M113.991	0.8	ILFR6A	LFR6A-11
S600	W140	6000	1996->2000	12	M120.980	0.8	BCPR6ES	BCP6ES
S600	W220	6000	2000->2002	12	M137.970	1	IFR6D-10	
S600	W220	6000	2002->	12	M275.950	0.8	IFR6Q-G	
S600	W221	6000	2006->	12	M275.953	0.8	IFR6Q-G	
S63	W221	5500	2006->	8	M156.984	1	ILZKAR7A-10	LZKAR7A
S65	W221 AMG	6000	2006->	12	M275.982	0.8	IFR6Q-G	
SL320	W129	3200	1998->	6	M112.943	1.1	PFR5R-11	BKR5E-11,
SL500	W129	5000	1998->	8	M113.961	1.1	PFR5J-11	BKR5E-11
SL500	W230	5000	2002->	8	M113.963	1.1	PFR5R-11	BKR5E-11,
SL500	W230	5500	2006->	8	M273.965	0.8	PLKR7A	
SL55	W230 AMG	5500	2002->	8	M113.992	0.8	ILFR6A	LFR6A-11
SL600	W129	6000	1998->	12	M120.983	1.1	IFR5D-10	BKR5E-11
SL600	W129	6000	2001->	12	M120.983	1.1	PFR5R-11	BKR5E-11,
SL600	W230	5500	2001->	12	M275.951	0.8	BKR6EIX	
SL63	W230	5500	2008->	8	M156.981	1	ILZKAR7A-10	LZKAR7A
SL65	W230 AMG	6000	2006->	12	M275.981	0.8	IFR6Q-G	
SL65	W231 AMG	6000	2012->	12	M279.981	0.8	IFR6Q-G	
SL73	W129 AMG	7300	1999->	12	M120.E73	1.1	IFR5D-10	BKR5E-11
SLK200	W172 1.8 I	1800	2011->	4	M271.861	0.8	PLKR7B-8E	
SLK200	W170	2000	1997->2000	4	M111.943	1	BKUR6ET-10	
SLK200	W170	2000	2001->	4	M111.958	1	IFR6D-10	
SLK200	W171	1800	2004->2006	4	M271.944	0.8	ILFR6A	LFR6A-11
SLK200	W171	1800	2006->2010	4	M271.944	0.8	PLKR7B-8E	
SLK230	W170	2300	1997->2000	4	M111.973	0.8	BKR6E	
SLK230	W170 K	2300	2000->	4	M111.983	1	IFR6D-10	
SLK250	W172 1.8 D	1800	2012->	4	OM651.980		CZ303	
SLK250	W172 1.8 I	1800	2011->	4	M271.861	0.8	PLKR7B-8E	
SLK32	W170 K	3200	2001->	6	M112.960	1	IFR6D-10	
SLK320	W170	3200	2001->	6	M112.947	1.1	PFR5R-11	BKR5E-11,
SLK350	W171	3500	2007->	6	M272.963	0.8	PLKR7A	
SLK55	W171 AMG	5500	2004->2007	8	M113.989	1	IFR6D-10	
SLR MC LAREN	W199	5400	2006->	8	M155.980	0.8	ILFR6A	LFR6A-11
SPRINTER	308 D	2300	1995->2000	4	OM 601		Y-916J	
SPRINTER	312 D	2900	1995->	5	OM602.980.10 DELA 9849		Y-924J	
SPRINTER	312 D	2900	1995->2000	5	OM602.980.12 DELA 137 ->		Y-929U	
SPRINTER	313 CDI	2100	2000->	4	OM611.981		Y-745U	
SPRINTER	313 CDI	2200	2011->	4	OM651.955		CZ303	
SPRINTER	316 CDI	2700	2000->	4	OM612		Y-745U	
SPRINTER	412 D	2900	1995->	5	OM602.980.12 DELA 136		Y-924J	
SPRINTER	412 D	2900	1995->	5	OM602.980.12 DELA 137 ->		Y-929U	
SPRINTER	413 CDI	2200	2000->	4	OM611.981		Y-745U	
SPRINTER	416 CDI	2700	2000->	4	OM612		Y-745U	



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MERCEDES BENZ								**MERCEDES BENZ**
SPRINTER	518 CDI	3000	2006->	6	OM 642		Y-8002AS	
SPRINTER	519 CDI	3000	2009->	6	OM 642		Y-8002AS	
V 220	220 CDI	2200	1999->	4	OM 611.980		Y-745U	
V 230	230 TD	2300	1996->	4	OM 601.970		Y-916J	
V 280	2.8 VR6	2800	2005->	6	M104.900	0.8	BKR5EKUP	
V200	W447 CDI	2200	2014->	4	OM651.950		CZ551	
V220	W447 CDI	2200	2014->	4	OM651.950		CZ551	
V250	W447 CDI	2200	2014->	4	OM651.950		CZ551	
VIANO	220 CDI	2200	2003->	4	M646.983		Y-745U	
VIANO	2.2 CDI	2200	2010->	4	OM651.940		CZ303	
VIANO	3.0 CDI	3000	2005->2010	6	OM642.990		Y-8002AS	
VIANO	W639 3.5 I	3500	2007->	6	M272.979	0.8	PLKR7A	
VIANO	W639 3.0 CDI	3000	2010->2010	6	OM642.990		Y-8002AS	
VITO	112 CDI	2200	2001->2004	4	OM611.980		Y-745U	
VITO	113 CDI	2200	2010->	4	OM641.940		CZ303	
VITO	114 I	2300	1996->2003	4	M111.978	1	BKUR5ETC-10	
VITO	115 CDI	2200	2004->	4	M646		Y-745U	
VITO	116 CDI	2200	2010->	4	OM651.940		CZ303	
VITO	116 CDI	2200	2014->	4	OM651.950		CZ551	
VITO	122 CDI	3000	2010->	6	OM642.990		Y-8002AS	
MG								**MG**
MG 3	1.5 I	1500	2013->	4		0.8	BKR6EIX	
MG 6	1.8 T	1800	2012->	4		0.8	BKR6EIX	
TF-SERIES	1.2 I K - SERIES	1800	2003->	4		1.1	PFR6N-11	BKR6E-11
TF-SERIES	1.6 I	1800	2003->	4		1.1	PFR6N-11	BKR6E-11
TF-SERIES	1.8 I	1800	2003->	4		1.1	PFR6N-11	BKR6E-11
TF-SERIES	1.8 I K- SERIES	1800	2002->	4		1.1	PFR6N-11	BKR6E-11
ZR-SERIES	1.2 L	1800	2003->	4	K	1.1	PFR6N-11	BKR6E-11
ZR-SERIES	1.6 S	1800	2003->	4	K VVC	1.1	PFR6N-11	BKR6E-11
ZR-SERIES	2.0 TD	2000	2003->	4			Y-730U	
ZS180	2.5 SX	2500	2001->	6	KV6	1.1	PFR6N-11	BKR6E-11
ZT-SERIES	1.6 TURBO	1800	2003->	4	K	1.1	PFR6N-11	BKR6E-11
ZT-SERIES	1.9 FI	2500	2003->	6	KV6	1.1	PFR6N-11	BKR6E-11
MINI								**MINI**
COUNTRYMAN	1.6 T	1600	2010->	4	N16B16A	0.8	PLZKBR7B8DG	
MINI COOPER	1.6 CVT	1600	2002->	4	W10.B16	0.8	BKR6EQUP	BKR6EQUA
MINI COOPER	1.6 GDI,TURBO	1600	2007->	4	L4 N14B16	0.8	ILZKBR7B8DG	
MINI COOPER	1.6 S 16V	1600	2003->	4	W11.B16	0.8	BKR6EQUP	BKR6EQUA
MINI COOPER	1.6 S 16V JCW	1600	2005->	4	W11.B16	0.8	BKR7EQUP	
MINI COOPER S	1.6 SUPER CHARGED	1600	2002->2007	4	W11 B16A	0.8	BKR6EQUP	BKR6EQUA
MINI COOPER S	1.6 TURBO	1600	2008->	4	N14 B16	0.8	PLZKBR7B8DG	
MINI COOPER WORKS	1.6 SUPERCHARGED	1600	2003->2007	4	W11 B16A	0.8	BKR7EQUP	
MINI ONE	1.4 MINI ONE	1400	2007->	4	N12 B14	0.8	PLZKBR7B8DG	
MINI ONE	1.6 MINI ONE	1600	2010->	4	N16 B16	0.8	PLZKBR7B8DG	
PACEMAN	1.6 I	1600	2012->	4	N16 B16A	0.8	PLZKBR7B8DG	
MITSUBISHI								**MITSUBISHI**
ASX	2.0 I	2000	2011->	4	4B11	0.8	FR6EI	
COLT	1.6 L	1600	1994->1998	4	4G32	0.8	BPR6ES	BP6ES
COLT	2.0 I	2000	1998->	4	4G63	0.8	BPR6ES	BP6ES
COLT	2.0 L	2000	1994->1998	4	4G63	0.8	BPR6ES	BP6ES
COLT	2.4 I HI-LINE	2400	1998->	4	4G64	0.8	BKR5E	
COLT	2.5 TD	2500	1993->1998	4	4D56T		CZ257	
COLT	2.5 TD	2500	1993->1999	4	4D56T		Y-733J	
COLT	2.5 TD TURBO NOT QGS TYPE	2500	1986->	4	4D56		Y-115T-1	
COLT	2.6 SE	2600	1995->	4	4G54	0.8	BPR5ES	BP5ES
COLT	2.8 CLUB CAB	2800	1994->2000	4	4M40		CZ256	
COLT	2.8 TD	2800	2001->	4	4M40T		CZ256	
COLT	3.0 V6	3000	1994->1997	6	6G72	1.1	BPR5ES-11	
COLT	3.0 V6	3000	1998->	6	6G7E2	1.1	PFR6G-11	BKR6E-11
COLT GALANT	1.6 GL	1600	1977->1984	4	4G32	0.8	BPR5ES	BP5ES
COLT GALANT	2.0 GLX	2000	1977->1984	4	4G52	0.8	BPR5ES	BP5ES
COLT GALANT	2.6 L	2600	1979->1984	4	4G54	0.8	BPR5ES	BP5ES
GALANT	2.4 GDI	2400	2001->	4	4G64	0.8	BKR6EKUC	
GT	3.0 GT V6	3000	1999->	6		1.1	PFR6J-11	BKR6E-11
L 300	1.6 H	1600	1982->1985	4	4G32	0.8	BPR5ES	BP5ES
L 300	1.8 H	1800	1983->1987	4	4G62	0.8	BPR6ES	BP6ES
L 300	2.0 LWB, HI	2000	1987->	4	4G63	0.8	BPR6ES	BP6ES



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MITSUBISHI								**MITSUBISHI**
L 300	2.0 STAR WAGON	2000	1985->1995	4	4G63	0.8	BPR6ES	BP6ES
L 300	2.5 D	2500	1992->	4	4D5/5		Y-115T-1	
L 300	2.5 D	2500	1997->	4	4D56		Y-733J	
L 300	2.5 TD	2500	1993->1996	4	4D56 SOHC		CZ257	
LANCER	1.5 I SPORTBACK	1500	2008->	4	4A91	1.1	ILZFR6C-11K	
LANCER	1.6 GLX	1600	2003->	4	4G18	1.1	BKR5E-11	
LANCER	2.0 VVT	2000	2006->2008	4	4G63 DV	0.8	ILFR7H	
LANCER	2.0 EVO 10	2000	2008->2010	4	4B11 FQ30	0.6	ILKR8E-6	
LANCER	2.0 EVO 6 TURBO	2000	2004->	4	4G63	0.8	IGR7A-G	
LANCER	2.0 EVO 7	2000	2001->	4	4G63	0.8	IGR7A-G	
LANCER	2.0 EVO 8	2000	2006->	4	4G63 CT9A	0.8	IGR7A-G	
LANCER	2.0 EVO 9	2000	2006->2007	4	4G63	0.8	ILFR7H	
MIRAGE	1.2 I	1200	2014->	4		1.1	LZFR5BI-11	
OUTLANDER	2.4 GLS	2400	2012->	4	4B12		IFR5N-10	
OUTLANDER	2.4 I	2400	2003->	4	4G69	0.8	LZFR6AI	
OUTLANDER	2.4 SE	2400	2009->	4	4B12 FI	0.8	FR6EI	
OUTLANDER	3.0 XLS	3000	2009->	6	6B31 FI	0.8	ILKR7B-8	
PAJERO	1.6 I	1600	1999->2002	4	4G18	0.8	BKR6E	
PAJERO	1.8 I	1800	1999->2002	4	4G93	0.8	BKR6E	
PAJERO	2.0 I	2000	2000->	4	4G94	0.6	IZFR5B	PZFR5B
PAJERO	2.5 TD INTERCOOLER	2500	1987->1990	4	4D56 T		Y-733J	
PAJERO	2.8 V4	2800	1994->2000	4	4M40		CZ256	
PAJERO	3.0 GLS V6	3000	1989->1992	6	6G72	1.1	BPR5ES-11	
PAJERO	3.0 I	3000	1993->2000	6	6G72	1.1	PFR6J-11	BKR6E-11
PAJERO	3.2 DID	3200	2007->	4	4M41		CZ251	
PAJERO	3.2 DID	3200	2007->	4	4M41		CZ251	
PAJERO	3.2 DID	3200	2012->	4	4M41		CZ251	
PAJERO	3.5 GLS V6	3500	1995->2000	6	6G74	1.1	PFR6J-11	BKR6E-11
PAJERO	3.5 GLS V6	3500	2000->2004	6	6G74	1.1	PFR6J-11	BKR6E-11
PAJERO	3.8 V6	3800	2007->	6	6G75	0.8	IFR6B-K	
PAJERO CLASSIC	3.2 DID	3200	2005->	4	4M41		Y-1007J	
SHOGUN	2.5 TD	2500	1996->2000	4	4D56		Y-733J	
SHOGUN	3.0 I	3000	1991->1994	6	6G72	1.1	BPR5ES-11	
SHOGUN	3.0 I	3000	1994->	6	6G72	1.1	PFR6J-11	BKR6E-11
SHOGUN	3.5 I	3500	2000->	6		0.6	PZFR5B	
SPACE	1.9 DI-D STAR	1900	2000->	4	DCI RENAULT		Y-732J	
SPACE	2.0 RUNNER	2000	1993->	4	4D68		CZ257	
SPACE	2.0 WAGON	2000	1995->1996	4	4D68		Y-733J	
SPACE	2.5 GEAR	2500	1994->	4	4D56		CZ257	
SPACE	2.5 GEAR	2500	1995->1997	4	4D56		CZ257	
SPACE	2.5 GEAR TURBO	2500	1998->	4	4D56		Y-733J	
SPACE GEAR	2.4 GLX	2400		4		1.1	BKR5E-11	
TREDIA	1.4 S	1400	1983->1986	4	4G12	0.8	BPR5ES	BP5ES
TREDIA	1.6 SL	1600	1983->1986	4	4G32	0.8	BPR5ES	BP5ES
TREDIA	1.8 SL,SLX	1800	1983->1986	4	4G62	0.8	BPR5ES	BP5ES
TREDIA	1.8 VORTEX,TURBO	1800	1984->1986	4	4G62	0.8	B7ES	BR7ES
TRITON	2.4 I	2400	2006->	4	4G64	1.1	BKR5E-11	
TRITON	2.5 DID	2500	2007->	4	4D56		CZ251	
TRITON	3.2 DID	3200	2009->	4	4M41		CZ251	
TRITON	3.5 I	3500	2011->	6	6G74	1.1	PFR5J-11	BKR5E-11
MORGAN								**MORGAN**
4-APR	1.8 L	1800	2002->	4	FORD ZETEC	1.3	PTR5A-13	
AERO 8	4.4 L	4400	2003->	8	BMW M62B44	0.8	BKR6EQUP	BKR6EQUA
4	2.0 L	2000	2002->	4	ROVER T16	0.8	BKR6E	
NISSAN								**NISSAN**
1 TONNER	1.6 K	1600	1988->1999	4	L16	0.8	BPR5ES	BP5ES
1 TONNER	1.8 S	1800	1988->1995	4	L18	0.8	BPR6ES	BP6ES
1 TONNER	2.4 L	2400	1988->1999	4	Z24	0.8	BPR6ES	BP6ES
1 TONNER	2.5 D	2500	1988->1996	6	TD25		Y-707RS	
1 TONNER	2.7 D	2700	1990->1996	4	TD 27		Y-707RS	
1 TONNER	3.0 TD 16V	3000	2002->	4	ZD30		CZ258	
1 TONNER	3.0 V6	3000	1990->2002	6	VG30E	0.8	BKR6EY	
120	1.2 Y - DL,SDX	1200	1972->1980	4	A12	0.8	BPR5ES	BP5ES
1200	1.2 H	1200	1977->1980	4	A12	0.8	BPR5ES	BP5ES
140	1.4 Y - GX	1400	1975->	4	L14	0.8	BPR5ES	BP5ES
140	1.4 Y - SDX	1400	1975->	4	A14	0.8	BPR5ES	BP5ES
1400	1.4 L	1400	1980->	4	A14	0.8	BPR5ES	BP5ES
160	1.6 Z - COUPE	1600	1975->	4	L16	0.8	BPR5ES	BP5ES



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NISSAN								**NISSAN**
160J	1.6 Y - GX COUPE	1600	1980->	4	L16	0.8	BPR5ES	BP5ES
1800	1.8 KINGCAB 4 X4	1800	1980->	4	L18	0.8	BPR6ES	BP6ES
1800J	1.8 J GL,SSS	1800	1972->	4	L18T	0.8	BPR6ES	BP6ES
1800J	1.8 J SNG CARB	1800	1972->	4	L18S	0.8	BPR6ES	BP6ES
200SX	1.8 TURBO	1800	1991->1995	4	CA18DET	1.1	BCPR6ES-11	
200SX	2.0 TURBO	2000	1997->	4	SR20DET	0.9	PFR6B-9	BKR6E
2200	2.2 TRACKER 4 X4	2200	1982->1983	4	Z22	0.8	BPR6ES	BP6ES
280ZX	2.8 ZX	2800	1981->1983	6	L28E	1.1	BP6ES-11	BPR6ES-11
300ZX	3.0 NON TURBO	3000	1984->1989	6	VG30E	1.1	BCPR6ES-11	
300ZX	3.0 TURBO	3000	1990->	6	VG30ET	1.1	BCPR6ES-11	
300ZX	3.0 TWIN TURBO	3000	1991->1994	6	VG30DETT	1.1	PFR6B-11B	
350Z	3.5 ROADSTER	3500	2005->	6	VQ35HR	1.1	DF7H-11B	
350Z	3.5 ROADSTER	3500	2006->	6	VQ35DE	1.1	PLFR5A-11	
370Z	3.7 V6	3700	2009->	6	VQ37VHR	1.1	DF8H-11B	
620	2.2 DATSUN	2200	1986->	6	Z22	0.8	BPR6ES	BP6ES
720	1.8 LCV	1800	1988->	4	L18	0.8	BPR5ES	BP5ES
ALMERA	1.5 I	1500	2013->	4	HR15DE	1.1	PLZKAR6A-11	
ALMERA	1.5 I	1500	2002->	4	QG15DE	1.1	LFR5A-11	
ALMERA	1.6 16V	1600	2001->	4	QG16DE	1.1	BKR5E-11	
ALMERA	1.8 16V	1800	2000->2003	4	QG18DE	1.1	BKR6E-11	
ALMERA	1.8 I	1800	2013->	4	MRA8DE	1.1	LZKAR6AP-11	
ARMADA	5.6 V8	5600	2007->	8	VK56DE	1.1	PLFR5A-11	
CUBE	1.5 DCI	1500	2010->	4	K9K		Y-1035AS	
CUBE	1.6 16V	1600	2011->	4	HR16DE	1.1	LZKAR6AP-11	
CUBE	1.8 16V	1800	2010->	4	MR18DE	1.1	LZKAR6AP-11	
E20	1.8 EKONOVAN	1800	1981->1996	4	L18	0.8	BPR6ES	BP6ES
E20	2.0 EKONOBUS	2000	1973->1981	4	H20	0.8	BPR6ES	BP6ES
ECONOBUS	1.8 BUS,LCV	1800	1986->	4	L18	0.8	BPR6ES	BP6ES
GT-R	3.8 I	3800	2009->	6	VR38DETT	0.8	DILKAR8A-8	
HARDBODY	1.6 I	1600	1999->2002	4	NA16	0.8	BPR6ES	BP6ES
HARDBODY	2.0 I	2000	1999->2002	4	NA20	0.8	BPR6ES	BP6ES
HARDBODY	2.0 I 16V	2000	2002->	4	KA20DE	1.1	BKR6E-11	
HARDBODY	2.4 12V	2400	2002->	4	KA24E	1.1	BKR5E-11	
HARDBODY	2.4 16V	2400	1999->2002	4	Z24	0.8	BPR6ES	BP6ES
HARDBODY	2.4 16V	2400	2003->	4	KA24	1.1	BKR5E-11	
HARDBODY	2.4 I	2400	2001->	4	KA24E	1.1	ZFR5F-11	
HARDBODY	2.7 D	2700	1996->2002	6	TD27		Y-707RS	
HARDBODY	3.0 I V6	3000	1999->2002	6	VG30E	0.8	BKR6E	
HARDBODY	3.0 TD	3000	2000->2006	6	ZD30DDTI		CZ258	
HARDBODY	3.2 D	3200	1999->2003	6	QD32		Y-707RS	
HARDBODY	3.3 I	3300	2002->	6	VG33E	1.1	BKR6E-11	
INFINITI	4.5 V8	4500	1995->	8	VH45DE	1.1	BKR6ES-11	
INTERSTAR	2.5 DCI	2500	2006->	4	G9U754		Y-517J	
JUKE	1.2 T	1200	2014->	4	HRA2DDT	0.7	ILKAR7F-7G	
JUKE	1.5 DCI	1500	2010->	4	K9K		Y-1035AS	
JUKE	1.6 16V	1600	2011->	4	HR16DE	1.1	DILZKAR6A-11	
JUKE	1.6 TURBO	1600	2012->	4	MR16DDT	0.9	DILKAR7C-9H	
LANGLEY	1.3 GL	1300	1986->1987	4	E13	0.8	BPR5ES	BP5ES
LANGLEY	1.5 EXA TURBO,SSS,TREBON	1500	1984->1987	4	E15T	0.8	BPR6ES	BP6ES
LANGLEY	1.5 GL,L,SGL	1500	1983->1987	4	E15	0.8	BPR6ES	BP6ES
LAUREL	2.0 G	2000	1980->1983	4	L20	0.8	BPR6ES	BP6ES
LAUREL	2.8 GL,L	2800	1978->1985	6	L28 (CARB)	0.8	BPR6ES	BP6ES
LAUREL	2.8 SGL	2800	1986->1987	6	L28E FUEL INJ	1.1	BP6ES-11	BPR6ES-11
LIVINA	1.6 I	1600	2007->	4	L10	1.1	LZKAR6AP-11	
LIVINA	3.8 GT-R	3800	2012->	6	VR38DETT	0.8	DILKAR8A-8	
MAXIMA	2.0 QX	2000	1997->	6	VQ20DE	1.1	PFR6G-11	BKR6E-11
MAXIMA	3.0 E,SE	3000	1991->1996	6	VG30E	1.1	BKR6ES-11	
MAXIMA	3.0 QX	3000	2000->	6	VQ30DE	1.1	PFR6G-11	BKR6E-11
MICRA	1.2 I	1200	2011->	3	HR12DE	1.1	LZKAR6C-11	
MICRA	1.4 K12	1400	2005->	4	CR14DE	1.1	LFR5E-11	LFR5A-11
MICRA	1.5 DCI K12	1500	2003->	4	K9K		Y-732J	
MICRA	1.5 TEKNA	1500	2011->	4	HR15DE	1.1	PLZKAR6A-11	
MICRA	1.6 SR160	1600	2007->	4	HR16DE	1.1	PLZKAR6A-11	
MURANO	3.5 I	3500	2002->2007	6	VQ35DE	1.1	PLFR5A-11	
MURANO	3.5 I V6	3500	2010->	6	VQ35DE	1.1	DF7H-11B	
NAVARA	2.5 DCI	2500	2005->	4	YD25D		Y-519J	
NAVARA	2.5 DCI	2500	2005->	4	YD25DDTI		Y-519J	
NAVARA	2.5 DCI	2500	2008->	4	YD25D		Y-519J	
NAVARA	2.5 I	2500	2007->	4	QR25DE	1.1	DILKAR6A-11	
NAVARA	2.5 TD	2500	2002->	4	TD25TI		CZ261	
NAVARA	4.0 I	4000	2005->	6	VQ40DE	1.1	PLFR5A-11	
NOMAD	2.0 D	2000	1999->	4	LD20		CY51	



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Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval
NISSAN								**NISSAN**
NOTE	1.6 I	1600	2006->	4	HR16DE	1.1	PLZKAR6A-11	
NOTE 2	1.5 DCI	1500	2013->	4	K9K		Y-1035AS	
NP200	1.5 DCI	1500	2010->	4	K9K		Y-732J	
NP200	1.6 16V	1600	2008->	4	K7MF F11L	0.8	BKR6EK	
NP300	2.0 I	2000	2001->	4	KA20DE	1.1	BKR5E-11	
NP300	2.4 4X4, 4X2	2400	1999->	4	KA24	1.1	BKR5E-11	
NP300	2.4 I	2400	2001->	4	KA24DE	1.1	BKR5E-11	
NP300	2.5 TD	2500	2009->	4	YD25D		Y-519J	
NV200	1.5 DCI	1500	2011->	4	K9K		Y-1035AS	
NV200	1.5 DCI	1500	2011->	4	K9K		Y-1035AS	
NV200	1.6 16V	1600	2010->	4	HR16DE	1.1	PLZKAR6A-11	
NV350	2.5 D	2500	2013->	4	YD25DDTI		Y-519J	
NV350	2.5 I	2500	2014->	4	QR25DE	1.1	DILKAR6A-11	
PATHFINDER	2.5 D	2500	1993->	4	VD25DDTI		Y-707RS	
PATHFINDER	2.5 D	2500	2005->	4	Y25DDTI		Y-519J	
PATHFINDER	4.0 I	4000	2005->	6	VQ40DE	1.1	PLFR5A-11	
PATROL	2.8 D (4,5,6 CYL CX51)(1,2,3 CYL CZ51)	2800	1998->	6	RD28		CX51	
PATROL	2.8 D (4,5,6 CYL CX51)(1,2,3 CYL CZ51)	2800	1998->	6	RD28T		CX51	
PATROL	3.0 DI	3000	2000->2006	6	ZD30DDTI		CZ258	
PATROL	3.0 DTI	3000	2012->	4	ZD30D		Y-538J	
PATROL	4.0 I	4000	1974->1980	6	P40	0.8	BPR6ES	BP6ES
PATROL	4.2 12V TD	4200	1998->2002	6	TD42		Y-707RS	
PATROL	4.2 I	4200	1994->	6	TB42E	0.8	BPR6ES	BP6ES
PATROL	4.5 I	4500	1998->	6	TB45E	1.1	BPR6ES-11	
PATROL	4.8 I	4800	2004->	6	TB48DE	1.1	LFR6A-11	
PICK-UP	2.3 D	2300	1984->1986	4	SD23		Y-112M-1	
PICK-UP	2.4 I	2400	2002->	4	KA24E	1.1	ZFR5F-11	
PICK-UP	2.5 D	2500	1984->1986	4	SD25		Y-112M-1	
PICK-UP	2.7 TD	2700	1998->	4	TD27T		Y-712RS	
PRIMASTAR	1.9 DCI	1900	2001->	4			Y-732J	
PRIMERA	1.6 SI	1600	1998->2000	4	GA16E	1.1	BKR5E-11	
PRIMERA	2.0 SI,GSI,STI	2000	1998->	4	SR20DE	1.1	BKR6EY-11	
PULSAR	1.3 S	1300	1983->1986	4	E13	0.8	BPR5ES	BP5ES
PULSAR	1.4 GX,DL	1400	1980->1984	4	A14	0.8	BPR5ES	BP5ES
PULSAR	1.5 GL,SX,PANACHE	1500	1982->1987	4	E15	0.8	BPR6ES	BP6ES
QASHQAI	1.5 DCI	1500	2010->	4	K9K		Y-1035AS	
QASHQAI	1.6 I	1600	2007->	4	HR16DE	1.1	LZKAR6AP-11	
QASHQAI	2.0 I	2000	2007->	4	MR20DE	1.1	LZKAR6AP-11	
SABRE	1.6 GX,GXI	1600	1994->1997	4	GA16E	0.8	BKR6E	
SABRE	2.0 GXI	2000	1994->2000	4	SR20DE	0.8	BKR6E	
SAFARI	2.8 I	2800	1982->1990	6	L28	0.8	BPR6ES	BP6ES
SANI	2.4 L	2400	1998->1999	4	Z24	0.8	BPR6ES	BP6ES
SANI	2.7 TD	2700	1998->1999	4	TD27		Y-707RS	
SANI	3.0 V6	3000	1998->1999	6	VG30E	0.8	BKR6E	
SENTRA	1.3 GL	1300	1987->1992	4	E13S	0.8	BPR5ES	BP5ES
SENTRA	1.3 SX	1300	1987->1992	4	L13S	0.8	BPR5ES	BP5ES
SENTRA	1.4 DEBUT	1400	1992->1997	4	GA14DS	0.8	BKR6E	
SENTRA	1.4 GX,I,SI,GXI	1400	1992->1997	4	GA14DS	0.8	BKR6E	
SENTRA	1.6 GL,GX	1600	1987->1992	4	E16S	0.8	BPR6ES	BP6ES
SENTRA	1.6 GX	1600	1992->1997	4	GA16DS	0.8	BKR5E	
SENTRA	1.6 GXEI,SGLI	1600	1987->1992	4	E16E	0.8	BPR6ES	BP6ES
SENTRA	1.6 SE,SI,GSI,GXI	1600	1992->1996	4	GA16E	0.8	BKR6E	
SENTRA	1.6 SI,GSI,GXI	1600	1997->2000	4	GA16DNE	0.8	BKR6E	
SENTRA	1.8 16V EX	1800	1989->1992	4	CA18DE	1.1	BCPR6ES-11	
SENTRA	1.8 I	1800	2013->	4	MRA8DE	1.1	LZKAR6AP-11	
SENTRA	2.0 STI,GSI	2000	1992->1997	4	SR20DE	0.8	BKR6E	
SERINA	2.3 D	2300	1998->	4	LD23		Y-530J	
SKYLINE	1.8 L	1800	1982->1987	4	L18	0.8	BPR6ES	BP6ES
SKYLINE	2.0 GL	2000	1982->1987	4	L20B	0.8	BPR6ES	BP6ES
SKYLINE	2.0 GL,GLE	2000	1987->1992	4	CA20S	0.8	BCP6ES	BCPR6ES
SKYLINE	2.0 SGLI	2000	1987->	4	RB20E	1.1	BKR5E-11	
SKYLINE	2.8 D	2800	1955->1956	4	LD28		Y-204-TS-1	
SKYLINE	2.8 GTX,SGLI	2800	1982->1987	6	L28E	1.1	BP6ES-11	BPR6ES-11
SKYLINE	2.8 GT,GLX,SGL	2800	1983->1986	6	L28H	0.8	BPR6ES	BP6ES
SKYLINE	3.0 SGLI	3000	1987->1992	6	RB30E	1.1	BCPR6ES-11	
STANZA	1.6 S	1600	1978->1983	4	L16S	0.8	BPR5ES	BP5ES
STANZA	1.8 SSS,GL	1800	1978->1983	4	L18,T,S,	0.8	BPR6ES	BP6ES
STANZA DL	1.6 S	1600	1978->1983	4	L16S OHC	0.8	BPR5ES	BP5ES
STANZA GL	1.8 L	1800	1978->1983	4	L18T	0.8	BPR6ES	BP6ES
TERRANO 1	2.4 I	2400	1997->2001	6	KAZ4E	1.1	ZFR5F-11	
TERRANO 1	2.7 TDI	2700	1998->	4	TD27		Y-707RS	
TERRANO 2	2.7 TDI	2700	1993->	4	TD27T		Y-712RS	



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Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval
NISSAN								**NISSAN**
TERRANO 2	2.7 TDI	2700	1999->2003	4	TD27TI		CZ261	
TERRANO 2	3.0 DTI	3000	2003->	6	ZD30DDTI		CZ258	
TIIDA	1.6 I	1600	2008->	4	HR16DE	1.1	PLZKAR6A-11	
TIIDA	1.8 I	1800	2008->	4	MR18DE	1.1	PLZKAR6A-11	
X-TRAIL	2.0 I	2000	2001->	4	QR20DE	1.1	LFR5A-11	
X-TRAIL	2.0 I	2000	2007->	4	MR20DE	1.1	PLZKAR6A-11	LZKAR6AP-11
X-TRAIL	2.2 D	2200	2001->	4	YD22ET		Y-519J	
X-TRAIL	2.5 I	2500	2002->2006	4	QR25DE	1.1	LFR5A-11	
X-TRAIL	2.5 I	2500	2007->	4	QR25DE	1.1	DILKAR6A-11	
XTERRA	4.0 I	4000	2007->	6	VQ40DE	1.1	PLFR5A-11	
OPEL								**OPEL**
ADAM	1.2 I	1200	2015->	3	A12XEL	0.8	ZFR6V-G	
ADAM	1.4 I	1400	2015->	4	Z14XER	0.8	ZFR6V-G	
ARENA	1.9 D	1900	1998->	4	F8QM6		Y-506J	
ASCONA	1.3 L,GL,GLS	1300	1984->1985	4	13SC	0.8	BPR6ES	BP6ES
ASCONA	1.6 GL,GLS	1600	1982->1987	4	OHC	0.8	BPR6ES	BP6ES
ASCONA	1.8 GLS	1800	1984->1987	4	OHC	0.8	BPR6ES	BP6ES
ASTRA F	1.4 I S	1400	1997->1999	4	14SE	0.8	BKR6EK	
ASTRA F	1.4 S	1400	1993->1996	4	14NV	0.8	BKR6EK	
ASTRA F	1.6 I	1600	1993->1994	4	16NZ SOHC	0.8	BPR6ES	
ASTRA F	1.6 I	1600	1994->1995	4	16NZ	0.8	BKR6EK	
ASTRA F	1.6 I E	1600	1993->1998	4	16 SE SOHC	0.8	BPR6ES	
ASTRA F	1.6 I E,S	1600	1995->1999	4	16SE	0.8	BKR6EK	
ASTRA F	1.8 I AT	1800	1993->1996	4	18 SE SOHC	0.8	BPR6ES	
ASTRA F	1.8 IE	1800	1996->1999	4	ECOTEC	0.8	BKR6EK	
ASTRA F	2.0 I	2000	1993->1994	4	20 SEH SOHC	0.8	BPR6ES	
ASTRA F	2.0 I	2000	1995->	4	20SEH	0.8	BKR6EK	
ASTRA F	2.0 I S	2000	1995->	4	20 SEH	0.8	BKR6EK	
ASTRA F	2.0 I S	2000	1993->1999	4	20 SEH SOHC	0.8	BPR6ES	
ASTRA F	2.0 IE	2000	1993->1998	4	20 XEH DOHC	0.8	BCPR6ES	
ASTRA F	2.0 IE	2000	1993->1998	4	20XELN	0.8	BKR6EK	
ASTRA F	2.0 ITS	2000	1994->1996	4	20LET DOHC	0.8	BCPR6ET	BCPR6ES
ASTRA F	2.0 TS	2000	1993->1996	4	20LET	0.8	BCPR7ET	BCPR7ES
ASTRA G	1.6 CS	1600	2004->	4	Z16XE	0.8	BKR6EK	
ASTRA G	1.6 CS	1600	2004->	4	Z16XEP	1.1	ZFR5F-11	
ASTRA G	1.6 CS,CD,CDE	1600	1999->	4	C16SEL	0.8	BKR5EK	
ASTRA G	1.8 CDE	1800	2004->	4	Z18XE	0.8	BKR6EK	
ASTRA G	1.8 CDE,CSE	1800	1999->	4	C18SEL	0.8	BKR5EK	
ASTRA G	2.0 CDX,CSX	2000	1999->	4	C20SEL	0.8	BKR5EK	
ASTRA G	2.0 TURBO	2000	2004->	4	Z20LET	0.8	BKR6EK	
ASTRA G	2.2 CDE	2200	2001->	4	X22XE	0.8	BKR5EK	
ASTRA G	2.2 CSX	2200	2002->	4	Z22SE	1.3	TR5B-13	
ASTRA H	1.4 I	1400	2000->	4	Z14XEP	1.1	ZFR5F-11	
ASTRA H	1.6 GTC TURBO	1600	2007->	4	Z16LET	1	PFR6T-G	
ASTRA H	1.6 I	1600	2004->	4	Z16XEP	1.1	ZFR5F-11	
ASTRA H	1.6 SE	1600	2006->	4	Z16LET	0.8	ZFR6BP-G	
ASTRA H	1.8 CD	1800	2006->	4	Z18XER	1.1	ZFR6F-11	
ASTRA H	1.8 GTC	1800	2007->	4	Z18XE	1.1	ZFR5F-11	
ASTRA H	1.9 CDTI	1900	2004->	4	Z19DT		Y-534J	
ASTRA H	1.9 CDTI	1900	2006->	4	Z19DTL		YE07	
ASTRA H	2.0 GTC TURBO	2000	2005->2006	4	Z20LER	1.1	ZFR6F-11	
ASTRA H	2.0 OPC TURBO	2000	2005->2006	4	Z20LEH	0.8	PFR6T-G	
ASTRA H	2.0 TURBO	2000	2005->	4	Z20LER	1.1	ZFR6F-11	
ASTRA J	1.4 I	1400	2012->	4	A14XER	0.7	IFR7X-7G	
ASTRA J	1.4 TURBO	1400	2009->	4	A14NET	0.7	IFR7X-7G	
ASTRA J	1.4 TURBO	1400	2010->	4	A14NEL	0.7	IFR7X-7G	
ASTRA J	1.6 I	1600	2009->	4	A16XER	0.8	ZFR6V-G	
ASTRA J	1.6 TURBO	1600	2009->	4	A16LET	0.8	ZFR6BP-G	
ASTRA J	1.8 GTC	1800	2011->	4	A18XER	0.8	ZFR6V-G	
ASTRA J	2.0 I 16V OPC	2000	2014->	4	A20NFT	0.8	ILTR5D	
CALIBRA	2.0 I	2000	1992->	4	20XEH DOHC	0.8	BCPR6ES	
COMBO	1.4 I	1400	2004->	4	Z14XEP	1.1	ZFR5F-11	
COMBO	1.7 DTI 16V	1700	2004->	4	Z17DTH		Y-541J	
COMMODORE	2.8 E	2800	1982->1983	6	OHC	0.6	BP6HS	BPR6HS
COMMODORE	3.0 E	3000	1986->1988	6	OHC	0.6	BP6HS	BPR6HS
CORSA	1.3 I CHILL,LITE,	1300	1996->2002	4	13NE	0.8	BPR6EY	
CORSA	1.3 I UTILITY PRONTO	1300	1997->2000	4	13NE	0.8	BPR6EY	
CORSA	1.4 I	1400	2002->	4	14SE	0.8	BPR5EY	
CORSA	1.4 I	1400	2002->	4	C14SE	0.8	BPR5ES	
CORSA	1.4 I UTILITY	1400	2000->2004	4	14NE	0.8	BPR6EY	



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OPEL								**OPEL**
CORSA	1.6 I S	1600	2002->	4	C16SE	0.8	BPR5EY	
CORSA	1.6 I UTILITY	1600	1997->2004	4	16NE	0.8	BCPR6ES	
CORSA	1.6 I,GSI	1600	1998->	4	16NE	0.8	BPR5EY	
CORSA	1.7 CLASSIC	1700	2002->	4	17D 4EE1		Y-603J	
CORSA	1.7 DT	1700	1994->2000	4	17D		Y-603J	
CORSA	1.7 TD	1700	2006->	4	Z17DTR		Y-541J	
CORSA	1.7 UTILITY	1700	1998->2004	4	17D,X17D 4EE1		Y-603J	
CORSA	1.8 I	1800	2002->	4	18SE	0.8	BPR5EY	
CORSA	1.8 I	1800	2011->	4	C5A	0.8	BPR6EY	
CORSA C	1.4 COMBO	1400	2005->2006	4	Z14XE	0.8	BKR5EK	
CORSA C	1.4 I	1400	2000->	4	Z14XE	0.8	BKR5EK	
CORSA C	1.4 I	1400	2003->	4	Z14XEP	1.1	ZFR5F-11	
CORSA C	1.6 I	1600	2000->	4	Z16SE	0.8	BKR5EK	
CORSA C	1.7 CDTI	1700	2003->	4	Z17DTH		Y-541J	
CORSA C	1.7 CDTI	1700	2004->	4	Z17DTH		Y-541J	
CORSA C	1.7 CDTI UTILITY	1700	2006->	4	Z17 DTR		Y-8003J	
CORSA C	1.8 I	1800	2000->	4	Z18XE	0.8	BKR5EK	
CORSA C	1.8 I	1800	2000->	4	Z18XE	0.8	BKR5EK	
CORSA D	1.3 CDTI	1300	2005->	4	Z13XDTH		Y-8003J	
CORSA D	1.4 I	1400	2006->	4	Z14XEP	1.1	ZFR5F-11	
CORSA D	1.4 I	1400	2007->	4	Z14XEP	1.1	ZFR5F-11	
CORSA D	1.4 I	1400	2010->	4	A14XER	0.8	ZFR6V-G	
CORSA D	1.4 UTILITY	1400	2006->	4	X14SE	1.1	ZFR5F-11	
CORSA D	1.6 OPC	1600	2007->	4	Z16LER	0.8	ZFR6BP-G	
CORSA D	1.6 OPC TURBO	1600	2009->	4	A16LET	0.8	ZFR6BP-G	
CORSA D	1.6 T	1600	2007->	4	Z16LEL	0.8	ZFR6BP-G	
CORSA D	1.6 TURBO	1600	2007->	4	Z16LET	0.8	ZFR6BP-G	
CORSA D	1.7 DTI	1700	2006->	4			Y-541J	
CORSA D	1.8 I	1800	2006->	4	Z18SE	0.8	BPR5EY	
CORSA D	1.8 UTILITY	1800	2013->	4	X18XE	0.8	BPR6EY	
CORSA E	1.2 I	1200	2014->	4	B12XEL	0.8	ZFR6V-G	
CORSA E	1.4 I	1400	2014->	4	B14XEL	0.8	ZFR6V-G	
CORSA E	1.4 T	1400	2014->	4	B14NEJ	0.7	IFR7X-7G	
CORSA E	2.0 OPC	2000	2014->	4	A20NFT	0.8	ILTR5D	
KADETT	1.2 L	1200	1984->1985	4	LVH ,12S SOHC	0.6	BP6HS	BPR6HS
KADETT	1.3 CUB,GL,LS	1300	1988->1991	4	NVH SOHC	0.8	BPR6ES	BP6ES
KADETT	1.3 GL	1300	1980->1985	4	NVH SOHC	0.8	BPR6ES	BP6ES
KADETT	1.3 GLS	1300	1980->1985	4	NVH SOHC	0.8	BPR6ES	BP6ES
KADETT	1.3 LS	1300	1987->	4	NVH SOHC	0.8	BPR6ES	BP6ES
KADETT	1.4 CL	1400	1987->	4	NV SOHC	0.8	BPR6ES	BP6ES
KADETT	1.4 CUB	1400	1987->	4	NV SOHC	0.8	BPR6ES	BP6ES
KADETT	1.4 I S	1400	1995->	4	14 SE	0.8	BKR6EK	
KADETT	1.4 L	1400	1993->/1994	4	14NV SOHC	0.8	BPR6ES	BP6ES
KADETT	1.4 S	1400	1995->	4	14NV	0.8	BKR6EK	
KADETT	1.4 S	1400	1993->1994	4	14NV SOHC	0.8	BPR6ES	BP6ES
KADETT	1.6 CUB	1600	1990->1993	4	NV	0.8	BPR6ES	BP6ES
KADETT	1.6 GLS	1600	1980->1985	4	NVH	0.8	BPR6ES	BP6ES
KADETT	1.6 GLS	1600	1985->1985	4	SE	0.8	BPR6ES	BP6ES
KADETT	1.6 GLS,GL	1600	1982->	4	NVH	0.8	BPR6ES	
KADETT	1.6 GSE	1600	1996->	4	NVH	0.8	BPR6ES	BP6ES
KADETT	1.6 GSE	1600	1987->	4	SV	0.8	BPR6ES	BP6ES
KADETT	1.6 GSI	1600	1990->1991	4	SE	0.8	BPR6ES	
KADETT	1.6 I	1600	1993->1994	4	16NZ SOHC	0.8	BPR6ES	BP6ES
KADETT	1.6 I	1600	1994->1998	4	16NZ	0.8	BKR6EK	
KADETT	1.6 I S	1600	1995->1998	4	16SE	0.8	BKR6EK	
KADETT	1.8 GLX	1800	1985->1987	4	1.8SE SOHC	0.8	BPR6ES	BP6ES
KADETT	1.8 GSI	1800	1989->1990	4	SE	0.8	BPR7ES	
KADETT	1.8 GSI	1800	1989->1990	4	SE	0.8	BPR6ES	
KADETT	1.8 GTE	1800	1984->1985	4	18LVH SOHC	0.8	BPR6ES	BP6ES
KADETT	1.8 I S	1800	1988->	4	ECOTEC	0.8	BKR6EK	
KADETT	2.0 GSI	2000	1989->	4	XE	0.8	BCPR7ES	
KADETT	2.0 GSI	2000	1990->	4	SEH	0.8	BPR6ES	
KADETT	2.0 GSI, 8V	2000	1989->1989	4	SV	0.8	BPR6ES	
KADETT	2.0 I GSI,CD 16V	2000	1991->1992	4	XE	0.8	BCPR7ES	
KADETT	2.0 I S	2000	1993->1998	4	20SEH	0.8	BKR6EK	
KADETT	2.0 I S	2000	1993->1998	4	20SEH SOHC	0.8	BPR6ES	
KADETT	2.0 SUPER BOSS 16V	2000	1989->1990	4	XEH	0.8	BCPR7ES	
KADETT	2.0 TS	2000	1993->1996	4	20LET DOHC	0.8	BCPR6ET	BCPR6ES
MERIVA	1.4 I	1400	2006->	4	Z14XEP	1.1	ZFR5F-11	
MERIVA	1.6 I	1600	2003->	4	Z16XE	0.8	BKR6EK	
MERIVA	1.6 I	1600	2006->	4	Z16XEP	1.1	ZFR5F-11	
MERIVA	1.6 I	1600	2006->	4	Z16XEP	0.8	ZFR6BP-G	



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OPEL								**OPEL**
MERIVA	1.6 OPC TURBO	1600	2006->2008	4	Z16LET	1	PFR6T-G	
MERIVA	1.6 OPC TURBO	1600	2009->	4	A16LET	1	PFR6T-G	
MERIVA	1.7 CDTI	1700	2004->2005	4	Z17DTH		Y-541J	
MERIVA	1.7 CDTI	1700	2006->	4	Z17 DTR		Y-8003J	
MERIVA	1.8 I	1800	2003->	4	Z18XE	0.8	BKR5EK	
MERIVA B	1.4 T	1400	2011->	4	A14NET	0.7	IFR7X-7G	
MOKKA	1.4 T	1400	2012->	4	A14NET	0.7	IFR7X-7G	
MONZA	1.6 CLS	1600	1986->1993	4	SV	0.8	BPR6ES	BP6ES
MONZA	1.6 GSI	1600	1990->1993	4	SE	0.8	BPR6ES	
MONZA	1.8 GLE,GLX	1800	1986->1990	4	SE	0.8	BPR6ES	BP6ES
MONZA	1.8 GLI	1800	1986->1989	4	SV	0.8	BPR6ES	
MONZA	2.0 CD	2000	1990->1992	4	XEH	0.8	BCPR7ES	
MONZA	2.0 CLX	2000	1993->	4	SE	0.8	BPR6ES	BP6ES
MONZA	2.0 GLE CARB	2000	1992->1993	4	SV	0.8	BPR6ES	BP6ES
MONZA	2.0 GLI	2000	1989->1993	4	SEH	0.8	BPR6ES	
MONZA	2.0 I CLI	2000	1989->1993	4	SE	0.8	BPR6ES	
OMEGA	2.2 16V B DTI	2200	2001->	4	Y22DTR		Y-523J	
OMEGA	2.2 I	2200	2001->	4	Z22XE	0.8	BKR6EK	
OMEGA	2.6 I	2600	2001->	6	Y26SE	0.8	BKR6EQUP	BKR6EQUA
OMEGA	3.2 V6	3200	2001->	6	Y32SE	0.8	BKR6EQUP	BKR6EQUA
REKORD	2.0 BERLINA	2000	1983->1987	4	20NE CIH	0.7	BPR6HS	
REKORD	2.0 GLE,CLS,CLE	2000	1988->1990	4	SEH	0.8	BPR6ES	BP6ES
REKORD	2.0 GL,GLE	2000	1988->1991	4	20SE CIH	0.8	BPR6ES	BP6ES
REKORD	2.0 I CLS,CLE	2000	1990->1995	4	SV	0.8	BPR6ES	BP6ES
REKORD	2.0 L,GL	2000	1982->1988	4	20S	0.6	BP6HS	BPR6HS
REKORD	2.2 E,GLS,BERLINA	2200	1986->1991	4	22NE CIH	0.7	BPR6HS	
REKORD	3.8 I CD,GSI	3800	1991->1995	6	GE	1.3	BPR5EFS-13	
SENATOR	3.0 E	3000	1982->1987	6	30 NE CIH	0.6	BP6HS	BPR6HS
TIGRA B	1.4 I	1400	2005->	4	Z14XEP	1.1	ZFR5F-11	
TIGRA B	1.8 I	1800	2005->	4	Z18XE	1.1	ZFR5F-11	
VECTRA	2.0 DI	2000	1996->1999	4	X20DTL		Y-604J	
VECTRA	2.0 DTI	2000	2002->	4	Y20DTH		Y-523J	
VECTRA	2.2 DTI	2200	2002->	4	Y22DTR		Y-523J	
VECTRA C	1.6 I	1600	2002->	4	Z16XE	0.8	BKR5EQUPA	
VECTRA C	1.8 I	1800	2002->	4	Z18XE	0.8	BKR5EQUPA	
VECTRA C	3.2 V6	3200	2002->	6	Z32SE	0.8	BKR5EQUPA	
VIVARO	1.9 DTI	1900	2001->	4	F9Q		Y-732J	
VIVARO	2.0 I	2000	2002->	4	F4R	1.1	PFR6G-11	BKR6E-11
ZAFIRA	1.6 I	1600	2006->	4	Z16SE	0.8	BKR5EK	
ZAFIRA	1.8 CD	1800	2001->2006	4	Z18XE	0.8	BKR5EK	
ZAFIRA	1.9 CDTI	1900	2006->	4	Z19DTL		Y-534J	
ZAFIRA	2.0 TURBO	2000	2002->	4	Z20LET	0.8	BKR5EK	
ZAFIRA	2.2 I	2200	2004->2006	4	Z22SE	1.3	TR5B-13	
ZAFIRA B	1.6 I	1600	2005->	4	Z16XEP	1.1	ZFR5F-11	
ZAFIRA B	1.6 I	1600	2008->	4	Z16XER	1.1	ZFR5F-11	
ZAFIRA B	1.8 I	1800	2005->	4	Z18XER	1.1	ZFR5F-11	
ZAFIRA B	1.9 CDTI	1900	2005->	4	Z19DTH		YE07	
ZAFIRA B	2.0 OPC	2000	2005->	4	Z20LEH	0.8	PFR6T-G	
ZAFIRA B	2.0 TURBO	2000	2005->	4	Z20LER	1.1	ZFR5F-11	
ZAFIRA B	2.2 I	2200	2005->	4	Z22YH	0.8	BKR5EQUPA	
PEUGEOT								**PEUGEOT**
1007	1.4 16V	1400	2005->	4	ET3J4	0.8	LZKAR7A	
1007	1.4 16V	1400	2005->	4		1.1	BKR6E-11	
1007	1.6 16V	1600	2005->	4	TU5JP4	0.9	LFR6B	
107	1.0 I	1000	2006->	4	1KR-FE	1.1	LFR6C-11	
2008	1.6 120 VTI	1600	2013->	4	EP6C	0.8	PLZKBR7B8DG	
206	1.4 SW	1400	2005->	4	ET3J4-KFU	0.8	LZKAR7A	
206	1.4 XR,SW, POPART	1400	2001->2004	4	TU3JP-KFX	0.8	BKR6EZ	
206	1.6 I XT,SW	1600	2001->	4	TU5JP4-NFU	0.9	LFR6B	
206	2.0 GTI,SW	2000	2001->	4	EW10J4-RFR,RFN	0.9	LFR6B	
206	2.0 HDI	2000	2004->2005	4	DW10TD		Y-504J	
206	2.0 I	2000	1999->	4	EW10J4	0.8	LFR5B	
206	2.0 S16	2000	2002->	4	EW10J4S-RFK	0.8	LFR6B	
207	1.4 16V	1400	2006->	4	KFV	0.8	LZKAR7A	
207	1.4 HDI	1400	2006->	4	DV4TD		YE04	
207	1.4 I	1400	2006->	4		0.8	BKR6EZ	
207	1.4 VTI 95	1400	2007->	4	EP3 / EP3C	0.8	PLZKBR7B8DG	
207	1.6 16V	1600	2006->	4		0.9	LFR6B	
207	1.6 16V HDI	1600	2006->	4	DV6TED4		YE04	
207	1.6 HDI	1600	2006->	4	DV6		YE05	



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PEUGEOT								**PEUGEOT**
207	1.6 RC	1600	2007->	4	EP6DTS	0.8	PLZKBR7B8DG	
208	1.0 VTI 68	1000	2012->	3	EB0	1	LZKR6AI-10G	
208	1.2 VTI 82	1200	2012->	3	EB2	1	LZKR6AI-10G	
208	1.4 95 VTI	1400	2012->	4	EP3C	0.8	PLZKBR7B8DG	
208	1.6 120 VTI	1600	2012->	4	EP6C	0.8	PLZKBR7B8DG	
208	1.6 120 VTI	1600	2012->	4	EP6C	0.8	PLZKBR7B8DG	
208	1.6 155 THP	1600	2012->	4	EP6CDT	0.8	PLZKBR7B8DG	
208	1.6 GTI	1600	2012->	4	EP6CDTXM	0.8	PLZKBR7B8DG	
208	1.6 HDI 115	1600	2012->	4	DV6C		Y-8001AS	
208	1.6 HDI 92	1600	2012->	4	DV6TED		Y-8001AS	
3008	1.6 155 THP	1600	2009->	4	EP6CDT	0.8	PLZKBR7B8DG	
3008	1.6 VTI	1600	2009->	4	EP6	0.8	PLZKBR7B8DG	
3008	2.0 16V HDI	2000	2009->	4	DW10CTED4		Y-8001AS	
305	1.5 GR FWD	1500	1979->1989	4	XR5	0.8	BP6EFS	BPR6EFS
305	1.5 SR FWD	1500	1979->1989	4	XR5S	0.8	BP6EFS	BPR6EFS
306	1.6 XR,XT	1600	1998->2001	4	TU5.JP	0.8	BKR6EK	
306	1.8 CABRIOLET	1800	1998->2002	4	XU7.JP4	0.8	BCPR6ET	BCPR6ES
306	2.0 GTI	2000	1999->2001	4	XU10.J4RS	0.8	BKR5EZ	
306	2.0 XSI	2000	1995->2000	4	XU10.J2	0.8	BCPR6ET	BCPR6ES
307	1.4 I	1400	2004->	4	ET3J4 KFU	0.8	LZKAR7A	
307	1.6 HDI	1600	2004->2006	4	DV6TED4		YE04	
307	1.6 XT,XS,CC,SW	1600	2001->	4	TU5JP4-NFU	0.9	LFR6B	
307	2.0 CC,SW	2000	2003->	4	EW10J4-RFN	0.9	LFR5B	
307	2.0 COUPE	2000	2003->	4	EW10J4	0.9	LFR5B	
307	2.0 I	2000	2006->	4	EW10A	0.9	LFR5B	
307	2.0 XS HDI	2000	2001->2005	4	DW10TD		Y-504J	
308	1.2	1200	2015->	3	EB2	1	LZKR6AI-10G	
308	1.6 125THP	1600	2013->	4	EP6CDT	0.8	PLZKBR7B8DG	
308	1.6 16V	1600	2007->	4	EP6DT	0.8	PLZKBR7B8DG	
308	1.6 T	1600	2013->	4	EP6CDT	0.8	PLZKBR7B8DG	
308	2.0 HDI	2000	2007->	4	DW10BTED4		Y-1005J	
308	2.0 HDI	2000	2007->2009	4	DW10BTED		Y-1005J	
308	2.0 HDI 140	2000	2010->	4	DW10BTED		Y-1005J	
4008	2.0 I	2000	2012->	4	4B11	0.8	FR6EI	
404	1.7 LCV	1700		4		0.6	B6L	
404	1.8 GL	1800	1965->	4		0.8	BPR6ES	BP6ES
405	1.6 GR	1600	1968->1980	4	XU5	0.8	BCPR6ES	BCP6ES
405	1.8 GR	1800	1995->1997	4	XU7JP	0.8	BKR5EK	
405	1.9 GR	1900	1987->1995	4	XU92C	0.8	BCPR6ES	BCP6ES
405	2.0 SRI	2000	1995->1997	4	XU10J2	0.8	BKR5EK	
406	1.8 E,16V	1800	2001->	4	EW7J4-6FZ	0.9	LFR5B	
406	2.0 COUPE	2000	2001->	4	EW10J4-RFR	0.9	LFR5B	
406	2.0 D ST	2000	2002->2004	4	DW10TD/ED		Y-504J	
406	2.0 ST	2000	1996->1997	4	XU10J4R	0.8	BKR5EK	
406	2.2 COUPE	2200	2001->	4	EW12J4-3FZ	0.9	LFR5B	
406	2.2 HDI PHASE 2	2200	2000->2003	4	DW12TED4		Y-504J	
406	3.0 SV	3000	2000->	6	ES9J4	0.8	BKR6EK	
406	3.0 V6	3000	2000->2005	6	ES9J4S-XFX	1.1	PLFR5A-11	
407	2.0 HDI	2000	2004->	4	DW10TED		Y-504J	
407	2.0 SW,ST	2000	2004->	4	EW10J4-RFR	0.9	LFR5B	
407	2.2 ST	2200	2004->	4	EW12J4-3FZ	0.9	LFR5B	
407	3.0 ST	3000	2004->	6	ES9J4S-XFX	1.1	PLFR5A-11	
5008	1.6 THP	1600	2009->	4	EP6CDT	0.8	PLZKBR7B8DG	
504	1.8 GR,L	1800	1976->1980	4	XM7	0.8	BPR6ES	BP6ES
505	2.0 SR	2000	1980->1985	4	XN,XM	0.8	BPR6ES	BP6ES
505	2.0 STI	2000	1980->1985	4	ZEJ	0.8	BP6EFS	BPR6EFS
505	2.2 GTI	2000	1984->1985	4	ZAJ	0.8	BP6EFS	BPR6EFS
505	2.2 TURBO	2200	1984->1988	4	N9T	0.8	BR7ES	
505	2.5 TD	2500	1986->1993	4	XD 3 TE		Y-924J	
508	1.6 THP	1600	2011->	4	EP6CDT	0.8	PLZKBR7B8DG	
508	1.6 VTI	1600	2011->	4	EP6C	0.8	PLZKBR7B8DG	
508	2.0 HDI 140	2000	2010->	4	DW10BTED4		Y-1005J	
508	2.0 HDI 165	2000	2010->	4	DW10CTED4		Y-8001AS	
605	2.0 SRI	2000	1996->1997	4	XU10.J2Z	0.8	BCPR6ET	BCPR6ES
605	3.0 SRI V6	3000	1995->1997	6	ZPJ	0.8	BCPR6ET	BCPR6ES
607	2.0 E	2000	2001->	4	EW10J4-RFN	0.9	LFR5B	
607	2.2 16V HDI	2200	2000->	4	DW12TED4		Y-504J	
607	2.2 E	2200	2001->	4	EW12J4-3FZ	0.9	LFR5B	
607	3.0 V6	3000	2002->	6	ES9J4S	1.1	PLFR5A-11	
806	1.9 D	1900	1994->2001	4	XUD9TF		Y-924J	
806	2.0 16V	2000	2001->	4	EW10J4-RFR	0.9	LFR5B	
806	2.0 ST	2000	1998->2000	4	XU10J2	0.8	BKR6EK	



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PEUGEOT								**PEUGEOT**
807	2.2 HDI	2200	2002->	4	DW12TED4,4HW		Y-504J	
807	2.2 ST,SV	2200	2003->	4	EW12J4-3FZ	0.9	LFR5B	
807	3.0 V6	3000	2002->	6	ES9J4S-XFX	1.1	PLFR5A-11	
BOXER 2	2.0 HDI	2000	1998->	4	DW10D		Y-504J	
BOXER 2	2.2 HDI	2200	2001->	4	DW10TED4		Y-504J	
BOXTER	2.2 HDI	2200	2001->2006	4	DW12UTED		Y-1005J	
EXPERT	2.0 D	2000	2000->	4	DW10TED		Y-504J	
EXPERT	2.0 HDI	2000	2000->	4	DW10ATED		Y-504J	
EXPERT	2.0 HDI	2000	2000->	4	DW10TED		Y-504J	
EXPERT	2.0 HDI	2000	2006->	4	DW10BTED4		Y-1005J	
EXPERT	2.0 HDI	2000	2006->	4	DW10UTED4		Y-1005J	
PARTNER	1.6 HDI	1600	2006->	4	DV6		YE05	
PARTNER	1.6 I	1600	2001->	4	TU5JP4-NFU	0.9	LFR5B	
PARTNER	1.9 D COMBI	1900	2003->	4	XUD9A		Y-924J	
PARTNER	1.9 D MULTISPACE	1900	1998->	4	DW8 / DW8B		Y-503J	
PARTNER	2.0 HDI MULTISPACE,COMBI	2000	1999->2002	4	DW10TD		Y-504J	
RCZ	1.6 THP	1600	2010->	4	EP6CDT	0.8	PLZKBR7B8DG	
RCZ	1.6 THP	1600	2010->	4	EP6CDTX	0.8	ILZKBR7B8DG	
PORSCHE								**PORSCHE**
911	3.0 SC	3000	1981->1983	6	930.1	0.8	BR8EIX	BR8ES
911	CARREA 997	3600	2004->	6	M96.05	0.8	BKR7EQUP	
911	CARREA 997	3600	2004->	6	M96.05	0.8	BKR7EQUP	
911	CARREA S 997	3800	2004->	6	M97.01	0.8	BKR7EQUP	
911	CARRERA	3200	1985->1989	6	930.20/26	0.8	BR8ES	
911	CARRERA 2 964	3600	1990->1993	6	M64.02	0.8	BCPR7ET	BCPR7ES
911	CARRERA 4 964	3600	1990->1994	6	M64.01	0.8	BCPR7ET	BCPR7ES
911	CARRERA 996	3400	1999->2000	6	M96.02	0.8	BKR6EQUP	BKR6EQUA
911	CARRERA S 997	3800	2004->	6	M97.01	0.8	BKR7EQUP	
911	GT3 996	3600	2001->2004	6	M96.76	0.8	BKR7EIX	
911	TURBO 964	3300	1985->1989	6	M30.69	0.8	B8ES	BR8ES
911	TURBO 996	3600	2001->2006	6	M96.70	0.8	BCPR7ET	BCPR7ES
911	TURBO 996	3600	2001->2006	6	M96.70	0.8	BCPR7ET	BCPR7ES
924	2.0 S	2000	1975->1985	4		0.8	BPR7ES	
924	2.0 TURBO	2000	1980->1983	4	M31.03	0.8	BR8EIX	BR8ES
924	924 S	2500	1985->1988	4	M44.07,08,09,10	0.8	BPR6ES	BP6ES
928	928 GTS	5400	1991->1995	8	M28.49	0.8	BP6ET	BP6ES
928	928 S	4500	1985->1992	8	M28.21	0.8	BPR6ES	BP6ES
944	2.5 TURBO	2500	1985->1991	4	M44.50	0.8	BPR6ES	BP6ES
968	3.0 CS	3000	1991->1995	6	M44.43	0.8	BP6ET	BP6ES
BOXSTER	2.7 987	2700	2004->	6	M96.25	0.8	BKR7EQUP	
BOXSTER	2.7 987	2700	2005->	6	M96.25	0.8	BKR7EQUP	
BOXSTER	2.7 TIPTRONIC	2700	2002->	6	M96.20	0.8	BKR6EK	
BOXSTER	2.9 987	2900	2008->	6	M96.25/20	0.8	BKR7EQUP	
BOXSTER	3.2 986 S	3200	2002->	6	M96.24	0.8	BKR6EQUP	BKR6EQUA
BOXSTER	3.4 987	3400	2006->	6	M97.21	0.8	BKR7EQUP	
BOXSTER	3.4 987	3400	2008->	6	M97.26/21	0.8	BKR7EQUP	
CAYENNE	3.2 955	3200	2004->	6	MO2.2Y BFD	0.8	IZKR7B	
CAYENNE	3.6 I	3600	2010->	6	M55.02	0.8	ILZKR8A	
CAYENNE	3.6 I	3600	2010->	6	M55.02	0.8	ILZKR8A	
CAYENNE	3.6 V6	3600	2010->	6	M55.01	0.8	ILZKR7A	
CAYENNE	4.5 S	4500	2005->	8	M48.00	0.8	BKR6EQUP	BKR6EQUA
CAYENNE	4.5 TURBO	4500	2005->	8	M48.50	0.8	PFR7Q	
CAYENNE	4.8 TURBO	4800	2011->	8		0.8	ILFR7H	
CAYMAN	2.7 S	2700	2006->	6	M97.20	0.8	BKR7EQUP	
CAYMAN	3.4 S	3400	2005->	6	M97.21	0.8	BKR7EQUP	
PROTON								**PROTON**
ARENA	1.5 I	1500	2006->	4	4G15	1.1	BPR5ES-11	
GEN 2	1.6 16V	1600	2006->	4	4G92	1.3	BPR6EF-13	
PERSONA	1.6 I	1600	2009->	4	4G92	1.3	BPR6EF-13	
PERSONA	1.8 I	1800	2005->	4	4G92	1.1	BKR6E-11	
PERSONA	2.0 I V6	2000	2005->	6	MDI	1.1	PFR6J-11	BKR6E-11
SATRIA	1.3 I	1300	2005->	4		0.8	BPR5ES	BP5ES
SATRIA	1.6 I	1600	2005->	4	4G92	1.1	BKR6E-11	
SAVVY	1.2 I	1200	2005->	4	D4F	0.8	LZKAR7A	
WIRA	1.5 I	1500	2005->	4	4G15	1.1	BPR5ES-11	
WIRA	1.6 I	1600	2005->	4	4G92	1.1	BKR6E-11	
WIRA	1.8 I	1800	2005->	4	4G93	1.1	BKR6E-11	



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RENAULT								**RENAULT**
AVANTIME	2.2 D	2200	2002->2003	4			Y-517J	
CAPTUR	0.9 T	900	2015->	3	H4BT	0.7	ILKAR7F-7G	
CAPTURE	1.2 TCE 120	1200	2013->	4	H5F 403	0.7	ILKAR7J7G	
CLIO	1.2 16V	1200	2004->	4	D4F728,D4F722	0.8	LZKAR7A	
CLIO	1.2 I	1200	2001->	4	D7F 720,722	0.8	BKR5EK	
CLIO	1.4 RT 8V	1400	1999->2001	4	E6J, E7J	0.8	BCPR6ES	BCP6ES
CLIO	1.6 16V	1600	1999->	4	K4M	0.8	BKR6EK	
CLIO	2.0 16V	2000	1998->	4	F7R 700	0.8	BKR6EK	
CLIO 2	1.2 16V	1200	2003->	4	D4F-712	0.8	LZKAR7A	
CLIO 2	1.4 RT 16V	1400	2001->	4	K4J-712	0.8	BKR6EK	
CLIO 2	1.5 DCI PHASE 2	1500	2001->	4	K9K-702		Y-732J	
CLIO 2	1.9 D	1900	1999->2003	4	F8Q 632		Y-516J	
CLIO 2	2.0 16V RS SPORT	2000	2000->	4	F4R 730	1	PFR6E-10	BKR6E-11
CLIO 2	3.0 V6	3000	2001->	6	L7X	1	PFR6E-10	BKR6E-11
CLIO 3	1.2 16V	1200	2007->	4	D4F 722,740,772	0.8	LZKAR7A	
CLIO 3	1.2 TCE	1200	2007->	4	D4F 780	0.7	ILKAR7A-7	
CLIO 3	1.4 16V	1400	2006->	4	K4J 780	0.8	BKR6EZ	
CLIO 3	1.5 DCI	1500	2006->	4	K9K 764,766,768		Y-732J	
CLIO 3	1.6 16V VVT	1600	2006->	4	K4M 800,801,804	0.8	BKR6EZ	
CLIO 3	2.0 WILLIAMS 16S	2000	1993->1996	4	F7R700	0.8	BKR6EKUB	
CLIO 3	2.0 16V RS	2000	2008->	4	F4R830	0.8	PFR7Z-TG	
CLIO 4	0.9 T	900	2013->	3	HB4T	0.7	ILKAR7F-7G	
CLIO 4	1.2 I	1200	2012->	4	D4F 740	0.7	ILKAR7A-7	
CLIO 4	1.5 DCI 75	1500	2012->	4	K9K 612		Y-1035AS	
CLIO 4	1.5 DCI 90	1500	2012->	4	K9K 608		Y-1035AS	
CLIO 4	1.6 RS CUP	1600	2013->	4	M5M 400	0.9	DILKAR7C-9H	
DUSTER	1.5 DCI	1500	2012->	4	K9K		Y-1035AS	
DUSTER	1.6 16V	1600	2011->	4	K4M	0.8	BKR6EZ	
ESPACE	2.0 MPV	2000	1996->1997	4	J7R	0.8	BP6EFS	BPR6EFS
ESPACE	2.8 MPV	2800	1996->2003	6	Z7W-712	0.8	BP7EFS	
ESPACE	3.0 I	3000	1998->	6	L7X	1	PFR6E-10	BKR6E-11
ESPACE 4	2.0 16V	2000	2003->	4	F4R	1.1	PFR6G-11	BKR6E-11
ESPACE 4	2.2 DCI	2200	2005->	4	G9T		Y-517J	
ESPACE 4	3.5 V6	3500	2003->	6	V4Y-711	1.1	PLFR5A-11	
FLUENCE	1.5 DCI	1500	2010->	4	K9K 830/832/834/836		Y-1035AS	
FLUENCE	1.6 16V	1600	2010->	4	K4M 838/ 839	0.8	BKR6EZ	
FLUENCE	2.0 16V	2000	2010->	4	M4R 714 /751	1.1	PLZKAR6A-11	
FUEGO	1.6 TURBO	1600	1983->1986	4	A5L	0.8	B8ES	BR8ES
FUEGO	2.1 TDI	2100	1982->1984	4	J8S		Y-924J	
GRAND ESPACE	1.9 DCI	1900	2002->	4	F9Q		Y-732J	
GRAND ESPACE	2.2 DCI	2200	2003->	4	G9T		Y-517J	
GRAND ESPACE	3.0 RXT	3000	2001->	6	Z7X	0.8	BCPR6ET	BCPR6ES
GRAND SCENIC	1.5 DCI	1500	2004->	4	K9K		Y-732J	
GRAND SCENIC	1.6 16V	1600	2004->	4	K4M	0.8	BKR6EZ	
GRAND SCENIC	1.9 DCI	1900	2004->	4	F9Q		Y-732J	
GRAND SCENIC	2.0 16V	2000	2004->	4	F4R	0.8	BKR6EZ	
GRAND SCENIC	2.0 16V	2000	2004->	4	F4RT	1.1	PFR6G-11	BKR6E-11
KANGOO	1.4 I	1400	2000->	4	K7J	0.8	BKR5EZ	
KANGOO	1.9 D	1900	1998->	4	F9Q		Y-732J	
KANGOO	1.9 D	1900	1998->	4	F8Q		Y-506J	
KANGOO 2	1.6 I	1600	2003->	4	K4M	0.8	BKR6EZ	
KANGOO EXPRESS	1.4 EXPRESS	1400	2001->	4	EJ7	0.8	BCP5ES	BCPR5ES
KANGOO EXPRESS	1.5 DCI EXPRESS	1500	2004->	4	K9K		Y-732J	
KANGOO EXPRESS	1.9 DCI	1900	2004->	4	F9Q		Y-732J	
KOLEOS	2.5 I	2500	2008->	4	2TR700,702,703	1.1	DILKAR6A-11	
LAGUNA	1.8 RN, RT, ESTATE	1800	1996->1998	4	F3P	0.8	BPR6ES	BP6ES
LAGUNA	2.0 RT, RXE, ESTATE	2000	1996->1998	4	F3R	0.8	BPR6ES	BP6ES
LAGUNA	2.0 RXT	2000	1997->2001	4	N7Q	0.8	BKR6EK	
LAGUNA	3.0 RXT 24V	3000	1998->2001	6	L7X 700,701	1	PFR6E-10	BKR6E-11
LAGUNA	3.0 V6	3000	1996->1998	6	Z7X	0.8	BKR6EK	
LAGUNA 2	1.8 I	1800	2002->2005	4	F4P-760	0.8	BKR6E	
LAGUNA 2	1.9 EX	1900	2003->2005	4	F9Q C750		Y-732J	
LAGUNA 2	2.0 I	2000	2002->2005	4	F3R	0.8	BKR6EK	
LAGUNA 2	2.0 TURBO	2000	2003->	4	F4RT	1.1	PFR6G-11	BKR6E-11
LAGUNA 2	3.0 V6	3000	2001->2005	6	L7X-731	1.1	PLFR5A-11	
LAGUNA 3	1.6 16V	1600	2007->	4	K4M	0.8	BKR6EZ	
LAGUNA 3	2.0 16V	2000	2007->	4	F4R	0.8	BKR6EZ	
LAGUNA 3	2.0 TURBO	2000	2007->	4	F4R762	1.1	PFR6G-11	BKR6E-11
LAGUNA 3	2.0 TURBO	2000	2007->	4	F4R830	0.8	PFR7Z-TG	
LOGAN	1.6 I	1600	2005->	4	K7M	0.8	BKR6EK	
MEGANE	1.4 RTE	1400	1999->2003	4	E7J,K4J	0.8	BKR6E	
MEGANE	1.4 TCE	1400	2008->	4	H4JT.700	0.7	ILKAR7A-7	



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Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval
RENAULT								**RENAULT**
MEGANE	1.4 TCE 130	1400	2009->	4	H4J 700	0.7	ILKAR7A-7	
MEGANE	1.5 DCI	1500	2003->	4	K9K		Y-732J	
MEGANE	1.6 16V	1600	2008->	4	K4M 858	0.8	BKR6EZ	
MEGANE	1.6 L	1600	2003->	4	K4M760	0.8	BKR6E	
MEGANE	1.6 RN, RT, COUPE	1600	1997->1999	4	K7M	0.8	BKR6E	
MEGANE	1.8 I	1800	2001->	4	F4P	1.1	BKR6E-11	
MÉGANE	1.9 DCI	1900	2003->	4	F9Q800		Y-732J	
MEGANE	1.9 DCI	1900	2008->	4	F9Q870/874		Y-1036AS	
MÉGANE	1.9 DTI PHASE 2	1900	2001->	4	F9QT770		Y-732J	
MEGANE	2.0 16V	2000	2003->	4	F4R	0.8	BKR6E	
MEGANE	2.0 16V	2000	2005->	4	F4R 760	1.1	PFR6G-11	BKR6E-11
MEGANE	2.0 COUPE	2000	1997->1998	4	F7R	0.8	BKR6EK	
MEGANE	2.0 RS	2000	2006->	4	F4R 830	0.8	PFR7Z-TG	
MEGANE	2.0 RS TURBO	2000	2005->	4	F4RT.774	1.1	PFR7G-11	
MEGANE	2.0 RS TURBO	2000	2007->	4	F4RT.774	0.8	PFR7Z-TG	
MEGANE	2.0 RXE	2000	1997->1999	4	F3R	0.8	BKR6E	
MEGANE COUPE	2.0 I	2000	1999->	4	IDE	0.9	LFR5B	
MODUS	1.2 16V	1200	2005->	4	D4F	0.8	LZKAR7A	
MODUS	1.4 16V	1400	2005->	4	K4M	0.8	BKR6EZ	
MODUS	1.5 DCI	1500	2005->	4	K9K		Y-732J	
MODUS	1.6 16V	1600	2005->	4	K4J	0.8	BKR6EZ	
R11	1.4 TS	1400	1985->1986	4	C1J 715/ C2 J73	0.8	BPR6ES	BP6ES
R11	1.7 TX,TXE	1700	1985->1986	4	F2N / F3N-708	0.8	BPR6ES	BP6ES
R5	1.3 VAN	1300	1980->1985	4		0.6	BP6HS	BPR6HS
R5	1.3 GTL	1300	1977->1985	4		0.8	BPR5ES	BP5ES
R5	1.3 TS,LS	1300	1975->1982	4		0.6	BP6HS	BPR6HS
R9	1.4 TSE,TL,GTI	1400	1983->1986	4		0.8	BPR6ES	BP6ES
R9	1.7 TXE	1700	1984->1986	4	F2N/ F3N-708	0.8	BPR7ES	
RAPID	1.9 EXPRESS	1900	1994->	4	F8Q640		Y-927J	
SAFRANE	2.1 DT RN,RT	2100	1992->1996	4	J8S760		Y-924J	
SAFRANE	2.2 PHASE 2 DT RTE,RXE,RXT	2200	1996->2000	4	G8T740		Y-730U	
SAFRANE	2.5 DT RN,RT,RXE	2500	1993->1996	4	S8U762/763		Y-924J	
SAFRANE	2.5 I	2500	1995->	5	N7U	0.8	BCPR6ES	BCP6ES
SANDERO	1.2 16V	1200	2013->	4	D4F 734/732	0.8	LZKAR7A	
SANDERO	1.4 I	1400	2010->	4	K7J 710	0.8	BKR6E	
SANDERO	1.5 DCI	1500	2010->	4	K9K 796		Y-732J	
SANDERO	1.5 DCI 75	1500	2013->	4	K9K 838		Y-1035AS	
SANDERO	1.5 DCI 90	1500	2013->	4	K9K 612		Y-1035AS	
SANDERO	1.6 16V	1600	2008->	4	K4M 858	0.8	BKR6EZ	
SANDERO	1.6 MPI	1600	2010->	4	K7M 710	0.8	BKR6EK	
SCENIC	1.5 DCI	1500	2004->	4	K9K		Y-732J	
SCENIC	1.6 I	1600	1998->1999	4	K7M 702 703 720	0.8	BKR5EZ	
SCENIC	1.9 DCI	1900	2003->2004	4	F9Q 718,731,736		Y-732J	
SCENIC	1.9 DCI	1900	2005->2008	4	F9Q 804		Y-732J	
SCENIC	2.0 RXI	2000	1998->2000	4	N7Q	0.8	BKR6EK	
SCENIC 2	1.4 RTE	1400	2001->2004	4	K4J	0.8	BKR6EK	
SCENIC 2	1.6 I	1600	1998->	4	K4M	0.8	BKR6EZ	
SCENIC 2	2.0 NR4	2000	2000->	4	F4R 740,744	0.8	BKR6E	
SCENIC 3	1.4 TCE	1400	2009->	4	H4J	0.7	ILKAR7A-7	
SCENIC 3	2.0 16V	2000	2009->	4	M4R 710	1.1	PLZKAR6A-11	
TRAFIC	1.9 DCI	1900	2005->	4	F9Q762		Y-732J	
TWINGO	0.9 TCE 90	900	2014->	3	H4B 401	0.7	ILKAR7J7G	
TWINGO	1.2 I	1200	2007->	4	D4F-722,740,764	0.8	LZKAR7A	
TWINGO 2	1.5 DCI 75	1500	2010->	4	K9K 820		Y-1035AS	
TWINGO 2	1.5 DCI 90	1500	2010->	4	K9K 820		Y-1035AS	
TWINGO 2	1.6 I	1600	2008->	4		0.8	PFR7Z-TG	
ROGUE JEEP								**ROGUE JEEP**
CJ5	1.9 L	1900	1985->	4	VW	0.8	BPR6ES	BP6ES
ROLLS ROYCE								**ROLLS ROYCE**
PHANTOM	6.7 FI V12	6700	2003->2005	12		0.8	BKR6EQUP	BKR6EQUA
ROVER								**ROVER**
75	1.8 TURBO	1800	2004->	4	K SERIES	1.1	PFR6N-11	BKR6E-11
75	2.5 CLUB,CONN.,TOURER	2500	2003->	6	KV6	1.1	PFR6N-11	BKR6E-11
MAESTRO	2.0 TD	2000	1989->	4	PERKINS-PRIMA 80 T		Y-924J	
MAESTRO	500, 700 D	2200	1986->1989	4			Y-924J	
ROVER	2.6 SD	2600	1978->1984	6		R60.8	BPR6ES	BP6ES
ROVER	3.5 SDS,SDE V8	3500	1978->1984	8		0.8	BPR5ES	BP5ES



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SAAB								**SAAB**
3-SEP	1.8 TURBO	1800	2002->	4	B207L	1	PFR6T-G	
3-SEP	1.9 DTH	1900	2005->	4	Z19DTH		YE07	
3-SEP	2.0 BI TURBO	2000	2007->	4	Z20NFL	0.8	BCPR7ES	
3-SEP	2.0 T	2000	1998->	4	B204L	0.8	BCPR7ES	
3-SEP	2.3 I	2300	1997->2002	4	B235R	1.1	PFR6G-11	BKR6E-11
5-SEP	2.0 I	2000	2007->	4	A20NHL	0.8	BCPR7ES	
5-SEP	2.3 AERO TURBO	2300	1998->2006	4	B205L	1.1	PFR6G-11	BKR6E-11
5-SEP	2.3 SE,TURBO	2300	1998->2006	4	B235E	0.8	BCPR7ES	
5-SEP	3.0 GRIFFIN V6	3000	1998->2006	6	B308E	0.8	BCPR7ES	
900	2.0 SE	2000	1994->1998	4	B202	0.8	BCPR7ES	
900	2.0 SE TURBO	2000	1994->	4	B202L	0.8	BCP7EVX	BCP7ES
9000	2.3 CD, CS, CDE, CSE	2300	1990->	4	B234	0.8	BCPR7ES	
9000	3.0 V6	3000	1990->	6	B308	0.8	BKR5EK	
SEAT								**SEAT**
ALTEA	1.6 FI	1600	2006->	4	BGU,BSE	1	BKUR6ET-10	
ALTEA	1.8 TFSI	1800	2009->	4	CDAA	0.8	PFR7S8EG	
ALTEA	1.9 TDI	1900	2006->	4	BXE		Y-607AS	
ALTEA	2.0 FSI	2000	2004->2005	4	BLR	1.1	PZFR5N-11T	
ALTEA	2.0 FSI	2000	2004->2005	4	BLY	0.8	BKR6E	
ALTEA	2.0 TDI	2000	2004->	4	BKD		YE-14	
ALTEA	2.0 TDI	2000	2006->	4	BMM		Y-607AS	
ALTEA	2.0 TFSI	2000	2006->	4	BWA	0.8	PFR7S8EG	
IBIZA	1.4 FSI	1400	2009->	4	CAVF	0.8	PZFR6R	
IBIZA	1.4 I	1400	2006->	4	BXW	1.1	ZFR6T-11G	
IBIZA	1.4 I	1600	2006->	4	BXW	1.1	ZFR6T-11G	
IBIZA	1.4 TFSI	1400	2009->	4	CAVE	0.8	PZFR6R	
IBIZA	1.4I	1400	2008->	4	CGGB	1.1	ZFR6T-11G	
IBIZA	1.6 FI	1600	2007->	4	BAH	1.1	PZFR5D-11	
IBIZA	1.6 I	1600	2006->	4	BTS	1.1	ZFR6T-11G	
IBIZA	1.8 CUPRA	1800	2006->	4	BBU,BLZ	0.8	PFR6Q	BKR6E
IBIZA	1.9 TDI CUPRA	1900	2006->	4	BPX		Y-741U	
IBIZA	2.0 I	2000	2004->	4	BBX	1	BKUR6ET-10	
LEÓN	1.6 I	1600	2004->	4	AEH, AKL	1	BKUR6ET-10	
LEÓN	1.6 I	1600	2009->	4	CCSA	1	BKUR6ET-10	
LEÓN	1.8 20V	1800	2004->	4	ARY	0.8	PFR6Q	BKR6E
LEÓN	1.8 TFSI	1800	2009->	4	CDAA	0.8	PFR7S8EG	
LEÓN	2.0 FSI	2000	2005->	4	BLR,BVZ,BVY	1.1	PZFR5N-11T	
LEÓN	2.0 FSI	2000	2006->2009	4	BWJ	0.8	PFR7S8EG	
LEÓN	2.0 TDI	2000	2005->	4	BKD		YE-14	
LEÓN	2.0 TDI	2000	2005->2007	4	BMM		Y-607AS	
LEÓN	2.0 TFSI	2000	2005->2006	4	BWA	0.8	PFR7S8EG	
LEÓN	2.3 16V	2300	2003->	5	AQN	1.1	PZFR5D-11	
LEÓN	2.8 FSI	2800	2004->	6	BDE	1.1	PZFR5D-11	
SMART								**SMART**
1000	1.0 FOR TWO	1000	2008->	3	M132.930	0.9	LKR7B-9	
600	0.6 I	600	1998->2003	3	M160	0.8	BKR6EKE	
700	0.7 I	700	2002->2005	3	M160.01	0.7	LKR8A	
700	0.7 ROADSTER	700	2003->2005	3	M160.01	0.7	LKR8A	
FORFOUR	1.3 I	1300	2004->2006	4	M135.930	1.1	LFR6C-11	
FORFOUR	1.5 I	1500	2004->2006	4	M135.950	1.1	LFR6C-11	
FORTWO	0.7 I	700	2004->	3	M160.01	0.7	LKR8A	
FORTWO	1. 0 T	1000	2012->	3	M132.930	0.9	LKR7B-9	
FORTWO	1	1000	2007->	3	M132.910	0.9	LKR7B-9	
SSANGYONG								**SSANGYONG**
ACTYON	2.0 XDI	2000	2006->	4			Y-536J	
ACTYON	2.7 XDI	2700	2007->	5			Y-536J	
KORANDO	2.0 I	2000	1996->	4	M111.940	0.8	BCP5ES	BCPR5ES
KORANDO	K230 EL	2300	1997->	4	E23	1.1	BKR5E-11	
KORANDO	K290 EL	2900	2000->	4			Y-916J	
KORANDO	K320 EL	3200	1997->	6		1.1	BKR5E-11	
KORANDO	K601,K602 EL	2900	1997->1999	6	M602		Y-916J	
KYRON	2.0 XDI	2000	2006->	4			Y-536J	
KYRON	2.7 XDI	2700	2007->	5			Y-536J	
MUSSO	2.9 S TD SPORTS	2900	2005->	5			Y-916J	
MUSSO	602 D	2900	1993->2000	5	MB-OM 602		Y-916J	
MUSSO	E 230	2300	1997->	4	M111	0.8	BKR5ES	



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SSANGYONG								**SSANGYONG**
MUSSO	E 320	3200	1997->	6	M104	0.8	BKR5ES	
REXTON	RX 230	2300	2002->	4	G23D	0.8	BCPR6ES	BCP6ES
REXTON	RX 270 XDI	2700	2005->2006	5	D27DT		Y-536J	
REXTON	RX 270 XDI	2700	2006->	5	D27DT		Y-537AS	
REXTON	RX 290 S	2900	1999->	5			Y-916J	
REXTON	RX 320 I	3200	2002->	6	G32D	0.8	BCPR6ES	BCP6ES
RODIUS	2.7 D	2700	2005->	5	CRD		Y-745U	
STAVIC	270 SVD	2900	2005->	5			Y-745U	
STAVIC	320 SV	3200	2006->	6		0.8	BCPR6ES	BCP6ES
SUBARU								**SUBARU**
FORESTER	2.0 GL	2000	2005->	4	EJ20	0.8	ILFR6B	
FORESTER	2.0 GL,GX,GT	2000	1998->	4	EJ20	0.8	BKR6E	
FORESTER	2.0 GT	2000	2008->	4	EJ20	0.8	ILFR6B	
FORESTER	2.0 X	2000	2008->	4	EJ204	1.1	SILFR6A-11	
FORESTER	2.0 XT	2000	2013->	4	G85	0.6	ILKAR8H-6	
FORESTER	2.5 I	2500	2005->	4	EJ25	1.1	PFR6G-11	BKR6E-11
FORESTER	2.5 I	2500	2006->2008	4	EJ25	0.8	ILFR6B	
FORESTER	2.5 I	2500	2008->	4	EJ25	0.8	ILFR6B	
IMPREZA	1.5 R	1500	2007->	4	EJ15	0.8	ILFR6B	
IMPREZA	1.8 GL/GT	1800	1994->1996	4	EJ18	0.8	BKR6E	
IMPREZA	2.0 I	2000	2010->	4	EJ204	1.1	SILFR6C11	
IMPREZA	2.0 R	2000	2006->	4	EJ20	0.8	ILFR6B	
IMPREZA	2.0 R	2000	2007->	4	EK20	0.8	ILFR6B	
IMPREZA	2.0 RS	2000	2004->	4	EJ20	1.1	BKR6E-11	
IMPREZA	2.0 WRX STI	2000	2004->	4	EJ20	1.1	PFR6G-11	BKR6E-11
IMPREZA	2.0 WRX TURBO	2000	1995->	4	EJ20	0.8	PFR6B	BKR6E
IMPREZA	2.5 WRX STI	2500	2005->2007	4	EJ25	0.8	ILFR6B	
IMPREZA	2.5 WRX STI	2500	2008->	4	EJ25	1.1	SILFR6A-11	
LEGACY	2.0 GL	2000	1996->	4	EJ20	1.1	BKR6E-11	
LEGACY	2.0 L	2000	2004->	4	EJ20	1.1	BKR6E-11	
LEGACY	2.2 GX 4X4	2200	1994->1999	4	EJ22	1.1	BKR6E-11	
LEGACY	2.5 GL	2500	1998->2003	4	EJ25	1.1	BKR6E-11	
LEGACY	2.5 GX	2500	1998->	4	EJ25	1.1	BKR6E-11	
LEGACY	3.0 R	3000	2005->	6	EZ30	0.8	ILFR6B	
OUTBACK	2.5 I	2500	2003->2008	4	EJ25	1.1	PFR6B-11	BKR6E-11
OUTBACK	2.5 I	2500	2006->	4	H4 EJ255	1.1	ILFR6T-11	LFR6C-11,
OUTBACK	2.5 I	2500	2009->	4	EJ253	1.1	SIFR6A-11	
OUTBACK	3.0 I	3000	2006->	6	H6 EZ30D	1.1	ILFR6T-11	LFR6C-11,
OUTBACK	3.6 R	3600	2009->	6	EZ36D	1.1	SILFR6C11	
SPORTS COUPE	3.3 SVX 4X4	3300	1994->	6	EG33	1.1	BKR6ES-11	
TRAVIQ	2.2 16V	2200	2001->2005	4		1	LTR6B-10T	
TRIBECA	3.0 B9	3000	2006->	6	EZ30	0.8	ILFR6B	
TRIBECA	3.6 L 24V	3600	2007->	6	EJ36	1.1	SILFR6A-11	
XV	2.0 I	2000	2012->	4	FB20A/ FB20B	1.1	SILZKAR7B11	
SUZUKI								**SUZUKI**
ALTO	1.0 GL	1000	2009->	4	G10B	1.1	BKR6E-11	
ALTO	1.0 GL,GLS	1000	2009->	4	K10B	1	KR6A-10	
ALTO	1.0 I	1000	2009->	3	K10B	1.1	IKR6G-11	
GRAND VITARA	1.6 16V MULTI-POINT INJECT	1600	1999->	4	G16B	0.8	BKR6E	
GRAND VITARA	1.6 I VVT	1600	2005->	4	M16A	1.1	IFR6J-11	BKR6E-11
GRAND VITARA	2.0 I	2000	1998->2000	4	J20A	1.1	BKR6E-11	
GRAND VITARA	2.0 JB420	2000	2005->	4	J20A	1.1	IFR6J-11	BKR6E-11
GRAND VITARA	2.4 I	2400	2008->	4	J24B	1.1	SILFR6A-11	
GRAND VITARA	2.4 VVT	2400	2008->	4	J24B	1.1	SILFR6A-11	
GRAND VITARA	2.5 I	2500	1999->	6	H25	1.1	BKR6E-11	
GRAND VITARA	2.7 I	2700	2003->	6	H27	1.1	IFR6J-11	BKR6E-11
GRAND VITARA	3.2 I V6	3200	2010->	6		1.3	PTR5A-13	
JIMNY	1.3 VVT	1300	2000->	4	M13A	1.1	IFR6J-11	BKR6E-11
JIMNY	1.5 DDIS	1500	2003->	4	K9K		Y-732J	
KIZASHI	2.4 I	2400	2010->	4	J24B	1.1	SILFR6A-11	
KIZASHI	2.4 I	2400	2010->	4	J24B		SILFR6A-11	
SAMURAI	1.3 I	1300	1992->	4	G13A	0.8	BPR5ES	BP5ES
SAMURAI	1.9 TD	1900	1998->	4			Y-924J	
SJ 410	1.0 4 X4	1000	1983->1989	3		0.8	BPR5ES	BP5ES
SJ 413	1.3 4 X4	1300	1986->1989	4		0.8	BPR6ES	BP6ES
SPLASH	1.2 VVT	1200	2012->	4	K12B	1.1	IKR6G-11	
ST 90	1.0 MICROBUS	1000	1983->1989	4	F8A	0.8	BPR5ES	BP5ES
SWIFT	1.2 I	1200	2010->	4	K12B	1.1	IKR6G-11	



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Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval
SUZUKI								**SUZUKI**
SWIFT	1.3 I	1300	2005->	4	M13A	1.1	IFR6J-11	BKR6E-11
SWIFT	1.4 I	1400	2010->	4	K14B	0.8	DCPR7E	
SWIFT	1.5 GL,GLS VVT	1500	2005->	4	M15A	1.1	IFR6J-11	BKR6E-11
SWIFT	1.6 I	1600	2005->	4	M16A	1.1	IFR6J-11	BKR6E-11
SWIFT	1.6 I	1600	2012->	4	M16A	1.1	SILFR6A-11	
SWIFT	1.6 I VVT	1600	2007->2011	4	M16A	1.1	IFR6J-11	BKR6E-11
SX4	1.5 I	1500	2006->	4	M15A	1.1	IFR6J-11	BKR6E-11
SX4	1.6 VVT	1600	2006->2012	4	M16A	1.1	IFR6J-11	BKR6E-11
SX4	1.6 VVT	1600	2013->	4	M16A	1.1	SILFR6A-11	
SX4	1.9 TD	1900	2006->	4	D19AA		Y-534J	
SX4	2.0 CVT	2000	2010->	4	J20B	1.1	SILFR6A-11	
SX4	2.0 MT VVT	2000	2006->	4	J20A	1.1	IFR6J-11	BKR6E-11
VITARA	1.6 16V	1600	1995->1998	4	G16A	0.8	BKR6E	
VITARA	2.0 24V V6	2000	1999->	6	H20A DOHC	0.8	BKR6E	
TATA								**TATA**
INDICA	1.4 DLS,DLX	1400	2005->	4			Y-503J	
INDICA	1.4 I	1400	2004->	4		0.8	BCPR6ES	BCP6ES
INDICA	1.4I	1400	2009->	4	350A.1000	1	ZKR7A-10	
INDIGO	1.4 I	1400	2004->	4		0.8	BCPR6ES	BCP6ES
TELCOLINE	2.0 TD	2000	2004->	4			Y-918J	
VISTA	1.4 I	1400	2009->	4	350A.1000	1	ZKR7A-10	
VISTA	1.4 I	1400	2011->	4	350A.1000	1	ZKR7A-10	
XENON	3.0 DICOR	3000	2007->	4			Y-8005J	
TOYOTA								**TOYOTA**
1200	1.2 PICK-UP	1200	1986->	4	3K	0.8	BPR6ES	BP6ES
AURIS	1.3 VVT	1300	2008->	4	1NR-FE	1.1	ILKAR7B-11	LKAR7B-11
AURIS	1.4 VVT	1400	2007->2007	4	4ZZ-FE	1.1	BKR5EYA-11	
AURIS	1.6 VVT	1600	2007->2008	4	1ZR-FE	1.1	ILKAR7B-11	LKAR7B-11
AURIS	1.6 VVT	1600	2008->	4	1ZR-FAE	1.1	ILKAR7B-11	LKAR7B-11
AURIS	1.8 HYBRID	1800	2012->	4	2ZR-FXE	1.1	ILKAR7B-11	LKAR7B-11
AURIS	1.8 VVT	1800	2007->	4	2ZR-FE	1.1	ILKAR7B-11	LKAR7B-11
AURIS	1.8 VVT	1800	2009->	4	2ZR-FAE	1.1	ILKAR7B-11	LKAR7B-11
AVANTE	1.6 GLE	1600	1985->1988	4	4AL	0.8	BPR5ES	BP5ES
AVANTE	1.6 GLI	1600	1985->1988	4	4AGE	1.1	BCPR6EY-11	
AVANZA	1.3 I	1300	2006->	4	K3VE	0.9	IKR7D	DCPR7E
AVANZA	1.5 I	1500	1999->2005	4	K5VE	0.9	IKR7D	DCPR7E
AVANZA	1.5 VVT	1500	2006->	4	3SZ-VE	0.9	IKR7D	DCPR7E
AVENSIS	2.0 I	2000	2003->	4	1AZ-FSE	1.1	HB6BIX-11P	
AVENSIS	2.0 I WITH CAT	2000	2006->	4	1AZ-FE	1.1	IFR6T-11	BKR6EYA-11
AVENSIS	2.0 I WITHOUT CAT	2000	2003->	4	1AZ-FE	1.1	BKR6EYA-11	
AVENSIS	2.2 D	2200	2009->	4	2ADFHV		Y-1012J	
AVENSIS	2.4 I	2400	2004->	4	2AZ-FE	1.1	BKR6EYA-11	
AVENSIS	2.4 I	2400	2005->	4	2AZ-FSE	1.1	HB6BIX-11P	
AVENSIS 2	1.6 I	1600	2003->2009	4	3ZZ-FE	1.1	BKR5EYA-11	
AVENSIS 2	1.8 I	1800	2003->2009	4	1ZZ-FE	1.1	BKR5EYA-11	
AVENSIS 2	2.0 I	2000	2003->2009	4	1AZ-FE	1.1	IFR6T-11	BKR6EYA-11
AVENSIS 2	2.0 I	2000	2003->2012	4	1AZ-FSE	1.1	HB6AIX-11P	
AVENSIS 3	1.6 I	1600	2008->	4	1ZR-FAE	1.1	ILKAR7B-11	LKAR7B-11
AVENSIS 3	1.8 I	1800	2008->	4	2ZR-FAE	1.1	ILKAR7B-11	LKAR7B-11
AVENSIS 3	2.0 I	2000	2008->	4	3ZR-FAE	1.1	ILKAR7B-11	LKAR7B-11
AYGO	1.0 I	1000	2011->	3	1KR-FE	1.1	LFR6C-11	
CAMRY	2.0 I	2000	2003->	4	1AZ-FE	1.1	IFR6T-11	BKR6EYA-11
CAMRY	2.0 I,SI	2000	1992->2001	4	3S-FE	1.1	BKR6EKB-11	
CAMRY	2.2 SI,SEI	2200	1992->1997	4	5S-FE	1.1	BKR6EYA-11	
CAMRY	2.2 SI,SEI	2200	1997->2002	4	5S-FE	1.1	BKR6EKB-11	
CAMRY	2.4 I	2400	2003->2007	4	2AZ-FE	1.1	BKR6EYA-11	
CAMRY	3.0 I	3000	2003->	6	1MZ-FE	1.1	IFR6T-11	BKR6EYA-11
CAMRY	3.0 SEI	3000	1992->2001	6	3VZ-FE	1.1	BKR6EKB-11	
CAMRY	3.5 XLE	3500	2009->	6	2GR-FE	1.1	DILFR6D-11	
CARINA	1.5 G	1500	1983->1988	4	5K-J	1.1	BRE529Y-11	
CELICA	2.0 TURBO	2000	->1989	4	3S-GTE	0.8	BKR6EIX	
CELICA	2.0 TURBO	2000	1990->	4	3S-GTE	0.8	BKR6EIX	
CELICA	2.8 SUPRA	2800	1984->1988	6	5MGE	0.8	BPR5EY	
CONDOR	1.8 L	1800	2000->2003	4	2Y	0.8	BPR5EY	
CONDOR	2.0 I	2000	2003->	4	1RZ	0.8	BPR5EY	
CONDOR	2.4 I	2400	2000->	4	2RZ	0.8	BPR5EY	
CONQUEST	1.3 GS,S 12V	1300	1986->1993	4	2EL	0.8	BPR6EY	
CONQUEST	1.3 SPORT	1300	1993->1996	4	2E	1.1	BPR5EY-11	



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TOYOTA								**TOYOTA**
CONQUEST	1.3 TAZZ	1300	2000->	4	2E	1.1	BPR5EY-11	
CONQUEST	1.6 16V SPORT	1600	1988->1993	4	4AF	0.8	BCRE527Y	
CONQUEST	1.6 GL	1600	1985->1988	4	4AL	0.8	BPR5ES	BP5ES
CONQUEST	1.6 I RS,SPORT	1600	1993->1998	4	4A-FE	1.1	BKR5EYA-11	
CONQUEST	1.6 RS	1600	1992->	4	4AL	0.8	BPR5ES	BP5ES
CONQUEST	1.6 RSI	1600	1986->1988	4	4AGE	1.1	BCPR6EY-11	
CONQUEST	1.6 RSI TWINCAM	1600	1988->1993	4	4AGE	0.8	BKR6EYA	
CONQUEST	1.8 I SPORT,RSI	1800	1993->1996	4	7A-FE	0.8	BKR6EYA	
COROLLA	160I GL, GLE	1600	1996->2007	4	4A-FE	1.1	BKR5EYA-11	
COROLLA	1.3 12V	1300	1993->1996	4	2E	1.1	BPR6EY	
COROLLA	1.3 G	1300	1984->1988	4	2AL	0.8	BPR5ES	BP5ES
COROLLA	1.3 I	1300	2008->	4	1NR-FE	1.1	ILKAR7B-11	LKAR7B-11
COROLLA	1.3 L	1300	1981->1983	4	4K-U	1.1	BRE529Y-11	
COROLLA	1.3 L	1300	1981->1987	4	4K-J	1.1	BRE529Y-11	
COROLLA	1.3 L,GL 12V	1300	->1986	4	2EL	0.8	BPR6EY	
COROLLA	1.3 L,LS,GL RWD	1300	1982->1985	4	4K	0.8	BPR5ES	BP5ES
COROLLA	1.4 I	1400	2002->2007	4	4ZZ-FE	1.1	BKR5EYA-11	
COROLLA	1.6 16V	1600	1997->2007	4	4A-FE	1.1	BKR5EYA-11	
COROLLA	1.6 16V SPORT	1600	1988->1993	4	4AF	0.8	BCRE527Y	
COROLLA	1.6 GLI T-CAM	1600	1990->	4	4AGE	0.8	BKR6EYA	
COROLLA	1.6 GLI T-CAM	1600	1988->1993	4	4AGE	1.1	BCPR6EY-11	
COROLLA	1.6 GLX,GLS	1600	1988->1993	4	4AF	0.8	BCRE527Y	
COROLLA	1.6 GL, TRD	1600	1980->1985	4	2T	0.8	BPR6ES	BP6ES
COROLLA	1.6 I	1600	2002->	4	3ZZ-FE	1.1	BKR5EYA-11	
COROLLA	1.6 I	1600	2007->	4	1ZR-FE	1.1	ILKAR7B-11	LKAR7B-11
COROLLA	1.6 I GL,GLE	1600	1993->1996	4	4A-FE	1.1	BKR5EYA-11	
COROLLA	1.6 L	1600	1984->1988	4	4A,4AL	0.8	BPR5ES	BP5ES
COROLLA	1.6 RSI,RXI 20V	1600	1997->	4	4AGE	1.1	BKR6EP-11	BKR6E-11
COROLLA	1.6 SE	1600	1980->1983	4	2TB	0.8	BPR5ES	BP5ES
COROLLA	1.6 T- CAM	1600	1985->1988	4	4AGE	0.8	BCPR6EY	
COROLLA	1.6 VAN	1600	1983->1989	4	2T	0.8	BPR5ES	BP5ES
COROLLA	1.8 I	1800	2002->	4	2ZZ-GE	1.1	IFR6T-11	BKR6EYA-11
COROLLA	1.8 I GSX	1800	2002->	4	1ZZ-FE	1.1	BKR5EYA-11	
COROLLA	1.8 I GSX,GLE,SPORT	1800	1993->1996	4	7A-FE	0.8	BKR6EYA	
COROLLA	1.8 L	1800	2007->	4	2ZR-FE	1.1	ILKAR7B-11	LKAR7B-11
COROLLA	1.8 SE,GLS SPRINTER	1800	1980->1985	4	3T	0.8	BPR5ES	BP5ES
COROLLA	1.8 TRD	1800	1980->1981	4	3T	0.8	BPR6ES	BP6ES
COROLLA	1.8 VERSO	1800	2004->2007	4	1ZZ-FE	1.1	BKR5EYA-11	
COROLLA	2.0 VERSO	2000	2001->2007	4	1ZZ-FE	1.1	BKR5EYA-11	
COROLLA	2.0 VVT	2000	2010->	4	3ZR-FAE	1.1	ILKAR7B-11	LKAR7B-11
COROLLA	2.2 D VERSO D-CAT	2200	2005->2009	4	2AD-FHV		Y-1012J	
COROLLA	2.4 XRS	2400	2009->	4	2AZ-FE	1.1	IFR6T-11	BKR6EYA-11
COROLLA	2.0 D4D	2000	2007->	4	1AD-FTV		Y-1012J	
COROLLA QUEST	1.6 I	1600	2014->	4	1ZR-FE	1.1	ILKAR7B-11	LKAR7B-11
COROLLA VERSO	1.6 I	1600	2005->	4	3ZZ-FE	1.1	BKR5EYA-11	
COROLLA VERSO	1.8 I	1800	2005->	4	1ZZ-FE	1.1	BKR5EYA-11	
COROLLA VERSO	2.0 I	2000	2001->	4	1ZZ-FE	1.1	BKR5EYA-11	
CORONA	1.5 GL	1500	1983->1987	4	5K-J	1.1	BRE529Y-11	
CRESSIDA	1.8 L	1800	1976->1981	4	18R	0.8	BPR6ES	BP6ES
CRESSIDA	1.8 LS	1800	1986->1989	4	2Y	0.8	BPR5ES	BP5ES
CRESSIDA	1.8 L,LS,DX	1800	1980->1986	4	3T	0.8	BPR5ES	BP5ES
CRESSIDA	2.0 GLE	2000	1983->1986	4	21R	0.8	BPR6ES	BP6ES
CRESSIDA	2.0 GLI 6	2000	1983->1986	6	1GE	0.8	BPR6ES	BP6ES
CRESSIDA	2.0 GLI 6	2000	1986->1989	6	1GE	0.8	BPR6ES	BP6ES
CRESSIDA	2.0 GLI 6	2000	1989->1992	6	1GFE	0.8	BKR6EYA	
CRESSIDA	2.0 GL,GLX	2000	1981->1986	4	21R	0.8	BPR6ES	BP6ES
CRESSIDA	2.0 GS	2000	1989->1992	4	3Y	0.8	BPR5ES	BP5ES
CRESSIDA	2.4 GL, GLE	2400	1987->1992	4	22R	0.8	BPR6ES	BP6ES
CRESSIDA	2.8 I	2800	1985->1986	6	5ME	0.8	BPR5EY	
CRESSIDA	2.8 RSI	2800	1986->1989	6	5MGE	0.8	BPR5EY	
CRESSIDA	3.0 GLS 24V	3000	1989->	6	7MGE	0.8	BCPR6EY	
CRESSIDA	3.0 TURBO	3000	1989->1992	6	7MGE	0.8	BCPR7ES	
DYNA	2.0 L	2000	1978->1986	4	5R	0.8	BPR6ES	BP6ES
DYNA	2.0 L	2000	1985->1995	4	3Y	0.8	BPR5ES	BP5ES
DYNA	2.0 LWB	2000	1985->1995	4	5Y	0.8	BPR6ES	BP6ES
DYNA	2.2 6-094	2200	1994->1996	4	4Y	0.8	BPR6ES	BP6ES
ETIOS	1.5 I	1500	2012->	4	2NR	1.1	LFR5C-11	
FJ CRUISER	4.0 I	4000	2011->	6	1GR-FE	1.1	ILFR6T-11	LFR6C-11,
FORTUNER	2.5 D4D	2500	2007->	4	2KD-FTV		Y-531J	
FORTUNER	3.0 D	3000	2006->	4	1KD-FTV		Y-531J	
FORTUNER	3.0 D4D	3000	2002->2006	4	1KD-FTV		Y-531J	
FORTUNER	4.0 I	4000	2006->	6	1GR-FE	1.1	ILFR6T-11	LFR6C-11,



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TOYOTA								**TOYOTA**
HARRIER	3.0 I	3000	1997->2006	6	1MZ-FE	1.1	IFR6T-11	BKR6EYA-11
HI-ACE	1.6 BUS	1600	1979->1987	4	12R	0.8	BPR5ES	BP5ES
HI-ACE	1.8 WAGON,VAN	1800	1984->1985	4	2Y	0.8	BP5EY	BPR5EY
HI-ACE	2.0 VAN,BUS	2000	1984->1987	4	3Y	0.8	BPR5ES	BP5ES
HI-ACE	2.2 BUS	2200	1992->	4	4Y	0.8	BP5EY	BPR5EY
HI-ACE	2.2 TURBO ALPINE	2200	1987->	4	4Y	0.5	B6ES	BR6ES
HI-ACE	2.2 WAGON GLX	2200	1987->2000	4	4Y	0.8	BP5EY	BPR5EY
HI-ACE	2.4 D	2400	1983->1992	4	2L		Y-118-R	
HI-ACE	2.4 D 12V	2400	1983->1992	4	2L		Y-118T-1	
HI-ACE	2.4 D 12V	2400	1993->	4	2L		Y-715R	
HI-ACE	2.0 L	2000	1977->1984	4	18R	0.8	BPR5ES	BP5ES
HI-LUX	1.6 LWB, SWB	1600	1979->1987	4	1Y	0.8	BPR5ES	BP5ES
HI-LUX	1.6 SWB	1600	1979->1987	4	12R	0.8	BPR5ES	BP5ES
HI-LUX	1.8 S, SR	1800	1987->1996	4	2Y	0.8	BPR5ES	BP5ES
HI-LUX	280 D	2800	1995->1996	4	3L		Y-715R	
HI-LUX	2.0 4X4	2000	1979->1987	4	18R	0.8	BPR5ES	BP5ES
HI-LUX	2.0 L	2000	2001->	4	1RZ	0.8	BPR5EY	
HI-LUX	2.0 L	2000	2005->	4	1TR-FE	1.1	LFR6C-11	
HI-LUX	2.0 S	2000	1983->1986	4	3Y	0.8	BPR5ES	BP5ES
HI-LUX	2.0 VVTI	2000	2005->	4	1TR-FE	1.1	LFR6C-11	
HI-LUX	2.2 4X4	2200	1985->1986	4	4Y	0.8	BPR5EY	
HI-LUX	2.2 D	2200	1979->	4	L		Y-118T-1	
HI-LUX	2.2 D	2200	1990->	4	2C		Y-146R	
HI-LUX	2.2 D	2400	1983->1992	4	2L		Y-118-R	
HI-LUX	2.2 D SUPER GLOW	2200	1979->	4	L		Y-118-R	
HI-LUX	2.4 D 12V	2400	->1992	4	2L		Y-118-R	
HI-LUX	2.4 S	2400	1994->1996	4	22R	0.8	BPR6ES	BP6ES
HI-LUX	2.5 D4D	2500	2005->	4	2KD-FTV		Y-531J	
HI-LUX	2.7 VVTI	2700	2005->	4	2TR-FE	1.1	ILFR6T-11	LFR6C-11,
HI-LUX	2.7I RAIDER,SRX	2700	1998->	4	3RZ-FE	0.8	BKR5EYA	
HI-LUX	3.0 D	3000	2005->	4	5L		Y-715R	
HI-LUX	3.0 D4D	3000	2005->	4	1KD-FTV		Y-531J	
HI-LUX	3.0 TD	3000	2000->2004	4	1KZ-TE		Y-1013J	
HI-LUX	4.0 I	4000	2005->	6	1GR-FE	1.1	ILFR6T-11	LFR6C-11
INNOVA	2.7 VVTI	2700	2011->	4	2TR-FE	1.1	LFR6C-11	
LAND-CRUISER	2.7 I	2700	2003->	4	3RZ-FE	1.1	BKR5EYA-11	
LAND-CRUISER	2.7 I	2700	2005->	6	2TR-FE	1.1	ILFR6T-11	
LAND-CRUISER	3.0 D	3000	1974->1975	6	B		Y-128	
LAND-CRUISER	3.0 D4D	3000	2003->	4	1KD-FTV		Y-531J	
LAND-CRUISER	3.0 TD	3000	1998->	4	1KZ-TE		Y-1013J	
LAND-CRUISER	3.0 TD PRADO	3000	1996->	4	1KZ-TE		Y-1013J	
LAND-CRUISER	3.4 V6 PRADO GX, VX	3400	1997->1999	6	5VZ-FE	1.1	BKR5EKB-11	
LAND-CRUISER	4.0 D	4000	1974->1982	6	H , 2H		Y-147T	
LAND-CRUISER	4.0 D	4000	1981->1985	6	2H		Y-147T	
LAND-CRUISER	4.0 I	4000	1988->	6	3F	0.8	BPR5EY	
LAND-CRUISER	4.0 L	4000	1988->	6	3F	0.8	BP4ES	BPR4ES
LAND-CRUISER	4.0 PRADO	4000	2003->2006	6	1GR-FE	1.1	LFR6C-11	
LAND-CRUISER	4.2 D	4200	1998->	6	1HD-T		Y-532J	
LAND-CRUISER	4.2 D HZJ 75,80	4200	1992->1998	6	1HZ		Y-744M	
LAND-CRUISER	4.2 I	4200	1981->1985	6	2F	0.8	BPR5ES	BP5ES
LAND-CRUISER	4.5 I	4500	1998->2000	6	1FZ-FE	0.8	BKR5EYA	
LAND-CRUISER	4.5 I	4500	2002->	6	1FZ-FE	1.1	BKR5EKB-11	
LAND-CRUISER	4.6 I	4600	2009->	8	1UR-FE	1.1	LFR6AIX-11	LFR6A-11
LAND-CRUISER	4.7 I	4700	2000->	8	2UZ-FE	1.1	IFR6T-11	BKR6EYA-11
LAND-CRUISER	5.7 I	5700	2009->	8	3UR-FE	1.1	ILFR6T-11	LFR6C-11,
MR2	1.6 COUPE	1600	1986->1988	4	4AGE	1.1	BCPR6EY-11	
MR2	1.8 SPYDER	1800	2000->	4	1ZZ-FE	1.1	BKR5EYA-11	
MR2	2.0 16V	2000	1993->	4	3SGTE	1.1	BKR6EP-11	BKR6E-11
MR2	2.0 16V	2000	2005->	4	3SGE	1.1	BKR6EP-11	BKR6E-11
MR2	2.2 I	2200	1993->	4	3S-FE	1.1	BKR6EYA-11	
PRADO	3.0 D4D	3000	2010->	4	1KD-FTV		Y-531J	
PRADO	3.0 TX	3000	2010->	4	1KD-FTV		Y-531J	
PRADO	3.4 GX, VX	3400	1997->	6	5VZ-FE	1.1	BKR5EKB-11	
PRADO	4.0 I	4000	2003->	6	1GR-FE	1.1	ILFR6T-11	LFR6C-11,
PREVIA	2.4 I	2400	1995->1999	4	2TZ-FE	0.8	BKR5EYA	
PRIUS	1.5 HYBRID	1500	2005->2009	4	1NZ-FXE	1.1	IFR5T-11	BKR5E-11
PRIUS	1.8 HYBRID	1800	2009->	4	2ZR-FXE	1.1	ILKAR7B-11	LKAR7B-11
QUANTUM	2.5 D	2500	2005->	4	2KD-FTV		Y-531J	
QUANTUM	2.7 I	2700	2006->	4	2TR-FE	1.1	ILFR6T-11	LFR6C-11,
RAV 4	1.8 4X2	1800	2003->2006	4	1ZZ-FE	1.1	BKR5EYA-11	
RAV 4	2.0 D4D	2000	2007->	4	1AD-FTV		Y-1012J	
RAV 4	2.0 I	2000	1995->2000	4	3S-FE	1.1	BKR6EYA-11	



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Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval
TOYOTA								**TOYOTA**
RAV 4	2.0 I	2000	2000->2006	4	1AZ-FE	1.1	IFR6T-11	BKR6EYA-11
RAV 4	2.0 I	2000	2008->	4	3ZR FAE	1.1	ILKAR7B-11	LKAR7B-11
RAV 4	2.4 I	2400	2005->2007	4	2AZ-FE	1.1	IFR6T-11	BKR6EYA-11
RAV 4	3.5 I	3500	2007->2010	6	2GR-FE	1.1	DILFR6D-11	
RUN X	1.4 VVT	1400	2003->	4	4ZZ-FE	1.1	BKR5EYA-11	
RUN X	1.6 VVT	1600	2003->	4	3ZZ-FE	1.1	BKR5EYA-11	
RUN X	1.8 RSI	1800	2003->	4	2ZZ-GE	1.1	IFR6T-11	BKR6EYA-11
RUN X	1.8 RX	1800	2004->	4	1ZZ-FE	1.1	BKR5EYA-11	
SEQUOIA	4.7 I	4700	2009->	8	2UZ-FE	1.1	IFR6T-11	BKR6EYA-11
SEQUOIA	5.7 SR5	5700	2009->	8	3UR-FE	1.1	ILFR6T-11	LFR6C-11,
SESFIKILE	2.7 I	2700	2007->	4	2TR-FE	1.1	LFR6C-11	
STALLION	1.5 L	1500	1987->1992	4	5K	0.8	BPR6ES	BP6ES
STALLION	1.8 L	1800	1992->1997	4	2Y	0.8	BPR5EY	
STALLION	2.0 I	2000	2003->	4	1RZ	0.8	BPR6ES	BP6ES
STALLION	2.4 D	2000	1996->	4			Y-118T-1	
STOUT	2.0 CARB	2000	1966->1989	4	3Y	0.8	BPR5ES	BP5ES
STOUT	2.0 HE	2000	1967->1970	4	5R	0.8	BPR6ES	BP6ES
SUPRA	3.0 I	3000	1990->1992	6	7MGE	0.8	BCPR6EY	
SUPRA	3.0 V6 BITURBO	3000	1993->1994	6	2JZ-GTE	1.1	BKR6EP-11	BKR6E-11
TUNDRA	4.0 I	4000	2006->	6	1GR-FEFI	1.1	LFR6C-11	
TUNDRA	4.7 I	4700	2006->	8	2UZ-FEFI	1.1	IFR6T-11	BKR6EYA-11
TUNDRA	5.7 SR5	5700	2009->	8	3UR5BE	1.1	ILFR6T-11	LFR6C-11,
TUV	1.3 H	1300	1982->1987	4	4K	0.8	BPR5ES	BP5ES
TUV	1.5 L	1500	1985->1987	4	5K	0.8	BPR6ES	BP6ES
VENTURE	1.8 L	1800	1992->2000	4	2Y	0.8	BP5EY	BPR5EY
VENTURE	2.2 G	2200	1994->2000	4	4Y	0.8	BPR5ES	BP5ES
VENTURE	2.4 D	2400	1995->2000	4	2L		Y-118-R	
VERSO	1.6 I	1600	2005->	4	3ZZ-FE	1.1	BKR5EYA-11	
VERSO	1.6 S	1600	2009->	4	1ZR-FAE	1.1	ILKAR7B-11	LKAR7B-11
VERSO	1.8 SX	1800	2009->	4	2ZR-FAE	1.1	ILKAR7B-11	LKAR7B-11
YARIS	1.0 I	1000	2001->	4	1SZ-FE	1.1	BKR6EYA-11	
YARIS	1.0 I	1000	2006->	3	1KR-FE	1.1	LFR6C-11	
YARIS	1.3 VVT	1300	2006->	4	2NZ-FE	1.1	BKR5EYA-11	
YARIS	1.3 VVTI	1300	2011->	4	1NR-FE	1.1	ILKAR7B-11	LKAR7B-11
YARIS	1.5 VVT	1500	2006->2007	4	1NZ-FE	1.1	BKR5EYA-11	
YARIS	1.5 VVT	1500	2010->	4	1NZ-FE	1.1	IFR5T-11	BKR5E-11
YARIS	1.8 TURBO	1800	2008->	4	2ZR-FE	1.1	ILKAR7B-11	LKAR7B-11
TVR								**TVR**
T350	3.6 I	3600	2003->	6		0.8	BPR6ES	BP6ES
TAMORA	3.6 I	3600	2003->	6	IL6	0.8	DCPR8E	
TUSCAN	3.5 I	3500	2003->	6		0.8	BPR5ES	BP5ES
TUSCAN	4.0 I	4000	2003->	6		0.8	DCPR8E	
VOLKSWAGEN								**VOLKSWAGEN**
AMAROK	2.0 BITDI	2000	2011->	4	CSHA		Y-1002AS	
AMAROK	2.0 TD	2000	2011->	4	CDCA		Y-1002AS	
AMAROK	2.0 TDI	2000	2010->	4	CDBA		Y-1002AS	
AMAROK	2.0 TSI	2000	2010->	4	CFPA	0.8	PFR7S8EG	
BEETLE	1.3 L	1300	1966->1979	4	AB,AR,F	0.6	BP6HS	BPR6HS
BEETLE	1.5 GL	1500	1967->1970	4	H	0.6	BP6HS	BPR6HS
BEETLE	1.6 G	1600	1969->1979	4	AS,AD	0.6	BP6HS	BPR6HS
BEETLE	1.8 TURBO	1800	2003->	4	AGU	0.8	PFR6Q	BKR6E
BEETLE	2.0 FI	2000	2007->	4	CBPA	1	BKUR6ET-10	
BEETLE	2.0 I	2000	2003->	4	BER	1.1	PZFR5D-11	
BEETLE	2.0 I	2000	2004->	4	BEV	1.1	PZFR5D-11	
BEETLE	2.0 I	2000	2005->	4	BHP	1	BKUR6ET-10	
BEETLE	2.0 I HIGHLINE	2000	2000->	4	AQY	1	BKUR6ET-10	
BEETLE 2	1.2 TSI	1200	2011->	4	CBZB	0.7	IZFR6P-7	
BEETLE 2	1.4 TSI	1400	2012->	4	CAVD	0.8	PZFR6R8EG	
BEETLE 2	2.0 TSI	2000	2011->	4	CBFA	0.8	PFR7S8EG	
BEETLE 2	2.0 TSI	2000	2011->	4	CCTA	0.8	PFR7S8EG	
CADDY	1.4 I	1400	2000->	4	AUD	1.1	PZFR5D-11	
CADDY	1.6 I	1600	1983->1991	4	HN,EW	0.8	BPR6ES	BP6ES
CADDY	1.7 TD	1700	1996->2000	4	AHB		Y-918J	
CADDY	1.8 L	1800	1985->	4	JH	0.8	BUR6ET	
CADDY	1.9 SDI	1900	2000->2003	4	AYQ		Y-732J	
CADDY	1.9 TDI	1900	2006->	4	BLS,BSU		Y-607AS	
CADDY	2.0 I	2000	2006->	4	BSX	0.8	BKR6E	
CADDY	2.0 SDI	2000	2005->	4	BST		Y-741U	



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Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval
VOLKSWAGEN								**VOLKSWAGEN**
CADDY	2.0 TDI	2000	2007->	4	BMM		Y-607AS	
CADDY	2.0 TDI	2000	2010->	4	CFHC		Y-1002AS	
CADDY	2.0 TDI	2000	2010->	4	CFHF		Y-1002AS	
CADDY KOMBI	1.6 I	1600	2004->	4	BGU	1	BKUR6ET-10	
CARAVELLE	2.0 BITDI	2000	2010->	4	CDBA		Y-1002AS	
CARAVELLE	2.0 BITDI	2000	2011->	4	CNEA		Y-1002AS	
CARAVELLE	2.0 BITDI	2000	2012->	4	CNFB		Y-1002AS	
CARAVELLE	2.5 I	2500	1996->2003	5	AET	0.8	BUR6ET	
CARAVELLE	2.5 TDI T4	2500	1995->2002	5	ACV		Y-732J	
CARAVELLE	2.5 TDI T5	2500	2004->	5	AXE		Y-745U	
CARAVELLE	2.5 TDI T5	2500	2003->	5	AXD		Y-745U	
CARAVELLE	2.6 I	2600	1994->1998	5	ADV	0.8	BPR7ESZ-N	BPR7ES
CARAVELLE	2.8 VR6 T4	2800	1999->	6	AES	0.8	BKR5EKUP	
CARAVELLE	3.2 T5	3200	2003->	5	BDL	0.8	IZKR7B	
CC	1.8 TSI	1800	2011->	4	CDAA	0.8	PFR7S8EG	
CC	2.0 TDI	2000	2011->	4	CFGB		Y-1002AS	
CC	2.0 TDI	2000	2011->	4	CLLA		Y-1002AS	
CC	2.0 TDI	2000	2012->	4	CFGC		Y-1002AS	
CC	2.0 TSI	2000	2011->	4	CCZB	0.8	PFR7S8EG	
CC	2.0 TURBO	2000	2009->	4	CCTA	0.8	PFR7S8EG	
CC	3.6 FSI	3600	2011->	6	BWS	0.8	ILZKR8A	
CRAFTER	2.0 TDI	2000	2011->	4	CKTB		Y-1002AS	
CRAFTER	2.0 TDI	2000	2011->	4	CKUB		Y-1002AS	
CRAFTER	2.0 TDI	2000	2011->	4	CKUC		Y-1002AS	
CRAFTER	2.5 TDI	2500	2006->	5	BJJ		CZ104	
CRAFTER	2.5 TDI	2500	2006->	5	BJK		CZ104	
CRAFTER	2.5 TDI	2500	2006->	5	BJL		CZ104	
CRAFTER	2.5 TDI	2500	2006->	5	BJM		CZ104	
CREW BUS	1.9 TDI T5	1900	2003->	5	AXL		Y-741U	
EOS	1.4 TFSI	1400	2007->	4	CAXA	0.8	PZFR6R	
EOS	1.4 TSI	1400	2008->2010	4	CAVD	0.8	PZFR6R	
EOS	2.0 FI TURBO	2000	2009->	4	BPY	0.8	PFR7S8EG	
EOS	2.0 FSI	2000	2006->	4	BVY	1.1	PZFR5N-11T	
EOS	2.0 TDI	2000	2008->2010	4	CBAB		Y-609AS	
EOS	2.0 TFSI	2000	2006->2007	4	BWA	0.8	PFR6Q	BKR6E
EOS	2.0 TFSI	2000	2007->	4	CCTA	0.8	PFR7S8EG	
EOS	2.0 TFSI	2000	2009->	4	CCZA	0.8	PFR7S8EG	
EOS	3.2 V6	3200	2006->2007	6	BUB	0.8	IZKR7B	
FLEETLINE	1.6 1/2" REACH	1600		4	H,B,AD,AS	0.6	BP6HS	BPR6HS
FOX	1.3 FOX TRIPPA	1300	1987->1993	4	GY	0.8	BPR6ESZ-N	BPR6ES
FOX	1.6 L	1600	1987->1993	4	HM	0.8	BPR6ESZ-N	BPR6ES
FOX	1.8 L,SPORT	1800	1990->1995	4	EV	0.8	BPR7ESZ-N	BPR7ES
GOLF 1	1.1 L, LS,GL	1100	1978->1981	4	FA;GG	0.8	BPR6ESZ-N	BPR6ES
GOLF 1	1.3 CITI	1300	1995->	4	ET,GY	0.8	BPR6ESZ-N	BPR6ES
GOLF 1	1.3 CITI SHUTTLE	1300	1995->	4	GY	0.8	BPR6ESZ-N	BPR6ES
GOLF 1	1.3 CITI SONIC	1300	1995->	4	GY	0.8	BPR6ESZ-N	BPR6ES
GOLF 1	1.3 L,LS,GL	1300	1979->	4	GF,GL	0.8	BPR6ESZ-N	BPR6ES
GOLF 1	1.4 CHICO	1400	2001->	4	BBV	0.8	BPR6ESZ-N	BPR6ES
GOLF 1	1.4 I,CITI.COM,VELOCITI,STORM	1400	2001->	4	AGY	0.8	BPR7ESZ-N	BPR7ES
GOLF 1	1.5 GLS	1500	1979->1982	4	JB	0.8	BPR6ESZ-N	BPR6ES
GOLF 1	1.6 CITI SPORT,GTS	1600	1985->	4	FR,HM	0.8	BPR6ESZ-N	BPR6ES
GOLF 1	1.6 CITI SPORT,DECO,SONIC,BLUES	1600	1995->	4	HM	0.8	BPR7ESZ-N	BPR7ES
GOLF 1	1.6 GL	1600	1981->1985	4	CR		Y-918J	
GOLF 1	1.6 I CHICO,LIFE,VELOCITI	1600	2001->	4	AFX	0.8	BPR7ESZ-N	BPR7ES
GOLF 1	1.8 CTI	1800	1990->	4	EV	0.8	BPR6ESZ-N	BPR6ES
GOLF 1	1.8 GTI	1800	1983->1985	4	DX	0.8	BPR6ESZ-N	BPR6ES
GOLF 2	1.3 CL	1300	1984->1987	4	GY	0.8	BPR6ESZ-N	BPR6ES
GOLF 2	1.6 CSL	1600	1984->1982	4	HM	0.8	BPR7ESZ-N	BPR7ES
GOLF 2	1.8 CSX	1800	1984->1992	4	HV	0.8	BPR7ESZ-N	BPR7ES
GOLF 2	1.8 GTI 16V	1800	1986->1990	4	KR	0.8	BCPR7ES	
GOLF 2	1.8 GTI 8V	1800	1984->1992	4	EV	0.8	BPR6ESZ-N	BPR6ES
GOLF 2	2.0 GTI 16V	2000	1990->1993	4	AAL	0.8	BCPR7ES	
GOLF 3	1.6 L	1600	1994->1997	4	ACG	0.8	BPR6ES	BP6ES
GOLF 3	1.6 L	1600	1992->1996	4	HM	0.8	BPR7ESZ-N	BPR7ES
GOLF 3	1.8 GSX,GTS	1800	1992->1996	4	ACH	0.8	BPR7ESZ-N	BPR7ES
GOLF 3	2.0 16V	2000	1992->1998	4	ABF	1	BKUR6ET-10	
GOLF 3	2.0 8V	2000	1994->1996	4	ADY	0.8	BUR6ET	
GOLF 3	2.0 GTI 8V	2000	1992->1996	4	2E/ AGG	0.8	BUR6ET	
GOLF 3	2.8 VR6	2800	1992->1995	6	AAA	0.8	BKR5EKU	
GOLF 3	2.8 VR6	2800	1995->1997	6	AAA	0.8	BKR5EKUP	
GOLF 4	1.6 COMFORTLINE	1600	1999->2004	4	AKL	1	BKUR6ET-10	
GOLF 4	1.6 I	1600	1998->2004	4	AEH	1	BKUR6ET-10	



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Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval
VOLKSWAGEN								**VOLKSWAGEN**
GOLF 4	1.8 GTI	1800	2001->2004	4	AUQ	0.8	PFR6Q	BKR6E
GOLF 4	1.8 GTI TURBO	1800	2000->	4	AGU	0.8	PFR6Q	BKR6E
GOLF 4	1.8 HIGHLINE 20V	1800	1999->2000	4	AGN	1	BKUR6ET-10	
GOLF 4	1.9 TDI HIGHLINE	1900	1999->2003	4	AHF		Y-732J	
GOLF 4	2.0 HIGHLINE	2000	1999->2004	4	APK	1	BKUR6ET-10	
GOLF 4	2.0I	2000	2001->2006	4	AZJ	1.1	PZFR5D-11	
GOLF 4	2.3 V5	2300	2001->	5	AGZ	0.8	BKR5EKUP	
GOLF 4	2.8 VR6	2800	2001->	6	AQP,AUE	1.1	PZFR5D-11	
GOLF 5	1.4 FSI	1400	2006->2007	4	BUD	1.1	ZFR6T-11G	
GOLF 5	1.4 FSI	1400	2007->	4	CAXA	0.8	PZFR6R	
GOLF 5	1.4 FSI	1400	2008->	4	EA111	1.1	ZFR6T-11G	
GOLF 5	1.4 TSI BI-TURBO	1400	2005->	4	BLG	0.8	PZFR6R	
GOLF 5	1.6 FSI	1600	2003->2004	4	BAG	0.8	ZFR6S-Q	
GOLF 5	1.6 FSI	1600	2004->2005	4	BGU	1	BKUR6ET-10	
GOLF 5	1.6 FSI	1600	2004->2005	4	BLP	0.8	ZFR6S-Q	
GOLF 5	1.6 FSI	1600	2007->	4	CCSA	1	BKUR6ET-10	
GOLF 5	1.6 I	1600	2005->	4	BSF	1	BKUR6ET-10	
GOLF 5	1.9 TDI	1900	2005->	4	BLS,BKC		Y-607AS	
GOLF 5	2.0 8V	2000	2000->	4	BHY	1	BKUR6ET-10	
GOLF 5	2.0 FSI	2000	2003->2004	4	AXW	1.1	PZFR5N-11T	
GOLF 5	2.0 FSI	2000	2004->	4	BLY	0.8	BKR6E	
GOLF 5	2.0 FSI	2000	2005->	4	BVZ	0.8	BKR6E	
GOLF 5	2.0 FSI TURBO	2000	2004->2006	4	AXX	0.8	PFR6Q	BKR6E
GOLF 5	2.0 GTI	2000	2005->2007	4	BWA	0.8	PFR7S8EG	
GOLF 5	2.0 GTI	2000	2006->	4	BYD	0.8	PFR7S8EG	
GOLF 5	2.0 TDI	2000	2003->2007	4	BKD		YE-14	
GOLF 5	2.0 TDI	2000	2005->	4	BMN		CZ304	
GOLF 5	3.2 R32	3200	2005->2007	6	BUB	0.8	IZKR7B	
GOLF 6	1.2 TFSI	1200	2013->	4	CBZA	0.7	IZFR6P-7	
GOLF 6	1.2 TSI	1200	2013->	4	CBZB	0.7	IZFR6P-7	
GOLF 6	1.4 FSI	1400	2008->2012	4	CGGA	1.1	ZFR6T-11G	
GOLF 6	1.4 TSI	1400	2008->2012	4	CAVD	0.8	PZFR6R8EG	
GOLF 6	1.4 TSI	1400	2008->2012	4	CAVD	0.8	SIZFR6B8EG	
GOLF 6	1.4 TSI	1400	2008->2012	4	CAXA	0.8	PZFR6R	
GOLF 6	1.4 TSI	1400	2008->2012	4	CNWA	0.8	SIZFR6B8EG	
GOLF 6	1.4 TSI	1400	2008->2012	4	CTHD	0.8	SIZFR6B8EG	
GOLF 6	1.6 FSI	1600	2008->2012	4	CCSA	1	BKUR6ET-10	
GOLF 6	1.6 FSI	1600	2009->2012	4	CHGA	1	BKUR6ET-10	
GOLF 6	1.6 FSI	1600	2010->2012	4	CMXA	1	BKUR6ET-10	
GOLF 6	1.6 TDI	1600	2008->2012	4	CAYB		Y-1002AS	
GOLF 6	1.6 TDI	1600	2009->2012	4	CAYC		Y-1002AS	
GOLF 6	1.8 TFSI	1800	2009->2012	4	CDAA	0.8	PFR7S8EG	
GOLF 6	2.0 GTI	2000	2010->2012	4	CCZB	0.8	PFR7S8EG	
GOLF 6	2.0 TDI	2000	2009->2012	4	CFHB,CFHC		Y-1002AS	
GOLF 6	2.0 TFSI	2000	2009->2012	4	CCTA,CDLF	0.8	PFR7S8EG	
GOLF 6	2.0 TFSI R	2000	2009->2012	4	CDLC	0.8	PFR7S8EG	
GOLF 6	2.0 TFSI R	2000	2009->2013	4	CDLF	0.8	PFR7S8EG	
GOLF 7	1.2 TSI	1200	2012->	4	CJZB	0.8	PZKER7A-8EGS	
GOLF 7	1.2 TSI	1200	2014->	4	CYVB	0.8	PZKER7A-8EGS	
GOLF 7	1.4 TSI	1200	2014->	4	CPVB	0.8	PZKER7A-8EGS	
GOLF 7	1.4 TSI	1400	2009->	4	CTKA	0.8	PZKER7A-8EGS	
GOLF 7	1.4 TSI	1400	2012->	4	CMBA	0.8	PZKER7A-8EGS	
GOLF 7	1.4 TSI	1400	2012->	4	CXSA	0.8	PZKER7A-8EGS	
GOLF 7	1.4 TSI	1400	2014->	4	CHPB	0.8	PZKER7A-8EGS	
GOLF 7	1.4 TSI	1400	2014->	4	CUKB	0.8	PZKER7A-8EGS	
GOLF 7	1.4 TSI	1400	2014->	4	CZDA	0.8	PZKER7A-8EGS	
GOLF 7	1.6 TDI	1600	2013->	4	CLHA		Y-1002AS	
GOLF 7	2.0 GTI	2000	2013->	4	CHHB	0.8	PLFER7A-8EG	
GOLF 7	2.0 TDI	2000	2013->	4	CRBC		Y-1002AS	
GOLF 7	2.0 TSI R	2000	2013->	4	CJXB	0.8	PLFER7A-8EG	
GOLF 7	2.0 TSI R	2000	2013->	4	CJXC	0.8	PLFER7A-8EG	
GOLF PLUS	1.6 I	1600	2006->	4	BLF	0.8	ZFR6S-Q	
GOLF PLUS	2.0 I	2000	2006->	4	BLR, BVY	1.1	PZFR5N-11T	
GOLF SV	1.2 TSI	1200	2015->	4	CJZA	0.8	PZKER7A-8EGS	
GOLF SV	1.4 TSI	1400	2015->	4		0.8	PZKER7A-8EGS	
GOLF SV	2.0 TDI	2000	2015->	4	CRVA		Y-1002AS	
JETTA 1	1.3 GL	1300	1980->1985	4	ET	0.8	BPR6ESZ-N	BPR6ES
JETTA 1	1.5 GLS	1500	1980->1985	4	JB	0.8	BPR6ESZ-N	BPR6ES
JETTA 1	1.6 GLX	1600	1980->1985	4	EM	0.8	BPR6ESZ-N	BPR6ES
JETTA 1	1.8 GLI	1800	1983->1985	4	DX	0.8	BPR7ESZ-N	BPR7ES
JETTA 2	1.6 CSL	1600	1985->1992	4	HM	0.8	BPR7ESZ-N	BPR7ES
JETTA 2	1.8 CLI 16V	1800	1987->1990	4	KR	0.8	BPR7ESZ-N	BPR7ES



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Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval
VOLKSWAGEN								VOLKSWAGEN
JETTA 2	1.8 CLI 8V	1800	1985->1992	4	EV	0.8	BPR6ESZ-N	BPR6ES
JETTA 2	1.8 CSX	1800	1985->1993	4	HV	0.8	BPR7ESZ-N	BPR7ES
JETTA 2	2.0 16V	2000	1990->1992	4	AAL	0.8	BCPR7ES	
JETTA 3	1.6 GSL	1600	1992->1996	4	HM	0.8	BPR7ESZ-N	BPR7ES
JETTA 3	1.6 L	1600	1992->1999	4	ACG	0.8	BPR6ES	BP6ES
JETTA 3	1.8 CLX	1800	1992->1996	4	ACH	0.8	BPR7ESZ-N	BPR7ES
JETTA 3	2.0 CLI	2000	1992->1996	4	2E/ AGG	0.8	BUR6ET	
JETTA 3	2.8 VR6	2800	1992->1996	6	AAA	0.8	BKR5EKUP	
JETTA 4	1.2 TSI	1200	2011->	4	CBZB	0.7	IZFR6P-7	
JETTA 4	1.4 TSI	1400	2011->	4	CAXA/CMSB	0.8	PZFR6R	
JETTA 4	1.6 COMFORTLINE	1600	1999->	4	AKL	1	BKUR6ET-10	
JETTA 4	1.6 FSI	1600	2006->	4	BLF	0.8	ZFR6S-Q	
JETTA 4	1.6 I	1600	2005->	4	BSF	1	BKUR6ET-10	
JETTA 4	1.6 TDI	1600	2011->	4	CAYC		Y-1002AS	
JETTA 4	1.6 TDI	1600	2011->	4	CFFB		Y-1002AS	
JETTA 4	1.6 TDI	1600	2011->	4	CLCB		Y-1002AS	
JETTA 4	1.9 TDI	1900	1999->	4	AHF		Y-732J	
JETTA 4	1.9 TDI	1900	2006->	4	BLS,BKC		Y-607AS	
JETTA 4	2.0 FI TURBO	2000	2009->	4	CBFA	0.8	PFR7S8EG	
JETTA 4	2.0 FSI	2000	2006->	4	BLR,BVY	1.1	PZFR5N-11T	
JETTA 4	2.0 HIGHLINE	2000	1999->2002	4	APK	1	BKUR6ET-10	
JETTA 4	2.0 TDI	2000	2006->	4	BLS,BKC		Y-607AS	
JETTA 4	2.0 TSI	2000	2011->	4	CCZA	0.8	PFR7S8EG	
JETTA 4	2.0 TURBO	2000	2006->	4	BWA	0.8	PFR7S8EG	
JETTA 4	2.0I	2000	2001->2006	4	AZJ	1.1	PZFR5D-11	
JETTA 4	2.3 V5	2300	1999->	5	AGZ	0.8	BKR5EKUP	
JETTA 4	2.5 I	2500	2007->	5	CCCA	1.1	ZFR6T-11G	
JETTA 6	1.2 TSI	1200	2012->	4	CBZA	0.7	IZFR6P-7	
JETTA 6	1.4 TSI	1400	2011->	4	CAVD	0.8	PZFR6R8EG	
JETTA 6	1.4 TSI	1400	2011->2013	4	CAXA	0.8	PZFR6R	
JETTA 6	1.4 TSI	1400	2012->	4	CAXD	0.8	PZFR6R8EG	
JETTA 7	1.2 TSI	1200	2014->	4	CYVD	0.8	PZKER7A-8EGS	
JETTA 7	1.4 TSI	1400	2014->	4	CZCZ	0.8	PZKER7A-8EGS	
JETTA 7	1.4 TSI	1400	2014->	4	CZDA	0.8	PZKER7A-8EGS	
KOMBI	1.8 L	1800	1989->	4	HV	0.8	BPR7ESZ-N	BPR7ES
KOMBI	1.8 PANEL VAN	1800	1989->	4	AP	0.8	BPR6ESZ-N	BPR6ES
LT	LT35 2.8 TD	2800	1996->	5	AGX		Y-732J	
LUPO	1.4 I	1400	2002->2005	4	BBY	0.8	BKUR6ET-10	
MICROBUS	1.6 1/2" REACH	1600		4	H,B,AD,AS	0.6	BP6HS	BPR6HS
MICROBUS	1.7 3/4" REACH	1700		4	CA,CE	0.8	BPR6ESZ-N	BPR6ES
MICROBUS	1.8 3/4" REACH	1800		4	AP	0.8	BPR6ESZ-N	BPR6ES
MICROBUS	1.9 WATER COOLED	1900		4	DG	0.8	BPR6ESZ-N	BPR6ES
MICROBUS	2.0 L	2000		4	CJ,CU	0.8	BPR6ESZ-N	BPR6ES
MICROBUS	2.1 I SYNCRO	2100	1989->1993	4	DJ	0.8	BPR6ESZ-N	BPR6ES
MICROBUS	2.1 I TURBO	2100		4	ALPINE	0.8	BPR6ESZ-N	BPR6ES
MICROBUS	2.3 I	2300	1995->	5	AFU	0.8	BPR7ESZ-N	BPR7ES
MICROBUS	2.5 I	2500	1991->1995	5	AAY	0.8	BPR7ESZ-N	BPR7ES
MICROBUS	2.6 I	2600	1994->1996	5	ADV	0.8	BPR7ESZ-N	BPR7ES
PASSAT	1.3 L,LS	1300	1974->1981	4	ZF	0.8	BPR6ESZ-N	BPR6ES
PASSAT	1.6 GLS	1600	1979->1981	4	YP,YN	0.8	BPR6ESZ-N	BPR6ES
PASSAT	1.8 CL	1800	1984->1987	4	JV,HV	0.8	BPR7ESZ-N	BPR7ES
PASSAT	1.9 GLS	1900	1981->1985	5	WN	0.8	BPR7ESZ-N	BPR7ES
PASSAT	1.9 TDI	1900	2001->	4	AFN,AJM,1Z,AHU,		Y-732J	
PASSAT	2.2 CLI	2200	1985->1987	5	SG	0.8	BPR7ESZ-N	BPR7ES
PASSAT	2.2 CLX	2200	1984->1987	5	MX	0.8	BPR7ESZ-N	BPR7ES
PASSAT	2.3 V5	2300	2003->	4	AZX	1	BKUR5ETC-10	
PASSAT 3	2.8 V6	2800	1991->1995	6	AAA	0.8	BKR5EKU	
PASSAT 4	1.8 TURBO	1800	1999->	4	AEB	0.8	PFR6Q	BKR6E
PASSAT 4	1.8 TURBO	1800	2000->	4	AFY	1	BKUR6ET-10	
PASSAT 4	1.8 TURBO	1800	2005->	4	AWT	0.8	PFR6Q	BKR6E
PASSAT 4	1.9 TDI	1900	1999->2000	4	AVG		Y-732J	
PASSAT 4	2.0 FSI	2000	2005->	4	AZM	1	BKUR6ET-10	
PASSAT 4	2.3 I	2300	1997->2000	5	AGZ	0.8	BKR5EKUP	
PASSAT 4	2.3 I	2300	2001->2005	5	AZX	1.1	PZFR5D-11	
PASSAT 4	2.8 V6	2800	1999->	6	ACK	0.8	BKR6EKUB	
PASSAT 4	2.8 V6	2800	2001->	6	AMX	0.8	BKR6EKUB	
PASSAT 4	2.8 V6	2800	2005->	6	BBG	0.8	BKR6EKUB	
PASSAT 5	1.6 I	1600	2005->	4	BLF	0.8	ZFR6S-Q	
PASSAT 5	1.8 TSI	1800	2009->	4	CDAA	0.8	PFR7S8EG	
PASSAT 5	1.8 TSI	1800	2012->	4	CDAA	0.8	PFR7S8EG	
PASSAT 5	1.9 TDI	1900	2003->2005	4	AVF		Y-741U	
PASSAT 5	2.0 FI TURBO	2000	2009->	4	CCTA	0.8	PFR7S8EG	



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VOLKSWAGEN								**VOLKSWAGEN**
PASSAT 5	2.0 FSI	2000	2005->	4	BLR	1.1	PZFR5N-11T	
PASSAT 5	2.0 FSI	2000	2005->	4	BLY	0.8	BKR6E	
PASSAT 5	2.0 FSI	2000	2005->	4	BVZ	0.8	BKR6E	
PASSAT 5	2.0 FSI	2000	2005->2007	4	BPY,BWA	0.8	PFR6Q	BKR6E
PASSAT 5	2.0 FSI	2000	2005->2007	4	BVX,BVY	1.1	PZFR5N-11T	
PASSAT 5	2.0 FSI TURBO	2000	2005->	4	AXX	0.8	PFR6Q	BKR6E
PASSAT 5	2.0 TDI	2000	2005->	4	BMP		CZ104	
PASSAT 5	2.0 TDI	2000	2005->	4	BMR		CZ304	
PASSAT 5	2.0 TDI	2000	2005->2007	4	BKP		CZ304	
PASSAT 5	2.0 TDI	2000	2007->2010	4	BKP		YE-14	
PASSAT 5	2.0 TDI	2000	2008->	4	CBAA,CBBB		Y-609AS	
PASSAT 5	2.0 TDI	2000	2010->	4	CFFB		Y-1002AS	
PASSAT 5	2.0 TFSI	2000	2007->2010	4	CAWB	0.8	PFR7S8EG	
PASSAT 5	3.2 FSI	3200	2005->2007	6	AXZ	0.8	ILZKR7A	
PASSAT 5	3.6 FSI	3600	2005->2007	6	BLV	0.8	ILZKR7A	
PASSAT 5	3.6 R36	3600	2007->	6	BWS	0.8	ILZKR8A	
PHAETON	3.2 V6	3200	2002->	6	AYT	0.8	IZKR7B	
PHAETON	3.2 V6	3200	2003->	6	BKL	0.8	IZKR7B	
PHAETON	4.2 FSI	4200	2003->	8	BGH	0.8	BKR6EQUA	
PHAETON	4.2 FSI	4200	2003->	8	BGJ	0.8	BKR6EQUA	
PHAETON	6.0 FSI	6000	2003->	12	BAP	1.1	PZFR6J-11	
PHAETON	6.0 FSI	6000	2005->	12	BAN	1.1	PZFR6J-11	
PICK-UP	1.6 SX	1600	1997->	4	H,B,AD,AS	0.8	BPR6ESZ-N	BPR6ES
PICK-UP	1.8 SPORT	1800	1997->	4	AP	0.8	BPR7ESZ-N	BPR7ES
POLO	1.2 I	1200	2009->	4	BBM	0.8	ZFR5P-G	
POLO	1.2 I	1200	2009->	4	BZG	0.8	ZFR5P-G	
POLO	1.2 I	1200	2010->	3	CJLA	0.8	ZFR5P-G	
POLO	1.2 TDI	1200	2009->	3	CFWA		Y-1002AS	
POLO	1.2 TSI	1200	2009->	4	CBZA	0.7	IZFR6P-7	
POLO	1.2 TSI	1200	2013->	4	CJZA	0.8	PZKER7A-8EGS	
POLO	1.4 16V	1400	2005->	4	BKY	0.8	ZFR5P-G	
POLO	1.4 COMFORTLINE	1400	2011->	4	CGGB	1.1	ZFR6T-11G	
POLO	1.4 FSI	1400	2002->2005	4	AXU	0.8	ZFR6S-Q	
POLO	1.4 GTI	1400	2010->	4	CAVE	0.8	PZFR6R	
POLO	1.4 GTI	1400	2012->	4	CTHE	0.8	PZFR6R8EG	
POLO	1.4 I	1400	2006->	4	BUD	1.1	ZFR6T-11G	
POLO	1.4 I	1400	2009->	4	CGGB	1.1	ZFR6T-11G	
POLO	1.4 I	1600	2006->	4	BTS	1.1	ZFR6T-11G	
POLO	1.4 I 16V	1400	2001->2004	4	BBC,BBY	1	BKUR6ET-10	
POLO	1.4 TDI	1400	2001->	3	BAY		Y-732J	
POLO	1.4 TDI	1400	2006->	3	BWB		CZ104	
POLO	1.4 TSI	1400	2013->	4	CMBA	0.8	PZKER7A-8EGS	
POLO	1.6 COMFORTLINE	1600	2011->	4	CLS	1.1	ZFR6T-11G	
POLO	1.6 I	1600	1999->2001	4	AKL	1	BKUR6ET-10	
POLO	1.6 I	1600	2006->	4	BTS	1.1	ZFR6T-11G	
POLO	1.6 TDI	1600	2009->	4	CAYA		Y-1002AS	
POLO	1.6 TDI	1600	2009->	4	CAYA,CAYB,CAYC		Y-1002AS	
POLO	1.6 TDI	1600	2009->	4	CAYB		Y-1002AS	
POLO	1.6 TDI	1600	2009->	4	CAYC		Y-1002AS	
POLO	1.6 TDI	1.6	2009->	4	CLNA		Y-1002AS	
POLO	1.8 GTI	1800	2006->	4	BBU,BJX	0.8	PFR6Q	BKR6E
POLO	1.8 GTI	1800	2014->	4	DAJA	0.8	PLFER7A-8EG	
POLO	1.8 GTI	1800	2014->	4	DAJB	0.8	PLFER7A-8EG	
POLO	1.9 D	1900	1994->1999	4	AEF		Y-918J	
POLO	1.9 TDI	1900	2004->2005	4	ASZ,BLT,ATB		Y-741U	
POLO	1.9 TDI	1900	2006->	4	BMT		Y-607AS	
POLO CLASSIC	1.4 I	1400	1996->2002	4	AGY	0.8	BPR6ESZ-N	BPR6ES
POLO CLASSIC	1.4 I	1400	2007->	4	BLM	1	BKUR5ETC-10	
POLO CLASSIC	1.4 TDI	1400	2002->2005	4	AMF		Y-741U	
POLO CLASSIC	1.6 I	1600	1996->2002	4	AFX	0.8	BPR7ESZ-N	BPR7ES
POLO CLASSIC	1.6 I COMFORTLINE	1600	2002->2007	4	BAH	1	BKUR5ETC-10	
POLO CLASSIC	1.8 I	1800	1996->2002	4	AFV	0.8	BPR7ESZ-N	BPR7ES
POLO CLASSIC	1.9 TDI	1900	2003->2005	4	ATD,AXR		Y-741U	
POLO CLASSIC	2.0 I	2000	2004->	4	BBX	1	BKUR6ET-10	
POLO PLAYA	1.4 I	1400	1998->2002	4	AGY	0.8	BPR6ESZ-N	BPR6ES
POLO PLAYA	1.6 I	1600	1998->2002	4	AFX	0.8	BPR7ESZ-N	BPR7ES
POLO PLAYA	1.8 I	1800	1999->2002	4	AFV	0.8	BPR7ESZ-N	BPR7ES
POLO VIVO	1.4 I	1400	2011->	4	CLP	1.1	ZFR6T-11G	
POLO VIVO	1.6 I	1600	2011->	4	CLS	1.1	ZFR6T-11G	
SANTANA	1.6 TDI	1600	1981->1984	4			Y-918J	
SCIROCCO	1.4 TSI	1400	2008->	4	CAVD	0.8	PZFR6R	
SCIROCCO	1.8 TFSI	1800	2008->	4	CAXA	0.8	PZFR6R	



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VOLKSWAGEN								**VOLKSWAGEN**
SCIROCCO	2.0 TFSI	2000	2008->	4	CAWB	0.8	PFR7S8EG	
SCIROCCO	2.0 TSI	2000	2009->	4	CCZB	0.8	PFR7S8EG	
SCIROCCO	2.0 TSI-R	2000	2009->	4	CDLA	0.8	PFR7S8EG	
SCIROCCO	2.0 TSI R	2000	2009->	4	CDLC	0.8	PFR7S8EG	
SHARAN	1.4 TSI	1400	2010->	4	CAVA	0.8	PZFR6R	
SHARAN	1.8 TURBO	1800	1999->2001	4	AJH	0.8	BKUR6ET-10	
SHARAN	1.8 TURBO	1800	2000->2005	4	AWC	0.8	PFR6Q	BKR6E
SHARAN	1.9 TDI	1900	2003->2006	4	AUY		Y-741U	
SHARAN	2.0 I	2000	2005->	4	ATM	1	BKUR6ET-10	
SHARAN	2.0 TSI	2000	2010->	4	CCZA	0.8	PFR7S8EG	
SHARAN	2.8 VR6	2800	2000->	6	AMY,AAA	0.8	BKR5EKUP	
SHARAN	2.8 VR6	2800	2005->	6	AYL	1.1	PZFR5D-11	
T5	1.9 T5 PANEL VAN	1900	2003->	4	ABL		Y-918J	
T5	1.9 TDI	1900	2006->	4	BRS,BRR		Y-607AS	
T5	1.9 TDI T5	1900	2003->2007	5	AXB		Y-741U	
T5	2.0 TDI	2000	2009->	4	CCHA		Y-1002AS	
T5	2.5 TDI	2500	2006->2007	5	AXE		Y-741U	
T5	2.5 TDI	2500	2006->2007	5	BPC, BNZ		CZ104	
T5	3.2 V6	3200	2004->2007	6	BDL,BKK	0.8	IZKR7B	
TIGUAN	1.4 FSI	1400	2007->2008	4	BWK	0.8	PZFR6R	
TIGUAN	1.4 TSI	1400	2008->	4	CAVA	0.8	PZFR6R	
TIGUAN	1.4 TSI	1400	2010->2012	4	CAXA	0.8	PZFR6R	
TIGUAN	1.4 TSI	1400	2012->	4	CAXD	0.8	PZFR6R8EG	
TIGUAN	2.0 FI TURBO	2000	2009->	4	CCTA	0.8	PFR7S8EG	
TIGUAN	2.0 TDI	2000	2007->2010	4	CBAA		Y-609AS	
TIGUAN	2.0 TDI	2000	2010->	4	CFFD		Y-1002AS	
TIGUAN	2.0 TDI	2000	2010->	4	CLJA		Y-1002AS	
TIGUAN	2.0 TSI	2000	2011->	4	CCZB	0.8	PFR7S8EG	
TOUAREG	2.5 TDI	2500	2004->	5	BLK		Y-741U	
TOUAREG	2.5 TDI	2500	2005->	5	BPD;BPE		CZ104	
TOUAREG	3.0 TDI	3000	2007->	6	CASA		Y-609AS	
TOUAREG	3.0 TDI	3000	2008->	6	CASC		Y-609AS	
TOUAREG	3.2 FSI	3200	2002->2006	6	AZZ,BMV	0.8	IZKR7B	
TOUAREG	3.6 FSI	3600	2006->	6	BHK	0.8	ILZKR7A	
TOUAREG	4.2 FSI	4200	2006->2009	8	BAR	0.8	PFR6W-T	
TOUAREG	4.2 V8	4200	2002->2006	8	AXQ,BHX	0.8	BKR6EQUA	
TOUAREG	4.9 TDI	4900	2004->	10	BLE		CZ104	
TOUAREG	5.0 TDI V10	5000	2002->2006	10	AYH		Y-741U	
TOUAREG	6.0 WR12	6000	2004->	12	BJN	1.1	PZFR6J-11	
TOURAN	1.2 TFSI	1200	2010->	4	CBZB	0.7	IZFR6P-7	
TOURAN	1.4 TFSI	1400	2006->	4	BMY/CAVC	0.8	PZFR6R	
TOURAN	1.6 TRENDLINE	1600	2005->	4	BSE,BSF	1	BKUR6ET-10	
TOURAN	1.9 TDI	1900	2003->2006	4	BKC		Y-607AS	
TOURAN	2.0 FSI	2000	2004->	4	AXW	1.1	PZFR5N-11T	
TOURAN	2.0 TDI	2000	2005->	4	BMN		CZ304	
TOURAN	2.0 TDI	2000	2010->	4	CLCA		Y-1002AS	
TOURAREG	3.6 FSI	3600	2010->	6	CGRA	0.8	ILZKR7A	
TRANSPORTER	1.6 1/2" REACH	1600		4	H,B,AD,AS	0.6	BP6HS	BPR6HS
TRANSPORTER	1.9 TDI	1900	2003->	4	AXB		Y-741U	
TRANSPORTER	2.0 BITDI	2000	2009->	4	CFCA		Y-1002AS	
TRANSPORTER	2.0 I	2000	2003->2007	4	AXA	1	BKUR6ET-10	
TRANSPORTER	2.0 TDI	2000	2009->	4	CCHA		Y-1002AS	
TRANSPORTER	2.0TDI	2000	2009->	4	CAAB		Y-1002AS	
TRANSPORTER	2.5 TDI	2500	2003->	5	AXD		Y-741U	
TRANSPORTER	3.2 I	3200	2005->	6	BKK	0.8	IZKR7B	
TRANSPORTER	3.2 T4	3200	2005->	6	BDL	0.8	IZKR7B	
UP	1.0 I	1000	2015->	3	CHYB	1	ZKER6A-10EG	
VOLVO								**VOLVO**
850	2.3 TURBO SPORTWAGON	2300	1994->	5	B5234FT	0.8	BCPR7ET	BCPR7ES
850	2.5 GLT,GLT SPORTWAGON	2500	1994->	5	B5254F	0.8	BCPR6ES	BCP6ES
850	2.5 R	2500	1996->1997	5	B5234T5	1.1	BCPR7EIX-11	
940	2.4 TD INTERC., KOMBI	2400	1994->	6	D24T		Y-918J	
960	2.4 TD INTERC.	2400	1991->	6	D24TIC		Y-918J	
960	2.9 SEDAN-ESTATE	2900	1994->1997	5	B6304FS	0.8	BCPR6ES	BCP6ES
C30	1.6 D2	1600	2006->	4	D4164T		YE04	
C30	1.6 I	1600	2006->	4	B4164S3	1.3	TR5B-13	
C30	2.0 16V	2000	2006->	4	B4204S3	1.3	TR6AP-13E	
C30	2.0 16V	2000	2007->	4	B4204S	0.8	PFR6B	BKR6E
C30	2.4 16V	2400	2006->	5	B5244S4	0.8	LFR6D	
C30	2.5 T5	2500	2006->	5	B5254T3	0.8	BKR6EKUB	



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VOLVO								**VOLVO**
C30	2.5 T5	2500	2006->	5	B5254T7	0.8	ILFR6B	
C70	2.3 CABRIO T5	2300	2002->	5	B5234T3	0.8	PFR6B	BKR6E
C70	2.4 I	2500	2006->	5	B5244S4,5	0.8	LFR6D	
C70	2.5 I	2500	2002->	5	B5254	0.8	BKR6EKUB	
C70	2.5 I	2500	2005->	5	B5254T7	0.8	ILFR6B	
C70	2.5 I	2500	2006->	5	B5254T3	0.8	ILFR6B	
S40	1.6 D2	1600	2012->	4	D4164T		YE04	
S40	1.8 I	1800	2004->	4	B4184S8 / S11	1.3	ITR6F-13	BPR6EF-13
S40	1.9 D	1900	1996->	4	D4192T		Y-933J	
S40	1.9 D	1900	2000->	4	D4192T3/DI		Y-732J	
S40	1.9 T4	1900	1998->	4	B4194T	1.1	PFR6G-11	BKR6E-11
S40	2.0 16V	2000	1997->2005	4	B4204S2	0.8	BCPR6ET	BCPR6ES
S40	2.0 16V	2000	2006->	4	B4204S3	1.3	TR6AP-13E	
S40	2.0 T4	2000	2000->2003	4	B4204T5	0.8	BKR6EIX	
S40	2.0 TURBO	2000	1997->2003	4	B4204T3	0.8	BKR6EIX	
S40	2.0 TURBO	2000	1999->	4	B4204T	0.8	PFR6B	BKR6E
S40	2.4 I	2400	2004->	5	B5244S4,S5	0.8	LFR6D	
S40	2.5 I	2500	2005->	5	B5254T3,T5	1.1	PLFR6A-11	
S40	2.5 T5	2500	2007->	5	B5254T7	0.8	ILFR6B	
S60	1.6 T3	1600	2011->	4	B4164T3	0.8	ILZTR6A-8G	
S60	1.6 T4	1600	2011->	4	B4164T	0.8	ILZTR6A-8G	
S60	2.0 D3	2000	2010->	4	D5204T2/T3		Y-8008AS	
S60	2.0 D3	2000	2011->	5	D5204T2/T3		Y-8008AS	
S60	2.0 T5	2000	2012->	4	B4204T7	0.8	ILTR6G-8G	
S60	2.0 TURBO	2000	2003->	5	B5204T5	0.8	PFR6B	BKR6E
S60	2.0 TURBO	2000	2004->	5	B5204T	1.1	PLFR6A-11	
S60	2.3 I T5	2300	2001->	5	B5234T3	0.8	PFR6B	BKR6E
S60	2.4 D	2400	2002->	5	D5244T		YE12	
S60	2.4 I	2400	2001->	5	B5244S	0.8	BKR6E	
S60	2.4 TURBO	2400	2001->	5	B5244T	0.8	PFR6B	BKR6E
S60	2.5 D5	2400	2011->	5	D5244T11/ T15		Y-8008AS	
S60	2.5 TURBO	2500	2004->	5	B5254T2	0.8	ILFR6B	
S60R	2.5 TURBO	2500	2003->	5	B5254T4	1.1	PLFR6A-11	
S70	2.3 T-5	2300	1997->	5	B5234T4	0.8	PFR6B	BKR6E
S70	2.5 20V	2500	1994->	5	B5254S	0.8	BKR6E	
S80	2.0 16V	2000	2007->	4	B4204S3 / S4	1.3	ITR6F-13	BPR6EF-13
S80	2.4 D5	2400	2009->	5	D5244T4		Y-8008AS	
S80	2.5 TURBO	2500	2006->	5	B5254T2,T5	0.8	ILFR6B	
S80	2.5 TURBO	2500	2007->	5	B5254 T6 / T8	0.8	ILFR6K-8	
S80	2.8 I T6	2800	1999->	6	B6284T2	0.8	BCPR7ES	
S80	2.9 I	2900	1999->	6	B6294S	0.8	BKR6EKUB	
S80	3.0 T6	3000	2001->2006	6	B6294T	0.8	PFR6B	BKR6E
S80	3.2 I	3200	2007->	6	B6324S	0.8	ILFR6B	
S90	3.0 I	3000	1997->2000	5	B6304F	0.8	BCPR6ES	BCP6ES
V 40	1.9 D	1900	1996->	4	D4192T		Y-933J	
V 40	1.9 DCI	1900	2000->	4	DCI RENAULT		Y-732J	
V 40	1.9 T4	1900	1998->	4	B4194 T	1.1	PFR6G-11	BKR6E-11
V 40	2.0 S/WAGON	2000	1997->	4	B4204S	0.8	BCPR6ET	BCPR6ES
V 40	2.0 T5	2000	2000->2004	4	B4204T5	1.1	BKR6EP-11	BKR6E-11
V40	1.6 T3	1600	2012->	4	B4164T3	0.8	ILZTR6A-8G	
V50	2.0 16V	2000	2007->	4	B4204S3	1.3	ITR6F-13	BPR6EF-13
V50	2.4 L5	2400	2005->	5	B5244S7	0.8	LFR6D	
V50	2.5 T5	2500	2004->	5	B5254T3	1.1	ILFR6B	
V50	2.5 T5	2500	2007->	5	B5254T7	0.8	ILFR6B	
V60	1.6 T3	1600	2011->	4	B4164T3	0.8	ILZTR6A-8G	
V60	1.6 T4	1600	2011->	4	B4164T	0.8	ILZTR6A-8G	
V60	2.0 D3	2000	2010->	4	D5204T2/T3		Y-8008AS	
V60	2.0 T5	2000	2010->	4	B4204T7	0.8	ILTR6G-8G	
V60	2.4 D5	2400	2011->	4	D5244T11/T15		Y-8008AS	
V70	2.0 16V	2000	2007->	4	B4204S3 / S4	1.3	ITR6F-13	BPR6EF-13
V70	2.0 TURBO	2000	2003->	5	B5204T	0.8	BCPR7ES	
V70	2.3 T-5 S/WAGON	2300	1997->	5	B5234T4	0.8	BCPR7ES	
V70	2.4 T4	2400	1997->2001	5	B5244T	0.8	BKR7EIX	
V70	2.4 TURBO	2400	2000->	5	B5244T3	0.8	PFR6B	BKR6E
V70	2.5 20V	2500	1994->	5	B5254S	0.8	BKR6E	
V70	2.5 R	2500	2004->	5	B5254T4	1.1	PLFR6A-11	
V70	2.5 T6	2500	2007->	5	B5254T6	0.8	ILFR6K-8	
V70	3.0 TURBO	3000	2007->	5	B6304T2	0.8	ILFR6B	
V70	3.2 V6	3200	2007->	6	B6324S	0.8	ILFR6B	
V90	2.9 S/WAGON	2900	1997->2000	6	B6304F	0.8	BCPR6ES	BCP6ES
V90	3.0 V6	3000	1997->	6	B6304F/G	0.8	BKR6EKUB	
XC60	2.0 D3	2000	2008->	4	D5244T5/T16		Y-8008AS	
XC60	2.0 T5	2000	2011->	4	B4204T7	0.8	ILTR6G-8G	
XC60	2.4 TD D5	2400	2010->	5	D5244T4		Y-8008AS	

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Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval
VOLVO								VOLVO
XC60	2.5 D5	2400	2011->	5	D5244T11		Y-8008AS	
XC60	3.0 I	3000	2008->	6	B6304T2	0.8	ILFR6B	
XC70	2.4 D5	2400	2003->	5	D5244T		YE12	
XC70	2.4 TURBO	2400	2003->	5	B5244T3	0.8	BKR6EIX	
XC70	2.5 D5	2400	2011->	5	D5244T11		Y-8008AS	
XC70	2.5 TURBO	2500	2003->	5	B5254T2	0.8	ILFR6B	
XC70	3.2 TURBO	3200	2007->	6	B6324S	0.8	ILFR6B	
XC90	2.4 D5	2400	2003->	5	D5244T		YE12	
XC90	2.5 D5	2400	2010->	5	D5244T18		Y-8008AS	
XC90	2.5 T5	2500	2002->	5	B5254T2	0.8	ILFR6B	
XC90	2.5 TURBO	2500	2002->	5	B5254T2	0.8	ILFR6B	
XC90	2.9 T6	2900	2003->	6	B6294T	0.8	BKR6EIX	
XC90	3.2 TURBO	3200	2006->	6	B6324S	0.8	ILFR6B	
XC90	4.4 V8	4400	2005->	8	B8444S	1.1	IFR6D-10	

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Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval
AVIA								**AVIA**
A21.1	D		1990->	4			Y-208T	
AVIA	3.6D	3600	1993->1993	4	D407		Y-208T	
BEDFORD								**BEDFORD**
97000	2.0D SERIES	2000	1979->1980	4			Y-208T	
CITROEN								**CITROEN**
BX17	1.8D	1800	1985->1993	4	XUD 7		Y-924J	
C25	2.5D	2500	1981->1994	4	CRD93		Y-208T	
C32	2.2D	2200	1979->	4	CRD90		Y-208T	
C35	2.5D	2500	1980->1991	4	CRD93B		Y-208T	
C45	2.5D	2500	1982->1991	4	CRD93B		Y-208T	
CX	2.5, REFLEX D	2500	1979->1982	4	M25 629		Y-208T	
CX	2.5D	2500	1982->1988	4	M25 660		Y-208T	
CX	2.5D PALLS,RD,TRD	2500	1982->1992	4	M25 660		Y-924J	
CX	2.5TD	2500	1987->1992	4	M25 669,671		Y-208T	
CX	2.5TD	2500	1983->1986	4	M25 648		Y-208T	
DISPATCH	2.0D	2000	2000->	4	DW10		Y-504J	
EVASION	1.9D	1900	1998->2002	4	XUD9TF, XUD9BTF		Y-924J	
EVASION	2.0HDI	2000	1998->2002	4	DW10ATED		Y-504J	
DAIHATSU								**DAIHATSU**
DELTA TRUCK	3.0D 12V	3000	1983->	4	B		Y-147T	
DELTA TRUCK	3.0D 24V	3000	1977->1983	4	B		Y-178T	
DELTA TRUCK	3.4D 12V	3400	1983->	4	3 B		Y-147T	
DELTA TRUCK	3.4D 24V	3400	1980->1983	4	3 B		Y-178T	
FOURTRAK	2.8D	2800	1984->1993	4	DL50		Y-146R	
FOURTRAK	2.8D	2800	1989->1993	4	DL-T		Y-146R	
FIAT								**FIAT**
DUCATO	2.8 JTD	2800	2006->	4	8140.435		Y-502R	
PUNTO	1.7D	1700	1994->	4	176 A 3.000		Y-924J	
PUNTO	1.7D S, SX, ELX TD	1700	1993->1996	4	176 TD, 1697 TT		Y-924J	
PUNTO	1.7D S, SX,ELX TD	1700	1996->1999	4			Y-928U	
ULYSSE	2.0JTD	2000	2002->	4	DW10ATED4, RHT		Y-504J	
ULYSSE	2.1TD	2100	1996->	4	XUD11ATE		Y-924J	
ISUZU								**ISUZU**
ELF 150	KAD 42	2400	1953->1954	4	C240		Y-154	
HEAVY-DUTY	5.8D TY	5800		6	6BD1		Y-271-2	
HEAVY-DUTY	6.4D TY	6400	1966->1979	6	DA640		Y-874-1	
LIGHT BUS	3.9D BE	3900	1980->	4	4BD1		Y-271-2	
LIGHT BUS	5.8D CCM	5800	1979->	6	6BD1		Y-271-2	
LIGHT BUS	6.1D CCM	6100	1978->	6	6BF1		Y-271-2	
MIDI	2.2D 11V	2200	1986->	4			Y-711J	
N3000 P	2.5	2500		4		0.8	BPR6ES	BP6ES
KUBOTA								**KUBOTA**
TRACTOR	L SERIES						Y-106V	
TRACTOR					B51,61,7		Y-103K	
LEYLAND								**LEYLAND**
400-SERIE	2.5 LTD DI	2500	1987->	5			Y-924J	
LEYLAND DAF								**LEYLAND DAF**
SHERPA	2.0D	2000	1986->1988	4	PERKINS PRIMA ENGINE		Y-924J	
SHERPA	2.5D	2500	1986->1989	4			Y-208T	
SHERPA	2.5D	2500	1989->	4	PEUGEOT ENGINE		Y-924J	
MAHINDRA								**MAHINDRA**
CJ	340 CLASSIC D	2100	1993->	4	XD 4.90		Y-208T	
CJ	340 , 540 D	2100	1993->	4	XD 4.90		Y-924J	
CJ	540 D	2100	1993->	4	XD 4.90		Y-208T	



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Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval
MAZDA								**MAZDA**
BOXER	3700 , 5500		1974->		XC,ZC		Y-172	
E2000	2.0D	2000	1993->	4	RF		Y-107-R	
LIGHT BUS PARKWAY	3.0D 12V	3000	1980->		HA		Y-107-R	
T2500	2.5D 12V	2500	1980->		XA		Y-107-R	
T3000	3.0D 12V	3000	1980->1992		HA		Y-107-R	
T4100	4.1D 12V	4100	1980->		ZB		Y-107-R	
MERCEDES BENZ								**MERCEDES BENZ**
200 D,TD	W124	2000	1989->1993	4	OM 601.912		Y-916J	
208 D		2300	1988->1995	4	OM 601.		Y-916J	
210 D		2900	1988->	5	OM 602.		Y-916J	
250 DT	W124	2500	1989->1993	5	OM 602.962		Y-916J	
250 D,TD	W124	2500	1989->1993	5	OM 602.912		Y-916J	
250 GD	W460	2500	1989->1993	5	OM 602.930		Y-916J	
290 GD	W461	2900	1993->1994	6	OM 602.942, 947		Y-916J	
290 GD	W461	2900	1997->	5	OM 602.983		Y-916J	
300 D	W124	3000	1989->1993	6	OM 603.913		Y-916J	
300 GD	W463	3000	1989->1993	6	OM 603.931		Y-916J	
300 SD	W140	3000	1992->1993	6	OM 603.971		Y-916J	
300 SED	W140	3000	1991->	6			Y-916J	
300 TD	W124	3000	1989->1993	6	OM 603.960		Y-916J	
300 TD	W124	3000	1989->1993	6	OM 603.960		Y-916J	
300 TD	W124 4 MAT	3000	1989->1993	6	OM 603.963		Y-916J	
350 D	W126	3500	1989->1991	6	OM 603.		Y-916J	
350 D,TD	W126	3500	1990->1991	6	OM 603.970		Y-916J	
350 GD	W463	3500	1991->1993	6	OM 603.972		Y-916J	
508 D		2300	1989->	4	OM 601.		Y-916J	
UNIMOG	100 L	2900	1992->	5	OM 602.948		Y-916J	
UNIMOG	U 90 D	3000	1992->	5	OM 602.941		Y-916J	
MITSUBISHI								**MITSUBISHI**
1300	2.5D MINI BUS, VAN	2500		4	4D56		Y-115T-1	
CANTER	2.6 LWB, SWB	2600	1983->	4	4G54	0.8	BPR6ES	BP6ES
CANTER	3.0 DT	3000	2001->2005	6	4M42		Y-1007J	
CANTER			1978->	4	4D30		Y-274	
CRANE			1969->1976	6	6D21		Y-175-2	
CRANE			1969->1976	6	6DC, 2		Y-175-2	
CRANE			1969->1976	8	8DC2		Y-175-2	
CRANE			1969->1979	10	10DC6		Y-175-2	
CRANE			1969->1979	12	12DC2		Y-175-2	
CRANE			1969->1980	8	8DC6		Y-175-2	
EXPO	2.0D LRV	2000	1993->1998	4	4D68		CZ257	
FORKLIFT	FD150			6	6DB1		Y-172	
JUPITOR	3.1 D		1962->1968	6	KE31/KE36		Y-145T	
L200	2.3 4X4	2300	1983->1986	4	4D55		Y-115T-1	
L200	2.5 KOT-K3T	2500	1994->1996	4	4D56 SOHC		CZ257	
L400	2.5D	2500	1995->1997	4	4D56		CZ257	
L400	2.5D	2500	1998->	4	4D56		Y-733J	
TRUCK	2.3 4X4	2300	1983->1984	4	4D55T		Y-115R-1	
NISSAN								**NISSAN**
CABALL	2.0L	2000		4	H20	0.8	BPR5ES	BP5ES
CABALL	3.0 12V	3000	1973->1976	4	ED30		Y-202	
CABALL	3.0 12V	3000	1977->1980	4	ED30		Y-202-2	
CABALL	3.0 12V	3000	1980->1981	4	ED30		Y-222T	
CABALL	3.0 24V	3000	1980->1981	4	ED30		Y-272T	
CABALL	3.0 24V	3000	1981->	4	ED30		Y-272R-1	
CABALL	3.0 D	3000	1955->1956	6	ED30		Y-222T	
CABALL	3.3	3300	1980->1981	4	ED33		Y-272T	
CABSTAR	2.2 12V	2200	1976->1977	4	SD22		Y-103	
CABSTAR	2.2 12V	2200	1979->1982	4	SD22		Y-112T	
CABSTAR	2.2 12V	2200	1977->1977	4	SD22		Y-103-1	
CABSTAR	2.2 12V	2200	1977->1979	4	SD22		Y-103-2	
CABSTAR	2.2 12V	2200	1982->	4	SD22		Y-112R-1	
CABSTAR	2.2 24V	2200	1979->1982	4	SD22		Y-181T	
CABSTAR	2.3	2300		4	SD23		Y-112M-1	
CABSTAR	2.3	2300		4	SD23		Y-112M-1	
CABSTAR	2.3	2300		4	TD23		Y-707RS	
CABSTAR	2.3	2300		4	TD23		Y-707RS	
CABSTAR	2.5	2500		4	SD25		Y-112M-1	
CABSTAR	2.5	2500		4	TD25		Y-707RS	
CABSTAR	2.5 F23 , H41	2500		4	TD25		Y-707RS	



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Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval
NISSAN								**NISSAN**
CABSTAR	2.7	2700		4	TD27		Y-707RS	
CABSTAR	2.7 F23 , H41	2700		4	TD27		Y-707RS	
CABSTAR	2.8 LCV	2800	1984->1990	6	L28	0.8	BPR6ES	BP6ES
CABSTAR	3.3	3300		4	ED33		Y-272R-1	
CLIPPER	3.0 12V	3000	1980->1981	4	ED30		Y-222T	
CLIPPER	3.0 24V	3000	1980->1981	4	ED30		Y-272T	
CLIPPER	3.3 24V	3300	1980->1981	4	ED33		Y-272T	
D21	2.5	2500	1993->	4	TD25		Y-707RS	
D21	2.7	2700	1993->	4	TD27		Y-707RS	
D21	2.7	2700	1993->	4	TD27T		Y-712RS	
F22	2.7	2700		4	TD27		Y-707RS	
F23	2.5	2500		4	TD25		Y-707RS	
F23	2.7	2700		4	TD27		Y-707RS	
FORKLIFT	1.5 12V	1500		3	SD15T NH02		Y-112R-1	
FORKLIFT	2.2 12V	2200	1981->	4	SD22 QF01A, QF02A		Y-103-2	
FORKLIFT	2.5	2500		4	SD25 CEF02, EF02, EGF02		Y-103-2	
FORKLIFT	2.5 12V	2500		4	SD25 H01, H02		Y-112R-1	
FORKLIFT	3.3	3300		6	SD33 FD005, FD006, FD007 SERIES 12V		Y-103	
FORKLIFT			2010->		K25	0.8	FR2A-D	
H41	2.5	2500		4	TD25		Y-707RS	
H41	2.7	2700		4	TD27		Y-707RS	
INTERSTAR	2.5 DCI	2500	2006->	4	G9U362		Y-517J	
NISSAN DIESEL								**NISSAN DIESEL**
CONDOL	3.3	3300	1981->	4	ED33		Y-272R-1	
OPEL								**OPEL**
BEDFORD	2.0 BLITZ D	2000	1978->1980	4	97000		Y-208T	
BEDFORD	2.1 BLITZ D	2100	1975->1979	4	MOT.-NR. 21 DT-36242		Y-810	
PEUGEOT								**PEUGEOT**
505	2.3D	2300	1981->	4	XD3(70-76CH)		Y-924J	
505	2.3TD	2300	1980->1986	4	XD 2 S		Y-208T	
505	2.5D	2500	1987->1993	4	XD 3		Y-924J	
604	2.3TD	2300	1979->1981	4	XD 2 S		Y-208T	
604	2.5TD	2500	1983->1986	4	XD 3 T		Y-924J	
605	2.1TD	2100	1998->2000	4	XUD11ATE,BTE		Y-924J	
605	2.5TD	2500	1994->1999	4	DK5 ATE		Y-924J	
BOXER	1.9D	1900	1998->	4	XUD9AU		Y-924J	
BOXER	1.9TD	1900	1994->1998	4	XUD9TF		Y-924J	
BOXER	2.2 HDI	2200	2001->	4	DW10TED4		Y-504J	
BOXER	2.5D	2500	1994->1998	4	DJ5		Y-924J	
BOXER	2.8HDI	2800	1997->	4	SOFIM		Y-924J	
EXPERT	1.8TD	1800	1998->	4	DW8TD		Y-503J	
EXPERT	1.9D	1900	1996->1998	4	XUD9BTF		Y-924J	
EXPERT	1.9D	1900	1996->1998	4	XUD9TF		Y-924J	
EXPERT	1.9TD	1900	1998->	4	XUD9BTF		Y-924J	
EXPERT	2.0 HDI	2000	2000->	4	DW10ATED		Y-504J	
EXPERT	2.1D	2100	1996->	4	XUD11ATE		Y-924J	
J	1.9 5D	1900	1987->	4	XUD9A		Y-924J	
J	2.5 5TD	2500	1987->1991	4	CRD93LS		Y-208T	
J5	1.9D	1900	1987->1994	4	XUD9A		Y-924J	
J5	2.5D	2500	1991->1994	4	CRD93LS		Y-924J	
J7	2.1D	2100	1970->1978	4	XDP90		Y-810	
J7	2.3D	2300	1979->1980	4	XD2P94		Y-208T	
J9	2.1D	2100	1980->1982	4	XDP4.90 (56CH)		Y-208T	
J9	2.1D	2100	1982->		XDP4.90 (56CH)		Y-924J	
J9	2.3D TRANSPORTER	2300	1980->1982	4	XD2P		Y-208T	
J9	2.5D	2500	1982->	4	XD3P (72CH)		Y-924J	
J9	2.5D TRANSPORTER	2500	1980->1982	4	XD3P		Y-208T	
RENAULT								**RENAULT**
B70	2.5TD	2500	1983->1990				Y-924J	
R18	2.1D	2100	1984->1986	4	J8S		Y-924J	
R18	2.1TD	2100	1984->1986	4	J8S (68CH)		Y-924J	
R19	1.9TD	1900	1990->1996	4	F8Q610,740,744,768		Y-933J	
R21	1.9D NEVADA	1900	1991->1995	4	F8Q710		Y-924J	
R21	2.1D NEVADA	2100	1989->1993	4	J8S...		Y-924J	
R25	2.1TD	2100	1984->1992	4	J8S-708,738		Y-924J	
TRAFIC	2.1D P1000, P1200, 4X4	2100	1981->1997	4	852,720,750		Y-924J	
TRAFIC	2.1D T 1000	2100	1997->	4	S8U-758,780,782		Y-910J	



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- DIESEL VEHICLE

Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval
RENAULT								**RENAULT**
VEL SATIS	2.2DCI	2200	2002->2003	4	G9T702		Y-517J	
WINNEBAGO	2.1D	2100	1982>1987	4	J8S 232, J8S 234		Y-924J	
TOYOTA								**TOYOTA**
2R,3R,F,2F	FORKLIFT					0.8	BPR5EY	
4P,5R	FORKLIFT					0.8	BPR2ES	
4RUNNER	2.4D 12V	2400		4	2L		Y-118-R	
4RUNNER	2.4TD	2400	1990->1996	4	2L-T		Y-715R	
4RUNNER	2.5D	2500	1993->	4	2L-T		Y-715R	
4RUNNER	2.8D	2800	1993->	4	3L		Y-715R	
4RUNNER	3.0D KZN185	3000	1993->	4	1KZ-T		Y-715R	
5P	FORKLIFT					0.8	BPR4ES	GR4IX
COASTER	12V		1993->		13B		Y-147T	
COASTER	4.0D 24V	4000	1982>	6	2H		Y-197-R	
CROWN	2.5D	2500	1993->	4	2L		Y-715R	
DYNA	2500 12V	2400		4	2L		Y-118-R	
DYNA	2500 12V	2500	1993->	4	2L		Y-715R	
DYNA	2800	2800	1993->	4	3L		Y-715R	
DYNA	2.5D	2500	2000->	4	2KD-FTV		Y-531J	
DYNA	3000		1980->1982	4	3B		Y-178T	
DYNA	3000 12V	3000	1993->	4	B 11B		Y-147T	
DYNA	3000 12V	3000	1974->1980	4	B		Y-128T	
DYNA	3000 12V	3000	1977->1980		2B		Y-128T	
DYNA	3000 24V	3000	1982->1989	4	B		Y-197-R	
DYNA	3000 24V	3000	1990->1991	4	B		Y-178T	
DYNA	3000 24V		1977->1980		2B		Y-178T	
DYNA	3700 12V		1993->		14B		Y-147T	
DYNA	3700 24V		1974->1982	6	H, 2H		Y-178T	
DYNA	3700 24V		1982->	6	H, 2H		Y-197-R	
DYNA	3.7 D	3700	1969->1975	6	2J		Y-402-2	
HINO	BUS		1968->		EB200		Y-176	
HINO	BUS		1968->		EB300		Y-176	
HINO	BUS		1968->		EB400		Y-176	
HINO	BUS		1968->		EH100		Y-176	
HINO	BUS		1968->		EH300		Y-176	
HINO	BUS		1968->1976		DM100		Y-176	
HINO	BUS		1968->1976		DS60		Y-173	
HINO	BUS		1968->1977		DS140		Y-173	
HINO	BUS		1968->1977		DS50		Y-173	
HINO	BUS		1968->1977		DS70		Y-173	
HINO	BUS		1968->1977		DS80		Y-173	
HINO	BUS		1968->1977		EB100		Y-173	
HINO	BUS		1968->1978		DK20		Y-173	
HINO	BUS		1968->1979		EC100		Y-176	
HINO	RANGER	2500	1978->	4	DG		Y-128T	
HINO	RANGER	3000	1983->1988	4	B,D		Y-197-R	
HINO	RANGER	3400	1983->1988	4	3 B,D		Y-197-R	
HINO	RANGER		1968->		EH300		Y-176	
TRUCK	2.4D 24V	2400	1973->	4	2L		Y-118-R	
VOLKSWAGEN								**VOLKSWAGEN**
LT	2.4TD	2400	1978->1982	6	CP		Y-918J	
LT	2.5TD	2500	1995->1996	5	ACV		Y-732J	
LT 28	2.8TDI	2800	1996->	6	AHD		Y-732J	
LT 31	2.4D	2400	1988->1995	6	1S		Y-918J	
LT 35	2.5SDI	2500	1996->2001	5	AGX		Y-732J	
LT 35	2.8TDI	2800	1996->	5	AHD		Y-732J	
PHAETON	5.0TDI	5000	2002->	10	AJS		Y-741U	
VOLVO								**VOLVO**
200			1981->				Y-207T	
240	2.0D	2000	1979->1981	4	D 20		Y-918J	
240	2.4D	2400	1979->1993	4	D 24		Y-918J	
340	1.6D	1600	1984->1991	4	D 16		Y-913J	
340			1984->				Y-918J	
440	1.9TD	1900	1993->	4	RENAULT F8Q		Y-933J	
460	1.9TD	1900	1994->	4	D 19 T		Y-933J	
740	2.4TD	2400	1987->1992	6	D 24 TIC		Y-918J	
760	2.4TD	2400	1987->1992	6	D 24 TIC		Y-918J	
780	2.4TD	2400	1985->	6	D 24 TIC		Y-918J	
850	2.5TDI	2500		5	AUDI D5252		Y-732J	
F	3.6D 407,408	3600	1978->1986	6	TD 40A		Y-909R	



Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval
ARCTIC CAT								**ARCTIC CAT**
50	50 ATV	50	2006->	1		0.8	CR7HSA	
90	90 ATV	90	2006->	1		0.8	CR7HSA	
250	250 ATV	250	1999->2005	1		0.7	DR7EA	
300	300 ATV	300	1998->2005	1		0.7	DR7EA	
400	400 ATV	400	2004->2006	1		0.8	CR7E	
500	500 ATV	500	1999->2006	1		0.8	CR6E	
650	650 ATV	650	2004->2006	1		0.8	CR7E	
650	650 ATV	650	2006->	1		0.8	CPR8EA-9	
BASHAN								**BASHAN**
150	CVT 150	150	2011->	1		0.8	C7HSA	CR7HSA
250	CHEETAH SPORT 200	250	2011->	1		0.8	D8EA	DR8EA
250	GRIZZLEY CVT 250	250	2011->	1		0.8	D8EA	DR8EA
BIG BOY								**BIG BOY**
110	CR 110 MONSTER	110	2011->	1		0.8	C7HSA	CR7HSA
110	JNR 110 R6 MONSTER	110	2011->	1		0.8	C7HSA	CR7HSA
110	JNR 110 R7 MONSTER	110	2011->	1		0.8	C7HSA	CR7HSA
125	CR 125 MONSTER	125	2011->	1		0.8	C7HSA	CR7HSA
300	D300	300	2011->	1		0.8	D8EA	DR8EA
300	H300	300	2011->	1		0.8	DR8EA	
450	SBS450	450	2011->	1		1.1	IFR8H-11	
550	K550 MONSTER FI	550	2011->	1		0.8	DR8EA	
BOMBARDIER								**BOMBARDIER**
250	DS250	250	2006->	1		0.8	CR8E	
330	OUTLANDER 330	330	2002->	1		0.8	DCPR8E	
400	OUTLANDER 400	400	2003->	1		0.8	DCPR8E	
450	DS 450	450	2008->	1		0.8	DCPR9E	
500	OUTLANDER 500	500	2007->	1		0.8	DCPR8E	
500	RENEGADE 500	500	2008->	1		0.8	DCPR8E	
650	DS 650	650	2000->2007	1		0.8	DCPR8E	
650	OUTLANDER 650	650	2006->	1		0.8	DCPR8E	
800	OUTLANDER 800	800	2006->	2		0.8	DCPR8E	
CAGIVA								**CAGIVA**
125	RAPTOR	125	2004->	1		0.8	BR9EG	BR9ES
650	RAPTOR	650	2000->	2		0.8	CR8E	
GAS GAS								**GAS GAS**
300	HP 300 WILD ATV	300	2003->	1		0.8	BR8EIX	BR8ES
GOMOTO								**GOMOTO**
70	PUMA 70 CVT	70	2011->	1		0.8	C7HSA	CR7HSA
110	ORION 110	110	2011->	1		0.8	C7HSA	CR7HSA
150	CVT 150	150	2011->	1		0.8	C7HSA	CR7HSA
250	250 WATER COOLED	250	2011->	1		0.8	D8EA	DR8EA
HONDA								**HONDA**
90	TRX 90 ATV	90	1993->2006	1		0.8	CR7HSA	
200	ATC BIG RED	200	1982->1983	1		0.7	D8EA	DR8EA
200	ATC200,E,ES,M,S,X	200	1982->1984	1		0.7	D8EA	DR8EA
200	TRX-200,XN SPORT,DN AGRI	200	1981->1985	1		0.7	D8EA	DR8EA
200	TRX200DV	200	1991->1998	1		0.7	DR8ESL	
250	ATC250ES,SX	250	1985->	1		0.7	D8EA	DR8EA
250	ATC250R	250	1985->1987	1		0.8	B8ES	BR8ES
250	ATC250R ATV	250	1984->1986	1		0.8	BR9ES	
250	ATC250SX	250	1985->	1		0.7	D8EA	DR8EA
250	TRX250EX ATV	250	2001->2006	1		0.9	DPR8EA-9	
250	TRX250R ATV	250	1987->1988	1		0.8	BR9ES	
250	TRX250TM ATV	250	1996->2006	1		0.9	DPR8EA-9	
250	TRX250X ATV	250	1985->1987	1		0.7	DR8ESL	
300	TRX300 FWP4X4	300	2000->2006	1		0.9	DPR8EA-9	
300	TRX300EX ATV	300	1993->2005	1		0.7	DR8ESL	



ATV

Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval
HONDA								**HONDA**
300	TRX300EX ATV	300	2006->	1		0.7	DR7EA	
300	TRX300FWT	300	2000->2006	1		0.9	DPR8EA-9	
350	TRX350TE	350	2000->2006	1		0.9	DPR7EA-9	
400	400FGA ATV	400	2004->2006	1		0.9	DPR7EA-9	
400	TRX400EX ATV	400	2001->2006	1		0.8	DPR8Z	
400	TRX400FE ATV	400	2004->2006	1		0.9	DPR7EA-9	
400	TRX400FGA ATV	400	2004->2007	1		0.9	DPR8EA-9	
400	TRX400FWT	400	1995->2004	1		0.9	DPR7EA-9	
450	TRX450	450	1998->	1		0.9	DPR7EA-9	
450	TRX450ER ATV	450	2006->	1		1.1	IFR8H-11	
450	TRX450R ATV	450	2004->2006	1		1.1	IFR8H-11	
450	TRX450R,ER ATV	450	2004->2006	1		1.1	IFR8H-11	
450	TRX450V ATV	450	1998->	1		0.9	DPR7EA-9	
500	4 WHEELER ATV	500	2001->	1		0.9	IJR7A-9	
500	TRX500 ATV	500	2001->	1		0.9	IJR7A-9	
500	TRX500FA	500	2001->	1		0.9	IJR7A-9	
500	TRX500FA ATV	500	2001->2006	1		0.9	IJR7A-9	
500	TRX500FE ATV	500	2005->2006	1		1.1	BKR5ES-11	
500	TRX500FE ATV	500	2005->2006	1		1.1	BKR5ES-11	
500	TRX500FE,FM,TM	500	2005->2009	1		1.1	BKR5ES-11	
500	TRX500FGA ATV	500	2004->2006	1		0.9	IJR7A-9	
650	TRX650FA ATV	650	2005->	1		1	IFR5N-10	
650	TRX650FGA ATV	650	2005->	1		1.1	IFR5N-10	
680	TRX680FA	680	2006->	1		1	IFR5N-10	
KAWASAKI								**KAWASAKI**
50	KFX50 ATV	50	2004->2006	1		0.7	BPR4HS	
50	KFX50A ATV	50	2003->	1		0.7	BPR4HS	
80	KFX80 ATV	80	2003->2006	1		1	BPR7HIX	
160	KLT160	160	1985->	1		0.7	C6HSA	CR6HSA
185	KLF185	185	1985->1988	1		0.7	D8EA	DR8EA
185	KLF185 BAYOU	185	1985->1988	1		0.7	D8EA	DR8EA
200	KLT200	200	1981->1984	1		0.8	B7ES	BR7ES
250	KLF250 ATV	250	2003->2010	1		0.7	DR8EA	
250	KLF250A ATV	250	2002->2010	1		0.7	DR8EA	
300	KLF300 BAYOU,PRAIRIE 4X4	300	2000->	1		0.7	DR8EA	
300	KVF300 CEF	300	2014->	1		0.9	DPR7EA-9	
360	KVF360 ATV	360	2003->2006	1		0.9	DPR8EA-9	
400	KAF400 BEF	400	2014->	2		0.9	BPR5ES	BP5ES
400	KFX400 ATV	400	2003->2006	1		0.8	CR7E	
400	KFX400A ATV	400	2003->	1		0.8	CR8E	
400	KLF400	400	1993->1999	1		0.9	DPR8EA-9	
400	KSF400 F ATV	400	2003->2006	1		0.8	CR7E	
450	KSF450 BEF	450	2014->	1		0.9	CPR8EB-9	
650	KVF650 ATV	650	2005->	2		0.8	CR7E	
650	KVF650 FEF	650		1		0.8	CR7E	
700	KFX700 ATV	700	2004->2006	2		0.8	CR7E	
700	KSV700A ATV	700	2004->2006	2		0.8	CR7E	
700	KSV700B ATV	700	2004->2006	2		0.8	CR7E	
700	KSV700C ATV	700	2006->	2		0.8	CR7E	
750	KSV750 ATV	750	2004->2006	2		0.8	CR7E	
750	KVF750 ATV	750	2005->	2		0.8	CR7E	
KYMCO								**KYMCO**
50	MX ATV	50	2001->	1		0.8	BR8HS	
50	MXER ATV	50	2002->2005	1		0.8	BR8HS	
90	MONGOOSE ATV	90	2004->2005	1		0.8	CR7HSA	
150	ATV	150	2002->2005	1		0.8	CR8E	
150	MX ATV	150	2001->	1		0.7	DR8EA	
250	KXR ATV	250	2001->	1		0.9	DPR7EA-9	
250	MONGOOSE ATV	250	2004->2005	1		0.9	DPR7EA-9	
250	MXU ATV	250	2005->	1		0.9	DPR7EA-9	
250	VENOX 4 TAKT	250	2001->	1		0.9	DPR7EA-9	
LEM								**LEM**
50	CAYMAN ATV	50	1997->2004	1		0.8	BR8HS	
50	CONDOR ATV	50	1997->2004	1		0.8	BR8HS	



Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval
POLARIS								**POLARIS**
200	PHOENIX ATV	200	2005->	1		0.8	CR7HSA	
250	R TRAILER BLAZER 2X4	250	1990->1995	1		0.8	BR8ES	
250	TRAIL BLAZER ATV	250	1990->	1		0.8	BR8ES	
300	HAWKEYE ATV	300	2006->	1		0.8	CR8E	
325	M/NUM 4X4	325	1995->	1		0.8	BKR6E	
325	R M/NUM 2X4	325	2000->	1		0.8	BKR6E	
325	T/BOSS 2X4	325	1995->	1		0.8	BKR6E	
330	MAGNUM ATV	330	2005->	1		0.8	BKR6EY	
335	SPORTSMAN 4X4	335	2005->	1		0.8	BCPR7E	
400	SCRAM 2X4,4X4	400	1993->1994	1		0.8	BR8ES	
400	SPORTSMAN ATV	400	2003->2005	1		0.8	BKR5ES	
400	XPLORER	400	1994->	1		0.8	BR8ES	
425	XPEDITION	425	1995->	1		0.8	BKR5E	
450	SPORTSMAN ATV	450	2006->	1		0.8	BKR6E	
500	PREDATOR ATV	500	2005->	1		0.8	DCPR8E	
500	R M/NUM 4X4	500	1995->	1		0.8	BKR5E	
500	R SCRAM 4X4	500	1992->1994	1		0.8	BKR5E	
500	RANGER 6X6	500	1998->	1		0.8	BKR5E	
500	RANGER ATV	500	2004->2006	1		0.8	BKR6E	
500	SCRAM 2X4	500	1998->	1		0.8	BKR5E	
500	SPORTSMAN 6X6	500	2005->	1		0.8	BKR6E	
500	SPORTSMAN 4X4	500	1996->2004	1		0.8	BKR5E	
600	SPORTSMAN ATV	600	2003->2005	1		0.8	BCPR7E	
700	SPORTSMAN ATV	700	2003->	1		0.8	BCPR7E	
800	SPORTSMAN	800	2005->	1		0.8	BCPR7E	
850	850	850	2009->2010	2		0.8	LZKAR7A	
SUZUKI								**SUZUKI**
50	LT-A50 K2	50	2001->	1		0.7	BPR4HS	
50	LT50	50	2002->	1		0.7	BP4HS	BPR4HS
50	LT50E,L	50	1998->	1		0.7	BP4HS	BPR4HS
80	LT-80 ATV	80	1996->2005	1		1	BPR7HS-10	
80	LT80,M,N	80	1987->1995	1		0.7	BP7HS	
160	LTF160L ATV	160	1998->2001	1		0.9	DP7EA-9	DPR7EA-9
185	LT185	185	1986->	1		0.7	D7EA	DR7EA
185	LT185E,FE	185	1984->1987	1		0.7	D7EA	DR7EA
230	LT-F230	230	1987->	1		0.7	D7EA	DR7EA
230	LT230GE	230	1979->1983	1		0.7	D7EA	DR7EA
230	LT230GEF	230	1991->1993	1		0.7	D7EA	DR7EA
230	LT230GE,GF,SF	230	1989->1991	1		0.7	D7EA	DR7EA
230	LT230S	230	1985->1993	1		0.7	D7EA	DR7EA
250	LT-F 250 ATV	250	1999->2005	1		0.7	DR7EA	
250	LT-Z 250 ATV	250	2005->2005	1		0.7	DR7EA	
250	LT250EFF	250	1986->	1		0.7	D8EA	DR8EA
250	LT250RF	250	1985->	1		0.8	B8ES	BR8ES
250	LTF250K	250	2002->2009	1		0.7	D7EA	DR7EA
300	LTF 300	300	1999->	1		0.7	D8EA	DR8EA
400	LT-A400F ATV	400	2002->2005	1		0.8	CR7E	
400	LT-Z 400 ATV	400	2003->2005	1		0.8	CR8E	
400	LTF-400F ATV	400	2002->2005	1		0.8	CR7E	
400	LTZ400	400	2002->2003	1		0.8	CR7E	
400	LTZ400 ATV	400	2002->	1		0.8	CR8E	
450	LTR450 ATV	450	2007->	1		0.8	CR8E	
500	LT-F 500F ATV	500	2004->2005			0.8	CR7E	
500	LTA500F ATV	500	2007->			0.8	CR6E	
500	LTF500 ATV	500	2007->			0.8	CR6E	
700	LT-A700X ATV	700	2005->	1		0.9	CR6EIA-9	
700	LT-V700F ATV	700	2005->	1		0.9	CR6EIA-9	
SYM								**SYM**
250	QUADLANDER ATV	250	2006->	1		0.8	BPR8HIX	
YAMAHA								**YAMAHA**
80	YFM 80 GRIZZLY	80	2005->2012	1		0.8	CR7HSA	
80	YFM80E	80	1993->	1		0.7	C7HSA	CR7HSA
80	YFM80N	80	1985->2001	1		0.7	C7HSA	CR7HSA
125	YFA1	125	1999->2004	1		0.8	CR7HSA	
125	YFM 125 ATV	125	2005->2006	1		0.8	CR7HSA	



ATV

Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval
YAMAHA								**YAMAHA**
200	YFS 200 ATV	200	2001->2006	1		0.8	BR8ES	
200	YFS200 ATV	200	1990->2004	1		0.8	B8ES	BR8ES
250	YFB250	250	1999->2000	1		0.7	DR7EA	
250	YFB250E	250	1992->1998	1		0.7	D7EA	DR7EA
250	YFM250 ATV	250	2005->	1		0.7	DR7EA	
350	YFM 350 ATV	350	2004->2012	2		0.7	DR8EA	
350	YFM350ERT	350	1994->	2		0.7	D8EA	DR8EA
350	YFP350	350	1988->	1		0.7	D8HS	
350	YFZ350 BANSHEE	350	1987->2006	2		0.8	BR8ES	
400	YFM 400F ATV	400	2000->2006	1		0.7	DR8EA	
400	YFM400	400	2000->	1		0.7	DR8EA	
400	YFM400 AN ATV	400	2003->2004	1		0.7	DR8EA	
400	YFM400 FW ATV	400	1994->2004	1		0.7	DR8EA	
400	YFM450 FW AN	400	2003->2004	1		0.7	DR8EA	
400	YP400 ATV	400	2005->	1		0.8	CR7E	
450	YFM 450F ATV	450	2003->2006	1		0.7	DR8EA	
450	YFZ450S ATV	450	2004->	1		0.8	CR8E	
450	YZF 450V ATV	450	2006->	1		0.8	CR8E	
550	YFM550 GRIZZLY	550	2010->	2		0.9	LMAR6A-9	
600	YFM600 GRIZZLY	600	1999->2005	2		0.9	DPR8EA-9	
660	YFM 660 GRIZZLY ATV	660	2002->2004	1		0.9	DPR8EA-9	
660	YFM660R RAPTOR	660	2001->	1		0.9	DPR8EA-9	
700	YFM 700RV ATV	700	2006->	1		0.8	CR8E	
700	YFM700 RAPTOR ATV	700	2007->	1		0.8	CR8E	
700	YFM700F GRIZZLY	700	2009->	1		0.9	LMAR6A-9	

GOLF CART



Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval
CLUB CAR								**CLUB CAR**
CAFE EXPRESS	351		2003->			0.8	BPR5ES	BP5ES
CARRY ALL 272	351		2000->2003			0.8	BPR5ES	BP5ES
CARRY ALL TURF 1,2	286		1992->2003			0.8	BPR5ES	BP5ES
CARRY ALL TURF 2 XRT	351		2003->			0.8	BPR5ES	BP5ES
VILLAGER SERIES	351		2003->			0.8	BPR5ES	BP5ES
EZGO								**EZGO**
						0.8	FR2A-D	
YAMAHA								**YAMAHA**
G-MAX	357		2003->			0.8	BPR2ES	
U-MAX UTILITY	357		2003->			0.8	BPR2ES	



MOTOR CYCLES

Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval
APACHE								**APACHE**
TVR	180	180	2012->	1		0.8	CR9EIX	
APRILIA								**APRILIA**
50	RS4	50	2011->	1		0.8	BR8ES	
125	MOJITO 125	125	2005->	1		0.8	CR9E	
125	MX 125	125	2004->	1		0.8	BR8EIX	BR8ES
125	RS 125	125	1996->2005	1		0.8	BR8ES	
125	RS125	125	2006->2007	1		0.8	BR10EG	
125	RS4	125	2011->	1		0.8	CR9EB	
250	RS 250	250	1995->2003	2		0.8	BR9ECM	
400	SCARABEO 400	400	2007->	1		0.8	CR7EKC	
450	ENDOMOTO 450	450	2007->	2		0.8	CR8EK	
450	RXV 450	450	2006->	2		0.8	CR8E	
450	SXV 450	450	2007->	2		0.8	CR8EK	
550	RXV 550	550	2007->	2		0.8	CR8EK	
650	PEGASO 650	650	2007->	1		0.8	CR7E	
650	PEGASO ML,MX,GA 650	650	1997->	1		0.7	DR8EA	
650	PEGASO TRIAL 650	650	2006->	1		0.8	CR7E	
660	PEGASO 660	660	2006->2009	1		0.8	CR7E	
750	SHIVER 750	750	2007->	2		0.8	CR7EKC	
750	SHIVER GT 750	750	2009->	2		0.8	CR7EKC	
850	MANA GT 850	850	2009->	2		0.8	CR7EKC	
1000	ETV 1000	1000	2001->2004	2		0.8	DCPR9E	
1000	FALCO 1000 SL	1000	2000->	2		0.7	DCPR9EIX	DCPR9E
1000	RSV 1000 SP	1000	2000->2003	2		0.8	R0045J-10	
1000	RSV 1000 SPRC	1000	2010->	4		0.8	CR9EB	
1000	RSV 1000R MILE	1000	1998->	2		0.7	DCPR9EIX	DCPR9E
1000	RSV4 1000	1000	2007->	2		0.8	DCPR9E	
1000	RSV4 1000 R	1000	2009->2011	2		0.8	CR9EB	
1000	TUONO 1000	1000	2004->2006	2		0.8	DCPR9E	
1000	TUONO 1000 V4	1000	2011->	4		0.8	CR9EK	
1200	DORSODURO 1200	1200	2010->	2		0.8	CR9EK	
BAJAJ								**BAJAJ**
100	100 BOXER BM	100	2011->	1		0.8	C7HSA	CR7HSA
125	125 PLATINA	125	2011->	1		0.8	C7HSA	CR7HSA
135	135 PULSAR LS	135	2011->	1		0.8	CR9E	
180	180 PULSAR DTS-I	180	2011->	1		0.8	CR9E	
180	180 PULSAR UG4	180	2011->	1		0.8	CR9E	
220	220 AVENGER	220	2011->	1		0.8	CR9E	
220	220 PULSAR	220	2011->	1		0.8	CR9E	
220	220 RE-4S	220	2011->	1		0.8	D8EA	DR8EA
BASHAN								**BASHAN**
100	100 BS- R	100	2011->	1		0.8	C7HSA	CR7HSA
125	125 PITT	125	2011->	1		0.8	C7HSA	CR7HSA
125	125 R	125	2011->	1		0.8	C7HSA	CR7HSA
125	125 RR	125	2011->	1		0.8	C7HSA	CR7HSA
125	125 X-PLODE	125	2011->	1		0.8	C7HSA	CR7HSA
125	125 X-PLODE SCRAMBLER	125	2011->	1		0.8	C7HSA	CR7HSA
125	125 X-PLODE MOTARD	125	2011->	1		0.8	C7HSA	CR7HSA
150	150 RR	150	2011->	1		0.8	C7HSA	CR7HSA
200	200 X-PLODE SCRAMBLER	200	2011->	1		0.8	D8EA	DR8EA
250	250 HAWK XTC	250	2011->	1		0.8	D8EA	DR8EA
250	250 R	250	2011->	1		0.8	D8EA	DR8EA
250	250 RR	250	2011->	1		0.8	D8EA	DR8EA
250	250 X-PLODE	250	2011->	1		0.8	D8EA	DR8EA
BENELLI								**BENELLI**
899	TORNADO NAKED TRE	900	2010->	3		0.8	CR9E	
1130	CENTURY RACER	1130	2010->	3		0.8	CR9E	
1130	TORNADO NAKED TRE	1130	2006->	3		0.8	CR9E	
1130	TRE 1130K	1130	2007->	3		0.8	CR9E	
BETA								**BETA**
250	RR 250 2T	250	2012->	1		0.8	BR8ES	

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BETA								**BETA**
300	RR 300 2T	300	2012->	1		0.8	BPR7EIX	
300	X TRAINER	300	2013->	1		0.8	BPR7EIX	
400	RR 400 4T	400	2010->	1		0.9	LKAR8AI-9	
450	RR 450 4T	450	2010->	1		0.9	LKAR8AI-9	
498	RR 498 4T	498	2013->	1		0.9	LKAR8AI-9	
BIG BOY								**BIG BOY**
50	50 JNR ZOOKA	50	2011->	1		0.8	BP5HS	
100	100 JNR ZOOKA	100	2011->	1		0.8	C7HSA	CR7HSA
125	125 TTR ZOOKA	125	2011->	1		0.8	C7HSA	CR7HSA
125	125 VENTURE	125	2011->	1		0.8	C7HSA	CR7HSA
125	CGL 125	125	2011->	1		0.8	D8EA	DR8EA
125	CR125 ZOOKA	125	2011->	1		0.8	C7HSA	CR7HSA
125	CRF125-801 ZOOKA	125	2011->	1		0.8	C7HSA	CR7HSA
125	CRF125 ZOOKA	125	2011->	1		0.8	C7HSA	CR7HSA
125	GP 125 CB	125	2011->	1		0.8	D8EA	DR8EA
125	GP 125 NCB	125	2011->	1		0.8	D8EA	DR8EA
125	XTG 125	125	2011->	1		0.8	D8EA	DR8EA
150	CGL 150	150	2011->	1		0.8	D8EA	DR8EA
150	CR150 ZOOKA	150	2011->	1		0.8	C7HSA	CR7HSA
150	LEGACY 150	150	2011->	1		0.8	C7HSA	CR7HSA
150	SUPERLIGHT 150	150	2011->	1		0.8	C7HSA	CR7HSA
160	CRF160-801 ZOOKA	160	2011->	1		0.8	C7HSA	CR7HSA
160	TTR160 ZOOKA	160	2011->	1		0.8	C7HSA	CR7HSA
200	GP 200 CB	200	2011->	1		0.8	D8EA	DR8EA
200	GP 200 NCB	200	2011->	1		0.8	D8EA	DR8EA
200	XTG 200	200	2011->	1		0.8	D8EA	DR8EA
250	BLACKBALL 250	250	2011->	1		0.8	C7HSA	CR7HSA
250	CRUISER 250	250	2011->	1		0.8	C7HSA	CR7HSA
250	SRC 250	250	2011->	1		0.8	D8EA	DR8EA
250	SRE 250	250	2011->	1		0.8	D8EA	DR8EA
250	SRM 250	250	2011->	1		0.8	D8EA	DR8EA
250	SRT 250	250	2011->	1		0.8	D8EA	DR8EA
250	SRX 250	250	2011->	1		0.8	D8EA	DR8EA
250	VOYGER 250	250	2011->	1		0.8	C7HSA	CR7HSA
250	XTG250	250	2011->	1		0.8	D8EA	DR8EA
450	MXR 450	450	2011->	1		1.1	IFR8H-11	
450	SMR 450 FI	450	2011->	1		1.1	IFR8H-11	
BIMOTA								**BIMOTA**
500	500 V-DUE	500	1993->	1		0.8	BR9ES	
600	YB9 BELLARIA	600	1990->1993	4		0.8	CR9E	
600	YB9 SR	600	1994->1996	4		0.8	CR9E	
650	BIPOSTO BB1	650	1996->1997	1		0.8	D8EA	
750	DB -1S	750	1986->1987	2		0.8	BP7HS	
750	HB1	750	1975->1976	4		0.8	DR8EA	
750	SB7	750	1994->1995	4		0.8	CR9EK	
750	YB4	750	1988->1989	4		0.8	DR8EA	
851	TESI1	851	1990->1991	4		0.8	DR9EIX	
900	DB2	900	DPR8EA-9->	2		0.9	DPR8EA-9	
900	HB2	900	1982->1983	4		0.8	DR8EA	
904	DB3 MANTRA	904	1995->1998	2		0.9	DPR8EA-9	
1000	SB8R	1000	1998->1999	4		0.8	CR9EK	
1000	YB6	1000	1988->1990	4		0.8	DR8ESL	
1000	YB8 EXUP	1000	1995->1995	4		0.8	DR8ESL	
1002	YB11	1002	1996->1998	4		0.8	DR8EA	
1078	DB5 S	1078	2010->	2		0.8	DCPR8E	
1078	DB6 R DELIRIO	1078	2008->	2		0.8	DCPR8E	
1078	TESI3 D	1078	2010->	2		0.8	DCPR8E	
1100	DB5	1100	2005->2006	2		0.8	DCPR8E	
1100	DB6	1100	2007->	2		0.8	DCPR8E	
1100	DB7	1100	2009->	2		0.8	MAR10A-J	
1100	HB3	1100	1983->1985	4		0.8	DR8EA	
1100	SB6	1100	1994->1996	4		0.8	CR9E	
1100	SB6 R	1100	1997->1998	4		0.8	CR9E	
1150	SB5	1150	1985->1986	4		0.9	DPR9EA-9	
1200	YB5	1200	1987->1988	4		0.9	DPR8EA-9	



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BMW								**BMW**
450	G450C	450	2008->	1		0.8	CR9EK	
450	G450X	450	2008->	1		0.8	CR9EK	
500	R50 & R51 SERIES 12.7MM REACH	500	1951->1954	2		0.7	B7HS	BR7HS
500	R50 & R51 SERIES 19.0MM REACH	500	1955->1969	2		0.8	B8ES	BR8ES
500	R50/5	500	1969->1973	2		0.8	BPR7ES	
600	R60 & R69 SERIES 12.7MM REACH	600	1956->1969	2		0.8	BR8HIX	BR8HS
600	R60/5,6,7	600	1976->1978	2		0.8	BPR6ES	BP6ES
600	R60 & R69 SERIES 19.0MM REACH	600	1956->1969	2		0.8	B8ES	BR8ES
650	F650 DAKAR	650	2000->2003	1		0.8	DR8EA	
650	F650 DAKAR/M	650	2003->2006	1		0.8	DR8EA	
650	F650 FUNDURO	650	1999->	2		0.8	BCPR7ET	BCPR7ES
650	F650 FUNDURO	650	2000->2003	1		0.7	DR8EA	
650	F650 GS	650	2007->2010	1		0.8	DCPR8E	
650	F650 GS/DAKAR	650	2004->2004	1		0.8	DR8EA	
650	F650 GS/DAKAR	650	2005->2006	1		0.8	DR8EA	
650	F650 S/M	650	2003->2007	1		0.8	DR8EA	
650	G650 XCHALLENGE XCOUNTRY XMOTO	650	2007->	1		0.8	DR8EA	
650	G650X CHALLENGE	650	2007->	1		0.8	DR8EA	
650	G650X COUNTRY	650	2007->	1		0.8	DR8EA	
650	R65	650	1978->	2		0.8	BPR7ES	
700	F 700 GS	700	2013->	2		0.8	DCPR8E	
750	K75C, K75S	750	1985->1996	3		0.7	D8EA	DR8EA
750	R75/5, R75/6, R75/7	750	1970->	3		0.8	BPR6ES	BP6ES
800	F 800 GT	800	2013 ->	2		0.8	DCPR8E	
800	F 800R	800	2009->	2		0.8	DCPR8E	
800	F650GS	800	2008->	2		0.8	DCPR8E	
800	F800GS	800	2008->	2		0.8	DCPR8E	
800	F800S,ST	800	2006->	2		0.8	DCPR8E	
800	R80GS	800	1980->1994	2		0.8	BPR6ES	BP6ES
800	R80/7, R80G, R80S	800	1982->1995	2		0.8	BPR6ES	BP6ES
850	R850R	850	1999->2000	2		0.8	BKR7EKC	
900	R90/6, R90S	900	1976->	2		0.8	BPR6ES	BP6ES
1000	GS100	1000	1989->	2		0.8	BPR6ES	BP6ES
1000	K100RS4V	1000	1989->1992	4		0.7	D9EA	DR9EA
1000	K100, K100RS, K100RT 72KW	1000	1990->1993	4		0.7	D8EA	DR8EA
1000	R100GS	1000	1985->	2		0.8	BP6EVX	BP6ES
1000	R100/7, 100S, 100RS	1000	->1986	2		0.8	BPR6ES	BP6ES
1000	S1000RR	1000	2009->	4		0.8	LMAR9D-J	
1100	K1100LT	1100	1999->	4		0.7	DR7EA	
1100	R1100 S	1100	2003->	2		0.8	BKR7EKC+DCPR8EKC	
1100	R1100RT	1100	1995->2001	2		0.8	BKR7EKC	
1100	R1100 RS	1100	1992->2001	2		0.8	BCP7ET	BCP7ES
1150	R1150GS,R,RT	1150	1999->2003	2		0.8	BKR7EKC+DCPR8EKC	
1150	R1150R,RT	1150	2001->2003	2		0.8	BKR7EKC	
1200	HP2 MEGAMOTO 1200	1200	2007->	2		0.7	DCPR8EKC	
1200	K1200GT	1200	2006->	4		0.8	KR9CI	
1200	K1200R	1200	2006->	4		0.8	KR9CI	
1200	K1200R SPORT	1200	2007->	4		0.8	KR9CI	
1200	K1200RS	1200	1997->2003	4		0.7	DCPR7E	
1200	K1200S	1200	2004->	4		0.8	KR9CI	
1200	K1200/RS,LT	1200	1997->	4		0.8	BKR6EK	
1200	R1200C	1200	->2003	2		0.8	BKR7EKC	
1200	R1200GS	1200	2005->	2		0.7	DCPR8EKC	
1200	R1200GS	1200	2009->	2		0.7	DCPR8EKC	
1200	R1200GS	1200	2010->	2		0.8	MAR8B-JDS	
1200	R1200GS	1200	2014->	2		0.8	LMAR8D-J	
1200	R1200R	1200	2007->	2		0.7	DCPR8EKC	
1200	R1200R	1200	2010->	2		0.8	MAR8B-JDS	
1200	R1200RT	1200	2006->2008	2		0.7	DCPR8EKC	
1200	R1200RT	1200	2009->2010	2		0.7	DCPR8EKC	
1200	R1200RT	1200	2011->	2		0.8	MAR8B-JDS	
1200	R1200RT,ST	1200	2006->	2		0.7	DCPR8EKC	
1200	R1200S	1200	2006->	2		0.7	DCPR8EKC	
1200	R1200ST	1200	2006->	2		0.7	DCPR8EKC	
1300	K1300GT	1300	2009->	4		0.8	KR9CI	
1300	K1300R	1300	2009->	4		0.8	KR9CI	
1300	K1300S	1300	2009->	4		0.8	KR9CI	
1600	K1600 GT	1600	2011->	6		0.8	LMAR8AI-8	
1600	K1600GTL	1600	2011->	6		0.8	LMAR8AI-8	



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BUELL								**BUELL**
1000	FIREBOLT XB9R 1000	1000	2002->2007	2		0.8	DCPR8E	
1000	XB9S 1000	1000	2003->2007	2		0.8	DCPR9E	
1000	XB9SX 1000	1000	2006->2007	2		0.8	DCPR9E	
1125	1125 CR	1125	2009->2010	2		0.8	CR9EK	
1125	1125 R	1125	2008->	2		0.8	CR9EK	
1200	LIGHTNING X1 1200	1200	1999->2005	2		0.8	DCPR8E	
1200	M2 CYCLONE 1200	1200	1997->1998	2		0.8	DCPR8E	
1200	S1 LIGHTNING B,H1 1200	1200	1996->1997	2		0.8	DCPR8E	
1200	S1 WHITE LIGHTNING 1200	1200	1998->	2		0.7	DCPR7E	
1200	S3T BOLT,BOLT TOUR 1200	1200	1997->	2		0.8	DCPR8E	
1200	XB12R 1200	1200	2007->	2		0.8	DCPR9E	
1200	XB12S TT 1200	1200	2004->2007	2		0.8	DCPR9E	
1200	XB12S TT 1200	1200	2007->	2		0.8	DCPR9E	
1200	XB12SS,X 1200	1200	2006->2007	2		0.8	DCPR9E	
1200	XB12XT 1200	1200	2008->	2		0.8	DCPR9E	
CAGIVA								**CAGIVA**
125	125R,D	125	1999->	1		0.8	BR9EG	BR9ES
125	MITO SP525	125	2008->	1		0.8	BR9EG	BR9ES
125	MITO, E.V 125	125	2001->2003	1		0.8	BR9EG	BR9ES
125	PLANET 125	125	1999->2003	1		0.8	BR9EG	BR9ES
125	SUPERCITY 125	125	1999->	1		0.8	BR9EG	BR9ES
125	SUPERCITY 125R,D	125	1999->	1		0.8	BR9EG	BR9ES
900	CANYON 900	900	1999->	2		0.9	DPR8EA-9	
1000	NAVIGATOR 1000	1000	1999->	2		0.8	CR8EK	
1000	RAPTOR 1000	1000	1999->	2		0.8	CR8EK	
1000	V-RAPTOR 1000	1000	2000->	2		0.8	CR8EK	
1000	X-TRA RAPTOR 1000	1000	2003->	2		0.8	CR8EK	
1000	X-TRA RAPTOR 1000	1000	2004->	2		0.8	CR8EK	
CAN-AM								**CAN-AM**
1000	SPYDER ROADSTER 1000	1000	2008->	2		0.8	DCPR9E	
DERBI								**DERBI**
125	TERRA 125	125	2008->	1		0.8	CR8E	
DUCATI								**DUCATI**
500	500GTL, SPORT DESMO	500	1974->1979	2		0.7	B7HS	BR7HS
500	500SL PANTAH	500	1980->1984	2		0.7	BP7HS	
600	600M,MS,MD	600	1994->2001	2		0.8	DCPR8EIX	
600	600SL PANTAH	600	81->	2		0.7	BP7HS	
600	600SS,MONSTER	600	1994->1997	2		0.9	DPR9EA-9	
620	MULTISTRADA 620	620	2005->	2		0.8	DCPR8E	
696	MONSTER 700	700	2007->	2		0.8	DCPR8E	
750	F1 750	750	1985->	2		0.7	D8EA	DR8EA
750	PASO 750	750	1986->	2		0.7	D8EA	DR8EA
750	748 BIPOSTO	750	1995->2004	2		0.9	DCPR9EIX	DCPR9E
750	GT,S,SPORT 750	750	1974->1990	2		1	BPR7HS-10	
750	SPECIAL SS 750	750	1972->1974	2		1	BPR7HS-10	
750	SS 750	750	1991->	2		0.8	DCPR8EIX	
750	SUPERBIKE 749,S, DARK 750	750	2005->2006	2		0.8	CR9EIX	
800	800 HYPERMOTARD	800	2013->	2		0.8	MAR9A-J	
803	MONSTER 796	803	2010->	2		0.8	DCPR8E	
803	MONSTER S2R	803	2006->	2		0.8	DCPR8E	
848	SP 850	850	2007->	2		0.8	MAR10A-J	
860	GT,GTS,S 860	860	1975->	2		0.5	B5HS	BR5HS
899	899 PANIGALE	899	2013->	2		0.8	MAR9A-J	
900	SS,SD,S2 900	900	1980->1987	2		0.7	B7HS	BR7HS
916	ST4 916	916	1998->2003	2		0.7	DCPR9EIX	DCPR9E
944	ST2 944	944	1997->2003	2		0.9	DCPR9EIX	DCPR9E
989	DESMOSEDICI RR 989	989	2007->	2		0.8	MAR10A-J	
990	DESMO 16 RR 990	990	2007->	4		0.8	MAR10A-J	
996	BIP,SPS,SPSF 996	996	1998->	2		0.7	DCPR9EIX	DCPR9E
998	SP 998	998	2006->	2		0.8	MAR10A-J	
999	RS 999	999	2003->	2		0.8	CR9EB	
999	RS 999	999	2005->	2		0.7	DCPR9EIX	DCPR9E
1000	CLASSIC SPORT 1000	1000	2006->	2		0.8	DCPR8E	



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DUCATI								**DUCATI**
1000	MULTISTRADA S DS 1000	1000	2005->	2		0.9	DPR8EA-9	
1000	M,H MILLE 1000	1000	1981->1985	2		0.7	B7HS	BR7HS
1000	S2R MONSTER 1000	1000	2006->	2		0.8	DCPR8E	
1000	ST3 1000	1000	2004->2008	2		0.8	CR9EVX	CR9E
1078	HYPERMOTARD 1078	1078	2007->	2		0.8	DCPR8E	
1098	S 1099	1099	2007->	2		0.8	MAR10A-J	
1100	HYPERMOTARD 1100	1100	2010->	2		0.8	DCPR8E	
1100	MONSTER 1100	1100	2009->	2		0.8	DCPR8E	
1100	MULTISTRADA 1100	1100	2007->	2		0.8	DCPR8E	
1100	STREETFIGHTER /S 1100	1100	2009->	2		0.8	MAR10A-J	
1198	MULTISTRADA 1198	1198	2010->	2		0.8	MAR9A-J	
1198	R,S 1198	1198	2008->	2		0.8	MAR10A-J	
1199	1199 PANIGALE	1198	2013->	2		0.8	MAR9A-J	
1200	1200 MULTISTRADA	1200	2013->	2		0.8	MAR10A-J	
1200	BRUTALE 1098 R	1200	2008->	2		0.8	CR9EB	
1200	F4 1098 RR	1200	2008->	2		0.8	CR9EB	
GAS GAS								**GAS GAS**
125	ENDURO 125	125	2002->	1		0.8	BR8EIX	BR8ES
250	EC 250 ENDURO CROSS	250	2002->	1		0.8	BR8EIX	BR8ES
GENERAL								**GENERAL**
150	COUGAR 150	150	1980->1982	1		0.7	C7HSA	CR7HSA
250	COUGAR 250	250	1980->1982	1		0.7	C7HSA	CR7HSA
GOMOTO								**GOMOTO**
70	CRF 70	70	2011->	1		0.8	C7HSA	CR7HSA
100	TRANSPORTER 100	100	2011->	1		0.8	C7HSA	CR7HSA
125	CRF 125 BIG WHEEL	125	2011->	1		0.8	C7HSA	CR7HSA
125	CRF 125 SMALL WHEEL	125	2011->	1		0.8	C7HSA	CR7HSA
125	FREEDOM 125	125	2011->	1		0.8	C7HSA	CR7HSA
125	XPLORE 125	125	2011->	1		0.8	C7HSA	CR7HSA
125	ZR-125	125	2011->	1		0.8	C7HSA	CR7HSA
150	FREEDOM 150	150	2011->	1		0.8	C7HSA	CR7HSA
150	XPLORE 150	150	2011->	1		0.8	C7HSA	CR7HSA
200	X-ACT 200	200	2011->	1		0.8	D8EA	DR8EA
200	ZR-200	200	2011->	1		0.8	D8EA	DR8EA
230	LYNX 230	230	2011->	1		0.8	D8EA	DR8EA
250	INTRUDER 250	250	2011->	1		0.8	D8EA	DR8EA
HARLEY DAVIDSON								**HARLEY DAVIDSON**
883	883 IRON	880	2008->	2		0.9	DCPR7EA-9	
1130	VRSC-V-ROD 1130	1130	2002->	2		0.8	DCPR8E	
1200	DUO GLIDE, ELECTRA GLIDE, FL 1200	1200	2010->	2		0.6	BP5S	
1200	EVOLUTION XL V-2 1200	1200	1986->2005	2		0.7	DCPR7E	
1200	FLH, FX, FXE 1200	1200	1974->	2		0.6	BP5S	
1200	FLH, FX, FXE 1200	1200	1975->1980	2		1.1	BP5ES-11	BPR5ES-11
1200	SPORSTER EVOLUTION XL1200R	1200	2004->	2		0.7	DCPR7E	
1200	SPORTSTER NIGHTSTER 1200	1200	2008->	2		0.8	DCPR8E	
1200	SPORTSTER XR 1200	1200	2008->	2		0.8	DCPR8E	
1200	XL1200R SPORTSTER	1200	2004->	2		0.7	DCPR7E	
1200	XR 1200 X	1200	2010->	2		0.8	DCPR8EIX	
1250	V ROD VRSCAW 1250	1250	2008->	2		0.8	DCPR8E	
1340	SHOVEL HEAD: ALL MODELS 1340	1340	1978->1981	2		1.1	BP5ES-11	BPR5ES-11
1340	SHOVEL HEAD: FLT, FLHT 1340	1340	1984->	2		1.1	BP5ES-11	BPR5ES-11
1340	SHOVEL HEAD: FLT, FX, FXB 1340	1340	1982->1983	2		1	ZGR5A	
1340	SHOVEL HEAD: FL, FLH, FLHS 1340	1340	1982->1983	2		1	ZGR5A	
1340	SHOVEL HEAD: FX5B 1340	1340	1983->1984	2		1	ZGR5A	
1340	SHOVEL HEAD: FXE 1340	1340	1982->1984	2		1	ZGR5A	
1340	SHOVEL HEAD: FXEF, FXRS 1340	1340	1982->1983	2		1	ZGR5A	
1340	SHOVEL HEAD: FXRS, FXRT, FXST 1340	1340	1984->	2		1.1	BP5ES-11	BPR5ES-11
1340	SHOVEL HEAD: FXR, FXS 1340	1340	1982->1983	2		1	ZGR5A	
1340	SHOVEL HEAD: FXWG 1340	1340	1984->	2		1	ZGR5A	
1340	V2 EVOLUTION: FLT, FLHT, FXRD 1340	1340	1985->	2		1.1	BP5ES-11	BPR5ES-11
1340	V2 EVOLUTION: FXRS, FXRT, FXSB 1340	1340	1985->	2		1.1	BP5ES-11	BPR5ES-11
1340	V2 EVOLUTION: FXST, FXWG, GXE 1340	1340	1985->	2		1.1	BP5ES-11	BPR5ES-11
1450	DYNA SUPER GLIDE 1450	1450	2005->	2		0.7	DCPR7E	



Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval
HARLEY DAVIDSON								**HARLEY DAVIDSON**
1450	FL TC88 1450	1450	1998->2005	2		0.7	DCPR7E	
1584	DYNA FAT BOB 1584	1584	2008->	2		0.8	DCPR8E	
1584	FLSTSB CROSSBONES 1584	1584	2008->	2		0.8	DCPR8E	
1584	FX TC 96/B 1584	1584	2007->	2		0.8	DCPR8E	
1585	SOFT TAIL ROCKER 1585	1585	2008->	2		0.8	DCPR8E	
HONDA								**HONDA**
50	BF50	50	1972->1978	1		0.8	BPR5ES	BP5ES
50	CD50	50	1973->1983	1		0.7	C6HSA	CR6HSA
50	CRF50F	50	2007->	1		0.7	CR6HSA	
50	MB50	50	1982->	1		0.8	B8HS	BR8HS
50	MBX50SD	50	1992->1995	1		0.5	B6ES	BR6ES
50	MBX50,FWDF	50	1989->1997	1		0.8	B9ES	BR9ES
50	MT50	50	1974->1975	1		0.8	B8HS	BR8HS
50	MT50FL	50	1980->1993	1		0.8	B8ES	BR8ES
50	MTX50R,RFF	50	1995->1998	1		0.8	B8ES	BR8ES
50	NC50	50	1982->1983	1		0.7	BP4HS	BPR4HS
50	NH50,MDD	50	1993->	1		0.6	BP6HS	BPR6HS
50	NS50	50	1981->1985	1		0.7	BP5HS	
50	NS50D	50	1990->	1		0.7	BP4HS	BPR4HS
50	NS50FL	50	1990->1990	1		0.8	B8ES	BR8ES
50	PZ-50	50	1969->1970	1		0.6	BP6HS	BPR6HS
50	QR50R,M,N	50	1970->1975	1		0.7	BP4HS	BPR4HS
50	QR50V	50	1975->1977	1		0.7	BP5HS	
50	SB-50 (IDK)	50	1988->	1		0.7	BP4HS	BPR4HS
50	SE50	50	1987->1990	1		0.6	BP6HS	BPR6HS
50	SK-50	50	1973->	1		0.7	D8EA	DR8EA
50	VISION 50	50	2004->	1		0.8	BP8HS	BPR8HS
50	Z50	50	1979->1981	1		0.7	C6HSA	CR6HSA
50	Z50J,RM,RN	50	1986->	1		0.7	C6HSA	CR6HSA
60	CR60R	60	1983->	1		0.8	B9ES	BR9ES
70	ATC70,K	70	1968->1970	1		0.7	C7HSA	CR7HSA
70	C70	70	1982->1983	1		0.7	C7HSA	CR7HSA
70	CT70,H	70	1970->1971	1		0.7	C7HSA	CR7HSA
70	R,D 70	70	1997->	1		0.7	CR6HSA	
80	CR80R	80	1984->	1		0.8	B9ES	BR9ES
80	CR80R	80	1986->	1		0.6	B10ES	
80	CR80R,R II	80	1985->	1		0.8	B9ES	BR9ES
80	MB80,S	80	1983->1986	1		0.8	B8HS	BR8HS
80	MT80	80	1983->1986	1		0.8	B9HS	BR9HS
80	NH80 (LEAD/AERO)	80	1982->1986	1		0.6	BP6HS	BPR6HS
80	XR80RS,T	80	1985->2003	1		0.8	CR7HSA	
85	CR85R	85	2003->2006	1		0.8	BR10EG	
85	CR85R	85	2007->	1		0.8	B10EG	BR10EG
85	CR85R2	85	2007->	1		0.8	BR10EG	
90	C90	90	1979->1983	1		0.6	D6HS	DR6HS
90	CT90,K	90	1966->1979	1		0.7	D8HS	
100	CB100	100	1970->1972	1		0.7	D8EA	DR8EA
100	CD100	100	1997->2001	1		0.7	C7HSA	CR7HSA
100	CRF100F	100	2007->	1		0.8	CR7HSA	
100	H100	100	1985->1989	1		0.7	B7HS	BR7HS
100	H100S	100	1980->1992	1		0.8	B8HS	BR8HS
100	JET 100	100	1981->1982	1		0.8	BR6HS	
100	MB100	100	1989->1990	1		0.7	B7HS	BR7HS
100	NH100	100	1990->	1		0.8	BR7HS	
100	XL100R	100	1979->1985	1		0.7	C7HSA	CR7HSA
100	XR100RT	100	1981->	1		0.8	CR7HSA	
110	CRF 110	110	2013->	1		0.9	CPR6EA-9S	
110	CT110	110	1985->	1		0.7	D8EA	DR8EA
110	CT110P	110	1985->	1		0.7	D8HS	
125	A125	125	1982->1985	1		0.7	C7HSA	CR7HSA
125	ANF125	125	2007->	1		0.9	CPR6EA-9S	
125	ATC125M	125	1987->1989	1		0.7	D8EA	DR8EA
125	CA125	125	1995->	1		0.7	CR6HSA	
125	CBF125	125	2009->	1		0.9	CPR8EA-9	
125	CBR 125R	125	2004->2006	1		0.8	CR9E	
125	CBR 125R	125	2007->2010	1		0.8	CR8E	
125	CG125F3	125	1998->	1		0.7	D8EA	DR8EA
125	CG125P	125	1976->1996	1		0.9	DP8EA-9	DPR8EA-9
125	CG125,S5,SP	125	1976->1996	1		0.7	D8EA	DR8EA



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HONDA								**HONDA**
125	CH125	125	1984->	1		0.9	DP7EA-9	DPR7EA-9
125	CR125M	125	1974->1981	1		0.8	B9ES	BR9ES
125	CR125R	125	2007->	1		0.8	B9ES	BR9ES
125	CR125R	125	2007->	1		0.8	CR8E	
125	LS125	125	1997->	1		0.8	B8ES	BR8ES
125	NES125,Y,ES	125	2000->	1		0.9	CR8EH-9	
125	NH125 (LEAD,AERO)	125	1984->	1		0.6	BP6HS	BPR6HS
125	NSR125	125	1990->2003	1		0.7	BR9ECS	
125	NX125	125	1988->1990	1		0.7	DR8EA	
125	SH125	125	2001->	1		0.9	CR8EH-9	
125	TL125,K,S	125	1973->1976	1		0.7	D8EA	DR8EA
125	VARADERO 125	125	2008->	1		0.9	CR8EH-9	
125	VARADERO 125	125	2008->	1		0.9	CR8EH-9	
125	VT125	125	2000->	1		0.9	CR8EH-9	
125	XL125	125	1975->1987	1		0.7	D8EA	DR8EA
125	XL125S,SD,DUTY	125	1974->1978	1		0.7	D8EA	DR8EA
125	XL125V	125	2007->	1		0.9	CR8EH-9	
125	XL125VF	125	2001->	1		0.9	CR8EH-9	
125	XLR125	125	1997->1999	1		0.9	DPR8EA-9	
125	XR125L	125	2003->	1		0.9	DPR9EA-9	
135	HX135	135	1989->1995	1		0.7	D8EA	DR8EA
150	CRF150F	150	2003->2006	1		0.9	CPR8EA-9	
150	CRF150RB	150	2008->	1		0.8	R0409B-8	
150	NSR150R	150	1995->2002	1		0.8	B8ES	BR8ES
150	NSR150SP	150	1995->2002	1		0.7	BR9ECS	
150	XR 150	150	2014->	1		0.9	CPR8EA-9	
175	CB175,K	175	1969->1973	1		0.7	D8HS	
175	CL175,K	175	1968->1973	1		0.7	D8HS	
175	XL175	175	1973->1978	1		0.8	BR8ES	
185	ATC185,A,S	185	1982->1983	1		0.7	D8EA	DR8EA
185	XL185S,SD	185	1979->	1		0.7	D8EA	DR8EA
200	CB200,B,T	200	1974->1976	1		0.7	D8EA	DR8EA
200	CB250,NIGHTHAWK	200	1991->2007	1		0.7	CR6HSA	
200	CD200T	200	1985->	1		0.7	C7HSA	CR7HSA
200	CD200T ROAD MASTER	200	1980->1985	1		0.7	C7HSA	CR7HSA
200	CL200	200	1974->	1		0.7	D8EA	DR8EA
200	CT200	200	1980->1981	1		0.7	DR8ESL	;
200	CT200K	200	1992->1994	1		0.7	D8EA	DR8EA
200	TLM200R	200	1983->1985	1		0.8	B8ES	BR8ES
200	XL200 SUPER	200	1983->1984	1		0.7	D8EA	DR8EA
200	XL200R	200	1984->1985	1		0.7	D8EA	DR8EA
200	XLR 200	200	1986->1987	1		0.9	DPR8EA-9	
200	XR200R	200	1986->2002	1		0.9	DP8EA-9	DPR8EA-9
200	XR200RM/RP	200	1981->1983	1		0.7	D8EA	DR8EA
200	XR200/R	200	1983->	1		0.7	D8EA	DR8EA
230	CRF230F	230	2003->2006	1		0.9	DPR7EA-9	
230	SL 230	230	1998->	1		0.9	DPR8EA-9	
250	CB250 NIGHTHAWK	250	1991->2006	1		0.7	CR6HSA	
250	CB250RS	250	1980->	1		0.7	D8EA	DR8EA
250	CB250,G	250	1996->	1		0.8	B8ES	BR8ES
250	CBF250	250	2005->	1		0.9	CR8EH-9	
250	CBF250	250	2006->	1		0.9	CR8EH-9	
250	CBR250 R	250	2010->	1		0.9	SIMR8A-9	
250	CMX250C,REBEL	250	1996->2006	1		0.7	CR6HSA	
250	CR250	250	1978->1981	1		0.8	B9ES	BR9ES
250	CR250M	250	1973->1976	1		0.8	B9ES	BR9ES
250	CR250R	250	2003->	1		0.8	BR8ES	
250	CR250R	250	2005->	1		0.8	BR9EG	BR9ES
250	CR250R	250	2005->2006	1		0.9	BR9EG	BR9ES
250	CRF250	250	2005->	1		0.9	CR8EH-9	
250	CRF250	250	2009->	1		0.8	R0451B-8	
250	CRF250 L	250	2013->	2		0.9	SIMR8A-9	
250	CRF250F	250	2009->	1		0.8	R0451B-8	
250	CRF250R	250	2004->2004	1		0.9	IMR9C-9H	
250	CRF250R	250	2005->	1		0.8	R0409B-8	
250	CRF250R	250	2005->2006	1		0.8	R0409B-8	
250	CRF250X	250	2004->2004	1		0.9	IMR8C-9H	
250	CRF250X	250	2007->	1		0.8	R0409B-8	
250	MR250	250	1976->	1		0.8	B8ES	BR8ES
250	NSR-250 RG	250	1993->1996	2		0.7	BR9ECS	
250	PS250 BIG RUCKUS	250	2005->2006	1		0.9	DPR7EA-9	



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HONDA								**HONDA**
250	SL250S	250	1987->1989	1		0.7	D8EA	DR8EA
250	TL250	250	1975->1976	1		0.7	D7EA	DR7EA
250	TLR250R	250	1986->1989	1		0.7	D8EA	DR8EA
250	TRX250	250	1987->1989	1		0.7	D8EA	DR8EA
250	XL250	250	->1983	1		0.7	D8EA	DR8EA
250	XL250R	250	1984->	1		0.7	D8EA	DR8EA
250	XR250 L	250	2002->2008	1		0.9	CR8EH-9	
250	XR250 TORNADO	250	2009->	1		0.9	CR8EH-9	
250	XR250R	250	1983->	1		0.7	D8EA	DR8EA
260	TLM260R	260	1983->1989	1		0.5	B6ES	BR6ES
280	SH280	280	2007->	1		0.9	LMAR8AI-8	
350	CB350F	350	1972->1974	4		0.7	D8EA	DR8EA
350	CB350,G	350	1971->1972	2		0.8	BR8ES	
350	NX350	350	1991->	2		0.9	DP8EA-9	DPR8EA-9
350	SL350,K	350	1969->1973	2		0.8	BR8ES	
350	XL350,K	350	1985->1987	1		0.7	D8EA	DR8EA
350	XLX350	350	1991->	1		0.9	DP8EA-9	DPR8EA-9
350	XR350,R	350	1983->1985	1		0.9	DP8EA-9	DPR8EA-9
350	YRX350FM	350	2000->2006	1		0.9	DPR7EA-9	
360	CB360,G,T	360	1974->	2		0.8	BR8ES	
400	CB400 SUPER 4	400	1989->1990	4		0.9	CR8EH-9	
400	CB400A,F	400	1979->	4		0.7	D8EA	DR8EA
400	CB400N	400	1978->1984	4		0.7	D8EA	DR8EA
400	CB400SS	400	1979->1981	4		0.9	DPR8EA-9	
400	CB400T	400	1980->1981	4		0.7	D8EA	DR8EA
400	CBR 400RR	400	1989->2002	4		0.9	CR8EH-9	
400	CBR400RR	400	2003->	4		0.9	CR8EH-9	
400	CM400A/E	400	1979->1981	2		0.7	D8EA	DR8EA
400	CM400T	400	1980->1981	2		0.7	D8EA	DR8EA
400	CX400,C	400	1979->1981	2		0.7	D8EA	DR8EA
400	NS400,R	400	1985->	3		0.8	B9ES	BR9ES
400	VF400F	400	1985->	4		0.9	DP8EA-9	DPR8EA-9
400	VFR400R	400	1991->	4		0.7	ER9EH	
400	XR400R	400	1996->2004	1		0.8	DPR8Z	
450	CB-450 TR-DX	450	1981->1982	2		0.9	DP8EA-9	DPR8EA-9
450	CB450T HAWK	450	1982->	2		0.7	D8EA	DR8EA
450	CR450	450	2002->	1		1.1	BCPR8EVX-11	BCPR8ES
450	CRF450R	450	2002->	1		1.1	IFR8H-11	
450	CRF450R	450	2003->	1		1.1	IFR9H-11	
450	CRF450R	450	2007->2008	1		1.1	IFR8H-11	
450	CRF450R	450	2009->	1		0.9	SILMAR9A9S	
450	CRF450X	450	2005->2006	1		1.1	IFR8H-11	
450	CRF450X	450	2007->	1		1.1	IFR8H-11	
480	CR480R	480	1982->1983	1		0.8	B8ES	BR8ES
500	CB 500 F	500	2013->	2		0.9	CPR8EA-9	
500	CB 500 X	500	2013->	2		0.9	CPR8EA-9	
500	CB500	500	->1975	4		0.7	D7EA	DR7EA
500	CB500T	500	1975->1976	4		0.8	B8ES	BR8ES
500	CB500V	500	1971->1973	4		0.9	CR8EH-9	
500	CBF 500	500	2004->	2		0.9	CR8EH-9	
500	CBR 500R	500	2013->	2		0.9	CPR8EA-9	
500	CR500	500	1993->	1		0.8	B8ES	BR8ES
500	CR500R	500	1984->2001	4		0.8	B8ES	BR8ES
500	CX500T	500	1982->	2		0.9	DP8EA-9	DPR8EA-9
500	CX500,C,D,SPORT	500	1978->1979	2		0.7	D8EA	DR8EA
500	FT500,ASCOT	500	1982->1983	1		0.7	D8EA	DR8EA
500	GL500	500	1981->	2		0.7	D8EA	DR8EA
500	VF500C,F,FII	500	1984->1985	4		0.9	DP8EA-9	DPR8EA-9
500	VT500C,E,FT	500	1983->1988	1		0.9	DP8EA-9	DPR8EA-9
500	XL500R,S	500	1979->1982	1		0.7	D8EA	DR8EA
500	XR500	500	1979->1980	1		0.7	D8EA	DR8EA
500	XR500R	500	1981->	1		0.9	DP8EA-9	DPR8EA-9
550	CB 550 K	550	1977->1978	4		0.8	DR7ES	
550	CBX550F,FII,T	550	1974->1978	4		0.7	D8EA	DR8EA
600	CB600 HORNET	600	2009->	4		0.9	CR9EH-9	
600	CB600F HORNET	600	2001->	4		0.9	CR9EH-9	
600	CB600F/FA HORNET	600	2007->	4		0.9	CR9EH-9	
600	CBF 600 S	600	2008->	4		0.9	CR8EH-9	
600	CBF600S	600	2008->	4		0.9	CR8EH-9	
600	CBR600	600	1987->1990	4		0.9	C9EH-9	CR9EH-9
600	CBR600 FK,FL,FN	600	1987->1988	4		0.9	DPR9EA-9	



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HONDA								**HONDA**
600	CBR600F4I	600	2002->2006	4		0.9	IMR9C-9H	
600	CBR600FX	600	1999->2001	4		0.9	CR8EH-9	
600	CBR600F,FS	600	2001->	4		0.9	CR9EHIX-9	
600	CBR600RR	600	2003->2004	4		0.9	IMR9C-9H	
600	CBR600RR	600	2007->	4		0.9	IMR9C-9H	
600	CBR600RR	600	2008->	4		0.9	IMR9C-9H	
600	CBR600RR	600	2009->	4		0.9	IMR9C-9H	
600	CBR600RR HANNSPREE	600	2008->	4		0.9	IMR9C-9H	
600	FES600 SILVER WING	600	2001->	4		0.9	CR8EH-9	
600	VT600	600	1988->1993	2		0.9	DPR8EA-9	
600	VT600CD SHADOW VLX	600	1999->2007	4		0.9	DPR8EA-9	
600	VT600CV	600	1988->1993	2		0.9	DPR8EA-9	
600	XL600L	600	1983->1987	1		0.9	DP8EA-9	DPR8EA-9
600	XL600R	600	1983->1987	1		0.9	DP8EA-9	DPR8EA-9
600	XL600VT	600	1989->1990	1		0.9	DPR8EA-9	
600	XR600R,RM,RP	600	1987->	1		0.9	DP9EA-9	DPR9EA-9
650	CB650C	650	1980->1981	4		0.9	DP8EA-9	DPR8EA-9
650	CB650S,SC,SCF	650	1983->1985	4		0.9	DP8EA-9	DPR8EA-9
650	CX650 C,E,CUSTOM	650	1983->	1		0.9	DP8EA-9	DPR8EA-9
650	FMX650	650	2005->	1		0.9	DPR8EA-9	
650	TRANSALP 650V	650	2004->	1		0.9	DPR8EA-9	
650	XL650RY	650	2000->	2		1.1	BKR8E-11	
650	XR650L	650	1993->2006	1		0.9	DPR8EA-9	
650	XR650R	650	2000->2007	1		0.8	BCPR7E	
650	XRV650	650	1988->	1		0.9	DPR8EA-9	
650	XRV650S	650	1989->1990	1		0.9	DPR9EA-9	
680	TRANSALP680 VT	680	2008->	1		0.9	CPR8EA-9	
700	NC 700 S , X	700	2012->	2		1.1	IFR6G-11K	
700	TRANSALP700	700	2008->	1		0.9	CPR8EA-9	
700	XL700V	700	2008->	1		0.9	CPR8EA-9	
750	SHADOW 750	750	2008->	2		0.9	DPR7EA-9	
750	750RS SHADOW	750	2010->	2		0.9	DPR7EA-9	
750	BLACK SPIRIT 750	750	2010->	2		0.9	DPR7EA-9	
750	CB750C,F,F2,K	750	1980->	4		0.7	D8EA	DR8EA
750	CB750,A,FZ,KZ	750	1980->	4		0.7	D8EA	DR8EA
750	CBX750F,2	750	1984->1986	4		0.9	DP8EA-9	DPR8EA-9
750	NC 750	750	2012->	2		1.1	IFR6G-11K	
750	RVF 750 R,R45	750	1994->1997	4		0.9	CR9EHIX-9	
750	SHADOW 750	750	2004->	2		0.9	DPR8EA-9	
750	VF750,C,F,S	750	1997->2000	4		0.9	DPR9EA-9	
750	VFR-750 RJ	750	1990->1994	4		0.9	C9EH-9	CR9EH-9
750	VFR750,FN	750	1988->	4		0.9	DP9EA-9	DPR9EA-9
750	VT750C SHADOW AERO	750	2004->2006	2		0.9	DPR7EA-9	
750	VT750C2 SHADOW	750	2000->	4		0.9	DPR8EA-9	
750	VT750DC BLACK WIDOW	750	2001->	4		0.9	DPR8EA-9	
750	VT750DC SHADOW SPIRIT	750	2006->	2		0.9	DPR7EA-9	
750	XRV750	750	1993->	2		0.9	DPR8EA-9	
750	XRV750ED	750	1993->	2		0.9	DPR8EA-9	
800	VFR 800 VTEC	800	2013->	4		0.9	IMR9B-9H	
800	VFR800	800	1998->	4		0.8	CR8EIX	CR8E
800	VFR800	800	1998->	4		0.9	CR9EH-9	
800	VFR800F1 02	800	2002->	4		0.9	IMR9C-9H	
800	VFR800,A INTERCEPTOR	800	2002->2005	4		0.9	IMR9C-9H	
900	CB900F,F2	900	1979->	4		0.7	D9EA	DR9EA
900	CBR900	900	2003->	4		0.9	IMR9C-9H	
900	CBR900RR	900	1996->	4		0.9	CR9EH-9	
900	CBR900RR FIREBLADE	900	2002->	4		0.9	CR9EHIX-9	
900	CBR900RRY	900	2000->	4		0.9	CR9EHIX-9	
900	HORNET 900	900	2002->	4		0.9	CR8EH-9	
929	CBR929RR	929	2000->2001	4		0.9	CR9EH-9	
950	CBR954RR	954	2002->2003	4		0.9	IMR9C-9H	
1000	CB1000R	1000	2008->	4		0.9	IMR9C-9H	
1000	CB1000R	1000	2008->	4		0.9	IMR9E-9HES	
1000	CB1000SF	1000	1994->1995	4		0.9	DPR8EA-9	
1000	CBF 1000	1000	2006->	4		0.9	CR8EH-9	
1000	CBF1000	1000	2009->	4		0.9	CR8EH-9	
1000	CBR 1000 RR FIREBLADE	1000	2008->	4		0.9	IMR9E-9HES	
1000	CBR1000	1000	1995->2000	4		0.9	DP9EA-9	DPR9EA-9
1000	CBR1000 FIRE BLADE	1000	2007->	4		0.9	IMR9C-9H	
1000	CBR1000FK,FL	1000	1987->1988	4		0.9	DPR9EA-9	
1000	CBR1000RR	1000	2005->2007	4		0.9	IMR9C-9H	

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HONDA								**HONDA**
1000	CBR1000RR	1000	2010->	4		0.9	IMR9E-9HES	
1000	CBR1000RR FIREBLADE	1000	2009->	4		0.9	IMR9E-9HES	
1000	CBR1000RR FIREBLADE	1000	2009->2010	4		0.9	IMR9E-9HES	
1000	CBR1000RR FIREBLADE	1000	2010->	4		0.9	IMR9E-9HES	
1000	CBX1000	1000	1978->1982	6		0.7	D8EA	DR8EA
1000	GL1000,LTD	1000	1976->	4		0.7	D8EA	DR8EA
1000	SP2 1000	1000	2003->	4		1.1	IFR9H-11	
1000	VARADERO 1000	1000	2006->	2		0.9	IJR8B-9	
1000	VARADERO 1000	1000	2008->	2		0.9	IJR8B-9	
1000	VARADERO 1000	1000	2008->	2		0.9	IJR8B-9	
1000	VARADERO 1000	1000	2008->	2		0.9	IJR8B-9	
1000	VF1000F	1000	1986->	4		0.9	DP9EA-9	DPR9EA-9
1000	VF1000F	1000	1987->	4		0.9	DP8EA-9	DPR8EA-9
1000	VTR1000 SP1,SP2	1000	2003->	2		1.1	FR9BI-11	
1000	VTR1000 SP2	1000	2002->	2		1.1	IFR8H-11	
1000	VTR1000F FIRESTORM	1000	1997->	2		0.9	DPCPR9EIX	DPR9EA-9
1000	VTR1000SP1	1000	2000->	2		1.1	FR9BI-11	
1000	XL1000	1000	1982->1985	2		0.9	DP8EA-9	DPR8EA-9
1000	XL1000 VARADERO	1000	2003->	2		0.9	IJR8B-9	
1000	XL1000V VARADERO	1000	1999->2001	2		0.9	DPR8EA-9	
1000	XLV1000 VARADERO	1000	1999->	2		0.9	DP8EA-9	DPR8EA-9
1100	CB 1100	1100	2013->	4		0.8	LMAR8A-9S	
1100	CB1100F,R	1100	1983->	4		0.7	D8EA	DR8EA
1100	CB1100SF X-11	1100	1999->	4		0.9	CR8EH-9	
1100	CBR1100 XX	1100	2006->2009	4		0.9	CR9EHIX-9	
1100	CBR1100XV	1100	1995->1996	4		0.9	CR9EHIX-9	
1100	CBR1100XX BLACKBIRD	1100	1997->	4		0.9	CR9EHIX-9	
1100	CBR1100XX SUPER BLACKBIRD	1100	2001->	4		0.9	CR9EHIX-9	
1100	GL1100 ASPENCADE,GOLD WING	1100	1982->1983	4		0.9	DP8EA-9	DPR8EA-9
1100	GL1100 INTERSTATE	1100	1982->1983	4		0.9	DP8EA-9	DPR8EA-9
1100	GL1100,DX	1100	1981->	4		0.7	D8EA	DR8EA
1100	GL1100,DX	1100	1982->	4		0.9	DP8EA-9	DPR8EA-9
1100	ST1100M	1100	1992->2002	4		0.9	CR8EH-9	
1100	VT1100CV	1100	1987->2007	2		0.9	DPR7EA-9	
1100	VT1100C,C2	1100	1987->2007	2		0.9	DPR7EA-9	
1200	GL1200 ASPENCADE,GOLD WING	1200	1984->1987	4		0.9	DP8EA-9	DPR8EA-9
1200	GL1200 INTERSTATE,LIMITED EDITION	1200	1984->1987	4		0.9	DP8EA-9	DPR8EA-9
1200	VFR1200 F	1200	2010->	4		0.9	IMR9C-9H	
1300	CB1300SF	1300	1987->1991	4		0.9	DPR8EA-9	
1300	ST1300	1300	2003->2009	4		0.9	CR8EH-9	
1300	VT1300 CX	1300	2010->	2		0.8	DCPR6E	
1300	VTX1300 C	1300	2004->2009	4		0.8	DCPR6E	
1300	VTX1300 CX	1300	2010->	4		0.8	DCPR6E	
1300	VTX1300 R	1300	2005->2009	4		0.8	DCPR6E	
1300	VTX1300 S	1300	2003->2007	4		0.8	DCPR6E	
1300	VTX1300 T	1300	2008->2009	4		0.8	DCPR6E	
1400	1400 GTR	1400	2011->	4		0.9	CR9EIA-9	
1500	GL1500CV	1500	1997->	6		0.9	DPR7EA-9	
1500	GL1500L	1500	1991->1996	6		0.9	DPR7EA-9	
1800	VTX 1800	1800	2001->	6		1.1	IFR6J-11	BKR6E-11
1800	VTX1800	1800	2001->	6		1.1	IFR6J-11	BKR6E-11
1800	VTX1800	1800	2003->	6		1.1	BKR6E-11	
1880	GL1880	1880	2001->	6		0.8	BKR6E	
HUSQVARNA								**HUSQVARNA**
50	CR 50	50	2010->	1		0.8	BR9ES	
50	HUSKY BOY BASIC 50	50	2001->	1		0.8	B8HS	BR8HS
50	HUSKY BOY JNR 50	50	2001->	1		0.6	B6HS	BR6HS
50	HUSKY BOY SNR 50	50	2001->	1		0.6	B6HS	BR6HS
50	WRS 50	50	1999->	1		0.8	B9ES	BR9ES
65	CR 65	65	2011->	1		0.6	BR8ECM	
125	CR 125	125	1990->1997	1		0.8	BR9EG	BR9ES
125	CR 125	125	2013->	1		0.8	BR9EG	BR9ES
125	MOTOCROSS CR125	125	1990->1997	1		0.8	B9ES	BR9ES
125	SM 125 S	125	1998->2003	1		0.8	BR9EG	BR9ES
125	TE 125	125	2011->	1		0.8	CR8E	
125	WMX 125	125	1990->1992	1		0.8	B9ES	BR9ES
125	WR 125	125	1998->2012	1		0.8	BR9EG	BR9ES
125	WR 125	125	2013->	1		0.8	BR9EG	BR9ES
125	WR 125	125	1998->2004	1		0.8	BR9EG	BR9ES



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HUSQVARNA								**HUSQVARNA**
125	WRE 125	125	1998->2001	1		0.8	B9EG	BR9EG
250	WR 250	250	2013->	1		0.6	BR8EG	
250	MOTOCROSS RT,CR250	250	2002->2004	1		0.8	B8ES	BR8ES
250	SPORTSMAN ENDURO 250	250	->1971	1		0.8	B9ES	BR9ES
250	TC 250	250	2002->2005	1		0.8	CR8E	
250	TC 250	250	2010->	1		0.8	CR9EB	
250	TC 250 R	250	2010->	1		0.8	CR9EB	
250	TE 250	250	2002->2005	1		0.8	CR8E	
250	TE 250 R	250	2010->	1		0.8	CR9EB	
250	WR 250	250	2002->2005	1		0.8	BR8EG	BR8ES
300	WR 300	300	2009->	1		0.8	BR8EG	BR8ES
310	TE 310	310	2009->	1		0.8	CR8E	
360	MOTOCROSS RT360	360	1992->1993	1		0.8	B8ES	BR8ES
360	SPORTSMAN ENDURO 360	360	->1971	1		0.8	B8ES	BR8ES
400	MOTOCROSS 400	400	->1971	1		0.8	B8ES	BR8ES
400	TE400	400	2001->	1		0.7	C7E	CR7E
450	TC 450	449	2011->	1		0.8	CR9EK	
450	TE 450	449	2011->	1		0.8	CR9EK	
450	MOTOCROSS 450	450	2001->2002	1		0.8	B8ES	BR8ES
450	SM 450R	450	2003->	1		0.8	CR8E	
450	SMR 450	450	2004->	1		0.8	CR8E	
450	TC 450	450	2002->2005	1		0.8	CR8E	
450	TE 450	450	2002->2005	1		0.8	CR8E	
460	CR 460	460	1987->	1		0.8	B8ES	BR8ES
500	TC 500	500	1986->	1		0.7	D8EA	DR8EA
510	CROSS COUNTRY 510	510	1990->	1		0.7	C7E	CR7E
510	MOTOCROSS 510	510	1990->	1		0.7	C7E	CR7E
510	TC 510	510	2004->2005	1		0.8	CR8E	
510	TE 510	510	1987->1990	1		0.7	D8EA	DR8EA
510	TE 510	510	2004->2005	1		0.8	CR8E	
511	SMR 511	511	2011->	1		0.8	CR9EK	
511	TE 511	511	2011->	1		0.8	CR9EK	
570	NOX570	570	2001->	1		0.7	C7E	CR7E
570	SM570R	570	2004->	1		0.8	C8E	CR8E
570	TC,TE570	570	2001->	1		0.7	C7E	CR7E
610	SM610	610	2003->	1		0.7	C7E	CR7E
610	SM610	610	2006->	1		0.8	CPR8EA-9	
610	SM610S	610	2003->	1		0.8	C8E	CR8E
630	SMR 630	630	2004->	1		0.8	R0045J-10	
630	TE 630	630	2010->	1		0.8	CR8E	
HYOSUNG								**HYOSUNG**
125	GA 125	125	2000->	1		0.9	CR8EH-9	
125	GPS 125	125	2001->	1		0.7	DR8EA	
125	GT125	125	2006->	1		0.9	CR8EH-9	
125	GT125R TTC	125	2007->	1		0.8	CR8E	
125	GV125 M CRUISER	125	2007->	1		0.8	CR8E	
125	RX125	125	2000->	1		0.9	CR8EH-9	
250	GT250	250	2005->	1		0.8	CR8E	
650	GT650I R	650	2007->	2		0.8	CR8E	
650	GT650R	650	2006->	2		0.8	CR8E	
650	GT650S	650	2006->	2		0.8	CR8E	
650	GV650	650	2006->	2		0.8	CR8E	
650	GV650I SPORT CRUISER	650	2007->	2		0.8	CR8E	
ITAL JET								**ITAL JET**
50	MINI BAMBINO JUNIOR CROSS 50	50	1982->1984	1		0.6	B6HS	BR6HS
50	SCIMITAR KIT KAT 50	50	->1982	1		0.6	B6HS	BR6HS
50	TEENAGER JUNIOR CROSS 4M 50	50	->1982	1		0.6	B6HS	BR6HS
125	BUCCANEER 125	125	->1983	1		0.7	B7HS	BR7HS
125	KANGAROO COYOTE 125	125	1981->1982	1		0.8	B8HS	BR8HS
180	DRAGSTER 180	180	2000->	1		0.8	BR9ES	
250	MILLENIUM 250	250	2000->	1		0.7	DR8EA	
JAWA								**JAWA**
50	STAR 50S,C	50	1986->1987	1		0.6	B6HS	BR6HS
125	BETKA 125	125	2006->	1		0.7	C7HSA	CR7HSA
125	DANDY 125	125	2000->	1		0.7	DR8EA	



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JAWA								**JAWA**
350	CHOPPER 350C,H	350	1987->	2		0.7	B7HS	BR7HS
350	DELIVERY 350C,M	350	1979->1981	2		0.7	B7HS	BR7HS
350	ECONOMY 1 350R,D	350	1982->1984	2		0.8	B8HS	BR8HS
350	SPORT 350R,D	350	->1984	2		0.7	B7HS	BR7HS
350	STYLE 350R,D	350	1987->	2		0.8	B8HS	BR8HS
350	TRAMP 350O,F	350	->1981	2		0.7	B7HS	BR7HS
350	TRICYCLE 350 3,W	350	1993->	2		0.7	B7HS	BR7HS
500	500R	500	1986->1990	2		0.8	D8EVX	D8EA
500	SPECIAL 500	500	1990->1993	2		0.8	D8EVX	D8EA
500	SPEEDWAY 500DT	500	1985->1986	2		0.8	B9EG	BR9EG
650	DAKAR 650	650	2006->	2		0.7	DR8EA	
JIALING								**JIALING**
50	CJ 50F, K	50	1990->1992	1		0.7	BPR6HS	
50	LX 50	50	1987->1990	1		0.7	BPR6HS	
50	QM 50	50	->1987	1		0.7	BPR4HS	
50	TA 50	50	1987->1990	1		0.7	BPR6HS	
90	K 90	90	->1984	1		0.7	BP7HS	
100	K 100	100	1984->1986	1		0.7	BP7HS	
100	QM 100	100	1986->1987	1		0.7	BP7HS	
125	SANYANG DUKE 125	125	1989->1999	1		0.9	DPR7EA-9	
125	SANYANG WOLF 125	125	1986->1989	1		0.7	DR8ESL	;
KAWASAKI								**KAWASAKI**
50	AE50	50	1983->1997	1		0.8	B8ES	BR8ES
50	AR50	50	1982->1982	1		0.8	B8ES	BR8ES
50	STAR 50	50	1969->1970	1		0.7	B6HS	BR6HS
60	KX60	60	->1992	1		0.8	B9ES	BR9ES
65	KX65	65	2000->	1		0.8	BR10EG	
65	KX65 ACF	65	2011->	1		0.8	BR10EG	
65	KX65 AEF	65	2014->	1		0.8	BR10EG	
80	AR80	80	1981->1982	1		0.8	BPR7ES	
80	KDX80	80	1989->1992	1		0.8	B8ES	BR8ES
80	KX80	80	1981->1982	1		0.8	B9EG	BR9EG
85	KX85	85	2001->	1		0.8	6.25E-102	
85	KX85 CEF	85	2014->	1		0.8	R6252K-105	
90	KH90	90	1971->	1		0.8	B8ES	BR8ES
90	STAR 90	90	1969->1970	1		0.7	BR6HS	
100	KC 100	100	1979->1986	1		0.8	B8ES	BR8ES
100	KE 100	100	1977->1999	1		0.8	B8ES	BR8ES
100	KH100	100	1977->1981	1		0.8	B8ES	BR8ES
100	KV 100	100	1982->	1		0.8	B8ES	BR8ES
100	KV 100	100	1981->	1		0.7	B7HS	BR7HS
100	KX 100	100	1992->	1		0.8	B9ES	BR9ES
100	KX100DCF	100	2001->2009	1		0.8	R6252K-105	
110	KH110	110	1983->1995	1		0.8	B8ES	BR8ES
110	KLT110	110	1979->1983	1		0.7	C6HSA	CR6HSA
110	KLX110	110	2002->2010	1		0.7	CR6HSA	
125	AR125	125	2001->	1		0.8	BR8ES	
125	KE125	125	1976->1979	1		0.8	B9ES	BR9ES
125	KH125	125	1993->	1		0.8	B8ES	BR8ES
125	KMX125	125	1986->2000	1		0.8	B8ES	BR8ES
125	KX125	125	2003->	1		0.8	B9EG	BR9EG
125	KX125	125	2003->	1		0.8	BR9ES	
125	KX125	125	2006->	1		0.8	BR9ECMIX	
150	KRR ZX 150	150	2006->	1		0.8	B9ES	BR9ES
175	KE175	175	1979->	1		0.8	B7ES	BR7ES
175	KV175	175	1976->1978	1		0.8	B7ES	BR7ES
200	KDX200 (EI)	200	1995->1996	1		0.8	B9ES	BR9ES
200	KMX200	200	1990->1992	1		0.8	B8ES	BR8ES
200	Z200	200	1978->	1		0.8	B7ES	BR7ES
250	ESTRELLA	250	2014->	1		0.8	D9EVX	D9EA
250	EX250JCF	250	2011->	1		0.8	CR8E	
250	KDX250	250	1980->1983	1		0.8	B9ES	BR9ES
250	KH250,B	250	1976->	1		0.8	B9HS	BR9HS
250	KL250	250	1978->1982	1		0.8	B8ES	BR8ES
250	KLR250	250	1979->1980	1		0.8	B9ES	BR9ES
250	KLX250	250	1979->1980	1		0.8	B7ES	BR7ES
250	KLX250	250	2011->	1		0.8	CR8E	



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KAWASAKI								**KAWASAKI**
250	KR250	250	1975->1978	1		0.8	B9ES	BR9ES
250	KV250	250	1985->1987	1		0.8	B8ES	BR8ES
250	KX 250	250	1978->1981	1		0.8	B9ES	BR9ES
250	KX 250	250	2005->	1		0.8	BR8ECMIX	
250	KX250 ZEF	250	2014->	1		0.8	CPR8EB-9	
250	KX250F	250	2004->	1		0.8	CR8E	
250	KX250F	250	2004->	1		0.8	CR8E	
250	KX250R	250	2005->	1		0.8	BR8ECM	
250	KX250R	250	2007->	1		0.8	BR8ECMIX	
250	KX250YCF	250	2011->	1		0.9	CPR9EA-9	
250	KXT250	250	1990->1991	1		0.8	B8ES	BR8ES
250	KZ250C	250	1983->	1		0.8	B8ES	BR8ES
250	NINJA 250 R	250	2011->	1		0.8	CR8E	
250	Z250	250	1971->1972	1		0.8	B8ES	BR8ES
250	Z250	250	1998->	1		0.8	BR7ES	
300	EX300 AEF	300	2014->	1		0.8	CR8E	
300	KAF300 MULE 550,520	300	2000->	1		0.8	BPR5ES	BP5ES
300	KEF300A	300	2000->	1		0.7	DR8EA	
300	KLF300	300	1988->2006	1		0.8	B8ES	BR8ES
300	KVF300	300	1998->2001	1		0.7	DR8EA	
300	NINJA 300 EX	300	2013->	2		0.8	CR8E	
305	EX305	305	1983->1984	1		0.9	DP9EA-9	DPR9EA-9
400	GPZ400	400	1985->	2		0.9	DP9EA-9	DPR9EA-9
400	KH400/A	400	1985->1991	3		0.8	B8HS	BR8HS
400	KVF400 4X4	400	2000->	1		0.9	DPR8EA-9	
400	KX400,A	400	1975->1976	1		0.8	B9ES	BR9ES
400	KXF400A	400	2003->	4		0.8	CR8E	
400	KZ400,B,C,D,G,H	400	1975->1976	4		0.8	B7ES	BR7ES
400	KZ400,E,J,K	400	1982->	2		0.7	D8EA	DR8EA
400	KZ400,E,J,K	400	1983->	2		0.7	D7EA	DR7EA
400	Z400F-II	400	1984->	4		0.9	DP9EA-9	DPR9EA-9
400	Z400F	400	1983->	4		0.7	D9EA	DR9EA
400	Z400F	400	1984->	4		0.9	DP9EA-9	DPR9EA-9
400	Z400GP	400	1982->1983	2		0.7	D7EA	DR7EA
400	Z400R	400	1975->1980	2		0.8	B7ES	BR7ES
400	ZX400	400	1993->	4		0.7	D9EA	DR9EA
400	ZX400C	400	1993->	4		0.7	D9EVX	D9EA
400	ZXR400L	400	1998->	4		0.8	CR9EK	
400	ZZR400	400	2002->	4		0.8	CR9EK	
420	DX420	420	1981->	1		0.8	B8ES	BR8ES
420	KX420A	420	1980->1981	1		0.8	B9ES	BR9ES
440	Z440LTD	440	1980->1985	2		0.8	B7ES	BR7ES
450	DX450	450	1979->1982	1		0.8	B8ES	BR8ES
450	KLX 450R	450	2008->	1		0.9	CPR8EB-9	
450	KLX450R	450	2008->	1		0.9	CPR8EB-9	
450	KLX450R	450	2010->	1		0.9	CPR8EB-9	
450	KSF450BCS	450	2011->	1		0.9	CPR8EB-9	
450	KX450	450	1974->	1		0.8	B9ES	BR9ES
450	KX450 FEF	450	2014->	1		0.8	CPR8EB-9	
450	KX450F	450	2006->	1		0.9	CPR8EB-9	
450	KX450F	450	2006->	1		0.9	CPR8EB-9	
450	KX450FCF	450	2011->	1		0.9	CPR8EB-9	
450	LTD450 LIQUID COOLED	450	1982->1989	4		0.7	D8EA	DR8EA
500	EN500	500	1990->	2		0.7	D9EVX	D9EA
500	EX500	500	1990->	2		0.7	D9EA	DR9EA
500	EX500D NINJA	500	1997->2006	2		0.7	D9EVX	D9EA
500	GPZ500R	500	1994->2000	4		0.7	D8EA	DR8EA
500	KDX-500	500	1991->1992	1		0.8	B9ES	BR9ES
500	KH500	500	1976->	3		1	B9HS-10	BR9HS-10
500	KLE500	500	1990->2005	2		0.7	D9EVX	D9EA
500	KLE500	500	2003->2004	2		0.7	DR8EA	
500	KX500	500	1993->	1		0.8	B8ES	BR8ES
500	Z500F	500	1982->1985	1		0.7	D8EA	DR8EA
550	GPZ550	550	1982->	4		0.9	DP9EA-9	DPR9EA-9
550	GT550	550	1983->2001	4		0.7	DR8EA	
550	KZ550	550	1980->1983	4		0.7	D8EA	DR8EA
550	Z550F	550	1982->1985	4		0.7	D8EA	DR8EA
550	Z550GT	550	1983->2001	4		0.7	D8EA	DR8EA
550	Z550LTD	550	1981->1983	4		0.7	D8EA	DR8EA
550	ZR550C	550	1990->1991	4		0.7	D9EVX	D9EA
600	600R NINJA	600	1992->2000	4		0.7	D9EA	DR9EA



Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval
KAWASAKI								**KAWASAKI**
600	GPZ600R	600	1992->1998	4		0.7	D9EA	DR9EA
600	KLR600	600	->1984	2		0.7	D8EA	DR8EA
600	KLR600B	600	1985->	2		0.9	DP8EA-9	DPR8EA-9
600	ZX-6R NINJA 600	600	2000->	4		0.8	CR9E	
600	ZX600 REF	600	2014->	4		0.8	CR9E	
600	ZX600RCF	600	2011->	4		0.8	CR9E	
600	ZX600RR NINJA	600	2003->2006	4		0.8	CR9E	
600	ZX6R NINJA 600	600	2003->	4		0.8	CR9E	
600	ZX6RR 600	600	2004->	4		0.8	CR9E	
600	ZZR600	600	2001->	4		0.8	CR9E	
600	ZZR600 NINJA	600	2002->2006	4		0.8	CR9E	
636	ZX636 EEF	636	2014->	4		0.8	CR9E	
650	ER-6F,N 650	650	2006->2008	2		0.9	CR9EIA-9	
650	ER-6N	650	2011->	2		0.9	CR9EIA-9	
650	ER650ECF	650	2011->	2		0.9	CR9EIA-9	
650	ER6F 650	650	2006->	2		0.9	CR9EIA-9	
650	ER6N 650	650	2006->	2		0.9	CR9EIA-9	
650	EX650-A NINJA	650	2006->	1		0.9	DPR8EA-9	
650	KL650ECF	650	2011->	1		0.9	DPR8EA-9	
650	KLE650DCF	650	2011->	1		0.9	CR9EIA-9	
650	KLR650	650	1995->	1		0.9	DPR8EA-9	
650	KLR650-A	650	1997->2006	1		0.9	DPR8EA-9	
650	KLR650 EEF	650	2014->	1		0.9	DPR8EA-9	
650	KVF650 V TWIN	650	2001->	2		0.8	CR7E	
650	VERSYS 650	650	2006->	2		0.9	CR9EIA-9	
650	VERSYS 650	650	2010->	2		0.9	CR9EIA-9	
650	Z650	650	1977->1979	4		0.8	B7ES	BR7ES
650	Z650	650	1985->1986	4		0.8	BR7ES	
650	Z650	650	1986->1992	4		0.8	BR7ES	
650	Z650 F-B	650	1982->1984	4		0.8	B8ES	BR8ES
750	750 TURBO	750	1982->	4		0.8	B9ES	BR9ES
750	750R NINJA	750	1987->1990	4		0.7	D8EA	DR8EA
750	GPX750R	750	1987->	4		0.7	D9EA	DR9EA
750	GPZ750	750	1982->	4		0.8	B9ES	BR9ES
750	GPZ750R	750	1982->1983	4		0.7	D8EA	DR8EA
750	GT750	750	1982->1987	4		0.8	B8ES	BR8ES
750	KZ750 TWIN	750	1976->1979	2		0.5	B6ES	BR6ES
750	KZX750	750	1985->1989	4		0.8	B9ES	BR9ES
750	LTD750	750	1985->	4		0.8	B8ES	BR8ES
750	Z750	750	2004->	4		0.8	CR9EK	
750	Z750LTD	750	1980->1985	4		0.8	B8ES	BR8ES
750	Z750LTD TWIN	750	1982->1983	2		0.5	B6ES	BR6ES
750	ZEPHYR ZR750	750	1991->2000	4		0.7	DR8EA	
750	ZR-7S 750	750	2001->	4		0.7	D9EVX	D9EA
750	ZR750H	750	2001->2005	4		0.7	D9EVX	D9EA
750	ZR750MCF	750	2011->	4		0.8	CR9EK	
750	ZR750R	750	2005->	4		0.8	CR9EK	
750	ZR750S	750	2005->	4		0.8	CR9EK	
750	ZX750F	750	1987->1990	4		0.8	B9ES	BR9ES
800	VN800A,CLASSIC	800	2001->	2		0.8	CR7E	
900	900 NINJA	900	1990->	4		0.7	D8EA	DR8EA
900	GPZ900R	900	1991->1993	4		0.7	D9EA	DR9EA
900	VN900	900	2009->	4		0.9	CPR8EA-9	
900	VN900 CLASSIC	900	2006->	4		0.9	CPR8EA-9	
900	ZX-9R NINJA 900	900	1994->	4		0.8	CR9EK	
1000	1000R NINJA	1000	1991->1997	4		0.7	D8EA	DR8EA
1000	GPZ1000	1000	1982->	4		0.7	D8EA	DR8EA
1000	GPZ1000R	1000	1985->1989	4		0.7	D8EA	DR8EA
1000	GPZ1000RX	1000	1982->1985	4		0.7	D8EA	DR8EA
1000	H2	1000	2015->	4		0.9	SILMAR9B-9	
1000	KLV1000	1000	2004->	4		0.8	CR8EK	
1000	KLZ1000 AEF	1000	2014->	4		0.8	CR9EIA-9	
1000	KZ1000J	1000	1993->	4		0.8	B8ES	BR8ES
1000	Z1 1000	1000	1985->1989	4		0.8	B8ES	BR8ES
1000	Z1000	1000	2003->2006	4		0.8	CR9EK	
1000	Z1000	1000	2010->	4		0.9	CR9EIA-9	
1000	Z1000GTR	1000	1986->1994	4		0.7	D8EA	DR8EA
1000	Z1000LTD	1000	1981->1984	4		0.7	D8EA	DR8EA
1000	Z1000RX	1000	1981->1984	4		0.7	D8EA	DR8EA
1000	ZG1000	1000	1986->	4		0.7	D9EA	DR9EA
1000	ZR1000ECF	1000	2011->	4		0.9	CR9EIA-9	



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KAWASAKI								**KAWASAKI**
1000	ZX-10	1000	1999->2001	4		0.8	C9E	CR9E
1000	ZX-10R	1000	2004->2007	4		0.9	CR9EIA-9	
1000	ZX-10R NINJA	1000	2006->	4		0.9	CR9EIA-9	
1000	ZX1000JCF	1000	2011->	4		0.9	CR9EIA-9	
1000	ZX10R	1000	2010->	4		0.9	CR9EIA-9	
1000	ZX10R NINJA	1000	2004->	4		0.9	CR9EIA-9	
1100	GPZ1100	1100	1995->	4		0.8	B8ES	BR8ES
1100	GPZ1100,ABS	1100	1997->	4		0.8	CR9EK	
1100	LTD 1100	1100	1985->1987	4		0.8	B8ES	BR8ES
1100	Z1100JR	1100	1981->1983	4		0.6	B10ES	
1100	ZEPHYR ZR1100A	1100	1996->1997	4		0.8	CR9E	
1100	ZRX1100	1100	1997->2000	4		0.8	CR9EK	
1100	ZX1100 EDDIE LAWSON	1100	1983->1988	4		0.8	B8ES	BR8ES
1100	ZZR1100	1100	1997->	4		0.8	CR9E	
1200	VOYAGER-XII 1200	1200	1993->	4		0.9	DP8EA-9	DPR8EA-9
1200	ZRX1200R,S	1200	2001->	4		0.8	CR9EK	
1200	ZX-12R NINJA	1200	2001->	4		0.7	CR9EKPA	CR9E
1200	ZZR1200	1200	2002->	4		0.8	CR9E	
1300	KZ1300A	1300	1979->1982	6		0.8	B8ES	BR8ES
1300	VOYAGER 1300	1300	1983->1988	6		0.8	BPR6ES	BP6ES
1300	Z1300	1300	1978->1979	6		0.8	BPR6ES	BP6ES
1400	1400 GTR	1400	2011->	4		0.9	CR9EIA-9	
1400	GTR 1400	1400	2007->	4		0.9	CR9EIA-9	
1400	ZG1400 CEF	1400	2014->	4		0.9	CR9EIA-9	
1400	ZG1400CCF	1400	2011->	4		0.9	CR9EIA-9	
1400	ZX14	1400	2006->	4		0.9	CR9EIA-9	
1400	ZZR1400	1400	2006->	4		0.9	CR9EIA-9	
1500	VN1500 DRIFTER	1500	1999->	2		0.9	DPR5EA-9	
1500	VN1500	1500	1999->	2		0.9	DPR7EA-9	
1500	VNF1500F CLASSIC	1500	1998->	2		0.9	DPR5EA-9	
1600	VN1600	1600	2005->	2		0.9	DR7EA	
2000	VN2000	2053	2004->	2		1.1	IZFR6F-11	ZFR6F-11
50	MEERKAT 50	50	2011->	1		0.8	C7HSA	CR7HSA
50	WOMBAT 50	50	2011->	1		0.8	C7HSA	CR7HSA
90	MEERKAT 90	90	2011->	1		0.8	C7HSA	CR7HSA
110	BABY FALCON 110	110	2011->	1		0.8	C7HSA	CR7HSA
110	COYOTE 110	110	2011->	1		0.8	C7HSA	CR7HSA
110	FALCON 110 MKI	110	2011->	1		0.8	C7HSA	CR7HSA
110	FALCON MKII 110	110	2011->	1		0.8	C7HSA	CR7HSA
110	VIPER 110	110	2011->	1		0.8	C7HSA	CR7HSA
125	CHEETAH 125	125	2011->	1		0.8	C7HSA	CR7HSA
125	EAGLE 125	125	2011->	1		0.8	C7HSA	CR7HSA
125	SPRINGBOK 125	125	2011->	1		0.8	C7HSA	CR7HSA
150	COYOTE 150	150	2011->	1		0.8	C7HSA	CR7HSA
150	DINGO 150	150	2011->	1		0.8	D8EA	DR8EA
150	FALCON 150	150	2011->	1		0.8	C7HSA	CR7HSA
150	JAGUAR 150	150	2011->	1		0.8	C7HSA	CR7HSA
150	SPRINGBOK 150	150	2011->	1		0.8	C7HSA	CR7HSA
200	CHEETAH 200	200	2011->	1		0.8	D8EA	DR8EA
250	ADULT FALCON 250	250	2011->	1		0.8	D8EA	DR8EA
250	COUGAR 250	250	2011->	1		0.8	D8EA	DR8EA
250	DINGO 250	250	2011->	1		0.8	D8EA	DR8EA
250	FALCON 250	250	2011->	1		0.8	D8EA	DR8EA
500	JAGUAR 500 DELUXE	500	2011->	2		0.8	BKR6E	
500	JAGUAR 500 REGULAR	500	2011->	2		0.8	BKR6E	
800	MAMMOTH 800	800	2011->	4		0.8	BP4HS	BPR4HS
KTM								**KTM**
50	SX 50	50	2008->	1		0.8	CR8HIX	CR8HSA
50	SX 50	50	2008->	1		0.8	LR8A	
50	SX 50	50	2010->	1		0.8	LR8B	
50	SX PRO JNR 50	50	1999->1999	1		0.8	B8HS	BR8HS
50	SX PRO JNR 50	50	2000->2002	1		0.8	BR8HS	
50	SX PRO JNR 50	50	2003->2005	1		0.8	BR8ECM	
50	SX PRO SENIOR 50	50	2002->	1		0.8	BR10EG	
65	SX 65	65	2003->2009	1		0.8	BR8ECM	
65	SX 65	65	2008->	1		0.8	LR8B	
65	SX 65	65	2009->	1		0.8	LR8B	
80	CHOPPER 80	80	1986->	1		0.8	B9HS	BR9HS
85	SX 85	85	2006->2007	1		0.8	BR10ECMIX	



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KTM								**KTM**
85	SX17/14, 19/16	85	2010->	1		0.8	BR9ECMIX	
100	GS,MC 100	100	1981->1982	1		0.8	B9HS	BR9HS
125	COMT GP RS 125	125	1977->	1		0.8	B8HS	BR8HS
125	EXC 125	125	2000->	1		0.8	BR9EG	BR9ES
125	EXC SIX DAYS 125	125	2010->	1		0.8	BR9ECMIX	
125	GS125 12.7MM REACH	125	1985->	1		0.8	B8HS	BR8HS
125	GS127 19.0MM REACH	125	1979->	1		0.8	B9ES	BR9ES
125	LC 125	125	2000->	1		0.8	B9ES	BR9ES
125	MC125 12.7MM REACH	125	1979->	1		0.8	B8HS	BR8HS
125	MC125 19.0MM REACH	125	1982->1984	1		0.8	B9ES	BR9ES
125	MX,ENDURO 125	125	1984->1986	1		0.6	B10ES	
125	SUPERMOTO 125	125	2001->	1		0.8	BR8HS	
125	SX 125	125	2001->	1		0.8	BR9EG	BR9ES
150	SX,XC 150	150	2010->	1		0.8	BR9ECMIX	
175	GS,MC 175	175	1985->	1		0.8	B8HS	BR8HS
200	EXC 200	200	1998->	1		0.8	BR8EG	
200	EXC,XC-W 200	200	2010->	1		0.8	BR8EG	
200	SX 200	200	2003->	1		0.8	BR9EIX	
200	XC 200	200	2007->2009	1		0.8	BR8EIX	BR8ES
250	250 SX	250	2010->	1		0.8	BR8ECM	
250	EXC-F 250	250	2007->	1		0.8	CR9EK	
250	EXC ENDURO 250	250	2003->	1		0.8	BR7ES	
250	EXC GS 250	250	2003->	1		0.8	DCPR8E	
250	EXC,EXC SIX DAYS 250	250	2010->	1		0.8	BR7ES	
250	GS250 12.7MM REACH	250	1985->	1		0.8	B9HS	BR9HS
250	GS250 19.0MM REACH	250	1985->	1		0.8	B9ES	BR9ES
250	MC 250 12.7MM REACH	250	->1985	1		0.8	B9HS	BR9HS
250	MC250 19.0MM REACH	250	1985->1989	1		0.8	B9ES	BR9ES
250	SX-F 250	250	2003->2005	1		0.8	CR9EK	
250	SX 250 4 TAKT	250	2005->2009	1		0.8	CR9EK	
250	XCF-W 250	250	2010->	1		0.8	CR9EK	
250	XC,XC-W 250	250	2010->	1		0.8	BR7ES	
300	EXC,EXC SIX DAYS 300	300	2011->	1		0.8	BR7ES	
300	XC,XC-W 300	300	2011->	1		0.8	BR7ES	
350	EXC-F 350	350	2011->	1		0.8	LMAR9AI-8	
350	FREERIDE SX	350	2011->	1		0.8	LMAR9AI-8	
375	EXC RACING 375	375	2009->	1		0.9	LKAR8A-9	
390	FE 390	390	2010->	1		0.9	LKAR8AI-9	
400	EXC 400	400	2003->	1		0.8	DCPR8E	
400	EXC 400	400	2010->	1		0.9	LKAR8AI-9	
400	GS,MC,400	400	1987->1990	1		0.8	B9HS	BR9HS
400	SX LC4 400	400	2000->	1		0.8	CR8EK	
400	XC-W 400	400	2010->	1		0.9	LKAR8AI-9	
450	EXC 450	450	2003->	1		0.8	DCPR8E	
450	EXC 450	450	2008->	1		0.8	LKAR8A-9	
450	EXC 450	450	2008->	1		0.9	LKAR8A-9	
450	EXC,EXC SIX DAYS 450	450	2010->	1		0.9	LKAR8AI-9	
450	FE,FX 450	450	2010->	1		0.9	LKAR8AI-9	
450	MXC,GS 450	450	2003->	1		0.8	DCPR8E	
450	SMR 450	450	2005->	1		0.8	DCPR8E	
450	SX-F 450	450	2007->	1		0.8	CR9EK	
450	SX-F 450	450	2007->	1		0.8	CR9EK	
450	SX 450	450	2003->	1		0.8	DCPR8E	
450	SX,SX-F 450	450	2010->	1		0.8	CR9EK	
450	XC-W,XC-W SIX DAYS 450	450	2010->	1		0.9	LKAR8AI-9	
500	DXC,EXC 500	500	1989->1992	1		0.8	B9ES	BR9ES
500	GS 500	500	1983->1990	1		0.8	B10EG	BR10EG
500	GS 500	500	1988->1989	1		0.7	D8EA	DR8EA
500	MC 500	500	1983->1990	1		0.6	B10ES	
500	MX 500	500	1984->1987	1		0.8	B9EG	BR9EG
500	SX 500	500	1993->	1		0.6	B10ES	
505	SX 505	505	2010->	1		0.8	CR9EK	
510	EXC RACING 510	510	2008->	1		0.9	LKAR8A-9	
510	XC DESERT RACING 510	510	2007->	1		0.8	DCPR8E	
520	EXC 520	520	1999->2002	1		0.8	CR8EK	
520	EXC 520	520	2002->	1		0.8	DCPR8E	
520	EXC LC4 520	520	2000->	1		0.8	CR8EK	
520	SX 520	520	1999->2002	1		0.8	CR8EK	
520	SX 520	520	2002->	1		0.8	DCPR8E	
525	EXC,MXC,SMR 525	525	2003->2005	1		0.8	DCPR8E	
530	EXC 530	530	2008->2009	1		0.9	LKAR8A-9	



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KTM								**KTM**
530	EXC,SIX DAYS,XC-W,XC-W SIX DAYS 530	530	2010->	1		0.9	LKAR8AI-9	
570	FE,FS 570	570	2010->	1		0.9	LKAR8AI-9	
600	4TMX 600	600	1992->	1		0.9	DP9EA-9	DPR9EA-9
600	ENDURA 600	600	1990->1992	1		0.7	D8EA	DR8EA
600	MX 600	600	1986->1990	1		0.7	D8EA	DR8EA
640	ADVENTURE 625	625	2000->	1		0.9	DPR8EA-9	
640	DUKE 625	625	1998->2001	1		0.7	DR8EA	
640	DUKE2 LC4 625	625	2000->	1		0.9	DPR8EA-9	
640	E SUPERMOTO LC4 625	625	2000->	1		0.9	DPR8EA-9	
640	LC4 RALLY ADV 625	625	1999->2002	1		0.7	DR8EA	
640	SUPERMOTO LC4 625	625	2001->	1		0.7	DR8EA	
650	ENDURA LC4 650	650	2008->	1		0.9	LKAR8A-9	
660	LC4 650	650	2003->	1		0.7	D9EVX	D9EA
654	PRESTIGE 654	654	2007->	1		0.9	LKAR8AI-9	
690	DUKE BLACK,ORANGE, WHITE 690	690	2010->2011	1		0.9	LKAR8AI-9	
690	ENDURO,ENDURO R 690	690	2010->	1		0.9	LKAR8AI-9	
690	SMC 690	690	2011->	1		0.9	LKAR8AI-9	
690	SUPERMOTO 690	690	2007->	1		0.9	LKAR8AI-9	
700	DUKE 3 LC4 700	700	2008->	1		0.9	LKAR8A-9	
780	SX 780	780	2006->	1		0.9	LKAR8A-9	
950	ADV 950	950	2003->2005	2		0.8	CR8EIX	CR8E
950	ADVENTURE 950	950	2003->	2		0.8	CR8EK	
950	LC8 950	950	2003->	2		0.8	CR8EK	
950	LC8 950	950	2006->	2		0.8	KR8DI	
950	LC8 ADV 950	950	2003->2004	2		0.8	CR8EK	
950	LC8 EFI 950	950	2009->	2		0.8	KR8DI	
950	SUPER ENDURO 950	950	2006->	2		0.8	CR8EK	
950	SUPERMOTO 950	950	2005->	2		0.8	CR8EK	
990	990 SMT	990	2009->	2		0.8	KR8DI	
990	990 SMT	990	2009->	2		0.8	KR8DI	
990	ADVENTURE/R 990	990	2010->	2		0.9	LKAR8BI-9	
990	SUPER DUKE OLIVE, ORANGE 990	990	2010->	2		0.8	KR8DI	
990	SUPER DUKE R 990	990	2010->	2		0.9	LKAR8AI-9	
990	SUPERMOTO R , T ORANGE, T SILVER 990	990	2010->	2		0.8	KR8DI	
1000	DUKE 1000	1000	2004->	2		0.8	DCPR8E	
1000	SUPERDUKE 1000	1000	2005->	2		0.8	DCPR8E	
1000	990 SUPERMOTO	1000	2009->	2		0.8	KR8DI	
1000	ADVENTURE S 1000	1000	2006->	2		0.8	DCPR8E	
KYMCO								**KYMCO**
50	LIKE 50 2T	50	2009->	1		0.8	BR8HS	
50	LIKE 50 4T	50	2009->	1		0.8	CR7HSA	
50	SENTO 50	50	2009->	1		0.8	CR7HSA	
50	SUPER8 50 2T	50	2009->	1		0.8	BR8HS	
50	TOMOS 50 TX	50	2001->	1		0.6	B6HS	BR6HS
125	HIPSTER 125	125	1998->2000	1		0.8	CR8E	
125	HIPSTER 125	125	2001->	1		0.7	DR8EA	
125	DOWNTOWN 125I	125	2009->	1		0.8	CR7E	
125	LIKE 125	125	2009->	1		0.8	CR7HSA	
125	STRIKER 125	125	2001->2002	1		0.7	DR8EA	
125	STRYKER 2 125	125	2002->	1		0.7	DR8EA	
200	DOWNTOWN 200I	200	2009->	1		0.8	CR7E	
200	LIKE 200I	200	2009->	1		0.8	CR7HSA	
300	EXCITING 300I R	300	2009->	1		0.9	DPR6EA-9	
500	EXCITING 500I R	500	2009->	1		0.8	CR7E	
LAVERDA								**LAVERDA**
125	CUSTOM STRADA 125	125	1986->	1		0.8	B9ES	BR9ES
125	CU,GS 125	125	1986->1986	1		0.8	B8ES	BR8ES
125	LB UNO 125	125	1985->1985	1		0.8	B8ES	BR8ES
350	ALPINO 350	350	1978->1982	2		0.7	D9EA	DR9EA
500	ALPINO 500	500	1977->1978	2		0.7	D9EA	DR9EA
600	OR ATLAS 600	600	1985->1986	2		0.7	D8EA	DR8EA
750	GT GS S SFC SF2 2D 750	750	1970->1972	3		0.8	BPR7ES	
750	GTL 750	750	1973->1975	3		0.8	BPR7ES	
750	SF2 1D, SF3 750	750	1973->1975	3		0.8	B8ES	BR8ES
750	SF, SF COMPETIZIONE 750	750	2000->2003	3		0.6	B10ES	
750	SS, SPORT 750	750	1998->2000	3		0.6	B10ES	



Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval
LAVERDA								**LAVERDA**
1000	JARAMA JOTA EXEC 1000	1000	1976->1982	3		0.8	B8ES	BR8ES
1000	SC, 3C,E, 3CL, SFC 1000	1000	1978->1980	3		0.8	B8ES	BR8ES
1200	JOTA, MIRAGE 1200	1200	1978->1979	4		0.8	B8ES	BR8ES
LEM								**LEM**
50	LX2 50	50	1997->	1		0.7	B7HS	BR7HS
LINHAI								**LINHAI**
260	LH 260	260	2005->	1		0.7	DR8EA	
MAICO								**MAICO**
125	GS,MC 125	125	1978->1979	1		0.8	B9ES	BR9ES
250	GSE 250	250	1992->1993	1		0.8	B9ES	BR9ES
250	GS,MC 250	250	1994->	1		0.8	B9ES	BR9ES
350	RX 350	350	1974->1975	1		0.8	B8HS	BR8HS
350	TAIFUN 350	350	1978->1982	1		0.7	B7HS	BR7HS
360	GS,MC 360	360	1989->1992	1		0.5	B9HS	BR9HS
400	GS,MC 400	400	1974->1983	1		0.8	B9ES	BR9ES
450	MC 450	450	1972->1974	1		0.8	B9ES	BR9ES
490	GS,MC 490	490	->1983	1		0.8	B9ES	BR9ES
500	GS,MC 500	500	1979->1982	1		0.8	B9ES	BR9ES
MONTESA								**MONTESA**
340	COTA 304 + COTA 335	340	1969->1972	1		0.8	BPR5ES	BP5ES
MOTO GUZZI								**MOTO GUZZI**
500	V50, V50II, V50III	500	1981->1987	2		0.8	B7ES	BR7ES
650	SP 650	650	1982->1985	2		0.8	B7ES	BR7ES
650	V65 LARIO	650	->1986	2		0.7	C7HSA	CR7HSA
700	V7 700	700	2008->	2		0.8	B8ES	BR8ES
750	BREVA TOURING 750	750	2006->	2		0.8	BR8ES	
750	NEVADA CLASSIC IE 750	750	2004->	2		0.8	BR8ES	
750	S 750	750	1972->1974	2		0.8	B7ES	BR7ES
750	S 750	750	1974->	2		0.8	B7ES	BR7ES
750	V7 CAFE CLASSIC 750	750	2009->	2		0.8	BR8ES	
750	V7 CLASSIC 750	750	2008->	2		0.8	BR8ES	
850	LE MANS 850	850	1978->1981	2		0.8	BPR6ES	BP6ES
850	850T	850	1992->	2		0.8	B8ES	BR8ES
850	GT, CALIFORNIA,T3 850	850	1975->1981	2		0.8	BPR6ES	BP6ES
850	T5 850	850	1983->1987	2		0.8	BPR6ES	BP6ES
850	V7 SPORT 850	850	1982->1991	2		0.8	B9ES	BR9ES
940	BELLAGIO 940	940	2007->	2		0.8	BPR6ES+PMR8B	
1000	LE MANS 1000	1000	1990->	2		0.8	BPR6ES	BP6ES
1000	V G5 CONVERT,CX,XP 1000	1000	1992->	2		0.8	BPR6ES	BP6ES
1100	V11 LE MANS NERO CORSA	1100	2004->	2		0.8	BPR6ES	BP6ES
1100	V11 SCURA	1100	2003->	2		0.8	BPR6ES	BP6ES
1150	GRISO 8V SPECIAL EDITION	1150	2009->	2		0.8	CR8EK	
1150	NORGE GT 1150	1150	2006->2009	2		0.8	BPR6ES+PMR8B	
1150	STELVIO 1150	1150	2008->	2		0.8	CR8EK	
1150	STELVIO 1150 NTX	1150	2009->	2		0.8	CR8EK	
1200	BREVA 1200	1200	2007->	2		0.8	BPR6ES+PMR8B	
1200	GT 1200	1200	2006->	2		0.8	BPR6ES	BP6ES
1200	GT 1200 TWIN SPARK	1200	2006->	2		0.8	BPR6ES+PMR8B	
1200	NORDE 1200	1200	2006->	2		0.8	BPR6ES	BP6ES
1400	CALIFORNIA	1400	2013->	2		0.9	LMAR8F-9	
MV AGUSTA								**MV AGUSTA**
675	BRUTALE 675, F3	675	2012->	3		0.8	CR9EK	
750	BRUTALE 750	750	2000->	4		0.8	CR9EK	
750	F4 S1 BIPOSTO ORO S 750	750	2000->	4		0.8	CR9EK	
800	BRUTALE 800	800	2012->	3		0.9	CR9EIB-9	
800	RIVALE 800	800	2013->	3		0.9	CR9EIB-9	
989	BRUTALE R 989	989	2008->	4		0.8	CR9EB	
1000	F4 SENNA 1000	1000	2006->	4		1	R0045J-10	
1090	BRUTALE 1090 R	1090	2012->	4		0.8	CR9EB	



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MV AGUSTA								**MV AGUSTA**
1078	BRUTALE 1078RR	1100	2008->	4		0.8	CR9EB	
1078	F4 1078RR	1100	2008->	4		0.8	CR9EB	
NORTON								**NORTON**
600	DOMINATOR 600	600	1949->	2		0.8	B6ES	BR6ES
650	C652 SM	650	1999->	2		0.8	D8EA	DR8EA
650	MANXMAN 650	650	1946-1963->	2		0.8	BP7ES	
750	ATLAS 750	750	1962->1968	2		0.8	BP8ES	BPR8ES
750	COMMANDO FASTBACK 750	750	1967->1973	2		0.8	BP7ES	
750	COMMANDO ROADSTER 750	750	1970->1975	2		0.8	BP7ES	
750	RANGER P11A 750	750	1967->1968	2		0.8	BP8ES	BPR8ES
1000	F1 ROTARY ENGINE	1000	1981->1992	4		0.8	C8E	CR8E
PGO								**PGO**
90	PMX 90	90	1991->1993	1		0.7	BP7HS	
110	PMX SPORT 110	110	1990->1994	1		0.7	BP7HS	
125	G-MAX 125	125	2006->	1		0.7	C7HSA	CR7HSA
125	T-REX 125	125	1999->	1		0.7	C7HSA	CR7HSA
PUZEY					**PUZEY**			
125	125 PIT	125	2011->	1		0.8	C7HSA	CR7HSA
125	GWIZZ 125	125	2011->	1		0.8	C7HSA	CR7HSA
125	MEGELLI 125	125	2011->	1		0.8	D8EA	DR8EA
125	MXR 125	125	2011->	1		0.8	C7HSA	CR7HSA
150	150 PIT	150	2011->	1		0.8	C7HSA	CR7HSA
150	MXR 150	150	2011->	1		0.8	C7HSA	CR7HSA
250	LC2 250	250	2011->	1		0.8	D8EA	DR8EA
250	MEGELLI 250	250	2011->	1		0.8	D8EA	DR8EA
250	XTR 250	250	2011->	1		0.8	D8EA	DR8EA
300	300LC	300	2011->	1		0.8	D8EA	DR8EA
300	XTR4 300	300	2011->	1		0.8	BP5HS	
500	500AC	500	2011->	1		0.9	DPR8EA-9	
500	XTR4 500	500	2011->	1		0.8	BP5HS	
REGAL RAPTOR								**REGAL RAPTOR**
300	SPIDER 300	300	2011->	2		0.8	D8EA	DR8EA
350	CRUISER 350	350	2011->	2		0.8	D8EA	DR8EA
350	DAYTONA 350	350	2011->	2		0.8	D8EA	DR8EA
350	SPIDER 350	350	2011->	2		0.8	D8EA	DR8EA
SUZUKI								**SUZUKI**
50	50DC	50	1976->1977	1		0.7	BP4HS	BPR4HS
50	50N	50	1984->1985	1		0.6	BP6HS	BPR6HS
50	A50K	50	1988->1993	1		0.7	BP7HS	
50	A50,D,E	50	1990->1999	1		0.8	B8HS	BR8HS
50	AD50W,WK,WM,R	50	1971->1974	1		0.6	BP6HS	BPR6HS
50	C1 50F3	50	1989->1990	1		0.6	BP6HS	BPR6HS
50	CP50	50	1985->1992	1		0.6	BP6HS	BPR6HS
50	CP50F	50	1990->1999	1		0.6	BP6HS	BPR6HS
50	CS50	50	1970->1971	1		0.7	BP4HS	BPR4HS
50	CX50	50	1981->	1		0.6	BP6HS	BPR6HS
50	CY50	50	1981->1982	1		0.6	BP6HS	BPR6HS
50	CY50F	50	1985->1992	1		0.6	BP6HS	BPR6HS
50	DR 50ET	50	1978->1985	1		0.6	BP6HS	BPR6HS
50	FA50	50	1986->	1		0.7	BP4HS	BPR4HS
50	FA50/K	50	1981->1984	1		0.7	BP4HS	BPR4HS
50	FS50	50	1981->	1		0.7	BP4HS	BPR4HS
50	FZ50	50	1979->1982	1		0.7	BP4HS	BPR4HS
50	JR50,R,X,L,N	50	1979->1993	1		0.7	BP4HS	BPR4HS
50	QM50QWA	50	1979->1980	1		0.7	BP4HS	BPR4HS
50	RB 50	50	1985->1991	1		0.7	C6HSA	CR6HSA
50	RG50	50	1988->	1		0.8	B8ES	BR8ES
50	RG50E	50	1989->1991	1		0.8	BPR7ES	
50	RG50W,K,R	50	1987->1988	1		0.8	BPR7ES	
50	TS50ERK	50	1991->1993	1		0.6	BP6HS	BPR6HS
50	TS50W,WG,WP	50	1994->1998	1		0.8	BPR7ES	



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SUZUKI								**SUZUKI**
50	TS50XAE	50	1998->	1		0.6	BP6HS	BPR6HS
50	TS50,ER,ERA,ERAP,K,P,X	50	1984->	1		0.6	BP6HS	BPR6HS
50	TV50M,P	50	1981->1984	1		0.8	BPR8ES	
80	A80	80	1978->1979	1		0.7	BP7HS	
80	DS80,X,L,N,P	80	1996->	1		0.8	B7ES	BR7ES
80	FR80	80	1983->1984	1		0.6	BP6HS	BPR6HS
80	FR80M	80	1984->1987	1		0.6	BP6HS	BPR6HS
80	JR80	80	2001->	1		0.8	BPR7ES	
80	RM80E	80	1982->	1		0.8	B9ES	BR9ES
80	RM80,H,X,P,R,N	80	1991->	1		0.8	B9ES	BR9ES
80	RM80,M	80	1982->	1		0.8	B9ES	BR9ES
85	RM85	85	2002->2005	1		0.8	BR10EG	
85	RM85L	85	2002->2005	1		0.8	BR10EG	
85	RM85L	85	2002->2005	1		0.8	BR10EG	
90	RV90B	90	1972->1979	1		0.6	BP6HS	BPR6HS
100	A100	100	1995->	1		0.7	BP7HS	
100	A100M	100	1977->1979	1		0.6	BP6HS	BPR6HS
100	A100N	100	1976->	1		0.6	BP6HS	BPR6HS
100	AG100JT	100	1995->	1		0.7	BP7HS	
100	AX100	100	1979->1982	1		0.6	BP6HS	BPR6HS
100	GP100X	100	1978->1992	1		0.8	B8HS	BR8HS
100	RM100,X	100	1976->1979	1		0.8	B9ES	BR9ES
120	B120M,D	120	1983->1987	1		0.7	BP7HS	
125	AN125	125	1995->1996	1		0.8	CR7E	
125	DR125SJ	125	1994->1996	1		0.7	D8EA	DR8EA
125	DR125SM	125	2008->	1		0.7	DR8EA	
125	DRZ125L	125	2003->2009	1		0.7	DR8EA	
125	GN 125	125	2011->	1		0.8	DR8EA	
125	GP125	125	1978->1989	1		0.8	B8HS	BR8HS
125	GS125D,ES	125	1982->1983	1		0.7	D8EA	DR8EA
125	RG125R	125	1985->	1		0.8	BR9ECM	
125	RM125	125	1986->	1		0.8	B9EG	BR9EG
125	RM125	125	1987->	1		0.8	B9ES	BR9ES
125	RM125F,N	125	1982->1991	1		0.8	B9EG	BR9EG
125	RV125 K7	125	2007->	1		0.8	CR8E	
125	TC125	125	1972->1977	1		0.8	B8HS	BR8HS
125	TF125	125	1975->1977	1		0.8	B7ES	BR7ES
125	TF125,X	125	1982->1983	1		0.8	B7ES	BR7ES
125	TS125X	125	1978->1981	1		0.8	B8ES	BR8ES
125	TS125XU	125	1976->1977	1		0.8	B8ES	BR8ES
160	LT160EK	160	1989->1989	1		0.7	D7EA	DR7EA
175	PE175	175	1979->	1		0.6	B10ES	
175	PE175	175	1978->	1		0.8	B8ES	BR8ES
175	PE175F	175	1980->	1		0.6	B10ES	
185	TC185	185	1974->1977	1		0.7	B7HS	BR7HS
185	TS185ERZ,ERP	185	1990->	1		0.8	BPR7ES	
185	TS185,X	185	1982->	1		0.8	B7ES	BR7ES
185	TS185,X	185	1977->	1		0.7	B7HS	BR7HS
185	TS185,X	185	1981->	1		0.8	BPR7ES	
200	B200	200	1981->	1		0.8	B8ES	BR8ES
200	B200	200	1980->	1		0.8	BPR6ES	BP6ES
200	B200N	200	1982->1984	1		0.8	B8ES	BR8ES
200	BURGMAN UH200	200	2007->	1		0.8	CR8EK	
200	DF200ET	200	1992->	1		0.7	DR8EA	
200	DR200	200	1986->1988	1		0.7	D8EA	DR8EA
200	DR200SE	200	1996->2005	1		0.7	DR8EA	
200	DR200,J	200	1995->	1		0.7	D8EA	DR8EA
200	GT200	200	1978->1979	1		0.8	B8ES	BR8ES
200	SB200Z	200	1979->1983	1		0.8	B8ES	BR8ES
200	TS200X	200	1988->1989	1		0.8	B8ES	BR8ES
200	TS200XF	200	1984->1985	1		0.8	B8ES	BR8ES
250	DR250	250	1990->1993	1		0.7	D8EA	DR8EA
250	DR250S	250	1983->1985	1		0.7	D8EA	DR8EA
250	GN250	250	1983->1988	1		0.7	DR8EA	
250	GN250,D,EDM,N	250	1984->1987	1		0.7	D8EA	DR8EA
250	GSX250T,L	250	1980->1981	1		0.7	D8EA	DR8EA
250	GT250	250	1976->1977	2		0.8	B9ES	BR9ES
250	PE250	250	1978->	1		0.8	B8ES	BR8ES
250	PE250	250	1979->	1		0.8	B9ES	BR9ES
250	PE250	250	1980->	1		0.6	B10ES	
250	RG250	250	1984->1985	2		0.8	B9ES	BR9ES



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SUZUKI								**SUZUKI**
250	RG250WD,WE	250	1983->1989	2		0.8	B9ES	BR9ES
250	RGV250K	250	1989->1990	2		0.8	BR9ES	
250	RGV250P	250	1990->1997	2		0.8	BR9ECM	
250	RM250	250	1981->	1		0.8	B9ES	BR9ES
250	RM250	250	2001->2005	1		0.8	BR8EG	
250	RM250 K1	250	2001->	1		0.8	BR8EG	
250	RM250N	250	2001->2008	1		0.8	B8ES	BR8ES
250	RMX250W	250	1993->1998	1		0.8	B9EG	BR9EG
250	RMZ 250	250	2007->	1		0.8	CR8E	
250	RMZ250	250	2004->2006	1		0.8	CR8E	
250	RMZ250	250	2006->	1		0.8	CR8E	
250	TS250,X	250	1977->1979	1		0.8	B8ES	BR8ES
350	DR350SN,SP	350	1994->	1		0.9	DPR9EA-9	
370	SP370	370	1978->1979	1		0.7	D8EA	DR8EA
400	AN400	400	1970->1973	1		0.8	CR7E	
400	DR400	400	1980->	1		0.7	D8EA	DR8EA
400	DR400S	400	1980->	1		0.7	D8EA	DR8EA
400	DRZ400 S,Y,K1	400	2000->	1		0.8	CR8E	
400	DRZ400SM	400	2000->2009	1		0.8	CR8E	
400	GN400T	400	1981->1983	1		0.7	D8EA	DR8EA
400	GN400/TX,XX	400	1979->1980	1		0.7	D8EA	DR8EA
400	GS400,E,X	400	1977->1978	2		0.8	B8ES	BR8ES
400	GSX400E	400	1982->1985	2		0.7	D8EA	DR8EA
400	GSX400EF	400	1982->	2		0.7	D8EA	DR8EA
400	GSX400F	400	1980->	2		0.7	D8EA	DR8EA
400	GSX400T	400	1979->1984	2		0.7	D8EA	DR8EA
400	GSXR400	400	1993->	2		0.7	CR8EK	
400	GSXR400	400	1993->	4		0.8	CR8EK	
400	PE400,X	400	1980->1981	1		0.8	B9ES	BR9ES
400	RM400	400	1978->1979	1		0.8	B8ES	BR8ES
400	RMZ400	400	2007->	1		1	DIMR8A-10	
400	SP400	400	1980->	1		0.7	D8EA	DR8EA
425	GS425	425	1979->1979	2		0.8	B8ES	BR8ES
450	GS450E,ES,GA,L,T,TX	450	1980->1988	2		0.8	B8ES	BR8ES
450	GS450L	450	1985->	2		0.8	B8ES	BR8ES
450	GS450LF	450	1982->1983	2		0.8	B8ES	BR8ES
450	GS450SF	450	1985->1986	2		0.8	B8ES	BR8ES
450	RMX 450	450	2010->	1		1	DIMR8A-10	
450	RMZ450	450	2004->	1		1	CR8EIB-10	
450	RMZ450	450	2007->	1		1	DIMR8A-10	
450	RMZ450	450	2008->	1		1	DIMR8A-10	
465	RM465	465	1985->1986	1		0.8	B8ES	BR8ES
500	DR500R	500	1984->	1		0.9	DP9EA-9	DPR9EA-9
500	DR500S	500	1981->1983	1		0.9	DP9EA-9	DPR9EA-9
500	DR500,D	500	1985->1985	1		0.7	D8EA	DR8EA
500	GS500EM	500	1989->2000	2		0.9	DPR8EA-9	
500	GS500EP,ER	500	1993->2000	2		0.9	DPR8EA-9	
500	GS500F	500	2004->	2		0.9	DPR8EA-9	
500	RG500	500	1987->	4		0.8	B9ES	BR9ES
500	RM500	500	1981->1982	1		0.8	B8ES	BR8ES
500	RM500E	500	1983->1986	1		0.8	B8ES	BR8ES
500	RM500F	500	1981->1982	1		0.8	B8ES	BR8ES
550	GS550M,P,TX	550	1986->	2		0.8	B8ES	BR8ES
550	GS550,E,ES	550	1983->	2		0.8	B8ES	BR8ES
550	GS550,E,ES	550	1984->	2		0.7	D9EA	DR9EA
600	DR600	600	1990->	1		0.9	DP9EA-9	DPR9EA-9
600	DR600S	600	1990->	1		0.9	DP9EA-9	DPR9EA-9
600	GSF600V	600	1995->	1		0.8	CR9EK	
600	GSR600	600	2006->	4		0.8	CR9E	
600	GSX-R600	600	1997->2005	4		0.8	CR9E	
600	GSX-R600	600	2008->	4		0.9	CR9EIA-9	
600	GSX600F KATANA	600	1996->2005	4		0.8	CR9EK	
600	GSXR600V	600	1997->2007	4		0.8	CR9E	
650	AN650	650	2005->2009	1		0.8	CR8E	
650	DL 650 V STORM TWIN SPARK	650	2012->	2		0.8	CR8EIX	CR8E
650	DL650 V-STORM	650	2004->2005	2		0.8	CR8EK	
650	DL650 V-STROM	650	2004->	2		0.8	CR8E	
650	DR650RSEP	650	1990->	1		0.9	DPR9EA-9	
650	DR650SE	650	1996->2005	1		0.8	CR10E	
650	DR650SE	650	1996->2009	1		0.8	CR10E	
650	GS650	650	1981->	4		0.8	DR8ESL	;



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SUZUKI								**SUZUKI**
650	GS650G,GE,GL,GT,GX,M	650	1981->	4		0.7	D8EA	DR8EA
650	GSF 650,S	650	2005->	4		0.8	CR8EK	
650	GSF650	650	2005->2006	4		0.8	CR9E	
650	GSF650 K7	650	2007->	4		0.8	CR9E	
650	GSF650S	650	2005->2006	4		0.8	CR9E	
650	GSX 650 A,SA	650	2008->	4		0.8	CR8E	
650	GSX 650 F	650	2008->	4		0.8	CR8E	
650	GSX650 A/SA	650	2008->	4		0.8	CR8E	
650	GSX650F	650	2008->	4		0.8	CR8E	
650	LS650P SAVAGE	650	2000->2005	1		0.9	DPR8EA-9	
650	SFV650 GLADIUS	650	2009->	2		0.9	CR9EIA-9	
650	SV 650	650	1999->2009	2		0.8	CR8E	
650	SV650S	650	1999->2009	2		0.8	CR8E	
650	SV650,S	650	1999->2005	4		0.8	CR8E	
650	SV650,S	650	1999->2009	2		0.8	CR8E	
650	V-STROM TRAVELLER 650	650	2010->	2		0.8	CR8EK	
650	XF650 FREEWIND	650	2000->	2		0.8	CR10E	
750	DR750S	750	1988->1990	1		0.9	DP9EA-9	DPR9EA-9
750	GS750	750	1980->	4		0.8	B8ES	BR8ES
750	GS750	750	1981->	4		0.7	D8EA	DR8EA
750	GS750D,E,P	750	1977->1979	4		0.8	B8ES	BR8ES
750	GS750ED,ESD,SD	750	1980->1983	4		0.7	D8EA	DR8EA
750	GS750S	750	1980->1983	4		0.7	D9EA	DR9EA
750	GSR750WN,WP	750	1999->	4		0.8	CR9EK	
750	GSX750EE	750	1997->	4		0.7	D8EA	DR8EA
750	GSX750ES	750	1985->	4		0.7	D9EA	DR9EA
750	GSX750ES	750	1984->1984	4		0.7	D8EA	DR8EA
750	GSX750ESE	750	1989->	4		0.7	D8EA	DR8EA
750	GSX750E,EF,ES	750	1989->	4		0.7	D8EA	DR8EA
750	GSX750F KATANA	750	1999->2005	4		0.8	CR9EK	
750	GSX750S	750	1989->1996	4		0.7	D8EA	DR8EA
750	GSX750,L,S,T	750	1989->1996	4		0.7	D8EA	DR8EA
750	GSXR750	750	1986->1987	4		0.7	D9EA	DR9EA
750	GSXR750	750	1994->2005	4		0.8	CR9E	
750	GSXR750	750	2008->	4		0.9	CR9EIA-9	
750	GSXR750 J,K	750	1988->1989	4		0.6	JR9C	
750	GSXR750 K6	750	2006->	4		0.8	CR9E	
750	GSXR750 Y,K1	750	2000->	4		0.8	CR9E	
750	GT750	750	1975->1977	3		0.8	B8ES	BR8ES
800	VL800 VOLUSIA	800	2001->	2		0.9	DPR7EA-9	
800	VX800L,N,P	800	1990->1996	2		0.9	DPR8EA-9	
800	VZ800	800	2009->	2		0.9	DPR7EA-9	
800	VZ800	800	2009->	2		0.7	DR7EA	
800	VZ800V	800	1997->2001	2		0.9	DPR8EA-9	
800	VZ800,M800	800	2005->	2		0.9	DPR7EA-9	
850	GS850G	850	1979->1988	4		0.8	B8ES	BR8ES
850	GS850GE	850	1979->1989	4		0.8	B8ES	BR8ES
900	RF900RV	900	1994->	4		0.8	CR9E	
1000	DL 1000 V-STORM	1000	2013->	2		0.8	CR8EIX	CR8E
1000	DL1000 V STORM	1000	2002->2005	2		0.8	CR8EK	
1000	GS1000S	1000	1982->	4		0.8	B8ES	BR8ES
1000	GS1000,D,E,GL,GX,H	1000	1980->	4		0.8	B8ES	BR8ES
1000	GSX-R 1000	1000	2013->	4		0.9	CR9EIA-9	
1000	GSX R-1000	1000	2001->2005	4		0.8	CR9E	
1000	GSX R-1000	1000	2001->2005	4		1	CR9EIX	
1000	GSX R-1000	1000	2009->	4		0.9	CR9EIA-9	
1000	GSX R-1000 K3	1000	2003->	4		0.8	CR9E	
1000	GSX R-1000 K1	1000	2000->2006	4		0.8	CR9E	
1000	GSX R-1000 K7	1000	2007->	4		0.9	CR9EIA-9	
1000	SV1000S	1000	2003->	2		0.8	CR8EK	
1000	TL1000R R	1000	1998->	2		0.8	CR9EK	
1000	TL1000SV SV	1000	1997->	2		0.8	CR9E	
1000	TL1000SW,SX,SY	1000	1997->	2		0.8	CR8EK	
1100	GS1100EF,ES	1100	1984->1988	4		0.7	D8EA	DR8EA
1100	GS1100G	1100	1982->1985	4		0.8	B8ES	BR8ES
1100	GSX1100E	1100	1986->	4		0.9	DP9EA-9	DPR9EA-9
1100	GSX1100EFF,ESF	1100	1984->1988	4		0.7	D9EA	DR9EA
1100	GSX1100E,S	1100	1985->	4		0.7	D8EA	DR8EA
1100	GSX1100F	1100	1987->	4		0.6	JR9C	
1100	GSXR1100	1100	1989->1992	4		0.6	JR9C	
1100	GSXR1100M	1100	1989->1993	4		0.7	JR9B	



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SUZUKI								**SUZUKI**
1100	GSXR1100W	1100	1993->	4		0.8	CR9E	
1100	SGX1100	1100	1987->	4		0.7	DR8EA	
1200	GS 1200SS	1200	1996->2002	4		0.8	IJR8B-9	
1200	GSF1200 BANDIT	1200	2000->	4		0.7	JR9B	
1200	GSF1200V	1200	1996->	4		0.7	JR9B	
1200	GSX1200	1200	1999->2001	4		0.7	JR9B	
1250	GSF1250 BANDIT	1250	2007->	4		0.8	CR7E	
1250	GSF1250S	1250	2007->	4		0.8	CR7E	
1250	GSX1250	1250	2011->	4		0.8	CR7E	
1300	GSX 1300 R HAYABUSA	1300	2008->	4		0.9	CR9EIA-9	
1300	GSX 1300R HAYABUSA	1300	1999->2005	4		0.8	CR9E	
1300	GSX1300	1300	1999->	4		0.8	CR9E	
1300	GSX1300RZ	1300	1999->2007	4		0.8	CR9E	
1300	GSXR1300 HAYABUSA	1300	1999->	4		0.8	CR9E	
1400	GSX1400	1400	2001->	4		0.8	CR8EK	
1400	VS1400GLPR	1400	1987->	2		0.9	DPR8EA-9	
1500	C 1500 INTRUDER	1500	2013->	2		0.9	CPR6EA-9S	
1500	M1500 INTRUDER	1500	2009->	2		0.8	CR6E	
1500	VL1500	1500	1999->	2		0.9	DPR7EA-9	
1500	VL1500 INTRUDER C	1500	2005->	2		0.9	DPR7EA-9	
1800	C 1800 R INTRUDER	1800	2008->	2		0.8	CR8EK	
1800	C1800R INTRUDER	1800	2008->	2		0.8	CR8EK	
1800	M1800R INTRUDER	1800	2006->	2		0.8	CR8EK	
1800	VZR1800	1800	2001->	2		0.8	CR8EK	
1800	VZR1800Z	1800	2007->2009	2		0.8	CR8EK	
SYM								**SYM**
50	SIMPLY 50	50	2009->	1		0.8	CR7HSA	
50	SYMPHONY 50	50	2009->	1		0.8	CR7HSA	
100	JET 100	100	1999->	1		0.8	BR8HS	
125	GTS 125	125	2006->	1		0.8	CR8E	
125	SHARK 125, R125	125	1999->	1		0.8	CR8E	
125	SIMPLY 125	125	2009->	1		0.8	CR7HSA	
125	SYMPHONY 125	125	2009->	1		0.8	CR7HSA	
125	WOLF 125	125	2005->	1		0.8	DR8EA	
250	GTS 250	250	2006->	1		0.8	CR8E	
TM								**TM**
125	125EN	125	2003->	1		0.8	BR9EG	BR9ES
125	CROSS ENDURO 125	125	1994->	1		0.8	B10EG	BR10EG
250	250 EN	250	2003->	2		0.8	BR8EG	
250	250 EN-F	250	2004->	2		0.8	CR8E	
TRIUMPH								**TRIUMPH**
650	T120R BONNEVILLE	650	1968->1974	3		0.8	BR8ES	
650	T120V BONNEVILLE	650	1968->1974	3		0.8	BR8ES	
675	DAYTONA	675	2006->	3		0.8	CR9EK	
675	DAYTONA 675	675	2013->	3		0.9	CR9EIA-9	
675	DAYTONA 675 RR	675	2013->	3		0.8	CR9EIA-9	
675	DAYTONA R	675	2008->	3		0.8	CR9EK	
675	SPEED TRIPLE 675	675	2007->	3		0.8	CR9EK	
750	750 TRIDENT LIQUID COOLED DOHC 95->	750	1991->1998	3		0.9	DPR9EA-9	
750	T140D BONNEVILLE 750	750	1973->1980	2		0.8	B6ES	BR6ES
750	T140E BONNEVILLE 750	750	1973->1980	2		0.8	B6ES	BR6ES
790	T140V BONNEVILLE 790	790	2001->2003	2		0.9	DPR8EA-9	
800	TIGER 800	800	2011->	3		0.8	CR9EK	
800	TIGER 800 XC	800	2011->	3		0.8	CR9EK	
865	AMERICA	865	2010->	2		0.9	DPR8EA-9	
865	BONNEVILLE	865	2010->	2		0.9	DPR8EA-9	
865	BONNEVILLE BLACK	865	2010->	2		0.9	DPR8EA-9	
865	BONNEVILLE T100	865	2008->	2		0.9	DPR8EA-9	
865	SCRAMBLER	865	2010->	2		0.8	DPR8EA-9	
865	SPEED MASTER	865	2010->	2		0.9	DPR8EA-9	
865	THRUXTON	865	2010->	2		0.9	DPR8EA-9	
865	THRUXTON 900	865	2004->	2		0.9	DPR8EA-9	
900	900 ADVENTURER LIQUID COOLED DOHC 95->	900	1996->2001	3		0.9	DPR8EA-9	
900	900 DAYTONA LIQUID COOLED DOHC 95->	900	1994->1996	3		0.9	DPR9EA-9	
900	900 SPEED TRIPLE LIQUID COOLED 95->	900	1997->	3		0.9	DPR8EA-9	



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TRIUMPH								**TRIUMPH**
900	900 SPRINT LIQUID COOLED DOHC 95->	900	1993->1996	3		0.9	DPR8EA-9	
900	900 SUPER 111 LIQUID COOLED DOHC 95->	900	1994->1997	3		0.9	DPR9EA-9	
900	900 THUNDERBIRD LIQUID COOLED DOHC 95->	900	1995->2004	3		0.9	DPR8EA-9	
900	900 TIGER LIQUID COOLED DOHC 95->	900	1993->1998	3		0.9	DPR9EA-9	
900	900 TRIDENT LIQUID COOLED DOHC 95->	900	1991->1998	3		0.9	DPR9EA-9	
900	900 TROPHY LIQUID COOLED DOHC 95->	900	1991->1995	3		0.9	DPR9EA-9	
900	AMERICA LT	900	2006->	2		0.9	DPR8EA-9	
900	SPEEDMASTER	900	2009->	2		0.9	DPR8EA-9	
900	THRUXTON	900	2010->	2		0.9	DPR8EA-9	
955	955 DAYTONA I	955	2002->2004	3		0.8	CR9EK	
1050	1050 TIGER	1050	2011->	3		0.8	CR8EK	
1050	SPEED TRIPLE	1050	2011->	3		0.8	CR8EIX	
1200	1200 DAYTONA LIQUID COOLED DOHC 95->	1200	1993->2000	4		0.9	DPR9EA-9	
1200	1200 TROPHY LIQUID COOLED DOHC 95->	1200	1991->2003	4		0.9	DPR9EA-9	
1200	TIGER EXPLORER	1215	2010->	3		0.9	DPR8EA-9	
1200	TOURING SE	1215	2008->	3		0.9	DPR8EA-9	
1600	THUNDER BIRD	1600	2010->	2		0.9	DPR6EA-9	
1600	THUNDERBIRD STORM	1600	2009->	2		0.9	DPR6EA-9	
1700	THUNDERBIRD COMMANDER	1700	2010->	3		0.9	DPR8EA-9	
2300	ROCKET 3	2300	2004->	6		0.9	DPR8EA-9	
2300	ROCKET 3 TWIN SPARK	2300	2009->	3		0.9	DPR8EA-9	
VICTORY								**VICTORY**
1634	HAMMER 100CU IN FREEDOM 1634	1634	2006->	2		0.9	CPR6EA-9S	
1634	NESS SIGNATURE JACKPOT 1634	1634	2006->	2		0.9	CPR6EA-9S	
1634	TOURING CRUISER 1634	1634	2006->	2		0.9	CPR6EA-9S	
1634	VEGAS 1634	1634	2006->	2		0.9	CPR6EA-9S	
1634	VEGAS 8 BALL 1634	1634	2006->	2		0.9	CPR6EA-9S	
1634	VEGAS JACKPOT 1634	1634	2006->	2		0.9	CPR6EA-9S	
1700	ARLEN NESS	1731	2011->	2		0.8	DCPR6E	
1700	BOARDWALK	1731	2011->	2		0.8	DCPR6E	
1700	CORY NESS CROSS COUNTRY	1731	2011->	2		0.8	DCPR6E	
1700	CROSS COUNTRY	1731	2011->	2		0.8	DCPR6E	
1700	CROSS COUNTRY TOUR	1731	2011->	2		0.8	DCPR6E	
1700	CROSS ROADS CLASSIC	1731	2011->	2		0.8	DCPR6E	
1700	HAMMER 8 BALL	1731	2011->	2		0.8	DCPR6E	
1700	HAMMER S	1731	2011->	2		0.8	DCPR6E	
1700	HARD BALL	1731	2011->	2		0.8	DCPR6E	
1700	HIGHBALL	1731	2011->	2		0.8	DCPR6E	
1700	JACKPOT	1731	2011->	2		0.8	DCPR6E	
1700	JUDGE	1731	2011->	2		0.8	DCPR6E	
1700	VEGAS 8 BALL	1731	2011->	2		0.8	DCPR6E	
1700	VISION TOUR	1731	2011->	2		0.8	DCPR6E	
1700	ZACH NESS TOUR	1731	2011->	2		0.8	DCPR6E	
VUKA								**VUKA**
125	RS 125	125	2011->	1		0.8	C7HSA	CR7HSA
125	RT 125	125	2011->	1		0.8	C7HSA	CR7HSA
125	TMI 125	125	2011->	1		0.8	C7HSA	CR7HSA
YAMAHA								**YAMAHA**
110	TTR110	1	2013->	1		0.8	CR6HSA	
50	BW 50 R12	50	2001->	1		0.8	BR8HS	
50	CE50	50	1986->1987	1		0.7	BP4HS	BPR4HS
50	CW50W	50	1991->	1		0.7	BP7HS	
50	CY50	50	1994->	1		0.7	BPR6HS	
50	DT50 LC	50	1988->1990	1		0.8	B8ES	BR8ES
50	GT50B,D	50	1983->	1		0.7	B7HS	BR7HS
50	MR50,H	50	1984->	1		0.7	B7HS	BR7HS
50	PW50	50	1981->2006	1		0.7	BP4HS	BPR4HS
50	PW50	50	2013->	1		0.8	BPR4HS	
50	RD50DX	50	1986->1989	1		0.8	B8HS	BR8HS
50	RZ50	50	1982->	1		0.8	B8ES	BR8ES
50	RZ50K	50	1982->	1		0.8	B8ES	BR8ES
50	SA50,H,M	50	1982->1986	1		0.7	BP4HS	BPR4HS
50	SH50	50	1987->2001	1		0.6	BP6HS	BPR6HS
50	SH50T	50	1993->	1		0.6	BP6HS	BPR6HS
50	TTR50E	50	2006->	1		0.8	CR7HSA	



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YAMAHA								**YAMAHA**
50	TZR50	50	2013->	1		0.8	CR8E	
50	V50E	50	2007->2007	1		0.7	B7HS	BR7HS
50	YA50	50	1997->	1		1	BP7HS-10	BPR7HS-11
50	YB50,S	50	1981->1983	1		0.7	B7HS	BR7HS
50	YSR50	50	1988->1992	1		0.8	B8HS	BR8HS
60	JT1,L, JT2,M 60	60	->1975	1		0.7	B7HS	BR7HS
60	JT1,L, JT2,M 60	60	->1975	1		0.7	B7HS	BR7HS
60	YT60S	60	->1975	1		0.6	BP6HS	BPR6HS
70	70	70	2013->	1		0.8	LKR7E	
80	CV80	80	1983->1984	1		0.7	BP7HS	
80	CV80J	80	1982->1986	1		0.6	BP6HS	BPR6HS
80	LB80	80	1976->1978	1		0.6	BP6HS	BPR6HS
80	LB80-2A,AC,AD,H,3,3D	80	1976->1978	1		0.6	B6HS	BR6HS
80	LB80-2HD	80	1976->1978	1		0.7	B7HS	BR7HS
80	LB80II	80	1981->1985	1		0.7	B7HS	BR7HS
80	PW80	80	1983->1990	1		0.6	BP6HS	BPR6HS
80	PW80	80	1983->2006	1		0.7	BPR6HS	
80	PW80K	80	1984->	1		0.6	BP6HS	BPR6HS
80	PW80L	80	1983->2006	1		0.6	BP6HS	BPR6HS
80	PW80N	80	1983->2006	1		0.6	BP6HS	BPR6HS
80	YZ80	80	1985->	1		0.8	B9ES	BR9ES
80	YZ80C,D,E,H	80	1976->1981	1		0.8	B8ES	BR8ES
80	YZ80E	80	->1992	1		0.8	B10EG	BR10EG
80	YZ80J	80	1982->	1		0.8	B9ES	BR9ES
80	YZ80K/L	80	1982->	1		0.8	B9ES	BR9ES
80	YZ80N	80	1983->1986	1		0.8	B9ES	BR9ES
80	YZ80S	80	1982->	1		0.8	B9ES	BR9ES
80	YZ80T	80	1982->	1		0.8	B9ES	BR9ES
85	YZ85	85	2006->	1		0.8	BR10EG	
85	YZ85	85	2013->	1		0.8	BR10EG	
90	TTR90	90	2000->	1		0.7	CR6HSA	
90	V90	90	2007->	1		0.7	B7HS	BR7HS
90	YA90	90	1993->	1		0.8	BR7HS	
100	AG100	100	1980->	1		0.7	B7HS	BR7HS
100	AG100	100	1982->	1		0.8	B7ES	BR7ES
100	AG100H,J,K	100	1984->	1		0.8	B7ES	BR7ES
100	RT100	100	1990->2000	1		0.8	BR7ES	
100	RT100	100	2000->	1		1	BR8HS-10	
100	RT100	100	2002->	1		0.8	BR7ES	
100	YB100	100	1987->1992	1		0.7	BP7HS	
100	YB100M	100	1993->	1		0.8	B8HS	BR8HS
100	YB100P	100	1985->	1		0.7	B7HS	BR7HS
100	YZ100L	100	1982->	1		0.8	B9ES	BR9ES
100	YZ100,E,H,J	100	1976->1981	1		0.6	B10ES	
110	TT R110 E	110	2008->	1		0.7	CR6HSA	
115	RX115	115	1993->	1		0.8	BP8HS	BPR8HS
125	DT125	125	1986->	1		0.8	B8ES	BR8ES
125	DT125E,ED,F,H,MX	125	1983->	1		0.8	B8ES	BR8ES
125	DT125K,J,LC	125	1974->1981	1		0.8	B8ES	BR8ES
125	DT125RE	125	2004->	1		0.8	B8ES	BR8ES
125	RD125 12.7MM REACH	125	1984->	1		0.8	B8HS	BR8HS
125	RD125 19.0MM REACH	125	1976->	1		0.8	B8ES	BR8ES
125	RD125C	125	1976->	1		0.8	B8ES	BR8ES
125	RD125D-DX	125	1973->1975	1		0.8	B7ES	BR7ES
125	RD125LC	125	1976->	1		0.8	B8ES	BR8ES
125	RS125E	125	1982->	1		0.7	B7HS	BR7HS
125	RZ125L	125	1972->	1		0.8	B8ES	BR8ES
125	TA125,A	125	1974->1977	1		0.6	B10ES	
125	TTR125	125	2007->	1		0.8	CR7HSA	
125	TTR125E L T	125	2000->2006	1		0.8	CR7HSA	
125	TY125	125	1977->1981	1		0.8	BR7ES	
125	TZR125	125	1993->1997	1		0.8	BR9ECM	
125	WR125R	125	2009->	1		0.8	CR8E	
125	WR125R,X	125	2009->	1		0.8	CR8E	
125	WR125X	125	2009->	1		0.8	CR8E	
125	XN125	125	2000->	1		0.8	CR8E	
125	XT125R	125	2005->	1		0.8	CR7HSA	
125	XT125X	125	2005->	1		0.8	CR7HSA	
125	XV125	125	1997->	1		0.7	CR6HSA	
125	YB125 B,C,E,F	125	1971->1976	1		0.7	B7HS	BR7HS
125	YBR125	125	2005->	1		0.7	CR6HSA	



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YAMAHA								**YAMAHA**
125	YBR125	125	2010->	1		0.8	CR6HSA	
125	YP125XRX MAX	125	2006->	1		0.9	CPR9EA-9	
125	YZ125	125	1974->1976	1		0.8	BR9EIX	
125	YZ125	125	1985->	1		0.8	B9ES	BR9ES
125	YZ125	125	2006->	1		0.8	BR9EIX	
125	YZ125	125	2006->	1		0.8	BR9EIX	
125	YZ125	125	2013->	1		0.8	BR9EG	BR9ES
125	YZ125B,C,H,K,L	125	1996->1998	1		0.8	B9ES	BR9ES
125	YZ125E	125	1998->2005	1		0.8	BR9EG	BR9ES
125	YZ125N	125	1996->1998	1		0.8	B9ES	BR9ES
125	YZ125S	125	1996->1998	1		0.8	B9ES	BR9ES
125	YZ125T	125	1996->1998	1		0.8	B9ES	BR9ES
125	YZF-R125	125	2008->	1		0.8	CR8E	
125	YZFR 125	125	2008->	1		0.8	CR8E	
135	RD135	132	1978->	1		0.8	BPR8HS	
175	AG175	175	1983->1985	1		0.8	B8ES	BR8ES
175	AG175H	175	1985->	1		0.8	B7ES	BR7ES
175	IT175,H,J,K	175	1983->1985	1		0.8	B9ES	BR9ES
176	DT180 AIR COOLED	176	1982->	1		0.8	BR8ES	
176	TDR180	176	1982->1984	1		0.8	BR8ES	
195	RS195	195	1978->	1		0.8	B7ES	BR7ES
200	AG200	200	1993->	1		0.7	D8EA	DR8EA
200	IT200	200	1984->1985	1		0.8	B9ES	BR9ES
200	IT200L	200	1984->1985	1		0.8	B9ES	BR9ES
200	IT200N	200	1984->1985	1		0.8	B9ES	BR9ES
200	IT200S	200	1984->1985	1		0.8	B9ES	BR9ES
200	NR200	200	1987->	1		0.8	B7ES	BR7ES
200	RD200B 12.7MM REACH	200	1983->1986	1		0.8	B8HS	BR8HS
200	RD200B 19.0MM REACH	200	1987->	1		0.8	B7ES	BR7ES
200	RD200C,C-DX,S	200	1976->	1		0.8	B7ES	BR7ES
200	TW200	200	1987->1999	1		0.7	DR8EA	
200	TW200	200	2000->2010	1		0.7	DR8EA	
200	WR200R,RE	200	1993->	1		0.8	BR9ES	
200	XT200N	200	1982->1983	1		0.7	D8EA	DR8EA
200	XT200,JK,KC	200	1982->1983	1		0.7	D8EA	DR8EA
200	YFS200E	200	1990->	1		0.8	B8ES	BR8ES
230	TTR230	230	2005->	1		0.7	DR8EA	
250	MG250	250	1987->	1		0.8	BPR7ES	
250	RZ250L	250	1979->1980	2		0.8	B8ES	BR8ES
250	RZ250N	250	1980->1988	2		0.8	B9ES	BR9ES
250	RZ250RR	250	1980->1988	2		0.8	B9ES	BR9ES
250	SR250	250	1980->1982	1		0.8	BPR7ES	
250	TTR250	250	1999->2006	1		0.8	CR9E	
250	TY250/E	250	1984->	1		0.8	B7ES	BR7ES
250	TZ250	250	1988->	2		0.6	B10ES	
250	TZR250	250	1987->1989	2		0.8	B9ES	BR9ES
250	TZR250R	250	1993->	2		0.8	BR9ECM	
250	TZR250T	250	1987->	2		0.8	B9ES	BR9ES
250	WR250	250	2013->	1		0.8	CR9EK	
250	WR250 2,2E	250	1993->	2		0.8	B8EG	B8ES
250	WR250F	250	2001->2005	1		0.8	CR8E	
250	WR250R	250	2008->	1		0.8	CR9EK	
250	WR250X	250	2008->	1		0.8	CR9EK	
250	XS250,C,H,RH,SE,SH	250	->1983	1		0.8	BPR7ES	
250	XT250	250	2009->	1		0.8	DR7EA	
250	XV250 VIRAGO	250	2006->	2		0.7	CR6HSA	
250	YZ250	250	1996->2005	1		0.8	BR8EG	
250	YZ250	250	1996->2005	1		0.8	BR8EG	
250	YZ250 2T	250	2013->	1		0.8	BR8EG	
250	YZ250 4T	250	2013->	1		0.8	CR8E	
250	YZ250 FE	250	2014->	1		0.8	LMAR8G	
250	YZ250 LC	250	2007->	1		0.8	BR8EG	
250	YZ250E	250	1983->	1		0.8	B8EG	B8ES
250	YZ250F	250	2001->	1		0.8	CR8E	
250	YZ250F	250	2001->2005	1		0.8	CR8E	
250	YZ250N	250	1974->1981	1		0.8	B9ES	BR9ES
250	YZ250S	250	1995->	1		0.8	B8ES	BR8ES
250	YZ250T	250	1992->1994	1		0.8	B8ES	BR8ES
250	YZ250V	250	2006->	1		0.8	BR8EG	
250	YZ250,E,H,J	250	1983->1983	1		0.8	B9ES	BR9ES
250	YZ250,K,L	250	1985->1986	1		0.8	B9ES	BR9ES



MOTOR CYCLES

Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval
YAMAHA								**YAMAHA**
350	RD350J,LC	350	1984->	2		0.8	B8ES	BR8ES
350	RZ350K,L	350	->1985	2		0.8	B8ES	BR8ES
350	XT350	350	1985->	1		0.7	D8EA	DR8EA
350	XT350E	350	1981->	1		0.7	D8EA	DR8EA
350	XT350N	350	1985->	1		0.7	D8EA	DR8EA
350	XT350NC	350	1982->1983	1		0.7	D8EA	DR8EA
350	XT350S	350	1985->	1		0.7	D8EA	DR8EA
360	DT360	360	1973->1975	1		0.8	B9ES	BR9ES
360	YZ360	360	1972->1973	1		0.8	B8ES	BR8ES
400	DT400E	400	1975->1976	1		0.8	B9ES	BR9ES
400	DT400MX	400	1975->1976	1		0.8	B9ES	BR9ES
400	DT400,H	400	1977->1979	1		0.8	B8ES	BR8ES
400	FZR400	400	1988-1990->	4		0.8	CR8E	
400	IT400	400	1976->1979	1		0.8	B8ES	BR8ES
400	IT400E	400	1974->1975	1		0.8	B8ES	BR8ES
400	RD400	400	1976->1979	2		0.8	B8ES	BR8ES
400	RD400E	400	1976->1979	2		0.8	B8ES	BR8ES
400	XZ400	400	1971->1973	2		0.7	D8EA	DR8EA
400	YZ400,C,E	400	1976->1979	1		0.8	B8ES	BR8ES
425	IT425	425	1972->	1		0.8	B8ES	BR8ES
426	WR426F	426	2000->2002	1		0.8	CR8E	
426	YZ426F	426	2000->	1		0.8	CR8E	
450	WR450F	450	2003->2012	1		0.8	CR8E	
450	WR450F	450	2013->	1		0.8	CR8E	
450	YFZ450S	450	2004->	1		0.8	CR8E	
450	YZ450F	450	2003->	1		0.8	CR8E	
450	YZ450F	450	2003->2005	1		0.8	CR8E	
465	IT465,H,J	465	1981->1982	1		0.8	B8ES	BR8ES
465	YZ465,H	465	1980->1981	1		0.8	B8ES	BR8ES
490	IT490	490	1984->	1		0.8	B8ES	BR8ES
490	IT490K	490	1983->	1		0.8	B8ES	BR8ES
490	IT490L	490	1983->1984	1		0.8	B8ES	BR8ES
490	YZ490	490	1984->	1		0.8	B8ES	BR8ES
490	YZ490	490	1985->	1		0.8	B9ES	BR9ES
490	YZ490J	490	1984->	1		0.8	B8ES	BR8ES
490	YZ490K,L	490	1984->1985	1		0.8	B9ES	BR9ES
490	YZ490N	490	1983->	1		0.8	B9ES	BR9ES
490	YZ490S	490	1985->	1		0.8	B9ES	BR9ES
490	YZ490T	490	1982->1987	1		0.8	B9ES	BR9ES
500	RD500LC	500	->1984	4		0.8	B9HS	BR9HS
500	RD500LC	500	1984->1987	4		0.8	BR9HS	
500	SC500	500	1973->1974	1		0.8	B8ES	BR8ES
500	SR500	500	1978->1979	1		0.8	BPR7ES	
500	SR500,E,H	500	1978->1979	1		0.8	BPR7ES	
500	TT500,C,E,H,J	500	1976->1981	1		0.8	BPR7ES	
500	TX500	500	1973->1974	1		0.7	D8EA	DR8EA
500	XP500 T MAX	500	2000->	1		0.8	CR7E	
500	XT500	500	1976->1989	1		0.8	BP7EVX	BP7ES
500	XT500,C,E,H	500	1977->1983	1		0.8	BPR7ES	
550	XJ550K,L	550	1981->1983	4		0.7	D8EA	DR8EA
550	XJ550,H,J,RH,RJ	550	1982->	4		0.7	D8EA	DR8EA
550	XT550,K	550	1982->1983	1		0.7	D7EA	DR7EA
550	XZ550	550	1982->1983	4		0.7	D8EA	DR8EA
550	XZ550RJ,RK	550	1982->	4		0.7	D8EA	DR8EA
600	FZ6	600	2011->	4		0.8	CR9EK	
600	FZ6 600	600	2004->2005	4		0.8	CR9EK	
600	FZR600R	600	1999->	4		0.8	CR9E	
600	FZS600 FAZER	600	1999->	4		0.8	CR8E	
600	TT600	600	1984->	1		0.7	D7EA	DR7EA
600	TT600	600	1986->	1		0.9	DP7EA-9	DPR7EA-9
600	TT600N	600	1983->1985	1		0.9	DP7EA-9	DPR7EA-9
600	TT600S	600	1986->	1		0.9	DP7EA-9	DPR7EA-9
600	XJ6 600	600	2009->	4		0.8	CR9E	
600	XT600E	600	1984->1993	1		0.9	DPR8EA-9	
600	YZF-R6	600	2013->	4		0.8	CR10EK	
600	YZF-R6 600	600	1999->2012	4		0.8	CR10EK	
600	YZF600	600	2001->	1		0.8	CR9E	
600	YZF600R	600	1995->2006	4		0.8	CR9E	
600	YZF600R	600	1999->2006	4		0.8	CR9E	
600	YZFR6 600	600	1999->2005	4		0.7	CR10EK	
650	XJ650 LJ TURBO	650	1982->	4		0.8	BPR7ES	



Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval
YAMAHA								**YAMAHA**
650	XJ650K,L	650	1980->1984	4		0.8	BPR7ES	
650	XVS650-A	650	2006->	2		0.9	DPR7EA-9	
660	MT 03	660	2006->	1		0.8	CR7E	
660	XT660 Z TENERE	660	2008->	1		0.8	CR7E	
660	XT660X	660	2006->	1		0.8	CR7E	
660	XT660X,R	660	2004->	1		0.8	CR7E	
750	FZ750N	750	1988->	4		0.9	DP8EA-9	DPR8EA-9
750	FZ750T	750	1985->1988	4		0.7	D8EA	DR8EA
750	FZR750R	750	1987->1989	4		0.9	DP8EA-9	DPR8EA-9
750	XJ750	750	1982->1984	4		0.8	BPR7ES	
750	XJ750K	750	1981->1983	4		0.8	BPR7ES	
750	XJ750MK,RK	750	1984->	4		0.8	BPR7ES	
750	XJ750RL	750	1984->	4		0.8	BPR7ES	
750	YZF750 R7	750	2000->	4		0.8	CR9E	
850	TDM850	850	1994->	1		0.9	DPR9EA-9	
900	XJ900	900	1983->1994	4		0.8	BPR7ES	
900	XJ900F	900	1983->1984	4		0.8	BPR7ES	
900	XJ900S DIV	900	1995->2004	4		0.9	DPR8EA-9	
900	XJ900S DIV	900	1995->2004	4		0.9	DPR8EA-9	
900	XJ900,K,RL,P,FN,N	900	1983->1994	4		0.8	BPR7ES	
950	XVS950A MIDNIGHT STAR	950	2009->	2		0.9	CPR8EA-9	
950	XVS950A MIDNIGHT STAR	950	2009->	2		0.9	CPR8EA-9	
1000	FZ1-S	1000	2011->	4		0.8	CR9EK	
1000	FZ1 1000	1000	2006->	4		0.8	CR9EK	
1000	FZR1000	1000	1987->1988	4		0.7	D8EA	DR8EA
1000	FZR1000	1000	1989->1993	4		0.8	DR8ESL	;
1000	FZR1000E	1000	1991->1996	4		0.7	DR8EA	
1000	FZS1000 FAZER	1000	2001->	4		0.8	CR9E	
1000	R1 YZF1000	1000	1998->	4		0.8	CR9E	
1000	R1 YZF1000	1000	2002->	4		1	CR9EIX	
1000	R1 YZF1000	1000	2002->2003	4		0.9	CR9EIA-9	
1000	R1 YZF1000	1000	2004->2005	4		0.8	CR9EK	
1000	R1 YZF1000	1000	2007->	4		0.8	CR9EK	
1000	R1 YZF1000	1000	2007->2008	4		0.8	CR9EK	
1000	R1 YZF1000	1000	2009->2012	4		0.8	LMAR9E-J	
1000	R1 YZF1000.	1000	2004->	4		0.8	CR9EK	
1000	YZF-R1	1000	2013->	4		0.7	LMAR9E-J	
1100	FJ1100	1100	1984->1985	4		0.9	DPR8EA-9	
1100	XS1100,E,H,S,SH,LH,RH	1100	1981->1984	2		0.8	BPR6ES	BP6ES
1100	XV1100	1100	2002->	2		0.8	BPR7ES	
1100	XVS1100	1100	2000->	4		0.8	BR7ES	
1100	XVS1100 V-STAR CLASSIC	1100	1999->2006	2		0.8	BPR7ES	
1200	FJ1200	1200	1986->1993	4		0.9	DP8EA-9	DPR8EA-9
1200	FJ1200S	1200	1984->1985	4		0.9	DP8EA-9	DPR8EA-9
1200	FJ1200T	1200	1986->1993	4		0.9	DP8EA-9	DPR8EA-9
1200	VMX1200 V-MAX	1200	1985->2006	4		0.9	DPR8EA-9	
1200	XT 1200 Z TENERE	1200	2010->	2		0.9	CPR8EB-9	
1300	FJR1300	1300	2001->2005	4		0.8	CR8E	
1300	FJR1300	1300	2013->	4		0.9	CPR8EA-9	
1300	FJR1300 A	1300	2009->	4		0.8	CR8E	
1300	V-STAR1300	1300	2007->	2		0.9	LMAR7A-9	
1300	XJR1300 SP	1300	1999->	4		0.9	DPR8EA-9	
1300	XVS 1300 A	1300	2007->	2		0.9	LMAR7A-9	
1300	XVZ13C ROYAL STAR MIDNIGHT ADVENTURE	1300	2005->2006	2		0.9	DPR8EA-9	
1300	XVZ13STD,TOURER	1300	2007->	2		0.9	DPR8EA-9	
1600	XV1600	1600	1999->	2		0.9	DPR7EA-9	
1700	1700 VMAX	1700	2009->2012	4		0.9	CR9EIA-9	
1700	XV1700 ROAD STAR	1700	2002->2005	2		0.9	DPR7EA-9	
1900	XV1900 ROADLINE	1900	2010->	2		0.9	DPR8EA-9	



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Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval
BAJAJ								**BAJAJ**
50	50 SPIRIT	50	1999->	1		0.8	B6HS	BR6HS
50	50 SUNNY	50	1996->	1		0.8	B6HS	BR6HS
125	125 CHETAK	125	1997->	1		0.8	BP5HS	
BIG BOY								**BIG BOY**
125	125 F35	125	2011->	1		0.8	C7HSA	CR7HSA
125	125 REVIVAL	125	2011->	1		0.8	C7HSA	CR7HSA
125	125 SPORTFLITE	125	2011->	1		0.8	C7HSA	CR7HSA
125	125 T32	125	2011->	1		0.8	C7HSA	CR7HSA
150	CARGO 150	150	2011->	1		0.8	C7HSA	CR7HSA
150	F35 150	150	2011->	1		0.8	C7HSA	CR7HSA
150	POWERFLITE 150	150	2011->	1		0.8	C7HSA	CR7HSA
150	RETRO 150	150	2011->	1		0.8	C7HSA	CR7HSA
150	REVIVAL 150	150	2011->	1		0.8	C7HSA	CR7HSA
150	SPORTFLITE 150	150	2011->	1		0.8	C7HSA	CR7HSA
150	T32 150	150	2011->	1		0.8	C7HSA	CR7HSA
150	VANTAGE 150	150	2011->	1		0.8	C7HSA	CR7HSA
150	X7 150	150	2011->	1		0.8	C7HSA	CR7HSA
250	CITIFLITE 250	250	2011->	1		0.8	C7HSA	CR7HSA
BMW								**BMW**
125	125	125	2000->	1		0.8	CR8EK	
200	C1 175	175	2001->	1		0.8	CR8EK	
GOMOTO								**GOMOTO**
125	BALLISTIC 125	125	2011->	1		0.8	C7HSA	CR7HSA
125	CITTI 125	125	2011->	1		0.8	C7HSA	CR7HSA
125	NIPPI 125	125	2011->	1		0.8	C7HSA	CR7HSA
125	NIPPI BALLISTIC 125	125	2011->	1		0.8	C7HSA	CR7HSA
125	URBAN 125	125	2011->	1		0.8	C7HSA	CR7HSA
125	YESTERDAY I 125	125	2011->	1		0.8	C7HSA	CR7HSA
150	BALLISTIC 150	150	2011->	1		0.8	C7HSA	CR7HSA
150	CITTI 150	150	2011->	1		0.8	C7HSA	CR7HSA
150	NIPPI 150	150	2011->	1		0.8	C7HSA	CR7HSA
150	NIPPI BALLISTIC 150	150	2011->	1		0.8	C7HSA	CR7HSA
150	URBAN BALLISTIC 150	150	2011->	1		0.8	C7HSA	CR7HSA
150	YESTERDAY SI 150	150	2011->	1		0.8	C7HSA	CR7HSA
HONDA								**HONDA**
50	F5A,E DIO FSE 50	50	1994->	1		0.8	B8HS	BR8HS
50	GS7E 50	50	1990->	1		0.7	BR4HS	
50	KA50A	50	1992->1993	1		0.8	BR6HS	
50	T5Q TACT 50	50	1990->1991	1		0.6	BP6HS	BPR6HS
100	100 LEAD	100	2008->	1		0.9	CR8EH-9	
100	100 LEAD SCV	100	2003->	1		0.8	CR6HSA	
125	125 S-WING	125	2007->	1		0.9	CR8EH-9	
125	ANF125 INNOVA	125	2007->	1		0.9	CPR6EA-9S	
125	L125S DIFA	125	2005->	1		0.6	BP6HS	BPR6HS
125	PCX 125	125	2010->	1		0.8	CPR8EA-9	
150	150 S- WING	150	2007->	1		0.9	CR8EH-9	
250	250 FORZA	250	2005->	1		0.9	DPR7EA-9	
250	250 FORZA X,EX	250	2009->	1		0.9	LMAR8AI-8	
300	SH 300	300	2007->	1		0.9	LMAR8AI-8	
400	SW-T 400	400	2009->	1		0.9	CR8EH-9	
JONWAY								**JONWAY**
110	SPIRIT 110	110	2011->	1		0.8	C7HSA	CR7HSA
125	ADVENTURE 125	125	2011->	1		0.8	C7HSA	CR7HSA
125	EL NINJO 125	125	2011->	1		0.8	C7HSA	CR7HSA
125	GALACTICA 125	125	2011->	1		0.8	C7HSA	CR7HSA
125	SPIRIT 125	125	2011->	1		0.8	C7HSA	CR7HSA
125	SPRAY 125	125	2011->	1		0.8	C7HSA	CR7HSA
125	VETERANO 125	125	2011->	1		0.8	C7HSA	CR7HSA
150	ADVENTURE 150	150	2011->	1		0.8	C7HSA	CR7HSA
150	EL NINJO 150	150	2011->	1		0.8	C7HSA	CR7HSA
150	GALACTICA 150	150	2011->	1		0.8	C7HSA	CR7HSA

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Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval
JONWAY								**JONWAY**
150	SPRAY 150	150	2011->	1		0.8	C7HSA	CR7HSA
150	VETERANO 150	150	2011->	1		0.8	C7HSA	CR7HSA
250	MASTER 250	250	2011->	1		0.8	D8EA	DR8EA
300	MASTER 300	300	2011->	1		0.8	D8EA	DR8EA
KYMCO					**KYMCO**			
125	SUPER 8 125	125	2008->	1		0.8	CR7HSA	
125	DOWNTIME 125	125	2009->	1		0.8	CR7E	
125	LIKE 125	125	2009->	1		0.8	CR7HSA	
150	AGILITY 150 R16	150	2008->	1		0.8	CR7HSA	
150	DINK 200 DD	150	2008->	1		0.9	DPR6EA-9	
200	DOWNTOWN 200	200	2009->	1		0.8	CR7E	
200	LIKE 200	200	2009->	1		0.8	CR7HSA	
300	DOWNTOWN 300	300	2009->	1		0.8	CR7E	
300	EXCITING 300	300	2009->	1		0.9	DPR6EA-9	
500	500 EXCITING	500	2009->	1		0.8	CR7E	
PGO								**PGO**
50	50 G-MAX	50	2004->	1		1	BPR7HS-10	
125	125 G-MAX	125	2005->	1		0.8	C7HSA	CR7HSA
150	150 T-REX	150	2003->	1		0.8	C7HSA	CR7HSA
PIAGGIO (VESPA)					**PIAGGIO (VESPA)**			
50	LX50 4T 4V	50	2010->	1		0.6	ER9EH	
90	BIG MAX 90	90	1994->	1		0.7	BP7HS	
90	PMX 90	90	1994->1995	1		0.7	BP7HS	
90	TORNADO 90	90	1992->1999	1		0.7	BP7HS	
110	PMX 110	110	1998->	1		0.7	BP7HS	
125	GTS SUPER 125	125	2010->	1		0.8	CR8EK	
125	T-REX 125	125	1995->1998	1		0.8	CR7HSA	
125	VESPA 125GT, 125GTR	125	1984->1989	1		0.6	B6HS	BR6HS
125	VESPA 125,P125X,SUPER	125	1982->1984	1		0.6	B6HS	BR6HS
150	VESPA 150E,S,X,SPRINT	150	2008->	1		0.6	B6HS	BR6HS
150	VESPA SUPER SPRINT VELOCE 150	150	2001->2004	1		0.6	B6HS	BR6HS
185	VESPA RALLY 180SS	185	1999->	1		0.5	B6ES	BR6ES
200	VESPA P200E, PX200E	200	2001->	1		0.5	B6ES	BR6ES
300	VESPA ET3 APECER-MP 300	300	1998->	1		0.7	B7HS	BR7HS
PUZEY								**PUZEY**
125	JET 125	125	2011->	1		0.8	C7HSA	CR7HSA
125	XOR 125	125	2011->	1		0.8	C7HSA	CR7HSA
150	CLASSIC 150	150	2011->	1		0.8	C7HSA	CR7HSA
SUZUKI								**SUZUKI**
100	FB100 ,G	100	1989->1995	1		0.7	C6HSA	CR6HSA
VUKA								**VUKA**
90	EL 90	90	2011->	1		0.8	C7HSA	CR7HSA
110	XL 110	110	2011->	1		0.8	C7HSA	CR7HSA
125	XRI 125	125	2011->	1		0.8	C7HSA	CR7HSA
150	XTI 150	150	2011->	1		0.8	C7HSA	CR7HSA
YAMAHA								**YAMAHA**
100	YQ100	100	2002->2006	1		0.8	BR8HS	
125	NXC125	125	2005->2012	1		0.8	CR7E	
125	XC125	125	1995->	1		0.8	CR7E	
125	XC125E	125	1990->	1		0.7	CR6HSA	
125	XC125S	125	1992->1996	1		0.7	C6HSA	CR6HSA
125	XC125SC	125	1985->2001	1		0.7	C6HSA	CR6HSA
125	XC125X	125	1992->1996	1		0.7	C6HSA	CR6HSA
125	XC125ZS	125	1985->2001	1		0.7	C6HSA	CR6HSA
125	XC125ZSC	125	1985->2001	1		0.7	C6HSA	CR6HSA
250	250 BLACK X-MAX	250	2009->	1		0.9	DPR8EA-9	
250	CP250 MORPHOUS	250	2006->	1		0.9	CPR8EA-9	
530	TMAX	530	2010->	1		0.8	CR7E	



MARINE

INBOARD

- DIESEL VEHICLE

Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval
BMW								**BMW**
130	G130-1					0.8	BPR6ES	BP6ES
130	G130-S					0.8	BPR6ES	BP6ES
190	B190					0.8	BPR5ES	BP5ES
190	G190-1					0.8	BPR5ES	BP5ES
190	G190-S					0.8	BPR5ES	BP5ES
220	B220					0.8	BPR5ES	BP5ES
220	G220-1					0.8	BPR5ES	BP5ES
220	G220-S					0.8	BPR5ES	BP5ES
800	G800					0.6	B6HS	BR6HS
CHRYSLER VOLVO								**CHRYSLER VOLVO**
110						0.7	B7HS	BR7HS
115						0.7	B7HS	BR7HS
120						0.7	B7HS	BR7HS
130						0.7	B7HS	BR7HS
165						0.7	B7HS	BR7HS
170						0.7	B7HS	BR7HS
MERCRUISER								**MERCRUISER**
110						0.8	BPR6ES	BP6ES
120					SER.NO.3825578	0.8	BPR6ES	BP6ES
120					SER.NO.3825579	0.8	BP6FS	BPR6FS
140	140-4				SER.NO.3826282	0.8	BPR6ES	BP6ES
140	140-4				SER.NO.3826283	0.8	BP6FS	BPR6FS
140	140-6					0.8	BPR6ES	BP6ES
150						0.8	BPR6ES	BP6ES
160						0.8	BPR6ES	BP6ES
165					SER.NO.2771483	0.8	BPR6ES	BP6ES
185						0.8	BP6FS	BPR6FS
190						0.7	B6S	
200						0.8	BPR6ES	BP6ES
215						0.8	AP6FS	APR6FS
225			2006->			0.8	BPR6FS	
225					SER.NO.2278646	0.8	B7S	
225					SER.NO.2278647->3385720	0.7	B6S	
225					SER.NO.3385721	0.8	AP6FS	APR6FS
228	TR					0.8	BR6FS	
228						0.8	BP6FS	BPR6FS
233	14MM HEADS					0.8	BP5FS	BPR5FS
233	18MM HEADS					0.8	AP6FS	APR6FS
250						0.8	BP6FS	BPR6FS
255					SER. NO.4175499	0.8	AP6FS	APR6FS
255					SER. NO.4175500	0.8	BP5FS	BPR5FS
260						0.8	BP6FS	BPR6FS
310						0.8	B7ES	BR7ES
325					SER. NO.3043030	0.8	BR6FS	
330	TR,TRS					0.8	BP6FS	BPR6FS
370						0.8	BP6FS	BPR6FS
400						0.8	BP6FS	BPR6FS
470						0.8	BP6FS	BPR6FS
NISSAN								**NISSAN**
110	HA110 H20					0.6	B5ES	
115	GA115 G20					0.6	B5ES	
135	GA135 G20					0.5	B6ES	BR6ES
145	HA145 H30					0.8	B7ES	BR7ES
170	HA170 H30					0.8	B7ES	BR7ES
190	YA190 Y44					0.8	BPR5ES	BP5ES
VOLVO-PENTA								**VOLVO-PENTA**
2	MB2					0.6	D6HS	DR6HS
10	MB10A					0.6	BP6HS	BPR6HS
16	MB16A					0.7	B6S	
20	MB20A					0.6	BP6HS	BPR6HS
20	MB20B					0.5	B4H	
20	MB20C					0.5	B4H	
125	AQ125A					0.8	BPR6ES	BP6ES
130	AQ130					0.8	BPR7ES	
150	AQ150					0.8	BP6S	
170	AQ170					0.7	BP7HS	
210	AQ210A				ENG. NO. 177314	0.7	B6S	
210	AQ210A				ENG. NO. 177315	0.8	BP6FS	BPR6FS
225	AQ225					0.8	BP6FS	BPR6FS



- DIESEL VEHICLE

Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval
AQUAJET								**AQUAJET**
1250	WX-1	1250	2001->2002			0.8	BR8ES	
ARCTCO								**ARCTCO**
640	TIGERSHARK TS640,MONTEGO,L	640				0.8	BR9ES	
770	TIGERSHARK TS770,DAYTONA,R,L	770				0.8	BR9ES	
1000	TIGERSHARK TS1000,DAYTONA,R,L	1000				0.8	BR9ES	
TIGERSHARK	MONTE CARLO	770				0.8	BR9ES	
ARCTIC CAT								**ARCTIC CAT**
TIGER SHARK	1000	1000	1998->			0.8	BR9EYA	
TIGER SHARK	770	770	1998->1999			0.8	BR9EYA	
TIGER SHARK	900	900	1999->			0.8	BR9EYA	
BOMBARDIER								**BOMBARDIER**
580	GTS	580	1992->1997			0.8	BR7ES	
580	SP	580	1991->1997			0.8	BR7ES	
580	SPI	580	1993->1997			0.8	BR7ES	
718	GTI	718	2004->2005			1.1	BR8ES-11	
718	HX	718	1995->1997			0.8	BR8ES	
718	SPX	718	1996->1997			0.8	BR8ES	
787	GSX787,GTX787	787				0.8	BR8ES	
800	XP	800				0.8	BR8ES	
947	GTX DI	947	2007->			1.1	ZFR5F-11	
950	XP DI STD	950	2004->			1.1	ZFR5F-11	
951	GTX	951	2000->2003			1.1	ZFR5F-11	
951	LRV DI	951	2002->2003			1.1	ZFR5F-11	
951	RX DI	951	2000->2003			1.1	ZFR5F-11	
1500	RXP,RXT	1500	2007->			0.8	DCPR8E	
1503	GTI 4 TEC	1503	2007->2008			0.8	DCPR8E	
5599,6115,6162,6163	BULLET	550	2004->			0.8	DCPR8E	
6135,614	GTI LE	718	2004->			0.8	BR8ES	
6137,614	GTI-RFI STD	782	2004->			0.8	BR8ES	
6141,614	GTX4-TEC LTD	1494	2004->			0.8	DCPR8E	
6147,615	GTX4 TEC STD	1494	2004->			0.8	DCPR8E	
6151,615	XP-DISTD	781	2004->			1.1	ZFR5F-11	
6157	BARRACUDA,PREMIUM	782	2004->			0.8	BR8ES	
6158	BARACUDA,PREMIUM	782	2004->			0.8	BR8ES	
GTI 6133,6134	STD,LE,RFI	720	2004->			0.6	BR8ES	
HONDA								**HONDA**
1200	AQUA TRAX F-12	1200	2002->	4		0.9	IMR9D-9H	
1200	ARX1200N2T2	1200	2004->2004	4		0.9	IMR9D-9H	
1200	ARX1200N3T3	1200	2002->2004	4		0.9	IMR9D-9H	
KAWASAKI								**KAWASAKI**
400	JS 400A	400	1974->1975			0.8	B8ES	BR8ES
550	JS, SX 550	550	1982->1995			0.8	BR8ES	
750	JS 750 SXI PRO	750	2003->			0.8	BR8ES	
750	JT750 SX1PRO	750	2003->			0.8	BR8ES	
800	JS 800SX-R	800	2003->			0.8	BR9ES	
800	SX R 800 JS 800A	800	2003->2008			0.8	BR8ES	
900	STX 900	900	2001->2006			0.8	BR9ES	
1100	STX 1100	1100	1997->1999			0.8	BR9ES	
1100	STX1100DI	1100	2002->			0.8	BR9ES	
1100	STX1100DI C1,F1	1100	2000->			0.8	PZFR7G-G	
1200	JH ULTRA 150	1200	2004->	4		0.8	BR9ES	
1200	STX 12F JT 1200B	1200	2003->2007			0.8	CR9EK	
1200	STX R JT1200C	1200	2004->2005			0.8	BR9ES	
1200	STX1200 12F	1200	2003->			0.8	CR9EK	
1200	STX1200F	1200	2004->			0.8	CR9EK	
1200	STX1200R	1200	2002->			0.8	BR9ES	
1300	130 DI		2001->2004			0.8	PZFR7G-G	
1500	JT1500 AEF	1500	2014->	4		0.8	CR9EB	
1500	STX	1500	2004->			0.8	CR9EK	
1500	STX-15F	1500	2004->2008			0.8	CR9EK	
1500	ULTRA LX JT1500C7F	1500	2007->2008			0.8	CR9EK	



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JETSKI

- DIESEL VEHICLE

Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval
POLARIS								**POLARIS**
700	VIRAGE	700	2000->2004			0.8	BPR8ES	
701	FREEDOM	701	2002->2004			0.8	BPR8ES	
701	VIRAGE	701	2000->2004			0.8	BR8ES	
750	MSX110	750	2004->			0.8	BCPR7E	
750	MSX150	750	2004->			0.8	BCPR7E	
750	MSX750	750	2004->			0.8	BCPR7E	
777	OCTANE	777	2002->2004			0.8	BR9ES	
777	OCTANE	777	2002->2004			0.8	BR9ES	
777	VIRAGE	777	2002->2004			1.1	IZFR6H-11	
1165	GENESIS	1165	1999->2004			0.8	PZFR6H	
1165	VIRAGE INJECTION	1165	2001->			0.8	PZFR6H	
1192	MX140 JET SKI	1192	2003->2004			0.8	PZFR6H	
610	BARRACUDA PREMIUM SP 6157/6158	610	2004->			0.8	B8ES	BR8ES
718	GTI 718LE,LE RFI	718	2003->			0.8	BR8ES	
720	GTI STD,LE,RFI	720	2004->			0.8	BR8ES	
947	GTX947DI	947	2000->			1.1	ZFR5F-11	
947	RX947	947	2000->			1.1	ZFR5F-11	
951	GTX951DI	951	2000->			1.1	ZFR5F-11	
951	RX951DI	951	2003->			1.1	ZFR5F-11	
951	XP951LTD DI	951	2004->			1.1	ZFR5F-11	
YAMAHA								**YAMAHA**
500	WJ500 WAVE JAMMER 500	500	1987->1990			1	BR7HS-10	
500	WR500 WAVE RUNNER 500	500	1987->1994			1	BR7HS-10	
650	SJ650 SUPER JET	650	1990->1994			1	BR8HS-10	
650	WR650 WAVE RUNNER 650	650	1990->1992			1	BR8HS-10	
650	WR650A WAVE RUNNER 650A	650	1990->1993			1	BR8HS-10	
700	MARINE JET FX,XJ,VN700	700	1995->1997			0.8	BR8HS	
700	SUPER JET SJ700	700	1998->			0.7	B7HS	BR7HS
700	WB700	700	1993->1996			1	BR8HS-10	
700	WRA WAVE RUNNER	700	1995->1997			0.8	BR8HS	
760	MARINE JET RA,GP760	760	1996->1999			0.8	BR8HS	
800	MARINE JET GP800	800	1998->			0.8	BR8HS	
800	WB800	800	1999->2002			0.8	BR8ES	
800	XL800	800	2000->			0.8	BR9ES	
800	XLT800	800	2002->			0.8	BR8ES	
1000	FX1000	1000	2003->			0.8	CR9EB	
1000	WAVE RUNNER 1000	1000	2002->2008			0.8	CR9EB	
1100	MARINE JET RA1100	1100	1995->1997			0.8	BR8HS	
1100	VX DELUXE	1100	2008->			0.8	CR9EB	
1100	VX SPORT VX1100CB	1100	2005->			0.8	CR9EB	
1100	VX1100G	1100	2008->			0.8	CR9EB	
1200	GP R	1200	2000->			1.1	BR8ES-11	
1200	GP1200	1200	2003->			1.1	BR8ES-11	
1200	MARINE JET GP1200	1200	2003->			0.8	BR8HS	
1200	XLT1200	1200	2001->			1.1	BR8ES-11	
1300	GPR1300	1300	2003->			1.1	BR8ES-11	
1300	WAVE RUNNER GP GP1300	1300	2003->2008			1.1	BR8ES-11	
1800	FX1800A-J	1800	2010->			1.1	LFR6A-11	
1800	FX1800J	1800	2010->			1.1	LFR6A-11	
1800	GX1800A-H	1800	2009->			0.8	LFR6A-11	
1800	GX1800H	1800	2009->			0.8	LFR6A-11	
	FZS1800		2013->	4	JF180RNCE	0.8	LFR7A	

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OUTBOARD



- DIESEL VEHICLE

Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval
BMW								**BMW**
130	130 HP				B130	0.8	BPR6ES	BP6ES
BRIGGS & STRATON								**BRIGGS & STRATON**
5	5.0 HP				OHV AIR COOLED	0.8	BKR5ES	
BRITISH SEAGULL								**BRITISH SEAGULL**
ALL MODELS			1955->1981			0.6	AB-6	
QB SERIES						0.8	B7ES	BR7ES
CARNITI								**CARNITI**
3.5	3.5 HP					0.5	B5HS	BR5HS
8	8 HP					0.5	B5HS	BR5HS
15	15 HP					0.8	B8HS	BR8HS
18	18 HP					0.8	B8HS	BR8HS
20	20 HP					0.6	B6HS	BR6HS
25	25 HP					0.5	B5HS	BR5HS
28	28 HP				OCN	0.8	B8HS	BR8HS
45	45 HP				S	0.8	B9HS	BR9HS
45	45 HP					0.8	B8HS	BR8HS
55	55 HP					0.8	B8HS	BR8HS
65	65 HP				S	0.8	B9HS	BR9HS
65	65 HP					0.8	B8HS	BR8HS
80	80 HP				S	0.8	B9HS	BR9HS
80	80 HP					0.8	B8HS	BR8HS
90	90 HP					0.8	B8HS	BR8HS
100	100 HP					0.8	B8HS	BR8HS
700	700 HP				SPORT	0.8	B8HS	BR8HS
850	850 HP				SPORT	0.8	B8HS	BR8HS
1000	1000 HP				SPORT	0.8	B8HS	BR8HS
CHRYSLER								**CHRYSLER**
3.5	3.5 HP		1980->1984			0.6	B6HS	BR6HS
4	4 HP		1976->1985			0.6	B6HS	BR6HS
6	6 HP		1978->1982			0.6	B6HS	BR6HS
7.5	7.5 HP		1978->1984			0.6	B6HS	BR6HS
8	8 HP		1978->			0.6	B6HS	BR6HS
9.9	9.9 HP		1979->1985			0.7	B7HS	BR7HS
10	10 HP		1974->1978			0.7	B7HS	BR7HS
12	12 HP		1979->			0.7	B7HS	BR7HS
15	15 HP		1974->1985			0.7	B7HS	BR7HS
20	20 HP		1979->1983			0.7	B7HS	BR7HS
25	25 HP		1973->1984			0.7	B7HS	BR7HS
30	30 HP		1979->1982			0.7	B7HS	BR7HS
35	35 HP		1968->1984			0.7	B7HS	BR7HS
45	45 HP		1968->1984			0.7	B7HS	BR7HS
45	45 HP		1971->1978		MAGNAPOWER	0	BUH	
50	50 HP		1981->		ECONOMATE	0.7	B7HS	BR7HS
50	50 HP		1982->1985			0.7	B7HS	BR7HS
55	55 HP		1969->1981		MAGNAPOWER	0	BUH	
65	65 HP		1977->1978		MAGNAPOWER	0	BUH	
70	70 HP		1979->		70 HP	0	BUH	
70	70 HP		1980->		SKIER 700	0	BUH	
75	75 HP		1974->1984		MAGNAPOWER	0	BUH	
85	85 HP		1978->1986		MAGNAPOWER	0	BUH	
90	100 HP		1983->1984		MAGNAPOWER	0	BUH	
100	100 HP		1980->1984		MAGNAPOWER	0	BUH	
105	105 HP		1982->1983		MAGNAPOWER	0	BUH	
115	115 HP		1978->1984		MAGNAPOWER	0	BUH	
125	125 HP		1981->1985		MAGNAPOWER	0	BUH	
140	140 HP		1978->1984		MAGNAPOWER	0	BUH	
EVINRUDE								**EVINRUDE**
1.6	1.6 HP				115-SD	1	B9HS-10	BR9HS-10
1.8	1.8 HP				140-SD	1	B9HS-10	BR9HS-10
2	2 HP		1975->1980			0.7	B6S	
2.6	2.6 HP				190-SD	1	B9HS-10	BR9HS-10



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OUTBOARD

- DIESEL VEHICLE

Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval
EVINRUDE								**EVINRUDE**
2.7	2.7 HP				L225-SD	1	B9HS-10	BR9HS-10
3.6	3.6 HP				L275-SD	1	B9HS-10	BR9HS-10
4	4 HP		1977->1980			1	B9HS-10	BR9HS-10
4	4 HP		1981->1986			0.6	B6HS	BR6HS
4	4 HP		1987->		CDI	1	B9HS-10	BR9HS-10
4	4 HP		1987->		MAG	0.6	B6HS	BR6HS
4.5	4.5 HP		1979->1983			1	B9HS-10	BR9HS-10
6	6 HP		1978->1979			0	BUHW-2	
6	6 HP		1984->1986			1	B9HS-10	BR9HS-10
7.5	7.5 HP		1980->1983			1	B9HS-10	BR9HS-10
8	8 HP		1984->1987			1	B9HS-10	BR9HS-10
9.9	9.9 HP		1978->1979			0	BUHW-2	
9.9	9.9 HP		1978->1983		SAIL DRIVE	1	B9HS-10	BR9HS-10
9.9	9.9 HP		1980->1987			1	B9HS-10	BR9HS-10
10	10 HP		1981->1982		COMMERCIAL	0	BUHW-2	
14	14 HP		1981->		COMMERCIAL	0	BUHW-2	
15	15 HP		1978->1979			0	BUHW-2	
15	15 HP		1980->1987			1	B9HS-10	BR9HS-10
15	15 HP		1981->1984		SAIL DRIVE	1	B9HS-10	BR9HS-10
20	20 HP		1985->1987			1	B9HS-10	BR9HS-10
25	25 HP		1978->1986			1	B9HS-10	BR9HS-10
25	25 HP		2003->2005			1	BPZ8HS-10	
25	25 HP		2009->		E25DEL	1.1	IZFR6F-11	
28	25 HP		1987->			1	B9HS-10	BR9HS-10
30	25 HP		1984->1986			1	B9HS-10	BR9HS-10
30	30 HP		2009->		E30DEL	1.1	IZFR6F-11	
30	30 HP		2009->		E30DPL	1.1	IZFR6F-11	
35	25 HP		1977->1987			1	B9HS-10	BR9HS-10
40	40 HP		1981->1987			1	B9HS-10	BR9HS-10
40	40 HP		1982->		COMMERCIAL	0.7	B7HS	BR7HS
40	40 HP		1982->			0.7	B7HS	BR7HS
40	40 HP		1984->1987		COMMERCIAL	0	BUHW-2	
40	40 HP		2004->2005			0.8	PZFR6H	
40	40 HP		2007->		E40DPLSUM	0.8	IZFR6N-E	
40	40 HP		2007->		E40DRLSUM	0.8	IZFR6N-E	
40	40 HP		2008->		E40DRLSCB	1.1	IZFR6F-11	
40	40 HP		2008->		E40DSLSCS	1.1	IZFR6F-11	
40	40 HP		2008->		E40DTLSCS	1.1	IZFR6F-11	
40	40 HP		2009->		E40DP	1.1	IZFR6F-11	
40	40 HP		2009->		E40DPLSEE	1.1	IZFR6F-11	
40	40 HP		2009->		E40DRLSEE	1.1	IZFR6F-11	
40	40 HP		2009->		E40DSLSEC	1.1	IZFR6F-11	
48	48 HP		1987->			1	B9HS-10	BR9HS-10
50	50 HP		1978->1983			1	B9HS-10	BR9HS-10
50	50 HP		2008->		E50DSLSCS	1.1	IZFR6F-11	ZFR6F-11
55	55 HP		1976->1983		COMMERCIAL	1	B9HS-10	BR9HS-10
55	55 HP		1982->		COMMERCIAL	1	B9HS-10	BR9HS-10
55	55 HP		1984->1985		COMMERCIAL	1	B9HS-10	BR9HS-10
55	55 HP		1986->		COMMERCIAL	0	BUHXW-1	
55	55 HP		1987->		COMMERCIAL	0	BUHW-2	
60	60 HP		1980->1985			1	B9HS-10	BR9HS-10
60	60 HP		2005->			0.8	PZFR6H	
65	65 HP		1984->1986		COMMERCIAL	1	B9HS-10	BR9HS-10
65	65 HP		1987->		COMMERCIAL	0	BUHW-2	
70	70 HP		1975->1987			1	B9HS-10	BR9HS-10
75	75 HP		1975->		HUSTLER	1	B9HS-10	BR9HS-10
75	75 HP		1976->1985			1	B9HS-10	BR9HS-10
75	75 HP		2001->2005			0.8	BKR5EK	
85	85 HP		1975->1980			1	B9HS-10	BR9HS-10
90	90 HP		1981->1987			1	B9HS-10	BR9HS-10
90	90 HP		2000->		V4 EFI	0.8	PZFR6H	
90	90 HP		2001->2005			0.8	BKR5EK	
100	100 HP		1979->1980			1	B9HS-10	BR9HS-10
100	100 HP		1984->		COMMERCIAL	0	BUHW	
100	100 HP		1985->1987		COMMERCIAL	0	BUHW-2	
100	100 HP		2004->2005			0.8	BKR5EK	
100	100 HP DI	100	2004->2005	4		0.8	PZFR6H	
110	110 HP		1986->1987			1	B9HS-10	BR9HS-10
115	115 HP		1975->1984			1	B9HS-10	BR9HS-10
115	115 HP		1985->			0	BUHW	
115	115 HP		2004->2005			0.8	BKR5EK	



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Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval
EVINRUDE								**EVINRUDE**
115	115 HP		2005->		E-TECH	0.8	IZFR5J	
120	120 HP		1985>1987			1	B9HS-10	BR9HS-10
125	125 HP		1990->		COMMERCIAL	1	B9HS-10	BR9HS-10
140	140 HP		1973->1984			0	BUHXW-1	
140	140 HP		1977->1979		140S	0	BUHXW-1	
140	140 HP		1985>1992			1	BR9HS-10	
150	150 HP		1978->1987			0	BUHXW-1	
150	150 HP		1988>1992			1	B9HS-10	BR9HS-10
155	155 HP		1978->1986		COMMERCIAL	0	BUHXW-1	
155	155 HP		1987->		COMMERCIAL	0	BUHW-2	
155	155 HP		1989->1992		COMMERCIAL	0	BUZ8H	
175	175 HP		1977->1987			0	BUHXW-1	
175	175 HP		1988>1992			1	B9HS-10	BR9HS-10
175	175 HP		2005->			0.8	IZFR5J	
185	185 HP		1984->1985		COMMERCIAL	0	BUHXW-1	
185	185 HP		1990->1992		COMMERCIAL	1	BR9HS-10	
200	200 HP		1976->1983			0	BUHXW-1	
200	200 HP		1986->1992			1	B9HS-10	BR9HS-10
200	200 HP		2005->		F MODEL	0.8	PZFR6H	
200	200 HP		2005->		F MODEL	0.8	PZFR6H	
200	200 HP		2005->		F MODEL	0.8	PZFR6H	
225	225 HP		1986->			1	B9HS-10	BR9HS-10
225	225 HP		2005->		F MODEL	0.8	PZFR6H	
235	235 HP		1978->1985			0	BUHXW-1	
250	250 HP		1991->1992			1	BR9HS-10	
250	250 HP		2005->		F MODEL	0.8	PZFR6H	
275	275 HP		1985->1988			1	BR9HS-10	
300	300 HP		1986->1992			1	B9HS-10	BR9HS-10
HONDA								**HONDA**
8	8 HP		2001->		BFP8D1	0.9	CR5EH-9	
9.9	9.9 HP		2001->		BFP9.9D1	0.9	CR5EH-9	
20	20 HP		2003->		BR20D	0.9	CR5EH-9	
20	20 HP				BF20	0.6	BMR4A	
25	25 HP		2004->		BF25D4	0.7	DR7EA	
30	30 HP		2004->		BF30D4	0.7	DR7EA	
30	30 HP				BF30	0.7	D8EA	DR8EA
30	30 HP				GB30	0.6	B6HS	BR6HS
40	40 HP		2008->		BF40D	0.8	DR7EB	
40	40 HP				GB40	0.6	B6HS	BR6HS
45	45 HP				B45	0.6	D6HS	DR6HS
50	50 HP		2008->		BF50D	0.8	DR7EB	
50	50 HP				BF50	0.7	DR7EA	
60	60 HP		2009->		BF60	0.9	LMAR6C-9	
60	60 HP		2009->		BF60A	0.9	LMAR6C-9	
60	60 HP		2009->		BFP60A	0.9	LMAR6C-9	
75	75 HP		2003->		BF75	0.7	DR7EA	
75	75 HP		2006->		BF75D	1.1	IZFR6K-11E	
75	75 HP				B75K	0.6	D6HS	DR6HS
75	75 HP				BF75A	0.7	DR7EA	
75	75 HP				BF75E	0.6	D6HS	DR6HS
100	100 HP				BF100A	0.6	D6HS	DR6HS
115	115 HP				BF115	0.8	ZFR7F	
125	125 HP	125	2002->2006	1		0.9	IMR9D-9H	
200	200 HP		2002->2012		BF200A	1.1	IZFR6F-11	ZFR6F-11
200	200 HP		2013->		BF200A	1.1	IZFR6K-11E	
225	225 HP		2002->2012		BF225A	1.1	IZFR6F-11	ZFR6F-11
225	225 HP		2013->		BF200A	1.1	IZFR6K-11E	
250	250 HP		2013->		BF250A	1.1	ZFR6K-11E	
JOHNSON								**JOHNSON**
1.5	1.5 HP		1986->1987			0.7	B6S	
1.6	1.6 HP				L115-SD	1	B9HS-10	BR9HS-10
1.8	1.8 HP				L140-SD	1	B9HS-10	BR9HS-10
2	2 HP		1971->1979		2R	0.7	B6S	
2	2 HP		1980->1985			0.7	B6S	
2.5	2.5 HP		1986->			1	B9HS-10	BR9HS-10
2.6	2.6 HP				L290-SD	1	B9HS-10	BR9HS-10
2.7	2.7 HP				L225-SD	1	B9HS-10	BR9HS-10



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Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval
JOHNSON								**JOHNSON**
3.5	3.5 HP		2001->2002			0.7	BPR6HS	
3.6	3.6 HP				L275-SD	1	B9HS-10	BR9HS-10
4	4 HP		1977->1980		R,RW	1	B9HS-10	BR9HS-10
4	4 HP		1985->1987			0.6	B6HS	BR6HS
4	4 HP		1986->1987		DEL	1	B9HS-10	BR9HS-10
4.5	4.5 HP		1979->1980			1	B9HS-10	BR9HS-10
6	6 HP		1977->1979			0	BUHW-2	
6	6 HP		1984->1987			1	B9HS-10	BR9HS-10
7.5	7.5 HP		1980->1983			1	B9HS-10	BR9HS-10
8	8 HP		1984->1986			1	B9HS-10	BR9HS-10
8	8 HP		2002->			0.7	DR5HS	
9.9	9.9 HP		1977->1979		E,R,SEL	0	BUHW-2	
9.9	9.9 HP		1980->1986			1	B9HS-10	BR9HS-10
10	10 HP		1981->1982		COMMERCIAL	0	BUHW-2	
10	10 HP		2006->2006			0.8	BR7HS	
14	14 HP		1981->1982		COMMERCIAL	0	BUHW-2	
15	15 HP		1977->1979		E,R	0	BUHW-2	
15	15 HP		1980->1987			1	B9HS-10	BR9HS-10
15	15 HP		2005->			0.8	BKR6E	
15	15 HP		2006->			0.8	BR7HS	
20	20 HP		1986->1987			1	B9HS-10	BR9HS-10
25	25 HP		1977->1979		E,R	0	BUHW-2	
25	25 HP		1980->1986			1	B9HS-10	BR9HS-10
25	25 HP		1985->1986		COMMERCIAL	1	B9HS-10	BR9HS-10
28	28 HP		1985->1987			1	B9HS-10	BR9HS-10
30	30 HP		1984->1987			1	B9HS-10	BR9HS-10
35	35 HP		1977->1979		E,R	0	BUHW-2	
35			1980->1987			1	B9HS-10	BR9HS-10
40	40 HP	815	2002->			0.7	DCPR7E	
40	40 HP		1981->		COMMERCIAL	1	B9HS-10	BR9HS-10
40	40 HP		1982->		COMMERCIAL	0.7	B7HS	BR7HS
40	40 HP		1984->1986		COMMERCIAL	0	BUHW-2	
40	40 HP		1985->1987		40 E	1	B9HS-10	BR9HS-10
40	40 HP		2005->			0.7	DCPR6E	
45	45 HP		1987->		COMMERCIAL	0	BUHW-2	
50	50 HP	815	2002->			0.7	DCPR7E	
50	50 HP		1971->1980			0	BUHW-2	
50	50 HP		1977->1979		R	1	B9HS-10	BR9HS-10
50	50 HP		1981->1987			1	B9HS-10	BR9HS-10
50	50 HP		2005->			0.7	DCPR6E	
55	55 HP		1976->1979		E	0	BUHW	
55	55 HP		1980->1983		COMMERCIAL	0	BUHW	
55	55 HP		1984->1987		COMMERCIAL	1	B9HS-10	BR9HS-10
55	55 HP		1986->2005		COM	0	BUHXW-1	
60	60 HP		1980->1987			1	B9HS-10	BR9HS-10
60	60 HP		2002->2005			0.8	BPR6ES	BP6ES
65	65 HP		1984->1987		COMMERCIAL HC	1	B9HS-10	BR9HS-10
65	65 HP		1986->		COMMERCIAL LC	0	BUHXW-1	
70	70 HP		1976->1979		EL	1	B9HS-10	BR9HS-10
70	70 HP		1980->1986			1	B9HS-10	BR9HS-10
70	70 HP		2002->2005			0.8	BPR6ES	BP6ES
75	75 HP		1976->1979		ER	1	B9HS-10	BR9HS-10
75	75 HP		1980->1987			1	B9HS-10	BR9HS-10
85	85 HP		1977->1978		ML,ETLR,TXLR	1	B9HS-10	BR9HS-10
85	85 HP		1979->1980		ML,TL,TX	1	B9HS-10	BR9HS-10
90	90 HP		1981->1987			1	B9HS-10	BR9HS-10
90	90 HP		2003->			0.8	BKR6E	
90	90 HP		2006->			1	BPZ8HS-10	
100	100 HP		1979->		ML,TLR,TXLR	1	B9HS-10	BR9HS-10
100	100 HP		1980->		COMMERCIAL	1	B9HS-10	BR9HS-10
100	100 HP		1984->1987		COMMERCIAL	0	BUHW-2	
110	110 HP		1986->1987			1	B9HS-10	BR9HS-10
115	115 HP		1974->1978		115ETL	1	B9HS-10	BR9HS-10
115	115 HP		1977->1979		115TXL	1	B9HS-10	BR9HS-10
115	115 HP		1978->1979		115ML	1	B9HS-10	BR9HS-10
115	115 HP		1979->		115TL	1	B9HS-10	BR9HS-10
115	115 HP		1980->1985			1	B9HS-10	BR9HS-10
115			2006->			1	BPZ8HS-10	
120	120 HP		1985->1987			1	B9HS-10	BR9HS-10
140	140 HP		1977->1979		ML,TL,TXL	0	BUHXW-1	
140	140 HP		1980->1984			0	BUHXW-1	

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Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval
JOHNSON								**JOHNSON**
140	140 HP		1985->1987			1	B9HS-10	BR9HS-10
140	140 HP		2003->2005			0.8	BKR6E	
150	150 HP		1978->1979		TL,TXL	0	BUHXW-1	
150	150 HP		1980->1986			0	BUHXW-1	
150	150 HP		1987->			0	BUHW-2	
150	150 HP		2003->2006			1	BPZ8HS-10	
155	155 HP		1984->1986		COMMERCIAL	0	BUHXW-1	
175	175 HP		1977->1980		TL,TXL	0	BUHXW-1	
175	175 HP		1977->1986			0	BUHXW-1	
175	175 HP		1987->			1	B9HS-10	BR9HS-10
185	185 HP		1984->1986		COMMERCIAL	0	BUHXW-1	
200	20 HP		1976->1980		TL,TXL	0	BUHXW-1	
200	200 HP		1981->1986			0	BUHXW-1	
200	200 HP		1987->			1	B9HS-10	BR9HS-10
225	225 HP		1986->			0	BUHXW-1	
225	225 HP		1987->			1	B9HS-10	BR9HS-10
235	235 HP		1978->1980		TL,TXL	0	BUHXW-1	
235	235 HP		1978->1985			0	BUHXW-1	
235	235 HP		1981->1984			0	BUHXW-1	
250	250 HP		1993->1991			1	BPZ8HS-10	
250	250 HP				LV6	0	BUZ8H	
275	275 HP		1985->1987			1	B9HS-10	BR9HS-10
300	300 HP		1983->1986			1	BPZ8HS-10	
300	300 HP		1994->1995			0.7	BPR6HS	
KONIG								**KONIG**
4	4 HP					0.6	B6HS	BR6HS
5	5 HP				14MM HEADS	0.5	B5HS	BR5HS
5	5 HP				18MM HEADS	0.6	AB-6	
6	6 HP					0.6	AB-6	
9	9 HP				14 MM HEADS	0.5	B5HS	BR5HS
9	9 HP				18MM HEADS	0.6	AB-6	
10	10 HP					0.7	B7HS	BR7HS
14	14 HP					0.5	B5HS	BR5HS
15	15 HP				14MM HEADS	0.6	B6HS	BR6HS
15	15 HP				18MM HEADS	0.6	AB-6	
18	18 HP				14MM HEADS	0.6	B6HS	BR6HS
18	18 HP				18MM HEADS	0.6	AB-6	
25	25 HP					0.6	B6HS	BR6HS
30	30 HP		1979->			0.6	B6HS	BR6HS
30	30 HP		1979->			0.7	B7HS	BR7HS
32	32 HP					0.6	B6HS	BR6HS
40	40 HP					0.6	B6HS	BR6HS
60	60 HP					0.7	B7HS	BR7HS
65	65 HP					0.7	BP7HS	
70	70 HP					0.7	B7HS	BR7HS
MARINER								**MARINER**
2	2 HP				2A646	0.5	B5HS	BR5HS
2	2 HP				2B6A1	0.5	B5HS	BR5HS
2.5	2.5 HP		1990->			0.6	BP6HS	BPR6HS
2.5	2.5 HP		1990->2002			1	BPR6HS-10	
3.3	3.3 HP		1993->			0.7	BPR6HS	
3.5	3.5 HP				642	0.7	B7HS	BR7HS
3.5	3.5 HP					0.7	B7HS	BR7HS
4	4 HP		1990->			1	BP7HS-10	BPR7HS-11
4	4 HP				4A6E0	0.7	B7HS	BR7HS
4	4.0 HP		1990->2002			1	BPR7HS-10	
4	4.0 HP		1990->2002			0.7	DCPR6E	
4	4.0 HP				4A6E0	0.7	B7HS	BR7HS
4.4	4.4 HP					1	BPR7HS-10	
5	5 HP		1990->			1	BP7HS-10	BPR7HS-11
5	5 HP		1990->2002			1	BPR7HS-10	
5	5 HP		1999->2002			0.7	DCPR6E	
5	5 HP				5B661	0.7	B7HS	BR7HS
5	5 HP				5C6E3	0.7	B7HS	BR7HS
6	6 HP		1992->2002			1	BP8H-N-10	
6	6 HP		2000->2002			0.7	DCPR6E	
8	8 HP		1993->2002			1	BP8H-N-10	



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Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval
MARINER								**MARINER**
8	8 HP				8A655/647	0.6	B6HS	BR6HS
8	8 HP				8B677	0.7	B7HS	BR7HS
8	8 HP				8C6G1	1	B7HS-10	BR7HS-10
9	9 HP		1999->2002		4 STROKE	0.9	DPR6EA-9	
9.9	9.9 HP				C682	0.7	B7HS	BR7HS
9.9	9.9 HP					1	B7HS-10	BR7HS-10
10	10 HP		1991->			1.5	BP8HS-15	
15	15 HP		1997->2002		MARATHON	1.5	BP8HS-15	
15	15 HP		1998->2002			0.9	DPR6EA-9	
15	15 HP				A,C684/651	0.7	B7HS	BR7HS
15	15 HP				C684-CDI	1	B7HS-10	BR7HS-10
15	15 HP				W662	0.7	B7HS	BR7HS
20	20 HP		1985->2002			1	BP8H-N-10	
20	20 HP				A653	0.6	B6HS	BR6HS
20	20 HP				C6A9	0.7	B7HS	BR7HS
25	25 HP		1993->2002		MARATHON	1	BP8H-N-10	
25	25 HP		1998->2002			0.9	DPR6EA-9	
25	25 HP				C,A695/648	0.7	B7HS	BR7HS
25	25 HP				W6A4	0.7	B7HS	BR7HS
28	28 HP					0.7	B7HS	BR7HS
30	30 HP		1995->2002		MARATHON	1	BP8H-N-10	
30	30 HP		1999->2002			0.9	DPR6EA-9	
30	30 HP		2000->			0.7	DCPR6E	
30	30 HP				MARATHON,A,W	0.7	B7HS	BR7HS
40	40 HP	747	2002->			0.7	DCPR7E	
40	40 HP	995	2000->			0.7	DCPR6E	
40	40 HP	995	2002->			0.7	DCPR7E	
40	40 HP		1995->2002	2	MARATHON	1	BP8H-N-10	
40	40 HP				A676A	0.8	B8HS	BR8HS
40	40 HP				C6E9	0.8	B8HS	BR8HS
40	40 HP				W67A,B	0.8	B8HS	BR8HS
45	45 HP					0	BUHW-2	
48	48 HP				W670	0.7	B7HS	BR7HS
50	50 HP		1990->			0	BUHW-2	
50	50 HP		1992->			0	BUZ8H	
50	50 HP		1995->2001			0.9	DPR6EA-9	
50	50 HP		2000->			0.7	DCPR6E	
50	50 HP					0	BUHW	
50	50 HP					0	BUHW-2	
55	55 HP				W556A3	0.8	B8HS	BR8HS
55	55 HP					1	B8HS-10	BR8HS-10
60	60 HP		1984->1990			0	BUZHW	
60	60 HP		1990->			0	BUHW-2	
60	60 HP		1992->			0	BUZ8H	
60	60 HP		2001->			0.9	DPR6EA-9	
60	60 HP		2002->		EFI	0.7	DCPR7E	
60	60 HP			3		0	BUHW	
60	60 HP					1	B8HS-10	BR8HS-10
60	60 HP					1	BPZ8H-N-10	
70	70 HP					0	BUHW	
75	75 HP		1991->2002		MARATHON	0	BUHW-2	
75	75 HP		2000->			1.1	LFR5A-11	
80	80 HP		1995->2001			1	BP8H-N-10	
80	80 HP					0	BUHW-2	
85	85 HP					0	BUHW-2	
90	90 HP		2000->			1.1	LFR5A-11	
90	90 HP					0	BUHW	
90	90 HP					0	BUHW-2	
100	100 HP				1988	0	BUHW	
115	115 HP		1989->2002			1	BP8H-N-10	
115	115 HP		2000->2002		OPTIMAX	1.1	PZFR5F-11	ZFR5F-11
115	115 HP					0	BUHW	
125	125 HP					1	BPZ8H-N-10	
135	135 HP		1998->2002		OPTIMAX	1.1	PZFR5F-11	ZFR5F-11
135	135 HP				MARATHON	0	BU8H	
140	140 HP					0	BUHW	
140	140 HP					0	BUZHW	
150	150 HP		1997->2002		OPTIMAX	1.1	PZFR5F-11	ZFR5F-11
150	150 HP		2000->		MAGNUM	1	BPR7HS-10	
150	150 HP		2000->		V6 EFI	1	BPZ8HS-10	
150	150 HP				A905890	0	BUHW	



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Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval
MARINER								**MARINER**
150	150 HP			A905891		0	BU8H	
175	175 HP		2000->	EFI		1	BPZ8HS-10	
175	175 HP		2000->	MAGNUM		1	BPR7HS-10	
175	175 HP			A918688		0	BUHW	
175	175 HP			A98686		0	BU8H	
200	200 HP		1997->1999			0	BU8H	
200	200 HP		1997->2002	OPTIMAX		1.1	PZFR5F-11	ZFR5F-11
200	200 HP		2000->			1	BPR7HS-10	
200	200 HP			A914498		0	BU8H	
200	200 HP			A94497		0	BUHW	
220	220 HP					0	BU8H	
225	225 HP		1998->2002	OPTIMAX		1.1	PZFR5F-11	ZFR5F-11
225	225 HP			OPTIMAX		1	BPZ8H-N-10	
225	225 HP					0	BU8H	
250	250 HP		1996->2001	MAGNUM		0.8	BR8HS	
250	250 HP					0	BU8H	
275	275 HP		1991->1994			0	BU8H	
MERCURY								**MERCURY**
2.2	2.2 HP		1984->1989			0.6	BP6HS	BPR6HS
2.2	2.2 HP					1	BPR6HS-10	
2.5	2.5 HP			4 STROKE		0.8	DCPR6E	
2.5	2.5 HP					0.7	BPR6HS	
3	3.0 HP					1	BPR6HS-10	
3.4	3.4 HP		1984->1986			0	BUHW	
3.4	3.4 HP		1987->1988			0	BU8H	
3.5	3.5 HP		1983->1985			0.7	BP7HS	
3.5	3.5 HP			4 STROKE		0.8	DCPR6E	
3.6	3.6 HP		1980->1981			0.7	BP7HS	
3.6	3.6 HP		1982->			0.7	BP7HS	
3.9	4 HP		1967->1968			0.5	B5HS	BR5HS
4	4 HP		1976->1979			0.6	B6HS	BR6HS
4	4 HP		1980->1989			0.7	BP7HS	
4	4 HP		1986->1987			0	BUHW-2	
4	4 HP		2007->	L4SC 4 STROKE		0.8	ILFR6G-E	
4	4.0 HP			4 STROKE		0.8	DCPR6E	
4.5	4.5 HP		1975->1985			0	BUHW-2	
5	5 HP		1988->1989			1	BP7HS-10	BPR7HS-11
5	5.0 HP			4 STROKE		0.8	DCPR6E	
6	6 HP		1986->			1	BP7HS-10	BPR7HS-11
6	6 HP		1987->1989			1	BP8HS-10	
6	6 HP		1993->1994			1	BPZ8H-N-10	
6	6 HP		2001->2006			1	BPZ8H-N-10	
6	6.0 HP			4 STROKE		0.8	DCPR6E	
7.5	7.5 HP		1975->1978			0	BUHW-2	
7.5	7.5 HP		1979->1985			1	B9HS-10	BR9HS-10
8	8 HP		1986->			1	BP7HS-10	BPR7HS-11
8	8 HP		1987->1989			1	BP8HS-10	
8	8 HP		1993->1994			1	BPZ8H-N-10	
8	8 HP		2001->2006			1	BPZ8H-N-10	
8	8 HP		2006->2006			0.7	DCPR6E	
8	8.0 HP			4 STROKE		0.8	DCPR6E	
9.8	9.8 HP		1975->1978			0	BUHW-2	
9.8	9.8 HP		1979->1985			1	B9HS-10	BR9HS-10
9.9	9.9 HP		1986->			1	BP7HS-10	BPR7HS-11
9.9	9.9 HP		1987->1989			1	BP8HS-10	
9.9	9.9 HP		1993->1994			1	BPZ8H-N-10	
9.9	9.9 HP		2001->2006			1	BPZ8HS-10	
9.9	9.9 HP		2006->			0.7	DCPR6E	
9.9	9.9 HP			4 STROKE		0.8	DCPR6E	
10	10 HP			SEAPRO		1.5	BP8HS-15	
15	15 HP		2001->2006			1	BPZ8HS-10	
15	15 HP			4 STROKE		0.8	DCPR6E	
15	15 HP					1	BP8HS-10	
18	18 HP		1980->1983			1	B9HS-10	BR9HS-10
18	18 HP		1984->1985	X		0	BUHW	
20	20 HP		1970->1980			0	BUHW-2	
20	20 HP		1986->1989			0	BUHW	
20	20 HP		1992->1994			1	BPZ8H-N-10	
20	20 HP		2001->2006			1	BPZ8H-N-10	



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Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval
MERCURY								**MERCURY**
20	20 HP				4 STROKE	0.8	DCPR6E	
25	25 HP		1980->1983			1	B8HS-10	BR8HS-10
25	25 HP		1984->1989		25XD	0	BUHW	
25	25 HP		1993->1994		SEAPRO	1	BPZ8H-N-10	
25	25 HP		2001->2006			1	BPZ8H-N-10	
25	25 HP		2006->			0.7	DCPR6E	
25	25 HP				4 STROKE	0.8	DCPR6E	
30	30 HP		2006->			0.7	DCPR7E	
30	30 HP				4 STROKE	0.8	DCPR6E	
30	30 HP					1	BPZ8H-N-10	
35	35 HP		1984->1989			0	BUHW	
40	40 HP		1979->1983			0	BUHW	
40	40 HP		2001->2006		BIG FOOT	0.9	DPR6EA-9	
40	40 HP		2001->2006		SEAPRO	1	BPZ8H-N-10	
40	40 HP		2006->			0.7	DCPR7E	
40	40 HP				4 STROKE	0.8	DCPR7E	
45	45 HP		1986->1989			0	BUHW-2	
45	45 HP				4 STROKE	0.9	DPR6EA-9	
50	50 HP		1976->1985			0	BUHW-2	
50	50 HP		1986->1988			0	BUHW	
50	50 HP		1993->1994			1	BPZ8H-N-10	
50	50 HP		2001->2006			1	BPZ8H-N-10	
50	50 HP		2006->			0.7	DCPR7E	
50	50 HP				4 STROKE	0.8	DCPR7E	
55	55 HP		1993->1994		SEAPRO	1	BPZ8H-N-10	
60	60 HP	60	2008->	1		0.8	LFR4A-E	
60	60 HP		1984->1989			0	BUHW	
60	60 HP		2001->2006			1	BPZ8H-N-10	
60	60 HP		2006->			0.7	DCPR7E	
60	60 HP				4 STROKE	0.8	DCPR7E	
70	70 HP		1979->1983			0	BUHW	
70	70 HP		1987->1989			0	BUHW-2	
75	75 HP	1596			4 STROKE	1.1	LFR5A-11	
75	75 HP		1984->1986			0	BUHW-2	
75	75 HP		2000->2006			1.1	LFR5A-11	
75	75 HP		2001->2006			0	BUZHW-2	
75	75 HP		2006->		OPTIMAX	0.8	IZFR5J	
75	75 HP				4 STROKE	0.8	LFR4A-E	
80	80 HP		78-83, 86-89			0	BUHW-2	
80	80 HP				4 STROKE	0.8	LFR4A-E	
85	85 HP		1977->			0	BUHW-2	
90	90 HP		1978->1986			0	BUHW	
90	90 HP		1987->1989			0	BUHW-2	
90	90 HP		2000->2006			1.1	LFR5A-11	
90	90 HP		2006->		OPTI MAX	0.8	IZFR5J	
90	90 HP				4 STROKE	0.8	LFR4A-E	
100	100 HP		1988->1989			0	BUHW	
100	100 HP		1991->1994			1	BPZ8H-N-10	
100	100 HP				4 STROKE	0.8	LFR4A-E	
115	115 HP	1741			4 STROKE	1.1	LFR6A-11	
115	115 HP		1970->1988			0	BUHW	
115	115 HP		1991->1994	4		1	BPZ8H-N-10	
115	115 HP		2001->2006		MFI4	1.1	LFR5A-11	
115	115 HP		2001->2006			1	BPZ8H-N-10	
115	115 HP		2006->		OPTIMAX	0.8	IZFR5J	
115	115 HP				4 STROKE	0.8	LFR4A-E	
125	125 HP		1994			1	BPZ8H-N-10	
125	125 HP		2001->2006			1	BPZ8H-N-10	
135	135 HP		1969->1989		V-135	0	BU8H	
135	135 HP		2003->2006		DFI6	0.8	IZFR5G	
135	135 HP		2006->		135 EFI 4 STROKE	0.8	ILFR6G-E	
135	135 HP		2006->		4 STROKE	0.8	ILFR6G-E	
135	135 HP VERADO				4 STROKE	0.8	ILFR6G-E	
140	140 HP		1978->1980			0	BUHW	
150	150 HP		1973->1984			0	BUHW	
150	150 HP		1985->1989		XR-4,V-150	0	BU8H	
150	150 HP		2000->2006		EFI6	1	BPZ8HS-10	
150	150 HP		2000->2006			1	BPZ8HS-10	
150	150 HP		2006->		EFI6 4 STROKE	0.8	ILFR6G-E	
150	150 HP				4 STROKE	0.8	ZFR5F-11	
150	150 HP				OPTIMAX	1.1	PZFR5F-11	ZFR5F-11



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Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval
MERCURY								**MERCURY**
150	150 HP VERADO				4 STROKE	0.8	ILFR6G-E	
175	175 HP		1976->1981			0	BUHW	
175	175 HP		1986->1989		V-175	0	BU8H	
175	175 HP		2003->2006		OPTIMAX	0.8	IZFR5G	
175	175 HP		2006->		175 EFI 4 STROKE	0.8	ILFR6G	
175	175 HP		2006->		EFI6 4 STROKE	0.8	ILFR6G	
175	175 HP VERADO				4 STROKE	0.8	ILFR6G-E	
200	200 HP		1978->1985			0	BUHW	
200	200 HP		1986->1989		V-200	0	BU8H	
200	200 HP		2000->			1	BPZ8HS-10	
200	200 HP		2000->2006		MF16	1	BPZ8HS-10	
200	200 HP		2006->		EFI6	0.8	BR8HS	
200	200 HP		2006->		EFI6 4 STROKE	0.8	ILFR6G	
200	200 HP				4 STROKE	0.8	ILFR6G	
200	200 HP				OPTIMAX	1.1	PZFR5F-11	ZFR5F-11
200	200 HP		2003->2006		OPTIMAX	0.8	IZFR5G	
200	200 HP VERADO				4 STROKE	0.8	ILFR6G-E	
220	220 HP		1987->1988		V-220	0	BU8H	
225	225 HP		1980->1981			0	BUHW	
225	225 HP		1994			1	BPZ8H-N-10	
225	225 HP		1994->1997			1	BPZ8H-N-10	
225	225 HP		1995->2006			0.8	BR8HS	
225	225 HP		2006->		OPTIMAX	0.8	IZFR5G	
225	225 HP		2006->			1.1	LFR5A-11	
225	225 HP				4 STROKE	1.1	LFR5A-11	
225	225 HP VERADO				4 STROKE	0.8	ILFR6G-E	
250	250 HP		2003->2006		OPTIMAX	0.7	IZFR6J	
250	250 HP		2006->		4 STROKE	0.8	ILFR6G-E	
250	250 HP					0	BU8H	
250	250 HP VERADO				4 STROKE	0.8	ILFR6G-E	
275	275 HP		2006->		4 STROKE	0.8	ILFR6G-E	
275	275 HP VERADO				4 STROKE	0.8	ILFR6G-E	
300	300 HP		1980->1983			0	BUHW	
300	300 HP VERADO				4 STROKE	0.8	ILFR6G-E	
350	350 HP VERADO				4 STROKE	0.8	ILFR6G-E	
NISSAN								**NISSAN**
3.5	3.5 HP		1997->2006		NS3.5A	1	BPR6HS-10	
3.5	3.5 HP				NS 3.5A	0.6	BP6HS	BPR6HS
4	4 HP		2000->2006		NSF4A	0.7	DCPR6E	
5	5 HP		1997->2006		NS5B	1	BPR7HS-10	
5	5 HP		1999->2006		NSF5A	0.7	DCPR6E	
5	5 HP				NS5B	0.7	BP7HS	
8	8 HP		1997->2006		NS8B	1	BPR7HS-10	
8	8 HP		2004->2006		NSF8A	0.7	DCPR6E	
9	9 HP				Y9	0.6	B6HS	BR6HS
9.9	9.9 HP		1997->2006		NS9.9B	1	BR7HS-10	
9.9	9.9 HP		2000->2006		NSF9.9A	0.7	DCPR6E	
9.9	9.9 HP				NS 9.9B	1	B7HS-10	BR7HS-10
12	12 HP		2004->2006		NS12C	1	BR7HS-10	
12	12 HP				NS12C C2	1	B7HS-10	BR7HS-10
12	12 HP				Y12	0.7	B7HS	BR7HS
15	15 HP		2004->2006		NS15B	1	BR7HS-10	
15	15 HP		2004->2006		NSF15A	0.7	DCPR6E	
15	15 HP				NS15BB2	1	B7HS-10	BR7HS-10
15	15 HP				Y15	0.7	B7HS	BR7HS
18	18 HP		2004->2006		NS18C	1	B7HS-10	BR7HS-10
18	18 HP		2004->2006		NSF18B	0.7	DCPR6E	
18	18 HP				NS18C C2	1	B7HS-10	BR7HS-10
25	25 HP		1997->2006		NS25C	1	BR7HS-10	
25	25 HP		2004->2006		NSF25A	0.7	DCPR6E	
25	25 HP				NS25C C2	1	B7HS-10	BR7HS-10
30	30 HP		1997->2006		NS30A	1	BR7HS-10	
30	30 HP		2004->2006		NSF30A4	0.7	DCPR6E	
30	30 HP				NS30A2 A3	1	B7HS-10	BR7HS-10
40	40 HP		1997->2006		NS40D	1	BR7HS-10	
40	40 HP		2004->2006		NS40C	1	BR7HS-10	
40	40 HP		2004->2006		NSD40ATLDI	1.1	ZFR6F-11	
40	40 HP		2004->2006		NSD40BTLDI	0.8	PZFR6H	
40	40 HP				NS40C	1	B7HS-10	BR7HS-10



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NISSAN								**NISSAN**
50	50 HP		1997->2006		NS50D	1	BR8HS-10	
50	50 HP		2004->2006		NSD50ATLDI	1.1	ZFR6F-11	
50	50 HP		2004->2006		NSD50BTLDI	0.8	PZFR6H	
50	50 HP		2004->2006		NSD50BTLDI	0.8	PZFR6H	
55	55 HP				NS55B	1	B8HS-10	BR8HS-10
60	60 HP		2004->2006		NS60B	1	B8HS-10	BR8HS-10
70	70 HP		2000->2006		NS70C	1	BR8HS-10	
70	70 HP		2004->2006		NS70B	1	B8HS-10	BR8HS-10
70	70 HP		2004->2006		NSD70ATLDI	1.1	ZFR6F-11	
70	70 HP		2004->2006		NSD70BTLDI	0.8	PZFR6H	
70	70 HP				NS70A A2	1	B8HS-10	BR8HS-10
90	90 HP		1997->2006		NS90A	1	BR8HS-10	
90	90 HP		2004->2006		NSD90ATLDI	1.1	ZFR6F-11	
120	120 HP		1997-2006->		NS120A	1	BR8HS-10	
140	140 HP		1997->2006		NS 140A2	1	BR8HS-10	
OPTIMAX								**OPTIMAX**
2.5	2.5 HP					0.9	DPR6EA-9	
4	4 HP					0.7	DCPR6E	
5	5 HP					0.7	DCPR6E	
8	8 HP					0.7	DCPR6E	
9.9	9.9 HP					0.7	DCPR6E	
50	50 HP					0.9	DPR6EA-9	
60	60 HP				EFI	0.7	DCPR7E	
60	60 HP					0.9	DPR6EA-9	
75	75 HP					1.1	LFR5A-11	
90	90 HP					1.1	LFR5A-11	
115	115 HP				EFI	1.1	LFR6A-11	
135	135 HP					0.8	IZFR5G	
150	150 HP					0.8	IZFR5G	
200	200 HP					0.8	IZFR5G	
225	225 HP					0.8	IZFR5G	
250	250 HP		2001->		250DFI	1.1	PZFR5F-11	ZFR5F-11
250	250 HP		2003->		250DFI	0.8	IZFR5G	
SUZUKI								**SUZUKI**
2	2 HP				DT2	0.5	B5HS	BR5HS
2.5	2.5 HP		2006->2009		DF2.5	0.8	CR6HSA	
3.5	3.5 HP				DT3.5	0.6	BP6HS	BPR6HS
4	4 HP		1985->		DT4	0.6	B6HS	BR6HS
4	4 HP		1986->		DT4	0.6	BP6HS	BPR6HS
4	4 HP		2003->2004		DF4	0.8	BPR6ES	BP6ES
5	5 HP				DT5	0.6	BP6HS	BPR6HS
5	5 HP				DT5W	0.6	BP6HS	BPR6HS
6	6 HP		1985->1986		DT6	0.6	B6HS	BR6HS
6	6 HP		1986->		DT6	0.6	BP6HS	BPR6HS
6	6 HP		1993->2002	2	DT6	0.8	BR6HS	
6	6 HP		2003->2004		DF6	0.8	BPR6ES	BP6ES
6	6 HP		2003->2004		DF6	0.8	BPR6ES	BP6ES
7	7 HP		1985->		DT7	0.6	B6HS	BR6HS
8	8 HP		2010->		DFAR	0.8	CR6E	
8	8 HP				DT8,C	0.6	BP6HS	BPR6HS
8	8.0 HP		2010->		DF8AR	0.8	CR6E	
9.9	9.9 HP		1979->1983		DT9.9	0.6	B6HS	BR6HS
9.9	9.9 HP		1986->		DT9.9C	0.7	B7HS	BR7HS
9.9	9.9 HP		1996->2004	2	DF9.9	0.7	DCPR6E	
15	15 HP		1983->		DT15	1	B7HS-10	BR7HS-10
15	15 HP		1983->		DT15E	1	B7HS-10	BR7HS-10
15	15 HP		1984->		DT15C	0.7	B7HS	BR7HS
15	15 HP		1984->		DT15E	0.7	B7HS	BR7HS
15	15 HP		1986->		DT15K	0.6	B6HS	BR6HS
15	15 HP		1996->2004	2	DF15	0.7	DCPR6E	
15	15 HP		1996->2004		DF152	0.7	DCPR6E	
16	16 GP				DT16	0.7	B7HS	BR7HS
16	16 HP				DT16P	0.7	B7HS	BR7HS
20	20 HP		1985->		DT20	0.7	B7HS	BR7HS
20	20 HP		1985->		DT20P	0.7	B7HS	BR7HS
20	20 HP		1986->		DT20	1	B7HS-10	BR7HS-10
25	25 HP		1986->		DT25E	1	B7HS-10	BR7HS-10



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Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval
SUZUKI								**SUZUKI**
25	25 HP		2000->2004	3	DF25	0.7	DCPR6E	
25	25 HP		2010->		DF25	0.8	CR6HSA	
25	25 HP				DT25	0.7	B7HS	BR7HS
28	28 HP				DT28	0.7	B7HS	BR7HS
30	30 HP		1983->1985		DT30	1	B7HS-10	BR7HS-10
30	30 HP		1986->		DT30C	1	B7HS-10	BR7HS-10
30	30 HP		2000->2004		DF303	0.7	DCPR6E	
40	40 HP		1999->2004	3	DF40	0.7	DCPR6E	
40	40 HP				DT40,C	0.8	B8HS	BR8HS
46	46 HP		2005->2008		DF46	0.8	BPR6ES	BP6ES
50	50 HP		1999->2004	3	DF50	0.7	DCPR6E	
50	50 HP				DF50	0.7	DCPR6E	
50	50 HP				DT50	0.8	B8HS	BR8HS
55	55 HP				DT55,C	1	B8HS-10	BR8HS-10
60	60 HP		1998->2004		DF60	0.8	BPR6ES	BP6ES
60	60 HP				DT60	1	B8HS-10	BR8HS-10
65	65 HP				DT65,C	0.8	B8HS	BR8HS
70	70 HP		1998->2004		DF70	0.8	BPR6ES	BP6ES
70	70 HP		2005->2007		DF70THL, TL	0.8	BPR6ES	BP6ES
70	70 HP		2009->2010		DF70A	0.8	DCPR6E	
75	75 HP		1985->		DT75	0.8	B8HS	BR8HS
75	75 HP		1985->		DT75C	0.8	B8HS	BR8HS
75	75 HP		1986->		DT75C	1	B8HS-10	BR8HS-10
80	80 HP		2009->2010		DF80A	0.8	DCPR6E	
85	85 HP				DT85,C	0.8	B8HS	BR8HS
90	90 HP		2001->2004		DF90	0.8	BKR6E	
90	90 HP		2009->2010		DF90A	0.8	DCPR6E	
99	99 HP		2010->		DF99A	0.8	CR6E	
100	100 HP				DT100C	1	BR8HCS-10	
115	115 HP		2001->2005		DF115	0.8	BKR6E	
115	115 HP				DT115/C	0.8	B8HS	BR8HS
140	140 HP		2002->2004		DF140	0.8	BKR6E	
140	140 HP				DT140/C	0.8	B8HS	BR8HS
150	150 HP		1987->2003		DT150	1	BR8HS-10	
150	150 HP				DT150	0.8	B8HS	BR8HS
150	150 HP				DT150C	1	B8HS-10	BR8HS-10
200	200 HP		2004->	6	DF200	0.8	BKR6EIX	
200	200 HP				DT200TC	1	B8HS-10	BR8HS-10
200	200 HP				DT200,C,S	1	B8HS-10	BR8HS-10
225	225 HP		1987->2003		DT225 V6	1	BR8HS-10	
225	225 HP		2004->2004		DF225 V6	0.8	BKR6E	
225	225 HP				DT225 EFI	1	B8HS-10	BR8HS-10
250	250 HP		2004->		DF250 V6	0.8	BKR6E	
TOHATSU								**TOHATSU**
2.5	2.5 HP				M2.5A	0.6	BP6HS	BPR6HS
3.5	3.5 HP		1985->		M3.5A	0.7	B7HS	BR7HS
3.5	3.5 HP		1986->		M3.5A	0.6	BP6HS	BPR6HS
5	5 HP				M5A2 S	0.7	B7HS	BR7HS
5	5 HP				M5B S	0.7	BP7HS	
5	5 HP				MFS5	0.8	DCPR6E	
8	8 HP				M8A	0.7	B7HS	BR7HS
9.8	9.8 HP				M9.8A	0.7	B7HS	BR7HS
9.9	9.9 HP				M9.9A	0.7	B7HS	BR7HS
9.9	9.9 HP				M9.9B	1	B7HS-10	BR7HS-10
9.9	9.9 HP					1	BR7HS-10	
12	12 HP				M12A	0.7	B7HS	BR7HS
12	12 HP				M12B	0.7	B7HS	BR7HS
12	12 HP				M12C	1	B7HS-10	BR7HS-10
15	15 HP				M15A	0.7	B7HS	BR7HS
15	15 HP				M15B	1	B7HS-10	BR7HS-10
15	15 HP				MFS15C	0.8	DCPR6E	
16	16 HP				M16A2	0.7	B7HS	BR7HS
18	18 HP		1982->1986		M18C	1	B7HS-10	BR7HS-10
18	18 HP				M18A	0.7	B7HS	BR7HS
20	20 HP				M20A2	0.7	B7HS	BR7HS
25	25 HP		1984->		M25B	0.7	B7HS	BR7HS
25	25 HP		1984->1986		M25C	1	B7HS-10	BR7HS-10
25	25 HP		1985->		M25B	1	B7HS-10	BR7HS-10
25	25 HP		1986->2006		M25C2	1	B7HS-10	BR7HS-10



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TOHATSU								**TOHATSU**
25	25 HP		2004->2006		MSF25A	0.7	DCPR6E	
25	25 HP				M25A2	0.7	B7HS	BR7HS
30	30 HP		1984->		M30A2	0.7	B7HS	BR7HS
30	30 HP		1985->		M30A	0.7	B7HS	BR7HS
30	30 HP		1985->		M30A2	1	B7HS-10	BR7HS-10
30	30 HP		1986->		M30A	1	B7HS-10	BR7HS-10
30	30 HP		2004->2006		M30A3	1	B7HS-10	BR7HS-10
30	30 HP		2004->2006		MSF30A	0.7	DCPR6E	
35	35 HP				M35B	0.7	BP7HS	
40	40 HP		1983->2006		M40C	1	B7HS-10	BR7HS-10
40	40 HP		1984->		M40C	0.7	BP7HS	
40	40 HP		1985->		M40C	1	B7HS-10	BR7HS-10
40	40 HP		2004->2006		MD40ATLDI	1.1	ZFR6F-11	
40	40 HP		2004->2006		MD40BTLDI	0.8	PZFR6H	
50	50 HP		2004->2006		M50C	1	B8HS-10	BR8HS-10
50	50 HP		2004->2006		MD50ATLDI	1.1	ZFR6F-11	
50	50 HP		2004->2006		MD50BTLDI	0.8	PZFR6H	
55	55 HP		2004->2006		M55B	1	B8HS-10	BR8HS-10
55	55 HP				M55A	1	B8HS-10	BR8HS-10
55	55 HP				M55B	1	B8HS-10	BR8HS-10
60	60 HP		1992->2006		M60B	1	B8HS-10	BR8HS-10
60	60 HP		2004->2006		M60A	1	B8HS-10	BR8HS-10
70	70 HP		2004->2006		M70A	1	B8HS-10	BR8HS-10
70	70 HP		2004->2006		MD70ATLDI	1.1	ZFR6F-11	
70	70 HP		2004->2006		MD70BTLDI	0.8	PZFR6H	
70	70 HP				M70A	1	B8HS-10	BR8HS-10
90	90 HP		1997->2006		M90A	1	BR8HS-10	
90	90 HP		2004->2006		MD90ATLDI	1.1	ZFR6F-11	
90	90 HP		2004->2006		MD90BTLDI	0.8	PZFR6H	
115	115 HP		2004->2006		M115A	1	B8HS-10	BR8HS-10
120	120 HP		2004->2006		M120A	1	B8HS-10	BR8HS-10
140	140 HP		1997->2006		M140A	1	BR8HS-10	
VOLVO-PENTA								**VOLVO-PENTA**
3.2	3.2 HP					0.7	B7HS	BR7HS
3.3	3.3 HP					0.7	B7HS	BR7HS
3.5	3.5 HP					0.7	B7HS	BR7HS
3.9	3.9 HP					0.7	B7HS	BR7HS
4	4 HP					0.7	B7HS	BR7HS
5	5 HP					0.7	B7HS	BR7HS
5	5 HP					0.7	B7HS	BR7HS
8	8 HP					0.5	B5HS	BR5HS
9	9 HP					0.5	B5HS	BR5HS
9.2	9.2 HP					0.7	B7HS	BR7HS
123	123 HP					0.7	B7HS	BR7HS
124	124 HP					0.7	B7HS	BR7HS
140	140 HP					0.5	B5HS	BR5HS
151	151 HP					0.5	B5HS	BR5HS
181	181 HP					0.5	B5HS	BR5HS
200	200 HP					0.8	B8HS	BR8HS
212	212 HP					0.5	B5HS	BR5HS
250	250 HP					0.7	BP7HS	
252	252 HP					0.7	BP7HS	
280	280 HP					0.8	B8HS	BR8HS
350	350 HP					0.8	B8HS	BR8HS
400	400 HP					0.8	B8HS	BR8HS
450	450 HP					0.8	B8HS	BR8HS
550	550 HP				X	0.8	B8HS	BR8HS
550	550 HP					0.8	B8HS	BR8HS
600	600 HP					0.8	B8HS	BR8HS
700	700 HP					0.8	B8HS	BR8HS
YAMAHA								**YAMAHA**
2	2 HP		1984->		B	0.5	B5HS	BR5HS
2	2 HP		1984->2002		2CMHS	0.8	B5HS	BR5HS
2	2 HP		1985->			0.7	B7HS	BR7HS
2	2 HP				A	0.6	B6HS	BR6HS
2.5	2.5 HP		2003->2005			0.7	BR6HS	
2.5	2.5 HP		2006->2010		F2.5MSH	0.8	BR6HS	



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Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval
YAMAHA								YAMAHA
3	3 HP		1990->	3AMHS		0.7	BR6HS	
3	3.0 HP		1988->2002			0.8	BR6HS	
3.5	3.5 HP			A		0.7	B7HS	BR7HS
3.5	3.5 HP			AC		0.7	B7HS	BR7HS
3.5	3.5 HP			AL		0.7	B7HS	BR7HS
4	4 HP		1999->2005	F8CMHL		0.7	BR6HS	
4	4 HP			A		0.7	B7HS	BR7HS
4	4 HP			ACS		0.7	B7HS	BR7HS
4	4 HP			AS		0.7	B7HS	BR7HS
4	4.0 HP		1999->2005			0.7	BR6HS	
5	5 HP		1984->	5CMHL		0.7	B7HS	BR7HS
5	5 HP		1985->2002	5CMHC		0.8	BR7HS	
5	5 HP			DPE		1	B7HS-10	BR7HS-10
6	6 HP		2001->2005			0.8	BR6HS	
6	6 HP		2006->2010	F6M,F6A		0.8	BR6HS	
6	6 HP			A		0.6	B6HS	BR6HS
6	6 HP			B		0.5	B5HS	BR5HS
7	7 HP			A		0.6	B6HS	BR6HS
8	8 HP		1986->2005	E8DMHL		1	BR7HS-10	
8	8 HP		2001->2005			0.8	BR6HS	
8	8 HP		2006->2010	8CMHL		1	BR7HS-10	
8	8 HP		2006->2010	8CMHS		1	BR7HS-10	
8	8 HP		2006->2010	8MSH		1	B7HS-10	BR7HS-10
8	8 HP		2006->2010	F8C, M		1	BR6HS	
8	8 HP		2006->2010	T8		1	BR6HS	
8	8 HP			A		0.6	B6HS	BR6HS
8	8 HP			B		0.7	B7HS	BR7HS
8	8 HP			BK		0.6	B6HS	BR6HS
8	8 HP			YEMS V8MTR 350 CUBIC INCH		0.8	BR6FS	
9	9 HP			A		0.6	B6HS	BR6HS
9.5	9.5 HP			A		0.7	B7HS	BR7HS
9.9	9.9 HP		1985->2004	F9.9FMHL		0.7	CR6HSA	
9.9	9.9 HP		1985->2004	F9.9FMHS		0.7	CR6HSA	
9.9	9.9 HP		1985->2004	FT9.9GEL		0.7	CR6HSA	
9.9	9.9 HP		2005->	F9.9		0.9	DPR6EA-9	
9.9	9.9 HP		2006->2010	9.9MSH		1	B7HS-10	BR7HS-10
9.9	9.9 HP		2006->2010	F9.9ELR2		0.9	DPR6EA-9	
9.9	9.9 HP		2006->2010	F9.9ELR,MLH		0.8	CR6HSA	
9.9	9.9 HP		2006->2010	F9.9F		1	BR6HS	
9.9	9.9 HP		2006->2010	F9.9MLH2		0.9	DPR6EA-9	
9.9	9.9 HP		2006->2010	F9.9MSH2		0.9	DPR6EA-9	
9.9	9.9 HP		2006->2010	T9.9ELH2		0.9	DPR6EA-9	
9.9	9.9 HP		2006->2010	T9.9ELH,ELR.EXH		0.8	CR6HSA	
9.9	9.9 HP		2006->2010	T9.9ELR2		0.9	DPR6EA-9	
9.9	9.9 HP		2006->2010	T9.9EXH2		0.9	DPR6EA-9	
9.9	9.9 HP			CPE CE C BE B		0.7	B7HS	BR7HS
9.9	9.9 HP			D		1	B7HS-10	BR7HS-10
9.9	9.9 HP			DE		1	B7HS-10	BR7HS-10
9.9	9.9 HP			DPE		1	B7HS-10	BR7HS-10
9.9	9.9 HP			DS		1	B7HS-10	BR7HS-10
9.9	9.9 HP			F9.9BM		0.7	C6HSA	CR6HSA
12	12 HP			A		0.7	B7HS	BR7HS
15	15 HP		1998->	F15CMHL		0.9	DPR6EA-9	
15	15 HP		1998->	F15CMHS		0.9	DPR6EA-9	
15	15 HP		2006->2010	15FMHL		1	BR7HS-10	
15	15 HP		2006->2010	15FMHS		1	BR7HS-10	
15	15 HP		2006->2010	15MSH		1	B7HS-10	BR7HS-10
15	15 HP		2006->2010	E15DMHL		1	BR7HS-10	
15	15 HP		2006->2010	F15C		0.9	DPR6EB-9	
15	15 HP		2006->2010	F15E,M,P		0.9	DPR6EA-9	
15	15 HP			A,B BE C CE CPE		0.7	B7HS	BR7HS
15	15 HP			E15 AK		0.6	B6HS	BR6HS
15			1998->2004	4 STROKE		0.9	DPR6EA-9	
20	20 HP		1999->	F20BMHS		0.9	DPR6EA-9	
20	20 HP		2006->2010	F20		0.9	DPR6EB-9	
20	20 HP			A,B,AE		0.6	B6HS	BR6HS
20	20 HP			BE		0.6	B6HS	BR6HS
20	20 HP			BMK		0.6	B6HS	BR6HS
20	20 HP			C,CE		0.7	B7HS	BR7HS
25	25 HP		1984->2005	E25BMHL		1	BR7HS-10	
25	25 HP		1990->	25N		1	BR7HS-10	



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Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval
YAMAHA								**YAMAHA**
25	25 HP		1998->2005		F25DEL	0.9	DPR6EA-9	
25	25 HP		1998->2005		F25DMHL	0.9	DPR6EA-9	
25	25 HP		1998->2005		F25DMHS	0.9	DPR6EA-9	
25	25 HP		2006->2010		25	1	B7HS-10	BR7HS-10
25	25 HP		2006->2010		25BMHL	1	BR7HS-10	
25	25 HP		2006->2010		25BMHS	1	BR7HS-10	
25	25 HP		2006->2010		F25E,M,T	0.9	DPR6EA-9	
25	25 HP		2006->2010		F25L,S	0.9	DPR6EB-9	
25	25 HP		2006->2010		T25LA	0.9	DPR6EB-9	
25	25 HP		2006->2010		T25TLR	0.9	DPR6EA-9	
25	25 HP				AE A AF B BE C	0.7	B7HS	BR7HS
25	25 HP				CE D DE	0.7	B7HS	BR7HS
25	25 HP				CMK DMS DM	0.7	B7HS	BR7HS
28	28 HP				A	0.7	B7HS	BR7HS
28	28 HP				AE	0.7	B7HS	BR7HS
30	30 HP		1987->2002		30HMHL	1	BR7HS-10	
30	30 HP		1987->2002		30HMHS	1	BR7HS-10	
30	30 HP		1987->2002		30HWL	1	BR7HS-10	
30	30 HP		2001->2005		F30	0.9	DPR6EA-9	
30	30 HP		2006->2010		F30TLR	0.9	DPR6EA-9	
30	30 HP				A	0.7	B7HS	BR7HS
30	30 HP				AE	0.7	B7HS	BR7HS
30	30 HP				AM	0.7	B7HS	BR7HS
30	30 HP				B	0.7	B7HS	BR7HS
30	30 HP				BM	0.7	B7HS	BR7HS
30	30 HP				D	1	B7HS-10	BR7HS-10
30	30 HP				DMS	1	B7HS-10	BR7HS-10
40	40 HP		1984->2005			1	B7HS-10	BR7HS-10
40	40 HP		1987->		40XMHL	1	BR7HS-10	
40	40 HP		1989->		40XWTL	1	BR7HS-10	
40	40 HP		1989->1997		E40XMHL	1	BR7HS-10	
40	40 HP		1992->		40XWL	1	BR7HS-10	
40	40 HP		2000->		F40FEHDL	0.9	DPR6EA-9	
40	40 HP		2000->2005		F40FEDL	0.9	DPR6EA-9	
40	40 HP		2000->2005		F40FETL	0.9	DPR6EA-9	
40	40 HP		2006->2010		40TLR	1	B7HS-10	BR7HS-10
40	40 HP		2006->2010		40XMHS	1	BR7HS-10	
40	40 HP		2006->2010		F40J,L	0.9	DPR6EB-9	
40	40 HP				AE	0.8	B8HS	BR8HS
40	40 HP				AM	0.8	B8HS	BR8HS
40	40 HP				AR	0.8	B8HS	BR8HS
40	40 HP				BE	0.8	B8HS	BR8HS
40	40 HP				BM	0.8	B8HS	BR8HS
40	40 HP				BR	0.8	B8HS	BR8HS
40	40 HP				C	0.8	B8HS	BR8HS
40	40 HP				CE	0.8	B8HS	BR8HS
40	40 HP				CM	0.8	B8HS	BR8HS
40	40 HP				D	0.8	B8HS	BR8HS
40	40 HP				DM DE DR F FE	0.8	B8HS	BR8HS
40	40 HP				F40C	0.9	DPR5EA-9	
40	40 HP				H	1	B7HS-10	BR7HS-10
40	40 HP				HMOS	1	B8HS-10	BR8HS-10
48	48 HP				A	0.7	B7HS	BR7HS
48	48 HP				B	0.7	B7HS	BR7HS
50	50 HP		1984->2005		50HMHOS	1	BR8HS-10	
50	50 HP		2005->		F50GETL	0.9	DPR6EB-9	
50	50 HP		2005->			0.9	DPR6EB-9	
50	50 HP		2006->2010		50HETOL	1	BR8HS-10	
50	50 HP		2006->2010		50TLR	1	B8HS-10	BR8HS-10
50	50 HP		2006->2010		F50TLR	0.9	DPR6EB-9	
50	50 HP		2006->2010		T50TLR	0.9	DPR6EB-9	
50	50 HP				C	0.8	B8HS	BR8HS
50	50 HP				CE	1	B8HS-10	BR8HS-10
50	50 HP				D	1	B8HS-10	BR8HS-10
50	50 HP				DROS	1	B8HS-10	BR8HS-10
50	50 HP				F50A,B	0.9	DPR6EA-9	
55	55 HP		1979->		AE	1	B8HS-10	BR8HS-10
55	55 HP		1989->1995		55BEDL	1	BR8HS-10	
55	55 HP		1989->1995		E55CMHL	1	BR8HS-10	
55	55 HP				AEM AE AM AW	0.8	B8HS	BR8HS
55	55 HP				BE	1	B8HS-10	BR8HS-10



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Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval
YAMAHA								YAMAHA
55	55 HP				BM BW	0.8	B8HS	BR8HS
60	60 HP		1978->		AE	0.8	B8HS	BR8HS
60	60 HP		1979->		AE	1	B8HS-10	BR8HS-10
60	60 HP		1995->		FT60DETL	0.9	DPR5EA-9	
60	60 HP		2001->2005		E60HMHDL	1	BR8HS-10	
60	60 HP		2001->2005			1	BR8HS-10	
60	60 HP		2002->		F60A 4 STR	0.9	DPR5EA-9	
60	60 HP		2005->		EFI	0.9	DPR6EB-9	
60	60 HP		2005->		F60 EFI	0.9	DPR6EB-9	
60	60 HP		2005->		T60	0.9	DPR6EB-9	
60	60 HP		2006->		FT60DET	0.9	DPR6EB-9	
60	60 HP		2006->2010		60FETOL	1	BR8HS-10	
60	60 HP		2006->2010		60TLR	1	B8HS-10	BR8HS-10
60	60 HP		2006->2010		F60TJR,TLR	0.9	DPR6EB-9	
60	60 HP		2006->2010		T60TLR	0.9	DPR6EB-9	
60	60 HP				B	1	B8HS-10	BR8HS-10
60	60 HP				BE	1	B8HS-10	BR8HS-10
60	60 HP				CE	1	B8HS-10	BR8HS-10
60	60 HP				CET	1	B8HS-10	BR8HS-10
60	60 HP				DE	1	B8HS-10	BR8HS-10
60	60 HP				F	1	B8HS-10	BR8HS-10
60	60 HP				FEOS	1	B8HS-10	BR8HS-10
60	60 HP				FT60B 4 STR	0.9	DPR5EA-9	
70	70 HP		1984->2010		70BETOL	1	BR8HS-10	
70	70 HP		2006->2010		70LTR	1	B8HS-10	BR8HS-10
70	70 HP		2010->		F70AETL	0.8	LKR7E	
70	70 HP		2010->		F70AETX	0.8	LKR7E	
70	70 HP		2010->		F70AE,TL	0.8	LKR7E	
70	70 HP				B	1	B8HS-10	BR8HS-10
70	70 HP				BEOL	1	B8HS-10	BR8HS-10
75	75 HP		1988->		75A	1	BR8HS-10	
75	75 HP		1994->1999		25AETL	1	BR8HS-10	
75	75 HP		2003->2005		F75	1.1	LFR5A-11	
75	75 HP		2006->2010		F75TLR	1.1	LFR5A-11	
75	75 HP				A	1	B8HS-10	BR8HS-10
75	75 HP				AE	1	B8HS-10	BR8HS-10
75	75 HP				AEM	0.8	B8HS	BR8HS
75	75 HP				AET	1	B8HS-10	BR8HS-10
75	75 HP				AM	0.8	B8HS	BR8HS
75	75 HP				AR	0.8	B8HS	BR8HS
80	80 HP		1999->		F80BETX 16V	1.1	LFR5A-11	
80	80 HP		1999 2002->		F80BETL 16V	1.1	LFR5A-11	
80	80 HP				A	1	B8HS-10	BR8HS-10
80	80 HP				AEOL	1	B8HS-10	BR8HS-10
85	85 HP	1140	1989->1996	3	85AEDC	1	BR8HS-10	
85	85 HP		1989->1996		85AETL	1	BR8HS-10	
85	85 HP		1990->		85AEDX	1	BR8HS-10	
85	85 HP		1990->		85AETX	1	BR8HS-10	
85	85 HP				AE	1	B8HS-10	BR8HS-10
85	85 HP				AET	1	B8HS-10	BR8HS-10
90	90 HP		2003->2005		F9	1.1	LFR5A-11	
90	90 HP		2006->		90AETOL	1	BR8HS-10	
90	90 HP		2006->		90AETOX	1	BR8HS-10	
90	90 HP		2006->2010		90TLR	1	B8HS-10	BR8HS-10
90	90 HP		2006->2010		F90TJR,TLR,TXR	1.1	LFR5A-11	
90	90 HP				A	1	B8HS-10	BR8HS-10
90	90 HP				AEOL	1	B8HS-10	BR8HS-10
100	100 HP		1999->2002		F100DETX 16V	1.1	LFR5A-11	
100	100 HP		2000->		F100BETL 16V	1.1	LFR5A-11	
100	100 HP		2000->		F100BETX 16V	1.1	LFR6A-11	
100	100 HP		2001->		F100DETL 16V	1.1	LFR5A-11	
115	115 HP		1990->		115C	1	BR8HS-10	
115	115 HP		2000->2005		F115 V4	1.1	LFR6A-11	
115	115 HP		2000->2005		V4	1.1	LFR6A-11	
115	115 HP		2000->2010		F115AETL 16V	1.1	LFR6A-11	
115	115 HP		2001->		F115AETX 16V	1.1	LFR6A-11	
115	115 HP		2001->		FL115AETX 16	1.1	LFR6A-11	
115	115 HP		2006->		115 CETOL	1	BR8HS-10	
115	115 HP		2006->2010		115TLR,TXR	1	BR8HS-10	
115	115 HP		2006->2010		E115AETL	1	BR8HS-10	
115	115 HP		2006->2010		E115AETX	1	BR8HS-10	



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Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval
YAMAHA								**YAMAHA**
115	115 HP		2006->2010		F115TJR,TLR,TXR	1.1	LFR6A-11	
115	115 HP		2006->2010		LF115TXR	1.1	LFR6A-11	
115	115 HP				115B	1	BR8HS-10	
115	115 HP				AE	1	B8HS-10	BR8HS-10
115	115 HP				AETOL BETO AET A	1	B8HS-10	BR8HS-10
125	125 HP				P125 A	0.6	B6HS	BR6HS
125	125 HP				P125 AG	0.6	B6HS	BR6HS
130	130 HP		1988->2004		V 4	1	BR8HS-10	
130	130 HP		1990->		130BETOL	1	BR9HS-10	
140	140 HP		1988->		140B	1	BR9HS-10	
140	140 HP				BETO	1	B8HS-10	BR8HS-10
150	150 HP		1986->		A	1	B8HS-10	BR8HS-10
150	150 HP		1988->		150A	1	BR8HS-10	
150	150 HP		1988->		L 150A	1	BR8HS-10	
150	150 HP		1990->		150C	1	BR8HS-10	
150	150 HP		1990->		L 150FETOX	1	BR8HS-10	
150	150 HP		2002->		Z150QETOL HPDI	1	BR8HS-10	
150	150 HP		2004->		F150AETL 16V	1.1	LFR6A-11	
150	150 HP		2004->		FL150AETX	1.1	LFR6A-11	
150	150 HP		2004->2005		F150	1.1	LFR5A-11	
150	150 HP		2004->2005		F150AETX	1.1	LFR5A-11	
150	150 HP		2004->2005		LF 150	1.1	LFR5A-11	
150	150 HP		2006->		150 FETOL	1	BR8HS-10	
150	150 HP		2006->		150 FETOX	1	BR8HS-10	
150	150 HP		2006->2010		150TXR	1	BR7HS-10	
150	150 HP		2006->2010		F150TJR	1.1	LFR5A-11	
150	150 HP		2006->2010		LF150TXR	1.1	LFR5A-11	
150	150 HP		2006->2010		LZ150TXR	0.8	BKR6EKU	
150	150 HP		2006->2010		V150TLR	1	BR7HS-10	
150	150 HP		2006->2010		VZ150TLR	0.8	BKR6EKU	
150	150 HP		2006->2010		Z150TXR	0.8	BKR6EKU	
150	150 HP				AETOL	1	B8HS-10	BR8HS-10
175	175 HP		2002->2005		VZ175	0.8	BKR7EKU	
175	175 HP		2006->2010		VZ175TLR	0.8	BKR7EKU	
175	175 HP		2006->2010		Z175TXR	0.8	BKR7EKU	
200	200 HP		1987->		200AETX	1	BR8HS-10	
200	200 HP		1987->1995		200AETL	1	BR8HS-10	
200	200 HP		1988->		200A	1	BR8HS-10	
200	200 HP		1990->		200B	1	BR8HS-10	
200	200 HP		1990->		L 200B	1	BR8HS-10	
200	200 HP		1999->		Z200PETOL HPDI	1	BR8HS-10	
200	200 HP		1999->2001		L200AETX	1	BR8HS-10	
200	200 HP		1999->2005		200FETOL	1	BR8HS-10	
200	200 HP		1999->2005		200FETOX	1	BR8HS-10	
200	200 HP		1999->2005		SX200	0.8	BR8HS	
200	200 HP		2000->2001		Z200TX	1.1	BKR7EIX	
200	200 HP		2000->2005		VX200	1	BR8HS-10	
200	200 HP		2002->		Z200 F1	0.8	BKR7EKU	
200	200 HP		2002->			1.1	LFR5A-11	
200	200 HP		2002->2005		F200BETX	1.1	LFR5A-11	
200	200 HP		2005->		L200 FETOX	1	BR8HS-10	
200	200 HP		2005->		VX200D	1	BR8HS-10	
200	200 HP		2006->2010		F200TXR	1.1	LFR5A-11	
200	200 HP		2006->2010		LF200TXR	1.1	LFR5A-11	
200	200 HP		2006->2010		LZ200TXR	0.8	BKR7EKU	
200	200 HP		2006->2010		Z200TLR,TXR	0.8	BKR7EKU	
200	200 HP		2008->		F250DETC	1.1	LFR6A-11	
200	200 HP				A	1	B8HS-10	BR8HS-10
200	200 HP				AETOL	1	B8HS-10	BR8HS-10
225	225 HP		1988->		225A	1	BR9HS-10	
225	225 HP		1990->		225B	1	BR9HS-10	
225	225 HP		1997->		Z225HETOL HPDI	1	BR9HS-10	
225	225 HP		2002->2005		F225DETC	1.1	LFR5A-11	
225	225 HP		2005->		F225AETU	1.1	LFR6A-11	
225	225 HP		2005->		FL225AETU	1.1	LFR6A-11	
225	225 HP		2006->		F225AETX	1.1	LFR6A-11	
225	225 HP		2006->		F225CETL 24V	1.1	LFR6A-11	
225	225 HP		2006->		FL225AETX	1.1	LFR6A-11	
225	225 HP		2006->2010		F225TLR	1.1	LFR6A-11	
225	225 HP		2006->2010		F225TUR,TXR	1.1	LFR5A-11	
225	225 HP		2006->2010		LF225TUR,TXR	1.1	LFR5A-11	

MARINE

OUTBOARD



- DIESEL VEHICLE

Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval
YAMAHA								**YAMAHA**
225	225 HP		2006->2010		VZ225HTLR,TLR	0.8	BKR6EKU	
225	225 HP				AETO	1	B8HS-10	BR8HS-10
250	250 HP		2003->		FL250AETX	1.1	LFR6A-11	
250	250 HP		2003->2005		F250AETX	1.1	LFR6A-11	
250	250 HP		2005->		F250AETU	1.1	LFR6A-11	
250	250 HP		2005->		F250CETL	1.1	LFR5A-11	
250	250 HP		2005->		FL250AETU	1.1	LFR6A-11	
250	250 HP		2006->		F250BETU	1.1	LFR6A-11	
250	250 HP		2006->		FL250BETU	1.1	LFR6A-11	
250	250 HP		2006->2010		F250BTUR,BTXR	1.1	LFR6A-11	
250	250 HP		2006->2010		F250TUR,TXR	1.1	LFR6A-11	
250	250 HP		2006->2010		LF250BTUR,BTXR	1.1	LFR6A-11	
250	250 HP		2006->2010		LZ250TUR,TXR	0.8	BKR6EKU	
250	250 HP		2006->2010		VZ250FTLR,TLR	0.8	BKR6EKU	
250	250 HP		2006->2010		Z250TUR,TXR	0.8	BKR6EKU	
300	300 HP	2300	2005->	6	AETO	0.8	BKR6EKU	
300	300 HP		2004->2005		VZ300	0.8	BKR6EKU	
300	300 HP		2006->2010		F300TUR,TXR	1.1	LFR6A-11	
300	300 HP		2006->2010		LF300TUR,TXR	1.1	LFR6A-11	
300	300 HP		2006->2010		LZ300TUR,TXR	0.8	BKR6EKU	
300	300 HP		2006->2010		VZ300BTLR,LTR	0.8	BKR6EKU	
300	300 HP		2006->2010		Z300TUR,TXR	0.8	BKR6EKU	
350	350 HP		2005->		F350AETU	1.1	LFR6A-11	
350	350 HP		2005->		FL350AETU	1.1	LFR6A-11	
350	350 HP		2006->2010		F350TUR,TXR	1.1	LFR6A-11	
350	350 HP		2006->2010		LF350TUR,TXR	1.1	LFR6A-11	
500	500 HP				WR	0.7	B7HS	BR7HS
500	500 HP				WR	0.7	B7HS	BR7HS



GARDEN EQUIPMENT

BLOWER

- DIESEL VEHICLE

Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval
HOMELITE								**HOMELITE**
25						0.7	BPMR7A	
RYOBI								**RYOBI**
280R 310BVR RGBV3100	BLOWER					0.7	BPM6F	
STIHL								**STIHL**
BG	45,55,65,85					0.7	BPMR7A	

GARDEN EQUIPMENT

BRUSH CUTTER



- DIESEL VEHICLE

Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval
DOLMAR								**DOLMAR**
BC212						0.8	BM6F	
BC250						0.7	BPM6F	
LT210						0.8	BM6F	
LT250						0.7	BMR7A	
MS250						0.7	BMR7A	
MS250-4						0.8	CMR6A	
MS30C						0.7	BPMR7A	
ECHO								**ECHO**
HC1500						0.7	BPM7Y	
HC2400						0.7	BPM7Y	
HC2410						0.7	BPM7Y	
HCA2400						0.7	BPM7Y	
HCR1500						0.7	BPM7Y	
GREEN MACHINE								**GREEN MACHINE**
1600	32					0.6	BM6A	BMR6A
1700	17					0.6	BM6A	BMR6A
HOMELITE								**HOMELITE**
BCH33,B,BCH40,BCH48	BRUSH CUTTER					0.6	BM6A	BMR6A
D830SB						0.6	BM6F	
HBC	30					0.6	BM6F	
HBC30,B	BRUSH CUTTER					0.7	BPMR7A	
HT17 HT21	HEDGE TRIMMER					0.7	BPMR7A	
HX16	HEDGE TRIMMER					0.7	BPMR7A	
PBC3800						0.6	BM6A	BMR6A
PBC4000						0.6	BM6A	BMR6A
ST	175G					0.6	BM6F	
ST	200					0.6	BM6F	
ST	210					0.6	BM6F	
ST155 ST385	BRUSH CUTTER					0.7	BPMR7A	
SX	135					0.6	BM6F	
TRIMLITE						0.6	BM6F	
HONDA								**HONDA**
STRING TRIMMER	TRIMMER					0.7	CMR5H	
UM21,UM2160,UM536,K1	BRUSH CUTTER					0.8	BPR5ES	BP5ES
UMK 431	D,J,L3E,LE,LEB,U3E,UE,UEB,L3E,U3E,UE,LT4					0.7	C5HSB	CR5HSB
UMK422	D,J,LNC,LNU,LT4,LTE,S,UE,UN4C,UNU,UT4E					0.7	C5HSB	CR5HSB
UMK422,UMK431	BRUSH CUTTER					0.7	C5HSB	CR5HSB
UMK425	BRUSH CUTTER					0.7	CMR5H	
UMK435	BRUSH CUTTER					0.7	CMR5H	
HUSQVARNA								**HUSQVARNA**
120L	BRUSH CUTTER					0.7	BMR7A	
132HBV	BRUSH CUTTER					0.7	BMR7A	
165R	RX					0.7	BPM7A	
16H,18H,24H,26H,26RJ	BRUSH CUTTER					0.7	BMR7A	
224R	RX					0.7	BPM7A	
225DR,RT - 232LR	BRUSH CUTTER					0.7	BMR7A	
232R						0.7	BPMR7A	
235R						0.7	BPMR7A	
235,24						0.7	BMR7A	
240R						0.7	BPMR7A	
244	RX					0.7	BPMR7A	
245,25						0.7	BMR7A	
250	RX					0.7	BPMR7A	
250R						0.7	BPMR7A	
265						0.7	BMR7A	
265RX						0.7	BPMR7A	
323L						0.7	BPMR7A	
323R						0.7	BPMR7A	
325CX						0.7	BPMR7A	
JONSEREDS								**JONSEREDS**
RS	45E					0.7	BM7F	
KAAZ								**KAAZ**
KAWASAKI	KT17J					0.7	BM7A	BMR7A
KAWASAKI	TD40					0.7	BM7A	BMR7A



GARDEN EQUIPMENT

BRUSH CUTTER

- DIESEL VEHICLE

Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval
KIORITZ (ECHO)								**KIORITZ (ECHO)**
GT-2010,GT-2200						0.7	BPM7A	
GT-2400						0.7	BPM7Y	
RM-310,RM-311						0.7	BPM7A	
RM-356						0.7	BPMR7A	
RMA-2530						0.7	BPMR7A	
SRA-2530						0.7	BPM7A	
SRM-140D						0.6	BM6A	BMR6A
SRM-1500						0.7	BPM7A	
SRM-2000						0.7	BPM7A	
SRM-2010						0.7	BPM7A	
SRM-2090						0.7	BPM7A	
SRM-2100						0.7	BPM7A	
SRM-2200						0.7	BPM7A	
SRM-2400						0.7	BPM7Y	
SRM-2450						0.7	BPM7Y	
SRM-2500						0.7	BPM7A	
SRM-250E						0.7	BPM7A	
SRM-2605						0.7	BPMR7A	
SRM-2655						0.7	BPMR7A	
SRM-3000						0.7	BPM7A	
SRM-300AE						0.6	BM6A	BMR6A
SRM-300E						0.6	BM6A	BMR6A
SRM-3010						0.7	BPM7A	
SRM-302BDX						0.6	BM6A	BMR6A
SRM-3100						0.7	BPM7A	
SRM-310,SRM310E						0.7	BPM7A	
SRM-3155						0.7	BPMR7A	
SRM-3400						0.7	BPM7A	
SRM-3600						0.7	BPMR7A	
SRM-3605						0.7	BPMR7A	
SRM-3800						0.7	BPMR7A	
SRM-400AE,E						0.7	BPM7A	
SRM-400BE						0.7	BPM7A	
SRM-400E						0.7	BPMR7A	
SRM-401						0.6	BM6A	BMR6A
SRM-402DE						0.7	BPM7A	
SRM-4600						0.7	BPMR7A	
SRM-501DE						0.6	BM6A	BMR6A
KOMATSU ZENOAH								**KOMATSU ZENOAH**
BC340	FWM					0.7	BPM6A	BPMR6A
BC430	FWM					0.7	BPM6A	BPMR6A
MAKITA								**MAKITA**
RBC220,221,230,250,251	BRUSH CUTTER					0.7	BM7A	BMR7A
RBC260,261	BRUSH CUTTER					0.7	BPM7A	
RBC310,311	BRUSH CUTTER					0.7	BM7A	BMR7A
RBC411	BRUSH CUTTER					0.7	BPM7A	
RBC520	BRUSH CUTTER					0.7	BM7A	BMR7A
RBK411	BRUSH CUTTER					0.7	BPM7A	
RST250	BRUSH CUTTER					0.7	BM7A	BMR7A
MCCULLOCH								**MCCULLOCH**
BP	38 AV					0.6	BM6A	BMR6A
SUP. MAC	38 AV					0.6	BM6A	BMR6A
PARTNER								**PARTNER**
B	440					0.7	BM7A	BMR7A
ROBIN								**ROBIN**
BH2500						0.8	CMR7A	
EC02				2 STROKE		0.7	BM7A	BMR7A
EC03				2 STROKE		0.7	B7HS	BR7HS
EC04				2 STROKE		0.7	B7HS	BR7HS
EC04				2 STROKE		0.8	B9ES	BR9ES
EC06				2 STROKE		0.6	B6HS	BR6HS
NB03	30					0.6	B6HS	BR6HS
NB04	40					0.6	B6HS	BR6HS

GARDEN EQUIPMENT

BRUSH CUTTER



- DIESEL VEHICLE

Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval
RYOBI								**RYOBI**
2075RC	TRIMMER	25				0.7	BPMR7A	
2090RC	TRIMMER	31				0.7	BPM6F	
310RT	TRIMMER	31				0.7	BPM6F	
330RB	TRIMMER	31				0.7	BPM6F	
340RB	TRIMMER	31				0.7	BPM6F	
700R,704R,704,RVP,705R	TRIMMER	31				0.7	BPM6F	
710R, 720R	TRIMMER	31				0.8	BM6F	
740R, 750R	TRIMMER	31				0.7	BPM6F	
780R	TRIMMER	31				0.7	BPM6F	
790R, 790PR	TRIMMER	31				0.7	BPM6F	
865R	TRIMMER	31				0.8	BM6F	
885R	TRIMMER	31				0.7	BPM6F	
RB2540	TRIMMER	25				0.7	BPMR7A	
SACHS - DOLMAR								**SACHS - DOLMAR**
BC	330					0.7	BPM6F	
BC	400					0.7	BPM6A	BPMR6A
SOLO								**SOLO**
105L						0.7	BPMR6A	
106B						0.7	BPMR6A	
106L						0.7	BPMR6A	
118, 119, 127, 130	TRIMMER					0.7	BPMR6A	
120, 121, 124, 126, 128	TRIMMER					0.7	BPMR7A	
123, 125	TRIMMER					0.6	BM6F	
129BTS						0.7	BPMR6A	
135 136	TRIMMER					0.6	BM6A	BMR6A
SOLO 40	T200					0.6	BM6A	BMR6A
SOLO 50	T240					0.6	BM6A	BMR6A
STIHL								**STIHL**
1106						0.7	BPM6A	BPMR6A
1106(8.5PS)						0.7	BPM7A	
1108, 1109(6.5PS)						0.7	BPM6A	BPMR6A
1111, 1112, 1113						0.7	BPM6A	BPMR6A
1401						0.6	AB-6	
4202						0.7	BPM6A	BPMR6A
BG60, HS60						0.7	BMR6A	
BG72						0.7	BPMR7A	
BR106, BR320, BR400						0.7	BPMR7A	
FC100						0.8	CMR6H	
FC110						0.8	CMR6H	
FS	160					0.7	BPMR7A	
FS	353					0.6	BM6A	BMR6A
FS	38					0.7	BMR6A	
FS	410					0.6	BM6A	BMR6A
FS	85					0.7	BPMR7A	
FS	86					0.6	BM6A	BMR6A
FS	90					0.6	BM6A	BMR6A
FS	96					0.6	BM6A	BMR6A
FS110						0.8	CMR6H	
FS80AVRE, FS90AVE						0.6	BM6A	BMR6A
FS80E, FS80RE, FS80AVE						0.6	BM6A	BMR6A
KM100R						0.8	CMR6H	
SR320, SR400						0.7	BPMR7A	
STILETTO								**STILETTO**
BRIGGS & STRATTON	2HP					0.6	BM6A	BMR6A



GARDEN EQUIPMENT

CHAINSAW

- DIESEL VEHICLE

Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval
AGWAY								**AGWAY**
75						0.6	BMR6A	
754						0.6	B7S	
PL14						0.8	BMR7A	
PL16	PL6					0.8	BMR7A	
PL5						0.8	BMR7A	
ALLIS CHALMERS								**ALLIS CHALMERS**
195						0.6	BMR6A	
295						0.6	BMR6A	
65						0.6	BM6A	BMR6A
75						0.6	BM6A	BMR6A
95						0.6	BM6A	BMR6A
ALPINA								**ALPINA**
0-70				1		0.7	BPM6A	BPMR6A
0-70, 0-70S						0.7	BPM6A	BPMR6A
160 GREEN						0.6	BM6A	BMR6A
200 PROF						0.7	B6S	
A-35, A-40, A-90						0.7	BPM6A	BPMR6A
FOREST 120						0.7	BPM6A	BPMR6A
MS540I, 600I						0.7	BPM6A	BPMR6A
MS, P34, P400, P450						0.7	BPMR7A	
PRO	45, 55, 65			1		0.7	BPM6A	BPMR6A
PROF 34						0.7	BPM7A	
PROF 90, 120						0.7	BPM6A	BPMR6A
DAYTON								**DAYTON**
2Z-461, 462, 463, 463B						0.6	BM6A	BMR6A
2Z-573, 760 ,970 ,970B						0.6	BM6A	BMR6A
2Z-971						0.6	BM6A	BMR6A
4Z-022, 023, 023B, 109C						0.6	BM6A	BMR6A
4Z-251A						0.7	BPM6A	BPMR6A
4Z-252						0.7	BM7A	BMR7A
DOLMAR								**DOLMAR**
100, 100SUPER						0.7	BPM6F	
101, 103, 104						0.7	BMR6A	
102						0.7	BPM6F	
105						0.6	BM6A	BMR6A
106						0.7	BMR6A	
108						0.6	BM6A	BMR6A
109						0.7	BPMR7A	
1 101 986.60						0.7	BPM6F	
1 101 986.70						0.7	BPMR7A	
110I						0.7	BPMR7A	
111						0.7	BPMR7A	
112						0.7	BPM6A	BPMR6A
112 SUPER						0.7	BPMR7A	
113 ,113SUPER						0.7	BPMR7A	
114						0.7	BPM7A	
115, 115I						0.7	BPMR7A	
116 SI						0.7	BPMR7A	
117						0.7	BPM7A	
118S, 119						0.7	BPM7A	
120S 1987.2						0.7	BPMR7A	
121						0.7	BPMR7A	
122, 122S, 122SL						0.7	BM7A	BMR7A
123						0.7	BPMR7A	
128KMS4						0.7	BM7A	BMR7A
133, 133S						0.7	BPMR7A	
143						0.7	BPMR7A	
152						0.6	BM6A	BMR6A
153						0.7	BPMR7A	
160, 166 ,309, 310 ,343						0.7	BPMR7A	
308						0.7	BPM7A	
309						0.7	BPMR6A	
343						0.7	BPMR6A	
PS-33						0.7	BPM6F	
PS-340, 341, 400, 401						0.7	BPM6F	
PS-410 33						0.7	BPM6F	
PS-411 33						0.7	BPM6F	

GARDEN EQUIPMENT

CHAINSAW



- DIESEL VEHICLE

Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval
DOLMAR								**DOLMAR**
PS-6000I, 6000IH						0.7	BPMR7A	
PS-6800I, 6800IH						0.7	BPMR7A	
PS-9000						0.7	BPMR7A	
S6000						0.7	BPMR7A	
ECHO								**ECHO**
CS-100						0.7	B7S	
CS-1001VL						0.7	BMR6A	
CS-1200						0.7	BPM7A	
CS-1200VLS						0.7	BPMR7A	
CS-200E						0.7	BM6A	BMR6A
CS-2600						0.7	BPMR7A	
CS-2700ES						0.7	BPMR7A	
CS-2800						0.7	BPM7A	
CS-280E						0.7	BPM6A	BPMR6A
CS-280EG						0.7	BMR6A	
CS-280EVL						0.7	BMR6A	
CS-285EVL						0.7	BMR6A	
CS-2900						0.7	BPM7A	
CS-290EVL						0.7	BMR6A	
CS-3000						0.7	BPM7A	
CS-3000						0.7	BPM7Y	
CS-300EVL						0.7	BPMR6A	
CS-302						0.7	BM6A	BMR6A
CS-302S						0.7	BM6A	BMR6A
CS-304VL						0.7	BM6A	BMR6A
CS-3050					30.1	0.6	BPM7A	
CS-30EVL						0.7	BMR6A	
CS-315						0.7	BM6A	BMR6A
CS-320EVL						0.7	BMR6A	
CS-330EVL						0.7	BMR6A	
CS-332						0.7	BPMR7A	
CS-332EV						0.7	BPM7A	
CS-3400						0.7	BPM7A	
CS-3400						0.7	BPM7Y	
CS-3450						0.8	BPMR7A	
CS-3500						0.7	BPMR7A	
CS-351VL						0.7	BMR6A	
CS-3600						0.7	BPM7A	
CS-360EVL						0.7	BPM6A	BPMR6A
CS-3900						0.7	BPM6A	BPMR6A
CS-4000						0.7	BPM7A	
CS-4000						0.7	BPMR7A	
CS-4000EVLP						0.7	BPMR7A	
CS-400EVL						0.7	BPM6A	BPMR6A
CS-4200						0.7	BPMR7A	
CS-4400						0.7	BPM7A	
CS-4400						0.7	BPM7A	
CS-440EVL						0.7	BPMR7A	
CS-4500						0.7	BPM7A	
CS-451VL						0.7	BMR6A	
CS-4600						0.7	BPM7A	
CS-4601						0.7	BPM7A	
CS-5000						0.7	BPM7A	
CS-500VL						0.7	BPMR6A	
CS-510		50		1		0.8	BPM7A	
CS-5100						0.7	BPMR7A	
CS-510EVL						0.7	BPMR7A	
CS-5500						0.7	BPM7A	
CS-5501						0.7	BPM7A	
CS-600						0.7	BMR6A	
CS-601						0.7	BMR6A	
CS-602VL						0.7	BPMR7A	
CS-60S						0.7	BMR6A	
CS-650VL						0.7	BPMR7A	
CS-660EVL						0.7	BPMR7A	
CS-6700						0.7	BPM7A	
CS-6701						0.7	BPM7A	
CS-6702						0.7	BPM7A	
CS-701VL						0.7	BMR6A	
CS-702VL						0.7	BPMR7A	



GARDEN EQUIPMENT

CHAINSAW

- DIESEL VEHICLE

Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval
ECHO								**ECHO**
CS-750VL						0.7	BPMR7A	
CS-8000						0.7	BPM7A	
CS-8001						0.7	BPM7A	
CS-80Z						0.7	BM6A	BMR6A
CS-900EVL						0.7	BPMR7A	
CS350TES						0.8	BPM7A	
CS8002						0.6	BPMR7A	
CSB-280						0.7	BMR6A	
CSB-330EVL						0.7	BMR6A	
HC-1000						0.7	BM6A	BMR6A
HC-1500						0.7	BM6A	BMR6A
HC-160						0.7	BM6A	BMR6A
HC-210						0.7	BM6A	BMR6A
QV-6700						0.7	BPMR7A	
QV-8000						0.7	BPMR7A	
S-290						0.7	BM6A	BMR6A
HOMELITE								**HOMELITE**
150						0.6	BM6F	
190						0.6	BM6F	
360	SL					0.7	BPM6F	
410	SL					0.7	BPM6F	
550	SL					0.7	BM7F	
1000						0.7	BPMR7A	
1050						0.7	BM7A	BMR7A
1050, 1130G, 2100S, 3100G						0.7	BM7A	BMR7A
135, 650, 750						0.7	BM7A	BMR7A
150, 190						0.6	BM6F	
205, 252						0.7	BPMR7A	
240						0.6	BM6F	
240SL, 330SL, 360SL						0.7	BPM6F	
240, 245HG,SL, 410, 540						0.8	BM6F	
290, 340						0.7	BPMR7A	
410SL						0.7	BPM6F	
550SL						0.7	BM7F	
750W						0.7	BM7A	BMR7A
8800						0.7	BPM7Y	
C72						0.7	B6S	
DM-20						0.7	BM7A	BMR7A
DM-40						0.7	BPM6F	
DM-50						0.7	BM7F	
DM-54						0.7	BPM6F	
I3350B, I3850B						0.7	BPMR7A	
SUPER	1050					0.7	BM7F	
SUPER	1130G					0.7	BM7F	
SUPER	2100					0.7	BM7F	
SUPER	XL-AO					0.7	BM7A	BMR7A
SUPER	XL925					0.7	BM7A	BMR7A
SUPER 1050, 1130G, 2100						0.7	BM7F	
SUPER 2						0.6	BM6F	
SUPER 2						0.6	BM6F	
SUPER EZ-AO						0.7	BM7F	
SUPER WIZ 55, 66 ,80						0.7	B6S	
SUPER XL-AO XL925						0.7	BM7A	BMR7A
SXL-922SL						0.7	BMR7A	
SXL MINI AO						0.7	BM7F	
V1	944					0.7	BM7A	BMR7A
V1	955					0.7	BM7A	BMR7A
V1-130SL						0.7	B6S	
V1-944, V1-955						0.7	BM7A	BMR7A
V1-SUPER2, SUPER2SL						0.6	BM6F	
XL	25					0.6	BM6F	
XL-1 AO						0.7	BM7F	
XL AO						0.7	BMR7A	
XL MINI,AUTO						0.7	BM7F	
XL XL-2						0.6	BM6F	
XL100A						0.6	BM6A	BMR6A
XL12						0.6	BM6A	BMR6A
XL123, XL600F, XL923, XL923A						0.7	BM7A	BMR7A
XL76						0.7	B6S	
XL98A						0.7	BM7A	BMR7A

CHAINSAW



- DIESEL VEHICLE

Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval
HOMELITE								**HOMELITE**
XLBC-4	BRUSH CUTTER					0.7	BM7A	BMR7A
HONDA								**HONDA**
ATC90						0.7	D8HS	
HUSQVARNA								**HUSQVARNA**
163	S					0.7	BPM6A	BPMR6A
165	R					0.7	BPM6A	BPMR6A
180	S					0.7	BPM6A	BPMR6A
185	CD					0.7	BM7A	BMR7A
244	R					0.7	BPM6A	BPMR6A
260	CD					0.7	BPM6A	BPMR6A
266	SE,SG,XP					0.7	BPM6A	BPMR6A
281	XP					0.7	BPM6A	BPMR6A
133SE, 133SG						0.7	BM7A	BMR7A
140						0.7	BPM7A	
140R, 140S, 160S						0.7	BPM6A	BPMR6A
154SE, 154SG						0.7	BM7A	BMR7A
162E, 162FE, 162FG						0.7	BPM6A	BPMR6A
162S						0.7	BPM7A	
162SE, 162SG						0.7	BPM6A	BPMR6A
163	CD					0.7	BPM6A	BPMR6A
181						0.7	BPM7A	
1R, 36R, 61D						0.7	BPM7A	
2100	CD					0.7	BM7A	BMR7A
234SE, 234SG						0.7	BPM6A	BPMR6A
238SE, 238SG						0.7	BPMR6A	
240S, 240SE,240SG						0.7	BPM6A	BPMR6A
257						0.7	BPMR7A	
263CD, 280CD ,280S, 280G						0.7	BPM6A	BPMR6A
268,272						0.7	BMR7A	
285CD						0.7	BM7A	BMR7A
340						0.7	BPMR7A	
340SE ,340SG						0.7	BPM6A	BPMR6A
344FE, 344FG						0.7	BPM6A	BPMR6A
345						0.7	BPMR7A	
353						0.7	BPMR7A	
365,371						0.7	BMR7A	
371XP, 372XP						0.7	BPMR7A	
380CD, 380K ,380S						0.7	BPM6A	BPMR6A
385XP						0.7	BPMR7A	
39	R					0.7	BPM6A	BPMR6A
395XP						0.7	BPMR7A	
40P 44						0.7	BPM6A	BPMR6A
444FE, 444FG, 444SE, 444SG						0.7	BPM6A	BPMR6A
480CD, 480K						0.7	BPM6A	BPMR6A
51						0.7	BMR7A	
55, 55 RANCHER						0.7	BPMR7A	
61	P					0.7	BPM6A	BPMR6A
61P						0.7	BPMR6A	
65, 65K, 77SS						0.7	BPM6A	BPMR6A
A100						0.7	BM7A	BMR7A
A65						0.7	BPM6A	BPMR6A
A70						0.7	BM7A	BMR7A
A77						0.7	BPM6A	BPMR6A
B65, B77						0.7	BPM6A	BPMR6A
F65						0.7	BPM6A	BPMR6A
F70						0.6	BM6A	BMR6A
G65						0.7	BPM6A	BPMR6A
HUSKY 32, 35, 35VR ,38 ,38VR						0.7	BPM6A	BPMR6A
HUSKY 34 ,34D						0.6	BM6F	
K65, L65, L77, R65						0.7	BPM6A	BPMR6A
RANCHER	40, 50, 61					0.7	BPM6A	BPMR6A
JONSEREDS								**JONSEREDS**
490	M					0.7	BM7F	
625						0.7	BPM6A	BPMR6A
630	M					0.7	BPM6A	BPMR6A
820	M					0.6	BM6A	BMR6A
830						0.7	BPM7A	
920	M					0.6	BM6A	BMR6A



GARDEN EQUIPMENT

CHAINSAW

- DIESEL VEHICLE

Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval
JONSEREDS								**JONSEREDS**
930						0.7	BPM7A	
111S ,451E, 451EV ,521EV, 621						0.7	BPM7A	
2041, 2050						0.7	BPMR7A	
2077						0.7	BPM6A	BPMR6A
2083TURBO, 2055TUBO						0.7	BPMR7A	
2094						0.7	BPM6A	BPMR6A
410, 420, 425						0.7	BM7F	
45ES, 49SP, 66E, 66ES						0.7	BPM7A	
510SP, 520SP						0.7	BPM6F	
70E ,90 ,90E						0.7	BPM7A	
L1L-J						0.7	BM7A	BMR7A
M36						0.7	BM7A	BMR7A
M361, M361AV						0.7	BM7A	BMR7A
M410						0.7	BM7F	
M451EV ,452 ,495P						0.7	BPM7A	
M50 ,52, 52E ,60, 62, 66						0.7	BPM7A	
M510						0.7	BPM6F	
M70						0.7	BPM7A	
M75, 80, 90 ,110 ,111						0.7	BPM7A	
M801						0.7	BPM7A	
MK-70, MK-80, RS45						0.7	BPM7A	
R52E	BRUSH CUTTER					0.7	BPM7A	
RS51						0.7	BPM7A	
SUPER 3						0.7	BPM7A	
XF85, XG85						0.6	B6HS	BR6HS
KAMATSU ZENOAH								**KAMATSU ZENOAH**
AYS	G380					0.7	BPM6A	BPMR6A
AYS	G620					0.7	BPM7A	
KIORITZ (ECHO)								**KIORITZ (ECHO)**
CS-100						0.8	B7S	
CS-100VL						0.7	BPM7A	
CS-200E						0.6	BM6A	BMR6A
CS-280EG						0.7	BMR6A	
CS-280EVL						0.7	BMR6A	
CS-285EVL						0.7	BMR6A	
CS-290EVL						0.7	BMR6A	
CS-300EVL						0.8	BPM6Y	
CS-302						0.6	BM6A	BMR6A
CS-302S						0.6	BM6A	BMR6A
CS-304VL						0.6	BM6A	BMR6A
CS-30EVL						0.7	BMR6A	
CS-315						0.6	BM6A	BMR6A
CS-320EVL						0.7	BMR6A	
CS-330EVL						0.7	BMR6A	
CS-332						0.7	BPMR7A	
CS-332EV						0.7	BPM7A	
CS-351VL						0.7	BMR6A	
CS-360EVL						0.7	BPM6A	BPMR6A
CS-4000,4400						0.7	BPM7A	
CS-400EVL						0.7	BPM6A	BPMR6A
CS-440EVL						0.7	BPMR7A	
CS-4500,4500P						0.7	BPM7A	
CS-451VL,452VL						0.7	BMR6A	
CS-4600,CS-4601						0.7	BPM7A	
CS-500VL,500EVL						0.7	BPMR6A	
CS-510EVL,550EVL						0.7	BPMR7A	
CS-5500,CS-5501						0.7	BPM7A	
CS-602VL						0.7	BPM7A	
CS-60S						0.6	BM6A	BMR6A
CS-750VL						0.7	BPM7A	
CS-900EVBL						0.7	BPM7A	
SC-750EVL						0.7	BPM7A	
MCCULLOCH								**MCCULLOCH**
MINI MAC	6,6A					0.6	BM6F	
MINI PRO	25					0.6	BM6F	
MINI PRO	30					0.6	BM6F	
MINI PRO	35					0.6	BM6F	
P	10-10A					0.6	BM6F	

CHAINSAW



- DIESEL VEHICLE

Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval
MCCULLOCH								**MCCULLOCH**
P	10-10S					0.6	BM6F	
PM	105					0.7	BM7F	
PM	55					0.6	BM6F	
PM	6					0.6	BM6F	
PM	60					0.7	BM7F	
POWER MAC	310					0.6	BM6F	
POWER MAC	320					0.6	BM6F	
POWER MAC	330					0.6	BM6F	
POWER MAC	340					0.6	BM6F	
PRO MAC	1010					0.6	BM6F	
PRO MAC	510					0.7	BM7F	
PRO MAC	555					0.6	BM6F	
PRO MAC	570					0.7	BM7F	
PRO MAC	610					0.7	BM7F	
PRO MAC	650					0.7	BM7F	
PRO MAC	700					0.7	BM7F	
PRO MAC	800					0.6	BM6F	
PRO MAC	850					0.7	BM7F	
S10-10	A,E,I,LA					0.6	BM6F	
SP	125					0.6	BM6F	
SP	125C					0.7	BM7F	
SP	40					0.6	BM6F	
SP	55					0.6	BM6F	
SP	60					0.7	BM7F	
TITAN	57					0.7	BM7F	
OLEOMAC								**OLEOMAC**
234	F					0.7	BPM6A	BPMR6A
240	F					0.7	BPM6A	BPMR6A
244	F					0.7	BPM6A	BPMR6A
251	B S					0.7	BPM6A	BPMR6A
252	F					0.7	BPM6A	BPMR6A
254	F					0.7	BPM6A	BPMR6A
261						0.7	BPM6A	BPMR6A
264	F,G					0.7	BPM6A	BPMR6A
272	MP					0.7	BPM6A	BPMR6A
284	G					0.7	BPM6A	BPMR6A
350	A ,AF					0.7	BPM6A	BPMR6A
355	A, AF					0.7	BPM6A	BPMR6A
481	MP					0.7	BPM6A	BPMR6A
482	MP					0.7	BPM6A	BPMR6A
945	A, AF					0.7	BPM6A	BPMR6A
950	A					0.7	BPM6A	BPMR6A
PARTNER								**PARTNER**
K	1200					0.7	BPM7A	
K	12S					0.7	BPM7A	
K	20					0.7	BM7A	BMR7A
K	40					0.7	BM7A	BMR7A
K650	DISC CUTTER					0.7	BM7A	BMR7A
MINI	P1					0.7	BM7A	BMR7A
MINI	P2					0.7	BM7A	BMR7A
MINI	P3					0.6	BM6F	
MINI	PIV					0.6	BM6F	
P	100					0.7	BPM7A	
P	100S					0.7	BPM7A	
P	48					0.7	BM7F	
P	500					0.7	BM7A	BMR7A
P	5000					0.7	BM7F	
P	7000					0.7	BM7A	BMR7A
PIONEER								**PIONEER**
20	P					0.7	BM7A	BMR7A
28	P					0.6	BM6A	BMR6A
38	P					0.7	BPM7A	
39	P					0.7	BPM7A	
41	P					0.6	BM6A	BMR6A
41S	P					0.6	BM6A	BMR6A
42	P					0.7	BPM7A	
42W	P					0.7	BPM7A	
50	P					0.7	BM7A	BMR7A



GARDEN EQUIPMENT

CHAINSAW

- DIESEL VEHICLE

Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval
PIONEER								**PIONEER**
51	P					0.7	BPM7A	
52	P					0.7	BPM7A	
60	P					0.7	BPM6A	BPMR6A
61	P					0.7	BPM6A	BPMR6A
62	P					0.7	BPM7A	
SACHS - DOLMAR								**SACHS - DOLMAR**
112						0.7	BPM6A	BPMR6A
113						0.7	BPM6A	BPMR6A
114						0.7	BPM7A	
115						0.7	BPM7A	
116	SI					0.7	BPM7A	
117						0.7	BPM7A	
120	SI					0.7	BPM7A	
123						0.7	BPM7A	
133	S					0.7	BPM7A	
143						0.7	BPM6A	BPMR6A
153						0.7	BPM7A	
166						0.7	BPM7A	
SOLO								**SOLO**
600	B					0.7	BPM6A	BPMR6A
603	AV					0.7	BPM6A	BPMR6A
605	AV					0.7	BPM6A	BPMR6A
606	AV					0.7	BPM6A	BPMR6A
610	AV					0.7	BPM6A	BPMR6A
615	AV					0.7	BPM6A	BPMR6A
616	AV					0.7	BPM6A	BPMR6A
620	AV					0.7	BPM6A	BPMR6A
633						0.7	BPMR7A	
635						0.7	BPMR7A	
636						0.7	BPMR7A	
640	C					0.7	BPM6A	BPMR6A
641						0.7	BPM6A	BPMR6A
644	VA					0.7	BPM6A	BPMR6A
644;645						0.7	BPMR7A	
647	AV					0.7	BPM6A	BPMR6A
650	VA					0.7	BPM6A	BPMR6A
651						0.7	BPMR7A	
654	AV					0.7	BPM6A	BPMR6A
655	VA					0.7	BPM6A	BPMR6A
660	VA					0.7	BPM6A	BPMR6A
667	AV					0.7	BPM6A	BPMR6A
680	AV					0.7	BPM6A	BPMR6A
694						0.7	BPMR7A	
HOBBY	645					0.6	B6HS	BR6HS
TWIN 100						0.7	BM7A	BMR7A
STIHL								**STIHL**
8	S					0.6	B6HS	BR6HS
009AV						0.7	BPMR7A	
10	AV					0.7	BPM6A	BPMR6A
010AV						0.7	BPMR7A	
11	AV					0.7	BPM7A	
011AV						0.7	BPMR7A	
15	AV					0.7	BPM6A	BPMR6A
015AV						0.7	BPMR7A	
17						0.7	BPMR7A	
019T						0.7	BPMR7A	
20	AV					0.7	BPM6A	BPMR6A
020AV						0.7	BPMR7A	
023L						0.7	BPMR7A	
24	AV					0.7	BPM7A	
024AV						0.7	BPMR7A	
28	AV					0.7	BPM6A	BPMR6A
028AV						0.7	BPMR7A	
30	AV					0.7	BPM6A	BPMR6A
31	AV					0.7	BPM6A	BPMR6A
32	AV,AVS					0.7	BPM7A	
34	AV,AVS					0.7	BPM7A	
38	AV,AVS					0.7	BPM7A	

CHAINSAW



- DIESEL VEHICLE

Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval
STIHL								**STIHL**
40	AV					0.7	BPM6A	BPMR6A
41	AV					0.7	BPM6A	BPMR6A
42	AV					0.7	BPM6A	BPMR6A
044C						0.7	BPMR7A	
45	AV					0.7	BPM6A	BPMR6A
48	AV					0.7	BPM7A	
51	AV					0.7	BPM7A	
56	ELECTRONIC					0.7	BPM7A	
64	ELECTRONIC					0.7	BPM7A	
06,07,07S,08						0.8	BP6HS	BPR6HS
70	AV					0.7	BPM6A	BPMR6A
75	AV					0.7	BPM6A	BPMR6A
84	ELECTRONIC					0.7	BPM7A	
08S						0.8	B6HS	BR6HS
90	AV					0.7	BPM6A	BPMR6A
90	N					0.7	BPM6A	BPMR6A
90	S					0.7	BPM6A	BPMR6A
1106-CONTRA	G,GS					0.7	BPM6A	BPMR6A
1108						0.7	BPM6A	BPMR6A
BG60E						0.7	BMR6A	
FR350						0.7	BPMR7A	
FR450						0.7	BPMR7A	
FS120						0.7	BPMR7A	
FS300						0.7	BPMR7A	
FS350						0.7	BPMR7A	
FS400						0.7	BPMR7A	
FS450						0.7	BPMR7A	
FS550						0.7	BPMR7A	
FS75						0.7	BPMR7A	
FS85						0.7	BPMR7A	
MS	170					0.7	BPMR7A	
TS350						0.6	BP6HS	BPR6HS
TS510						0.7	BPM7A	



GARDEN EQUIPMENT

LAWN MOWERS

- DIESEL VEHICLE

Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval
AGRIA								**AGRIA**
200	B & S					0.6	B4LM	
200	B & S					0.7	B7HS	BR7HS
400	QUICKLY					0.6	B4LM	
1700	HIRTH					0.6	AB-6	
1700	JLO					0.6	AB-6	
1700	NSU					0.5	B4H	
2300	HIRTH					0.6	AB-6	
2300	JLO					0.5	AB-7	
2300	NSU					0.5	B4H	
2400	HIRTH					0.6	AB-6	
2400	JLO 4.77					0.5	AB-7	
2400	JLO 5.77					0.6	B6HS	BR6HS
2400	MAG					0.5	B4H	
2400	NSU					0.5	B4H	
3300	JLO					0.6	B6HS	BR6HS
3300	MAX					0.5	B4H	
4000	S					0.6	AB-6	
4700						0.5	B4H	
5200						0.7	B6S	
5900						0.6	BP6HS	BPR6HS
7900						0.6	BP6HS	BPR6HS
9300	PILOT					0.5	B5HS	BR5HS
9300	VOLKHYDRAULIK					0.5	B4H	
BABY	14MM HEADS					0.5	B4H	
BABY	18MM HEADS					0.6	AB-6	
BABY	4000,S					0.6	AB-6	
RECORD						0.6	AB-6	
ARIENS								**ARIENS**
B & S ENGINE	LM21 5 HP					0.6	B4LM	
B & S ENGINE	LM21S 5.5 HP					0.6	B4LM	
AS								**AS**
AS	4HP					0.6	B6HS	BR6HS
AS	7HP					0.6	B6HS	BR6HS
BRIGGS & STRATTON	5HP					0.6	B4LM	
BRIGGS & STRATTON	8HP					0.6	B4LM	
ROBIN	8HP EC17V					0.7	B7HS	BR7HS
ROBIN	EC10V					0.6	B4	
ATCO								**ATCO**
BRIGGS & STRATTON						0.6	B4LM	
ROBIN	EY14					0.6	B6HS	BR6HS
DENNIS								**DENNIS**
KOHLER	12HP KL301					0.6	B6L	
ESTATE MASTER								**ESTATE MASTER**
BRIGGS & STRATTON	8HP					0.6	B4LM	
ROBIN	6.5HP EC17V					0.5	B4H	
ROBIN	8HP EC17V					0.7	B7HS	BR7HS
FLYMO								**FLYMO**
BRIGGS & STRATTON						0.6	B4LM	
ROBIN	EC10					0.6	B4	
GRAVELY								**GRAVELY**
KOHLER	12HP K301					0.6	B6L	
KOHLER	8HP K181					0.6	B4LM	
HAY-HOE								**HAY-HOE**
ASPERA	AV 500					0.6	B4LM	
ASPERA	AV 520					0.6	B4LM	
ASPERA	AV 600					0.6	B4LM	
ASPERA	LAV 35					0.6	B4LM	
BRIGGS & STRATTON						0.6	B4LM	
KAWASAKI	KT 43					0.6	B6HS	BR6HS
ROBIN	EC10					0.6	B4	
TECUMSEH	3.5HP					0.6	B4LM	



- DIESEL VEHICLE

Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval
HONDA								**HONDA**
FORMULA 120	GXV120N2					0.8	BPR5ES	BP5ES
FORMULA 160	GXV160N5					0.8	BPR6ES	BP6ES
HR 17	1.7HP					0.6	BMR4A	
HR 194	4HP GXV120					0.8	BPR6ES	BP6ES
HR 21	3.5HP GV150					0.6	BM6A	BMR6A
HR 21.5-PR,SXR	5HP GV200					0.6	BM6A	BMR6A
HRA 214-SXR	4HP GXV120					0.8	BPR6ES	BP6ES
IMPALA								**IMPALA**
HONDA	10HP G400					0.5	B4H	
ROBIN	EY45V					0.6	BM6A	BMR6A
KOHLER								**KOHLER**
XT6,XT7						0.9	DPR5EA-9	
KUDU								**KUDU**
HONDA	10HP G400					0.5	B4H	
KOHLER	12HP K301					0.6	B6L	
KOHLER	8HP K181					0.6	B4LM	
ROBIN	10HP EY40					0.6	B6HS	BR6HS
ROBIN	12HP EC25					0.6	B6HS	BR6HS
MIRACLE								**MIRACLE**
ASPERA	AV 600					0.6	B4LM	
ASPERA	LAV 35					0.6	B4LM	
BRIGGS & STRATTON						0.6	B4LM	
ROBIN	EC10V					0.6	B4	
MORRISON								**MORRISON**
BRIGGS & STRATTON	3.5HP					0.6	B4LM	
BRIGGS & STRATTON	4HP					0.6	B4LM	
BRIGGS & STRATTON	5HP					0.6	B4LM	
BRIGGS & STRATTON	7HP					0.6	B4LM	
BRIGGS & STRATTON	8HP					0.6	B4LM	
HONDA	5HP GX140					0.8	BPR6ES	BP6ES
ROBIN	3.5HP EY15					0.6	B6HS	BR6HS
ROBIN	6.5HP EC17V					0.5	B4H	
ROBIN	8HP EC17V					0.7	B7HS	BR7HS
ROBIN	EY20					0.6	B6HS	BR6HS
VILLIERS	3.5HP F15					0.5	B6ES	BR6ES
VILLIERS	5HP F17					0.6	B6HS	BR6HS
MOWMASTER								**MOWMASTER**
BRIGGS & STRATTON	5HP					0.6	B4LM	
KAWASAKI	KT 43					0.6	B6HS	BR6HS
PROFESSIONAL								**PROFESSIONAL**
BRIGGS & STRATTON	3HP					0.6	B4LM	
BRIGGS & STRATTON	3.5HP					0.6	B4LM	
BRIGGS & STRATTON	4HP					0.6	B4LM	
BRIGGS & STRATTON	5HP					0.6	B4LM	
HONDA	3.5HP GV150					0.6	BM6A	BMR6A
HONDA	5HP G200					0.5	B4H	
ROBIN	3.5HP EY15					0.6	B6HS	BR6HS
ROBIN	4HP EC10V					0.6	B4	
ROBIN	5HP EY20					0.6	B6HS	BR6HS
QUALCAST								**QUALCAST**
BRIGGS & STRATTON						0.6	B4LM	
SUPER COLT						0.6	B4LM	
SUPER PUNCH						0.6	B4LM	
RANSOMES								**RANSOMES**
BRIGGS & STRATTON	5HP					0.6	B4LM	
HONDA	5HP G200					0.5	B4H	
MAG 1026 -SRL	10HP					0.5	B5HS	BR5HS
MAG 1026 -SRL	7.5HP					0.5	B5HS	BR5HS
ROBIN	3.5HP EY14					0.6	B6HS	BR6HS
ROBIN	3.5HP EY15					0.6	B6HS	BR6HS



GARDEN EQUIPMENT

LAWN MOWERS

- DIESEL VEHICLE

Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval
ROBIN								**ROBIN**
EC10V				2 STROKE		0.6	B4	
EC17V	6.5 HP			2 STROKE		0.5	B4H	
EC17V	8HP			2 STROKE		0.7	B7HS	BR7HS
EY15V				4 STROKE		0.6	BMR4A	
EY20V				4 STROKE		0.6	BMR4A	
ROLUX								**ROLUX**
BRIGGS & STRATTON	2HP					0.6	B4LM	
BRIGGS & STRATTON	3.5HP					0.6	B4LM	
BRIGGS & STRATTON	5HP					0.6	B4LM	
SCOTT BONNAR								**SCOTT BONNAR**
BRIGGS & STRATTON	3HP					0.6	B4LM	
BRIGGS & STRATTON	5HP					0.6	B4LM	
BRIGGS & STRATTON	8HP					0.6	B4LM	
HONDA	10HP G400					0.5	B4H	
HONDA	3HP GX110					0.8	BPR6ES	BP6ES
HONDA	3.5HP GV150					0.6	BM6A	BMR6A
HONDA	5HP GV200					0.6	BM6A	BMR6A
HONDA	5HP GX140					0.8	BPR6ES	BP6ES
HONDA	7HP G300					0.5	B4H	
KAWASAKI	3.4HP KF 34					0.6	B4LM	
KAWASAKI	5.3HP KF 53					0.6	B6HS	BR6HS
ROBIN	3.5HP EY15					0.6	B6HS	BR6HS
ROBIN	4HP EC10V					0.6	B4	
ROBIN	5HP EY20V					0.6	B6HS	BR6HS
ROBIN	6.5HP EC17					0.5	B4H	
ROBIN	8HP EC17V					0.7	B7HS	BR7HS
SISIS								**SISIS**
BRIGGS & STRATTON	3,5,8HP					0.6	B4LM	
SOLO								**SOLO**
546R						0.7	BMR6A	
546RS	TEC					0.7	B6S	
550						0.7	BMR6A	
550H						0.8	BPR5ES	BP5ES
550HR	HONDA					0.8	BPR5ES	BP5ES
550R						0.7	BMR6A	
550RS	B & S					0.7	BMR6A	
582	B & S					0.7	B2-LM	
SOUTHERN CROSS								**SOUTHERN CROSS**
ASPERA	AV 600					0.6	B4LM	
ASPERA	LAV 35					0.6	B4LM	
SPRITE								**SPRITE**
BRIGGS & STRATTON						0.6	B4LM	
STAG								**STAG**
ROBIN	6.5HP EC17V					0.5	B4H	
ROBIN	8HP EC17V					0.7	B7HS	BR7HS
STILETTO								**STILETTO**
ASPERA	3.5HP					0.6	B4LM	
BRIGGS & STRATTON	4HP					0.6	B4LM	
BRIGGS & STRATTON	5HP					0.6	B4LM	
ROBIN	EC10V					0.6	B4	
YAMAHA	4.3HP					0.6	B6HS	BR6HS
SUFFOLK								**SUFFOLK**
PONY				2-STROKE		0.5	B5HS	BR5HS
.				4-STROKE		0.6	B4LM	
SUZUKI								**SUZUKI**
M120X						0.7	BPM6A	BPMR6A
S150						0.6	BP6HS	BPR6HS
S200						0.6	BP6HS	BPR6HS
V120						0.8	BPR6ES	BP6ES
V160						0.8	BPR6ES	BP6ES

LAWN MOWERS



- DIESEL VEHICLE

Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval
TORO								**TORO**
BRIGGS & STRATTON						0.6	B4LM	
TECUMSEH	3.5HP					0.6	B4LM	
VICTA								**VICTA**
-	12MM REACH					0.5	B5HS	BR5HS
-	19MM REACH					0.6	B4ES	
-	9.5MM REACH					0.6	B4LM	
WARRIOR								**WARRIOR**
ASPERA	AV 520					0.6	B4LM	
ASPERA	AV 600					0.6	B4LM	
BRIGGS & STRATTON						0.6	B4LM	
ROBIN	EC10V					0.6	B4	
WEBB								**WEBB**
BRIGGS & STRATTON	2-3HP					0.6	B4LM	
WOLF								**WOLF**
BRIGGS & STRATTON						0.6	B4LM	
HONDA	GV150					0.6	BM6A	BMR6A
WOLSELEY								**WOLSELEY**
BRIGGS & STRATTON	10HP					0.6	B4LM	
YAMAHA								**YAMAHA**
MT110VLS						0.7	B6HS	BR6HS



GARDEN EQUIPMENT

POWER PRUNER

- DIESEL VEHICLE

Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval
ECHO								**ECHO**
PPF2100						**0.7**	**BPM7Y**	
PPT2100						**0.7**	**BPM7Y**	

GARDEN EQUIPMENT

RIDE-ON MOWERS



- DIESEL VEHICLE

Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval
ARIENS								**ARIENS**
BRIGGS & STRATTON	13 HP RM1328					0.7	B2-LM	
BRIGGS & STRATTON OHV	15 HP 1540G					0.8	BKR5E	
CUSHMAN								**CUSHMAN**
OMC	18HP					0.8	AP5FS	APR5FS
GILSON								**GILSON**
BRIGGS & STRATTON	11HP					0.6	B4LM	
BRIGGS & STRATTON	8HP					0.6	B4LM	
GRAVELY								**GRAVELY**
BRIGGS & STRATTON	16HP					0.6	B4LM	
KOHLER	16HP K341					0.6	B6L	
HONDA								**HONDA**
H30115E	8.2 KW					0.8	BPR6ES	BP6ES
H4013SE	9.7 KW					0.8	BPR5ES	BP5ES
HT 3810	10HP					0.7	BR4HS	
HTR 3009	9.7 KW					0.8	BPR5ES	BP5ES
HTR 3813	6.3 KW					0.7	BP4HS	BPR4HS
HUSTLER								**HUSTLER**
KOHLER	23HP K582					0.6	B6L	
JACOBSEN								**JACOBSEN**
KOHLER	14HP K321					0.6	B6L	
KOHLER	16HP K341					0.6	B6L	
KOHLER	23HP K582					0.6	B6L	
JOHN DEERE								**JOHN DEERE**
BRIGGS & STRATTON	8HP					0.6	B4LM	
KOHLER	10HP K241					0.6	B6L	
KOHLER	12HP K301					0.6	B6L	
KOHLER	14HP K321					0.6	B6L	
KOHLER	16HP K341					0.6	B6L	
KOHLER	18HP K482					0.6	B6L	
KOHLER	8HP K181					0.6	B4LM	
MAC GARDA								**MAC GARDA**
BRIGGS & STRATTON	10HP					0.6	B4LM	
BRIGGS & STRATTON	8HP					0.6	B4LM	
MIRAGE								**MIRAGE**
BRIGGS & STRATTON	11HP					0.6	B4LM	
BRIGGS & STRATTON	8HP					0.6	B4LM	
ROBIN	8HP EC17V					0.7	B7HS	BR7HS
ROBIN	EC10V					0.6	B4	
NATIONAL								**NATIONAL**
BRIGGS & STRATTON	10HP					0.6	B4LM	
BRIGGS & STRATTON	8HP					0.6	B4LM	
ROLUX								**ROLUX**
BRIGGS & STRATTON	11HP					0.6	B4LM	
BRIGGS & STRATTON	8HP					0.6	B4LM	
ROBIN	EC10V					0.6	B4	
RYAN								**RYAN**
BRIGGS & STRATTON	7HP					0.6	B4LM	
BRIGGS & STRATTON	8HP					0.6	B4LM	
KOHLER	6.25HP K141					0.7	B6S	
SACHS-DOLMAR								**SACHS-DOLMAR**
BC	330					0.7	BPM6F	
BC	400					0.7	BPM6A	BPMR6A
BRIGGS & STRATTON	11HP					0.6	B4LM	



GARDEN EQUIPMENT

RIDE-ON MOWERS

- DIESEL VEHICLE

Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval
SIMPLICITY								**SIMPLICITY**
BRIGGS & STRATTON	8HP					0.6	B4LM	
STILETTO								**STILETTO**
BRIGGS & STRATTON	10HP					0.6	B4LM	
BRIGGS & STRATTON	8HP					0.6	B4LM	
TORO								**TORO**
BRIGGS & STRATTON	11HP					0.6	B4LM	
BRIGGS & STRATTON	5HP					0.6	B4LM	
BRIGGS & STRATTON	8HP					0.6	B4LM	
KOHLER	14HP K321					0.6	B6L	
KOHLER	23HP K582					0.6	B6L	
KOHLER	7HP K161					0.7	B6S	
ONAN	20HP B 48G					0.6	BP5EFS	
TECUMSEH	7HP					0.6	B4LM	

COMMERCIAL & INDUSTRIAL ENGINES

CONSTRUCTION ENGINE



- DIESEL VEHICLE

Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval
KUBOTA								**KUBOTA**
KD-15							Y-106-1	
KH-1							Y-106-1	
KH-10							Y-106-1	
KH-11H							Y-106V	
KH-12FD							Y-106V	
KH-14							Y-106-1	
KH-15							Y-106-1	
KH-18							Y-106-1	
KH-18-2							Y-103V	
KH-20							Y-106V	
KH-5H							Y-103V	
KH-8							Y-103K	
KH-8H-2							Y-103V	
RC-15FD							Y-103K	
RC-20							Y-103K	
RC-20FD							Y-106V	
RC-25							Y-103K	
RC-8FD							Y-103K	
RW-25							Y-106-1	
WACKER								**WACKER**
						0.7	BPR4HS	



COMMERCIAL & INDUSTRIAL ENGINES

CUT OFF SAW

- DIESEL VEHICLE

Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval
ECHO								**ECHO**
CSG6700						**0.7**	**BPM7Y**	
CSG680						**0.7**	**BPM7Y**	



- DIESEL VEHICLE

Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval
HONDA								**HONDA**
F 25						0.7	C6HSA	CR6HSA
F 28						0.7	C6HSA	CR6HSA
F 30						0.6	B6HS	BR6HS
F 40						0.6	B6HS	BR6HS
F 42						0.6	B6HS	BR6HS
F 250D,F						0.8	BPMR4A	
F 300 (G150)						0.5	B4H	
F 310						0.8	BPR5ES	BP5ES
F 360						0.8	BPR5ES	BP5ES
F 380						0.8	BPR5ES	BP5ES
F 600						0.6	B6HS	BR6HS
F 610D						0.8	BPR5ES	BP5ES
F 650						0.6	B6HS	BR6HS
F 700						0.6	B6HS	BR6HS
MITSUBISHI								**MITSUBISHI**
G3L						0.7	B6S	
G4L						0.7	B6S	
G4L-A						0.6	B4	
G5L						0.7	B6S	
G6L						0.6	B4	
G6L						0.7	B6S	
G7L						0.7	B6S	
G7L-4						0.6	B4	
G8L						0.7	B6S	
N25						0.7	B6S	



COMMERCIAL & INDUSTRIAL ENGINES

GASOLINE ENGINE

- DIESEL VEHICLE

Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval
LOMBARDINI								**LOMBARDINI**
LA	205					0.5	B4H	
LA	250					0.5	B4H	
LA	400					0.5	B4H	
LA	490					0.5	B4H	
LAV	250					0.5	B4H	
YANMAR								**YANMAR**
GE25	GE25S					0.7	BP4HS	BPR4HS
GE36	S					0.5	B4H	
GE50	S					0.5	B4H	
GE70	S					0.5	B4H	
GE90	S					0.5	B4H	



- DIESEL VEHICLE

Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval
KUBOTA								**KUBOTA**
GZ410						0.8	BKR5E	
V2203-BBS							Y-716RS	
WG750						1.1	BKR5E-11	
Z400							Y-103V	
Z400							Y-702R	



COMMERCIAL & INDUSTRIAL ENGINES

GENERATOR

- DIESEL VEHICLE

Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval
HINOMOTO								**HINOMOTO**
E23			1955->1965	4			Y-805-1	
HOMELITE								**HOMELITE**
H 400						0.7	BP5HS	
H1250						0.8	BPR6ES	BP6ES
H2500						0.8	BPR6ES	BP6ES
H3500E						0.7	BP5HS	
HONDA								**HONDA**
E1500 (G200)	CDI					0.7	BP4HS	BPR4HS
E1500 (G200)						0.5	B4H	
E1500 (G42)						0.6	B6HS	BR6HS
E1500K4	CDI					0.7	BP4HS	BPR4HS
E1500K4						0.6	B6HS	BR6HS
E2000						0.6	B6HS	BR6HS
E2500						0.6	B6HS	BR6HS
E2500 (G300)	CDI					0.7	BP4HS	BPR4HS
E2500 (G300)						0.5	B4H	
E3500 (G400)						0.5	B4H	
EB-X1800						0.8	BPR6ES	BP6ES
EB1600						0.5	B4H	
EC1500 (G200)						0.5	B4H	
EC1500 (G42)						0.6	B6HS	BR6HS
EC1500 (K4)						0.5	B4H	
ED 300			1983->			0.7	BPM6A	BPMR6A
ED 300			1984->			0.8	BPMR4A	
ED1000 (G42)						0.6	B6HS	BR6HS
EG 550						0.6	BM4A	BMR4A
EG 650						0.6	BM4A	BMR4A
EG1000X						0.8	BPR6ES	BP6ES
EG1400						0.8	BPR6ES	BP6ES
EG1400X						0.8	BPR6ES	BP6ES
EG1500						0.5	B4H	
EG1500 (G200)						0.5	B4H	
EG1500 (G42)						0.6	B6HS	BR6HS
EG1800						0.5	B4H	
EG2200X/M						0.8	BPR6ES	BP6ES
EG3500X/M						0.8	BPR6ES	BP6ES
EM 650						0.7	BPMR4A	
EM1400X						0.8	BPR6ES	BP6ES
EM2200X						0.8	BPR6ES	BP6ES
EM3500X,M						0.8	BPR5ES	BP5ES
EM4500						0.8	BPR6ES	BP6ES
EM4500SX						0.8	BPR6ES	BP6ES
EM5000						0.8	BPR6ES	BP6ES
EM5000SX,M,A0,A2						0.8	BPR6ES	BP6ES
EM650E						0.7	BMR4A	
ES6500						0.6	BP6HS	BPR6HS
EV4000						0.6	BP6HS	BPR6HS
EW 170						0.5	B4H	
EX 500						0.8	BPMR4A	
EX 800						0.7	BP5HS	
EX5500,K1,A0,A2						0.6	BP6HS	BPR6HS
GX 390,610,620						0.8	BPR6ES	BP6ES
KAWASAKI								**KAWASAKI**
GA	1000					0.7	BP4HS	BPR4HS
GA	1400					0.7	BP4HS	BPR4HS
GA	1800					0.7	BP4HS	BPR4HS
GA	550A			5		0.7	BMR6A	
GC	550					0.6	BM6A	BMR6A
GE	4500					0.8	BPR5ES	BP5ES
KG	1100					0.7	B6S	
KG	2300					0.7	BP4HS	BPR4HS
KG	3200					0.7	BP4HS	BPR4HS
KG	4000					0.6	B6HS	BR6HS
KG	5000		1983->			0.6	BM6A	BMR6A
KG	5000		1984->			0.5	B4H	
KG	550					0.6	B6HS	BR6HS
KG	750					0.6	B6HS	BR6HS

COMMERCIAL & INDUSTRIAL ENGINES

GENERATOR

- DIESEL VEHICLE

Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval
KUBOTA								**KUBOTA**
A1000						0.7	BP4HS	BPR4HS
A1200						0.7	BP4HS	BPR4HS
A1400						0.7	BP4HS	BPR4HS
A1500						0.7	BP4HS	BPR4HS
A1800						0.7	BP4HS	BPR4HS
A2000						0.7	BP4HS	BPR4HS
A2100						0.7	BP4HS	BPR4HS
A2400						0.7	BP4HS	BPR4HS
A2500						0.7	BP4HS	BPR4HS
A3000						0.7	BP4HS	BPR4HS
A3050						0.7	BP4HS	BPR4HS
A350						0.6	BM4A	BMR4A
A3500						0.7	BP4HS	BPR4HS
A400						0.6	BM4A	BMR4A
A500						0.6	BM4A	BMR4A
A650						0.7	BP4HS	BPR4HS
A800						0.7	BP4HS	BPR4HS
A800						0.7	BP4HS	BPR4HS
AE1100						0.7	BPR4HS	
AE2200						0.7	BPR4HS	
AE3200						0.7	BPR4HS	
AE4500						0.7	BPR6HS	
AE5500						0.8	BPR4HS	
AV1600						0.7	BPR6HS	
AV3800						0.7	BPR6HS	
AV5500 6500						0.8	BPR4HS	
AV650						0.7	BMR4A	
NA1500						0.7	BPR4HS	
NA1800						0.7	BPR4HS	
NA1900						0.7	BPR4HS	
NA2000						0.7	BPR4HS	
NA2200						0.7	BPR4HS	
NA2400						0.7	BPR4HS	
NA2500						0.7	BPR4HS	
NA2600						0.7	BPR4HS	
NA3000						0.7	BPR4HS	
NA3050						0.7	BPR4HS	
NA3200						0.7	BPR4HS	
NA3500						0.7	BPR4HS	
NA400						0.7	BMR4A	
NA500						0.7	BMR4A	
NA510						0.7	BMR4A	
NA600						0.7	BMR4A	
MITSUBISHI								**MITSUBISHI**
K4					K4, KE150		Y-114T	
SUZUKI								**SUZUKI**
SE 400,A						0.7	BPMR4A	
SE 500,A,C						0.7	BPMR4A	
SE 700A						0.7	BPM6A	BPMR6A
SE1000						0.6	BP6HS	BPR6HS
SE1200A,LA						0.6	BP6HS	BPR6HS
SE1500A						0.6	BP6HS	BPR6HS
SE1800A,LA						0.6	BP6HS	BPR6HS
SE2500A						0.6	BP6HS	BPR6HS
SE3000A						0.6	BP6HS	BPR6HS
SE4000S						0.6	BP6HS	BPR6HS
SE4000SE						0.6	BP6HS	BPR6HS
SW 140S						0.7	BP5HS	
SX600,R						0.7	BP5HS	
VMA								**VMA**
318	3.8 D	3800	1995->	6	638BLTK		Y-543J	
YAMAHA								**YAMAHA**
EF1000						0.6	BP6HS	BPR6HS
EF1400						0.6	BP6HS	BPR6HS
EF1400A						0.6	BP6HS	BPR6HS
EF1600						0.6	BP6HS	BPR6HS
EF1800						0.6	BP6HS	BPR6HS



COMMERCIAL & INDUSTRIAL ENGINES

GENERATOR

- DIESEL VEHICLE

Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval
YAMAHA								**YAMAHA**
EF2000A						0.6	BP6HS	BPR6HS
EF2500						0.6	BP6HS	BPR6HS
EF2600						0.6	BP6HS	BPR6HS
EF2800A						0.6	BP6HS	BPR6HS
EF3800						0.7	BPR6HS	
EF5000	E					0.6	BP6HS	BPR6HS
EF5000DV	E					0.6	BP6HS	BPR6HS
EF600						0.7	BPM6A	BPMR6A
EF6000						0.8	BPR5ES	BP5ES
ET1500			1980->			0.6	B6HS	BR6HS
ET1500			1981->			0.7	B7HS	BR7HS
ET500						0.6	B5ES	
ET600	A					0.6	B5ES	
ET900						0.6	B5ES	
YL GENERATOR						0.8	BPR4ES	GR4IX
YL5000						0.7	BPR6HS	
3T					3T84H-LB		Y-110V	
MD 550						0.7	BPMR4A	



- DIESEL VEHICLE

Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval
TOYOTA								**TOYOTA**
FORKLIFT			1998->	4	1DZ		Y-118-R	



COMMERCIAL & INDUSTRIAL ENGINES

LAWN MOWER ENGINE

- DIESEL VEHICLE

Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval
ROBIN								**ROBIN**
ROBIN						ROBIN		
EH30V				4 STROKE		0.8	BPR6ES	BP6ES
EH34V				4 STROKE		0.8	BPR6ES	BP6ES
SUZUKI								**SUZUKI**
M120X						0.7	BPM6A	BPMR6A
S150						0.6	BP6HS	BPR6HS
S200						0.6	BP6HS	BPR6HS
V120						0.8	BPR6ES	BP6ES
V160						0.8	BPR6ES	BP6ES
TECUMSEH								**TECUMSEH**
BVS143DP				4 STROKE		0.7	B6S	
MV100DP				2 STROKE		0.6	B4LM	
OVXL120				4 STROKE		0.6	B6HS	BR6HS
TVM220				4 STROKE		0.7	B6S	
TVS120				4 STROKE		0.7	B2-LM	
TVXL195				4 STROKE		0.7	B6S	
TVXL840				2 STROKE		0.7	BPM6A	BPMR6A

COMMERCIAL & INDUSTRIAL ENGINES

MULTI-PURPOSE ENGINE

- DIESEL VEHICLE

Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval
ACME								**ACME**
A180 B,P	180			1		0.6	B6HS	BR6HS
A220 B,P	220			2		0.6	B6HS	BR6HS
AL 480	480			4		0.6	AB-6	
AL 480W	14HP					0.6	AB-6	
AL 550	550			5		0.6	AB-6	
AL 550W	16HP					0.6	AB-6	
ALN 215W	8HP					0.5	B5HS	BR5HS
ALN 290	290			2		0.6	B6HS	BR6HS
ALN 290W	8HP					0.5	B5HS	BR5HS
ALN 330	330			3		0.6	B6HS	BR6HS
ALN 330W,W	10HP					0.5	B5HS	BR5HS
AT 330	330			3		0.6	B6HS	BR6HS
FE 82W	12HP					0.6	AB-6	
VT 88	16HP					0.5	B5HS	BR5HS
VT 88						0.6	B6HS	BR6HS
VT 94						0.6	B6HS	BR6HS
VT 94W	18HP					0.5	B5HS	BR5HS
ASPERA								**ASPERA**
AV	125					0.6	B4LM	
AV	520					0.6	B4LM	
AV	600					0.6	B4LM	
AV	750					0.7	B6S	
BV	150					0.6	B4LM	
BV	172					0.6	B4LM	
BVR	150					0.6	B4LM	
BVR	172					0.6	B4LM	
BVR	175					0.6	B4LM	
HBL	25					0.6	B4LM	
HBL	30					0.6	B4LM	
HBL	35					0.6	B4LM	
HBL	40					0.6	B4LM	
LAV	172					0.6	B4LM	
LAV	30					0.6	B4LM	
LAV	35					0.6	B4LM	
LAV	40					0.6	B4LM	
LAVR	30					0.6	B4LM	
LAVR	35					0.6	B4LM	
MV	100M					0.6	BM6A	BMR6A
MV	100S					0.6	B4LM	
MV	125M					0.6	BM6A	BMR6A
MV	85M					0.6	BM6A	BMR6A
VM	100					0.6	B4LM	
VM	70					0.6	B4LM	
VM	80					0.6	B4LM	
BRIGGS & STRATTON								**BRIGGS & STRATTON**
14MM CYL HEAD						0.6	B4LM	
18MM CYL HEAD						0.6	AB-6	
CLINTON								**CLINTON**
100	V					0.6	B6L	
190	VS					0.6	B6L	
400	AVS					0.6	B6L	
401	BVS					0.6	B6L	
404						0.6	B6L	
405						0.6	B6L	
406						0.6	B6L	
407						0.6	B6L	
408						0.6	B6L	
409						0.6	B6L	
410						0.6	B6L	
411						0.6	B6L	
414						0.6	B6L	
415						0.6	B6L	
418	VS					0.6	B6L	
419	VS					0.6	B6L	
420	VS					0.6	B6L	
422	VS					0.6	B6L	
426	VS					0.6	B6L	
429	VS					0.6	B6L	



COMMERCIAL & INDUSTRIAL ENGINES

MULTI-PURPOSE ENGINE

- DIESEL VEHICLE

Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval
CLINTON								**CLINTON**
431	VS					0.6	B6L	
435						0.6	B6L	
1600	A					0.6	B6L	
1690						0.6	B6L	
2100	A					0.6	B6L	
2100	VS					0.6	B6L	
2190	VS					0.6	B6L	
2500	B					0.6	B6L	
2590						0.6	B6L	
2790						0.6	B6L	
3100	V					0.6	B6L	
3190						0.6	B6L	
4100	VS					0.6	B6L	
4190						0.6	B6L	
EAGLE								**EAGLE**
H 40	4HP					0.6	B4LM	
H 50	5HP					0.6	B4LM	
H 60	6HP					0.6	B4LM	
H 80	8HP					0.6	B4LM	
H 100	10HP					0.6	B4LM	
H 120	12HP					0.6	B4LM	
V 40	4HP					0.6	B4LM	
V 50	5HP					0.6	B4LM	
V 60	6HP					0.6	B4LM	
V 80	8HP					0.6	B4LM	
V 100	10HP					0.6	B4LM	
V 120	12HP					0.6	B4LM	
HOMELITE								**HOMELITE**
XLS2						0.6	BM6A	BMR6A
HONDA								**HONDA**
G 20						0.6	B6HS	BR6HS
G 25						0.7	C6HSA	CR6HSA
G 28						0.7	C6HSA	CR6HSA
G 30						0.6	B6HS	BR6HS
G 35						0.6	B6HS	BR6HS
G 40						0.6	B6HS	BR6HS
G 41						0.5	B4H	
G 42						0.6	B6HS	BR6HS
G 45						0.6	B6HS	BR6HS
G 50						0.6	B6HS	BR6HS
G 65						0.6	B6HS	BR6HS
G 80						0.6	B6HS	BR6HS
G100	CDI					0.8	BPMR4A	
G100						0.6	BM4A	BMR4A
G150						0.5	B4H	
G200						0.5	B4H	
G300						0.5	B4H	
G400						0.5	B4H	
GB 30						0.6	B6HS	BR6HS
GB 40						0.6	B6HS	BR6HS
GT 50						0.5	B4H	
GT 65						0.5	B4H	
GV 35						0.6	B6HS	BR6HS
GV100						0.7	BMR4A	
GV150	K1					0.6	BM6A	BMR6A
GV150	SER.NO. 2029059					0.5	B4H	
GV150	SER.NO. 2029060					0.6	BM6A	BMR6A
GV150N1B						0.7	BMR6A	
GV200						0.7	BMR6A	
GV400	CDI					0.7	BPM6A	BPMR6A
GV400						0.6	BM6A	BMR6A
GX110						0.8	BPR6ES	BP6ES
GX120						0.8	BPR6ES	BP6ES
GX140						0.8	BPR6ES	BP6ES
GX160						0.8	BPR6ES	BP6ES
GX240						0.8	BPR6ES	BP6ES
GX340						1.1	BP6ES-11	BPR6ES-11
GX360						0.7	BP4HS	BPR4HS

COMMERCIAL & INDUSTRIAL ENGINES

MULTI-PURPOSE ENGINE



- DIESEL VEHICLE

Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval
HONDA								**HONDA**
GXV120						0.8	BPR5ES	BP5ES
GXV160						0.8	BPR6ES	BP6ES
GXV270						0.8	BPR5ES	BP5ES
GXV340						0.8	BPR5ES	BP5ES
KAWASAKI								**KAWASAKI**
FA	130					0.6	BM6A	BMR6A
FA	210					0.6	BM6A	BMR6A
FB	460V					0.6	BM4A	BMR4A
FC	150V					0.8	BPR6ES	BP6ES
FC	290V					0.8	BPR5ES	BP5ES
FG	100LB			1		0.7	BP4HS	BPR4HS
FG	150					0.7	BP4HS	BPR4HS
FG	150LB			1		0.7	BP4HS	BPR4HS
FG	200					0.7	BP4HS	BPR4HS
FG	200LB			2		0.7	BP4HS	BPR4HS
FG	300					0.7	BP4HS	BPR4HS
FG	300LB			3		0.7	BP4HS	BPR4HS
KF	100					0.5	B4H	
KF	150					0.5	B4H	
KF	200					0.5	B4H	
KF	24					0.6	B6HS	BR6HS
KF	34					0.7	B6S	
KF	82					0.6	B6HS	BR6HS
KT	40					0.6	B6HS	BR6HS
KT	43					0.6	B6HS	BR6HS
MULE 3000			2001->2006			0.8	BPR2ES	
TD	40					0.7	BM7A	BMR7A
KOHLER								**KOHLER**
K 90	4HP					0.7	B6S	
K 91	4HP					0.7	B6S	
K141	6.25HP					0.7	B6S	
K181	8HP					0.7	B6S	
K241	10HP					0.6	B6L	
K301	12HP					0.6	B6L	
K341	16HP					0.6	B6L	
K582S	23HP					0.6	B6L	
KT175	17HP					0.8	BP5FS	BPR5FS
KT195	19HP					0.8	BP5FS	BPR5FS
SV590						0.8	BKR5E	
KUBOTA								**KUBOTA**
A1200	GS130					0.7	BPR4HS	
A1800	GN1850					0.8	BPR4HS	
A2500	GN2500					0.8	BPR4HS	
A3050	GS280					0.7	BPR4HS	
A400	GN550					0.7	BMR4A	
A800	GN130					0.7	BPR4HS	
D1005-E							YE-01	
D1105-E							YE-01	
D662-E							YE-01	
D722-E							YE-01	
KH11,12,20	CONSTRUCTION MACHINE						Y-106V	
MITSUBISHI								**MITSUBISHI**
L08						0.6	B4	
L1L						0.6	B4	
L2L						0.6	B4	
L06P						0.6	B4	
NE-35K						0.7	B6S	
ONAN								**ONAN**
AJ						0.6	B6L	
B	43G					0.6	BP5EFS	
B	48G					0.6	BP5EFS	
BH						0.6	B6L	
CK						0.6	B6L	
IB						0.6	AB-6	
J120						0.6	B6L	
J30						0.6	B6L	



COMMERCIAL & INDUSTRIAL ENGINES

MULTI-PURPOSE ENGINE

- DIESEL VEHICLE

Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval
ONAN								**ONAN**
J60						0.6	B6L	
JB						0.6	B6L	
JC						0.6	B6L	
MH						0.6	B6L	
N-52M						0.6	BP5EFS	
NB						0.6	B6L	
NHA-MS						0.5	B6ES	BR6ES
NHB-MS						0.5	B6ES	BR6ES
NHC-MC			1979->			0.5	B6ES	BR6ES
NHC-MS			1979->			0.6	BP5EFS	
NHP	LP-GAS					0.5	B6ES	BR6ES
OTC SERIES						0.7	B6S	
RCCK-MS						0.6	B6L	
ROBIN								**ROBIN**
EC08					2 STROKE	0.7	B7HS	BR7HS
EC10					2 STROKE	0.6	B4	
EC17	6.5HP				2 STROKE	0.5	B4H	
EH30					4 STROKE	0.8	BPR6ES	BP6ES
EH34					4 STROKE	0.8	BPR6ES	BP6ES
EH43D					4 STROKE	0.8	BPR6ES	BP6ES
EY08					4 STROKE	0.6	BM4A	BMR4A
EY10					4 STROKE	0.6	B6HS	BR6HS
EY15					4 STROKE	0.6	B6HS	BR6HS
EY18					4 STROKE	0.6	B6HS	BR6HS
EY20					4 STROKE	0.6	B6HS	BR6HS
EY21					4 STROKE	0.6	B4	
EY23					4 STROKE	0.6	B6HS	BR6HS
EY25					4 STROKE	0.6	B6HS	BR6HS
EY27					4 STROKE	0.6	B6HS	BR6HS
EY28					4 STROKE	0.6	B6HS	BR6HS
EY35	ELEC				4 STROKE	0.7	BP4HS	BPR4HS
EY35					4 STROKE	0.6	B6HS	BR6HS
EY40	ELEC				4 STROKE	0.7	BP4HS	BPR4HS
EY40					4 STROKE	0.6	B6HS	BR6HS
EY44					4 STROKE	0.6	B6HS	BR6HS
EY45V					4 STROKE	0.6	BM6A	BMR6A
EY80					4 STROKE	0.7	BP4HS	BPR4HS
TECUMSEH								**TECUMSEH**
AH480	3.9HP					0.6	B4LM	
AH520	2HP					0.6	B4LM	
AH520	3HP					0.6	B4LM	
AH817	5HP					0.6	B4LM	
AV520	3HP					0.6	B4LM	
AV600	5HP					0.6	B4LM	
H50	5HP					0.6	B4LM	
H80	8HP					0.6	B4LM	
HM100Q					4 STROKE	0.7	B6S	
HM80	8HP					0.6	B4LM	
HM80Q					4 STROKE	0.7	B6S	
HMSK70	6HP					0.6	B4LM	
HMSK80	8HP					0.6	B4LM	
HS40	4HP					0.6	B4LM	
HS50	5HP					0.6	B4LM	
HS50-1A	5HP					0.6	B4LM	
HSK25	2.5HP					0.6	B4LM	
HSK30	3HP					0.6	B4LM	
HSK35	3,5HP					0.6	B4LM	
HSSK40	4HP					0.6	B4LM	
HSSK50	5HP					0.6	B4LM	
LAV35	3,5HP					0.6	B4LM	
LAV35RM	3,5HP					0.6	B4LM	
LAV40	4HP					0.6	B4LM	
LAV40RM	4HP					0.6	B4LM	
LAV50-1A	5HP					0.6	B4LM	
LAV50RM	5HP					0.6	B4LM	
OH120					4 STROKE	0.6	B6HS	BR6HS
OH120Q					4 STROKE	0.6	B6HS	BR6HS
OH160Q					4 STROKE	0.6	B6HS	BR6HS
OH160V					4 STROKE	0.6	B6HS	BR6HS



- DIESEL VEHICLE

Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval
TECUMSEH								**TECUMSEH**
TVS840				2 STROKE		0.7	BPM6A	BPMR6A
V60	6HP					0.6	B4LM	
V70	6HP					0.6	B4LM	
V80	8HP					0.6	B4LM	
VH100				4 STROKE		0.7	B6S	
VH70	6HP					0.6	B4LM	
VH80				4 STROKE		0.7	B6S	
VM80	8HP					0.6	B4LM	
VILLIERS								**VILLIERS**
10				4 STROKE		0.6	AB-6	
1-OCT						0.5	B4H	
12				4 STROKE		0.6	AB-6	
1-DEC						0.5	B4H	
2-DEC						0.5	B4H	
20				4 STROKE		0.6	AB-6	
25				4 STROKE		0.6	AB-6	
40				4 STROKE		0.6	AB-6	
507H-1						0.6	B6HS	BR6HS
512H	150					0.6	B6HS	BR6HS
515H	150					0.6	B6HS	BR6HS
515V	150					0.6	B6HS	BR6HS
7						0.5	B4H	
C12						0.5	B4H	
C30						0.5	B6ES	BR6ES
F12						0.5	B6ES	BR6ES
F15						0.5	B6ES	BR6ES
HIGH SPEED VERSIONS						0.6	AB-6	
MARVIL						0.6	AB-6	
MK.15						0.6	B6HS	BR6HS
MK.15HS						0.6	B6HS	BR6HS
MK.15/2						0.6	B6HS	BR6HS
WISCONSIN								**WISCONSIN**
3						0.7	B6S	
4						0.7	B6S	
AC4						0.7	B6S	
AC4S						0.6	B6L	
ALL GASOLINE						0.6	AB-6	
ALL MODELS LP-GAS						0.5	AB-7	
EY	14W					0.6	B6HS	BR6HS
EY	18W					0.6	B6HS	BR6HS
EY	25W					0.6	B6HS	BR6HS
EY13						0.7	BP4HS	BPR4HS
EY18						0.7	BP4HS	BPR4HS
EY21W						0.7	B6S	
EY25						0.7	BP4HS	BPR4HS
EY27W						0.6	B6HS	BR6HS
EY33						0.7	BP4HS	BPR4HS
EY44						0.7	BP4HS	BPR4HS
EY44W						0.6	B6HS	BR6HS
V	460,1,5,D					0.8	BPR5ES	BP5ES
YAMAHA								**YAMAHA**
MF150	A					0.6	BP6HS	BPR6HS
MF150	S					0.6	BP6HS	BPR6HS
MF180	A					0.6	BP6HS	BPR6HS
MF260	A					0.6	BP6HS	BPR6HS
MF410						0.6	BP6HS	BPR6HS
MT110VL	S					0.6	B6HS	BR6HS



COMMERCIAL & INDUSTRIAL ENGINES

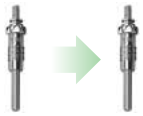
PUMP

- DIESEL VEHICLE

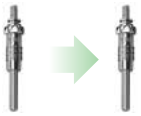
Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval
HOMELITE								**HOMELITE**
AP215,150						0.8	BPR6ES	BP6ES
AP220,200						0.8	BPR6ES	BP6ES
DP3						0.8	BPR6ES	BP6ES
FP						0.6	BM6A	BMR6A
S1.5						0.8	BPR6ES	BP6ES
TP2						0.8	BPR6ES	BP6ES
TP3						0.7	BP5HS	
XLS 1.5						0.6	BM6A	BMR6A
HONDA								**HONDA**
W10						0.7	C6HSA	CR6HSA
W20						0.8	BPR6ES	BP6ES
W30						0.8	BPR6ES	BP6ES
WA10						0.6	BM4A	BMR4A
WA15						0.6	BM4A	BMR4A
WA20 (G150)						0.5	B4H	
WA20K1						0.5	B4H	
WA20X						0.8	BPR6ES	BP6ES
WA30 (G200)						0.6	B6HS	BR6HS
WA30X						0.8	BPR6ES	BP6ES
WB10						0.8	BM4A	BMR4A
WB15						0.6	BM4A	BMR4A
WB20X						0.8	BPR6ES	BP6ES
WB30X						0.8	BPR6ES	BP6ES
WH20X						0.8	BPR6ES	BP6ES
WI5						0.7	C6HSA	CR6HSA
WL20						0.7	C6HSA	CR6HSA
SUZUKI								**SUZUKI**
SP20						0.6	BP6HS	BPR6HS
SP30						0.6	BP6HS	BPR6HS
SV1400,L						0.8	BPR6ES	BP6ES
SV1800,L						0.8	BPR6ES	BP6ES
SV2200,L						0.8	BPR6ES	BP6ES
V270						0.6	BP6HS	BPR6HS
VP20H						0.8	BPR6ES	BP6ES
VP30H						0.8	BPR6ES	BP6ES
YAMAHA								**YAMAHA**
EP20						0.7	BPR6HS	
YP10G						0.7	B7HS	BR7HS
YP12DJ	F					0.6	BP6HS	BPR6HS
YP12DJ	T					0.7	BP7HS	
YP20G	N					0.7	BP4HS	BPR4HS
YP20G						0.7	B7HS	BR7HS
YP20N	T					0.6	B6HS	BR6HS
YP20T						0.6	BP6HS	BPR6HS
YP30	T					0.6	BP6HS	BPR6HS
YP30G	N					0.8	BPR5ES	BP5ES
YP30G						0.6	BP6HS	BPR6HS
YP30N	T					0.6	BP6HS	BPR6HS

GLOW PLUG CONVERSION CHART

Beru to **NGK**



BERU	NGK
100101305	DG-237
100101306	DG-237
100220103	Y-207T
100220113	Y-204RS
100220114	Y-112M1
100220115	Y-112R1
100220118	Y-705RS
100220206	Y-403T
100221101	Y-302
100221102	Y-208T
100221103	Y-208T
100221106	Y-208T
100221107	Y-902R
100221125	Y-902R
100221132	Y-902R
100221133	Y-902R
100221135	Y-908R
100221141	Y-909R
100221144	Y-911R
100221145	Y-902R
100221146	Y-910R
100221147	Y-115T1
100221148	Y-128T
100221149	Y-117RS
100221151	Y-118T1
100221152	Y-204TS1
100221154	Y-107R
100221163	Y-917U
100221170	Y-739R
100221186	Y-306R
100221206	Y-404
100221209	Y-403-1
100221210	Y-405
100221301	Y-811
100221698	Y-935U
100222101	Y-118R
100222102	Y-168R
100222106	Y-508J
100222301	Y-403-1
100222301	Y-810
100222302	Y-810
100226129	Y-729U
100226163	Y-913M
100226164	Y-933J
100226170	Y-712RS
100226171	Y-712RS
100226173	Y-918R
100226180	Y-146R
100226182	Y-147T
100226183	Y-115R1
100226184	Y-730U
100226185	Y-922R
100226186	Y-923U
100226188	Y-731U
100226189	Y-914U
100226194	Y-707RS
100226206	Y-604J
100226207	Y-710J
100226208	Y-711J
100226209	Y-307R
100226227	Y-732U
100226229	Y-924U
100226234	Y-916R
100226235	Y-925R
100226237	Y-933J
100226238	Y-740U
100226243	Y-715R
100226245	Y-506J
100226246	Y-738U
100226249	Y-928U
100226250	Y-929U
100226255	Y-605J
100226255	Y-605J
100226258	Y-930U
100226299	Y-927J
100226300	Y-748U
100226336	Y-701J
100226338	Y-501U
100226343	Y-741U
100226344	Y-504J
100226344	Y-504J
100226351	Y-517J
100226352	Y-530J
100226354	Y-502R
100226362	Y-507J
100226365	Y-746J
100226366	Y-924J
100226371	Y-503J
100226372	Y-747U
100226373	Y-732J
100226375	Y-516J
100226379	Y-745U
100226381	Y-937J
100226384	Y-524J
100226385	Y-525J
100226391	Y-939J
100226391	Y-939J
100226391	Y-939J
100226392	Y-543J
100226417	Y-523J
100226422	Y-749J
100226432	Y-926U
100226436	Y-534J
100226473	Y-745U
100226475	Y-532J
100226480	Y-542J
100226482	Y-741U
100226489	Y-523J
100226492	Y-1005J
100226495	Y-603J
100226497	Y-541J
100226510	Y-517J
100226527	Y-531J
100230101	Y-118T
100230101	Y-181T
100230102	Y-162R1
100230102	Y-162R1
100230107	Y-755RS
100231104	Y-157R
100231104	Y-157R
100231107	Y-197R
100231107	Y-197R
100231109	Y-757RS
100231109	Y-757RS
100231114	Y-197T
100266002	Y-547AS
100266002	Y-547AS
100266008	Y-607AS
100266009	YE14
100266011	Y-8002AS
100266016	Y-609AS
100266040	Y-1002AS
100276004	YE04
100276005	YE12
100276008	Y-8003J
100276012	YE05
100276014	YE13
100276015	YE07
100800031	Y-519J
1006226255	Y-605J
105MJ	Y-403-1
105MN	Y-208T
106MJ	Y-403-1
107M	Y-810
107MJ	Y-810
108MJ	Y-810
112M	Y-302
130MJ	Y-405
137MJ	Y-403T
141MJ	Y-207T
141MJ	Y-207T
151MJ	Y-208T
155MJ	Y-404
161MJ	Y-208T
162MJ	Y-207T
162MJ	Y-207T
170MJ	Y-811
171MJ	Y-810
601MJ	Y-918R
602MJ	Y-208T
603MJ	Y-924J
609MJ	Y-902R
613MJ	Y-902R
624MJ	Y-902R
631MJ	Y-907R
633MJ	Y-902R
636MJ	Y-924J
642MJ	Y-924J
657MJ	Y-909R
661MJ	Y-910J
663MJ	Y-924J
666MJ	Y-910J
673MJ	Y-115T1
678MJ	Y-128T
685MJ	Y-117RS
689MJ	Y-204TS1
705MJ	Y-107R
719MJ	Y-924J
730MJ	Y-739R
749MJ	Y-306R



GLOW PLUG CONVERSION CHART

Beru to **NGK**

BERU	NGK
783MJ	Y-729U
844MJ	Y-933J
852MJ	Y-913J
853MJ	Y-712RS
854MJ	Y-712RS
855MJ	Y-732J
857MJ	Y-918J
858MJ	Y-916J
860MJ	Y-930U
880MJ	Y-157R
886MJ	Y-146R
887MJ	Y-181T
888MJ	Y-204RS
889MJ	Y-112M1
890MJ	Y-162R1
892MJ	Y-112R1
894MJ	Y-118R
895MJ	Y-197R
896MJ	Y-168R
897MJ	Y-147T
898MJ	Y-115R1
905MJ	Y-730U
908MJ	Y-924J
909MJ	Y-924J
912MJ	Y-503J
917MJ	Y-924J
920MJ	Y-705RS
921MJ	Y-707RS
922MJ	Y-757RS
927MJ	Y-910J
944MJ	Y-604J
945MJ	Y-307R
946MJ	Y-710J
947MJ	Y-711J
948MJ	Y-925J
950MJ	Y-732U
954MJ	Y-924J
959MJ	Y-933J
961MJ	Y-929U
963MJ	Y-506J
964MJ	Y-738U
968MJ	Y-715R
969MJ	Y-197T
970MJ	Y-928U
991MJ	Y-927J

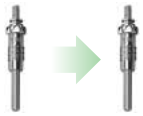
BERU	NGK
999MJ	Y-740U
G 2	Y-902R
G 3	Y-902R
G 4	Y-907R
GD348	DG-237
GD368	DG-237
GD382	DG-237
GE100	Y-607AS
GE101	YE14
GE102	Y-547AS
GE105	Y-8002AS
GE108	Y-609AS
GE115	Y-1002AS
GN003	Y-745U
GN003	Y-745U
GN005	Y-701J
GN005	Y-701J
GN007	Y-741U
GN008	Y-501U
GN010	Y-746R
GN012	Y-502R
GN013	Y-938R
GN015	Y-534J
GN016	Y-503R
GN017	Y-747U
GN018	Y-515J
GN019	Y-516J
GN022	Y-937R
GN024	Y-507R
GN026	Y-517J
GN027	Y-504R
GN030	Y-939J
GN033	Y-523J
GN035	Y-749J
GN039	Y-530J
GN041	Y-534J
GN043	Y-532J
GN044	Y-755RS
GN045	YE12
GN046	Y-741U
GN047	YE04
GN047	YE04
GN056	YE05
GN059	YE07
GN065	Y-531J

BERU	NGK
GN103	Y-603J
GN104	Y-541J
GN109	Y-519J
GN853	Y-712RS
GN854	Y-712RS
GN855	Y-732U
GN857	Y-918R
GN858	Y-916R
GN860	Y-930U
GN905	Y-730U
GN908	Y-922R
GN909	Y-923U
GN912	Y-731U
GN917	Y-914U
GN921	Y-722J
GN925	Y-926U
GN927	Y-935U
GN939	Y-525J
GN944	Y-604J
GN948	Y-925R
GN954	Y-924U
GN959	Y-932R
GN961	Y-929U
GN963	Y-506R
GN964	Y-738U
GN970	Y-928U
GN985	Y-605J
GN991	Y-927R
GN992	Y-748U
GN993	Y-524J
GN999	Y-740U
GV105	Y-208T
GV106	Y-403-1
GV107	Y-810
GV108	Y-810
GV112	Y-302
GV130	Y-405
GV137	Y-403T
GV151	Y-208T
GV155	Y-404
GV170	Y-811
GV602	Y-208T
GV603	Y-902R
GV624	Y-902R
GV631	Y-907R

BERU	NGK
GV636	Y-902R
GV642	Y-908R
GV657	Y-909R
GV661	Y-911R
GV663	Y-920R
GV666	Y-910R
GV673	Y-115T1
GV678	Y-128T
GV685	Y-117RS
GV688	Y-118T1
GV689	Y-204TS1
GV705	Y-107R
GV719	Y-917U
GV730	Y-739R
GV749	Y-306R
GV783	Y-729U
GV844	Y-933R
GV852	Y-913M
GV880	Y-157R
GV886	Y-146R
GV887	Y-181T
GV888	Y-204RS
GV889	Y-112M1
GV890	Y-162R1
GV892	Y-112R1
GV894	Y-118R
GV895	Y-197R
GV896	Y-168R
GV897	Y-147T
GV898	Y-115R1
GV920	Y-705RS
GV921	Y-707RS
GV922	Y-757RS
GV945	Y-307R
GV946	Y-742U
GV947	Y-711J
GV968	Y-715R
GV969	Y-197T

GLOW PLUG CONVERSION CHART

Bosch to **NGK**

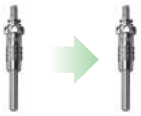


Bosch	NGK
250001008	DG-237
250001010	DG-237
250001012	DG-237
250001016	DG-237
250001416	DG-237
250200013	Y-811
250200014	Y-810
250200020	Y-810
250200035	Y-302
250200037	Y-404
250200046	Y-403-1
250200048	Y-405
250200049	Y-207T
250200051	Y-403T
250200052	Y-207T
250200053	Y-909R
250200054	Y-208T
250200055	Y-810
250200056	Y-208T
250200058	Y-208T
250200059	Y-208T
250200060	Y-208T
250200063	Y-207T
250200065	Y-208T
250200068	Y-208T
250200069	Y-908R
250200069	Y-924J
250200420	Y-810
250200420	Y-810
250200451	Y-403T
250200451	Y-403T
250200454	Y-208T
250200454	Y-208T
250200456	Y-208T
250200456	Y-208T
250200465	Y-208T
250200465	Y-208T
250200468	Y-208T
250200468	Y-208T
250201001	Y-902R
250201004	Y-918R
250201005	Y-902R
250201006	Y-908R
250201008	Y-902R
250201009	Y-902R

Bosch	NGK
250201011	Y-918R
250201012	Y-909R
250201013	Y-902R
250201015	Y-918R
250201017	Y-907R
250201019	Y-902R
250201021	Y-918R
250201026	Y-916R
250201027	Y-917U
250201027	Y-917U
250201029	Y-913M
250201032	Y-918R
250201033	Y-923U
250201034	Y-909R
250201035	Y-930U
250201038	Y-925R
250201039	Y-902R
250201041	Y-916R
250201042	Y-924J
250201043	Y-913M
250201049	Y-937R
250201050	Y-932R
250201053	Y-939J
250201405	Y-902R
250201415	Y-918R
250202001	Y-907R
250202002	Y-739R
250202003	Y-115T1
250202004	Y-128T
250202005	Y-117RS
250202006	Y-118T1
250202007	Y-107T
250202008	Y-306R
250202009	Y-732U
250202013	Y-204RS
250202015	Y-103
250202017	Y-112R1
250202018	Y-910R
250202020	Y-731U
250202022	Y-732U
250202023	Y-741U
250202024	Y-927R
250202025	Y-730U
250202026	Y-929U
250202028	Y-504R

Bosch	NGK
250202029	Y-745U
250202030	Y-543J
250202032	Y-504R
250202033	Y-935U
250202034	Y-928U
250202035	Y-506R
250202036	Y-534J
250202038	Y-1031J
250202040	Y-729U
250202041	Y-746R
250202042	Y-748U
250202043	Y-523J
250202045	Y-745U
250202048	Y-1005J
250202051	Y-146R
250202054	Y-118R
250202058	Y-147T
250202064	Y-755RS
250202065	Y-904M1
250202069	Y-112M1
250202071	Y-181T
250202076	Y-197R
250202077	Y-705RS
250202085	Y-742U
250202086	Y-306R
250202087	Y-711J
250202089	Y-701J
250202090	Y-1006J
250202092	Y-733J
250202093	Y-712RS
250202094	Y-733J
250202095	Y-532J
250202096	Y-715R
250202097	Y-197T
250202102	Y-501U
250202103	Y-507R
250202107	Y-157R
250202110	Y-112T
250202119	Y-178T
250202124	Y-1007J
250202125	Y-531J
250202128	Y-517J
250202129	Y-516J
250202131	Y-524J
250202135	Y-1005J

Bosch	NGK
250202136	Y-904M1
250202140	Y-929U
250202142	Y-745U
250202254	Y-1037J
250203001	YE07
250203002	Y-8003J
250204001	YE04
250312001	CY51
250312002	CY52
250312003	CY53
250312007	CZ257
250402002	Y-547AS
250402005	Y-607AS
250403002	YE14



GLOW PLUG CONVERSION CHART

Champion to **NGK** • Denso to **NGK**

Champion	NGK
AG32	Y-302
AG44	Y-811
CH101	Y-115R1
CH102	Y-112M1
CH103	Y-118T1
CH104	Y-197R
CH105	Y-204SS
CH110	Y-104R
CH121	Y-118T1
CH132	Y-118R
CH137	Y-908R
CH144	Y-110
CH147	Y-910R
CH154	Y-715R
CH158	Y-711J
CH159	Y-917U
CH160	Y-918R
CH161	Y-755RS
CH162	Y-707RS
CH163	Y-405
CH163 / 204	Y-923U
CH166	Y-747U
CH167 / 302	Y-928U
CH169	Y-730U
CH170	Y-504R
CH171	Y-732U
CH172	Y-740U
CH173	Y-913M
CH174	Y-914U
CH175	Y-930U
CH176	Y-916R
CH177	Y-925R
CH178	Y-729U
CH179	Y-932R
CH180	Y-745U
CH181	Y-741U
CH184	Y-515J
CH185	Y-503R
CH189	Y-938R
CH196	Y-524J
CH203	Y-507R
CH204	Y-929U
CH205 / 196	Y-937R
CH206	Y-927R
CH207	Y-748U
CH208	Y-738U

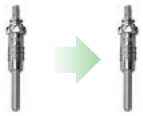
Champion	NGK
CH209	Y-939J
CH215	Y-501U
CH216	Y-502R
CH217	Y-506R
CH218	Y-745U
CH219	Y-746R
CH221	Y-115T1
CH222	Y-534J
CH223	Y-8003J
CH224	YE07
CH263	Y-1007J
CH268	Y-1005J
CH271	Y-732J
CH32	Y-302
CH44	Y-811
CH60	Y-207T
CH600	CY52
CH601	CY53
CH602	CY57
CH607	CZ256
CH61	DG-237
CH63	Y-208T
CH64	Y-404
CH65	Y-810
CH66	Y-403T
CH68	Y-902R
CH68 / 002	Y-523J
CH69	Y-901R
CH70	Y-909R
CH701	Y-547AS
CH79	Y-907R
CH87	Y-208T
CH88	Y-902R
CH90	Y-739R
CH94	Y-115T1
CH95	Y-146R
CH95 / 302	Y-703R
CH96	Y-204RS
CH97	Y-107R
CH98	Y-117RS
CH99	Y-117SS

Denso	NGK
067100-0160	DG-211
067100-1042	Y-402-2
067100-1043	Y-452-1
067100-1070	Y-176
067100-1071	Y-176
067100-1090	Y-108
067100-1120	Y-178
067100-1130	Y-128
067100-1161	Y-178T
067100-1170	Y-128T
067100-1171	Y-128T
067100-1270	Y-118T1
067100-1330	Y-147T
067100-1340	Y-197T
067100-1350	Y-128T
067100-1360	Y-178T
067100-1370	Y-118R
067100-1380	Y-168R
067100-1430	Y-146R
067100-1460	Y-197R
067100-1530	Y-146R
067100-1630	Y-118T1
DG-176	Y-745U
DG001	Y-924J
DG002	Y-918R
DG003	Y-731U
DG004	Y-910R
DG005	Y-732U
DG006	Y-913M
DG007	Y-937R
DG008	Y-506R
DG009	Y-927R
DG010	Y-916R
DG101	Y-730U
DG101	Y-740U
DG102	Y-928U
DG103	Y-932R
DG104	Y-711RS
DG105	Y-115T1
DG106	Y-925R
DG110	Y-929U
DG111	Y-502R
DG113	YE04
DG115	Y-729U
DG116	Y-504R
DG117	Y-925U

Denso	NGK
DG118	Y-748U
DG119	Y-930U
DG120	Y-707RS
DG123	Y-907R
DG124	Y-710R
DG126	Y-517J
DG127	Y-747U
DG137	Y-712RS
DG143	Y104R
DG144	Y-732U
DG145	Y-507R
DG146	Y-701J
DG155	Y-746R
DG159	Y-307R
DG161	Y-923U
DG170	YE07
DG171	Y-8003J
DG178	Y-547AS
DG202	Y-909R
DG211	Y-715R
DG214	Y-532J
DG215	Y-118R
DG216	Y-703R
DG221	Y-118T1
DG222	Y-197R
DG223	Y-146R
DG232	Y-147T
DG233	Y-197T
DG234	Y-128T
DG235	Y-178T
DG239	Y-168R
DG240	Y-542J
DG245	Y-531J
DG300	CY53
DG301	CY57
DG302	CZ22
DG304	CY52

GLOW PLUG CONVERSION CHART

HKT to **NGK** • Motorcraft to **NGK**

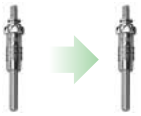


HKT	NGK
B-110	Y-749J
B-120	Y-508J
CP-01	CY51
CP-02	CY52
CP-03	CY08
CP-05	CZ256
CP-07	CY07
CP-22	Y-1013J
CP-50	Y-603J
CP-51	CZ22
CP-70	CZ-01
CP60	Y-107R
CP73	CZ258
PD-190	Y-146R
PD-191	Y-703R
PD-99	Y-108
PH-20	Y-173
PH-21	Y-176
PH26	Y-173
PI-12	DG-200A-1
PI-13	DG-205
PI-173	Y-784M
PI-40	Y-874-1
PI-41	Y-808-1
PI-42	Y-104
PI-43	Y-154
PI-44	Y-271-2
PI-45	Y-306R
PI-46	Y-104R
PI-47	Y-154R
PI-48	Y-154RS
PI-49	Y-904M1
PI-50	Y-954M
PI-51	Y-711R
PI-57	Y-711RS
PI-58	Y-710R
PI-59	Y-719RS
PK-111	Y-159
PK-112	Y-109
PK-96	Y-174TS
PK-98	Y-171
PM-160	Y-274R
PM-161	Y-115R1
PM-164	Y-733J
PM-165	CZ256
PM-169	YE13
PM-60	Y-172

HKT	NGK
PM-61	Y-175-2
PM-62	Y-102
PM-63	Y-201
PM-64	Y-802-2
PM-65	Y-251
PM-66	Y-180
PM-71	Y-172
PM-73	Y-274
PM-75	Y-115T1
PM-78	Y-971M
PM-79	Y-114T
PM165	CZ256
PM167	CZ257
PM168	Y-1007J
PM70	Y-182T
PN-120	Y-181T
PN-121	Y-204RS
PN-122	Y-202-2
PN-123	Y-112M1
PN-124	Y-162R1
PN-125	Y-272R1
PN-126	Y-117RS
PN-127	Y-117SS
PN-128	Y-112R1
PN-129	Y-204SS
PN-130	Y-272T
PN-131	Y-755RS
PN-132	Y-705RS
PN-133	Y-144SS
PN-134	Y-144RS
PN-135	Y-707RS
PN-136	Y-757RS
PN-137	Y-955RS
PN-138	T-712RS
PN-81	Y-103
PN-82	Y-252
PN-84	Y-202
PN-85	Y-103-1
PN-86	Y-103-2
PN-87	Y-112T
PN-88	Y-177-1
PN-89	Y-204TS1
PS-200	Y-149
PS-201	Y-103V
PS-202	Y-106V
PS-203	Y-107V
PS-204	Y-106-1

HKT	NGK
PS-205	Y-701R
PS-206	YE01
PS-207	Y-709R
PS-209	Y-119V
PS-210	Y-702U
PS-215	Y-766MS
PS-216	Y-145T
PS-217	Y-182T-1
PS-219	YA-01
PT-100	Y-128T
PT-101	Y-178T
PT-103	Y-118T1
PT-104	Y-128T
PT-107	Y-146R
PT-108	Y-197T
PT-109	Y-178T
PT-140	Y-118R
PT-141	Y-197R
PT-142	Y-168R
PT-144	Y-118T1
PT-145	Y-147T
PT-147	Y-146R
PT-150	Y-703R
PT-151	Y-715R
PT-151M	Y-118T-1
PT-37	Y-701R
PT-90	Y-402-2
PT-91	Y-452-1
PT-93	Y-128
PT-94	Y-178
PT102	Y-173
PT152	Y-532J
PT153	Y-532J
PT155	Y-715R
PT157	Y-531J
PT158	Y-744M
PT92	Y-173
PZ-30	Y-107T
PZ-31	Y-157R
PZ-33	Y-107R
PZ-34	Y-122
PZ-36	Y-721RS
PZ-39	Y-701J
PZ-701	Y-771R
PZ32	Y-157R

Motorcraft	NGK
1037204	Y-732J
1056857	Y-937J
1079401	Y-524J
1096527	Y-525J
1690048	Y-741U
3252725	Y-107R
5023372	Y-208T
5031006	Y-924J
6132246	Y-907R
6154593	Y-924J
7088988	Y-910J
84BB6M090AA	Y-924J
84FF6M090B2A	Y-907R
93FF6M090AA	Y-910J
95VW6M090AB	Y-732J
96FF6M090CA	Y-937J
EZD1	Y-810
EZD10	Y-918J
EZD18	Y-115T1
EZD19	Y-128T
EZD20	Y-117RS
EZD21	Y-118T1
EZD22	Y-107T
EZD30	Y-924J
EZD39	Y-937J
EZD40	YE04
EZD41	Y-504J
EZD5	Y-924J
V94DX6M090AA	Y-924J
V95DD6M090AA	Y-741U
XM3412A342BA	Y-701J
XS4U6M090AB	Y-524J
XS7U6M090BA	Y-525J



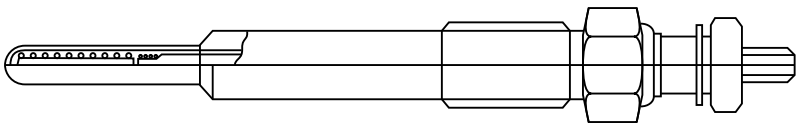
GLOW PLUG CONVERSION CHART

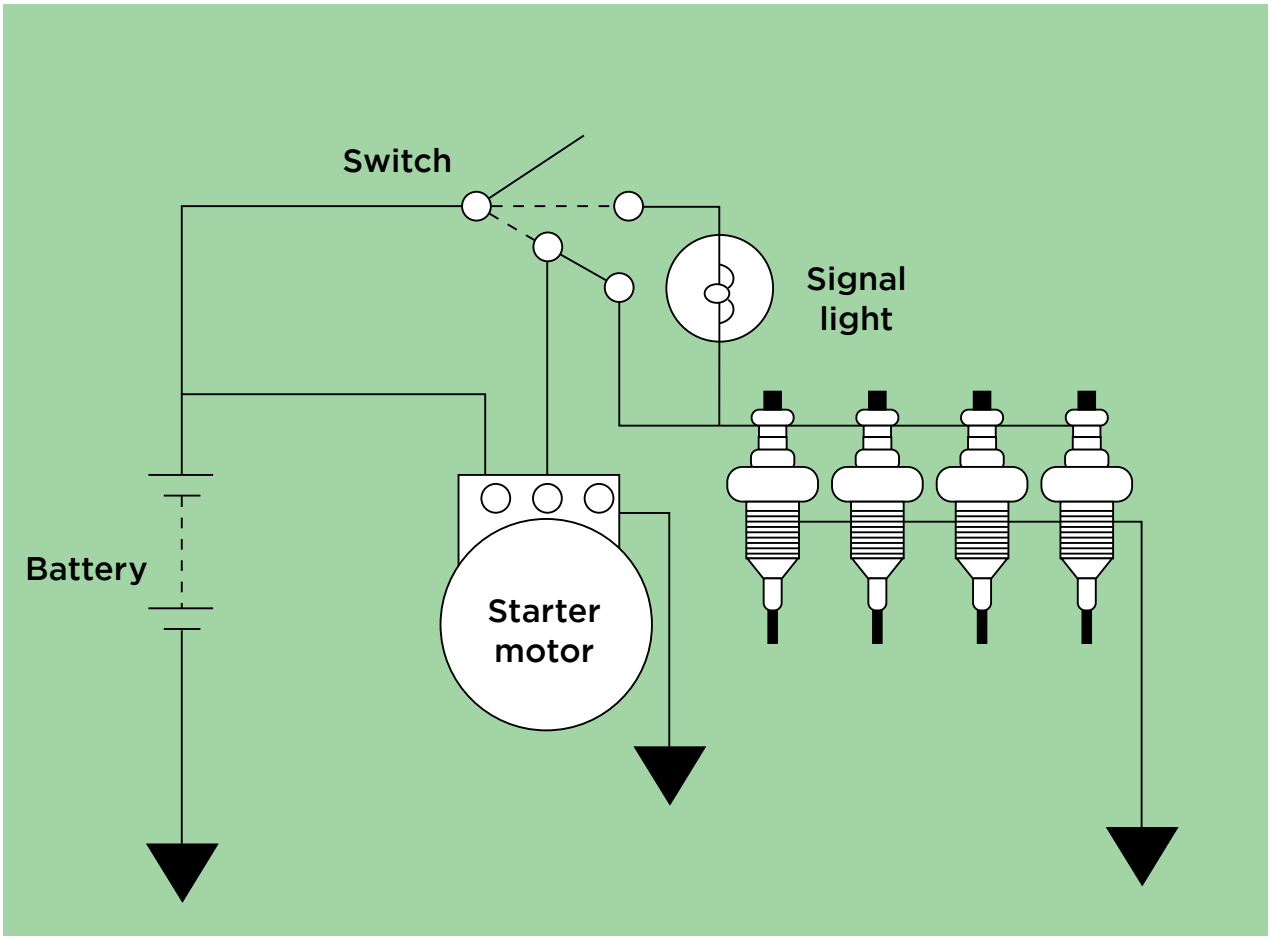
Toyota to **NGK**

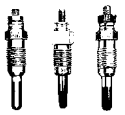


Toyota	NGK
19850-26010	Y-1012J
19850-27010	Y-531J
19850-30010	Y-531J
19850-54030	Y-118T1
19850-54031	Y-118T1
19850-54050	Y-118R
19850-54060	Y-168R
19850-54090	Y-715R
19850-56012	Y-178T
19850-56021	Y-128T
19850-56022	Y-128T
19850-64010	Y-146R
19850-64020	Y-703R
19850-64031	Y-532J
19850-64050	Y-532J
19850-68010	Y-147T
19850-68020	Y-197T
19850-68030	Y-128T
19850-68040	Y-178T
19850-68060	Y-197R

The heating coil is enclosed in a tube made of heat resistant alloy therefore the coil is not exposed to the combustion gas, giving improved coil durability.





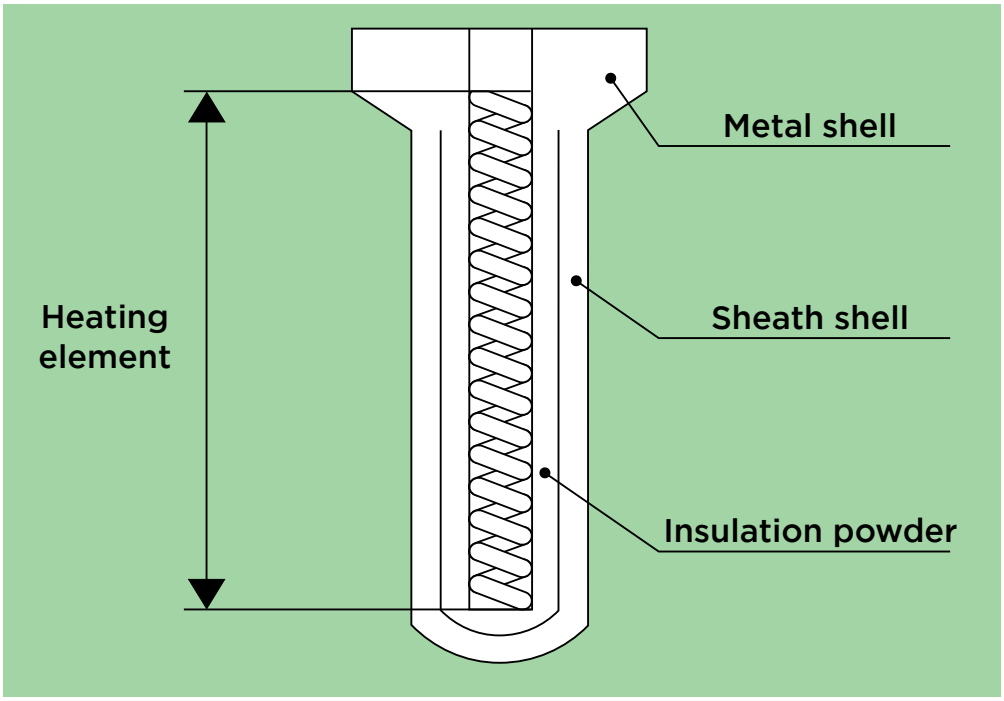


NGK GLOW PLUG TYPES & FEATURES

SHEATHED TYPE GLOW PLUG

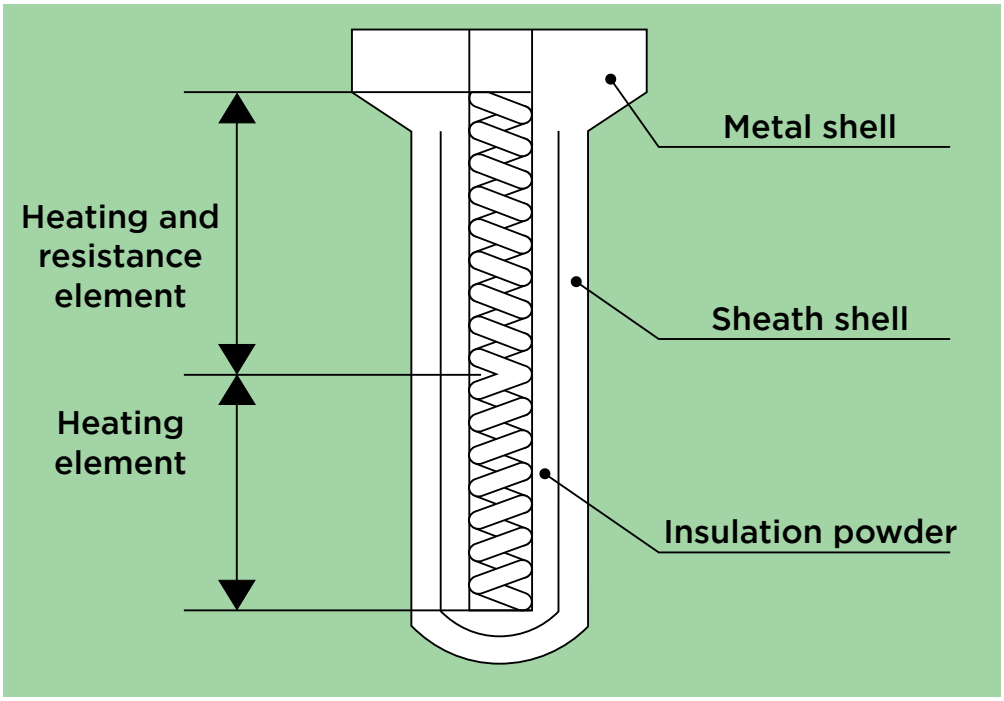
SINGLE COIL TYPE

- The warm up time of the tip is slow.
- The coil will be damaged if current flows continuously.



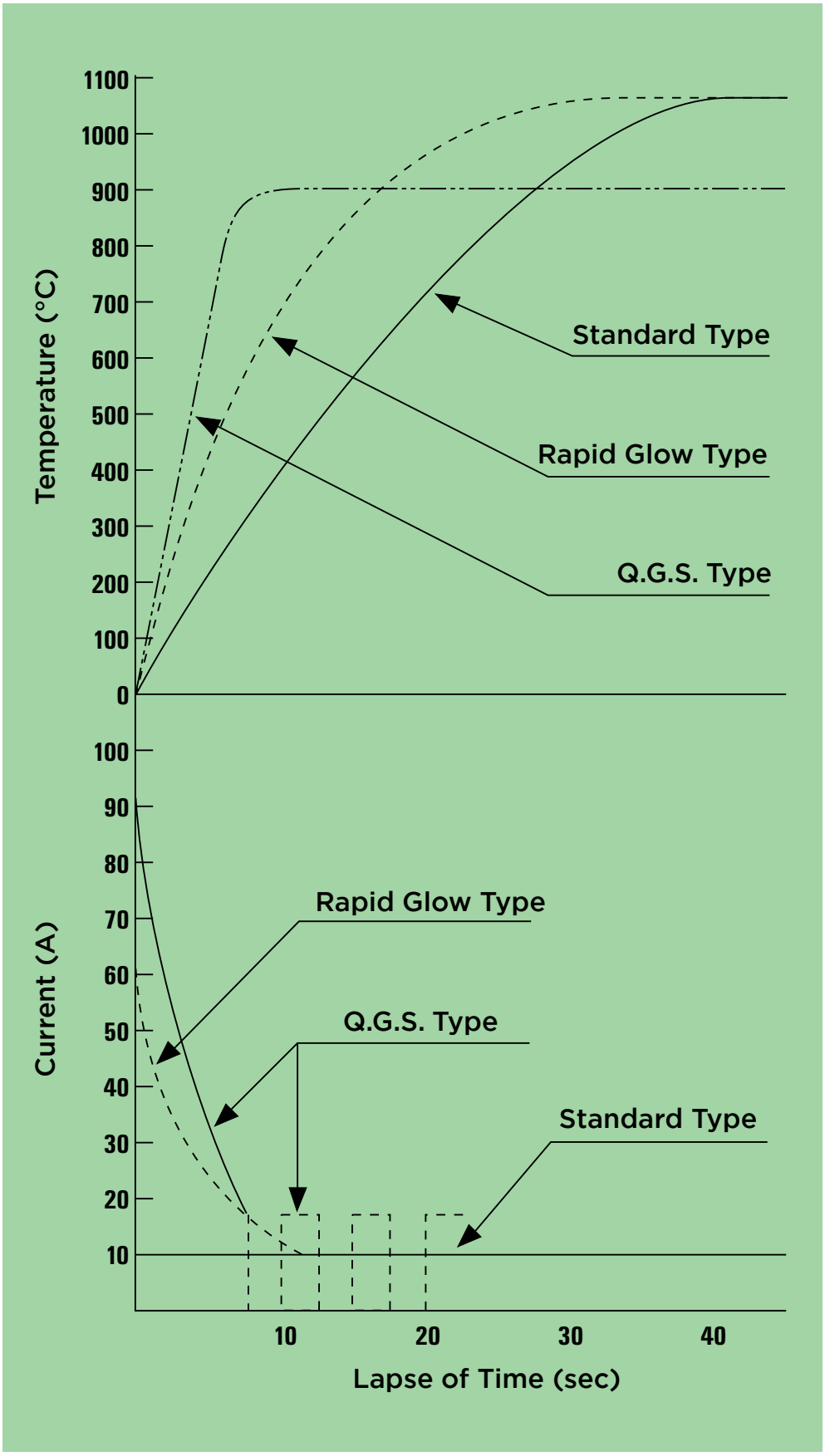
DOUBLE COIL TYPE

- The warm up time is much faster.
- The coil will not be damaged if current flows continuously
- Improved durability.



NGK GLOW PLUG TEMPERATURE CHARACTERISTICS

METAL SHEATHED GLOW PLUGS



STANDARD TYPE

The resistance of the heating coil does not change with temperature. Therefore, the current flowing through the coil is constant.

RAPID GLOW TYPE

The resistance of the heating coil increases as its temperature rises. Therefore when the coil is cold its resistance is low, allowing higher currents to flow which results in more rapid warm up.

Q.G.S. TYPE

The resistance characteristic of the heating coil is similar to that of the rapid glow type.

However, the total resistance value is lower which allows higher current to flow and therefore the warm up time is very quick.

Once the glow plug tip temperature has reached 900°C, its temperature is maintained by the controller relay switching the current on and off.

It is essential that the correct voltage and current are used in line with the vehicle manufacturers recommendations. If the voltage or battery capacity is too low, the glow plug will not get hot enough and the vehicle may fail to start. If the voltage is too high the heating coil may melt or the glow plugs service life will be reduced.

The pre-heating time for sheathed glow plugs is 20 seconds for standard types, 13 - 17 seconds for rapid glow plug types and 6 seconds for QGS types. For coil glow plugs it is 30 seconds.

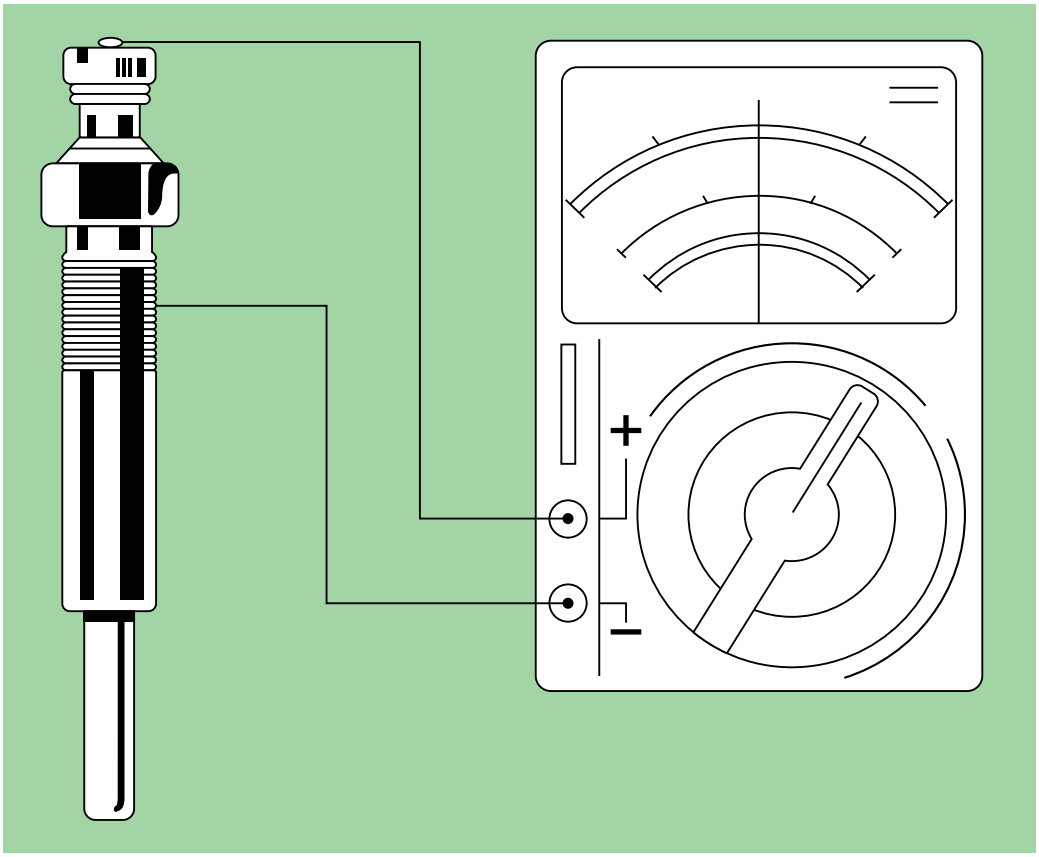
In case of starting difficulties, do not allow current to flow continuously. This will drain the battery and reduce the service life of the glow plug. It is better to turn the glow plugs off for a short while and then try again.

INSPECTION OF SHEATHED TYPE GLOW PLUGS

In order to check the heating coil, measure its resistance as shown in the drawing.

Resistance value ∞ : The heating coil is broken

Resistance value less than 5 Ω : The heating coil is in good condition





TEMPERATURE RISE AND CURRENT FLOW CHARACTERISTICS

Glow Plugs	Type of Glow Plugs	Temperature Rise Time
YI-01, YI-02, YM-01,YM-02	Standard Type	20 - 25 seconds to 800°C
YM-03, YT-01, YZ-02	Fast Heating Type	13 - 27 seconds to 800°C
YI-03,YI-04, YZ-01	QGS Type	6 seconds to 900°C
YT-02	Self-Regulating Type	8 seconds to 900 °C

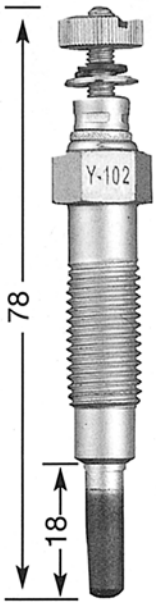
* *PLEASE NOTE: that all these glow plugs are sheathed type glow plugs.*

TIPS ON INSTALLING GLOW PLUGS

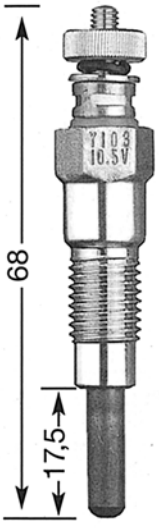
- Ensure that all thread area's are clean and not damaged
- To ensure no cross-threading, please tighten the glow plugs by hand into the combustion chambers
- Apply correct torque to the glow plugs as indicated in the chart below

Thread Diameter	Tightening Torque
10mm	15~20N•m (1.5~2.0Kgm)
12mm	20~25N•m (2.0~2.5Kgm)
14mm	20~25N•m (2.0~2.5Kgm)
18mm	20~30N•m (2.0~3.0Kgm)

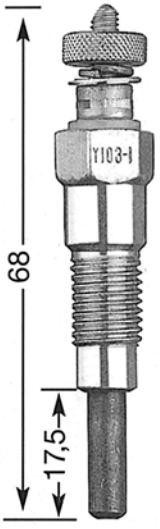
SERIES OF GLOW PLUG
(ACTUAL SIZE)



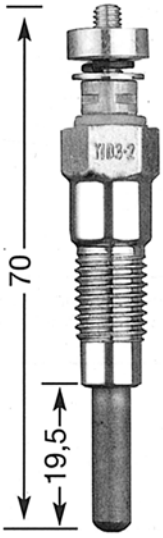
Y-102
M 10 x 1.25
12 Hex
10,5 V



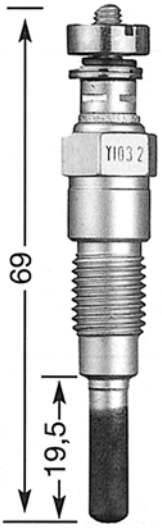
Y-103
M 10 x 1.25
12 Hex
10,5 V



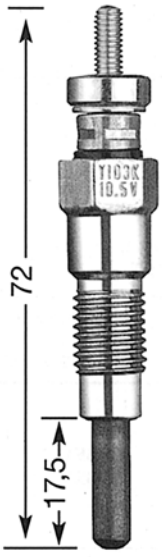
Y-103-1
M 10 x 1.25
12 Hex
10,5 V



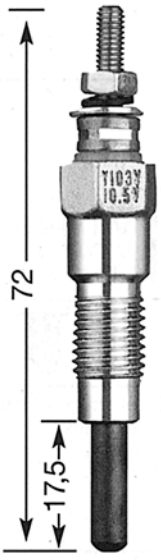
Y-103-2
M 10 x 1.25
12 Hex
10,5 V



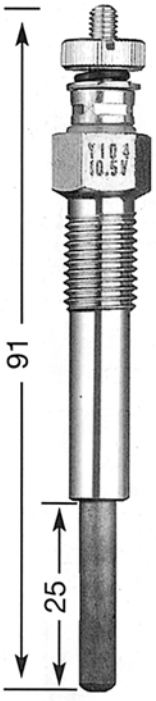
Y-103-2A
M 10 x 1.25
12 Hex
10,5 V



Y-103 K
M 10 x 1.25
12 Hex
10,5 V



Y-103 V
M 10 x 1.25
12 Hex
10,5 V



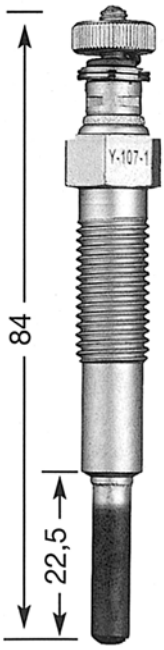
Y-104
M 10 x 1.25
12 Hex
10,5 V



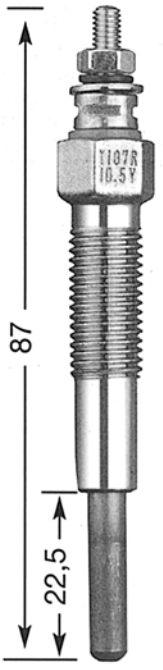
Y-106-1
M 10 x 1.25
12 Hex
10,5 V



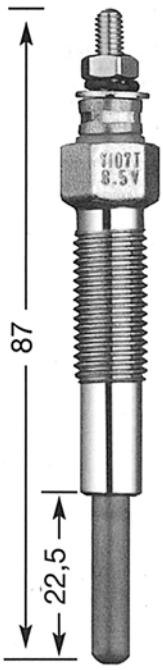
Y-106 V
M 10 x 1.25
12 Hex
10,5 V



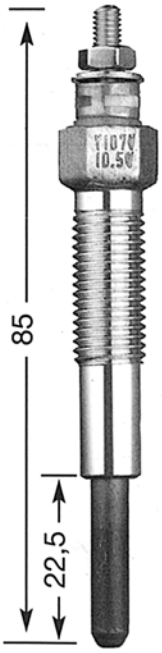
Y-107-1
M 10 x 1.25
12 Hex
10,5 V



Y-107 R
M 10 x 1.25
12 Hex
10,5 V



Y-107 T
M 10 x 1.25
12 Hex
8,5 V

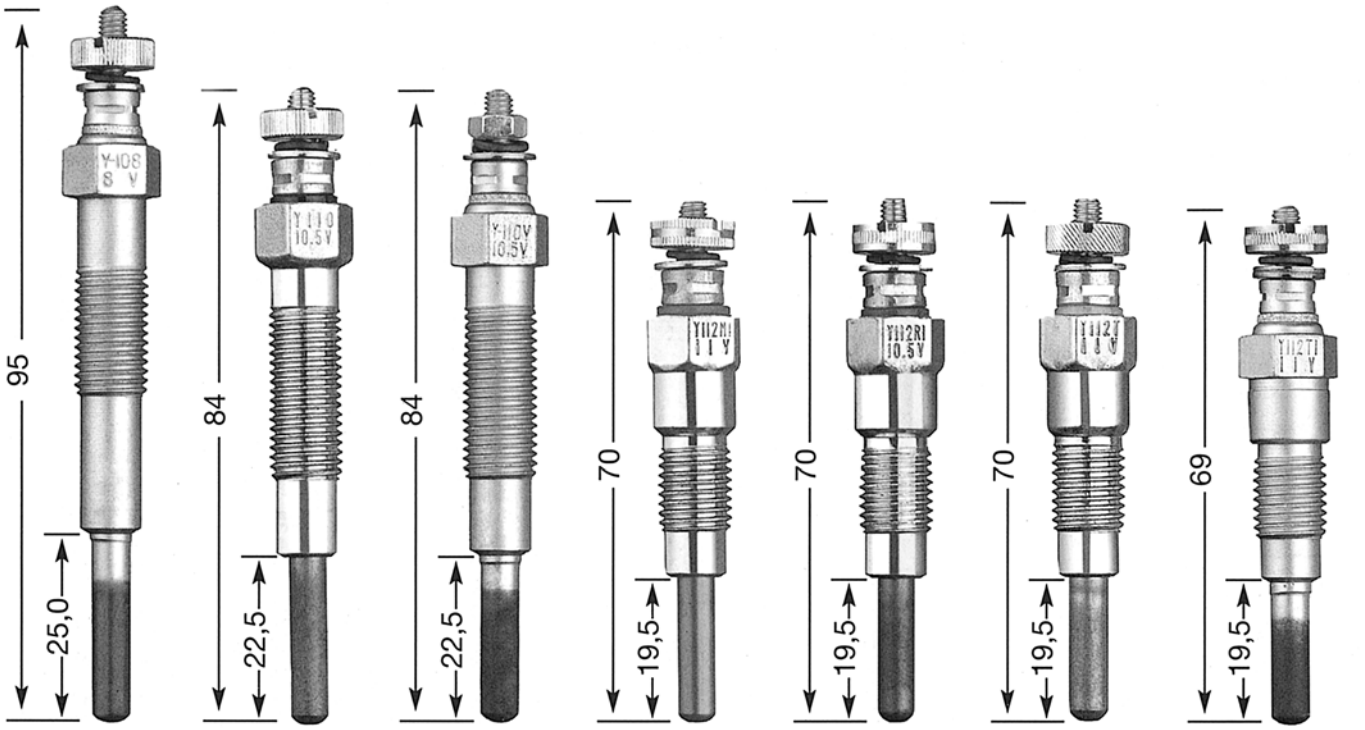


Y-107 V
M 10 x 1.25
12 Hex
10,5 V

SERIES OF GLOW PLUG

(ACTUAL SIZE)





Y-108
M 10 x 1.25
12 Hex
8 V

Y-110
M 10 x 1.25
12 Hex
10,5 V

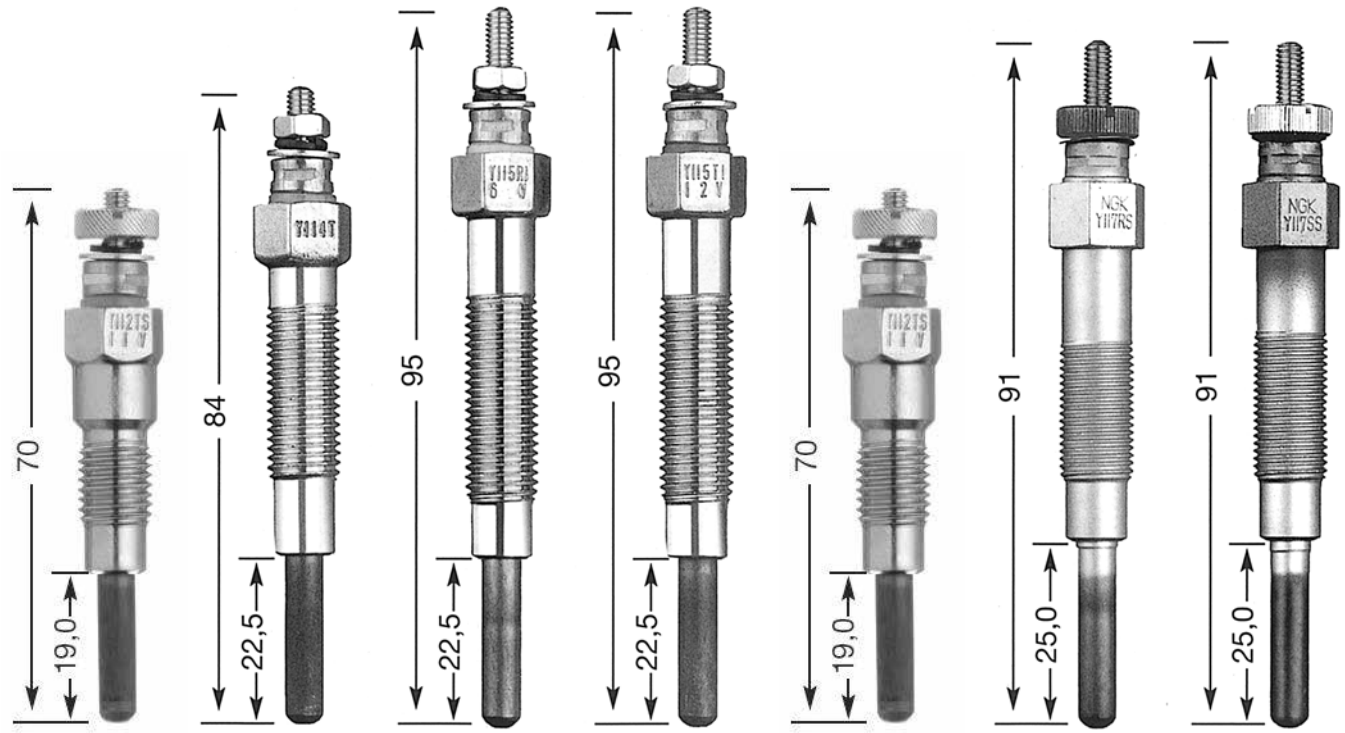
Y-110 V
M 10 x 1.25
12 Hex
10,5 V

Y-112 M1
M 10 x 1.25
12 Hex
11 V

Y-112 R1
M 10 x 1.25
12 Hex
10,5 V

Y-112 T
M 10 x 1.25
12 Hex
11 V

Y-112 T1
M 10 x 1.25
12 Hex
11 V



Y-112 TS

M 10 x 1.25
12 Hex
11 V

Y-114 T

M 10 x 1.25
12 Hex

Y-115 R1

M 10 x 1.25
12 Hex
6 V

Y-115 T1

M 10 x 1.25
12 Hex
12 V

Y-116 V

M 10 x 1.25
12 Hex
10,5 V

Y-117 RS

M 10 x 1
12 Hex
6,5 V

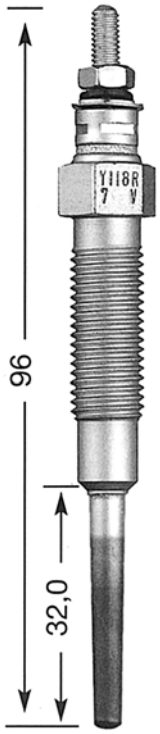
Y-117 SS

M 10 x 1
12 Hex
8,5 V

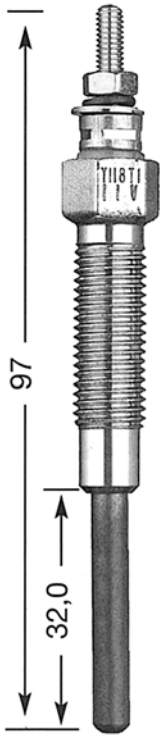
SERIES OF GLOW PLUG

(ACTUAL SIZE)





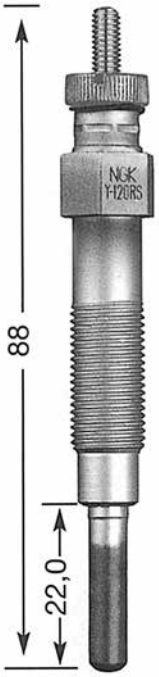
Y-118 R
M 10 x 1.25
12 Hex
7 V



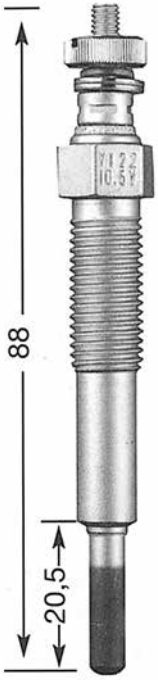
Y-118 T1
M 10 x 1.25
12 Hex
11 V



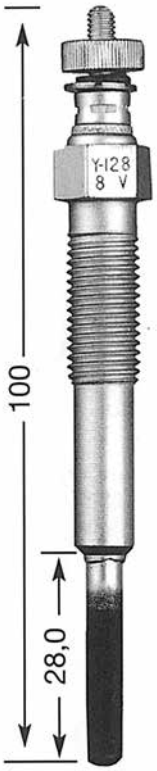
Y-119 V
M 10 x 1.25
12 Hex
10,5 V



Y-120 RS
M 10 x 1
12 Hex
6,5 V



Y-128
M 10 x 1.25
12 Hex
8 V



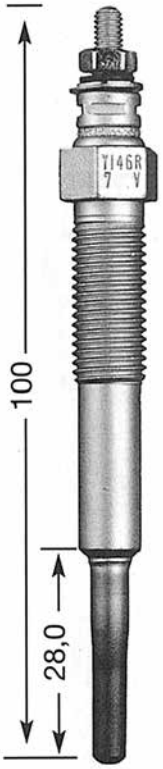
Y-128 T
M 10 x 1.25
12 Hex
8,5 V



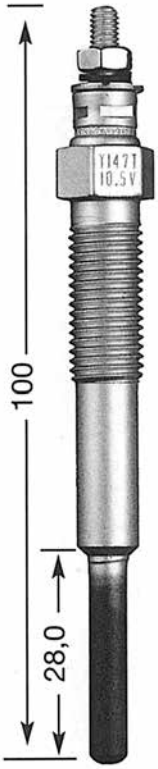
Y-142 T
M 10 x 1.25
12 Hex
12 V



Y-145 T
M 10 x 1.25
12 Hex
10,5 V



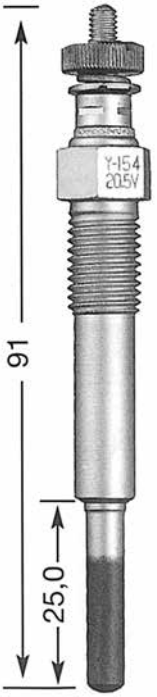
Y-146 R
M 10 x 1.25
12 Hex
7 V



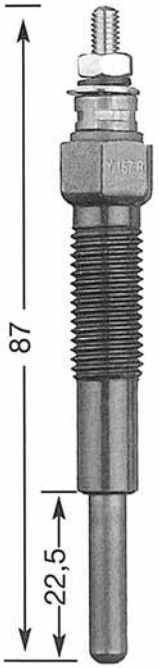
Y-147 T
M 10 x 1.25
12 Hex
10,5 V



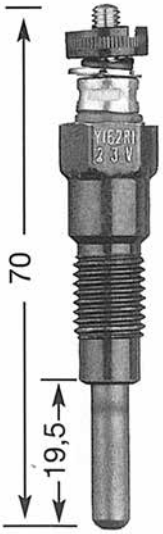
Y-149
M 10 x 1.25
12,5 Hex
12,5 V



Y-154
M 10 x 1.25
12 Hex
20,5 V



Y-157 R
M 10 x 1.25
12 Hex
23 V

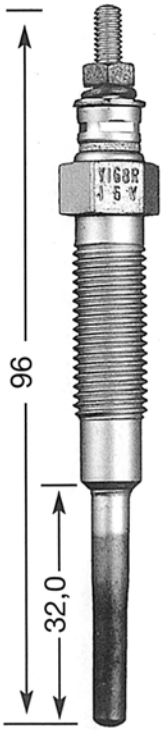


Y-162 R1
M 10 x 1
12 Hex
23 V

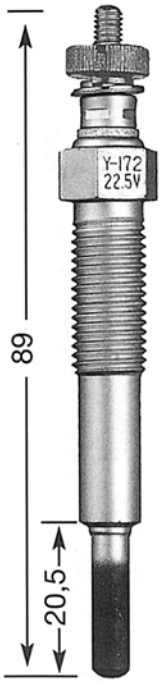
SERIES OF GLOW PLUG

(ACTUAL SIZE)

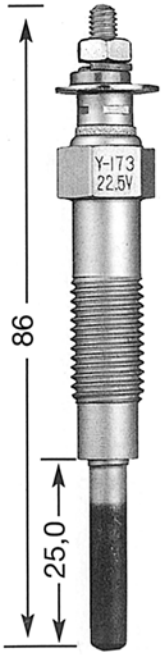




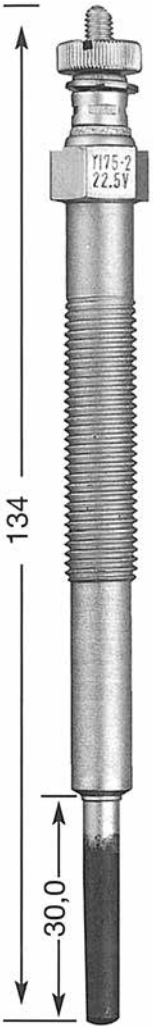
Y-168 R
M 10 x 1.25
12 Hex
16 V



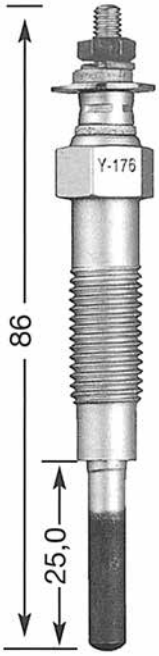
Y-172
M 10 x 1.25
12 Hex
22,5 V



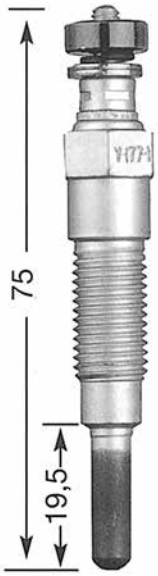
Y-173
M 10 x 1.25
12 Hex
22,5 V



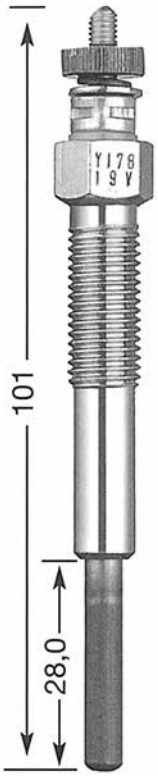
Y-175-2
M 10 x 1.25
12 Hex
22,5 V



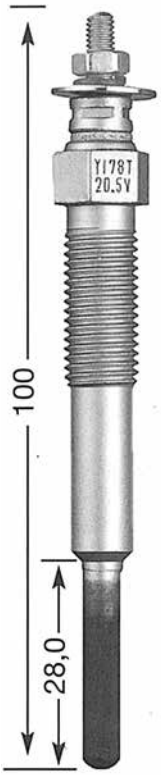
Y-176
M 10 x 1.25
12 Hex
19 V



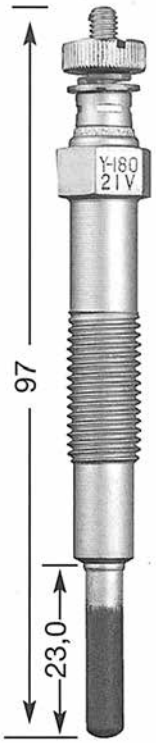
Y-177-1
M 10 x 1.25
12 Hex
21 V



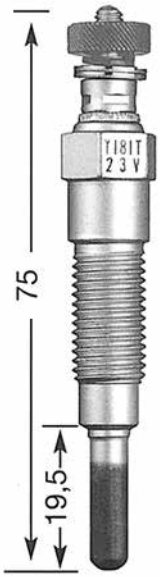
Y-178
M 10 x 1.25
12 Hex
19 V



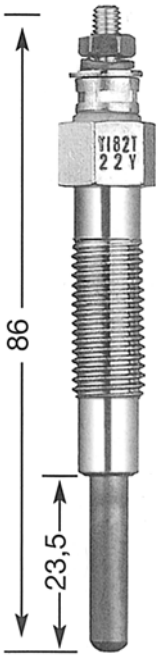
Y-178 T
M 10 x 1.25
12 Hex
20,5 V



Y-180
M 10 x 1.25
12 Hex
21 V



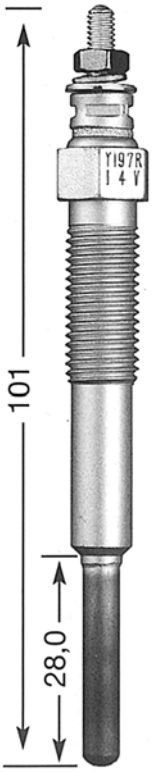
Y-181 T
M 10 x 1.25
12 Hex
23 V



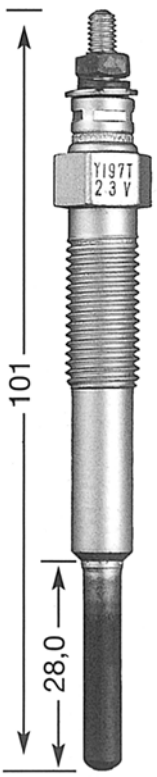
Y-182 T
M 10 x 1.25
12 Hex
22 V



Y-182 T1
M 10 x 1.25
12 Hex
22 V

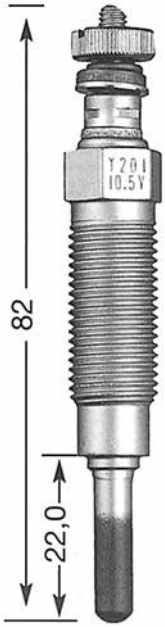


Y-197 R
M 10 x 1.25
12 Hex
14 V

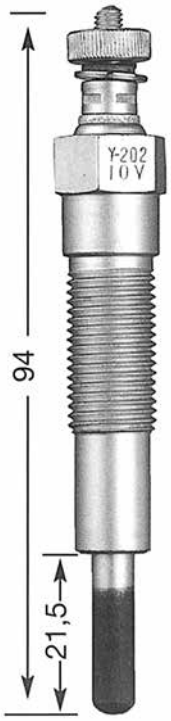


Y-197 T
M 10 x 1.25
12 Hex
23 V

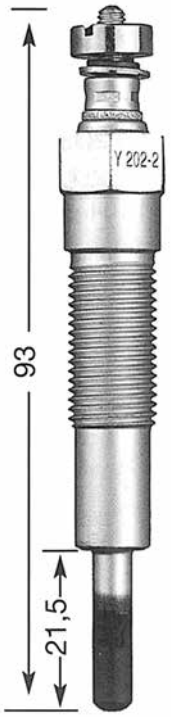
SERIES OF GLOW PLUG
(ACTUAL SIZE)



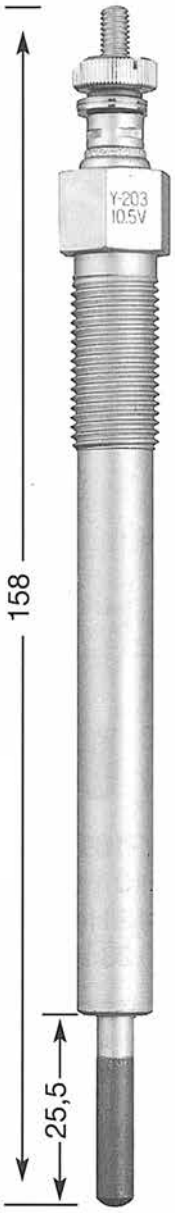
Y-201
M 12 x 1.25
12 Hex
10,5 V



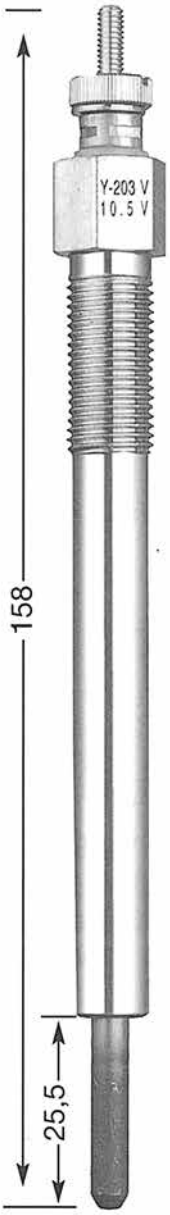
Y-202
M 12 x 1.25
14 Hex
10 V



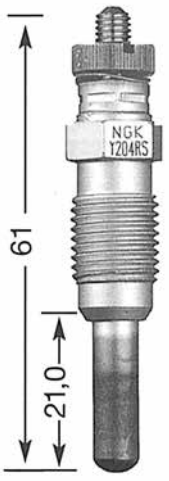
Y-202-2
M 12 x 1.25
14 Hex
9,5 V



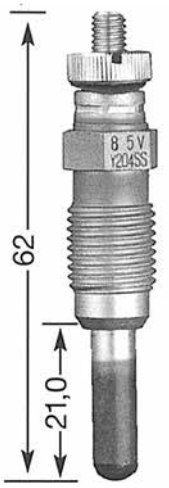
Y-203
M 12 x 1.25
14 Hex
10,5 V



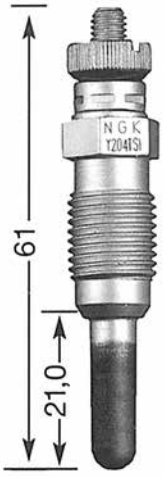
Y-203 V
M 12 x 1.25
14 Hex
10,5 V



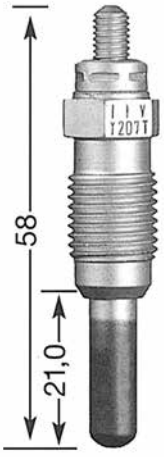
Y-204 RS
M 12 x 1.25
12 Hex
6,5 V



Y-204 SS
M 12 x 1.25
12 Hex
8,5 V



Y-204 TS1
M 12 x 1.25
12 Hex
11 V



Y-207 T
M 12 x 1.25
12 Hex
11 V

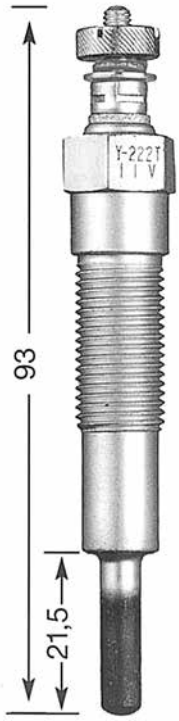


Y-208 T
M 12 x 1.25
12 Hex
11 V

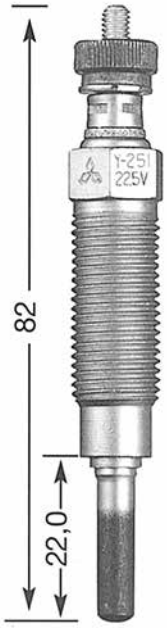
SERIES OF GLOW PLUG

(ACTUAL SIZE)

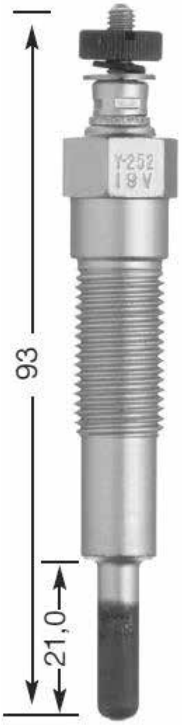




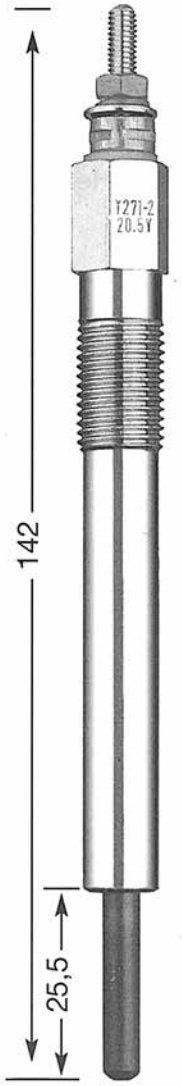
Y-222 T
M 12 x 1.25
14 Hex
11 V



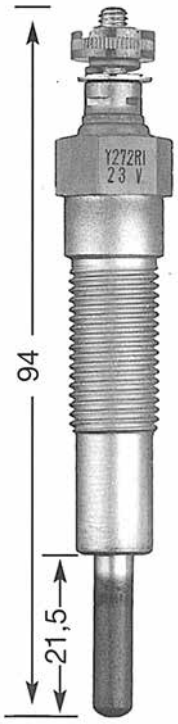
Y-251
M 12 x 1.25
12 Hex
22,5 V



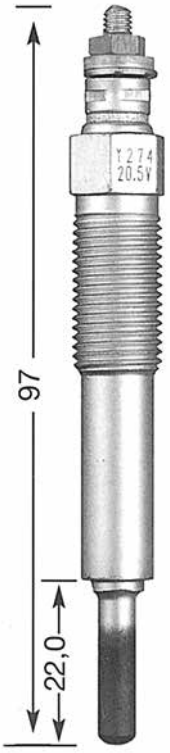
Y-252
M 12 x 1.25
14 Hex
19 V



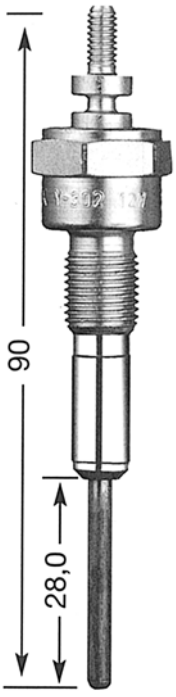
Y-271-2
M 12 x 1.25
12 Hex
20,5 V



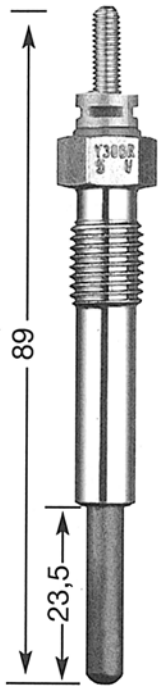
Y-272 R1
M 12 x 1.25
14 Hex
23 V



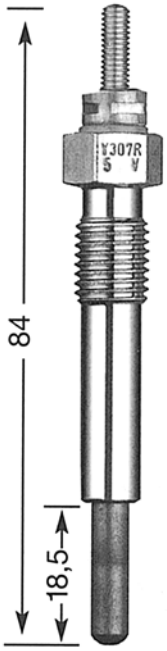
Y-274
M 12 x 1.25
12 Hex
20,5 V



Y-302
M 10 x 1
17 Hex
12 V



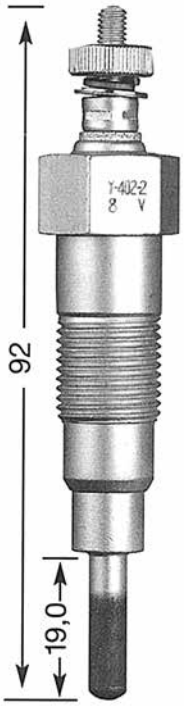
Y-306 R
M 10 x 1.25
12 Hex
5 V



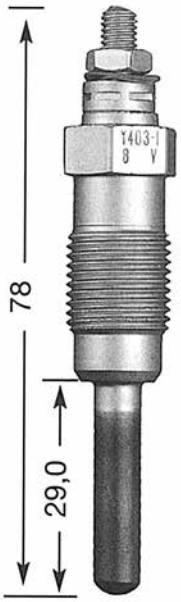
Y-307 R
M 10 x 1.25
12 Hex
5 V



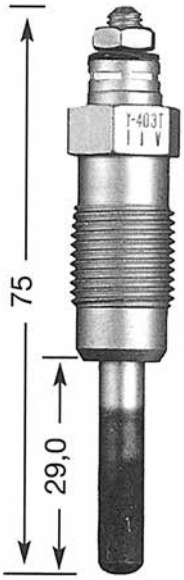
Y-401-3
M 12 x 1.25
14 Hex
10,5 V



Y-402-2
M 14 x 1.25
17 Hex
8 V



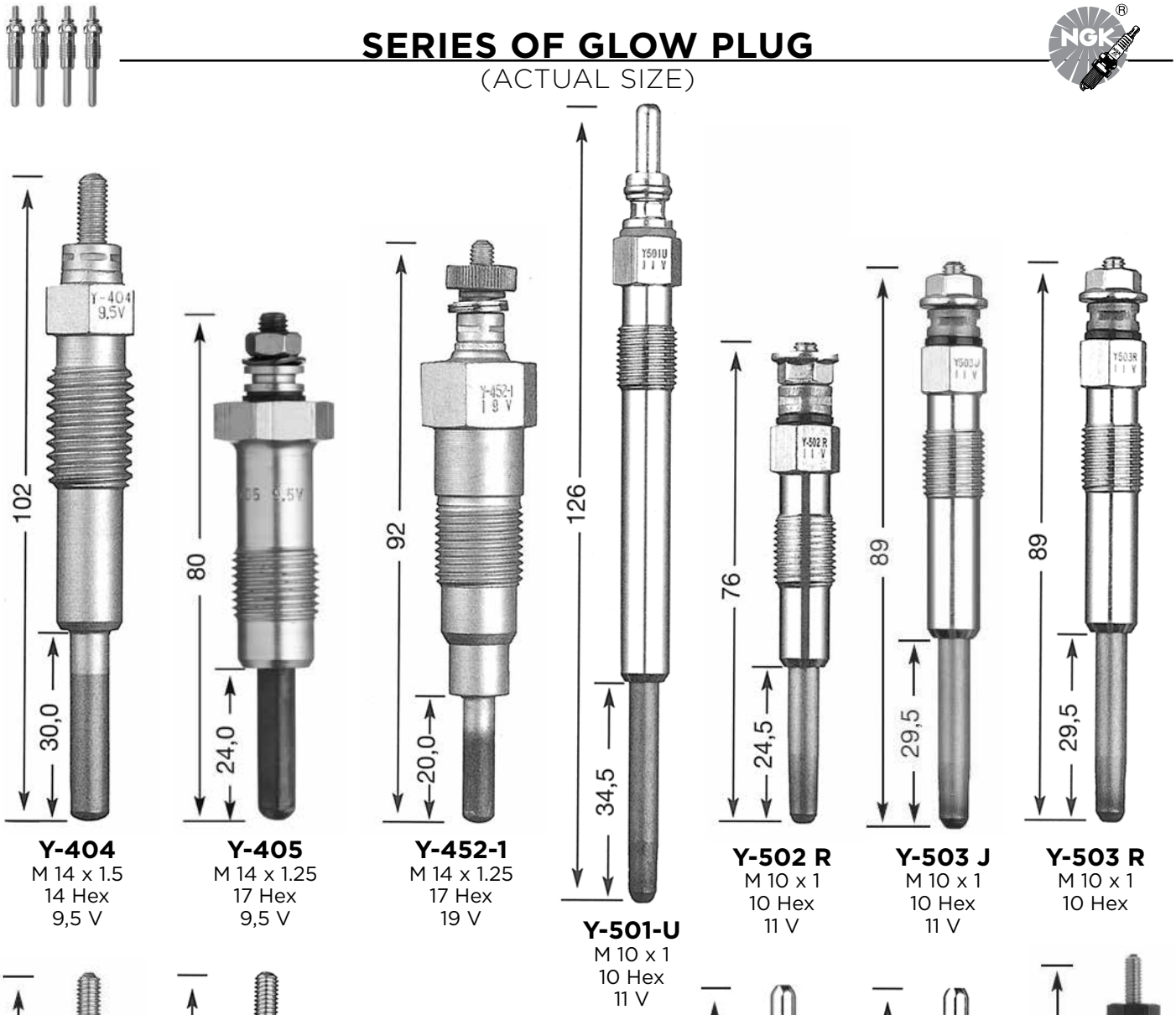
Y-403-1
M 14 x 1.25
14 Hex
8 V



Y-403 T
M 14 x 1.25
14 Hex
11 V

SERIES OF GLOW PLUG

(ACTUAL SIZE)



Y-404
M 14 x 1.5
14 Hex
9,5 V

Y-405
M 14 x 1.25
17 Hex
9,5 V

Y-452-1
M 14 x 1.25
17 Hex
19 V

Y-501-U
M 10 x 1
10 Hex
11 V

Y-502 R
M 10 x 1
10 Hex
11 V

Y-503 J
M 10 x 1
10 Hex
11 V

Y-503 R
M 10 x 1
10 Hex

Y-504 J
M 10 x 1
10 Hex
11 V

Y-504 R
M 10 x 1
10 Hex
11 V

Y-506 J
M 10 x 1
10 Hex
11 V

Y-506 R
M 10 x 1
10 Hex
11 V

Y-507 J
M 10 x 1
10 Hex
11 V

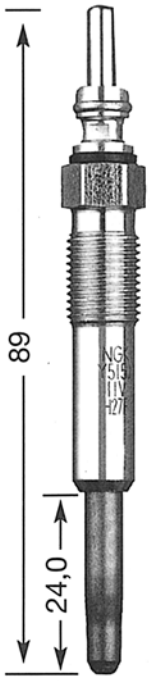
Y-507 R
M 10 x 1
10 Hex
11 V

Y-508 J
M 10 x 1.25
12 Hex
11 V

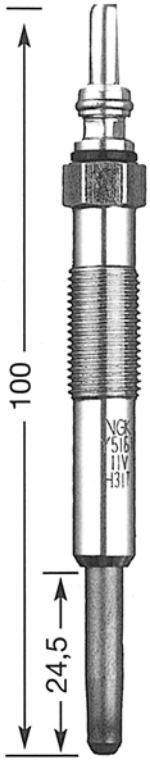
SERIES OF GLOW PLUG

(ACTUAL SIZE)

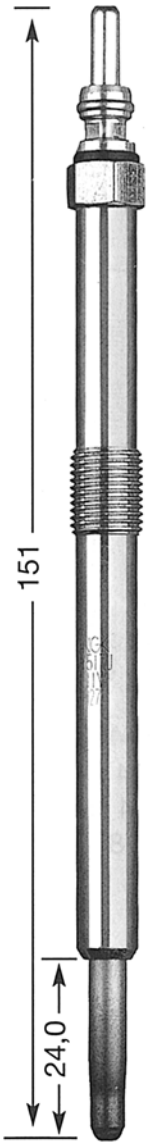




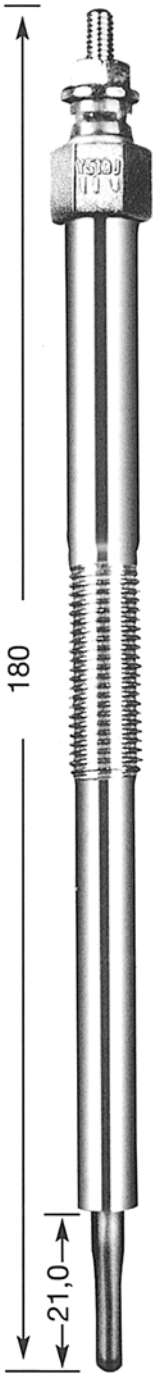
Y-515 J
M 10 x 1
10 Hex
11 V



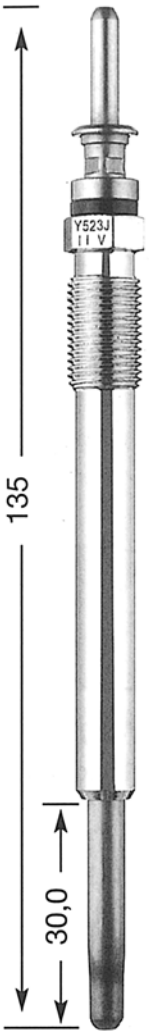
Y-516 J
M 10 x 1
10 Hex
11 V



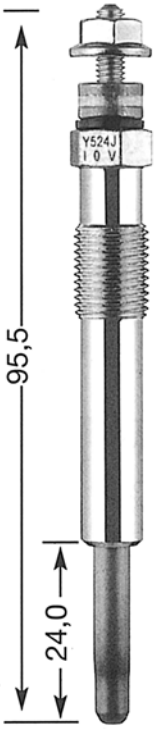
Y-517 J
M 10 x 1
10 Hex
11 V



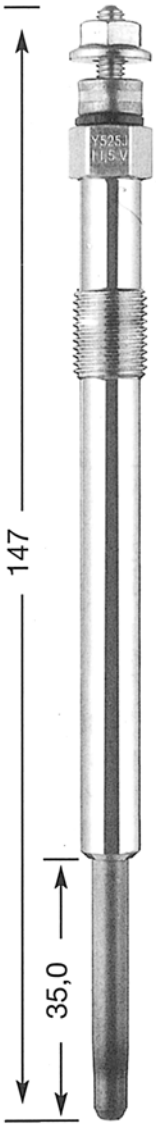
Y-519 J
M 10 x 1
10 Hex
11 V



Y-523 J
M 10 x 1.25
10 Hex
11 V



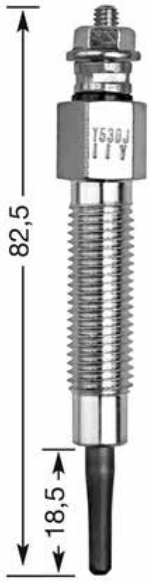
Y-524 J
M 10 x 1.25
10 Hex
10 V



Y-525 J
M 10 x 1.25
10 Hex
11,5 V



Y-529 J
M 10 x 1.25
12 Hex
11 V



Y-530 J
M 10 x 1.25
12 Hex
11 V

SERIES OF GLOW PLUG
(ACTUAL SIZE)



Y-531 J
M 10 x 1.25
12 Hex
11 V



Y-532 J
M 10 x 1.25
12 Hex
11 V



Y-534 J
M 10 x 1
10 Hex
11 V



Y-541 J
M 10 x 1.25
10 Hex
11 V



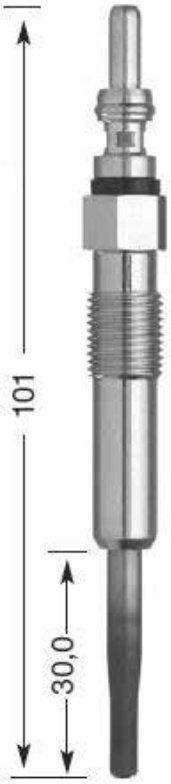
Y-542 J
M 10 x 1.25
10 Hex
11 V



Y-543 J
M 10 x 1.25
10 Hex
11 V



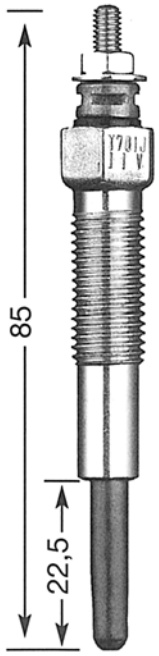
Y-547 AS
M 10 x 1
10 Hex
5 V



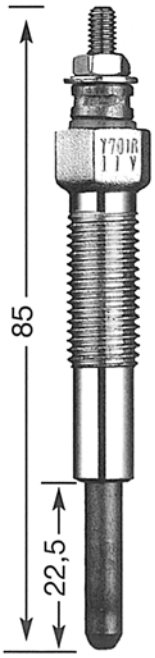
Y-607 AS
M 10 x 1
10 Hex
5 V



Y-609 AS
M 10 x 1
10 Hex
4,4 V



Y-701 J
M 10 x 1.25
12 Hex
11 V

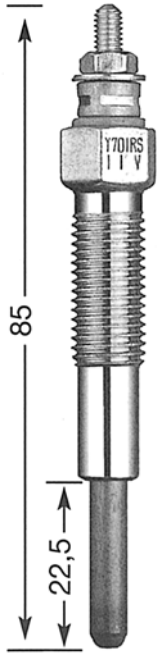


Y-701 R
M 10 x 1.25
12 Hex
11 V

SERIES OF GLOW PLUG

(ACTUAL SIZE)

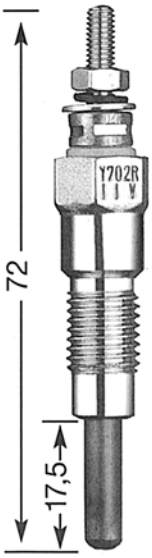




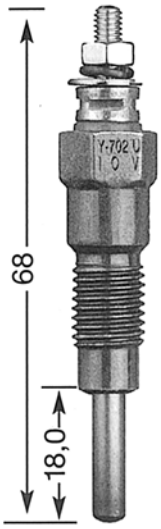
Y-701 RS
M 10 x 1.25
12 Hex
11 V



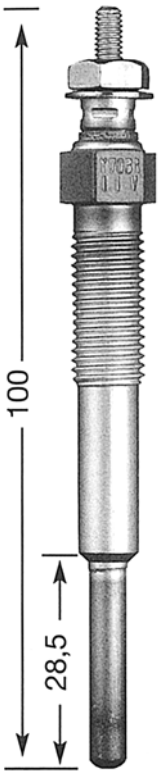
Y-701 U
M 10 x 1.25
12 Hex
10 V



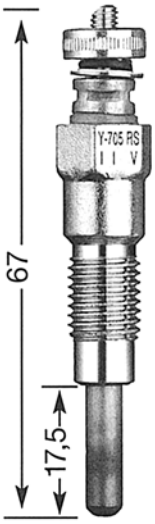
Y-702 R
M 10 x 1.25
12 Hex
11 V



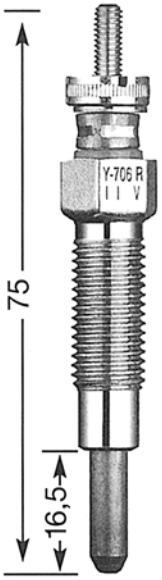
Y-702 U
M 10 x 1.25
12 Hex
10 V



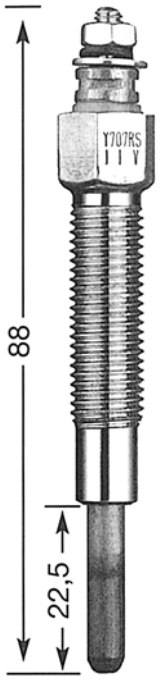
Y-703 R
M 10 x 1.25
12 Hex
11 V



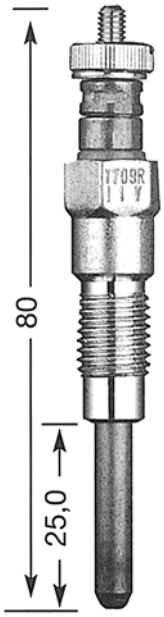
Y-705 RS
M 10 x 1.25
12 Hex
11 V



Y-706 R
M 10 x 1.25
12 Hex
11 V



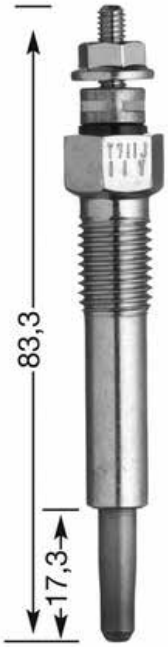
Y-707 RS
M 10 x 1.25
12 Hex
11 V



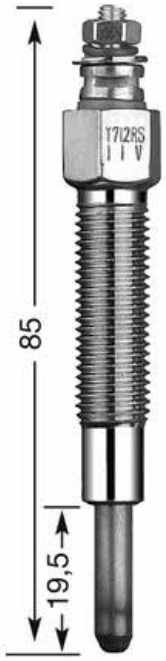
Y-709 R
M 10 x 1.25
12 Hex
11 V



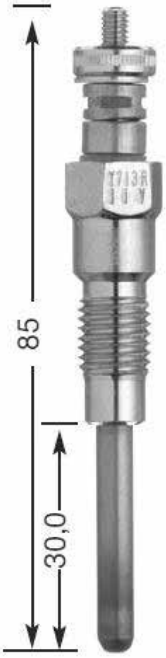
Y-710 J
M 10 x 1.25
12 Hex
11 V



Y-711 J
M 10 x 1.25
12 Hex
11 V



Y-712 RS
M 10 x 1.25
12 Hex
11 V



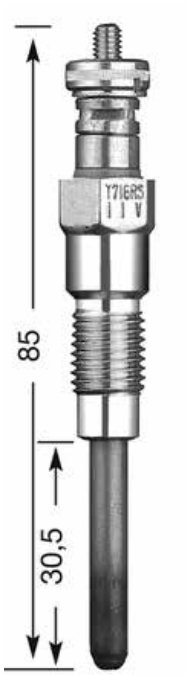
Y-713 R
M 10 x 1.25
12 Hex
11 V



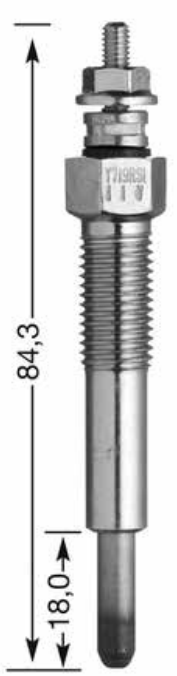
Y-715 R
M 10 x 1.25
12 Hex
11 V

SERIES OF GLOW PLUG

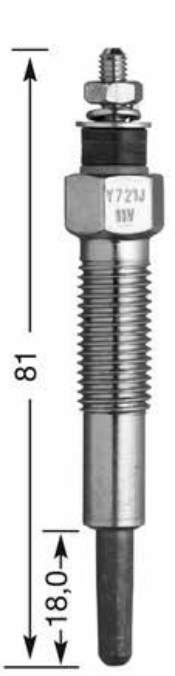
(ACTUAL SIZE)



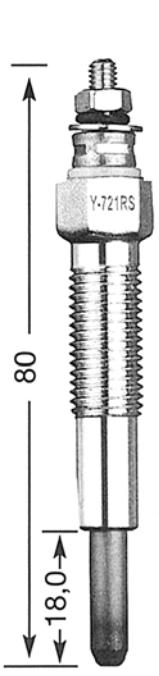
Y-716 RS
M 10 x 1.25
12 Hex
11 V



Y-719 RS
M 10 x 1.25
12 Hex
11 V



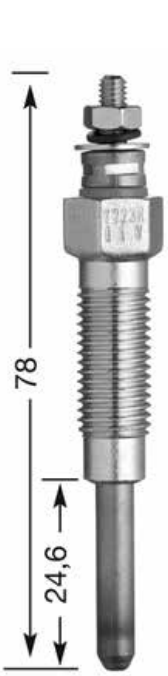
Y-721 J
M 10 x 1.25
12 Hex
11 V



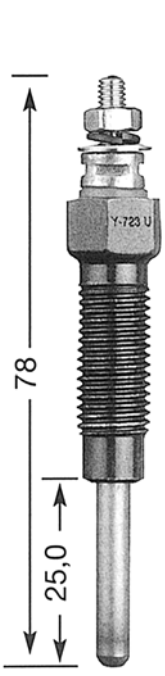
Y-721 RS
M 10 x 1.25
12 Hex
11 V



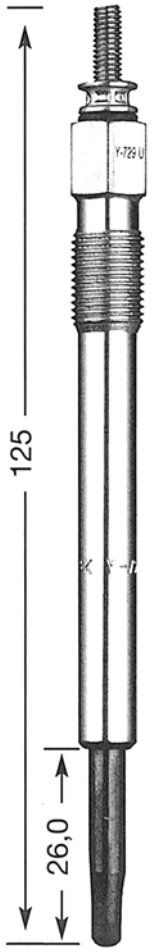
Y-722 J
M 10 x 1.25
12 Hex
11 V



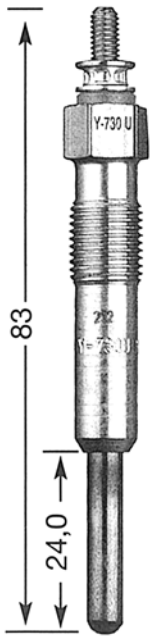
Y-723 R
M 10 x 1.25
12 Hex
11 V



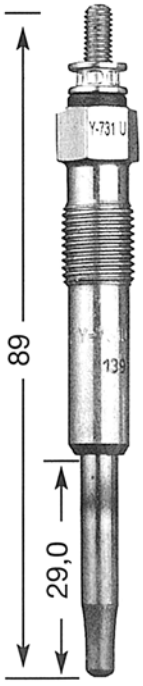
Y-723 U
M 10 x 1.25
12 Hex
8 V



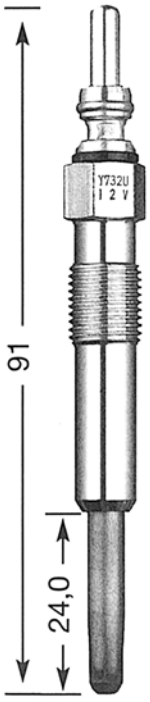
Y-729 U
M 10 x 1
10 Hex
11,5 V



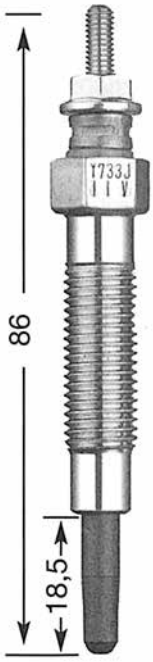
Y-730 U
M 10 x 1.25
12 Hex
11 V



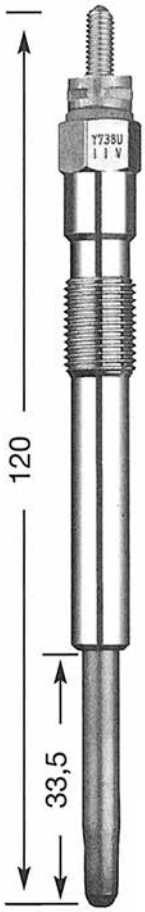
Y-731 U
M 10 x 1.25
12 Hex
11 V



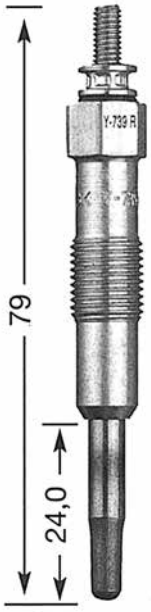
Y-732 U
M 10 x 1.25
12 Hex
8 V



Y-733 J
M 10 x 1.25
12 Hex
11 V



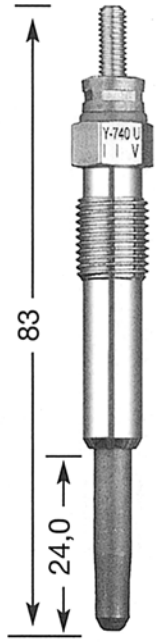
Y-738 U
M 10 x 1
10 Hex
11 V



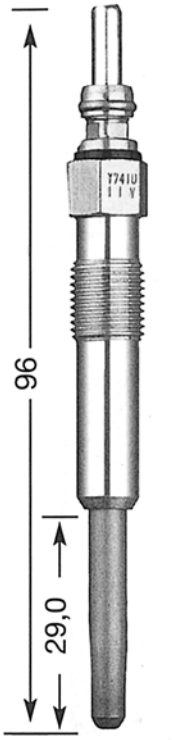
Y-739 R
M 10 x 1
10 Hex
11 V

SERIES OF GLOW PLUG
(ACTUAL SIZE)

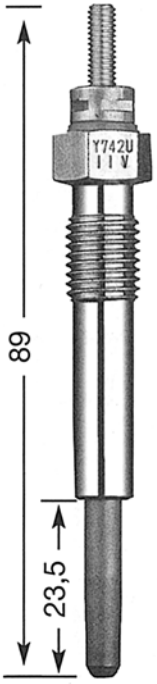




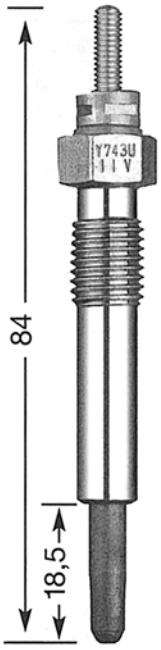
Y-740 U
M 10 x 1
10 Hex
11 V



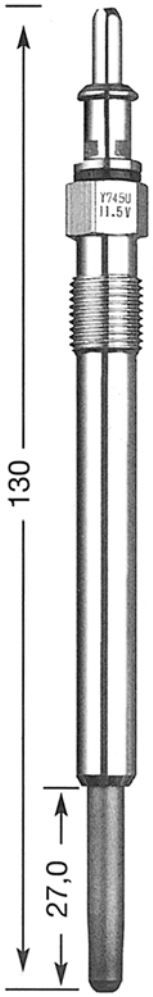
Y-741 U
M 10 x 1
10 Hex
11 V



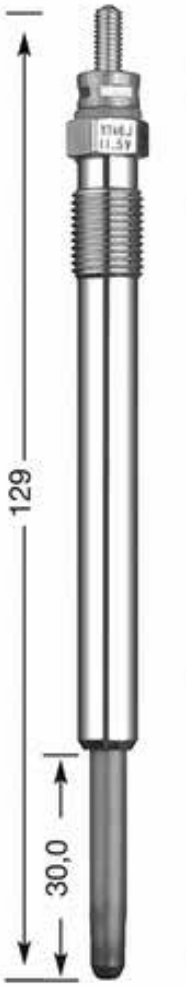
Y-742 U
M 10 x 1.25
12 Hex
11 V



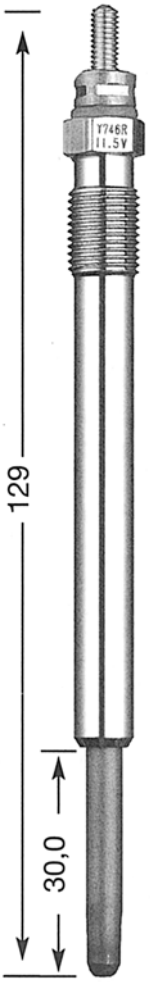
Y-743 U
M 10 x 1.25
12 Hex
11 V



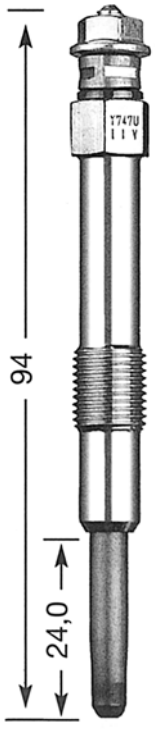
Y-745 U
M 10 x 1
10 Hex
11,5 V



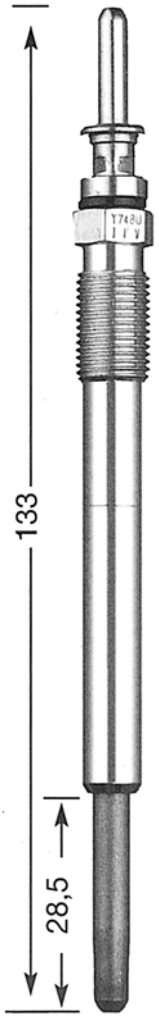
Y-746 J
M 10 x 1
10 Hex
11,5 V



Y-746 R
M 10 x 1
10 Hex
11,5 V



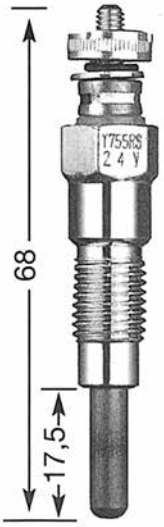
Y-747 U
M 10 x 1
10 Hex
11 V



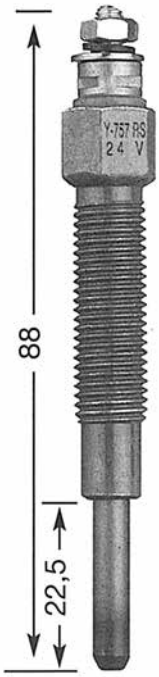
Y-748 U
M 10 x 1
10 Hex
11 V



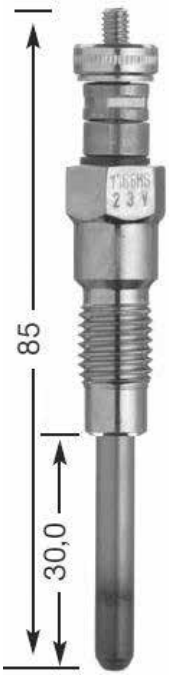
Y-749 J
M 10 x 1
10 Hex
11 V



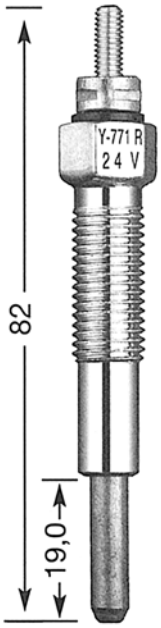
Y-755 RS
M 10 x 1.25
12 Hex
24 V



Y-757 RS
M 10 x 1.25
12 Hex
24 V

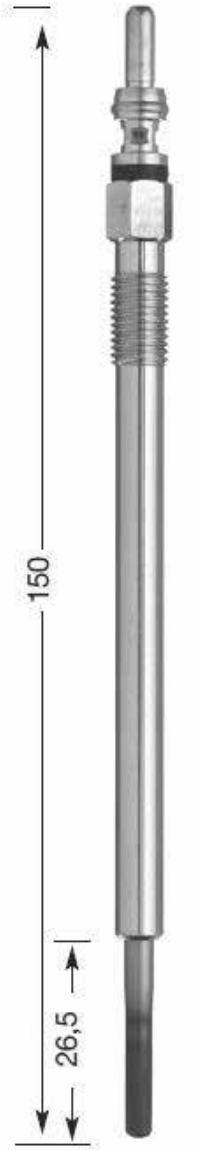


Y-766 MS
M 10 x 1.25
12 Hex
23 V

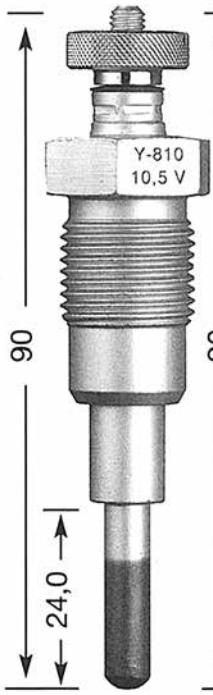


Y-771 R
M 10 x 1.25
12 Hex
24 V

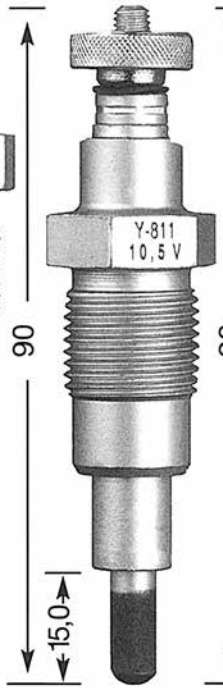
SERIES OF GLOW PLUG
(ACTUAL SIZE)



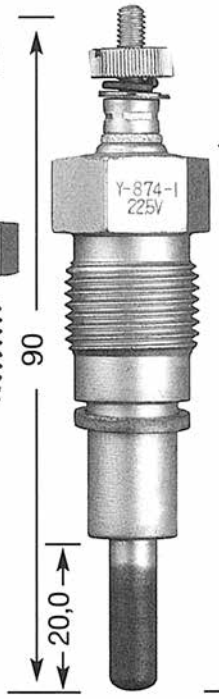
Y-8002 AS
M 8 x 1
8 Hex
4,4 V



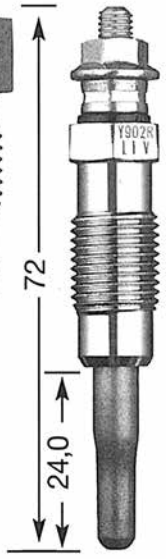
Y-810
M 18 x 1.5
20.6 Hex
10,5 V



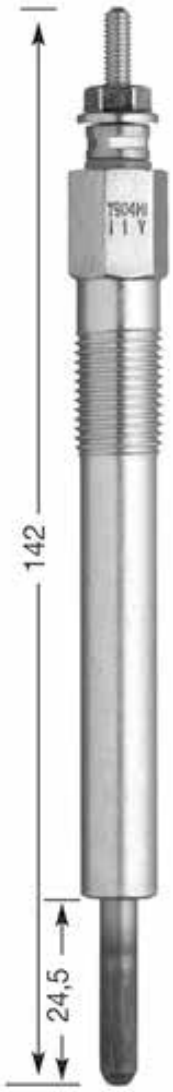
Y-811
M 18 x 1.5
20.6 Hex
10,5 V



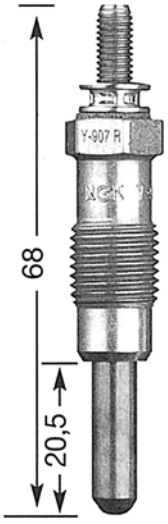
Y-874-1
M 18 x 1.5
19 Hex
22,5 V



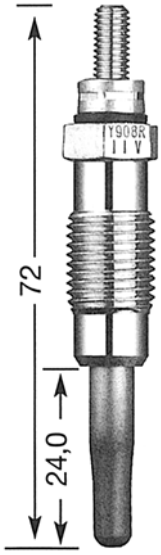
Y-902 R
M 12 x 1.25
12 Hex
11 V



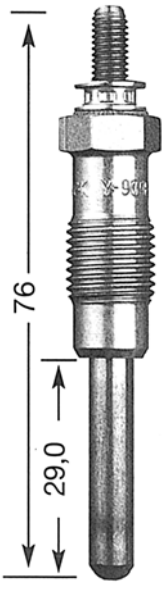
Y-904 M1
M 12 x 1.25
12 Hex
11 V



Y-907 R
M 12 x 1.25
12 Hex
11,5 V



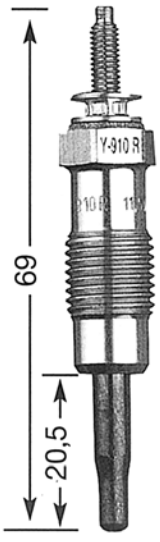
Y-908 R
M 12 x 1.25
12 Hex
11 V



Y-909 R
M 12 x 1.25
12 Hex
11 V



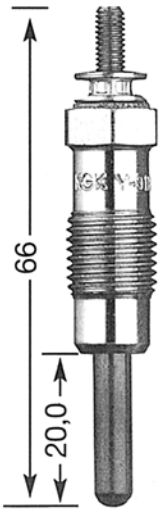
Y-910 J
M 12 x 1.25
12 Hex
11,5 V



Y-910 R
M 12 x 1.25
12 Hex
11,5 V



Y-911 J
M 12 x 1.25
12 Hex
11 V



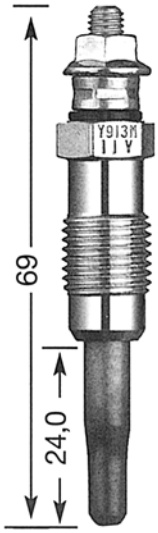
Y-911 R
M 12 x 1.25
12 Hex
11 V



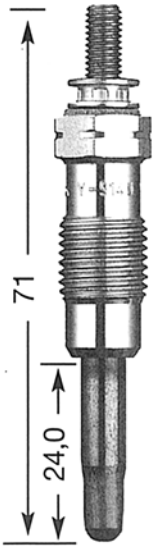
Y-913 J
M 12 x 1.25
12 Hex
11 V

SERIES OF GLOW PLUG
(ACTUAL SIZE)

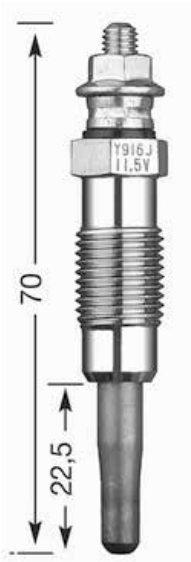




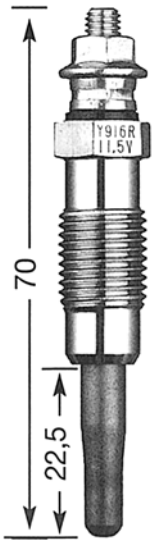
Y-913 M
M 12 x 1.25
12 Hex
11 V



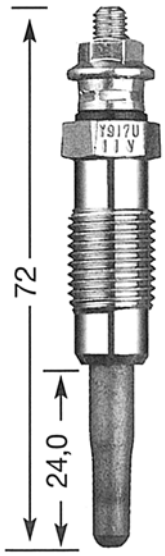
Y-914 U
M 12 x 1.25
12 Hex
11 V



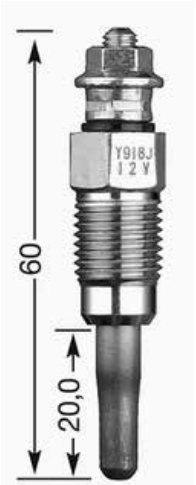
Y-916 J
M 12 x 1.25
12 Hex
11,5 V



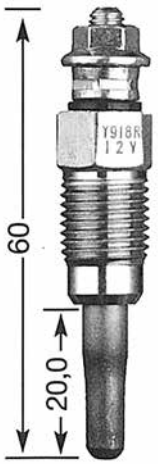
Y-916 R
M 12 x 1.25
12 Hex
11,5 V



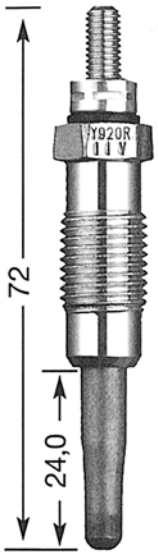
Y-917 U
M 12 x 1.25
12 Hex
11 V



Y-918 J
M 12 x 1.25
12 Hex
11 V



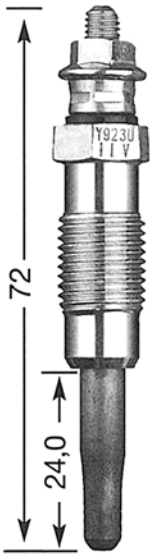
Y-918 R
M 12 x 1.25
12 Hex
11 V



Y-920 R
M 12 x 1.25
12 Hex
11 V



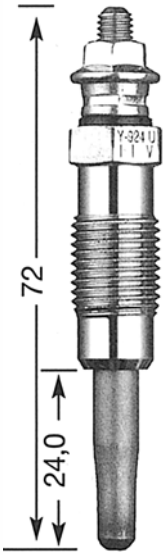
Y-922 R
M 12 x 1.25
12 Hex
11 V



Y-923 U
M 12 x 1.25
12 Hex
11 V



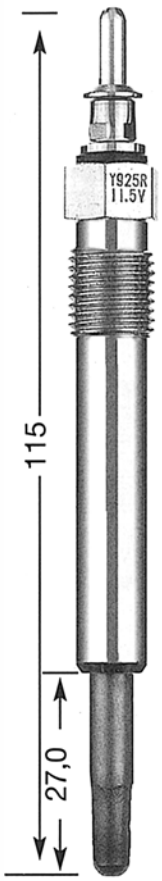
Y-924 J
M 12 x 1.25
12 Hex
11 V



Y-924 R
M 12 x 1.25
12 Hex
11 V

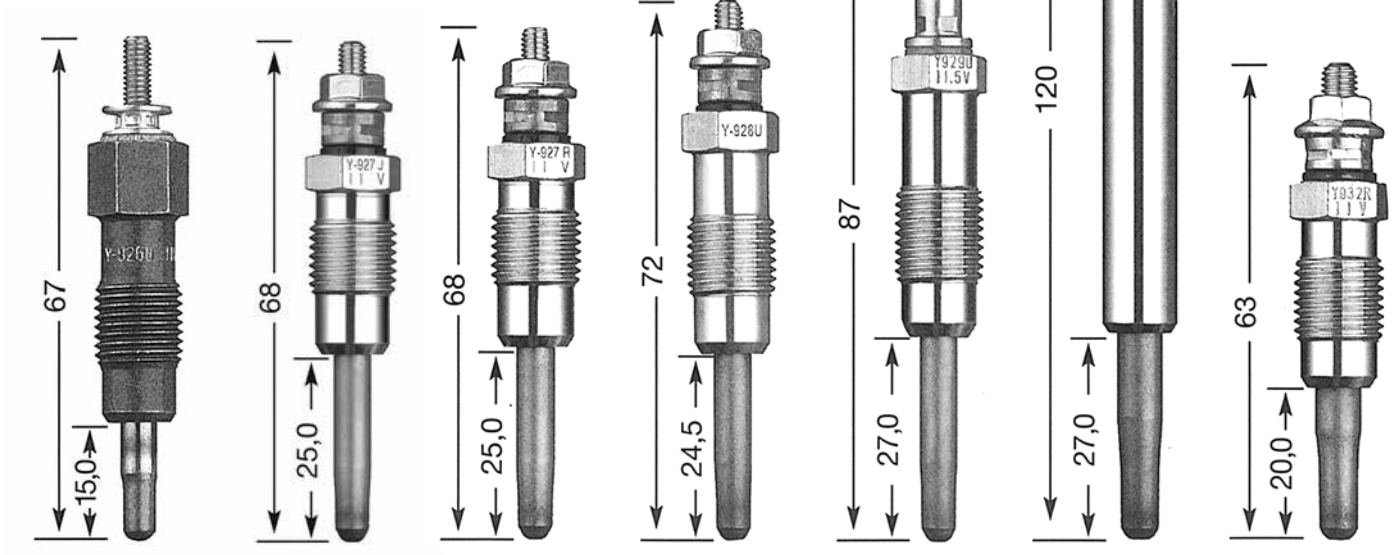


Y-925 J
M 12 x 1.25
12 Hex
11,5 V



Y-925 R
M 12 x 1.25
12 Hex
11,5 V

SERIES OF GLOW PLUG
(ACTUAL SIZE)



Y-926 U
M 12 x 1.25
12 Hex
11 V

Y-927 J
M 12 x 1.25
12 Hex
11 V

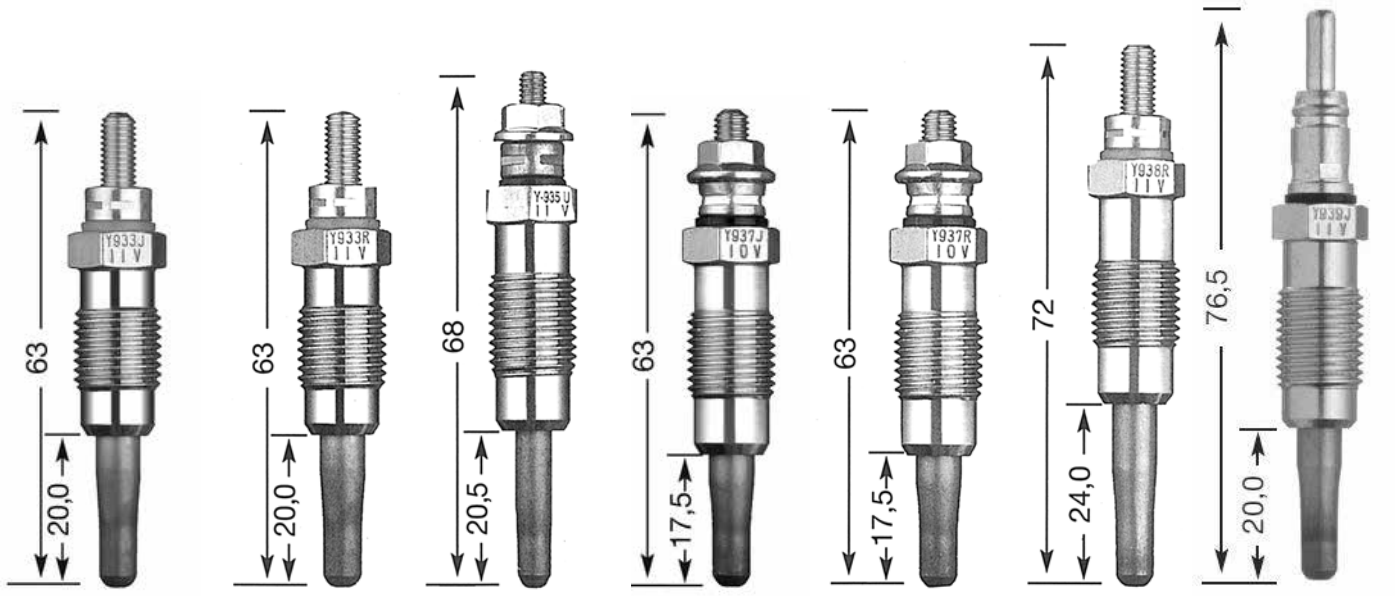
Y-927 R
M 12 x 1.25
12 Hex
11 V

Y-928 U
M 12 x 1.25
12 Hex
11 V

Y-929 U
M 12 x 1.25
12 Hex
11,5 V

Y-930 U
M 12 x 1.25
12 Hex
11,5 V

Y-932 R
M 12 x 1.25
12 Hex
11 V



Y-933 J
M 12 x 1.25
12 Hex
11 V

Y-933 R
M 12 x 1.25
12 Hex
11 V

Y-935 U
M 12 x 1.25
12 Hex
11 V

Y-937 J
M 12 x 1.25
12 Hex
10 V

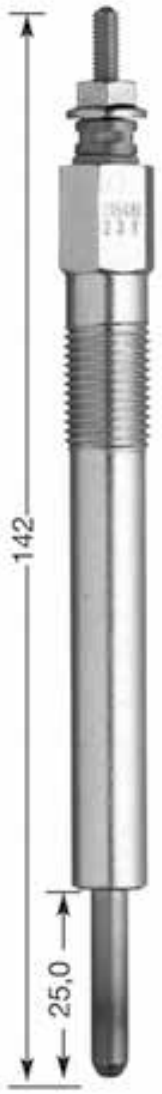
Y-937 R
M 12 x 1.25
12 Hex
10 V

Y-938 R
M 12 x 1.25
12 Hex
11 V

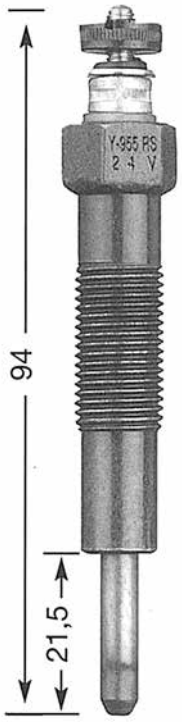
Y-939 J
M 12 x 1.25
12 Hex
11 V

SERIES OF GLOW PLUG
(ACTUAL SIZE)

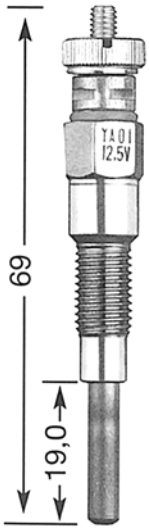




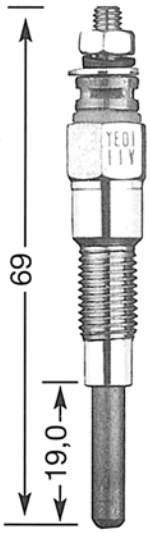
Y-954 M1
M 12 X 1.25
12 Hex
23 V



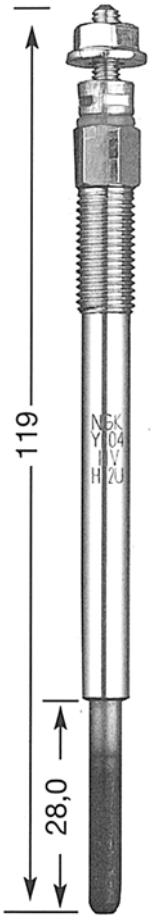
Y-955 RS
M 12 X 1.25
14 Hex
24 V



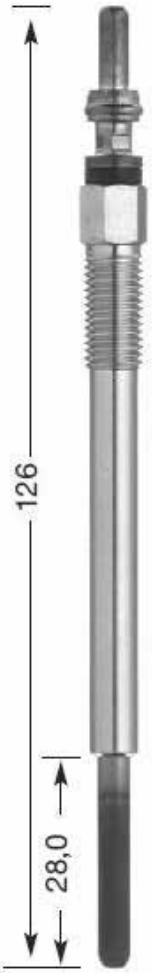
YA 01
M 8 x 1
10 Hex
12,5 V



YE 01
M 8 x 1
10 Hex
11 V



YE 04
M 8 x 1
8 Hex
11 V



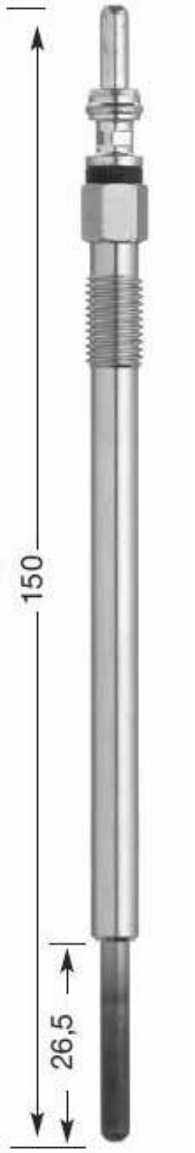
YE 06
M 8 x 1
8 Hex
11 V



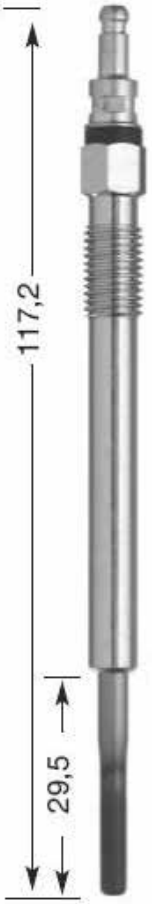
YE 07
M 9 x 1
9 Hex
11 V



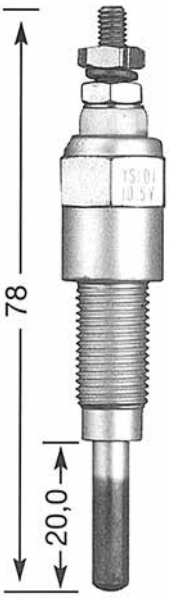
YE 08
M 8 X 1
8 Hex
11 V



YE 13
M 8 X 1
8 Hex
11,5 V



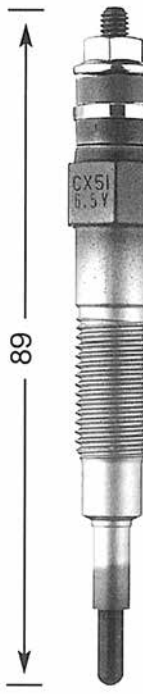
YE 14
M 8 X 1
8 Hex
4,4 V



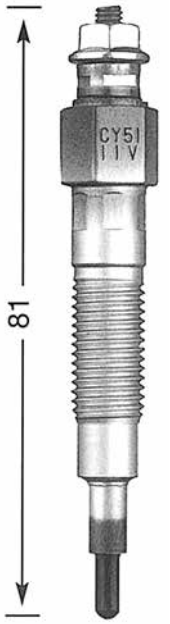
YS 101
M 10 X 1
14 Hex
10,5 V

SERIES OF GLOW PLUG

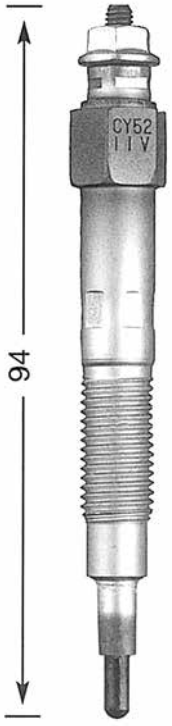
(ACTUAL SIZE)



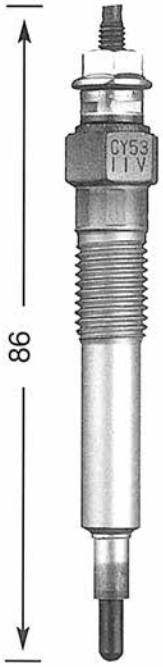
CX 51
M 10 x 1.25
10 Hex
6,5 V



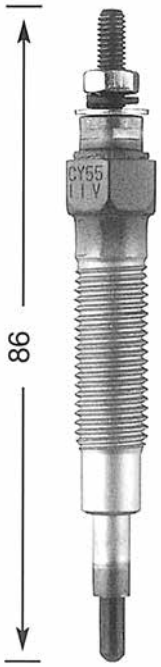
CY 51
M 10 x 1.25
12 Hex
11 V



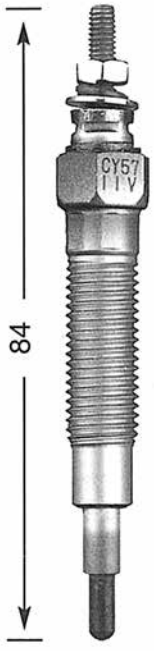
CY 52
M 10 x 1.25
12 Hex
11 V



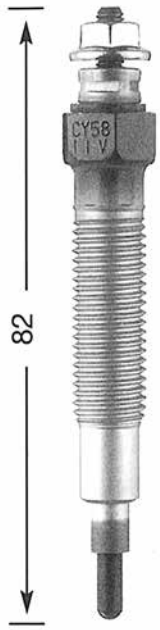
CY 53
M 10 x 1.25
12 Hex
11 V



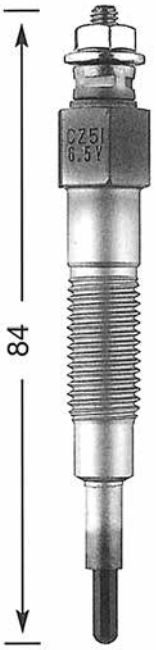
CY 55
M 10 x 1.25
12 Hex
11 V



CY 57
M 10 x 1.25
12 Hex
11 V



CY 58
M 10 x 1.25
12 Hex
11 V



CZ 51
M 10 x 1.25
12 Hex
6,5 V



CZ71
M 10 x 1.25
12 Hex
11 V



CZ104
M 10 x 1.0
10 Hex
7 V



CZ105
M 10 x 1.25
10 Hex
7 V



CZ106
M 10 x 1.0
10 Hex
7 V

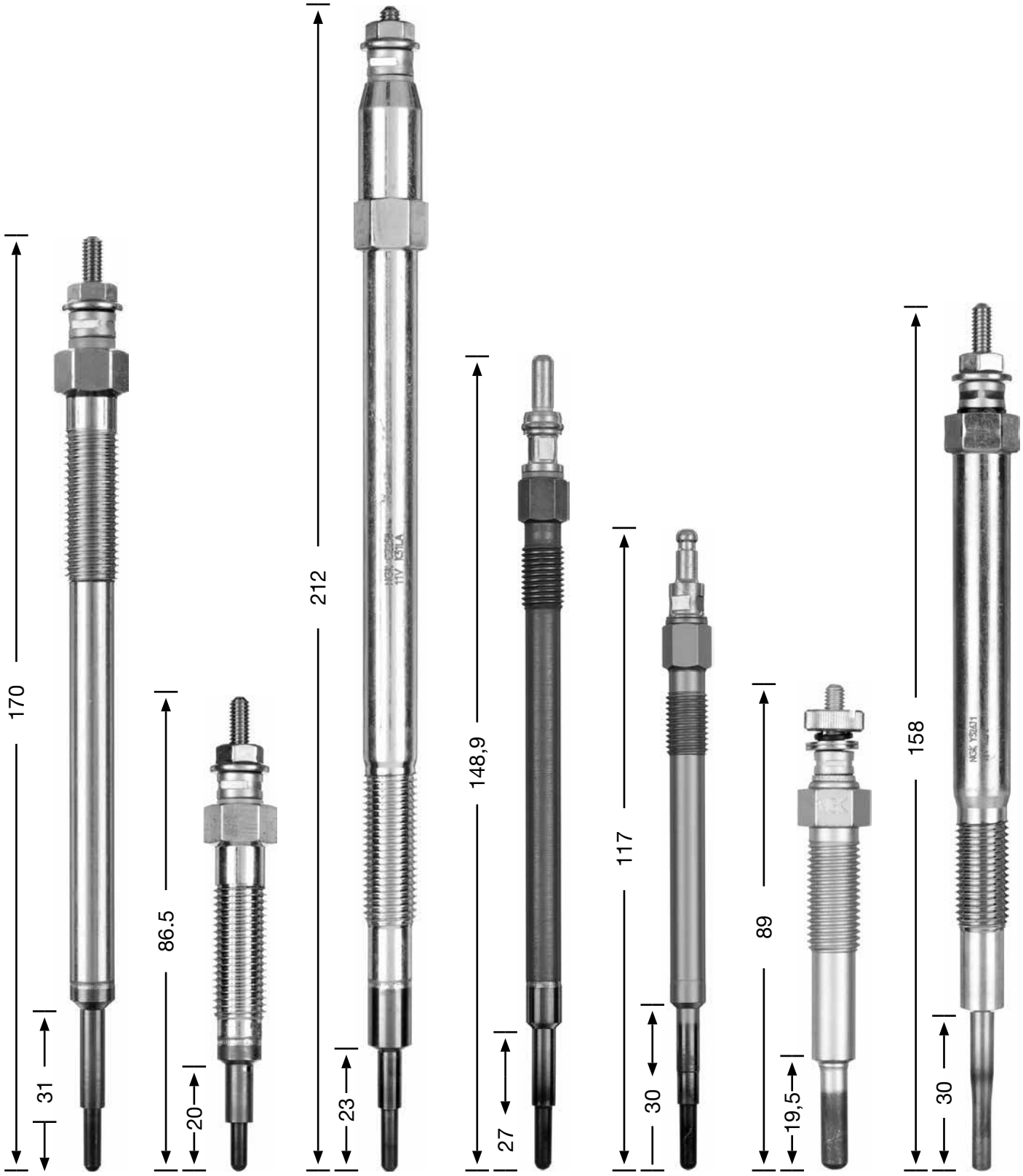


CZ203
M 10 x 1.25
12 Hex
11 V

SERIES OF GLOW PLUG

(ACTUAL SIZE)





CZ251
M 10 x 1.25
12 Hex
11 V

CZ256
M 10 x 1.25
12 Hex
11 V

CZ258
M 10 x 1.25
12 Hex
11 V

CZ303
M 8 x 1.0
8 Hex
7 V

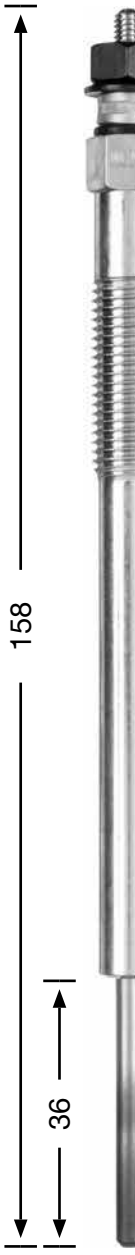
CZ304
M 8 x 1.0
8 Hex
7 V

Y-122
M 10 x 1.25
12 Hex
10,5 V

Y-526J1
M 10 x 1.25
12 Hex
11 V

SERIES OF GLOW PLUG

(ACTUAL SIZE)



Y-535J
M 10 x 1.25
10 Hex
11 V



Y-536J
M 10 x 1.0
10 Hex
11 V



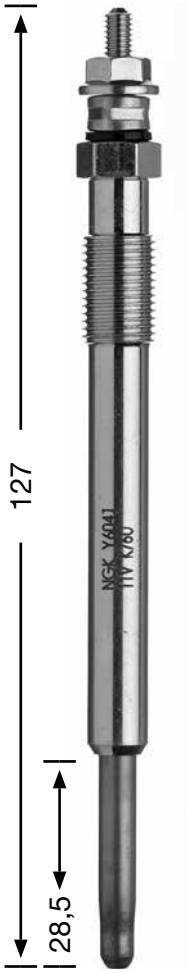
Y-537AS
M 10 x 1.0
10 Hex
5 V



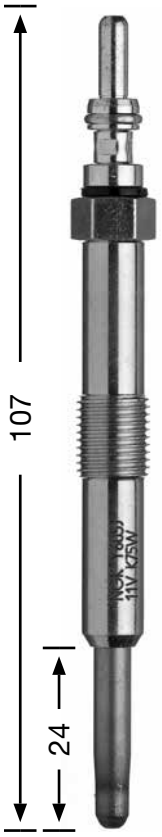
Y-548-J
M 10 x 1.0
12 Hex
11,5 V



Y-603J
M 10 x 1.25
12 Hex
11 V



Y-604J
M 10 x 1.0
10 Hex
11 V



Y-605J
M 10 x 1.0
10 Hex
11 V



Y-703M1
M 10 x 1.25
12 Hex
11 V



Y-719RS1
M 10 x 1.25
12 Hex
11 V

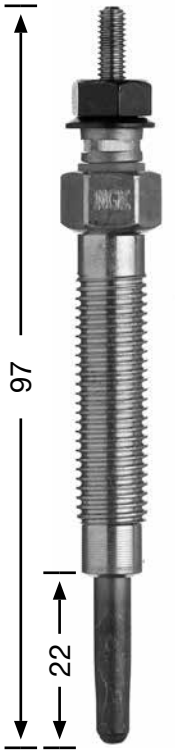


Y-720U1
M 10 x 1.25
12 Hex
10 V

SERIES OF GLOW PLUG

(ACTUAL SIZE)





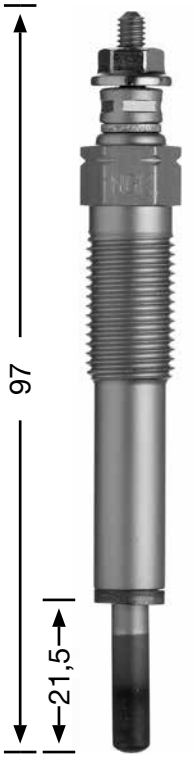
Y-722JS
M 10 x 1.25
12 Hex
11 V



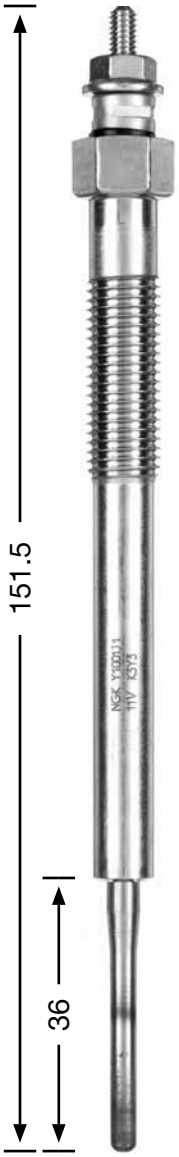
Y-732J
M 10 x 1.0
10 Hex
12 V



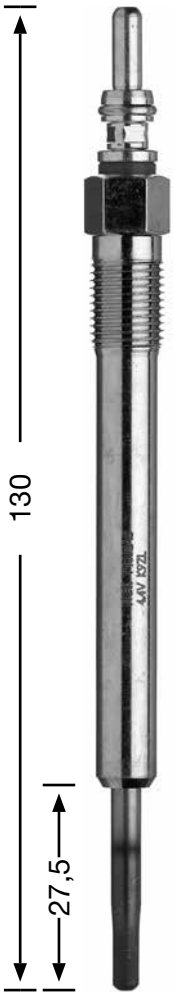
Y-752M
M 10 x 1.25
12 Hex
23 V



Y-971M
M 10 x 1.25
12 Hex
23 V



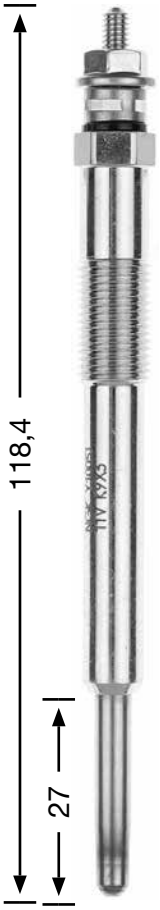
Y-1001J1
M 10 x 1.25
12 Hex
11 V



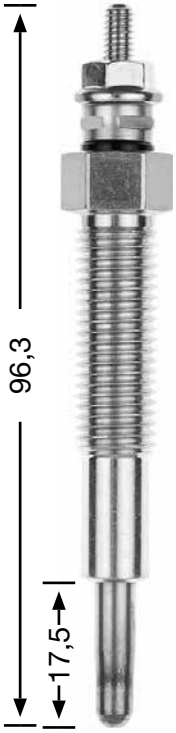
Y-1002AS
M 10 x 1.0
10 Hex
4,4 V



Y-1003AS
M 10 x 1.25
10 Hex
5 V

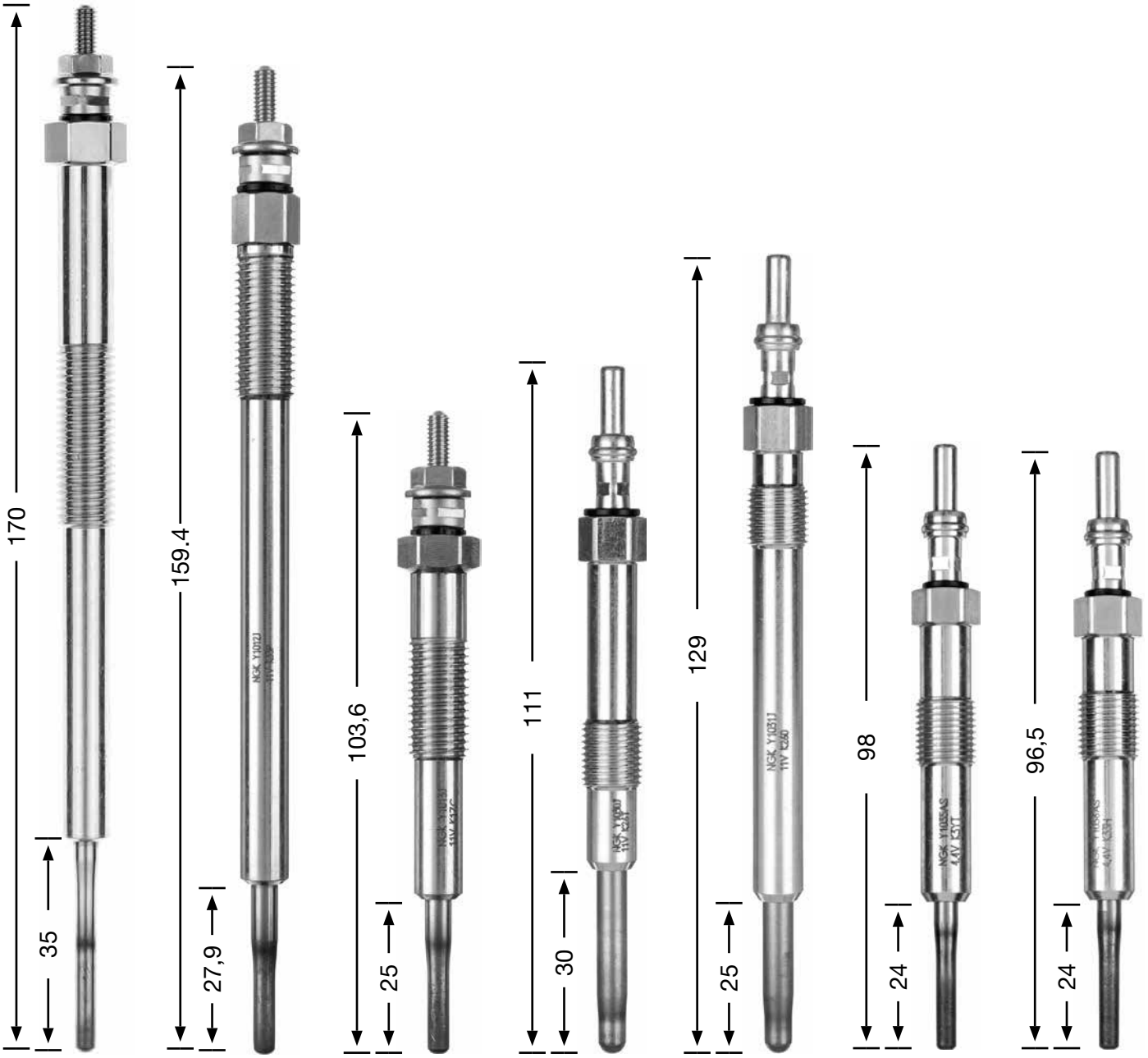


Y-1005J
M 10 x 1.0
10 Hex
11 V



Y-1006J
M 10 x 1.25
12 Hex
11 V

SERIES OF GLOW PLUG
(ACTUAL SIZE)



Y-1007J
M 10 x 1.25
12 Hex
11 V

Y-1012J
M 10 x 1.25
10 Hex
11 V

Y-1013J
M 10 x 1.25
12 Hex
11 V

Y-1030J
M 10 x 1.0
10 Hex
11 V

Y-1031J
M 10 x 1.0
10 Hex
11 V

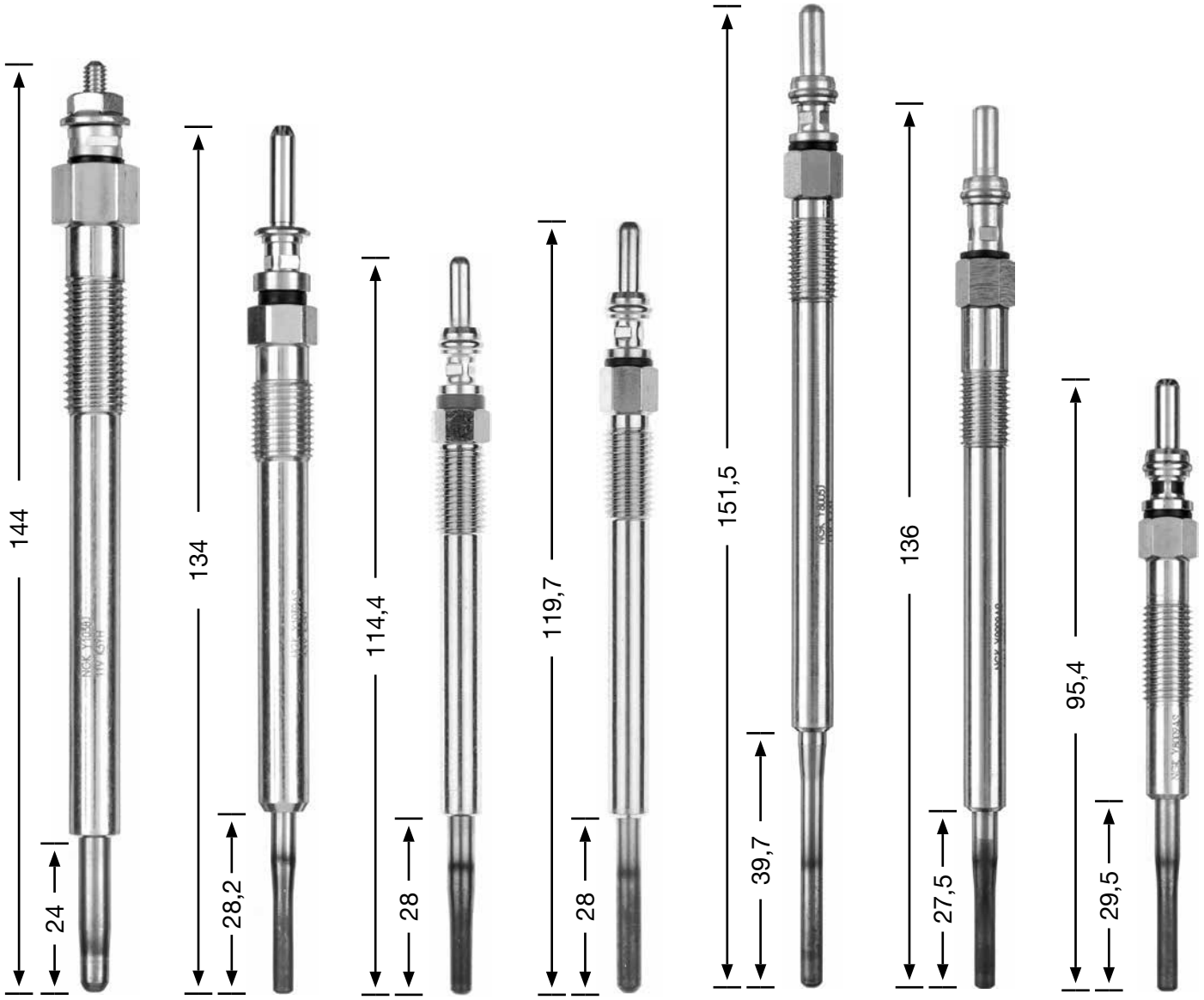
Y-1035AS
M 10 x 1.0
10 Hex
4,4 V

Y-1036AS
M 10 x 1.0
10 Hex
4,4 V

SERIES OF GLOW PLUG

(ACTUAL SIZE)





Y-1038J
M 10 x 1.25
12 Hex
11 V

Y-1039AS
M 8 x 1.0
10 Hex
4,4 V

Y-8001AS
M 8 x 1.0
8 Hex
5 V

Y-8003J
M 8 x 1.0
8 Hex
11 V

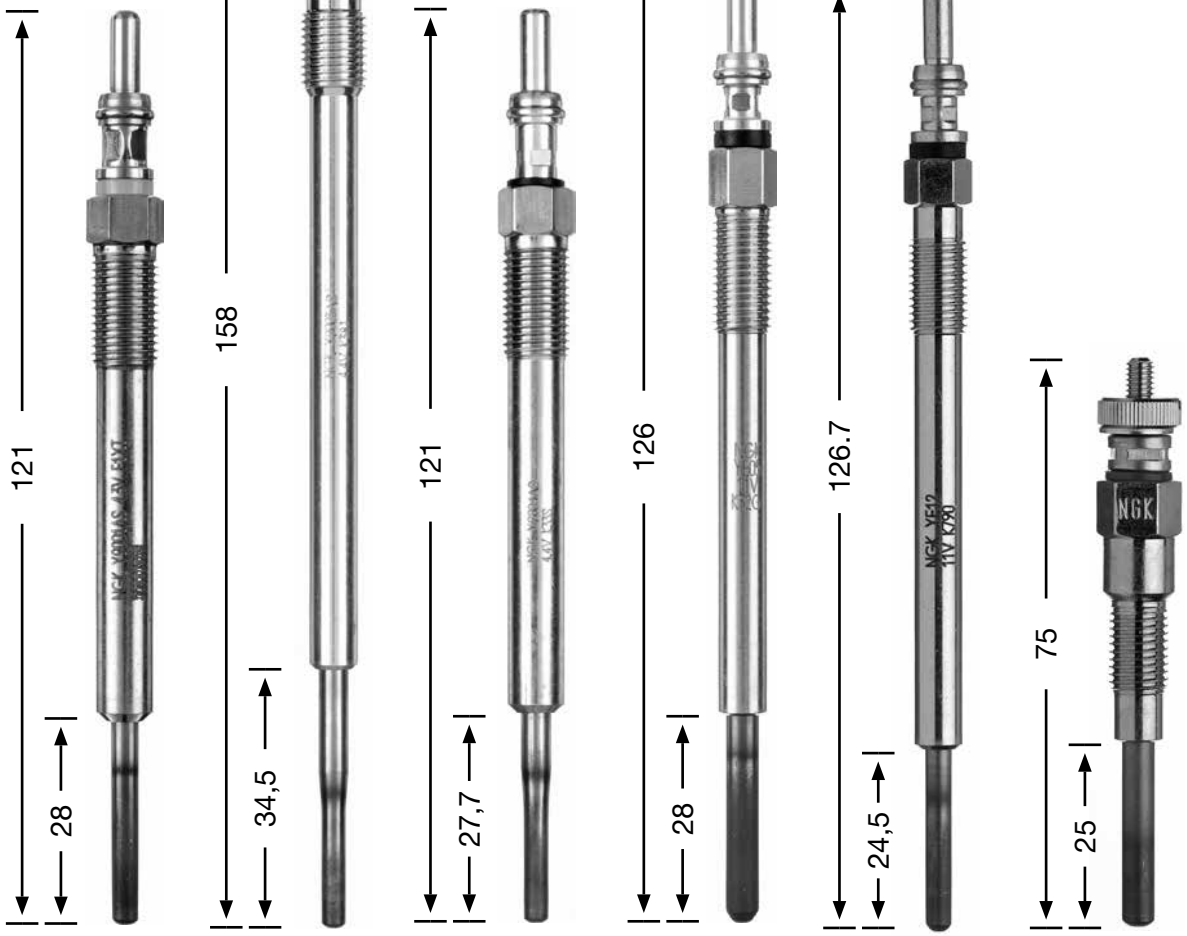
Y-8005J
M 8 x 1.0
8 Hex
11 V

Y-8008AS
M 8 x 1.0
8 Hex
11 V

Y-8009AS
M 8 x 1.0
8 Hex
4,4 V

SERIES OF GLOW PLUG

(ACTUAL SIZE)



Y-9001AS
M 9 x 1.0
9 Hex
4,3 V

Y-9003AS
M 9 x 1.0
9 Hex
4,4 V

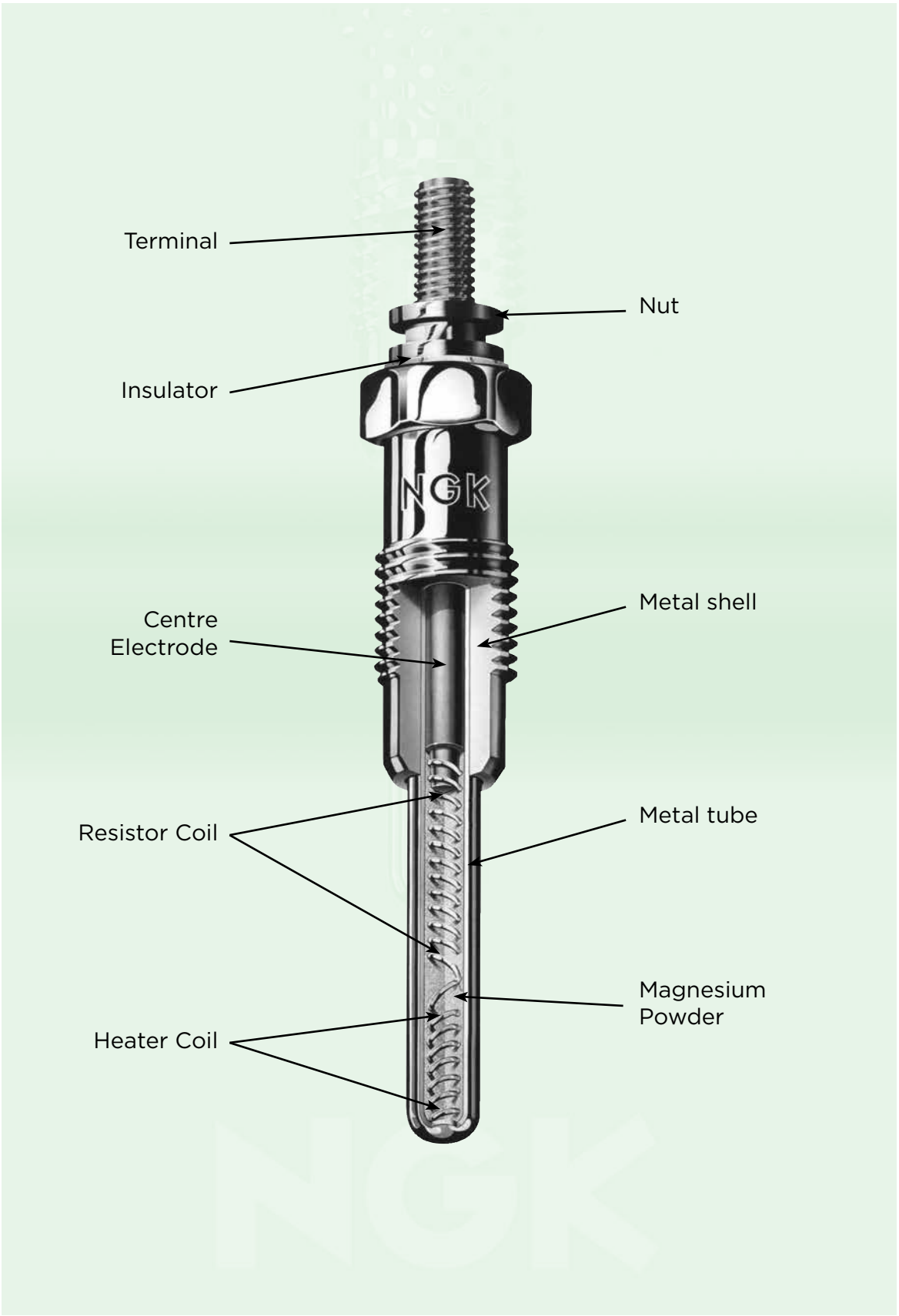
Y-9004AS
M 9 x 1.0
9 Hex
4,4 V

YE05
M 8 x 1.0
8 Hex
11 V

YE12
M 8 x 1.0
8 Hex
11 V

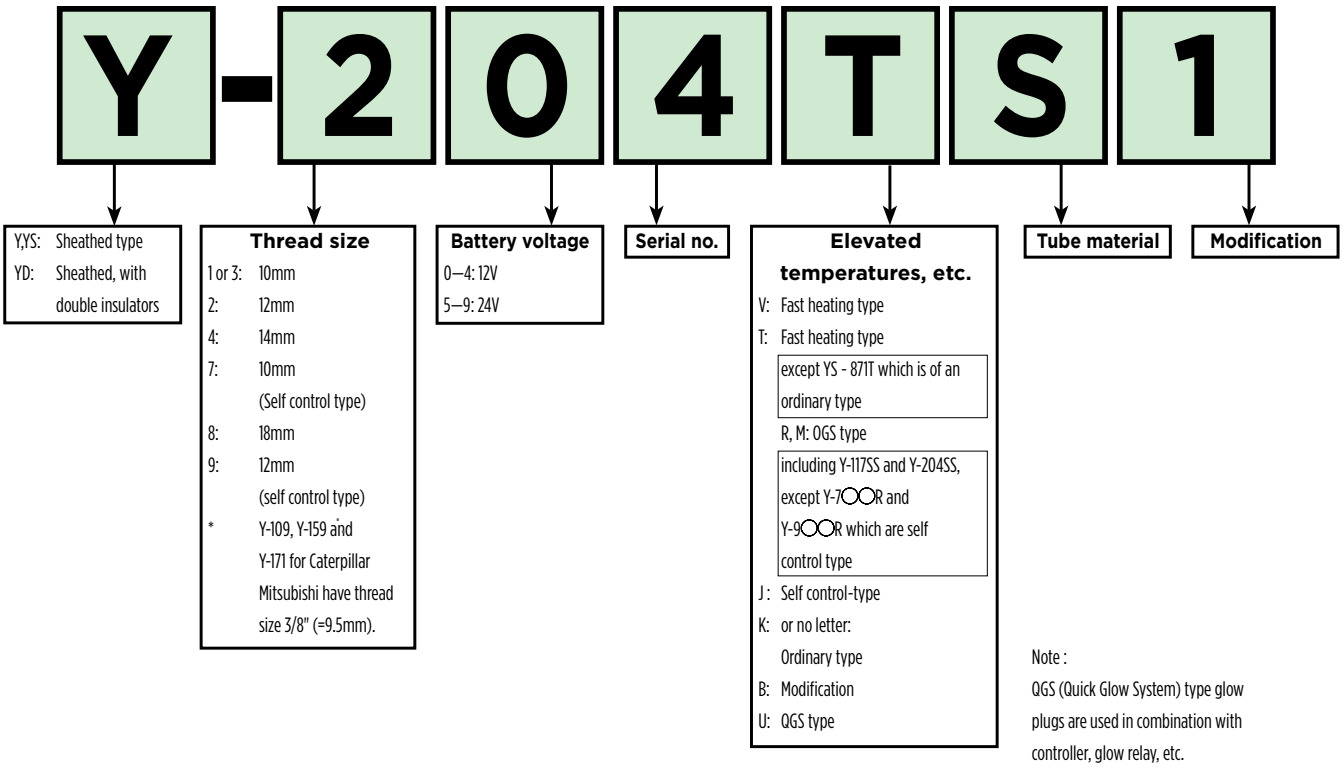
YE52
M 8 x 1.0
10 Hex
23 V

STRUCTURE OF A GLOW PLUG

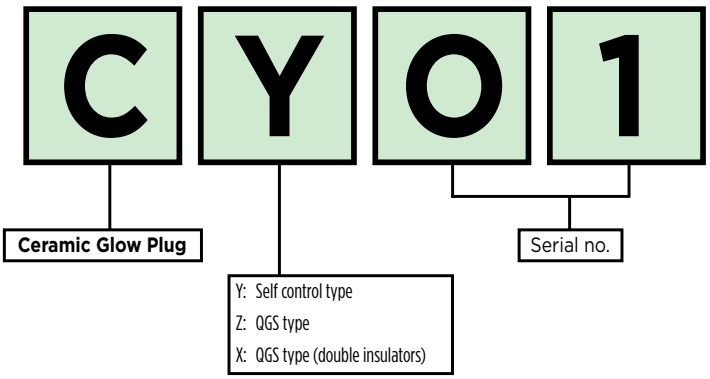


Glow plugs are available in many types for different engine models.

[Sheathed Glow Plug] The sheathed glow plug is developed to withstand heavy-duty containing its heating coil in a refractory tube.



[CERAMIC GLOW PLUG]





IN CASE OF POOR STARTING, CHECK THE FOLLOWING:

1. First check the glow signal (glow indicator) on the instrument panel.

   a) If any sheathed plug is broken, the indicator will take a long time to glow.

   b) If there is a short-circuit, the indicator will glow quickly and will burn.

2. If uncertain, remove the glow plug for visual checking, measure its resistance with a tester, or apply the rated voltage indicated on its hexagon to check for heating.

   (Don't apply battery 12V or 24V directly)

   a) Heating Element Breakage (infinite Resistance or Non Heating)
   Before replacing, check to see if the glow plug was wired properly.
   Also check with a tester to see if excess voltage has been applied to each glow plug.
   Possibly, better to check engine especially for fuel injection timing.

   b) Short-Circuit or Resultant breakage Before replacing, repair any damaged part of the wiring.

	CAUSES	RECOMMENDED COUNTER MEASURE
Melted Heater Tube	• **ABNORMAL/OVERHEATING** a) Incorrect fuel injection timing and volume flow rate b) Abnormal combustion due to excessive lubricating oil entering the combustion chamber	a) Check for injection timing and flow rate b) Check valve guides and piston rings
	• **EXCESSIVE VOLTAGE** a) Incorrect glow plug has been fitted b) Faulty controller relay or glow plugs switched on too long	a) Confirm glow plug part number is correct b) Check controller relay operation



Heating Coil Broken	• Excessive Voltage	• Ensure correct voltage • Ensure manufactures recommendations / specifications are adhered to



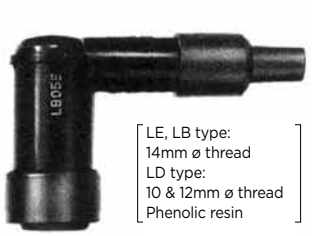
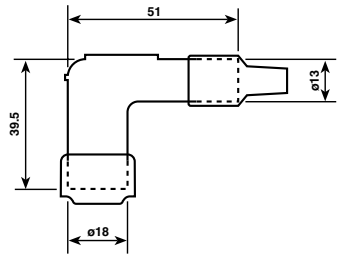
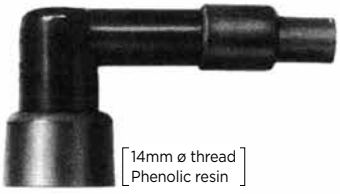
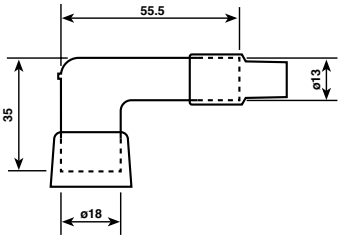
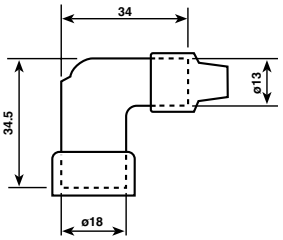
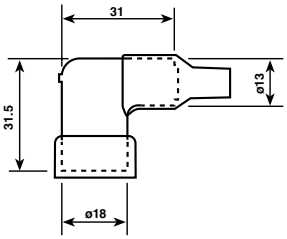
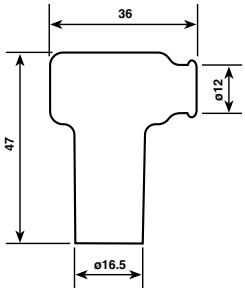
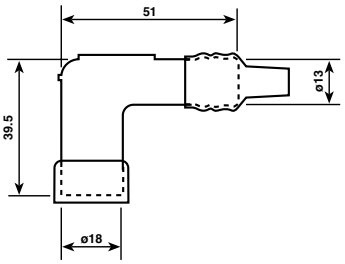
Heater Tube Broken	• Excessive turbulence or overheating due to incorrect fuel injection timing or volume flow rate	• Check fuel injection timing and volume flow rate

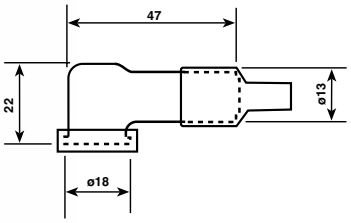
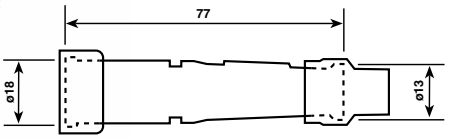
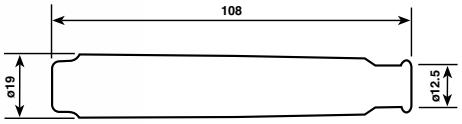
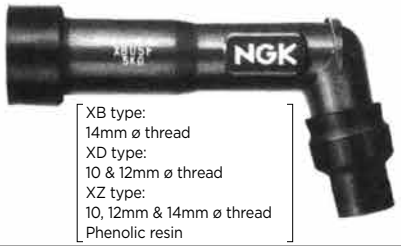
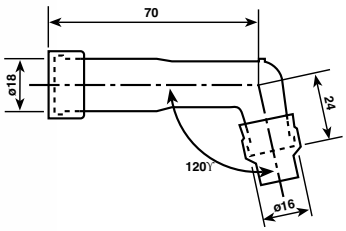
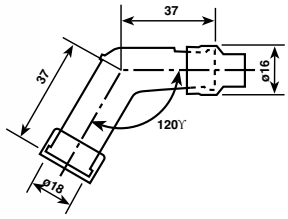
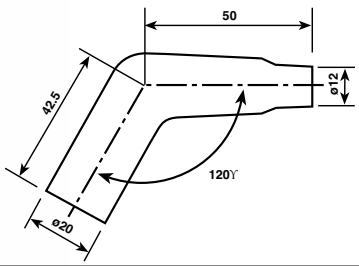
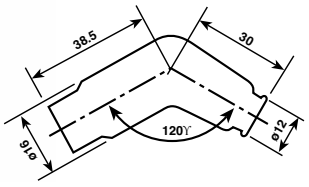


WARNING

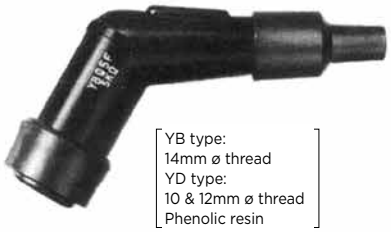
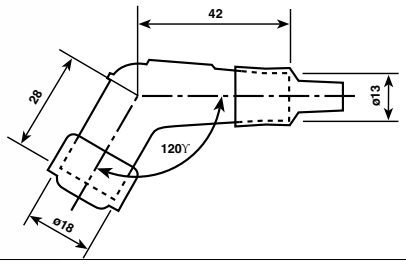
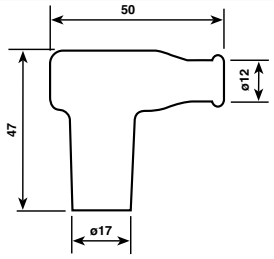
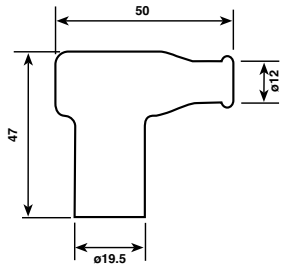
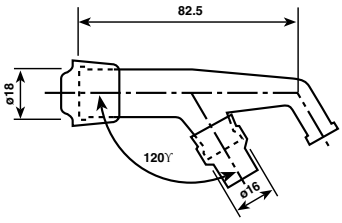
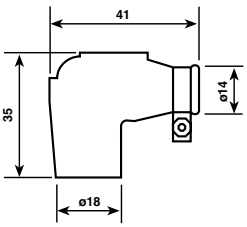
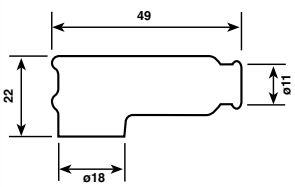
DO NOT CONNECT BATTERY DIRECTLY
TO GLOW PLUG FOR TESTING PURPOSES

NGK SPARK PLUG RESISTOR COVER

Configuration (application plug thread dia, body material) **Unit:** mm	**Type No.**	(KΩ)
 LE, LB type: 14mm ø thread LD type: 10 & 12mm ø thread Phenolic resin <Excluding LB○EZ type> 	**LBE** **LBEPK** **LB○E** **LB○EP** **LB○EZ** **LB○EPK**	No resistor No resistor 1,5,10 1,5,10 1,5,10 1,5,10
 14mm ø thread Phenolic resin <Excluding LB○EZ> 	**LBF** **LB○F** **LB○FP** **LZ○F**	No resistor 1,5,10 1,5,10 1,5,10
 	**LZEH** **LZFH**	No resistor
 LB type: 14mm ø thread LZ type: 10, 12 & 14mm ø thread Phenolic resin 	**LEH** **LB○EH** **LB○EHF** **LB○EHFK** **LDFH**	No resistor 1,5,10 1,5,10 1,5,10 No resistor
 14mm ø thread Rubber sheathed 	**LB○EMH**	5
 10 & 12mm ø thread Phenolic resin 	**LDF** **LD○F**	No resistor 1,5,10

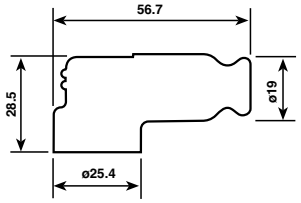
Configuration (application plug thread dia, body material) **Unit:** mm	**Type No.**	(KΩ)
 10mm ø CM-6 only Phenolic resin 	**LC○EFK**	1,5,10
 SB type: 14mm ø thread SD type: 10 & 12mm ø thread SZ type: 10, 12mm & 14mm ø thread Phenolic resin 	**SB○E** **SB○F** **SB○FP** **SD○F** **SD○FP** **SZ○F**	1,5,10 1,5,10 1,5,10 1,5,10 1,5,10 1,5,10
 10 & 12mm ø thread Rubber sheathed 	**SD○FM**	5
 XB type: 14mm ø thread XD type: 10 & 12mm ø thread XZ type: 10, 12mm & 14mm ø thread Phenolic resin 	**XB○F** **XB○FP** **XD○F** **XD○FP** **XZ○F**	1,5,10 1,5,10 1,5,10 1,5,10 1,5,10
 VB type: 14mm ø thread VD type: 10, 12mm ø thread Phenolic resin 	**VB○E** **VBF** **VB○F** **VB○FP** **VD○F** **VD○FP**	1,5,10 No resistor 1,5,10 1,5,10 1,5,10 1,5,10
 10 & 12mm ø thread Rubber sheathed (Silicon) 	**VD○FML**	5
 10 & 12mm ø thread Rubber Sheathed 	**VD○FMH**	5

NGK SPARK PLUG RESISTOR COVER

Configuration (application plug thread dia, body material) **Unit:** mm	**Type No.**	(KΩ)
 YB type: 14mm ø thread YD type: 10 & 12mm ø thread Phenolic resin 	**YB○F** **YB○FP** **YD○F**	1,5,10 5 1,5
 14mm ø thread Rubber Sheathed (Silicon) 	**TB○EM**	5,10
 14mm ø thread Rubber sheathed 	**TB○EMA**	5
 14mm ø thread Polyester Resin 	**VB○EYK**	5
 14mm ø thread Rubber Sheathed (Silicon) 	**LBER**	No resistor
 14mm ø thread Rubber Sheathed (Silicon) For racing spark plug R6120-○ only 	**TRS1225**	5



NGK SPARK PLUG RESISTOR COVER

Configuration (application plug thread dia, body material) **Unit:** mm	Type No.	(KΩ)
14mm ø thread Rubber Sheathed (Silicon) For racing spark plug R5300A-○, R5300N-○ only 	**TRS1408F**	5

SYMBOL EXPLANATION

L B 05 E H P K

External appearance	
L	90° Elbow type
S	Straight
X	102° Elboe type
V	120° Elbow type (long)
Y	120° Elboe type (short)

Resistance	
01	1K Ω
05	5K Ω
10	10K Ω

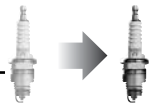
Adaptable plug thread size	
B	14mm ø thread
D	10 & 12mm ø thread
Z	10, 12 & 14mm ø thread

Adaptable plug terminal	
E	For terminal nut or integrated terminal
F	For terminal stud

Accessory	
H	Compact type
P	With special waterproof cover
K	With silicon waterproof cover
S	Metal shielded
M	Rubber sheathed
G	With rubber grommet
W	Double connector springs
F	For 5mm ø high tension cord
L	Wire wound resistance
Y	With handle
Z	Special shape

SPARK PLUG CONVERSION CHART

AC to **NGK**

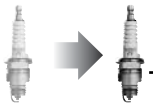


AC	NGK
40TS	BP7FS
40TS	BP7FS
41-100	IZTR4A-11
41-101	ILTR4A-15
41-103	ILTR5B-11
41-105	ILTR5C-11
41-107	ILTR6B-11
41-110	TR55IX
41-267	BKR4E-11
41-600	TR55IX
41-601	BPR6ES
41-602	FR5
41-603	FR4
41-606	TR55
41-608	FR45
41-610	FR4
41-611	FR45
41-627	BKR4E-11
41-628	BKR4E-11
41-629	BKR5ES
41-900	TR5
41-902	TR55
41-904	TR5
41-905	UR4
41-906	TR5
41-907	TR5
41-908	BPR5EFIX-13P
41-910	TR5
41-913	TR55
41-919	TR55
41-921	TR55
41-928	TR55-1
41-929	TR55IX
41-932	TR55IX
41-933	PTR4B-15
41-936	TR55
41-940	TR55
41-942	TR55
41-943	TR55
41-947	TR55
41-948	TR4IX
41-950	PTR5C-13
41-952	BPR5EFIX-13P
41-963	PTR5C-13
41-974	PZTR5A-15

AC	NGK
41-983	PZTR5A-15
41-985	ITR6F-13
41-987	PTR5C-13
41-988	LTR6AP-11
41-993	PTR4G-15
412XLS	BP7ES
414XLS	BP6ES
41F	B6HS-10
41TS	BP6FS
41XL	B9ES
41XLS	BP7ES
422Z	B5HS
426FS	BP6HS
42F	B6HS
42FF	B6HS
42FS	BP6HS
42TS	BP6FS
42XL	B8ES
42XLS	BP6ES
436XLS	BP9ES
438XLS	BP8ES
43F	B6HS
43FFS	BP6HS
43FS	BP6HS
43N	B7ES
43S	BP6S
43TS	BP6FS
43XL	B7ES
43XLS	BPR6EY
44	B6S
44OT	B7FS
44OXLS	BP8ES
44F	B5HS
44FF	B5HS
44FFS	BP5HS
44N	B6ES
44NS	BP5ES
44S	BP5S
44TS	BP5FS
44XL	B6ES
44XLO	BP5ES
44XLS	BP5ES
45	B-4
45F	B5HS
45FF	B5HS

AC	NGK
45FFS	BP5HS
45NS	BP5ES
45TS	BP4FS
45XLS	BP5ES
46F	B5HS
46FF	B5HS
46FFS	BP5HS
46TS	BP4FS
83CTS	AP6FS
83TS	AP6FS
84T	A6FS
84TS	AP5FS
85TS	AP5FS
86TS	AP5FS
B4O31	B-4
B43	B6S
B44FS	BP5HS
B44S	BP5ES
B45	B-4
C42-1	B6S
C42CFS	BP6HS
C42CLTS	BP6EFS
C42CXLS	BP6ES
C42LTS	BP6EFS
C42N	B7ES
C42XLS	BP5ES
C43	B6S
C43CXLS	BP6ES
C43L	B-6L
C43N	B6ES
C44	B6S
C44N	B6ES
C44NS	BP5ES
C44S	BP5S
C44XL	B6ES
C45	B-4
C45L	B-4L
C49	B-2
C73	G-2Z
C75	G-2Z
C81	A-8
C82	A-7
C82T	A7FS
C83	A-7
C83T	A6FS

AC	NGK
C84T	A6FS
C85TS	AP5FS
C86	A-6
C87	A-6
C88	AB-2
C88L	AB-2
CFR1CLS	BCPR7ES
CFR2CLS	BKR6ES
CR42CFS	BPR6FS
CR42CXLS	BPR6ES
CR42N	BR7ES
CR43	BR6S
CR43CXLS	BPR6ES
CR43K	BR6S
CR43N	BR6ES
CR43S	BP6S
CR43TS	BPR5FS-11
CR43TSM	BPR5FS
CR44N	BR6ES
CR44NS	BPR5ES
CR44TS	BPR5FS-11
CR45TS	UR4
CR83T	AR6FS
CS40	BM7A
CS41	BM7A
CS41T	BM7F
CS42	BM7A
CS42S	BM7A
CS42T	BM6F
CS45	BM6A
CS45T	BM6F
CS49	BM4A
CSR45	BMR6A
FR2LS	BKR6ES
FR2LSK	BKR6ES
FR3CLS	BKR5E
FR3CLS6	BKR5E-11
FR3LM	ZFR5A-11
FR3LS	BKR5E
FR3LS6	BKR5E-11
FR3LSJ	BKR4E-11
FR3LSK	BKR5E
FR4LE	ZFR4F-11/ZF4A-11
FR4LSJ	BKR4E-11
FR5LS	BKR5E



SPARK PLUG CONVERSION CHART

AC to **NGK**

AC	NGK
JR42XLS	BPR6EY
LM46	B4-LM
LM49	B4-LM
M40FFX	B9HS-10
M41FF	B8HS
M41K	B8S
M42FF	B7HS
M42K	B7S
M43FF	B6HS
M43S	BP6S
M44C	B6S
M44L	B-6L
M45	B-4
M45FF	B5HS
M47	BI4
M90	B9S
MB42K	B6S
MR42K	BR6S
MR42LTS	BPR6EFS
MR43LTS	BPR5EFS
MR43T	BR6FS
MR44C	BR6S
MR44T	BR5FS
R415TS	BPR6FS
R41CF	BR7HS
R41CXL	BR9ES
R41CXLS	BPR7ES
R41TS	BPR6FS
R425LTS	BPR6EFS
R425TS	BPR6FS
R426FS	BPR6HS
R42CF	BR6HS
R42CFS	BPR6HS
R42CLTS	BPR6EFS
R42CT	BR6FS
R42CTS	BPR6FS
R42CXL	BR8ES
R42CXLS	BPR6ES
R42FS	BPR6HS
R42LTS	BPR6EFS
R42LTSM	BPR5EFS-13
R42S	BP6S
R42T	BR6FS
R42TS	BPR6FS
R42TSM	BPR6FS

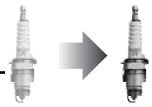
AC	NGK
R42TX	BR6FS-15
R42XL	BR8ES
R42XLS	BPR6ES
R42XLSM	ZGR5C
R43	BR6S
R43C	BR6S
R43CFS	BPR6HS
R43CNTSE	TR5-1IX
R43CS	`BP6S
R43CT	BR6FS
R43CTS	BPR6FS
R43CTS6	BPR6FS
R43CXL	BR7ES
R43CXLS	BPR6ES
R43FS	BPR6HS
R43LTS	BPR6EFS
R43LTSE	TR4IX
R43LTSX	BPR6EFS-13
R43N	BR7ES
R43NTSE	TR5-1IX
R43S	BP6S
R43T	BR6FS
R43TS	BPR6FS
R43TS	BPR6FS
R43TSK	BPR6FS
R43TSX	BPR6FS
R43TX	BR6FS-15
R43XL	BR7ES
R43XLS	BPR6ES
R44	BR6S
R44CF	BR5HS
R44CNTSE	TR5-1IX
R44CXL	BR6ES
R44CXLS	BPR5ES
R44F	BR5HS
R44LTS	BPR5EFS
R44LTS6	BPR5EFS
R44LTS6K	BPR5EFS-13
R44LTSM	TR4IX
R44LTSM6	TR4IX
R44N	BR6ES
R44NS	BPR5ES
R44NTSE	TR5-1IX
R44S	BP5S
R44T	BR5FS

AC	NGK
R44TS	BPR5FS
R44TSX	BPR5FS-15
R44TX	BR5FS-15
R44XL	BR6ES
R44XLS	BPR5ES
R44XLS6	BPR4ES-13
R44XLSE	ZGR5C
R44XLSM	ZGR5C
R45LTS6	BPR5EFS-13
R45LTS6K	BPR5EFS-13
R45NS	BPR5ES
R45NSX	BPR5ES-13
R45NTSE	TR5-1IX
R45S	BP5S
R45T	BR5FS
R45TS	BPR4FS
R45TSX	BPR4FS-15
R45XL	BR6ES
R45XLS	BPR5ES
R46	BR6S
R46LTS	BPR5EFS
R46N	BR5ES
R46S	BP-4
R46SZ	XR45IX
R46T	BR5FS
R46TS	BPR4FS
R46TSX	BPR4FS
R46TX	BR5FS-15
R46XL	BR5ES
R46XLS	BPR4ES
R47S	BP-4
R83CT	AR6FS
R83CTS	APR6FS
R83TS	APR6FS
R84TS	APR5FS
R85TS	APR5FS
S102F	C7HSA
S104F	C6HSA
S121F	D8HA
S121XL	D8EA
S122F	D8HA
S123XL	D7EA
S124FS	D6HA
S404XLG	B10EG
S408XLG	B9EG

AC	NGK
S40F	B9HS
S40FR	BR9HS
S40XL	B10ES
S40XLG	B9ECS
S40XLR	BR8ES
S41F	B8HS
S41FG	B7HCS
S41FR	BR8HS
S41XL	B9ES
S41XLG	B8ECS
S41XLR	BR9ES
S42	B7S
S42F	B7HS
S42FR	BR7HS
S42XL	B8ES
S42XLR	BR8ES
S43XL	B7ES
S43XLR	BR7ES
S44	B6S
S44F	B5HS
S44XL	B6ES
S45F	B5HS
S46	B-4
S81F	A-8
S82F	A-8
S83F	A-7
S85F	A-6
SB41	B7S
SV4XL	BUE
V40	B9S
V40FFK	BUHW-2
V40FFM	BUHW
V40FFS	BUH
VB40FFM	BUHXW-1
VR40FFK	BUZHW-2
VR40FFM	BUZHW

SPARK PLUG CONVERSION CHART

Autolite to **NGK**

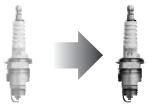


Autolite	NGK
102	BP7EFS
103	BPR6EFS
104	BPR6EFS
105	BPR5EFS
106	BPR5EFS
112	A9FS
113	A7FS
115	A6FS
117	A6FS
12	BP7FS
124	AR6FS
13	BP6FS
135	B7FS
14	BP6FS
146	BR5FS
147	BR5FS
15	BP5FS
156	AP5FS
16	BP4FS
166	APR5FS
203	BPR6FS
23	BPR6FS
24	BPR6FS
2413	TR5-1
2417	B7ECS
25	BPR5FS
2543	TR5-1
2544	TR5-1
2545	TR5-1
2546	TR5-1
255	BM6A
2585	BPR5ES
26	BPR4FS-15
2656	B5HS
27	BPR4FS-15
273	BP6HS
274	BP6HS
275	BP5HS
276	BP5HS
2795	C7HSA
2796	C6HSA
284	BPR6HS
2976	BPMR7A
3036	BPR4FS-15
3055	A6FS

Autolite	NGK
3136	CMR6A
32	AP7FS
3203	BPR6ES
3204	BPR6ES
3205	BPR5ES
3206	BPR5ES
3207	BPR5ES
3243	BPR6EFS
3244	BPR6EFS
3245	BPR5EFS
3246	BPR5EFS
3264	B7FS
3266	BR5FS
3267	BR5FS
3286	APR6FS
33	AP6FS
3303	BPR6FS
3345	BMR7A
3364	BPR6HS
34	AP6FS
3404	AR6FS
344	AR6FS
3463	BR6ES
3464	BR6ES
3465	BR5ES
3466	BR5ES
35	AP5FS
3565	BPR5EFS
3586	BPR5ES-13
36	AP5FS
3604	BPR5FS-15
3605	BPR4FS-15
3606	BPR4FS-15
3607	BPR4FS-15
3627	BR5FS
3666	B4LM
3684	BR7HS
3686	BR6HS
37	AP5FS
3705	BR6ES
3706	BR6ES
3724	BPR5EFS
3885	ZGR5C
3896	ZGR5C
3922	BCPR7ES

Autolite	Autolite
3924	BKR6E
3926	BKR5E
3954	D8EA
3964	DR8ES-L
3985	BPR6FS-15
403	BR6ES
404	BR6ES
4043	BPR6ES-11
405	BR5ES
4056	B6ES
406	BR5ES
4063	BR9ES
4092	B7HS
4093	B7HS
4113	BP6HS
4114	BP6HS
4123	BPR6HS
4132	D8EA
415	B5HS
4153	DP8EA-9
416	B5HS
4162	DPR9EA-9
4164	D7EA
4193	C7HSA
4251	BP8ES
4252	BP7ES
4253	BP6ES
4263	BPR6ES
4265	BPR5ES
43	APR6FS
44	APR6FS
45	APR5FS
46	APR5FS
472	BPEFS
483	BR7EFS
5143	TR5-1
515	BP5HS
516	BP5HS
5184	BKR5E
52	BP7ES
5224	BKR5E
53	BP6ES
535	B5HS
54	BP6ES
55	BP5ES

Autolite	NGK
56	BP5ES
584	AR6FS
603	BPR6EFS-13
604	BPR6EFS-13
605	BPR6EFS-13
62	BP7ES
63	BPR6ES
64	BPR6ES
646	BPR5ES-13
65	BPR5ES
66	BPR5ES
664	BPR6FS
665	BPR5FS-15
666	BPR4FS-15
667	BPR4FS-15
67	BPR4ES
687	BR5FS
723	BPR6FS
724	BPR6FS
725	BPR5FS-11
726	BPR4FS
727	BPR4FS-11
744	APR5FS
746	APR5FS
747	APR5FS
763	TR5-1
764	BPR6EFS
765	BPR5EFS
766	BPR5EFS
784	AR6FS
804	AR6FS
865	BPR5EFS
884	BPR6EFS-13
9062	BP6ET
9063	BP6ET
9064	BP5ET
915	ZGR5C
925	ZGR5C
935	BPR5ES
94	BP7EFS
945	BPR5ES
985	ZFR4F-11
9921	BCPR6ET
AP63	PFR6B
APP392411	BKR5EP-11



SPARK PLUG CONVERSION CHART

Beru to **NGK**

Beru	NGK
1325701	BP5ES
1325704	BP5ESZ
1325705	BCP5ES
1325710	BP5ET
1330104	BUR5ET
1330112	BUR5ET-10
1330113	BUR5ET
1330116	BKUR5ET-10
1330119	BKUR5ET
1330501	BKR6EK
1330702	BP5ES
1330707	BCP5ES
1330709	BP5ET-10
1330713	BP5ESZ
1330717	ZFR5F
1330718	ZGR5A
1330725	BCP5ES
1330726	BP5ESZ
1330731	BCP5ES
1330780	BKR6EZB
1330904	IFR5D-10
1335107	BKUR6ET-10
1335108	BUR6ET
1335702	BP6ES
1335709	BP6ET
1335714	BP6ESZ
1335721	BCP6ES
1335725	BCP6ES
1335729	BKR6ES
1335732	BKR6EK
1335737	BP6ESZ
1335742	ZFR5P-G
1335905	IFR6D-10
1335910	IFR6D-10
1335911	PZFR5D-11
1335914	PFR6Q
1340103	BKUR6ET
1340702	BP6ES
1340704	BP6ET
1340706	BCP6ET
1340707	BP6ESZ
1340716	BCP6ES
1340717	BCP6ET
1340723	BKR6ES
1340806	BKR6ES

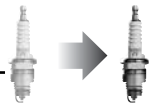
Beru	NGK
1340903	BP6ES
1340908	PFR7Q
1345702	BP7ES
1345704	BP6ET
1345711	BP7ES
1345720	BCP7ES
1350903	BP7ES
1430700	BP5HS
14307001	B5HS
1435700	BP6HS
1440700	BP6HS
1445700	BP7HS
1625700	BP5EFS
1625702	BP5EFS
1630700	BP5EFS
1630704	BP5EFS
1635700	BP6EFS
1635709	BP6EFS
1640700	BP6EFS
1640704	BP6EFS
1640705	BP6EFS
1645700	BP7EFS
1645703	BP7EFS
1735700	AP6FS
1740700	AP6FS
2235901	PLZKBR7A-G
2325700	BPR5ES
2330204	BKR5EYA-11
2330701	BPR5ES
2330702	BPR5ES-11
2330703	BKR5ES
2330704	BKR5ES-11
2330706	BPR5EKU
2330710	BKR5EK
2330712	BCRE527Y
2330713	BKR5EY
2330714	BKR5EYA
2335100	BCPR7ET
2335500	BKR6EK
2335701	BPR6ES
2335704	BR6ES
2335706	BPR6ES-11
2335707	BKR6ES
2335708	BKR6ES-11
2335712	BKR6EY

Beru	NGK
2335713	BKR6EYA
2335714	BKR6EYA-11
2335715	ZFR6F-11
2335719	LFR6B
2335902	BCPR6EP-11
2335903	BCPR6EP-11
2335904	BKR6EP-8
2335911	BKR6EQUP
2340102	BKR6EKUB
2340500	BKR6EK
2340501	BKR6EKE
2340504	BKR6EKC
2340701	BPR6ES
2340702	BKR6ES
2340703	BPR6ES-11
2340704	BKR6ES-11
2345701	BPR7ES
2345702	BCPR7ES
2345704	BCPR7ET
2435701	BPR6HS
2630701	PTR5A-13
2630715	LTR6B-10T
2630900	TR55
2635700	BPR6EFS
2635701	BPR6EFS-13
2640100	BUR6EFSZ
2640700	BPR6EFS
2640701	BPR6FS
2640900	PTR5A-13
12ZR6SP03	PLZKBR7B8DG
144DP0	BP7ES
145BU	BP7HS
145DTU	BP6ET
145DU	BP7ES
145DU0	BP7ES
146BU	BP6HS
146DP0	BP6ES
146DTU	BP6ET
146DU	BP6ES
146DU0	BP6ESZ
147BU	BP6HS
147DTU	BP6ET
147DU	BP6ES
147DU0	BP6ESZ
148AU	B5HS

Beru	NGK
148BU	BP5HS
148DTU	BP5ET-10
148DU	BP5ES
148DU0	BP5ESZ
148LUR	ZGR5A
149DTU	BP5ET
149DU	BP5ES
149DU0	BP5ESZ
14F5DU	BCP7ES
14F6DPUR021	PFR7Q
14F6DSR	BKR6ES
14F6DTU	BCP6ET
14F6DU0	BCP6ES
14F6DUOR	BKR6ES
14F7DPUR02	PFR6Q
14F7DPURX2	IFR6D-10
14F7DU	BCP6ES
14F7DU0	BCP6ES
14F7DUOR	BKR6ES
14F7HPURX2	PZFR5D-11
14F7HUR2	ZFR5P-G
14F7LDUR4	BKR6EK
14F8DU	BCP5ES
14F8DU4	BCP5ES
14F8DU0	BCP5ES
14F8DUR	BKR6EZB
14F8LDUSR	BKR6EK
14F8LUR	ZFR5F
14F9DU0	BCP5ES
14FGH6DTUR	BKUR6ET
14FGH7DPURX2	IFR6D-10
14FGH7DTURX	BKUR6ET-10
14FGH8DPURX2	IFR5D-10
14FGH8DTURW	BKUR5ET
14FGH8DTURX0	BKUR5ET-10
14FGR6DDU	BKR6EKUB
14FGR7CTU	BCPR7ET
14FLR8LDUX	BKR5EK
14FR5DTU	BCPR7ET
14FR5DU	BCPR7ES
14FR6DU	BKR6ES
14FR6DUX	BKR6ES-11
14FR6LDU	BKR6EK
14FR6LDU3	BKR6EKE
14FR6LDUW	BKR6EKC

SPARK PLUG CONVERSION CHART

Beru to **NGK**

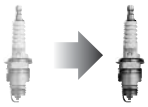


Beru	NGK
14FR7DQUP7	BKR6EQUP
14FR7DU	BKR6ES
14FR7DUX	BKR6ES-11
14FR7KPU	BKR6EP-8
14FR7KPUV	BCPR6EP-11
14FR7KPUX	BCPR6EP-11
14FR7KU	BKR6EY
14FR7KUO	BKR6EYA
14FR7KUOX	BKR6EYA-11
14FR7LDU	BKR6EK
14FR7LUX	ZFR6F-11
14FR7MU2	LFR6B
14FR8DU	BKR5ES
14FR8HU	BCRE527Y
14FR8KU	BKR5EY
14FR8KUO	BKR5EYA
14FR8KUOU	BKR5EYA-11
14FR8LDUOX4	BKR5EK
14G8DTU	BUR5ET
14GH7DTUR	BUR6ET
14GH8DTUR	BUR5ET
14GH8DTURX	BUR5ET-10
14GR8DTU	BPR5EKU
14K5DU	BP7EFS
14K5DUO	BP7EFS
14K6DU	BP6EFS
14K6DUO	BP6EFS
14K7DU	BP6EFS
14K7DUO	BP6EFS
14K8DU	BP5EFS
14K8DUO	BP5EFS
14K9DU	BP5EFS
14K9DUO	BP5EFS
14KGR6KQU	BUR6EFSZ
14KR6BU	BPR6FS
14KR6DU	BPR6EFS
14KR6ZPPV	PTR5A-13
14KR7DU	BPR6EFS
14KR7DUX	BPR6EFS-13
14KR8DPUOV	TR55
14KR8MPX	PTR5A-13
14KR8MUV	PTR5A-13
14KR8STUX	LTR6B-10T
14R5DU	BPR7ES
14R6BU	BPR6HS

Beru	NGK
14R6DU	BPR6ES
14R6DUX	BPR6ES-11
14R7BU	BPR6HS
14R7CU	BR6ES
14R7DU	BPR6ES
14R7DUX	BPR6ES-11
14R8DU	BPR5ES
14R8DUX	BPR5ES-11
14R9DU	BPR5ES
18K12B	AP5FS
18K6BU	AP6FS
18K7BU	AP6FS
18K8BU	AP5FS
3167	ZFR4F-11
3168	PFR6B-11
D15Y	BCP6ES
RS16	BPR6HIX
RS33	BPR5EIX
RS35	BPR6EIX
Z1	BP5ES
Z10	BP6HS
Z100	BKR6ES
Z101	BKR6EK
Z103	BP7ES
Z104	BP6ES
Z105	BKR6E
Z107	BP4
Z11	BP6ES
Z112	B4
Z12	BP6ET
Z13	BKR6E
Z14	BKR6EK
Z144	BUR6EFSZ
Z145	BKR6EKUB
Z148	TR55
Z149	BCPR6EP-11
Z15	BKR6E
Z150	BCPR6EP-11
Z151	BKR6EP-11
Z152	BCRE527Y
Z153	BKR5EY
Z154	BKR5EYA
Z155	BKR6EY
Z156	BKR6EYA
Z157	BKR6EYA-11

Beru	NGK
Z158	ZFR6F-11
Z16	BCPR6ES-11
Z17	BP6EFS
Z18	BP6EFS
Z19	BPR6HS
Z2	BP5ET
Z20	BPR6ES
Z21	BPR6ES-11
Z22	BP6ES
Z23	BKR6E
Z24	BKR6E
Z25	BP6EFS
Z26	BPR6EFS
Z27	BPR6ES
Z28	BPR6ES-11
Z29	BCP7ES
Z3	ZGR5A
Z30	BCPR7ES
Z31	BP7EFS
Z32	AP6FS
Z33	AP6FS
Z35	D7EA
Z36	D7EA
Z37	B9HS
Z38	B9ES
Z39	B8HS
Z4	ZFR5F
Z40	B7HS
Z41	BP7HS
Z42	BP7ES
Z43	BP7ES
Z44	BP6ET
Z45	BCPR7ET
Z46	BP7EFS
Z47	BPR7ES
Z48	BP6HS
Z49	BPR6FS
Z5	BCP5ES
Z50	BP6ESZ
Z51	BP6ET
Z52	BCP6ET
Z53	BCP6ET
Z54	BCP6ES
Z55	BP6EFS
Z56	BP6EFS

Beru	NGK
Z57	B6HS
Z58	B6ES
Z59	BR6ES
Z6	BP5EFS
Z60	BCPR7ET
Z61	BP6ESZ
Z62	BP6ESZ
Z63	BCP6ES
Z64	BCP6ES
Z66	BP6EFS
Z67	BPR6EFS-13
Z68	B5HS
Z69	BP5ESZ
Z7	BP5EFS
Z70	BP5ESZ
Z71	BCP5ES
Z72	BCPR5ES
Z73	BCPR5ES-11
Z74	BKR5EK
Z75	BUR5ET
Z76	BP5ES
Z77	BP5ESZ
Z78	BP5ET
Z79	BCP5ES
Z8	BPR5ES
Z80	BP5EFS
Z81	BP5EFS
Z82	BPR5ES
Z83	B4LM
Z84	BR4LM
Z85	B6HS
Z86	AB7
Z87	AB7
Z88	AB6
Z89	BKUR6ET
Z9	BPR5ES-11
Z90	BKUR6ET-10
Z91	BUR6ET
Z92	BUR5ET
Z93	BUR5ET-10
Z94	BPR5EKU
Z95	BPR6EFS
Z97	PTR5A-13
Z99	BCPR6ES-11



SPARK PLUG CONVERSION CHART

Bosch to **NGK**

Bosch	NGK
241235715	PZFR5D-11
241235730	ZFR5P-G
242129503	LZKAR7A
242145118	PLZKBR7A-G
242229699	ZFR5F
242235642	BKR6EKUB
242235743	PLFR6A-11
8771207	R2349-10
8874601	R0354H-11
8881101	R2349-11
BR8SEW	LZKAR7A
D10B	AP5FS
D10BC	AP5FS
D6B	AP6FS
D6BC	AP6FS
D6BP	AP6FS
D7A	A6FS
D7AC	A6FS
D7B	AP6FS
D7BC	AP6FS
D7BP	AP6FS
D8A	A5FS
D8AC	A5FS
D8B	AP5FS
D8BC	AP5FS
D8BP	AP5FS
D9B	AP5FS
D9BC	AP5FS
DR10B	APR5FS
DR10BC	APR5FS
DR6B	APR6FS
DR6BC	APR6FS
DR6BP	APR6FS
DR7B	APR6FS
DR7BC	AP6FS
DR7BP	APR6FS
DR8B	APR5FS
DR8BC	APR5FS
DR8BP	APR5FS
DR9B	APR5FS
DR9BC	APR5FS
F03DAR	BKR6EK
F04DAR	BKR6EK
F2CS	R7433-9
F2DTC	R6888A-9

Bosch	NGK
F3CS	R7433-9
F4CS	R7433-8
F5DC	BCP7ES
F5DP	BCP7ES
F5DPOR	PFR7B
F5DTC	BCP7ET
F5KPP332SB	PFR7S8EG
F6DC	BCP6ES
F6DCO	BCP6ES
F6DCOR	BKR6ES
F6DCX	BCP6ES-11
F6DP	BCP6ES
F6DPOR	PFR6Q
F6DPX	BCP6ES-11
F6DSR	BKR6EIX
F6DTC	BCP6ET
F6KPP332S	PFR6Q
F6LTCR	BKUR7ET
F6MPP332	ILFR6A
F6R7DQP	BKR6EQUP
F7DC	BCP6ES
F7DCO	BCP6ES
F7DCOR	BKR6ES
F7DCX	BCP6ES-11
F7DER	BKR6ES
F7DP	BCP6ES
F7DPER	PFR6G-11
F7DPP332	IFR6D-10
F7DTC	BCP6ET
F7HER02	ZFR6T-11G
F7HER2	ZFR5P-G
F7HPP22	PFR6Q
F7HPP222	PZFR5D-11
F7HPP222U	PZFR6J-11
F7HPPRX	PZFR5D-11
F7KPP332U	PFR6X-11
F7KTCR	BKUR6ET-10
F7LCOR2	ZFR6F-11
F7LCR	ZFR6A-11
F7LDCR	BKR6EK
F7LTCR	BKUR6ET-10
F8DC	BCP5ES
F8DC4	BCP5ES
F8DCO	BCP5ES
F8DCOR	BKR5ES

Bosch	NGK
F8DCX	BCP5ES-11
F8DPER	IFR5D-10
F8DPP332	IFR5D-10
F8KTCR	BKUR5ET
F8LCR	ZFR5F
F8LCR2	ZFR5F
F8LDCR	BKR6EK
F9DCO	BCPR4ES-11
F9LCR	ZFR4F-11
FGR5KQEO	BKR7EQUP
FGR5NQEO	ILFR7H
FGR6HQEO	ZFR6S-Q
FGR6KQC	BKR6EQUP
FGR6KQE	BKR6EQUP
FGR7DP	BKR6EQUP
FGR7DPP10	BKR6EIX-11P
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FGR7DQE+	BKR6EKUB
FGR7DQP	BKR6EQUP
FGR7DQP+	BKR6EQUP
FGR7KQC	BKR6EQUP
FGR7KQE	BKR6EQUP
FGR7KQEO	BKR6EQUP
FGR8KQE	BKR5EKUP
FGR8KQEO	BKR5EQUPA
FGR8MQPE	PLFR5A-11
FL7HTCOR	BKUR5ETC-10
FLR8LDCU	BKR5EK
FLR8LDCU+	BKR5EK
FLR8LDU+	BKR5EK
FLR8LD+U	BKR5EK
FQ5NIPP332S	PLFER7A-8EG
FQ5NPP332S	PLFER7A-8EG
FQR8DE	BKR6EZB
FQR8LE2	ZFR5F
FQR8LEU2	ZFR5F-11
FR10DCX	BCPR4ES-11
FR10DX	BCPR4ES-11
FR5DC	BCPR7ES
FR5DCX	BCPR7ES-11
FR5DP	BCPR7ES
FR5DPP222	IZFR6K-11
FR5DTC	BCPR7ET
FR5KPP332S	PFR7S8EG
FR5LDC	BKR7EKC

Bosch	NGK
FR6D133	IFR6J-11
FR6DC	BKR6ES
FR6DC2	BKR6ES
FR6DCO	BKR6EK
FR6DCX	BKR6ES-11
FR6DC+	BKR6ES
FR6DDC	BKR7EKC
FR6DP	BKR6ES
FR6DP1X	PFR6J-11
FR6DPP22U	PFR6T-10G
FR6DPP332	PFR6B
FR6DPP33X	BKR6EP-11
FR6DPX	BKR6ES-11
FR6DTC	BCPR6ET
FR6DTCW	BKR5EKC
FR6HI332	PZFR6R
FR6KDC	BKR6EZ
FR6KDC+	BKR6EZ
FR6KDEO	BKR6EKE
FR6KI332S	BKR6EIX
FR6KPP332S	PFR6Q
FR6KTC	BKUR6ET
FR6LDC	BKR6EK
FR6MPP10	PLFR6A
FR6MPP10	PLFR6A-11
FR6MPP332	ILFR6A
FR78	BKR6EQUP
FR78X	BCPR6ET
FR7DC	BCPR6ES
FR7DC	BKR6ES
FR7DC2	BKR6E
FR7DC2	BKR6ES
FR7DC4	BKR6ES
FR7DC9	BKR6E
FR7DCO	BKR6ES
FR7DCX	BKR6ES-11
FR7DCX+	BKR6ES-11
FR7DC+	BKR6ES
FR7DC+	BKR6ES
FR7DE	BKR6EZ
FR7DE2	BKR6E
FR7DP	BKR6ES
FR7DP1X	PFR6B-11
FR7DPP10	BKR6EIX
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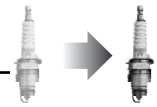
SPARK PLUG CONVERSION CHART

Bosch to **NGK**



Bosch	NGK
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FR7DPP33	PFR6Q
FR7DPP+	PFR6B
FR7DPX	BKR6ES-11
FR7DQP	BKR6EQUP
FR7DTC	BCPR6ET
FR7HCOX	ZFR5E-11
FR7HC+	ZFR6T-11G
FR7HE2	ZFR5P-G
FR7HPP222	PZFR5D-11
FR7HPP332W	PZFR5N-11T
FR7HPP33+	PZFR5D-11
FR7KC	BKR6EY
FR7KCU	BKR6EYA-11
FR7KCW	BKR5EYA
FR7KCW	BKR6EP-11
FR7KCW	BKR6EY-11
FR7KCX	BKR6EY-11
FR7KCX+	BKR6EYA-11
FR7KC+	BKR6EY
FR7KDC	BKR6EZ
FR7KI30	FR6EI
FR7KPP332	IZFR6H-11
FR7KPP332U	PFR6X-11
FR7KPP33+	PFR6Q
FR7KTC	BKUR6ET-10
FR7LC2	BKR6ES
FR7LCX	ZFR6F-11
FR7LCX+	ZFR6F-11
FR7LDC	BKR6EK
FR7LDC	BKR6EK
FR7LDC+	BKR6EKC
FR7LDU	BKR6EK
FR7LD+	BKR6EK
FR7LPX+	IZFR6H-11
FR7ME	LFR6A
FR7MPP10	PLFR6A
FR7NI33	ILFR6B
FR7NI332S	ILFR6K-8
FR7NPP332	ILZFR6D-11
FR7SE	LFR6C-11
FR7SI30	ILZFR6C-11K

Bosch	NGK
FR8DC	BCPR5ES
FR8DCO	BKR5ES
FR8DCX	BCPR5ES-11
FR8DCX	BKR5ES-11
FR8DCX+	BKR5ES-11
FR8DC+	BKR5ES
FR8DE	BKR5ES
FR8DII33X	IFR5N-10
FR8DPP33	PFR5R-11
FR8DPP33+	PFR5R-11
FR8DPX	BKR5ES-11
FR8DS	BKR5EIX
FR8DX	BKR5ES-11
FR8HC	ZFR5F-11
FR8HDC	BKR5EKB-11
FR8HP	ZFR5F-11
FR8KCU	BKR5EYA-11
FR8KDC	BKR5EK
FR8LCX	ZFR6F-11
FR8LDC	BKR5EK
FR8LDC4	BKR5EK
FR8LTC	BKUR5ET-10
FR8ME	LFR5B
FR8SC	LFR6B
FR8SC+	LFR6B
FR8SEO	LFR6B
FR8SPP332	ILFR5B-11
FR9DC	BKR5ES
FR9DCX	BCPR4ES-11
FR9HC	ZFR4F-11
FRKDC+	BKR6EZ
H10B	BP4FS
H10BC	BP4FS
H10C	BP4FS
H2CS	B9EFS
H3CS	B8EFS
H5DC	BP7EFS
H5DCO	BP7EFS
H5DP	BP7EFS
H6B	BP6FS
H6BC	BP6FS
H6D	BP6EFS
H6DC	BP6EFS
H6DCO	BP6EFS
H6DP	BP6EFS

Bosch	NGK
H7CC	BR6EF
H7CP	B6EFS
H7D	BP6EFS
H7DC	BP6EFS
H7DCO	BP6EFS
H7DCY	BP6EFS-13
H7DP	BP6EFS
H7DPY	BP6EFS-13
H8B	BP5FS
H8BC	BP5FS
H8BP	BP5FS
H8DC	BP5EFS
H8DCO	BP5EFS
H8DCX	BP5EFS-13
H8DP	BP5EFS
H9BC	BP4FS
H9BCY	BPR4FS-15
H9DC	BP5EFS
H9DCO	BP5EFS
H9HP	BP5EFS
HGR6KQC	BUR6EFSZ
HGR7KQC	BUR6EFSZ
HLR8STEX	LTR6B-10T
HR10A	BR5FS
HR10AC	BR5FS
HR10ACY	BR5FS-15
HR10AY	BR5FS-15
HR10B	BPR4FS
HR10BC	BPR4FS
HR10BCX	BPR4FS-11
HR10BCY	BPR4FS-15
HR10BX	BPR4FS-11
HR10BY	BPR4FS-15
HR6BC	BPR6FS
HR6BP	BPR6FS
HR6D	BPR6EFS
HR6DC	BPR6EFS
HR6DC+	BPR6EFS
HR6DPP33V	ITR6F-13
HR6DS	BPR6EFS
HR7DC	BPR6EFS
HR7DCX	BPR6EFS
HR7DCX+	BPR6EFS
HR7DCY	BPR6EFS-15
HR7DCY+	BPR6EFS-15

Bosch	NGK
HR7DC+	BPR6EFS
HR7DPP22	PTR6F-13
HR7D+	BPR6EFS
HR7MEV	TR5B-13
HR7MPP22U	PTR5A-13
HR7MPP302	PTR5A-13
HR7MPP+	PTR5A-13
HR7NI332W	LTR6IX-11
HR8A	BR5FS
HR8AC	BR5FS
HR8ACY	BR5FS
HR8AP	BR5FS
HR8APY	BR5FS-15
HR8AY	BR5FS-15
HR8B	BPR5FS
HR8BC	BPR5FS
HR8BCY	BPR5FS-15
HR8BP	BPR5FS
HR8BPX	BPR5FS-11
HR8BPY	BPR5FS-15
HR8BY	BPR5FS-15
HR8DC+	BPR5EFS
HR8DPP22U	PTR5D-10
HR8LCO	TR5-1
HR8LCO	TR5-1
HR8LPO	TR5-1
HR8MCV+	TR5B-13
HR8MEV	TR5B-13
HR8NPP302	PTR5A-13
HR8NPP302	PTR5A-13
HR9A	BR5FS
HR9AC	BR5FS
HR9ACY	BR5FS-15
HR9AP	BR5FS
HR9AY	BR5FS-15
HR9B	BPR4FS
HR9BC	BPR4FS
HR9BCY	BPR4FS-15
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HR9BC+	BPR4FS
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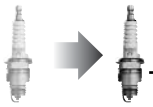
HR9BPY	BPR4FS-15
HR9BY	BPR4FS-15
HR9D	BPR5EFS
HR9DC	BPR5EFS



SPARK PLUG CONVERSION CHART

Bosch to **NGK**



Bosch	NGK
HR9DCX	BP5EFS-13
HR9DPY	TR55IX
HS5E	BM7F
HS8E	BM6F
M10A	A-6
M10AC	A-6
M10ACO	A-6
M10AO	A-6
M12B	AP5FS
M4A	A-7
M4A1	A-8
M5A	A-7
M5AC	A-7
M7A	A-6
M7AC	A-7
M8A	A-6
M8AC	A-6
M8ACO	AB-6
M8AO	A-6
UR2AS	CR8HS
UR2CC	CR9E
UR3AC	CR7HSA
UR3AS	CR7HS
UR3CC	CR7E
UR4AS	CR6HS
UR5	CR7HSA
UR6DC	CPR7EA-9
UR6DE	PMR7A
USR7AC	CMR6H
VR7SPP33	LZKAR6AP-11
VR8SC	LZKAR7A
VR8SC+	LZKAR7A
VR8SE	LZKAR7A
VR8SEW	LZKAR7A
W06AS	B10HV
W06CS	B11EGV
W07AS	BR10HIX
W07CS	B10EGV
W08AS	BR9HIX
W08CS	B10EGV
W10A	B-4H
W10AC	B-4H
W10C	B4ES
W10CC	B4ES
W10D	BP4ES
W10DC	BP4ES



Bosch	NGK
W10E	B-4
W10F	BP-4
W10FC	BP-4
W12A	B-4H
W12E	B-2
W175T1	B6HS
W175T2	B6ES
W2A	B9HS
W2AC	B9HS
W2AS	BR9HIX
W2CC	B9ES
W2CO	B9ES
W2CS	BR10EIX
W2D	BP9ES
W3A	B8HS
W3AC	B8HS
W3AO	B8HS
W3AP	B8HS
W3AS	BR8HIX
W3C	B9ES
W3CC	B9ES
W3CP	B9ES
W3CS	BR9EIX
W3DP	BPR8EIX
W3DP2	BP8ES
W3DPO	BPR8EIX
W4A	B8HS
W4A1	B8HS
W4A2	B8HS
W4AC	B8HS
W4AP	B8HS
W4AS	BR8HIX
W4C	B8ES
W4C1	B8ES
W4C3	B7HS
W4CC	B8ES
W4CP	BR8EIX
W4CPX	B8ES-11
W4CS	BR8EIX
W4DP	BPR7EIX
W4DPO	BPR8EIX
W4E2	B7S
W5A	B7HS
W5AC	B7HS
W5AP	B7HS
W5AS	BR7HIX



Bosch	NGK
W5B	BP7HS
W5BC	BP7HS
W5BP	BP7HS
W5C	B7ES
W5CC	B7ES
W5CCX	B7ES-11
W5CP	B7ES
W5CS	BR7EIX
W5D	BP7ES
W5DC	BP7ES
W5DCO	BP7ES
W5DCX	BP7ES-11
W5DP	BP7ES
W5DPO	BPR7EIX
W5DPX	BP7ES-11
W5DTC	BP6ET
W5E	B7S
W5EP	B7S
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W6B	BP6HS
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W6DC	BP6ES
W6DCO	BP6ES
W6DCX	BP6ES-11
W6DP	BP6ES
W6DPO	BP6ES
W6DPO	BPR6EIX
W6DPX	BPR6EIX
W6DTC	BP6ET
W6LTCR	BUR6ET
W7A	B6HS
W7AC	B6HS
W7AO	B6HS
W7AP	B6HS
W7B	BP6HS
W7BC	BP6HS
W7BP	BP6HS
W7C	B6ES
W7CC	B6ES
W7CCO	B6ES
W7CCX	B6ES-11
W7CP	B6ES
W7CPX	B6ES-11



Bosch	NGK
W7CX	B6ES-11
W7D	BP6ES
W7DC	BP6ES
W7DCO	BP6ES
W7DCR	BPR6ES
W7DCX	BP6ES-11
W7DO	BP6ES
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W7DPX	BP6ES-11
W7DTC	BP6ET
W7DX	BP6ES-11
W7E	B6S
W7EC	B6S
W7EP	B6S
W7F	BP6S
W7FC	BP6S
W7LTCR	BUR6ET
W8A	B5HS
W8AC	B5HS
W8AO	B-4H
W8AO	B5HS
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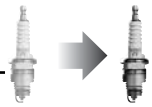
W8DCX	BP5ES-11
W8DCY	BP5ES-13
W8DP	BP5ES
W8DPX	BP5ES-11
W8DTC	BP5ET
W8DX	BP5ES-11
W8E	B6S
W8EC	B6S
W8F	BP5S
W8FC	BP5S
W8LCR	ZGR5A
W8LCR	ZGR5A
W8LDCR	BUR6ET
W8LPR	ZGR5A
W8LTCR	BUR5ET
W9AC	B5HS

SPARK PLUG CONVERSION CHART

Bosch to **NGK**



Bosch	NGK
W9ACO	B5HS
W9C	B4ES
W9CC	B4ES
W9DC	BP5ES
W9DCO	BP5ES
W9DCX	BP5ES-11
W9DPX	BP5ES-11
W9DTC	BP5ET
W9E	B-4
W9EC	B5S
W9ECO	B4LM
W9EO	B4-LM
W9F	BP5S
W9LC	ZGR5A
WA200TR30	BPR6EFS
WAK145T3	BM6F
WEA	BUH
WEC	BUE
WKA145T6	BPM6A
WKA200TR6	BPMR6A
WKA225T6	BPM7A
WP9FP	BPR5S
WR10A	BR4HS
WR10AC	BR4HS
WR10E	BR6S
WR10F	BP4
WR10F	BPR4S
WR10FC	BPR4S
WR10FCY	BPR4S-15
WR10LC	ZGR5B
WR10LCV	BPR4ES-13
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WR3CS	BR9EIX
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WR4AC	BR8HS
WR4CC	BR8ES
WR4CP	BR8EIX
WR5A	BR7HS
WR5AC	BR7HS
WR5CC	BR7ES
WR5CP	BR7ES
WR5D	BPR7ES
WR5DC	BPR7ES

Bosch	NGK
WR5DC+	BPR7ES
WR5DP	BPR7ES
WR5DS	BPR7EIX
WR5D+	BPR7ES
WR6BC	BPR6HS
WR6D	BPR6ES
WR6DC	BPR6ES
WR6DCX	BPR6ES-11
WR6DC+	BPR6ES
WR6DPX	BPR6ES-11
WR6DS	BPR6EIX
WR6DTC	BUR6ET
WR78	BPR5ES
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WR7B	BPR6HS
WR7BC	BPR6HS
WR7BC+	BPR6HS
WR7BP	BPR6HS
WR7B+	BPR6HS
WR7C	BR6ES
WR7CC	BR6ES
WR7CCX	BR6ES-11
WR7CP	BR6ES
WR7CPX	BR6ES-11
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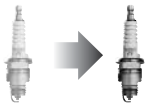
WR7DC	BPR6ES
WR7DC2	BPR6ES
WR7DCX	BPR6ES-11
WR7DCX+	BPR6ES-11
WR7DC+	BPR6ES
WR7DP	BPR6EIX
WR7DS	BPR6EIX
WR7DTC	BUR6ET
WR7D+	BPR6ES
WR7F	BPR6S
WR7LTC+	BUR6ET
WR8AC	BR5HS
WR8BC	BPR5HS
WR8BC+	BPR5HS
WR8C	BR5ES
WR8CC	BR5ES
WR8CP	BR5ES
WR8D	BPR5ES
WR8DC	BPR5ES
WR8DC4	BPR5ES

Bosch	NGK
WR8DCO	BPR5ES
WR8DCX	BPR5ES-11
WR8DCX+	BPR5ES-11
WR8DC+	BPR5ES
WR8DP	BPR5ES
WR8DPX	BPR5ES-11
WR8DPY	BPR5ES-15
WR8DS	BPR5EIX
WR8DS	BPR5EV
WR8D+	BPR5ES
WR8EP	BR6S
WR8F	BPR5S
WR8FC	BPR5S
WR8FP	BPR5S
WR8FPY	BPR5S-15
WR8HP	ZGR5C
WR8LC+	ZGR5A
WR8LTC+	BUR5ET-10
WR9C	BR5ES
WR9CC	BR5ES
WR9DC	BPR5ES
WR9DCX	BPR5ES-11
WR9DCX+	BPR5ES-11
WR9DCY	BPR5ES-15
WR9DC+	BPR5ES
WR9DP	BPR5ES
WR9DPX	BPR5ES-11
WR9DS	BPR5EIX
WR9DY	BPR5ES-15
WR9E	BR6S
WR9EC	BR6S
WR9EO	BR6S
WR9FC	BPR5S
WR9FCY	BPR5S-15
WR9FPY	BPR5S-15
WR9FY	BPR5S-15
WR9HC	ZGR5C
WR9HP	ZGR5C
WR9LC	ZGR5A
WR9LE	ZGR5A
WR9LS	ZGR5A
WRS5F	BPMR7A
WS5E	BM7A
WS5F	BPM7A
WS7E	BM6A
WS8E	BM6A

Bosch	NGK
WS8F	BPM6A
WSR6F	BPMR6A
WSR8F	BPMR6A
WSR9E	BMR4A
X5DC	D7EA
XR2AS	DR8HS
XR2CS	DR8ES
XR4AS	DR8HS
XR4CS	DR9EA
XR4DC	DR8EA
XR5DC	DR7EA
XR7LDC	DPR7EA-9
Y5DDC	PKR7A
Y5KPP332S	PZKER7A8EGS
Y6DC	DCPR6E
Y6NPP332	PLKR7B-8E
Y7LPP332W	IZKR7B
Y7MPP33	PLKR6A
Y7MPP33	PLKR6A
YR5DDE	KR9CI
YR5DDE	KR9CI
YR5LDE	DCPR8EKC
YR6LDE	DCPR8EKC
YR6NPP332	PLKR7B-8E
YR6TII330T	ILZKR7A
YR7DC	DCPR7E-N-10
YR7DC+	ZKR7A-10
YR7DE	DCPR7E-N
YR7DE	DCPR8E-N
YR7LPP332W	IZKR7B
YR7MPP33	PLKR7A
YR8SEU	LZKR6B-10E
ZGR6STE2	ZKBR7A-HTU
ZMR5TPP33	SILZKBR8D8S
ZQR8SI302	PLZKBR7B8DG
ZR5TPP33	PLZKBR7B8DG
ZR5TPP33S	PLZKBR7B8DG
ZR7SI332S	PLZKBR7B8DG
ZR8TPP15	LFR5B
ZR8TPP15	LFR5B



SPARK PLUG CONVERSION CHART

Brisk to **NGK** • Champion to **NGK**





Brisk	NGK
D12YC	BCP7ES
D14Y	BCP7ES
D14YC	BCP7ES
D15YC	BCP6ES
D17Y	BCP5ES
D17YC	BCP5ES
DR12YC	BKR7E
DR14YC	BKR7E
DR14ZC	ZFR7F-11
DR14ZC1	BCPR7ES-11
DR15TC	BKUR5ET-10
DR15YC	BKR6ES
DR15Z	BKR6ES
DR15Z1	BKR6ES-11
DR17YC	BKR5ES
F14YC	AP7FS
F15YC	AP6FS
FR14YC	APR6FS
FR15YC	APR6FS
G12YC	BP7EFS
G14Y	BP7EFS
G14YC	BP7EFS
G15Y	BP6EFS
G15YC	BP6EFS
G17Y	BP5EFS
G17YC	BP5EFS
GR15YC	BPR6EFS
GR17YC	BPR5EFS
J17	B4LM
J19	B2LM
JR17	BR4LM
JR19	BR2LM
K15YC	BP6S
K17C	B6S
L10JW	B8EGV
L12Y	BP8ES
L12YC	BP8ES
L14Y	BP7ES
L14YC	BP7ES
L15Y	BP6ES
L15YC	BP6ES
L17Y	BP5ES
L17YC	BP5ES
L19	B4E
LO8JW	B10EGV



Brisk	NGK
LO8W	B11EGV
LR14TXS	BUR6ET
LR14YC	BPR7ES
LR14ZC	BPR7ES
LR14ZC1	BPR7ES-11
LR15TXS	BP6ET
LR15YC	BPR6ES
LR15Z	BPR6ES
LR15Z1	BPR6ES-11
LR17YC	BPR5ES
N14Y	BP6HS
N14Y	BP7HS
N14YC	BP7HS
N14YC	BP7HS
N15Y	BP6HS
N15YC	BP6HS
N17Y	BP5HS
N17Y	BP5HS
N17YC	BP5HS
N19	B5HS
N19C	B5HS
NR15YC	BPR6HS
P15Y	BPM7A
P17	BM6A
PR15Y	BPMR7A
PR17Y	BPMR6A



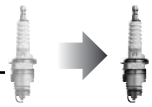
Champion	NGK
2071	FR4
860	A6FS
A10	D7EA
A57R	R2525-10
A59G	D9EV
A5YC	DP9EA-9
A6	D8EA
A61	D9EA
A61G	D9EV
A6Y	DP8EA-9
A6YC	DP8EA-9
A8	D7EA
A8Y	DP7EA-9
A8YC	DP7EA-9
BL11Y	BP5FS
BL13Y	BP5FS
BL4	B7FS
BL5	B7FS
BL6	B6FS
BL7Y	BP7FS
BL8	B6FS
BL9Y	BP6FS
BN12Y	BP5EFS
BN6Y	BP7EFS
BN89Y	BP6EFS
BN9Y	BP6EFS
C10YCC	BCP6ES
C281YC	BCP6ES
C53	R7234-10
C55	R7435-10
C57	R7436-9
C57	R7436-9
C57C	R7436-9
C57CX	R7434-10
C57YC	R7435-9
C59	R7436-9
C59C	R7436-9
C59YC	R7435-9
C61	R7436-8
C6BYC	BCP7ET
C6YCC	BCP7ES
C7Y	BCP7ES
C7YC	BCP7ES
C7YCC	BCP7ES
C9Y	BCP6ES



Champion	NGK
C9YC	BCP6ES
C9YCC	BCP6ES
C9YCX	BCP6ES
CJ11	BM6A
CJ3	BM7A
CJ6	BM7A
CJ6Y	BPM7A
CJ7Y	BPM7A
CJ8	BM6A
CJ8Y	BPM6A
D14	A-6
D16J	A-6
D16J	A5FS
D21	A-6
D6	A-8
D9	A-6
D9J	A-6
DJ6J	BM7F
DJ7Y	BPM6F
DJ8J	BM6F
EON1	BKR6ES
EON2	BKR5ES
EON3	BPR5EFS
EON4	TR5A-10
EON5	BPR6ES
EON6	BPR5ES
F-82	A-8F
F10	A6FS
F10C	A6FS
F11Y	AP5FS
F11YC	AP5FS
F14Y	AP5FS
F62Y	AP8FS
F7YC	AP7FS
F7YCC	AP7FS
F81Y	AP8FS
F83Y	AP8FS
F9Y	AP6FS
F9YC	AP6FS
G1	C9E
G2	C8E
G55	C9E
G58	C9E
G61	C8E
G63	C8E

SPARK PLUG CONVERSION CHART

Champion to **NGK**

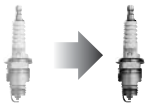


Champion	NGK
H03	B6S
H10	B-6L
H10C	B6L
H10J	B-6L
H11	B-4L
H12	B-4L
H8J	B-6L
J10Y	BP6S
J11	B-4
J11J	B-4
J11J	B-4
J11Y	BP5S
J12J	B-2
J12Y	BP5S
J12YC	BP5S
J12YC	BP5S
J13Y	BP5S
J14Y	BP5S
J14YC	BP5S
J17LM	B4-LM
J18YC	BP-4
J19LM	B2-LM
J2J	B9S
J4C	B7S
J4J	B7S
J6	B6S
J6C	B6S
J6C	B6S
J6J	B6S
J7	B6S
J7J	B6S
J8C	B6S
K-8	A-8
K15J	A-6
K2G	A9V
K3G	A8V
K5G	A8V
K8G	A8V
K9	A-7
KC8ZPYPB4	PZFR5D-11
L10	B6HS
L12Y	BP5HS
L14	B-4H
L15Y	BP4HS
L19V	BUH

Champion	NGK
L288	B5HS
L3G	B8HV
L4G	B7HV
L4J	B7HS
L5	B7HS
L55G	B10HV
L61Y	BP8HS
L64Y	BP7HS
L66Y	BP6HS
L6G	B7HV
L76V	BUHW
L77J	B9HS
L77J4	B9HS-10
L77JC4	B7HS-10
L77V	BUHW
L78	B8HS
L78C	B8HS
L78V	BUHW-2
L7J	B6HS
L81	B7HS
L81Y	BP7HS
L82	B6HS
L82C	B6HS
L82Y	BP7HS
L82YCC	BP7HS
L85	B6HS
L86	B6HS
L86C	B6HS
L86CC	B6HS
L87Y	BP6HS
L87YC	BP6HS
L87YCC	BP6HS
L88A	B5HS
L89CM	BP5HS
L92Y	BP5HS
L92YC	BP5HS
L95Y	BP4HS
L9J	B6HS
N1	B10ES
N10PY	BP6EV
N10Y	BP6ES
N10Y4	BP6ES-11
N11Y	BP5ES
N11YC4	BP5ES-11
N11YCC	BP5ES

Champion	NGK
N12Y	BP5ES
N12YC	BP5ES
N13L	ZGR5C
N13Y	BP5ES
N14Y	BP5ES
N16Y	BP4ES
N16YC	BP4ES
N178B	B8EM
N180B	B7EM
N19V	BUE
N2	B9ES
N21	B4ES
N279YC	BP7ES
N281YC	BP6ES
N288	B5ES
N2C	B9ES
N2G	B9EV
N3C	B8ES
N3G	B8EV
N4	B7ES
N4C	B7ES
N4G	B7EV
N4YC	BP9ES
N5	B6ES
N54R	B10EG
N57	B10ES
N57G	B105EGV
N57R	B10EG
N59G	B95EGV
N5C	B6ES
N5G	B6EV
N6	B6ES
N60	B9ES
N60R	B8EG
N60Y	BP10ES
N62R	B8EG
N63Y	BP9ES
N64Y	BP8ES
N65Y	BP7ES
N66Y	BP6ES
N6Y	BP8ES
N6YC	BP8ES
N6YCC	BP8ES
N7	B7ES
N74C	B6EB-11

Champion	NGK
N79Y	BP6ES
N7BYC	BP6ET
N7BYC	BUR6ET
N7GY	BP7EV
N7Y	BP7ES
N7YC	BP7ES
N7YCC	BP7ES
N7YCX	BP7ES
N8	B6ES
N80	B10EG
N80G	B11EGV
N82	B10EG
N82G	B105EGV
N84	B9EG
N84G	B95EGV
N86	B9EG
N86G	B9EGV
N87	B8EG
N87G	B8EGV
N8GY	BP6EV
N8L	ZGR5C
N8Y	BP6ES
N9BMC	BPR5EKU
N9BYC	BP6ET
N9Y	BP6ES
N9YC	BP6ES
N9YC4	BP6ES-11
N9YCC	BP6ES
N9YCX	BP6ES
OBL9Y	BPR6FS
OJ11Y	BPR6S
OJ12Y	BPR5S
OJ13Y	BPR5S
ON11Y	BPR5ES
ON12Y	BPR5ES
ON3	BR8ES
P10Y	D6HA
P7G	D8HV
P8G	D6HV
P8Y	D6HA
PG2PHP	PMR8A
PG4PHP	PMR7A
PG4PHP	PMR7A
PG4PHP	PMR7A
PRZ9HC	CR7HSA



SPARK PLUG CONVERSION CHART

Champion to **NGK**

Champion	NGK
QC10PEP	PZFR6H
QC12PEP	PZFR6H
QC12PEP	PZFR6H
QC12PEPB	IZFR6K-11
QC12YC	BKR5E
QC59C	BCR8ES
QJ19LM	BR2LM
QL16V	BUZ8H
QL76V	BUHZW
QL77CC	BR8HS
QL77J4	BR9HS-10
QL77JC4	BZ7HS-10
QL78V	BUZHW-2
QL78YC	BPR7HS
QL7J5	BR6HS
QL81Y	BPR7HS
QL82YC	BPR7HS
QL86	BR6HS
QL87YC	BPR6HS
QN2	BR9ES
QN2C	BR9ES
QN2G	BR9EV
QN86	BR8EG
R10	D6EA
R6	D8EA
R6G	D8EV
R8	D7EA
RA2HC	DPR9EA-9
RA4HC	DCPR9E
RA4HCC	DCPR8E
RA59GC	DCR9EIX
RA6Y	DPR8EA-9
RA6YC	DPR8EA-9
RA7YC	DCPR8E
RA8HC	DCPR7E
RAX92DC	JR9C
RAX92YC	DPR9EA-9
RAX94C	DR8EA
RAX94YC	DPR8EA-9
RAX96C	DR7EA
RAX96YC	DPR7EA-9
RBL11Y	BPR5FS
RBL11Y6	BPR5FS-15
RBL12-6	BR5FS-15
RBL13Y	BPR5FS

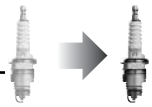
Champion	NGK
RBL13Y6	BPR5FS-15
RBL15Y	BPR4FS
RBL15Y4	BPR4FS-11
RBL16Y	BPR4FS
RBL17Y	BPR4FS
RBL8	BR6FS
RBL8-6	BR6FS-15
RBN12Y	BPR5EFS
RBN13Y	BPR5EFS
RBN14Y	BPR5EFS
RBN9Y	BPR6EFS
RC10DMC	BKR5EK
RC10MCC	ZFR5F-11
RC10PYP4	PFR5G-11
RC10PYP4	PFR5J-11
RC10PYPB4	PFR5G-11
RC10YC	BCPR6ES
RC10YC4	BKR6E-11
RC11PYPB4	PFR6N-11
RC12ECC	ZFR5N
RC12LYC	FR5-11
RC12MC4	PZFR5F-11
RC12MC5	ZFR5F-11
RC12MCC4	ZFR5F-11
RC12MCC4	ZFR5F-11
RC12YC	BCPR5ES
RC12YC	BKR5ES
RC12YC5	FR45
RC12YCC	BKR5E
RC12YCC4	BKR5E-11
RC14PLP5	PLZTR5A-13
RC14YC	BKR5ES
RC6YC	BCPR7ES
RC78PYP	PFR7G-11
RC7BYC4	BCPR6ET
RC7Y	BCPR7ES
RC7YC	BCPR7ES
RC7YC4	BKR7E-11
RC7YCC	BCPR7ES
RC87LYC	BKR6E
RC89YCC	BKR6ES
RC8DMC	BKR6EK
RC8PYCB	PFR6G-11
RC8PYP	PFR6J-11
RC8PYPB4	PFR6G-11

Champion	NGK
RC8VTYC4	BKUR6ET-10
RC8YC	BKR6E
RC8YC4	BKR6E-11
RC8YCL	BKR6EZ
RC9BMC	BKR5EKU
RC9MC4	ZFR5F-11
RC9MCC4	ZFR6F-11
RC9YC	BCPR6ES
RC9YC4	BCPR6ES-11
RC9YCC	BCPR6ES
RC9YCC4	BCPR6ES-11
RCJ6	BMR7A
RCJ6Y	BPMR7A
RCJ7Y	BPMR7A
RCJ7Y	BPMR7A
RCJ8	BMR6A
RD14	AR-6
RD16	AR-6
RD16J	AR-6
RD9	AR-6
RDJ6J	BMR7F
RDJ7J	BMR6F
RE10LC	SR5
RE14MCC5	LZTR4A-11
RE14MCC5	LZTR4A-11
RE14PLP5	LZTR5AIX-13
RE16MC	LZTR4A-11
RE7PYC5	PTR5A-13
REA8MCL	LZKAR7A
REC10PYC4	LFR5AP-11
REC10PYC4	LFR5AP-11
REC10YC4	LFR5A-11
REC9MCLX	LFR5B
REC9YCL	LFR5B
RER8MC	LZKR6B-10E
RER8YC	LKR6D
RES9PYP4	PTR5A-10
RES9YCC4	PTR5A-10
RF10	AR6FS
RF11Y	APR6FS
RF12	AR5FS
RF12-5	AR5FS-11
RF14Y	APR5FS
RF7YC	APR6FS
RF9Y5	APR6FS-11

Champion	NGK
RF9YC	APR6FS
RFN14LY	ZF4A-11
RG4HC	CR9EB
RG6YC	CPR8E
RG6YCH	CPR8E
RG94C	CR8EH-9
RGU92C	CR9EH-9
RJ10Y	BPR6S
RJ11	BR6S
RJ11Y	BPR5S
RJ12Y	BPR5S
RJ12Y6	BPR5S-15
RJ12YC	BPR5S
RJ12YC6	BPR5S-15
RJ14Y	BPR5S
RJ14YC	BPR5S
RJ18Y	BPR4S
RJ18Y6	BPR4S-15
RJ18YC	BPR4S
RJ18YC6	BPR4S-15
RJ19LM	BR2LM
RJ20Y	BPR4S
RJ6	BR6S
RJ6C	BR6S
RJ6J	BR6S
RJ7	BR6S
RJ8	BR6S
RJ8C	BR6S
RJ8J	BR6S
RL12Y	BPR6HS
RL19	BR5HS
RL4J	BR7HS
RL77J	BR9HS
RL78	BR8HS
RL78C	BR8HS
RL7J	BR6HS
RL82	BR6HS
RL82C	BR6HS
RL82Y	BPR7HS
RL82YC	BPR6HS
RL85	BR6HS
RL86	BR6HS
RL86C	BR6HS
RL87Y	BPR6HS
RL87YC	BPR6HS

SPARK PLUG CONVERSION CHART

Champion to **NGK** • Denso to **NGK**

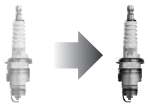


Champion	NGK
RL87YC	BPR6HS
RL95YC	BPR5HS
RL95YC	BPR6HS
RN10GY	BPR6EV
RN10Y	BPR6ES
RN10Y4	BPR6ES-11
RN11Y	BPR5ES
RN11YC	BPR5ES
RN11YC4	BPR5ES-11
RN11YCC	BPR5ES
RN12GY	BPR5EV
RN12Y	BPR5ES
RN12YC	BPR5ES
RN12YC4	BPR5ES-11
RN12YCC	BPR5ES
RN14LY	ZGR5C
RN14PMP5	BPR5EP-11
RN14Y	BPR5ES
RN14Y6	BPR5ES-15
RN16Y	BPR4ES
RN2	BR9ES
RN2C	BR9ES
RN2G	BR9EV
RN4	BR7ES
RN4C	BR7ES
RN5	BR6ES
RN6	BR6ES
RN6Y	BPR8ES
RN6YC	BPR8ES
RN74C	BR6EB-11
RN7GY	BPR7EV
RN7Y	BPR7ES
RN7YC	BPR7ES
RN7YCC	BPR7ES
RN8	BR5ES
RN8L	ZGR5C
RN8VTYC4	BUR6ET
RN9BMC	BPR5EKU
RN9GY	BPR6EV
RN9Y	BPR6ES
RN9YC	BPR6ES
RN9YC4	BPR6ES-11
RN9YCC	BPR6ES
RP7	DR8HS
RS10LC	TR5-1

Champion	NGK
RS12PYP	TR55IX
RS12YC	BPR5EFS
RS12YC6	BPR5EFS
RS13LYC	TR4-2
RS14PYP	TR4IX
RS14YC	BPR5EFS
RS14YC	BPR5EFS
RS5C	BR7EFS
RS7YC	BPR7EFS
RS9YC	BPR6EFS
RS9YCC	BPR6EFS
RV12C6	BR5FS-15
RV12YC	BPR5FS
RV12YC6	BPR5FS-15
RV15YC	BPR4FS
RV15YC4	BPR4FS-11
RV15YC6	BPR4FS-15
RV17YC	BPR4FS
RV8C	BR6FS
RV8C6	BR6FS-15
RV9YC	BPR6FS
RZ96C	CR7HSA
RZN12Y5	BPR5EFS
S12YC	BP5EFS
S279YC	BP6EFS
S281YC	BP6EFS
S379YC	BP7EFS
S7YC	BP7EFS
S9YC	BP6EFS
UD16	A-6
UJ12	B-2
UJ2J	B8S
UJ4J	B7S
UJ6	B6S
UJ8	B6S
UJ81C	B7S
UK10	A-6
UL4J	B7HS
UL77V	BUHXW-1
UL81C	B7HS
UL81J	B7HS
UN79Y	BP6ES
V12YC	BP5FS
V4C	B7FS
V9YC	BP6FS

Champion	NGK
W14	G-2Z
XC12PEPB	PZFR6H
XC92PYC	BKR5EP-11
XC92YC	BKR5E
Y82	CM-6
Z10	C6HSA
Z10G	C7HV
Z12	C6HSA
Z6	C8HSA
Z9Y	C7HSA

Denso	NGK
3004	BPR5EP-11
3005	BCPR5EIX-11
3006	BCPR5EY-11
3009	BCPR6EY-11
3011	BP4EY
3013	BPR4EY
3018	BP5ES
3018	BP5ES
3027	BP5EY
3032	BPR5EY-11
3034	B5HS
3043	BP6ES
3046	BUR6EA-11
3049	BPR6ES-11
3057	BR6ES
3062	BP6EY
3066	BPR6EY
3067	BPR6EY-11
3068	BP6HS
3070	BPR6HS
3085	BP7ES
3088	BPR7ES
3089	BPR7ES-11
3103	BR8ET
3107	BR9ET
3110	BR5ES
3111	SD11A
3112	ZFR6A-11
3113	BCPR6EP-N-8
3114	PGR5A-11
3115	PGR6A-11
3117	BCPR6EP-11
3119	BKR5EYA
3120	BKR5EYA-11
3121	BKR6E-11
3122	BKR6EYA
3123	BCPR5EP-8
3125	BCP6ES
3127	BKR6EP-8
3128	BKR6EP-11
3129	BCPR5EY
3130	BKR5E-11
3131	ZFR5J-11
3132	ZFR5F-11
3133	ZFR6J-11



SPARK PLUG CONVERSION CHART

Denso to **NGK**

Denso	NGK
3134	BKR5EP-11
3135	ZFR5E-11
3139	BKR6EY-11
3140	BCPR6EY
3141	PFR6J-11
3142	PFR6G-11
3144	BKR6E-N-11
3156	BCPR5EIX-11
3157	BCPR6EVX-11
3158	BCP7EVX
3161	BKR5EVX-11
3163	BKR6EVX-11
3165	BKR7E
3167	ZFR4F-11
3168	PFR6B-11
3169	ZFR6F-11
3172	PFR6G-13
3174	PFR5J-11
3175	PZFR5F
3179	DCPR7E
3184	BCPR5EY-11
3186	BCPR5EY-11
3187	BCPR6EY-11
3192	BKR7E-11
3194	BKR5EKB-11
3195	BKR6EKB-11
3196	BKUR6EK
3197	BKUR7EK
3199	BP5EY-11
3201	BPR5ES-11
3210	BPR5EY
3213	BPR5ES-13
3226	BKR6EP-13
3231	BPR5EIX
3235	BCRE527Y
3239	BPR5EP-13
3242	DCPR7EVX
3244	BCPR6EIX-11
3245	PFR6J
3246	PZFR5F-11
3247	PZFR6F-11
3253	BKR6EKPB-11
3255	BCP7ES
3256	ZGR5A
3262	BKR6EVX-11

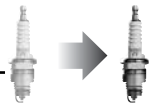
Denso	NGK
3264	PFR5B-11
3273	PFR7B
3275	PFR5G-11
3277	BPR6EKN
3281	BPR7EIX
3285	BPR5EIX-11
3289	BKR5EKPB-11
3290	BKR7EVX
3291	BPR6EVX
3293	BKR5EVX
3297	IFR6T-11
3299	BKR7E-N-11
3302	PGR7A
3303	IFR5T-8N
3304	BKR6EKC
3305	BKUR6EK-9
3306	PGR6A
3307	IFR6C
3310	BR10ET
3312	DCPR8E
3313	DCPR9E
3314	DCPR9EVX
3323	BPR6EVX-11
3333	BKR6E
3344	BPR6ES
3345	BPR5ES
3346	BCPR5E
3347	BCPR7ES
3348	ZFR7F-11
3349	BKR5E
3353	BKR5EIX-11P
3354	IGR7A
3372	IFRTG-11KS
3373	BKR6EP-8
3374	ZFR6K-11
3377	IZFR6K-11
3378	ZFR6FIX-11
3379	BCPR7ES-11
3380	BKR6EKPA
3381	LFR6C-11
3396	IZFR5F-11
3400	IFR5E-11
3403	IFR6B-K
3412	IFR5E-11
3413	ZFR5F

Denso	NGK
3418	IFR6E-11
3424	BKR6E
3427	LZKAR7A
3432	IZFR6K-11S
3434	IKR7C
3439	DILKAR6A-11
3441	ILKR7B-8
3444	ILKAR7B-11
3449	IFR6J-11
4019	BP5HS
4021	BP7HS
4028	BP8ES
4032	B8EGV
4048	B9EGV
4057	B95EGV
5008	APR5FS
5012	AP6FS
5013	APR6FS
5013	BP6EFS
5022	BPR5EFS
5027	BPR5FS-15
5032	BPR6EFS
5035	BPR6FS
5040	BP7EFS
5060	BKUR6ET
5061	BKUR6ET-10
5062	BKUR7ET
5063	BKR6EKUB
5064	BP5RT-10
5065	BP6ET
5066	BP7ET
5067	BUR6ET
5068	PTR5A-10
5069	BCP7ET
5070	PTR5D-10
5077	PZTR5A-15
5301	BCPR5EIX-11
5302	BCPR6EIX-11
5303	BKR5EIX-11
5304	BKR6EIX-11
5305	BPR5EIX-11
5306	BPR6EIX-11
5307	BPR7EIX
5308	DCPR7EIX
5325	TR5IX

Denso	NGK
5327	TR7IX
5328	TR8IX
5330	UR5IX
5331	UR6IX
5343	LFR5AIX-11
5344	LFR6AIX-11
5378	BPR6HIX
5601	BCPR5EIX-11P
5602	BCPR6EIX-11P
5603	BKR6EIX-11P
5604	IZFR6H-11
5617	ILZFR5B
5618	ILZFR6D-11
5623	HB6AIX-11P
5625	HB6BIX-11P
DXU22HCR-D11S	DILZKR7B-11GS
FK20HBR-11	DFH6B-11A
FK20HR11	ILFR6D-11
FK28BR11	DFH6B-11A
FXE20HE11	DF7H-11B
FXE20HR11	DILKAR6A-11
FXE22HR11	DF7H-11B
FXE24HR11	DF8H-11B
IAE0132	R7282-105
IAE0134	R7282-11
IAO132	R7282A-105
IAO134	R7282A-11
IK16	BKR5EIX-11
IK20	BKR6EIX-11
IK22	BKR6EIX
IK24	BKR8EIX
IK24C11	FR8BI-11
IK27	BKR9EIX
IK27C	FR9BI-11
IKH16	LFR5AIX-11
IKH20	LFR6AIX-11
IKH22	ILFR7H
IKH0124	R7438-8
IKO124	R7434-8
IKO127	R7434-9
IKO131	R7434-10
IKO224	R7434-8
IKO227	R7434-9
IKO231	R7434-10
IQ16	BCPR5EIX-11

SPARK PLUG CONVERSION CHART

Denso to **NGK**

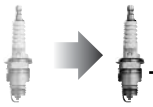


Denso	NGK
IQ20	BCPR6EIX-11
IQ22	IRITOP7
IQ24	IRITOP8
IQ27	IRITOP9
IT16	TR5IX
IT20	TR6IX
IT22	TR7IX
IT24	TR8IX
ITF16	UR5IX
ITF20	UR6IX
IU22	CR7EIX
IU24	CR8EIX
IU27	CR9EIX
IU27D	CR9EIA-9
IUF22	CR7HIX
IUF24	CR8HIX
IUH24	CR8EHIX-9
IUH27	CR9EHIX-9
IW16	BPR5EIX-11
IW20	BPR6EIX-11
IW22	BPR7EIX
IW24	BR8EIX
IW27	BR9EIX
IW31	BR10EIX
IWF22	BR7HIX
IWF24	BR8HIX
IX22B	DPR7EIX-9
IX24	DR8EIX
IX24B	DPR8EIX-9
IX27	DR9EIX
IX27B	DPR9EIX-9
IXU22	DCPR7EIX
IXU22C	DCPR7EIX
IXU24	IRIMAC8
IXU27	IRIMAC9
J16A-U11	BE527Y-11
J16AR-U11	BRE527Y-11
J16AY	BP5EJ
J16AYR	BPR5EJ
J16B-U11	BE529Y-11
J16BR-U	BRE529Y
J16C-U	BPR5EY
J20AY	BPR6EY-11
K14PR-U11	BKR4E-11
K14PU11	BKR5E-11

Denso	NGK
K16-U	BKR5EYA
K16-U11	BKR5EYA-11
K16GPR-U11	ZFR5E-11
K16GPRU11	ZFR5E-11
K16HPR-U11	LFR6A-11
K16HRU11	LFR5C-11
K16P-U	BK5E
K16PR-L11	BKR5EN-11
K16PR-P11	BKR5EVX-11
K16PR-TP11	BKR5EVX-11
K16PR-U	BKR5E
K16PR-U11	BKR5E-11
K16PR-ZU11	BKR5EVX-11
K16PRL11	BKR5E-N-11
K16R-U	BKR5EYA
K16R-U11	BKR5EYA-11
K16TNRS9	BKR5EKU
K16TR11	BKR5EKB-11
K20-U	BKR6EYA
K20-U11	BKR6EYA-11
K20DTR-S11	ZFR6G
K20HR-U11	LFR6C-11
K20P-U	BK6E
K20PBR	BKUR6ET
K20PBR-S10	BKUR6ET-10
K20PR-L11	BKR6EN-11
K20PR-L11	BKR6EN-11
K20PR-TP11	BKR6EVX-11
K20PR-U	BKR6E
K20PR-U11	BKR6E-11
K20PR-ZU11	BKR6EVX-11
K20R-U	BKR6EYA
K20R-U11	BKR6EYA-11
K20R-Z	BKR6EVX
K20R-ZU11	BKR6EVX-11
K20TMR11	BKR6EKC-N-11
K20TNR	BKR6EKC
K20TNR-S	BKUR6EK
K20TNR-S9	BKUR6EK-9
K20TR11	BKR6EKB-11
K20TXR	BKR6EKUB
K22P-U11	BK7E-11
K22P11	BK7EK-N-11
K22PB	BKUR7ET
K22PBR-S	BKUR7ET

Denso	NGK
K22PR-L11	BKR7E-N-11
K22PR-TP11	BKR7EVX-11
K22PR-U	BKR7E
K22PR-U11	BKR7E-11
K22PR-ZU	BKR7EVX
K22TM11	BK7EK-N-11
K22TMR	BKR7EKC-N
K22TMR11	BKR7EKC-N-11
K22TNR	BKR7EKC
K22TNR-S	BKUR7EK
K24PR-U11	BKR8E-11
KJ14CR-L11	ZFR4F-11
KJ14CR11	ZFR4F-11
KJ16CR	ZFR5F
KJ16CR-L11	ZFR5F-11;ZFR5J-11
KJ16CR-ULL	ZFR5F-11
KJ16CR11	ZFR5J-11
KJ20CR-L11	ZFR6F-11;ZFR6J-11
KJ20CR-U11	ZFR6F-11
KJ20CR11	ZFR6J-11
KJ20DR-M11	ZFR6K-11
KJ22CR-L11	ZFR7F-11
KJ22CR-L8	ZFR7F
KJ22CR11	ZFR7F-11
L14-U	AB6
LP20-U	BP6EY
LP20R-U	BPR6EY
M17	A-6
M22	A-7
M24S	A-8
MA14P-U	AP4FS
MA16P-U	AP5FS
MA16PR-U	APR5FS
MA17P-U	AP6FS
MA20P-U	AP6FS
MA20PR-U	APR6FS
MA20R-U	AR6FS
MW17	AB-6
MW22	AB-7
MW9	AB-2
P16PR11	PGR5A-11
P16PR8	PGR5A
P16R	BPR5EP-11
P16R13	BPR5EP-13
P20PR11	PGR6A-11

Denso	NGK
P20R11	BPR6EP-11
P20R8	BPR6EP-8
P22PR8	PGR7A
PK16PR-L11	PFR5G-11
PK16PR-P11	PFR5J-11
PK16PR11	PFR5B-11
PK16R11	BKR5EP-11
PK16R8	BKR6EP-8
PK16TR11	BKR5EKPB-11
PK16TR13	BKR5EKPB-13
PK20GR8	BKR6EPA-8
PK20PR-L11	PFR6G-11
PK20PR-L11	PFR6G-11
PK20PR-L13	PFR6G-13
PK20PR-P	PFR6J
PK20PR-P11	PFR6J-11
PK20PR-P8	PFR6J
PK20PR-TP	PFR6M
PK20PR11	PFR6B-11
PK20R-P8	BKR6EP-N-8
PK20R11	BKR6EP-11
PK20R13	BKR6EP-13
PK20R8	BKR6EP-8
PK20TR11	BKR6EKPB-11
PK22PR-L11	PFR7G-11
PK22PR-TP	PFR7M
PK22PR11	PFR7B-11
PK22PR8	PFR7B
PKJ16CR-L11	PZFR5F-11
PKJ16CR-L13	PZFR5F-13
PKJ16CR8	PZFR5F
PKJ20CR-L11	PZFR6F-11
PKJ20CR8	PZFR6F
PQ16R	BCPR5EP-11
PQ16R13	BCPR5EP-13
PQ16R8	BCPR5EP-8
PQ20R	BCPR6EP-11
PQ20R-P11	BCPR6EP-N-11
PQ20R-P8	BCPR6EP-N-8
PQ20R13	BCPR6EP-13
PQ20R8	BCPR6EP-8
PT16EPR-C13	PTR5C-13
PT16EPR-L13	PTR5C-13
PT16VR13	PTR5A-13
PT16VR13	PTR5A-13



SPARK PLUG CONVERSION CHART

Denso to **NGK**



Denso	NGK
PTJ16R15	PZTR5A-13
Q14R-U11	BCPR4EY-11
Q16-U	BCP5E
Q16-U11	BCP5EY
Q16-ZU11	BCP5EVX-11
Q16P-U11	BCP5E-11
Q16PR-TP11	BCPR5EVX-11
Q16PR-U	BCPR5E
Q16PR-U11	BCPR5E-11
Q16PR-ZU11	BCPR5EVX-11
Q16R-U	BCPR5EY
Q16R-U11	BCPR5EY-11
Q16R-ZU11	BCPR5EVX-11
Q20-U11	BCP6E-11
Q20-ZU11	BCP6E-11
Q20P-U	BCP6E
Q20P-U11	BCP6E-11
Q20PR-P11	BCPR6EVX-11
Q20PR-U	BCPR6E
Q20PR-U11	BCPR6EY-11
Q20PR-ZU11	BCPR6EVX-11
Q20R-U	BCPR6EY
Q20R-U11	BCPR6EY
Q20R-ZU11	BCPR6EVX-11
Q20U	BCP6E
Q22P-U	BCP7E
Q22P-U11	BCP7E-11
Q22PR-P11	BCPR7EVX-11
Q22PR-U	BCPR7E
Q22PR-U11	BCPR7E-11
Q22PR-ZU	BCP7EVX
Q22PR-ZU11	BCPR7EVX-11
QJ16AR-U	BCRE527Y
QJ16AR-U11	BCRE527Y-11
QJ16C11	ZFR5A-11
QJ16CR11	ZFR5A-11
QJ20C11	ZF6A-11
QJ20CR11	ZFR6A-11
QJ22CR11	ZFR7A-11
QL20PR-U	BCPR6ED
QL20TR-S	BCPR6EKD
QL22TR-S	BCPR7EKD
S-27	SD9A
S-29	SD10A
S-29A	SD10A

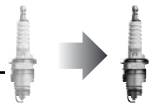
Denso	NGK
S-31A	SD11A
S22PR-A7	IGR7A
SC20HR11	ILKAR7B-11
SF-10	BUHX
SF-24	BU8H
SF-50	BUHW
SF-51	BUHW-2
SK16HR-11	ILFR6C-11
SK16PR-A11	IFR5E11
SK16PR-E11	BKR5EIX-11P
SK16PR-L11	IFR5G-11K
SK16R-11	IFR5T-11
SK16R11	IFR5A11
SK20BR-11	HB6BIX-11P
SK20HR11	LFR6C-11
SK20PR-A11	IFR6E11
SK20PR-A8	IFR6E
SK20PR-L9	IFR6C
SK20R11	IFR6A11
SK22PR-M11	IFR7G-11KS
SKJ16CR-L11	IZFR5F11
SKJ16DR-M11	IZFR5K11
SKJ20DR-M11	IZFR6K11
SKJ20DR-M13	IZFR6K13
SVK20RZ11	BKR6EIX-11
SVK20RZ8	BKR6EIX-P
SXU22HPR9	ILKR7D-9
T14PR-U	BPR4FS
T14PR-U15	BPR4FS-15
T16-U15	BR5FS-15
T16EPR-U	BPR5EFS
T16EPR-U15	TR55IX
T16EX-U	BP5EFS
T16P-U	BP5FS
T16PR-U	BPR5FS
T16PR-U11	BPR5FS-11
T16PR-U15	BPR5FS-15
T16R-U	BR5FS
T16R-U15	BR5FS-15
T20EP-U	BP6EFS
T20EP-U15	BPR6EFS-15
T20EPR-U	BPR6EFS
T20EPR-U15	BPR6EFS-15
T20EX-U	BP6EFS
T20P-U	BP6FS

Denso	NGK
T20PR-U	BPR6FS
T20R-U	BR6FS
T20R-U15	BR6FS-15
T22EP-U	BP7EFS
U14FS-UB	C4HSB
U14FSR-UB	CR4HSB
U16FS-L	C5HSA
U16FS-U	C5HSA
U16FS-UB	C5HSB
U16FSR-L	CR5HSA
U16FSR-U	CR5HSA
U16FSR-UB	CR5HSB
U17F	C5HSA
U20ESR-N	CR6E
U20FS	C6HSA
U20FS-L	C6HSA
U20FS-U	C6HSA
U20FSR-L	CR6HSA
U20FSR-U	CR6HSA
U20M-U	CM-6
U22ES-N	C7E
U22ESR-N	CR7E
U22ETR	CR7EK
U22FER9	CR7EH-9
U22FS	C7HSA
U22FS-GU	C7HV
U22FS-L	C7HSA
U22FS-U	C7HSA
U22FS-ZU	C7HVX
U22FSR-L	CR7HSA
U22FSR-U	CR7HSA
U22FSR-U	CR7HSA
U24ES-N	C8E
U24ESR-N	CR8E
U24ESR-NB	CR8EB
U24ESR-NZU	CR8EVX
U24ETR	CR8EK
U24FE9	C8EH-9
U24FER-ZU9	CR8EHVX-9
U24FER9	CR8EH-9
U24FS	C8HSA
U24FS-C	LR8A
U24FS-L	C8HSA
U24FS-U	C8HSA
U24FS-ZU	C8HVX

Denso	NGK
U24FSR-C	LR8A
U24FSR-U	CR8HSA
U24FSR-ZU	CR8HVX
U27ES-N	C9E
U27ES-NZU	C9EVX
U27ESR-N	CR9E
U27ESR-NB	CR9EB
U27ESR-NZU	CR9EVX
U27ETR	CR9EK
U27FE-ZU9	C9EHVX-9
U27FE9	C9EH-9
U27FER-ZU9	CR9EHVX-9
U27FER9	CR9EH-9
U31ESR-N	CR10E
U31ETR	CR10EK
U31FER9	CR10EH-9
VFKBH20	DFH6B-11A
VFKH20	DILFR6D-11
VK16	BKR5EIX-11P
VK16PRZ11	IFR5L11
VK20	BKR6EIX-11P
VK20PRZ11	IFR6L11
VK20T	BKR6EIX-LPG
VK20Y	BKR6EIX-P
VK22	BKR7EIX-P
VK22PRZ11	IFR7L11
VKA20	HB6AIX-11P
VKB20	HB6BIX-11P
VKH16	LFR5AIX-11P
VKH20	LFR6AIX-11P
VKH22	LFR7AIX-P
VQ16	BCPR5EIX-11P
VQ20	BCPR6EIX-11P
VT20	ITR6F-13
VUH24Z	IMR8A-9H
VUH27D	IMR9C-9H
VUH27Z	IMR9A-9H
VW16	BPR5EIX
VW20T	BPR6EIX-LPG
VX22BZ	IJR7A9
VXU22	DCPR7EIX-P
W14	B-4
W14-U	B-4
W14-U10	B-4-10
W14-US	B-4

SPARK PLUG CONVERSION CHART

Denso to **NGK** • Eyquem to **NGK**

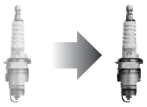


Denso	NGK
W14E	B4ES
W14EKR-S11	BUR4EB-11
W14EP	BP4ES
W14EPR	BPR4ES
W14EPR11	BPR4ES-11
W14EX-U	BP4EY
W14EX-U11	BP4EY-11
W14EX-U13	BPR4ES-13
W14EX-ZU	BPR4EVX
W14EXR-U	BPR4EY
W16R-U11	BPR6EY-11
W20EXR-U	BPR6EY
W22EP-U	BP7ES
W24EMR-C	BR8ECM
W9	B-2
W9-U	B-2
W9EP	BP-2E
W9EPR	BPR-2E
W9EX-U	BPR2ES
W9EXR-U	BPR2ES
W9FP	BP-2H
W9FP-L	BP2HS
W9FP-UL	BP2HS
W9LM-US	B2-LM
W9LMR-US	BR2-LM
W9P	BP-4
W9P-U	BP-4
W9PR-U	BP-4
X24EPR-U9	DPR8EA-9
XU22EPR-U	DCPR7E
XU22HDR-9	LKR7B-9
XU22PR9	DCPR7EA-9
Y27FER-C	ER9EH

Eyquem	NGK
1000	B8HS
1000 MOTO	B8HS
1000CM	B7S
1000L	B8ES
1000L MOTO	B8HS
1000M	B8HS
100M	B8HS
1100	B9HS
1100L	B8ES
1100L MOTO	B8ES
1150L	B9ES
200	B4H
202CT	B2LM
300AM	B4L
30AM	B4L
400J	BR5FS
406	BP6HS
450JS	BPR4FS-15
450L	B5ES
480CS	BP5S
500AM	B6L
500C	B6S
500CJT	BM6F
500CM	B6S
500CS	BP5S
500CT	BM6A
500J	BR6FS
500JS	BPR4FS
500M	B5HS
502 MOTO	B4H
502CT	B4LM
505JS	BP5FS
50AM	B6L
50M	B5HS
520CS	BP5S
550CS	BP5S
550JS	BPR5FS
550LS	BP5ES
550S	BP4HS
550S	BP4HS
580LS	BP5ES
580LS	BP5ES
580S	BP4HS
600CS	BP5S
600JS	BPR6FS

Eyquem	NGK
600L	B6ES
600LS	BP6ES
600S	BP5HS
700	B6HS
700 MOTO	B6HS
700CTS	BPM6A
705JS	BP7FS
705L	B6ES
705L MOTO	B6ES
705S	BP6HS
705S MOBY MOTO	B5HS
707LS	BP6ES
70M	B6HS
750	BP6HS
750L	B6ES
750LJS	BP6EFS
750LS	BP6ES
753LJS	BP6EFS
755	B6HS
755 MOTO	B6HS
755CJT	BM7F
755CM	B6S
755CT	BM7A
755L	B6ES
755L MOTO	B6ES
755LJS	BP6EFS
755LS	BP6ES
755LS MOTO	BP6ES
755M	B6HS
755S	BP6HS
75LM	B6ES
75M	B6HS
775SX	BP6HS
775X	B6HS
800L	B6ES
800LJS	BP6EFS
800LS	BP6ES
800LS MOTO	BP6ES
802L	B6ES
803LJS	BP6EFS
805L	B6ES
805L MOTO	B6ES
805LJS	BP7EFS
805LJSP	BP7EFVX
805LP	B8EVX

Eyquem	NGK
850	B7HS
850 MOT	B7HS
850LS	BP7ES
883LJP	B8EFS
C32	B5HS
C32LS	BP5ES
C32LS	BP5ES
C32S	BP5HS
C42LJS3	BP6EFS
C42S	BP6HS
C52LS	BP5ES
C62	B7HS
C62LJS	BP6EF
C62LJS	BP6EFS
C62LS	BP6E
C62LS	BP6ES
C62LS3X	BP5ET
C62S	BP7HS
C72LJS	BP7EFS
C72LS	BP7ES
C72LS3X	BP6ET
C82LJS	BP7EFS
C82LS3X	BP7ET
C92LS	BP8ES
D1000	D8HA
D1000 MOTO	D8HA
D1000L	D9EA
D1050L	D9EA
D755 MOTO	D6HA
D775	D6HA
D800L	D7EA
D800L MOTO	D7EA
D900L	D8EA
FC42LS	BCP5ES
FC52LS	BCP5E
FC52LS	BCP5ES
FC58LS	BCP6ES
FC62LS	BCP6ES
FC62LS2	BCP6ES
FC62LS3	BP6ET
FC62LS3X	BCP6ET
FC72LS	BCP7ES
FC82LS	BCP7E
FC82LS1	BCP7ES
FC82LS2	BCP7ES



SPARK PLUG CONVERSION CHART

Eyquem to **NGK** • Lodge to **NGK** • Motorcraft to **NGK**





Eyquem	NGK
FN52LS	BK5ESZ
K200M	A6
K300J	A5FS
K300JS	AP5FS
K300M	A6
K350JS	AP5FS
K450JS	AP5FS
K500M	A6
K55JS	AP6FS
K600M	A6
K750M	A7
KC62JS	AP6FS
R1ÊO00	BR8HS
R1000L	BR8ES
R850	BR7HS
RC32LS5	BPR4ES-11
RC42S	BPR6HS
RC52LS	BPR5EA
RC52LS5	BPR5EA-11
RC52LZ3EX	BUR5ET
RC52LZE	ZGR5A
RC58LZ3EX	BUR6ET
RC62HJSDP	PTR5A-13
RC62LJS	BPR6EFS
RC62LS	BPR6ES
RC62LS5	BPR6ES-11
RC62S	BPR7HS
RC82LS	BPR7ES
RC82LS5	BPR7EY-11
RFC42LS	BCPR5ES
RFC42LS2E	BKR5EK
RFC50LZ2E	BKR5EK
RFC52LS	BCPR5ES
RFC52LS3	BCPR5ET
RFC52LS5	BCPR5ES-11
RFC52LS5	BKR5E-11
RFC52LSP	BKR6EK
RFC52LZE	ZFR5F
RFC52LZK	BKR5EZ
RFC57LS3	BCPR6ET
RFC58LS	BKR6E
RFC58LS2E	BKR6EK
RFC58LS3	BCPR6ET
RFC58LS5	BCPR6ES-11
RFC58LS5	BKR6ES-11



Eyquem	NGK
RFC58LSP	BKR6EZ
RFC58LZ	BKR6EY
RFC58LZ2	BKR6EKC
RFC58LZ2E	BKR5EZ
RFC58LZ3EX	BKUR6ET
RFC58LZ5	BKR6EY-11
RFC58LZE5	ZFR6F-11
RFC62LS3X	BCPR6ET
RFC62LS5	BCPR6ES-11
RFC62LZ3X	BKUR7ET
RFC82LS	BCPR7ES
RFC82LS5	BCPR7ES-11
RFN52HZ	LFR5B
RFN58HZ	LFR6B
RFN58LZ	BKR6EZ
T850	C7HSA
XKC62JS	APR6FS



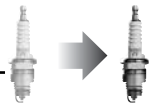
Hella	NGK
8EH-188704-001	BPR5ES
8EH-188704-011	BKR6E-11
8EH-188704-021	BPR6ES
8EH-188704-041	BPR5ES-11
8EH-188704-051	BKR5E
8EH-188704-051	BKR5E
8EH-188704-071	BKR6E
8EH-188704-091	BKR6EK
8EH-188704-111	ZFR6F-11
8EH-188704-121	LFR5A-11
8EH-188704-131	LZKAR7A
8EH-188704-141	LFR5B
8EH-188704-161	BP5ES
8EH-188704-171	BP6ES
8EH-188704-181	BKR5E-11
8EH-188704-191	BKR6ES-11
8EH-188704-211	DCPR7E
8EH-188704-231	ZFR5F-11
8EH-188704-251	BPR6EFS
8EH-188704-291	BKR5ES
8EH-188704-321	D8EA
8EH-188704-331	AP6FS
8EH-188704-341	LFR6C-11
8EH-188704-351	BPR7ES
8EH-188704-361	TR6B-10
8EH-188704-371	BKUR6ET-10
8EH-188704-381	BKR5ES-11
8EH-188704-391	BCRE527Y
8EH-188704-401	BKUR6ET
8EH-188704-411	TR5B-13
8EH-188704-421	BKUR5ETC-10
8EH-188705-011	PFR6J-11
8EH-188705-021	PFR6G-11
8EH-188705-031	PFR6Q
8EH-188705-211	PFR8S8EG
8EH-188705-241	PZFR5D-11
8EH-188706-041	IFR5G-11
8EH-188706-051	ILFR6A
8EH-188706-081	ILZFR6D-11
8EH-188706-221	IZFR6K-11
8EH-188706-261	BKR6EQUP
8EH-197025-391	BP6HS
8EH-197025-441	BM6A
CF10P-6	D8EA
CFM9RP-9	DCPR7E



Hella	NGK
CG8P-7	BP6HS
CH7P-8	BP5ES
CH8P-8	BP6ES
CM7RP-11	BKR5E-11
CM7RP-8	BKR5ES
CM8RP-11	BKR6ES-11
CN8P1-7	BM6A
CV8P-9	AP6FS
IM7RC-10P	IFR5G-11
IM8RC-11P	IFR6J-11
IM8RC-8P	BKR6EQUP
IM8RC5-11P	IZFR6K-11
IMJ8RC4-10P	ILZFR6D-11
IMJ8RC4-8P	ILZFR6D-11
PFM10RC-8	PFR8S8EG
PM7RC-10	PFR5R-11
PM7RC7-11	PZFR5D-11
PM8RC-11	PFR6G-11
PM8RC-7	PFR6Q
PM9RC-10	PFR6J-11
PMJ8RC4-8	PLFR6A-11
PMU8RC4-8	ILFR6A
PMU8RC4-8	PLFR6A-11
YFM9RCP-9U	DCPR7EA-9
YH7RCP-11U	BPR5ES-11
YH7RCP-11U	BPR5ES-11
YH7RCP-8U	BPR5ES
YH7RCP-9U	BPR5ES
YH8RCP-11U	BKR5E
YH8RCP-11U	BPR6ES-11
YH8RCP-8U	BPR6ES
YH8RCP-8U	BPR6ES
YHRCP-8U	BPR7ES
YM7RCP-11U	BKR5ES-11
YM7RCP-8U	BKR5E
YM7RCP-8U	BKR5ES
YM7RCP5-11U	ZFR5F-11
YM7RCP5-8U	BCRE527Y
YM7RCS5-10T	BKUR5ETC-10
YM7RCS5-9D	BKR5ES-11
YM8RCP-11U	BCPR6ES-11
YM8RCP-9U	BCPR6ES
YM8RCP-9U	BKR6E
YM8RCP5-11U	ZFR6F-11
YM8RCP5-11U	ZFR6F-11

SPARK PLUG CONVERSION CHART

Motorcraft to **NGK** • Torch to **NGK**

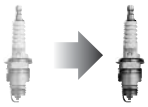


Hella	NGK
YM8RCS5-10T	BKUR6ET-10
YM8RCS5-9D	BKUR6EK
YM8RCS5-9T	BKUR6ET
YM8RCS5-9U	BKR6EK
YMJ7RCP-9U	LFR5B
YMJ7RCP5-11U	LFR5A-11
YMJ8RCP-11U	LFR6C-11
YMU7RCP-9U	LFR5B
YMU7RCP5-11U	LFR5A-11
YNF9RCP-9U	LZKAR7A
YNF9RCP-9U	LZKAR7A
YS8RCP-11U	BPR6EF-11
YS8RCP-8U	BPR6EFS
YSJ7RCP-13U	TR5B-13
YSJ8RCP-10U	TR6B-10

Lodge	NGK
15HLNY	BP6ES
25HL	BPR7ES
25HLD	BCP6ET
25HLNY	BP7ES
25XL	BP6ES
2BTNY	AP5FS
2HL	B7ES
2HLD	BCP6ES
2HLNY	BP7ES
2HNY	BP7HS
2HTNY	AP7FS
2HTY	BP6FS
2XL	BP6ES
3BTY	BP4FS
3HAN/M	B9S
3HLNY	BP7ES
3HNY	BP8ES
4HLNY	BP8ES
5HLNY	BP8ES
BLNY	BP5ES
BLTY	BPR5EFS
BTNY	AP5FS
BTY	BP5FS
C14	B5HS
CLNY	BP5ES
CN	B5HS
CNY	BP5HS
CTNY	AP5FS
CTY	BP5FS
HBN	B5HS
HBTNY	AP6FS
HBTY	BP5FS
HLNY	BP6ES
HNY	BP6HS
HT14	BP5FS
HT18	AP6FS
HTN	A6FS
HTN18	A7FS
HTNY	AP6FS
HTY	BP6FS

Motorcraft	NGK
A11	B2
A11NX	BM4A
A11U	B2
A11X	B2
A1CU	B8S
A21X	B8S
A22	BP6S
A22CU	BP6S
A22NX	BPM7A
A2NX	BM7A
A32	BP6S
A3CU	B6S
A3X	B6S
A42	BP5S
A42CU	BP5S
A5	B6S
A52	BP5S
A52CU	BP5S
A5CU	B6S
A5X	B6S
A7	B4
A7LM	B4LM
A7N	BM6A
A7NU	BM6A
A7NX	BM6A
A7U	B4
A7X	B4
A82	BP4
A9	B4
A901	B8S
A9X	B4
ABSP32C	BKR6E-11
AE1C	B7HS
AE1X	B7HS
AE2	B7HS
AE22	BP6HS
AE22C	BP6HS
AE2C	B7HS
AE2X	B7HS
AE3	B6HS
AE32	BP6HS
AE32C	BP6HS
AE3C	B6HS
AE3X	B6HS
AE4	B5HS

Motorcraft	NGK
AE42	BP5HS
AE4X	B5HS
AE6	B5HS
AE62	BP5HS
AE7	B4H
AE901	B9HS
AE901X	B9HS-10
AER32	BPR6HS
AER4	BR5HS
AER4X	BR5HS
AF12	BP7FS
AF2	B7FS
AF22	BP6FS
AF3	B6FS
AF3	B6S
AF32	BP6FS
AF3NX	BM7F
AF42	BP5FS
AF52	BP4FS
AF5NX	BM6F
AG1	B8ES
AG12	BP7ES
AG12C	BP7ES
AG12CU	BP7ES
AG1C	B8ES
AG1X	B8ES
AG2	B7ES
AG203	B11EGP
AG22	BP6ES
AG22-4	BP6ES-11
AG22C	BP6ES
AG22CU	BP6ES
AG23	B7ECS
AG252	BP6ES
AG252C	BP6ES
AG25C	B7EM
AGFS22IPJ	ITR6F-13
AGPR32C	BKR6E
AGSF22FE13J	PTR6D-13
AGSF22FE13J	PTR6F-13
AGSF24FM	TR55IX
AGSF24PM	TR55IX
AGSF32FM	PTR5F-13
AGSF32W	TR55IX
AGSP32FP	PFR5G-11



SPARK PLUG CONVERSION CHART

AC to **NGK**

Motorcraft	NGK
AGSP52	BKR5E
AWSF22C	BPR6EFS
AWSF32F	PTR5D-10
AWSF32F	TR55
AWSF32PP	PTR5D-10
AWSF42	BPR5EFS
AWSF42C	BPR5EFS
AWSF44C	TR5-1
AYFS32CJ	TR5B-13
AYRF22P	PTR5A-13
AYRF22PP	PTR5A-10

Torch	NGK
A7RTC	CR7HSA
A7TC	C7HSA
D7	D7EA
D7RTC	DR8EA
D8RTC	DR8EA
D8TC	D8EA
DK7RTC	DCPR7E
E5C	B5HS
E5TC	BP5HS
E6C	B6HS
E6RTC	BPR6HS
E6TC	BP6HS
E7C	B7HS
E7RTC	BPR7HS
E7TC	BP7HS
E8C	B8HS
E8TC	BP8HS
F5C	B5ES
F5RTC	BPR4ES
F5TC	BP5ES
F6C	B6EC
F6RF	BPR6EY
F6RTC	BPR5ES
F6RTC	BPR6ES
F6TC	BP6ES
F7C	B7ES
F7RTC	BPR7ES
F7TC	BP7ES
F7TJC	BP5ET
F8C	B8ES
F8TC	BP8ES
G6	B6S
K6RF	BKR5E
K6RTC	BCPR5ES
K6RTC11	BKR6ES-11
K6RTJC	BCPR6ET
K6TC	BCP5ES
K6TJC	BCP6ET
K7RTC	BKR6E
K7TC	BCP6ES
K7TJC	BCP7ET
L6	BM6A
L7	BM7A
L7RTC	BPMR7A
L7T	BPM6A

Torch	NGK
L7TC	BPM7A
L8RTF	BPMR7A
L9T	BPM7A
Q5RTC	BPR5EFS
Q6RTC	BPR6EFS
T1137C	C7HSA
T5RTC	APR6FS

DISCONTINUED AND REPLACEMENT PLUGS

Spark Plugs



SPARK PLUG

DISCONTINUED	REPLACED
A6	AB6
A7	AB7
B6EFS	BR6EF
B6EVX	B6ES
B6FS	BR6FS
B6HVX	BR6HIX
B7EVX	B7ES
B8HSA	BP8HS
B8HVX	BR8HIX
B9EGP	BR9EIX
BCP5E-11	BCPR5E-11
BCP5EY-11	BCPR5EY-11
BCP7E	BCPR7E
BCP7E-11	BCPR7E-11
BCP7EVX	BCPR7EIX-11
BCPR5EP-13	BCPR6EIX-11
BCPR6EP-13	BCPR6EIX-11
BCPR6EP-N-1	BCPR6EIX-11
BCPR8EVX-11	BKR8EIX
BK7EKU	BKR7EKU
BKR5EVX	BKR5EP-11
BKR6EVX	BKR6EIX
BKR6EVXA-13	BCPR6EIX-11
BKR7EVX	BKR7EIX
BP6EVX	BPR6EIX
BP6HVX	BPR6HIX
BP7EVX	BPR7EIX
BP8EVX	BPR8EIX
BP8HSA	BP8HS
BP9HVX	BPR8HIX
BPR7EVX	BPR7EIX
BPR7EY	BPR7ES
BPR7HVX	BPR7HIX
BPR8EVX	BPR8ES
BPR9EVX	BPR9EIX
BR7HVX	BPR7HIX
BR8ECMVX	BR8ECMIX
BR8EVX	BR8HIX
BR9ECMVX	BR9ECMIX
C6M	C6HSA
CR9EHVX-9	CR8EHIX-9
D8EVX	DR8EIX
D8HS	D8HA
DCPR8EVX	DCPR8EIX
DCPR8EVX	DCPR8EIX
DCPR9EVX	DCPR9EIX
DPR7EVX-9	DPR7EA-9
DPR9EVX-9	DPR9EIX-9
DR7ES	DR7EA

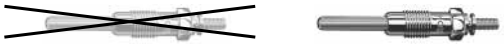


SPARK PLUG

DISCONTINUED	REPLACED
DR8E	DR8EA
DR8ES	DR8EA
DR8EVX	DR8EIX
DR8EVX	DR8EIX
IFR7G-11K	IFR7G-11KS
ITR5F-13	ITR5H-13
PLZKBR7A-G	PLZKBR7B-8DG
R7236-8	R7436-8
R7236-9	R7436-9
R7238-10	R7436-10
R7238-8	R7436-8
R7238-8	R7436-9
R7239-10	R7436-10
R7239-9	R7436-9
R7279-9	R7434-9
R7282C-105	R7282-105
R7282M-105	R7282M-105
R8108-10	R8108A-10
R8108-95	R8108A-10
RE8A-L	RE8C-L
SD10	BUR9EQ
SD8	BUR8EQ
SD9	BUR9EQ
SR5	TR5-1
SR5	TR5-1IX
SR5-1VX	TR5IX
SR5VX	TR5-1IX
TR4-2	TR4
TR4-2	TR4IX
TR4-2VX	TR4IX
TR55GP	TR55IX
TR55VX	TR55IX
TR5VX	TR5
UR40	UR45
UR5VX	UR5IX
WR5GP	WR5IX
XFR5A-11	PFR5G-11
XFR6A-11	PFR6G-11
XR40	XR45
ZF4A-11	ZFR4F-11
ZF5A-11	ZFR5F-11
ZF6A-11	ZFR6A-11
ZF7A-11	ZFR7F-11
ZFR5FVX-11	ZFR5FIX-11
ZFR6FVX-11	ZFR6FIX-11
ZFR7A-11	ZFR7F-11
ZG5A	ZGR5A
ZTR7A	BR7EF

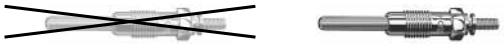
DISCONTINUED AND REPLACEMENT PLUGS

Glow Plugs



GLOW PLUG

DISCONTINUED	REPLACED
CX01	CX51
CY03	Y-603J
CY51	CZ259
CY52	CZ260
CY53	Y-603J
CY55	CZ256
CY57	CZ257
CY58	CZ261
CZ101	CZ104
CZ102	CZ106
CZ201	CZ251
CZ301	CZ304
CZ302	CZ303
CZ51	CX51
CZ57	CZ257
CZ71	CZ258
Y-118T-1	Y-118T1
Y-207TS	Y-207T
Y-503R	Y-503J
Y-504R	Y-504J
Y-506R	Y-506J
Y-507R	Y-507J
Y-515J	Y-732J
Y-525J	Y-548J
Y-701R	Y-701J
Y-720U	Y-720U1
Y-722J	Y-722JS
Y-731U	Y-503J
Y-731U	Y-503J
Y-732U	Y-732J
Y-742U	Y-710J
Y-743U	Y-711J



GLOW PLUG

DISCONTINUED	REPLACED
Y-746R	Y-746J
Y-901R	Y-918J
Y-902R	Y-924J
Y-904M	Y-904M1
Y-908R	Y-924J
Y-910R	Y-910J
Y-911J	Y-910J
Y-911R	Y-910J
Y-913M	Y-913J
Y-914U	Y-924J
Y-916R	Y-916J
Y-917U	Y-924J
Y-918R	Y-918J
Y-920R	Y-924J
Y-922R	Y-924J
Y-923U	Y-924J
Y-924U	Y-924J
Y-925R	Y-925J
Y-927R	Y-927J
Y-932R	Y-933J
Y-933R	Y-933J
Y-935U	Y-910J
Y-937R	Y-937J
Y-938R	Y-924J
Y-954M	Y-954M1
YE06	Y8003J
YI01	Y-306R
YI03	Y-104R
YM01	Y-251
YT01	Y-118T1
YZ01	Y-107R
YZ02	Y-107T

DISCONTINUED PLUGS





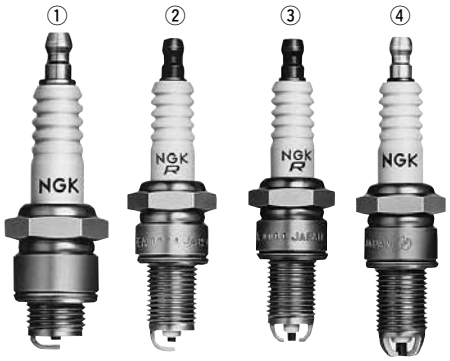
SPARK PLUGS

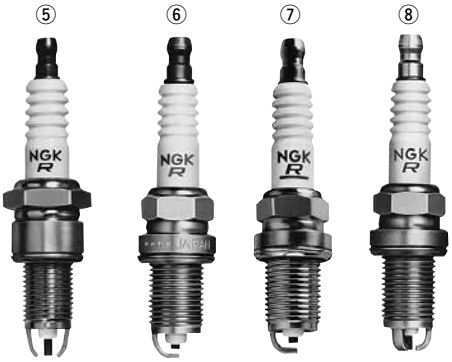
A-6	BCP7EV	BPR6EFS-13	IZFR6K	R5300A-95	R6242-9	B9EGV
A-7	BCPR5ET	BPZHN-10	J9A	R5400-10	6,25E-102	CY03
A-8	BCPR5EY-11	BR10EIX	L8A	R5400-7	6,25E-6	CY52
A6	BCPR6EP-11	BR10ET	LKR6D	R5400-8	R6254K-105	CY53
A7	BCPR6EY	BR5HS	LKR6D-10	R5400-9	R6326-10	CY55
A7F	BCPR8EVX-11	BR6EF	LKR6D-10	R5525-10	R6326-7	CY57
A7FS	BCRE527Y	BR6ES	PGR6A	R5525-11	R6326-8	CY58
A8F	BK5ESZ-N	BR7EQ	PTR6F-13	R5530-10	R6326-9	CZ21
A8FS	BK7ESZ-N	BR7ET	R0045J-11	R5530-11	R6337-10	CZ257
A9F	BK7ESZN	BR8EM	R016-10	R5540F-10	R6337-8	CZ51
A9FS	BKR4EVX	BR8EQ	R016-11	R5540F-105	R6337-9	CZ71
AP6F	BKR5EVX-11	BR8EQ-14	R016-8	R5540F-11	R6385-105P	DG-211
AP9FS	BKR6EKB	BR8ET	R016-9	R5649-10	R6385-11P	DG-241
APR5FS	BKR6EKC-N-11	BR9ET	R017-10	R5649-11	R6690-9	Y-119V
B105EGV	BKR7EKC-N	BR9EYA	R017-8	R5671A-11	R6725-105	Y-145T
B105GP	BKR7EVX-11	BR9HIX	R017-9	R5673-10	R6725-11	Y-175-2
B10EGV	BKUR5ETC-10	BU10H	R018-7	R5673-7	R6725-9	Y-177
B10FS	BKUR5ETZ-10	BUHX	R106-11	R5673-8	R6918B-7	Y-201
B10HV	BKUR6EB-11	BUR6EB-11	R2098-10N	R5686-10	R7113-10	Y-204-TS
B10HVX	BP10EVX	BZ7HS	R216-10	R5686-11	R7113-7	Y-252
B11EGV	BP4	BZ7HS	R216-9	R5686-8	R7113-8	Y-452-1
B5HS-1.5	BP5ES-T	C6M	R217-10	R5686-9	R7232-10	Y-709R
B6EFS	BP5ESL	C9EVX	R218-10	R5687-10	R7232-7	Y-732U
B6FS	BP5EV	C9H	R218-9	R5687-9	R7232-8	Y-808-1
B7EV	BP5EVX	CR9EHVX-9	R2270-10	R5724-10	R7232-9	Y-901-R
B7EVX	BP5HM	D6HA	R2270-11	R5796-8	R7233-10	Y-902-R
B7HV	BP6E	D8EV	R4118S-10	R5830-10	R7233-8	Y-904M
B85EGV	BP6ES-T	D8HA	R4118S-8	R5830-8	R7234-10	Y-907R
B8EFS	BP6ESZ-N	D9EV	R4118S-85	R5830-9	R7234-11	Y-913
B8EGV	BP6ESZN	DCPR8EVX	R4118S-9	R6120-10	R7234-8	Y-913J
B8EM	BP6EV	DCPR9EVX	R4452D-10	R6120-105	R7234-9	Y-916R
B8EV	BP6H	DILKR8B6	R4452D-75	R6120-11	R7238-8	Y-918R
B8EVX	BP6HV	DIMR8B-10	R4468-105	R6120A-10	SD10A	Y-920-R
B8HCS	BP7E	DP8EV-9	R4468-11	R6120A-105	SD11A	Y-925R
B8HV	BP7ESZ-N	DP8EVX-9	R4468-115	R6120A-11	SR5	YE06
B8HVX	BP7ESZN	DP9EV-9	R4468A-105	R6179-105P	ZFR5E-11	YI-01
B8S	BP7EV	DPR8EV-9	R4468A-11	R6179-10P	ZFR6A-11	YI-03
B95EGV	BP8EV	DPR9EVX-9	R4468A-115	R6179A-105P	ZFR6F-11	YM-02
B9ECS	BP8EVX	DR5EA	R4468A-9	R6179A-11P	ZFR7F-11	YM-03
B9EV	BP8HVX	DR6HS	R4630A-95	R6179A-95P	ZGR5B-11	YS-101
B9HCS	BP9HVX	DR8ES	R5184-10	R6241-10	ZGR5C	YT-01
B9HV	BPMR4A-10	DR9EA	R5184-105	R6241-8		YT-02
B9HVX	BPR10EVX	GR4VX	R5184-9	R6241-9		YZ-01
BCP6EV	BPR4EVX	IKR7C	R5184-95	R6242-10		YZ-02
BCP7E	BPR4HS-10	ILFR6C-11	R5300A-10	R6242-8		

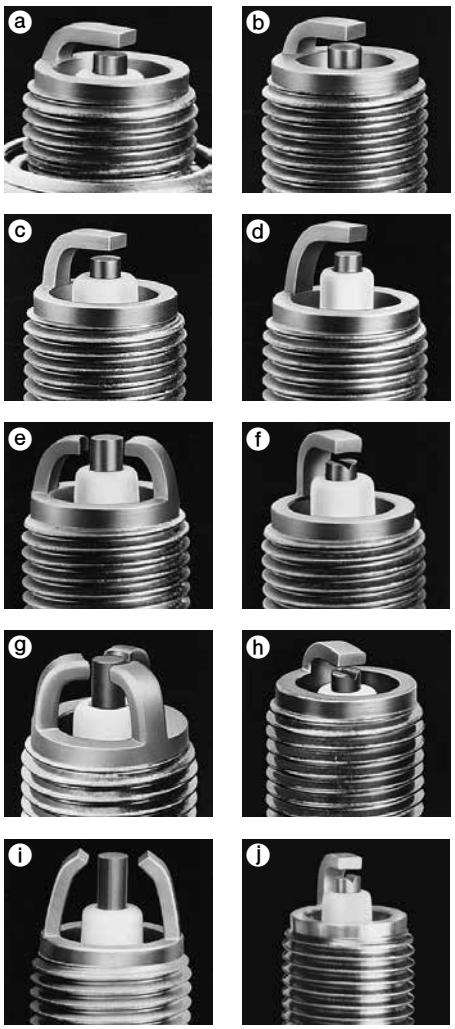
GLOW PLUGS

STANDARD TYPES

		NON-RESISTOR	RESISTOR
14mm ϕ × 9.5mm 20.8 Hex Fig.①ⓐ		**B-2 B-4 B6S B7S B8S**	**BR6S**
	Fig.①ⓒ	**BP-4 BP5S BP6S**	
14mm ϕ × 19.0mm 20.8 Hex Fig.②ⓐ		**B4ES B5ES B6ES,-11 B7ES,-11 B8ES B9ES B10ES**	**BR4ES BR5ES BR6ES,-11 BR7ES BR8ES,-11 BR9ES BR10ES**
	Fig.②ⓑ		**BR6EB-L-11**
	Fig.②ⓗ		**BR8EYA BR9EYA BR10EYA**
	Fig.②ⓒ	**BP2ES,BP-2E BP4ES,-11 BP4ES-L-11 BP5ES,-11,-13 BP5ESZ BP6ES,-11 BP6ESZ BP7ES,-11 BP8ES BP9ES**	**BPR2ES,BPR-2E BPR4ES,-11,-13 BPR5ES,-11,-13 BPR6ES,-11,-13 BPR7ES,-11 BPR8ES BPR9ES**
	Fig.②ⓓ		**BPR5EA BPR5EA-L,-11**
	Fig.③ⓔ		**BPR6EKN BPR7EKN**
	Fig.②ⓕ	**BP4EY,-11 BP5EY,-11 BP6EY,-11 BP7EY**	**BPR4EY,-11 BPR5EY,-11 BPR6EY,-11 BPR7EY,-11**
	Fig.②ⓙ	**BP5E BP6E**	**BPR4E,-11 BPR5E,-11 BPR6E,-11 BPR7E**
	Fig.④ⓖ	**BP5ET,-10 BP6ET BP7ET**	
	Fig.⑤ⓘ		**BPR5EJ**
14mm ϕ × 19.0mm 16.0 Hex Fig.⑥ⓒ		**BCP4ES,-11 BCP5ES,-11 BCP6ES,-11 BCP7ES,-11**	**BCPR4ES-11 BCPR5ES,-11 BCPR6ES,-11 BCPR7ES,-11 BCPR9ES-11**
	Fig.⑧ⓖ ISO	**BCP5ET BCP6ET BCP7ET**	**BCPR5ET BCPR6ET BCPR7ET**
	Fig.⑥ⓐ	**BC6ES**	**BCR8ES**
	Fig.⑦ⓒ ISO	**BK5ES BK5ESZ**	**BKR4ES-11 BKR5ES,-11 BKR6ES,-11 BKR7ES-11**



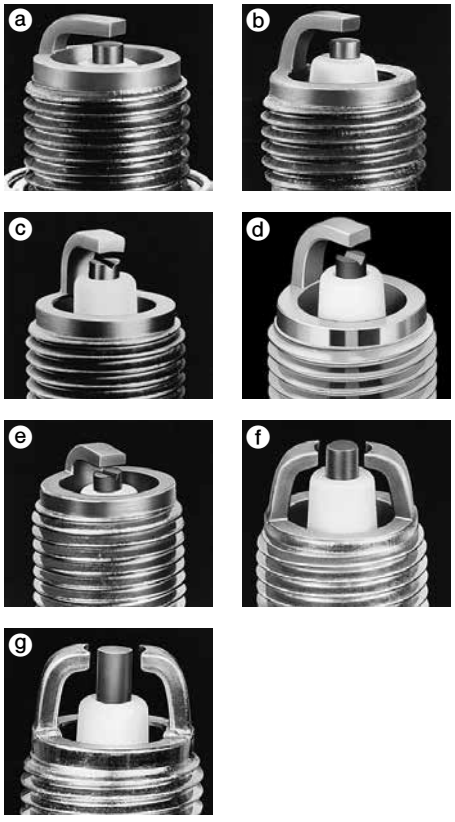




SERIES OF NGK SPARK PLUGS

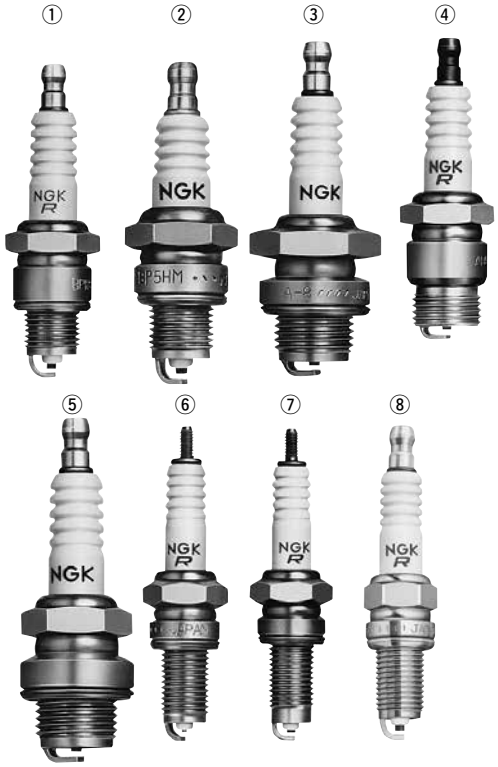
	NON-RESISTOR	RESISTOR
14mm ϕ × 19.0mm 16.0 Hex Fig.①ⓒ	**BCP5EY-11**	**BCPR4EY-11 BCPR5EY,-11,-N-11 BCPR6EY,-11,-N-11 BCPR7EY-11,-N-11**
Fig.②ⓒ ISO		**BKR4EY,-11 BKR5EY,-11 BKR5EYA,-11 BKR6EY,-11 BKR6EYA,-11 BKR7EY**
Fig.①ⓓ	**BCP5E,-11 BCP6E,-11 BCP7E,-11**	**BCPR5E,-11 BCPR6E,-11 BCPR7E,-11**
Fig.②ⓓ ISO	**BK5E,-11 BK6E,-11**	**BKR4E,-11 BKR5E,-11,-N,-N-11 BKR5EZ BKR6E,-11,-N,-N-11 BKR6EZ BKR7E,-11,-N-11 BKR8E-11**
Fig.⑥ⓕ ISO		**BKR5EK BKR6EK**
Fig.⑥ⓖ ISO		**BKR5EKB-11 BKR6EKB-11**
		BKR5EKC BKR6EKC,-N-11 BKR6EKE BKR7EKC,-N,-N-11
14mm ϕ × 26.5mm 16.0 Hex Fig.⑧ⓓ		**LFR4A,-11 LFR5A,-11 LFR6A,-11**
14mm ϕ × 11.2mm Conical seat 16.0 Hex Fig.③ⓐ	**B7FS**	**BR5FS BR6FS,-15**
Fig.③ⓑ	**BP4FS BP5FS BP6FS BP7FS**	**BPR4FS,-11,-15 BPR5FS,-11,-15 BPR6FS**
Fig.③ⓓ	**BP5F BP6F**	
14mm ϕ × 17.5mm Conical seat 16.0 Hex Fig.④ⓐ	**B6EFS B8EFS B9EFS**	**BR7EFS**
Fig.④ⓔ		**BR6EF BR7EF**
Fig.④ⓑ	**BP4EFS BP5EFS,-13 BP6EFS,-13 BP7EFS**	**BPR5EFS,-13 BPR6EFS,-13,-15 BPR7EFS-15**
Fig.④ⓓ	**BP6EF**	**BPR6EF,-11,-13**
14mm ϕ × 25.0mm Conical seat 16.0 Hex Fig.⑦ⓑ		**TR5A-13 TR5B-13 TR6B-10,-13**
14mm ϕ × 11.2mm 20.8 Hex Fig.⑤ⓐ	**B-4L B-6L B6LY**(Fig.⑤ⓔ)	

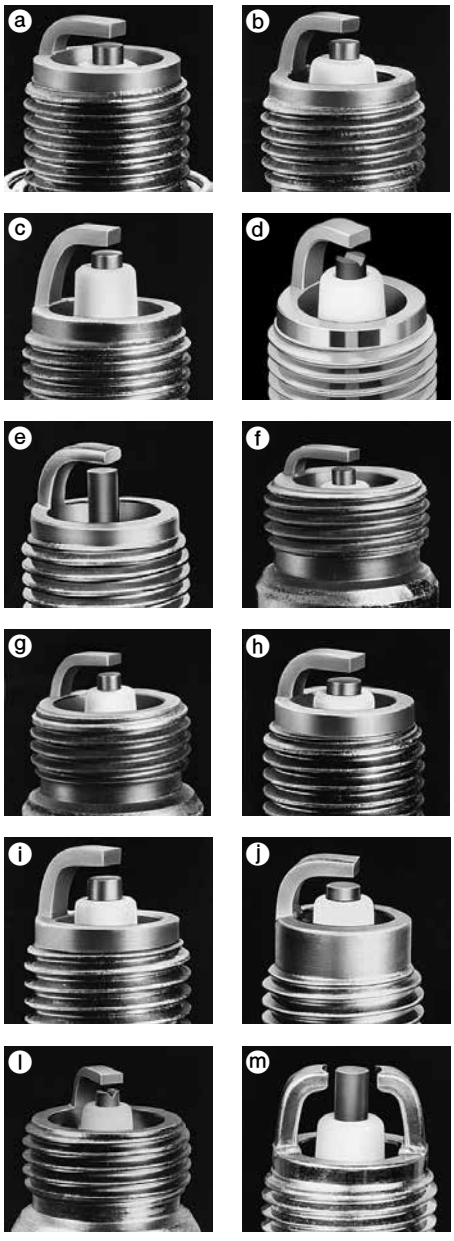




SERIES OF NGK SPARK PLUGS

	NON-RESISTOR	RESISTOR
14mm ϕ × 12.7mm 20.8 Hex Fig.①ⓐ	**B-2H** **B-4H,-10** **B5HS** **B6HS,-10** **B7HS,-10** **B8HS,-10** **B9HS,-10** **B10HS**	**BR4HS** **BR5HS** **BR6HS,-10** **BR7HS,-10 BZ7HS-10** **BR8HS,-10** **BR9HS,-10**
Fig.①ⓑ	**BP2HS,-10 BP-2H** **BP4HS,-10 BP4HSA BP-4H** **BP5HS,-10** **BP6HS,-10 BP6HSA BP6H** **BP7HS,-10 BP7H** **BP8HS,-10,-15 BP8HSA**	**BPR2HS** **BPR4HS,-10 BPR4HSA BPR-4H** **BPR5HS** **BPR6HS,-10 BPR6HSA** **BPR7HS,-10** **BPR8HS,-10 BPR8HSA BPZ8HS-10,-15**
Fig.①ⓒ	**BP4HA** **BP5HA**	
Fig.①ⓔ	**B6HSA** **B8HSA**	**BR4HSA,-9** **BR6HSA,-9** **BR8HSA,-9**
18mm ϕ × 10.9mm Conical seat 20.8 Hex Fig.④ⓕ	**A6FS** **A7FS** **A8FS** **A9FS**	**AR6FS**
Fig.④ⓖ	**AP4FS** **AP5FS** **AP6FS** **AP7FS** **AP8FS** **AP9FS**	**APR5FS** **APR6FS**
Fig.④ⓛ	**AP6F**	**APR6F**
18mm ϕ × 12.0mm 20.8 Hex Fig.⑤ⓕ	**AB-2** **AB-6** **AB-7** **AB-8**	
12mm ϕ × 19.0mm 18.0 Hex Fig.⑥ⓗ	**D6EA** **D7EA** **D8EA** **D9EA** **D10EA**	**DR7EA DR7EB** **DR8EA DR8EB** **DR9EA**
Fig.⑥ⓘ	**DP6EA-9** **DP7EA-9** **DP8EA-9** **DP9EA-9**	**DPR5EA-9** **DPR6EA-9 DPR6EB-9** **DPR7EA-9** **DPR8EA-9** **DPR9EA-9**
Fig.⑥ⓗ	**J9A**	**JR8B** **JR9B** **JR10B**
Fig.⑥ⓚ		**JR8C** **JR9C**
12mm ϕ × 21.0mm 18.0 Hex Fig.⑦ⓙ	**DP8Z**	**DPR7Z** **DPR8Z** **DPR9Z**
12mm ϕ × 19.0mm 16.0 Hex Fig.⑧ⓘ	**DCP6E** **DCP7E**	**DCPR6E** **DCPR7E DCPR7E-N** **DCPR8E DCPR8E-N** **DCPR9E**
Fig.⑧ⓜ		**DCPR8EKC**
12mm ϕ × 26.5mm 14.0 Hex		**LKAR8A-9,9S**





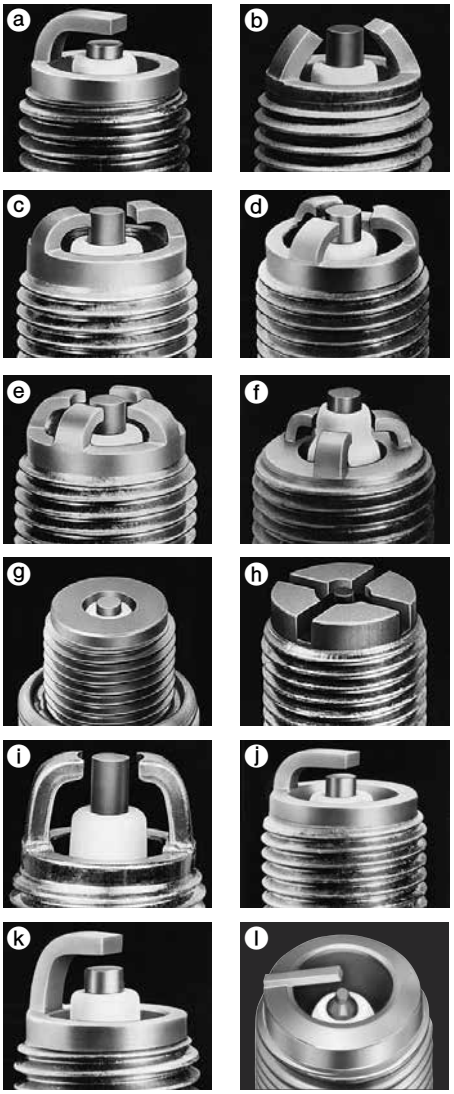
SERIES OF NGK SPARK PLUGS

	NON-RESISTOR	RESISTOR
12mm ϕ × 12.7mm 18.0 Hex Fig.①ⓐ	**D6HA** **D8HA**	**DR4HS** **DR5HS** **DR6HS** **DR8HS**
10mm ϕ × 12.7mm 16.0 Hex Fig.②ⓐ	**C2H** **C4HSB** **C5HSA** **C5HSB** **C6HSA** **C7HSA** **C8HSA**	**CR4HSA** **CR4HSB** **CR5HSA** **CR5HSB** **CR6HSA** **CR7HSA** **CR8HSA** **LR8A**
10mm ϕ × 19.0mm 16.0 Hex Fig.③ⓙ	**C7E** **C8E** **C9E**	**CR6E** **CR7E** **CR7EB** **CR8E** **CR8EB** **CR9E** **CR9EB** **CR10E**
Fig.③ⓚ		**CPR8E** **CPR7EA-9**
10mm ϕ × 19.0mm 16.0 Hex Fig.④ⓐ	**C7EH-9** **C8EH-9** **C9EH-9**	**CR7EH-9** **CR8EH-9** **CR9EH-9** **CR10EH-9**
10mm ϕ × 19.0mm 16.0 Hex Fig.③ⓑ		**CR7EK** **CR7EKB** **CR8EK** **CR8EKB** **CR9EK** **CR9EKB** **CR10EK**
Fig.③ⓘ		**CR7EKC**
10mm ϕ × 19.0mm 14.0 Hex		**MAR10A-J**
10mm ϕ × 26.5mm 14.0 Hex		**LMAR6A-9** **LMAR6C-9** **LMAR7A-9** **LMAR8A-9,9S**
8mm ϕ × 19.0mm 13.0 Hex Fig.⑤ⓐ		**ER8EH** **ER9EH** **ER10EH**



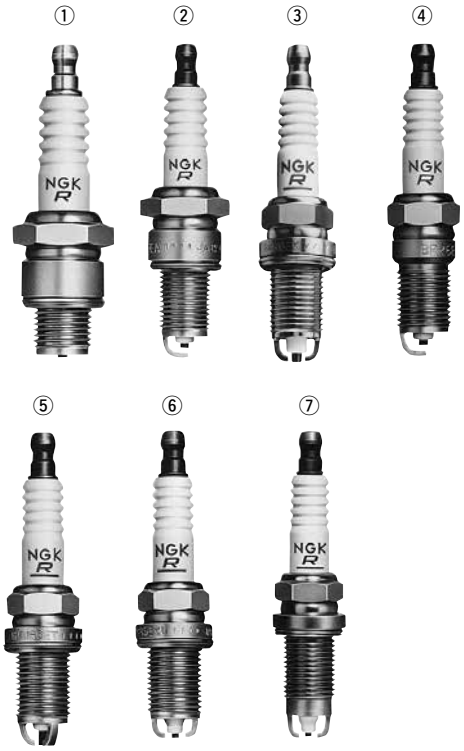
FOR ROTARY ENGINE

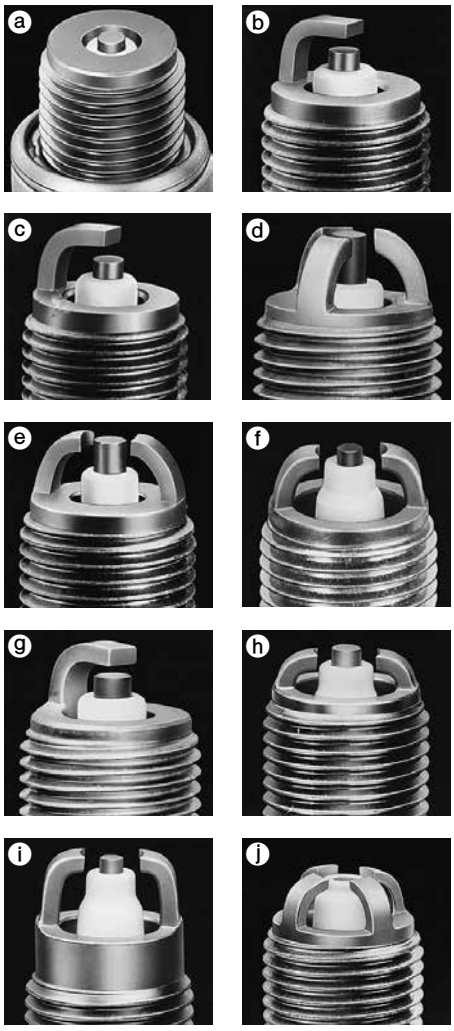
	NON-RESISTOR	RESISTOR
14mm ϕ × 19.5mm 20.8 Hex Fig.⑥ⓒ	**B7EM**	**BR8EM**
Fig.⑥ⓓ		**BR7ET** **BR8ET** **BR9ET** **BR10ET**
Fig.⑥ⓔ		**BR7EQ-14** **BR8EQ,-14** **BR9EQ-14**
14mm ϕ × 21.5mm 20.8 Hex Fig.⑧ⓖ		**SD10A** **SD11A**
Fig.⑧ⓗ		**BUR6EQ** **BUR7EQ** **BUR7EQP** **BUR8EQ** **BUR9EQ** **BUR9EQP**
14mm ϕ × 21.0mm 20.8 Hex Fig. ⑨		**RE6C-L** **RE7C-L** **RE8C-L**
14mm ϕ × 19.0mm 20.8 Hex Fig. ⑩ⓛ		**RE9B-T**



SEMI SURFACE DISCHARGE TYPES

	NON-RESISTOR	RESISTOR
14mm ϕ × 12.7mm 20.8 Hex Fig.①ⓐ	**BU8H**	**BUZ8H**
14mm ϕ × 19.0mm 20.8 Hex Fig.②ⓑ	**BU6EA-11**	**BUR5EA-11** **BUR6EA-11** **BUR7EA-11**
14mm ϕ × 19.0mm 20.8 Hex Fig.②ⓒ		**BUR4EB-11** **BUR5EB-11** **BUR6EB-11** **BUR7EB-11**
Fig.②ⓓ		**BUR5ET,-10** **BUR6ET**
14mm ϕ × 19.0mm 20.8 Hex Fig.③ⓔ	**BP5EK-A** **BP6EK-A**	**BPR5EK-A** **BPR6EK-A**
Fig.③ⓕ		**BPR5EKU**
14mm ϕ × 17.5mm Conical seat 16.0 Hex Fig.④ⓖ	**BU6EFSZ**	**BUR6EFSZ**
14mm ϕ × 19.0mm 16.0 Hex Fig.⑥ⓔ ISO		**BKUR6EK,-9** **BKUR7EK**
Fig.⑤ⓓ ISO		**BKUR5ET,-10 BKUR5ETZ-10** **BKUR6ET,-10 BKUR6ETB** **BKUR7ET**
Fig.⑥ⓕ ISO	**BK7EKU**	**BKR5EKU** **BKR6EKU** **BKR7EKU**
		BKR6EKUE
Fig.⑥ⓗ ISO		**BKR6EKUB**
14mm ϕ × 22.0mm 16.0 Hex Fig.⑦ⓘ		**BKR5EKUC** **BKR6EKUC**
14mm ϕ × 19.0mm 16.0 Hex Fig.⑥ⓙ		**BKR6EQUA**

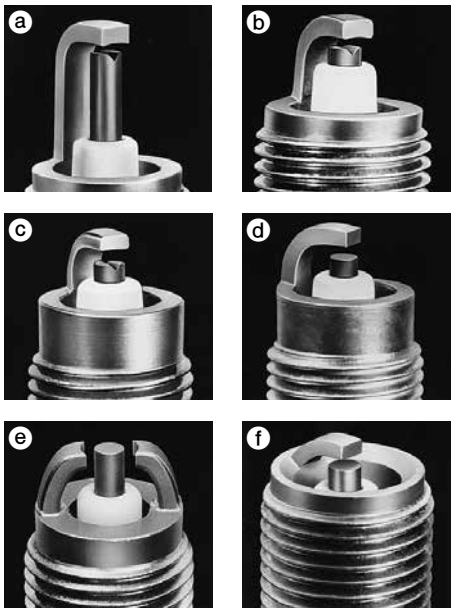




PROJECTED GAP TYPE

	NON-RESISTOR	RESISTOR
14mm ϕ × 19.0mm 20.8 Hex Fig.①ⓐ	**BE527Y-11** **BE529Y-11**	**BRE527Y-11** **BRE529Y,-11**
Fig.②ⓑ		**ZGR4A** **ZGR5A**
14mm ϕ × 26.0mm 20.8 Hex Fig.②ⓓ	**ZG5D-11**	
14mm ϕ × 20.5mm 20.8 Hex Fig.②ⓑ		**ZGR5B,-11** **ZGR6B-11**
14mm ϕ × 22.0mm 20.8 Hex Fig.②ⓒ		**ZGR5C**
14mm ϕ × 19.0mm 16.0 Hex Fig.③ⓑ	**ZF6A-11**	**ZFR5A-11** **ZFR6A-11**
Fig.④ⓑ ISO		**ZFR4F-11** **ZFR5F,-11** **ZFR6F-11,G** **ZFR7F,-11**
Fig.④ⓑ ISO		**ZFR5J-11** **ZFR6J-11** **ZFR7J-11**
Fig.③ⓐ		**BCRE527Y**
14mm ϕ × 20.5mm 16.0 Hex		**ZFR6K-11S**
Fig.③ⓔ		**ZFR5G** **ZFR6G**
14mm ϕ × 22.5mm 16.0 Hex Fig.③ⓒ		**ZFR4E-11** **ZFR5E-11** **ZFR6E-11**
Fig.③ⓓ		**ZFR5D-11** **ZFR6D-11**
14mm ϕ × 25.0mm Conical seat 16.0 Hex Fig.⑤ⓑ		**LZTR4A-11** **LZTR5A-13**



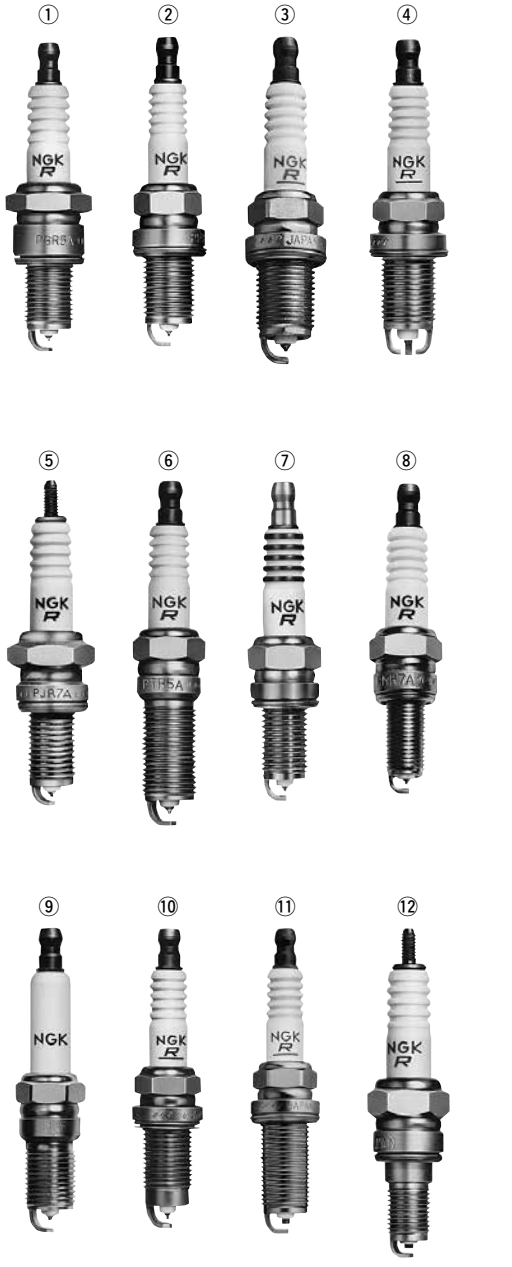


COMPETITION TYPES

14mm ϕ × 12.7mm 20.8 Hex Fig.⑥ⓕ	**B7HCS** **B8HCS** **B9HCS**	**BR8HCS-10**
14mm ϕ × 19.0mm 20.8 Hex Fig.⑦ⓕ	**B7ECS** **B8ECS** **B9ECS**	**BR8ECS** **BR9ECS** **BR10ECS**
Fig.⑧ⓕ		**BR8ECM** **BR9ECM** **BR10ECM**

PLATINUM, IRIDIUM TIPPED TYPES

		NON-RESISTOR
14mm ϕ × 19.0mm 20.8 Hex Fig.①ⓘ		**PGR5A,-11 PGR5C-11 BPR5EP-11,-13** **PGR6A,-11 PGR6C-11 BPR6EP-8** **PGR7A,-11**
		IGR7A
14mm ϕ × 19.0mm 20.8 Hex Fig.①ⓗ		**IGR5C13**
14mm ϕ × 19.0mm 16.0 Hex Fig.②ⓐ		**PFR5A-11 PFR5K-11 BCPR5EP-8,-11,-13** **PFR6A-11 PFR6H-10 PFR6K-11 BCPR6EP-8,N-8,-11,-N-11,-13** **PFR7A-11 PFR7H-10**
	Fig.③ⓗ ISO	**FR4AP-10,-11 FR4BP-11** **FR5AP-10,-11 FR5BP-11 FR5AP-11E** **FR6AP-10,-11 FR6BP-11** **FR7AP-11**
		FR5EI-13
		PFR4B-11 PFR4C-11 **PFR5B,-9,-11,-11B PFR5C-11** **PFR6B,-9,-11,-11B,-11C PFR6C-11 PFR6E-10** **PFR7B,-9,-11,-11C** **PFR8B,-9**
		PFR4G-11 **PFR5G-11,-13E PFR5J-11** **PFR6G,-9,-11,-13,-13E PFR6H-10 PFR6J,-11** **PFR7G,-9,-11**
		PFR4P **PFR5L-11 PFR5N-11 PFR5P,-11** **PFR6L-11,-13 PFR6N-11 PFR6P,-11 PFR6Q** **PFR7N-D PFR7Q**
		PFR5R-11
		BKR5EP-8,-11 **BKR6EP-8,-11,-13,-N-8**
	Fig.④ⓒ ISO	**BKR6EKPA**
	Fig.④ⓓ ISO	**BKR5EKUP**
	Fig.④ⓔ ISO	**BKR5EKPB-11,-13** **BKR6EKPB-11**
	Fig.④ⓙ ISO	**BKR5EQUPA** **BKR6EQUP BKR6EQUPA**
	Fig.③ⓕ ISO	**PFR6M** **PFR7M**
	Fig.③ⓖ ISO	**PZFR5B PZFR5F,-11,-13** **PZFR6B PZFR6F,-11** **PZFR7F**
	Fig.③ⓗ ISO	**IFR5A11,-8N IFR5D10 IFR5E11** **IFR6A11 IFR6C IFR6D10 IFR6E11** **IFR7F-D**
		IFR5G11 IFR5J11 IFR5N10 IFR5T-8N,11 **IFR6J11 IFR6S IFR6T11**
	Fig.②ⓖ	**IZFR5B IZFR5F11** **IZFR6B IZFR6F11**
		ZFR5LP-13G
14mm ϕ × 22.0mm 16.0 Hex Fig.⑩ⓚ ISO		**PZFR5C PZFR5D-11**
	Fig.⑩ⓚ ISO	**IZFR5C** **IZFR7E-D**
14mm ϕ × 25.0mm conical seat 16.0 Hex Fig.⑥ⓗ		**PTR5A-13**



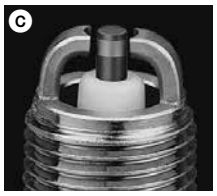
SERIES OF NGK SPARK PLUGS

	NON-RESISTOR
14mm ϕ × 17.5mm conical seat 16.0 Hex Fig.⑨ⓘ	**PTR4B-15 PTR5C-13,-15**
	ITR4A15 ITR5F13 ITR6F13
14mm ϕ × 17.5mm conical seat 16.0 Hex Fig.③ⓗ	**PTR5D-10,-13 PTR6D-13,-13G**
Fig.⑨ⓖ	**PZTR5A-15**
14mm ϕ × 20.5mm 16.0 Hex Fig.③ⓐ	**IZFR6K11,11E,13 IZFR6K-11S,IZFR6K11NS**
14mm ϕ × 21.5mm 16.0 Hex Fig. ⓜ	**PZFR5N-11T**
14mm ϕ × 22.0mm 16.0 Hex Fig.	**PZFR6J-11**
14mm ϕ × 26.5mm 16.0 Hex Fig.⑪ⓐ	**PLFR4A-11 PLFR5A-9,-11 PLFR6A-9,-11 PLFR7A-9**
Fig.⑪ⓖ	**ILZFR6A11**
14mm ϕ × 29.5mm 16.0 Hex Fig.⑪ⓙ	**LZFR5AQP**
14mm ϕ × 25.0mm conical seat 16.0 Hex	**PLZTR4A-13,PLZTR5A-13**
12mm ϕ × 19.0mm 18.0 Hex Fig.⑤ⓗ	**PJR6A PJR7A PJR8A**
	IJR7A9
12mm ϕ × 19.0mm 16.0 Hex Fig.⑦ⓘ	**PKR7A PKR9B**
12mm ϕ × 19.0mm 16.0 Hex Fig.⑦ⓒ	**DCPR8EKP**
12mm ϕ × 22.0mm 16.0 Hex Fig.	**IZKR7A**
12mm ϕ × 28.0mm 16.0 Hex	**ILZKR7B11 ILZKR7B-11S ILZKR7B11GS**
10mm ϕ × 19.0mm 16.0 Hex Fig.⑧ⓘ	**PMR7A PMR8A PMR8B**
10mm ϕ × 19.0mm 16.0 Hex Fig.⑫	**IMR9C-9H IMR9C-9HE,IMR9C-9HES**

12mm ϕ × 26.5mm Bi-Hex 14.0mm	**ILZKBR7A-8G PLZKBR7A-G**















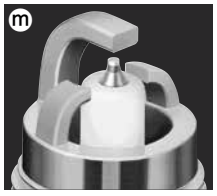












SERIES OF NGK SPARK PLUGS

COMPACT TYPES

	NON-RESISTOR	RESISTOR
14mm ϕ × 9.5mm 19.0 Hex Fig.①ⓐ	**B2-LM＊** **BM4A** **B4-LM＊** **BM6A** **BM6＊** **BM7A** **BM7＊** ＊Hex.20.8mm	**BMR2A,-10** **BR2-LM＊** **BMR4A** **BR4-LM＊** **BMR6A** **BMR7A** ＊Hex.20.8mm
Fig.①ⓑ	**BPM4A,-10** **BPM6A,-10** **BPM7A**	**BPMR4A,-10** **BPMR6A,-10** **BPMR7A,-9**
14mm ϕ × 12.7mm 20.8 Hex Fig.②ⓐ	**BL-6H**	
14mm ϕ × 7.8mm Conical seat 16.0 Hex Fig.③ⓐ	**BM6F** **BM6FY** **BM7F**	**BMR6F**
Fig.③ⓑ	**BPM6F** **BPM7F**	**BPMR6F**
10mm ϕ × 8.6mm 14.0 Hex Fig.④ⓐ	**CM-6**	
10mm ϕ × 9.5mm 16.0 Hex Fig.⑧ⓐ		**CMR6A** **CMR7A**
10mm ϕ × 12.7mm 16.0 Hex Fig.⑧ⓔ		**CMR5H** **CMR6H** **CMR7H**
14mm ϕ × 9.5mm 19.0 Hex Fig.①ⓒ	**BPM6Y** **BPM7Y** **BPM8Y**	**BPMR6Y** **BPMR8Y**

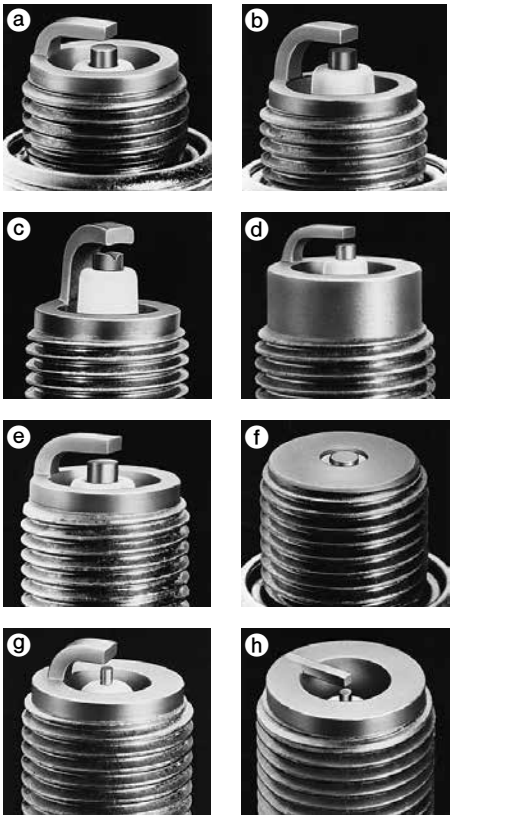


FARM EQUIPMENT TYPES

PF1/2" × 22.5mm 23.8 Hex Fig.⑤ⓓ	**G-27** **G-2Z**

SURFACE DISCHARGE TYPES

14mm ϕ × 12.7mm 20.8 Hex Fig.⑥ⓕ	**BUHX(Series gap)** **BUHXW-1(Series gap)**	
	BUH	
	BUHW **BUHW-2**	**BUZHW** **BUZHW-2**
14mm ϕ × 19.0mm 20.8 Hex Fig.⑦ⓕ	**BUE**	



RACING TYPES

	NICKEL ELECTRODE	PRECIOUS METAL ELECTRODE	PLATINUM ELECTRODE
14mm ϕ × 19.0mm 20.8 Hex	Fig.⑨ⓖ **B8EG** **BR8EG***	Fig.⑨ⓖ **B8EGV**	Fig.⑨ⓗ **B8EGP**
		B85EGV	**B85EGP**
	B9EG **BR9EG***	**B9EGV**	**B9EGP**
		B95EGV	**B95EGP**
	B10EG **BR10EG***	**B10EGV**	**B10EGP**
		B105EGV	
*Resistor Type	**B11EG**	**B11EGV**	

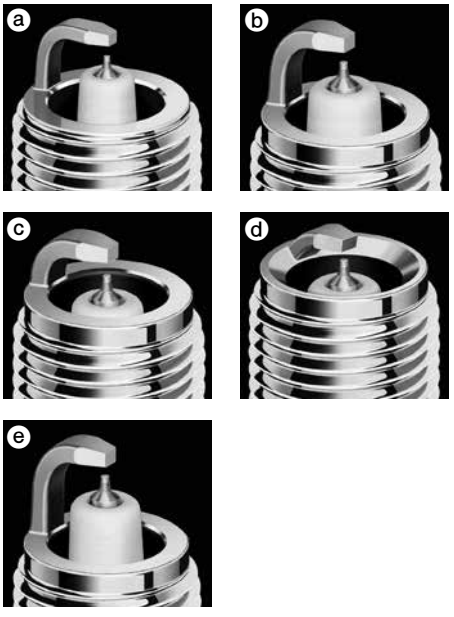
IX TYPES

		NON-RESISTOR
18mm ϕ × 10.9mm 20.8 Hex Fig.①ⓐ		**WR5IX**
14mm ϕ × 19.0mm 20.8 Hex Fig.②ⓑ		**BPR5EIX ,-11** **GR4IX** **BPR6EIX ,-11** **GR5IX** **BPR7EIX** **BPR8EIX** **BPR9EIX**
	Fig.②ⓒ	**BR7EIX** **BR8EIX** **BR9EIX** **BR10EIX**
	Fig.②ⓓ	**BR8ECSIX** **BR9ECSIX,-5**
	Fig.③ⓓ	**BR8ECMIX** **BR9ECMIX** **BR10ECMIX**
14mm ϕ × 12.7mm 20.8 Hex Fig.④ⓑ		**BPR6HIX** **BPR7HIX** **BPR8HIX**
	Fig.④ⓒ	**BR6HIX** **BR7HIX** **BR8HIX** **BR9HIX** **BR10HIX**
14mm ϕ × 9.5mm 20.8 Hex Fig.⑤ⓐ		**XR4IX** **XR5IX** **XR45IX**
14mm ϕ × 19.0mm 16.0 Hex Fig.⑥ⓑ		**BCPR7EDIX**
	Fig.⑦ⓑ	**BCPR5EIX,-11** **BCPR6EIX,-11** **BCPR7EIX,-11**
	Fig.⑧ⓑ	**BKR4EIX** **BKR5EIX,-11** **BKR6EIX,-11** **BKR7EIX,-11** **BKR8EIX** **BKR9EIX**
	Fig.⑧ⓔ	**ZFR5FIX-11** **ZFR6FIX-11**
14mm ϕ × 26.5mm 16.0 Hex Fig.⑨ⓑ		**LFR5AIX-11** **LFR6AIX-11** **LFR7AIX**
14mm ϕ × 17.5mm Conical seat 16.0 Hex Fig.⑩ⓑ		**BPR6EFIX-10,-15**
	Fig.⑩ⓐ	**TR4IX** **TR5IX** **TR55IX** **TR6IX** **TR65IX** **TR7IX** **TR75IX** **TR8IX** **TR85IX**
14mm ϕ × 20.5mm Conical seat 16.0 Hex Fig.⑪ⓔ		**TR45-1IX** **TR5-1IX** **TR55-1IX**
14mm ϕ × 11.2mm Conical seat 16.0 Hex Fig.⑫ⓒ		**YR5IX** **YR55IX**
	Fig.⑫ⓒ	**BR6FIX**
	Fig.⑫ⓐ	**UR4IX** **UR45IX** **UR5IX** **UR55IX** **UR6IX**
14mm ϕ × 25.0mm Conical seat 16.0Hex Fig.⑬ⓑ		**LTR5IX-11** **LTR6IX-11** **LTR7IX-11**
	Fig.⑬ⓔ	**LZTR4AIX-11** **LZTR5AIX-13** **LZTR6AIX-13** **LZTR7AIX-13**



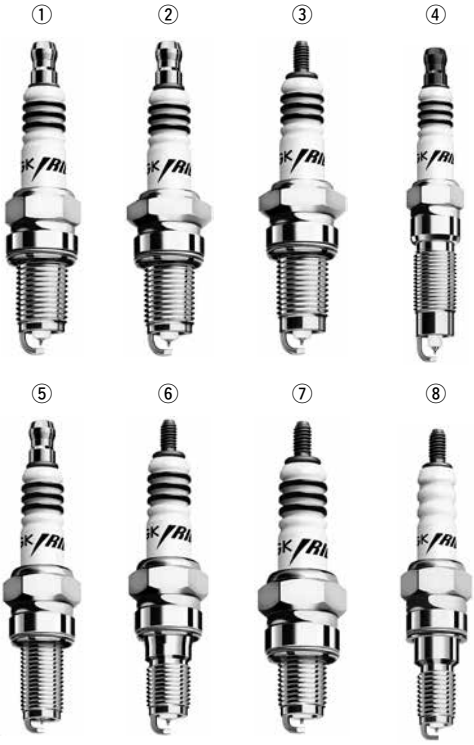


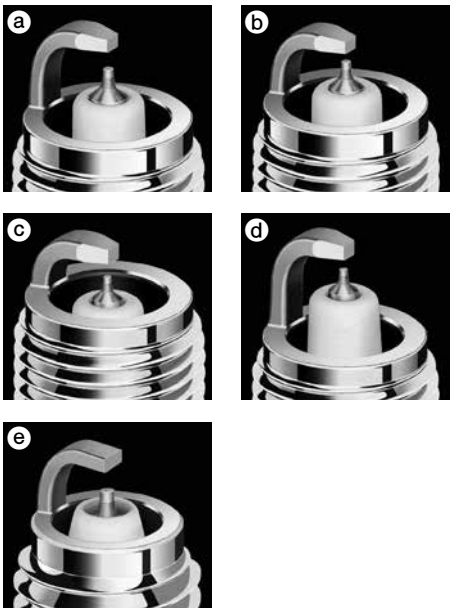




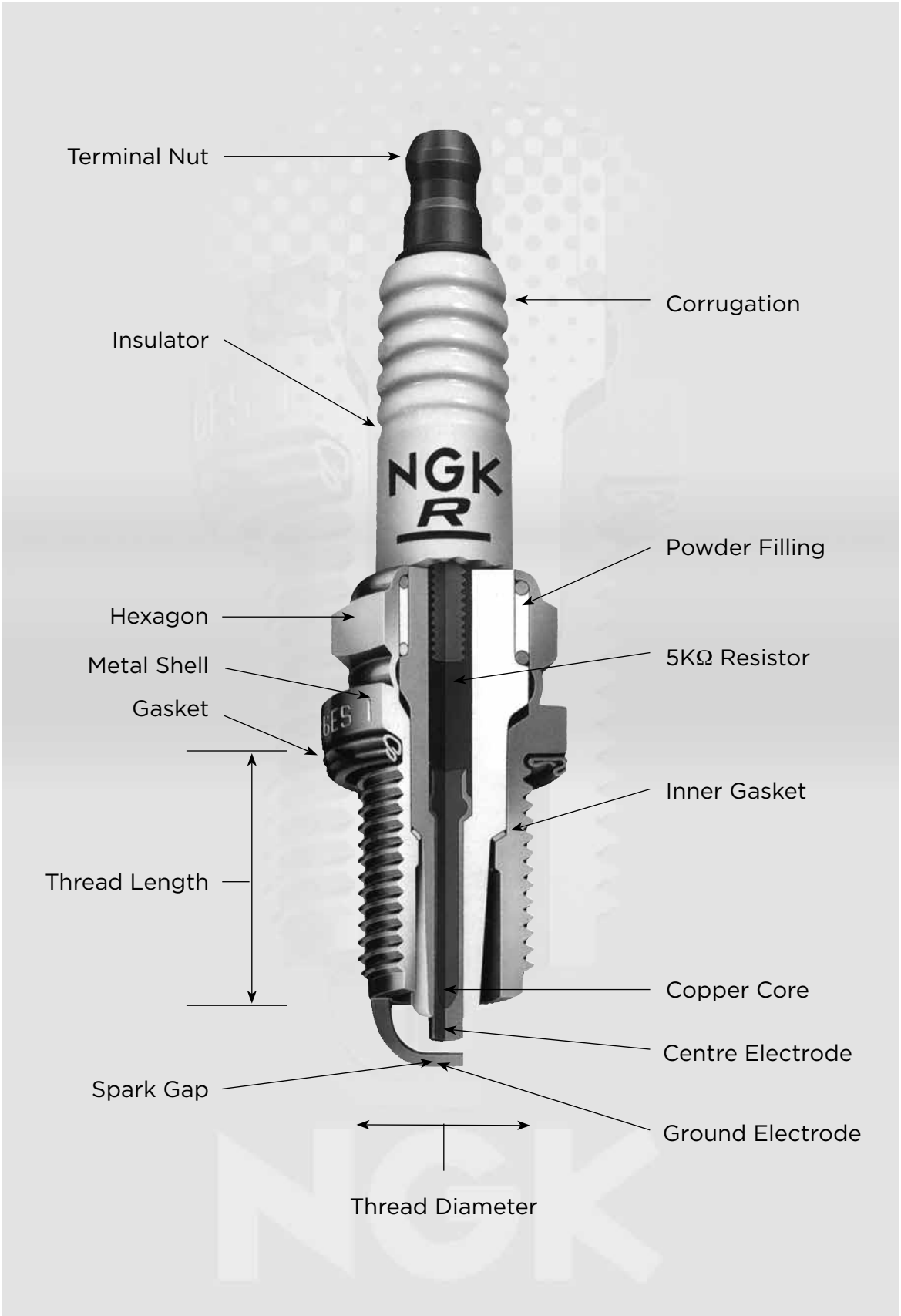
IX TYPES

	NON-RESISTOR
12mm ϕ × 19.0mm 16.0 Hex Fig.①ⓐ	**DCPR6EIX** **DCPR7EIX** **DCPR8EIX** **DCPR9EIX**
Fig.①ⓑ	**DCR7EIX** **DCR8EIX** **DCR9EIX**
12mm ϕ × 19.0mm 18.0 Hex Fig.②ⓐ	**DPR7EIX-9** **DPR8EIX-9** **DPR9EIX-9**
Fig.②ⓑ	**DR7EIX** **DR8EIX** **DR9EIX**
12mm ϕ × 21.0mm 18.0 Hex Fig.③ⓐ	**DPR8ZIX**
12mm ϕ × 26.5mm Conical seat 14.0 Hex Fig.④ⓓ	**ZNAR7AIX** **ZNAR6AIX-11**
10mm ϕ × 19.0mm 16.0 Hex Fig.⑤ⓐ	**CPR7EAIX-9**
Fig.⑤ⓒ	**CR7EIX** **CR8EIX** **CR9EIX** **CR10EIX**
Fig.⑥ⓑ	**CR8EHIX-9** **CR9EHIX-9**
10mm ϕ × 12.7mm 16.0 Hex Fig.⑦ⓑ	**CR5HIX** **CR6HIX** **CR7HIX** **CR8HIX** **CR9HIX**
8mm ϕ × 19.0mm 13.0 Hex Fig.⑧ⓔ	**ER8EHIX** **ER9EHIX**





STRUCTURE OF A SPARK PLUG



Design Symbols

	Thread Size	Hexagon Size
A	18mm	25.4mm
AB	18mm	20.8mm
B	14mm	20.8mm
BC	14mm	16.0mm
BK	14mm	16.0mm
C	10mm	16.0mm
D	12mm	18.0mm
DC	12mm	16.0mm
E	8mm	13.0mm
G	PF1/2	23.8mm
J	12mm	18.0mm

Exception
B(P)M-A,Y: 0 14.0. Hex 19.0
B(P)-(E)F: 0 14.0. Hex 16.0
CM-6: 0 10.0. Hex 14.0

BC: The length from gasket contact is 53.0mm.

BK: SO / JIS standard size The length from gasket circuit to terminal

	Construction Features
L	Compact type (Short)
M	Compact type (Bantam)
P	Projected insulator type
R	Resistor type
U	Surface or semisurface discharge type
Z	Inductive resistor type

Heat Rating	
2	Hotter
4	
5	
6	
7	
8	
8.5	
9	
9.5	
10	
10.5	
11	
12	
13	Colder

	Thread Reach
E	19.0mm
EF	17.5
EH	Part threaded Total 19.0mm Thread 12.7mm
F	Taper seat type A-F Type 10.9mm B-F Type 11.2mm B-EF Type 17.5mm BM-F Type 7.8mm B-S Type 9.5mm
H	12.7mm
L	11.2mm
Z	21mm
	NO SYMBOL 18.0mmø = 12mm reach 14.0mmø = 9.5mm reach Tapered seat type: A(P)-F: 10.9 B(P)-F : 11.2 BM(P)-F : 7.8 Small type plug: B(P)M-: 9.5 B-LM : 9.5 CM-: 9.5 CM-6 :8.6 C-50:8.5

	Spark Gap
	Spark gap (mm) "No number = standard/preset" **NO SYMBOL** Motorcycle: 0.7-0.8 Car: 0.8-0.9
-8	0.8
-9	0.9
-10	1.0
-11	1.1
-13	1.3
-15	1.5
-S	Special gasket
-E	Special resistance
IX-P	Iridium MAX plug
IX-LPG	Iridium IX plug for LPG
RX-P	Premium RX plug

B C P R 6 E S -11

	Firing End Construction, etc.				
A	Special design	GV	Racing spark plug	P	Platinum electrodes
B	Integral terminal (CR8EB)	I	Single Iridium spark plug	Q	4-ground-electrodes
C	Low angle ground electrode	IX	Iridium IX spark plug	R	Special ground electrode
CM	Slant ground electrode length: 18.5)	J	2-projecting-ground electrodes	S	Standard type
CS	Slant ground electrode	K	2-ground-electrodes	T	3-ground-electrodes
D	Special design	KC	2-ground-electrodes	U	Semi-surface discharge gap
E	V-grooved centre electrode (14mm only) 1/5mm insulator	KUB	2-ground-electrodes semisurface discharge	V	Gold-palladium electrode
		L	Half heat range	VX	Platinum centre electrode & special ground electrode
ES	Standard 19mm thread reach (2.5mm) centre electrode	LM	Compact type (Insulator length: 14.5)	W	Tungsten electrode
F	Tapered seat	M	2-ground-electrodes for Mazda rotary engines	X	Booster gap
G	Fine nickel alloy centre electrode		or insulator length: 18.5mm	Y	V-grooved center electrode
GP	Platinum-Finewire (6mm)	N	Special ground electrode	Z	Special design

P F R 6 A -11 A

	Plug Type
D	High ignitabilty plug Double fine electrodes
DI	High ignitabillty plug: Double fine electrodes
I	Iridium electrode
IZ	Iridium electrode & extended gap
L	Thread Reach 26.5mm
P	Platinum electrode
PL	Platinum electrode & thread reach 26.5mm
PZ	Platinum electrode & extended gap
S	High ignitabilty plug Thin square tip type
Z	Extended Gap

	Metal Shell Size
F	14ø x 19mm, 16.0mm Hex.
FE	14ø, 19mm, 16.0mm Hex.
G	14ø x 19mm, 20.8mm Hex.
GR	14ø, 19mm, 20.8mm Hex.
J	12ø x 19mm, 18.0mm Hex.
K	12ø x 19mm, 16.0mm Hex.
KA	12ø x 19mm, 14.0mm Hex.
KB	12ø x 19mm, 14.0mm Bi-Hex.
KE	12ø, 19mm, 16.0mm Hex.
KF	12ø, 19mm, 14.0mm Hex.
KG	12ø, 19mm, 14.0mm Bi-hex.
L	10ø x 12.7mm, 16.0mm Hex.
M	10ø x 19mm, 16.0mm Hex.
MA	10ø x 19mm, 14.0mm Hex.
NA	12ø, 17.5mm, 14.0mm Hex.
T	Tapered seat type 14ø x 17.5mm, 16.0mm Hex.
U	14ø x 11.2mm, 16.0mm Hex.
W	18ø x 10.9mm, 20.8mm Hex.
X	14ø x 9.5mm, 20.8mm Hex.
Y	14ø x 11.2mm, 16.0mm Hex.x

	Construction
R	Resistor

	Construction
A.B.C	-Suffix code
I	Single Iridium
IX	Iridium IX spark plug
P	Single Platinum spark plug

When there is "I" or "P" at the beginning of after heat rating becomes suffix code.)

<Example>
IZFR6P8 is Iridium spark plug
I: Iridium
P: Suffix code

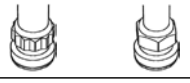
<Exception>
ZFR0P-G is nickel spark plug

	Spark gap (mm)
	Motorcycle: 0.7-0.8 Car: 0.8-0.9"
7	0.7 mm
8	0.8 mm
9	0.9 mm
10	1.0 mm
11	1.1 mm
12	1.2 mm
13	1.3 mm
14	1.4 mm
15	1.5 mm
20	2.0 mm

	Feature
A	Non gasket
B	Special
C	Special
D	Metal shell: nickel plating
E	Special resistance
G	Copper cored ground electrode
H	Special thread shape
J -K	2 ground-electrode Vibration-resistance ground electrode
N	Special ground electrode
Q	4-ground-electrode
S	Special gasket
T	3-ground-electrode
U	Semi-surface discharge type
IX-P	Iridium MAX plug
IX-LPG	Iridium IX plug for LPG car
RX-P	Premium RX plug

Exception TR5A-10. TR5A-13. TR5B-13. TR6B-10. TR6B-13. PTR5A-10. PTR5A-13 : Thread length 25.0mm
Bi-hexagonal socket is necessary.
FE. KE, KF. KG. MF : Longer exposed insulator length type

Bi-hexagonal Hexagonal



Design Symbols

RE 7 C -L

	Plug Type
RE	Plug for rotary engines
SD	Plug for rotary engines (Semi-surface discharge gap)

Heat Rating	
5	Hotter
6	
7	
8	
9	
10	
11	Colder

A.B.C - Suffix code

-L	Leading side
-T	Trading side

HB 6 A IX -11 P

	Plug Type
HB	HYBD (3-ground-electrode hybrid type)

Heat Rating	
4	Hotter
5	
6	
7	
8	Colder

	Thread diameter
A	14ø x 20.5mm, Gasket, 16.0mm Hex.
B	14ø x 19mm, Gasket, 16.0mm Hex.

IX	

	Spark gap (mm)
-8	0.8 mm
-9	0.9 mm
-10	1.0 mm
-11	1.1 mm
-13	1.3 mm

DF 6 H -11 P

	Plug Type
DF	High ignitability plug (Double fine electrodes)
DFH	High ignitability plug (DF + Hybrid type)

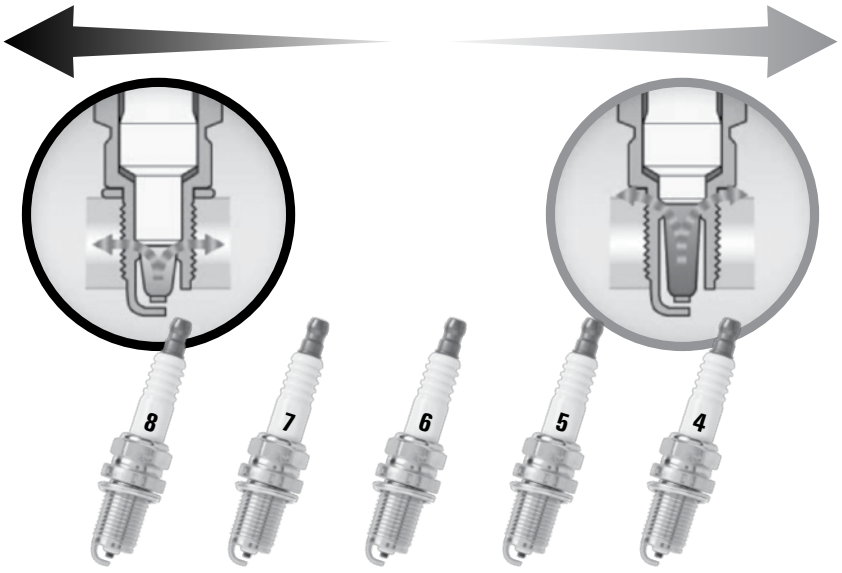
Heat Rating	
4	Hotter
5	
6	
7	
8	
9	Colder

	Thread diameter
A	14ø x 19mm, Gasket, 16.0mm Hex.
B	14ø x 26.5mm, Gasket, 16.0mm Hex.
H	12ø x 26.5mm, Gasket, 16.0mm Hex.

	Spark gap (mm)
-8	0.8 mm
-9	0.9 mm
-10	1.0 mm
-11	1.1 mm
-13	1.3 mm
-15	1.5 mm

A.B.C - Suffix code

Heat Rating and Heat Flow Path of Spark Plugs



COLD TYPE BKR8ES

BKR6ES

HOT TYPE BKR4ES

SPARK PLUG CHARACTERISTICS

VARIOUS SPARK PLUGS AND THEIR CHARACTERISTICS

Double precious metal plug (long life type)

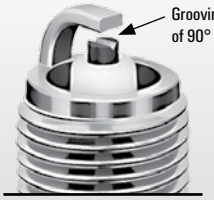
Standard plug

(Example) **BKR5ES-11**



V-grooved center electrode spark plug

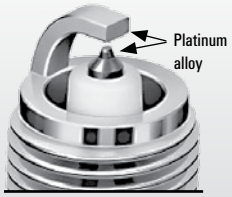
(Example) **BKR5E-11**



- Grooving is done at 90° for the center electrode and thus sparks are easily discharged.
- Since the sparks are discharged at near the periphery of the center electrode, there is less quenching action of the electrode, and ignition performance is enhanced. Therefore, it is effective during engine start-up, idling and acceleration.

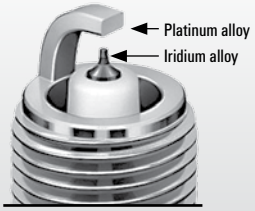
Platinum plug

(Example) **PFR5G-11**



Iridium plug

(Example) **ILTR6A-13G**



- Platinum alloy or Iridium alloy are used in the center electrode. Moreover, platinum alloy is used in discharge part of the ground electrode. This is the high performance and long life plug.

High ignitability plug

High ignitability nickel plug

(Example) **LR7D**



- The diameter of the center electrode tip is made thinner and the ground electrode is made oval shaped. Thus the flame quenching e ect is reduced and ignitability is improved.

PSPE® Plug

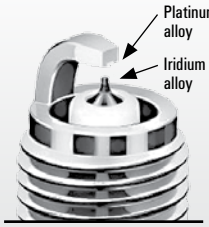
(Example) **BKR5ERX-11P**



- Compared to the conventional plugs, the ground electrode is shortened to reduce its overlap onto the center electrode, thereby reducing the flame quenching e ect and further enhancing the ignitability. It provides for excellent breakage countermeasures by suppressing overheating of the ground electrode. This is the high performance and long life plug which gives stable combustion with no abnormal combustion even in high compression engines.

SPE® Plug

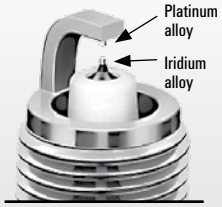
(Example) **SILFR6A**



- With a small diameter center electrode and the taper-cut design of the ground electrode, the sparks are concentrated on the tip and the flame quenching e ect is suppressed. To further ensure durability, thin square platinum alloy is welded to the ground electrode.

DFE plug (Double fine electrode)

(Example) **DILKAR7B11**



- Iridium alloy is used at the tip of the center electrode and fine wire platinum alloy is welded on the ground electrode. This design achieves a high performance and long life.

3-ground electrode hybrid type

HYBD (Hybrid 3 ground electrode plug)

(Example) **PZFR5N-11T**



- Normally sparks discharge between main electrodes. When there is carbon fouling, sparks discharge between the side electrode and the center electrode, burning out the carbon deposits on the insulator.

Multi-ground electrode plug

2-ground-electrode plug

(Example) **BKR6EK**



3-ground-electrode plug

(Example) **BKUR6ET**



4-ground-electrode plug

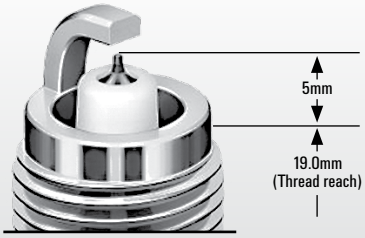
(Example) **BKR6EQUP**



- Background of making the ground electrode multi-polarized is to ensure durability by distributing the electrode consumption. Multi-electrode plug is e ective in improving the discharge characteristics (required voltage reduces).
- BKR6EQUP is a semi-surface discharge type plug. Sparks discharge along the insulator surface and burns away the carbon accumulated on the insulator. This plug has robust anti-carbon fouling performance.

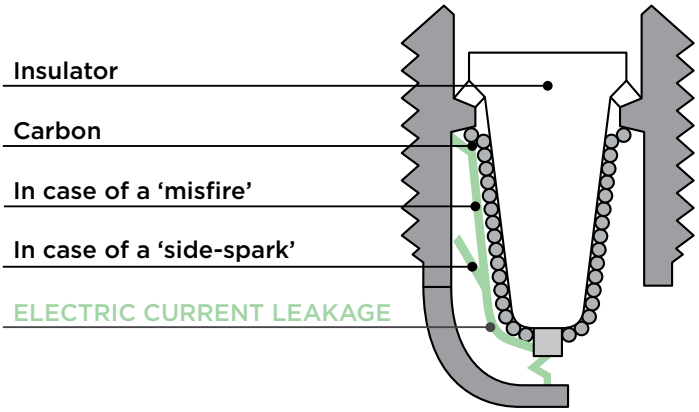
Firing end-projection type plug

(Example) **IZFR6K11** [Exteded metal shell]



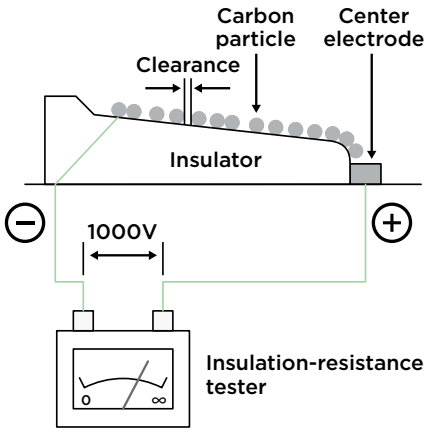
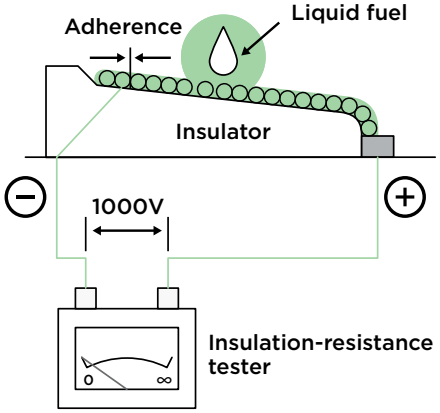
- Stable combustion can be achieved by moving the ignition position to center of the combustion chamber. However, if the projection type plug is used in engines other than those that have been specified, it will hit the piston or valve. Hence, it can only be used for specified vehicles.
- As for extended metal shell type, the ground electrode is designed shorter than the normal plug to reduce load due to heat and vibration.

Carbon fouling



- The firing end of the plug is exposed in the combustion chamber. Hence, carbon particles etc. adhere to the firing end.
- Since the carbon particles covering the firing end insulator are conductive, electric current leaks out. Therefore the high voltage that is required for electrical discharge cannot be reached between electrodes. This leads to 'side spark' which is spark discharge between the tip of the metal shell and the insulator, or 'misfire' when there is no spark discharge.

- Following figure shows the impact on insulation resistance when the insulator gets wet by liquid fuel.
- The carbon which adheres to the firing end of the plug includes dry carbon (atomized fuel) and wet carbon (liquid fuel). In case of the adherence of the dry carbon, since there is a clearance between the carbon particles, electric current does not flow between the carbon particles, and hence the decrease in the insulation resistance is less.
- However, in case of the adherence of the liquid fuel, since the carbon particles are in close contact, electric current flows through them as a result of which insulation resistance decreases.
- In short, the adherence of liquid fuel promotes the movement of the carbon particles and their close contact with each other, thus resulting in the lowering of the insulation resistance.

	Dry carbon (Atomized fuel)	Wet carbon (Liquid fuel)
Concept model diagram		
Insulation resistance	 100MΩ	 0MΩ

Wet carbon adhesion mechanism

- As mentioned above, since the plug firing end is exposed in the combustion chamber, it is always exposed to either the incoming air-fuel mixture or the fuel gas. If there is normal combustion, the firing end insulator of the plug gets heated due to the combustion gas and thereby, it is possible to keep the surface of the insulator in a dry state.
- However, if the air-fuel mixture is remarkably rich or remarkably lean, then in case of lack of ignition when the air-fuel mixture does not burn, some of the unburned air-fuel mixture sticks to the surface of the insulator and it results in a wet state as shown in the figure above.

DIAGNOSTIC CHART



Normal

Using Unleaded Petrol



Normal

Using Lead Replacement Petrol



Normal

Using Lead Replacement Petrol



Symptoms	Causes	Remedy
	Carbon Fouled 	
• Hard starting • Misfiring • Black exhaust smoke	• Rich mixture • Retarded ignition • Low compression • Too cold a spark plug	• Check float level • Check choke • Check ignition timing • Check air cleaner • Check compression • Replace spark plug with correct heat range
	Oil Fouled 	
• Hard starting • Misfiring • Grey / white exhaust smoke • Loss of oil	• Worn rings • Worn piston • Leaking valve stem seals • Over-filled oil sump	• Replace worn components • Replace spark plug with correct heat range
	Overheated 	
• "Pinking" under acceleration or climbing hills • Engine run-on after switching off	• Lean mixture • Advanced ignition timing • Too hot a spark plug	• Check jets are not clogged • Check float level • Check ignition timing • Replace spark plug with correct heat range
	Damaged 	
• Misfiring • Loss of power • Hard starting • Noise in engine	• Foreign particles inside cylinder • Broken or damaged valve	• Replace spark plugs • Remove foreign or damaged components
	Under Tightened 	
• Melted spark plug • Damaged piston crown • Damage to cylinder head	• Spark plug incorrectly torqued • Spark plug only hand tightened • Dirt or carbon in threads of cylinder head	• Replace spark plugs • Tighten spark plug to correct torque • Replace damaged components • Check compression on all cylinders
	Worn 	
• Hard starting • Reduced fuel economy	• Normal electrode wear • ±0.03mm / 1 000km • Fuel deposits (carbon, lead, additives & salts)	• Replace spark plug with correct heat range
	Corona Stain 	
• Redish brown stain above metal shell on insulator	• Oil particles suspended in the air adhere to the insulator due to high voltage Corona Stain	• No deteriation to the function of the spark plug • Change spark plug ONLY at recommended service intervals



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