

2013/14

C A T A L O G U E



Spark Plugs • Glow Plugs





Spark Plugs • Glow Plugs

C A T A L O G U E

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CAR • SUV • LCV



- DIESEL VEHICLE



Model

Type

Capacity

Year

Cylinder

Engine

Gap

Recommended
Manufacturers
Specification

Alternative
15 000km
Service Interval

ABARTH							ABARTH	
500	1.4 TURBO	1400	2011->	4	T-JET MTA	0.8	IKR9F-8	
PUNTO	1.4 16V EVO	1400	2011->	4		0.8	IKR9F-8	

ALFA ROMEO							ALFA ROMEO	
145	2.0 16V T-SPARK	2000	1995->2000	4	AR67.204	0.7,0.9	BKR6EKP+PMR7A	
146	2.0 16V T-SPARK	2000	1996->1999	4	AR67.204	0.7,0.9	BKR6EKP+PMR7A	
147	1.6 16V T-SPARK	1600	2001->	4	AR32.104	0.7,0.9	BKR6EKP+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	2.0 16V T-SPARK	2000	2000->	4	AR32.310	0.7,0.9	BKR6EKP+PMR7A	
147	3.2 GTA	3200	2004->	6	932A.000	0.8	PFR6B	BKR6E
155	2.0 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	BKR6EKP+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	BKR6EKP+PMR7A	
156	2.4 JTD	2400	2003->	5	AR32.501		Y-534J	
156	2.5 V6 24V	2500	2000->	6	AR32.401	0.8	PFR6B	BKR6E
156	3.2 GTA,SPORTWAGON	3200	2003->	6	932A.000	0.8	PFR6B	BKR6E
159	1750 TBI	1800	2009->	4	939B1000	0.6	ILKAR7D-6G	
159	1.8 TBI	1800	2009->	4	939B.1000	0.8	ILKAR7D-6G	
159	1.9 JTDM	1900	2006->	4	939A.1000		Y-534J	
159	1.9 JTS 16V	1900	2006->	4	939A.6000	0.8	FR5CP	
159	2.2 JTS 16V	2200	2006->	4	939A.5000	0.8	FR5CP	
159	2.4 JTDM	2400	2005->2007	5	939A.3000		YE07	
159	3.2 JTS 24V	3200	2006->	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	BKR6EKP+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
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->	4	939B.1000	0.6	ILKAR7D-6G	
BRERA	2.2 JTS	2200	2006->	4	939A.5000	0.8	FR5CP	
BRERA	3.2 JTS	3200	2007->	6	939A.000	1.3	PTR5A-13	
EXPORT	1.5 GL	1500	1980->1985	4		0.8	B7ES	BR7ES
EXPORT	1.5 VELOCE	1500	1980->1985	4		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	IKR9F-8	
GIULIETTA	1.4 TURBO	1400	2010->	4	198A4000	0.8	IKR9F-8	
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	BKR6EKP+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	1.0	ZKR7A-10	
MITO	1.4 TB	1400	2009->	4	940A.2000	0.8	IKR9F-8	
MITO	1.4 TB	1400	2009->	4	955A2000	0.8	IKR9F-8	
MITO	1.4 TURBO	1400	2008->	4	199A.8000	0.8	IKR9F-8	
PANEL VAN	1.5 LCV	1500	1989->	4		0.8	BPR7ES	
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	BKR6EKP+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	BKR6EKP	
SPIDER	2.2 JTS	2200	2006->	4	939A.5000	0.8	FR5CP	
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



CAR • SUV • LCV



- DIESEL VEHICLE



Model

Type

Capacity

Year

Cylinder

Engine

Gap

Recommended
Manufacturers
Specification

Alternative
15 000km
Service Interval

ALFA ROMEO

ALFA ROMEO							ALFA ROMEO	
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	R 2		Y-107R	

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	
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	1.9 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 SE 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 SE 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	1.0	BKUR6ET-10	
500	2.3 E,SE	2300	1991->1995	5	AAR	0.8	BPR6ESZ-N	BPR6ES
500	2.3 TURBO	2300	1990->	5	MC	0.8	BP6ET	BP6ES
500	2.6 AVANT	2600	1994->1995	5	ABC	1.0	BKUR6ET-10	
500	2.8 SE,SEL	2800	1994->1996	6	AAH	1.0	BKUR6ET-10	
80	1.6 GL,GLS	1600	1976->1981	4	ZF,YP,WY	0.8	BPR6ESZ-N	BPR6ES
A1	1.2 TFSI	1200	2010->	4	CBZA	0.7	IZFR6P-7	
A1	1.4 TFSI	1400	2010->	4	CAXA	0.8	PZFR6R	
A1	1.6 TDI	1600	2010->	4	CAYB		Y-1002AS	
A1	1.6 TDI	1600	2010->	4	CAYC		Y-1002AS	
A3	1.2 TFSI	1200	2010->	4	CBZB	0.7	IZFR6P-7	
A3	1.4 TFSI	1400	2007->2008	4	CAXC	0.8	PZFR6R	
A3	1.4 TFSI	1400	2010->	4	CMSA	0.8	PZFR6R	
A3	1.6 I	1600	2002->2003	4	BFQ	1.0	BKUR6ET-10	
A3	1.6 I	1600	2008->	4	CCSA	1.0	BKUR6ET-10	
A3	1.6 TDI	1600	2009->	4	CAYB		Y-1002AS	
A3	1.6 TDI	1600	2009->	4	CAYC		Y-1002AS	
A3	1.6 TFSI	1600	2010->	4	CMXA	1.0	BKUR6ET-10	
A3	1.8 20V DOHC	1800	1998->2003	4	AGN	1.0	BKUR6ET-10	
A3	1.8 I	1800	2000->2003	4	AUM	0.8	PFR6Q	BKR6E
A3	1.8 TFSI	1800	2007->	4	BYT	0.8	PFR7S8EG	
A3	1.8 TFSI	1800	2007->2008	4	BZB	0.8	PFR7S8EG	
A3	1.8 TFSI	1800	2008->	4	CDA	0.8	PFR7S8EG	
A3	1.8 TURBO	1800	1998->2003	4	AGU	1.0	BKUR6ET-10	
A3	1.9 TDI	1900	2005->2007	4	BLS		Y-607AS	
A3	2.0 A3 , S3	2000	2008->	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->2008	4	AXW,BLX	1.1	PZFR5N-11T	
A3	2.0 FSI	2000	2005->2008	4	BVZ	0.8	BKR6E	
A3	2.0 I	2000	2010->	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		YE14	
A3	2.0 TDI	2000	2003->2007	4	BKD		YE14	
A3	2.0 TDI	2000	2005->2007	4	BMM		CZ104	
A3	2.0 TDI	2000	2006->2007	4	BUY,BMN		CZ304	
A3	2.0 TDI	2000	2008->2010	4	CBAA,CBBB		Y-609AS	
A3	2.0 TDI	2000	2010->	4	CFGB		Y-1002AS	
A3	2.0 TDI	2000	2010->	4	CLJA		Y-1002AS	
A3	2.0 TFSI	2000	2005->	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	1.0	BKUR6ET-10	
A4	1.8 E 20V ESTATE,TURBO	1800	1995->2001	4	ADR,AGU,AEB	0.8	BKUR6ET	
A4	1.8 I	1800	1999->2001	4	APT	1.0	BKUR6ET-10	
A4	1.8 I	1800	2002->	4	BFB	0.8	PFR6Q	BKR6E
A4	1.8 I	1800	2002->2004	4	BEX	0.8	PFR6Q	BKR6E
A4	1.8 TFSI	1800	2008->	4	CABB,CDHB	0.8	PFR7S8EG	
A4	1.8 TURBO	1800	1998->2001	4	APU	0.8	PFR6Q	BKR6E



CAR • SUV • LCV



- DIESEL VEHICLE



Recommended
Manufacturers
Specification

Alternative
15 000km
Service Interval

Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval
AUDI								
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	2005->	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	2001->2005	4	ALT	1.0	BKUR5ETC-10	
A4	2.0 EXEC	2000	2003->2005	4	AWA	1.1	PZFR5N-11T	
A4	2.0 EXEC	2000	2005->	4	ALT	1.0	BKUR5ETC-10	
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 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	2.4 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	1.0	BKUR6ET-10	
A4	2.7 TDI	2700	2006->2009	6	BPP		Y-609AS	
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	1.0	BKUR6ET-10	
A4	3.0 QUATTRO	3000	2001->	6	ASN	0.8	BKR6EKUB	
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 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 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 TFSI	2000	2009->	4	CAEA/CDNC/CAEB	0.8	PFR7S8EG	
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 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	
A5	4.2 FSI	3200	2010->	8	CFSA	0.8	PFR7S8EG	
A5	4.2 RS5	4200	2007->	6	CAUA	0.8	PFR6W-TG	
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 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	2.2 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	

AUDI



CAR • SUV • LCV



- DIESEL VEHICLE



Model

Type

Capacity

Year

Cylinder

Engine

Gap

Recommended
Manufacturers
Specification

Alternative
15 000km
Service Interval

AUDI								AUDI	
	A6	2.6 V6 AVANT	2600	1994->1996	6	ABC	1.0	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	1.0	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	
	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	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	200->2005	8	ASG	0.8	BKR6EQUP	BKR6EQUA
	A6	4.2 FSI	4200	2000->2005	8	ANK	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 R6	4200	2002->2004	8	BCY	0.8	PFR7Q	
	A6	5.2 ,S6	5200	2006->	10	BXA	0.8	PFR6W-T	
	A7	3.0 TDI MULTI	3000	2011->	6	CDUC		Y-1002AS	
	A7	3.0 TFSI	3000	2010->2010	6	CGWB	0.8	PFR8S8EG	
	A7	3.0 TFSI	3000	2011->	6	CGXB	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 TFSI	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 ,S8	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	2.6 EXEC	2600	1994->2000	6	ABC	1.0	BKUR6ET-10	
	CABRIO	2.8 E COUPE	2800	1992->2000	6	AAH	1.0	BKUR6ET-10	
	Q3	2.0 TFSI	2000	2011->	4	CCZC	0.8	PFR7S8EG	
	Q3	2.0 TFSI	2000	2011->	4	CPSA	0.8	PFR7S8EG	
	Q3	2.0 TDI	2000	2011->	4	CFFB		Y-1002AS	
	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 TFSI	2000	2008->	4	CDNC	0.8	PFR7S8EG	
	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	3.2 FSI	3200	2008->	6	CALB	1.1	PFR6X-11	
	Q7	3.0 TDI	3000	2006->	6	BUG		Y-609AS	
	Q7	3.0 TDI	3000	2007->2010	6	CASA		Y-609AS	
	Q7	3.6 QUATRO	3600	2006->	6	BHK	0.8	ILZKR7A	
	Q7	4.2 QUATRO	4200	2006->	8	BAR	0.8	PFR6W-TG	

AUDI



CAR • SUV • LCV



- DIESEL VEHICLE



Model

Type

Capacity

Year

Cylinder

Engine

Gap

Recommended
Manufacturers
Specification

Alternative
15 000km
Service Interval

AUDI							AUDI		
	Q7	4.2 TDI	4200	2007->	8	BTR	0.8	Y-609AS	
	Q7	4.2 TDI	4200	2009->2010	8	CCFA	0.8	Y-609AS	
	Q7	6.0 TDI	6000	2008->	12	CCGA	0.8	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	
	R 8	4.2 FSI	4200	2007->	8	BYH	0.8	PFR7W-TG	
	R 8	5.2 FSI	5200	2009->2010	10	BUJ	0.8	PFR7W-TG	
	R 8	5.2 FSI	5200	2010->	10	BUJ	0.8	PFR7S8EG	
	R 8	5.2 GT	5200	2010->	10	CMPA	0.8	PFR7S8EG	
	RS2	2.2 AVANT	2200	1994->1995	5	ADU	0.8	PFR7B	
	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	2010->	8	CFSA	0.8	PFR7S8EG	
	RS6	4.2 QUATTRO	4200	2003->2004	8	BCY	0.8	PFR7Q	
	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 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->	6	CAKA	0.8	PFR8S8EG	
	S4	3.0 TFSI	3000	2009->	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	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 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	
	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 TDI	2000	2008->	4	CBBB	0.8	Y-609AS	
	TT	2.0 TDI	2000	2010->	4	CFGB	0.8	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	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	0.8	Y-924J	
	BRAVA	2.2 4X4	2200	1998->	4		0.8	Y-306R	
	CF	2.0 D	2000	1979->1979	4		0.8	Y-403T	
	CF	2.0 D	2000	1979->1981	4		0.8	Y-208T	
	CF	2.3 D	2300	1981->	4		0.8	Y-924J	
	MIDI	2.0 TD	2000	1988->1990	4		0.8	Y-307R	
	MIDI	2.0 TD	2000	1988->1990	4		0.8	Y-711RS	
	MIDI	2.2 D	2200	1988->1990	4		0.8	Y-307R	
	MIDI	2.2 D	2200	1988->1990	4		0.8	Y-711RS	

BEDFORD



CAR • SUV • LCV



- DIESEL VEHICLE



Model

Type

Capacity

Year

Cylinder

Engine

Gap

Recommended
Manufacturers
Specification

Alternative
15 000km
Service Interval

BENTLEY

BENTLEY

ARNAGE	4.4 V8	4400	2001->	8	M62B44	0.8	BKR6EQU	BKR6EQUA
ARNAGE	6.8 V8	6800	2002->	8	RR,R	0.9	BKR4EVX	
ARNAGE	6.8 V8	6800	2002->	8	T	0.9	BKR5EVX	
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	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	1600	2011->	4	N13 B16 A	0.8	PLZKBR7A-G	
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	1600	2011->	4	N13 B16 A	0.8	PLZKBR7A-G	
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	ZKBR7AP-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 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	125 I E88 CABRIO	3000	2008->	6	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 TI E87	3000	2007->	6		0.8	ZKBR7AP-HTU	ZKBR7A-HTU
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 TI E46/5	1800	2003->2004	4	N46 B18	1.1	IZFR6H-11	
3 SERIES	318 I E91 TOURING	2000	2006->	4	N46 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->	4	M43 B19	0.8	BKR6EQU	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->	4	M42 B20	0.8	BKR6EQU	BKR6EQUA
3 SERIES	320 CI E46	2200	2000->2005	6	M54 B22	0.8	BKR6EQU	BKR6EQUA
3 SERIES	320 D E46/4	2000	2000->2005	4	M47ND20		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 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	N46 B20	1.1	IZFR6H-11	
3 SERIES	320 I E91 TOURING	2000	2005->	4	N46 B20	1.1	IZFR6H-11	
3 SERIES	320 I E92	2000	2007->	4	N43 B20	0.8	ZKBR7AP-HTU	ZKBR7A-HTU
3 SERIES	320 I CI E46	2000	1999->2000	6	M52 B20	0.8	BKR6EQU	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	N46 B20	1.1	IZFR6H-11	
3 SERIES	323 CI E46	2500	1999->	6	M52 B25	0.8	BKR6EQU	BKR6EQUA
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	BKR6EQU	BKR6EQUA
3 SERIES	323 I E90	2500	2004->	6	N52B30	1.1	PLZFR6A-11S	
3 SERIES	325 CI E43/2	2500	2001->	6	M54 B25	0.8	BKR6EQU	BKR6EQUA
3 SERIES	325 D E91	3000	2006->	6	M57 N2D30		Y-547AS	
3 SERIES	325 I E92	2500	2006->	6	N52 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	BKR6EQU	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	BKR6EQU	BKR6EQUA
3 SERIES	328 I CI E46	2800	1999->	6	B52 B28	0.8	BKR6EQU	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	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	BKR6EQU	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	



CAR • SUV • LCV



- DIESEL VEHICLE



Recommended
Manufacturers
Specification

Alternative
15 000km
Service Interval

Model

Type

Capacity

Year

Cylinder

Engine

Gap

BMW							BMW	
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 E92	3000	2006->	6	M57 N2D30		Y-547AS	
3 SERIES	335 I E92	3000	2007->	6	N54 B30A	0.8	ZKBR7AP-HTU	ZKBR7A-HTU
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 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 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
5 SERIES	525 I E60	2500	2003->	6	M54 B25	0.8	BKR6EQUP	BKR6EQUA
5 SERIES	525 I E60N	2500	2007->	6	N53 B25	0.8	ZKBR7AP-HTU	ZKBR7A-HTU
5 SERIES	525 I E61N	2500	2007->	6	N53 B25	0.8	ZKBR7AP-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 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	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 I E60	4800	2005->	8	N62 B48	1.1	IZFR6H-11	
6 SERIES	635 CSI E24	3400	1982->1988	6	M30 B34	0.8	BPR5ES	BP5ES
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	
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 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	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	760 I E65	6000	2004->2007	12	N73 B60	0.8	BKR6EQUP	BKR6EQUA
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

BMW



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- DIESEL VEHICLE



Capacity



Year



Cylinder



Engine



Gap



Recommended
Manufacturers
Specification



Alternative
15 000km
Service Interval

BMW

BMW							BMW	
Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval
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 181 E84	2000	2009->	4	N46 B20	1.1	IZFR6H-11	
X SERIES	X1 251 E84	3000	2009->	6	N52 B30	1.1	PLZFR6A-11S	
X SERIES	X1 281 E84	3000	2009->	6	N52 B30	1.1	PLZFR6A-11S	
X SERIES	X3 20D E83	2000	2005->	4	M47 N D20		Y-547AS	
X SERIES	X3 20I E83	2000	2005->	4	N46 B20	1.1	IZFR6H-11	
X SERIES	X3 25I E83	2500	2004->	6	M54 B25	0.8	BKR6EQUP	BKR6EQUA
X SERIES	X3 25I E83	2500	2005->	6	M54 B25	0.8	BKR6EQUP	BKR6EQUA
X SERIES	X3 25SI E83	2500	2006->	6	N52 B25	1.1	ILZFR6D-11	
X SERIES	X3 30D E83	3000	2006->	6	M57 N2 D30		Y-547AS	
X SERIES	X3 30I E83	3000	2004->	6	M54 B30	0.8	BKR6EQUP	BKR6EQUA
X SERIES	X3 30SI E83	3000	2006->	6	N52 B30	1.1	ILZFR6D-11	
X SERIES	X3 30I E83	3000	2004->	6	M54 B30	0.8	BKR6EQUP	BKR6EQUA
X SERIES	X3 30I E70	3000	2007->	6	N52 B30	1.1	IZFR6D-11	
X SERIES	X5 48I E70	4800	2007->	8	N62 B48	1.1	IZFR6H-11	
X SERIES	X5 30D E53	3000	2001->2003	6	M57 D30		Y-507J	
X SERIES	X5 30D E53	3000	2004->	6	M57 N D30		Y-547AS	
X SERIES	X5 30D E70	3000	2007->	6	M57 N2 D30		Y-547AS	
X SERIES	X5 30I E70	3000	2007->	6	N52 B30	1.1	ILZFR6D-11	
X SERIES	X5 30I E53	3000	1999->2006	6	M54 B30	0.8	BKR6EQUP	BKR6EQUA
X SERIES	X5 30I E53	3000	2001->	6	M54 B30	0.8	BKR6EQUP	BKR6EQUA
X SERIES	X5 44I E53	4400	2001->2004	8	M62 B44	0.8	BKR6EQUP	BKR6EQUA
X SERIES	X5 46IS E53	4600	2003->2004	8	M62 B46	0.8	BKR6EQUP	BKR6EQUA
X SERIES	X5 48IS E53	4800	2004->2007	8	N62 B48	1.1	IZFR6H-11	
X SERIES	X5 44I E53	4400	2003->2006	8	N62 B44	0.8	BKR6EQUP	BKR6EQUA
X SERIES	X5 48I E53	4800	2003->2006	8	N62 B48	1.1	IZFR6H-11	
X SERIES	X6 30I 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	DCPR8EK	
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	DCPR8EK	
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	
Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval
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	TR55	
LACROSSE	3.6 FI	3600	2005->	6	V6 7 FI 217	1.0	PLTR6A-10G	
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	
Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval
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	TR55	
SEVILLE STS	4.6 SI	4600	2000->	8		1.3	PTR5C-13	
SRX	3.6 I V6	3600	2006->	6		1.0	PLTR6A-10G	

CAM							CAM	
Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval
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



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Recommended
Manufacturers
Specification

Alternative
15 000km
Service Interval

Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval
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
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								
STAR	1.0 I	1000	2000->	4	JL472Q	0.8	BKR5ES	
STAR	1.3 I	1300	2004->	4	JL474Q	0.8	BKR6E	

CHERRY								
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	2.0 I	2000	2008->	4		0.8	BCPR6ET	BCPR6ES

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	DOHC	1.1	BKR6E-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	PZFR6F-11	ZFR6F-11
AVEO	1.6 LT	1600	2009->	4	L4 EFI	1.1	ZFR6F-11	
BLAZER	4.3 V6	4300	2003->	6	EFI	1.5	PZTR5A-15	
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	2.4 I	2400	2006->	4	Z24SED	0.8	BKR5EK	
CAPTIVA	3.2 I	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	TR55	
CORVETTE	5.7 V8	5700	1996->	8	EFI	1.5	TR55	
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	1.6 I	1600	2009->	4	F16D4	1.1	ZFR6F-11	
CRUZE	1.6 I	1600	2009->	4	F16D4	1.1	ZFR6F-11	
CRUZE	1.8 I	1800	2009->	4	F18D4	1.1	ZFR6F-11	
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		1.5	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
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-11	
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	1.4 I	1400	2012->	4	14XER	1.1	ZFR5F-11	
SONIC	1.6 I	1600	2012->	4	F16D4	1.1	ZFR5F-11	

CHEVROLET



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Capacity

Year

Cylinder

Engine

Gap

Recommended
Manufacturers
Specification

Alternative
15 000km
Service Interval

Model

Type

CHEVROLET

Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval
SPARK	0.8 LS	800	2003->2005	3	F8CV	1.1	BPR6E-11	
SPARK	1.0 L	1000	2005->	4	B10S	1.1	BPR5EY-11	
SPARK	1.2 L	1200	2011->	4		0.8	DCPR8E	
TAHOE	5.3 V8 FI	5300	2006->	8	LY5	1.5	TR55IX	BPR5EFS-13
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	1.6 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		CZ22	
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

Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval
300C	2.7 LX V6	2700	2006->	6	DFI	1.3	PLZTR5A-13	LZTR5A-13
300C	3.5 LI V6	3500	2006->	6	G FI	1.3	ZFR5LP-13G	
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		1.0	FR5-1	
CHEROKEE	4.7 I V8	4700	2001->	8		1.1	BKR5E-11	
CROSSFIRE	3.2 ROADSTER	3200	2004->	6	MERC ENG	1.0	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->	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	LZTR4AIX-11	
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	LZTR5A-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
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	LZTR4AIX-11	
JEEP CHEROKEE	2.8 TD	2800	2004->	4	KJ		Y-745U	
JEEP WRANGLER	2.4 I	2400	2006->	4	L4 1FI	1.1	LZTR4AIX-11	
JEEP WRANGLER	2.5 I	2500	2001->	4	EPE	1.0	FR5-1	
JEEP WRANGLER	3.8 V6 RUBICON	3800	2007->	6	FI	1.3	LZTR5A-13	
JEEP WRANGLER	4.0 I	4000	2001->	6	ERH	1.0	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	

CHEVROLET



CAR • SUV • LCV



- DIESEL VEHICLE



Recommended
Manufacturers
Specification

Alternative
15 000km
Service Interval

Model

Type

Capacity

Year

Cylinder

Engine

Gap

CHRYSLER							CHRYSLER	
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	2.7 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	BPR5E5	BP5E5
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	BPR6E5	BP6E5
VOYAGER 1	3.0 I	3000	1988->	6	EFA	1.1	BPR5E5-11	
VOYAGER 2	2.0 I	2000	1997->2001	4	ECB	0.8	BKR6E	
VOYAGER 2	2.5 I	2500	1992->	6	EDM	0.8	BPR6E5	BP6E5
VOYAGER 2	3.3 I	3300	1994->	6	EGA	0.8	BPR5EY	
VOYAGER 3	2.4 SE	2400	2000->	4	EDZ	1.1	BKR5E5-11	
VOYAGER 3	3.3 SE	3300	1997->	6	EGA	0.8	BPR5EY	
VOYAGER 3	3.3 SE	3300	2001->	6	EGA	1.3	LZTR5A-13	

CITROEN							CITROEN	
AIRCROSS	2.0 I	2000	2012->	4	4A92	1.1	DILFR5A-11	
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	PLZKBR7A-G	
BERLINGO	1.6 I 16V	1600	2001->	4	TU5JP4	0.9	LF6B	
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->	3	384F	1.1	LF6C-11	
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	LF6B	
C25	1.9 D	1900	1987->1994	4	D9B		Y-924J	
C25	2.5 TD	2500	1987->1994	4	CRD93LS		Y-208T	
C3	1.4 95 VTI	1400	2008->	4	EP3	0.8	PLZKBR7A-G	
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	PLZKBR7A-G	
C3	1.6 16V	1600	2002->	4	TU5JP4 NFU	0.9	LF6B	
C3	1.6 D	1600	2005->	4	DV6TED4		YE-05	
C3	1.6 HDI	1600	2006->	4	DV4TED6		YE-05	
C3	1.6 HDI	1600	2009->	4	DV6CTED4		Y-8001AS	
C3	1.6 VTI	1600	2002->	4	TU5JP	0.9	LF6B	
C3	1.6 VTI COMFORT	1600	2008->	4	EP6	0.8	PLZKBR7A-G	
C4	1.6 16V	1600	2005->	4	TU5JP4 NFU	0.9	LF6B	
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	PLZKBR7A-G	
C4	1.6 VTI	1600	2010->	4	EP6C	0.8	PLZKBR7A-G	
C4	2.0 16V	2000	2005->	4	EW10A	0.9	LF6B	
C4	2.0 HDI	2000	2008->	4	DW10BTED4		Y-1005J	
C4	2.0 TD	2000	2004->	4	DW10BTED4		Y-504J	
C5	1.6 THP	1600	2009->	4	EP6CDT	0.8	PLZKBR7A-G	
C5	2.0 16V	2000	2001->	4	EW10J4 RFN	0.9	LF6B	
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	LF6B-11
C6	3.0 V6 24V	3000	2005->	6	XVF	0.8	ILZFR5B	
C8	2.0 HDI 16V	2000	2002->	4	DW10TED4/RHT		Y-504J	
C8	2.0 LX	2000	2002->	4	EW10J4-RFN	0.9	LF6B	
C8	2.2 HDI 16V	2200	2002->	4	DW12TED4/4HW		Y-504J	
C8	2.2 LI	2200	2002->	4	EW12J4-352	0.9	LF6B	
DISPATCH	2.0 TD	2000	2000->	4	DW10		Y-504R	
DS3	1.4 I	1400	2010->	4	EP3C	0.8	PLZKBR7A-G	

CITROEN



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Model

Type

Capacity

Year

Cylinder

Engine

Gap

Recommended
Manufacturers
Specification

Alternative
15 000km
Service Interval

CITROEN

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DS3	1.6 HDI 90	1600	2009->	4	DV6C		Y-8001AS
DS3	1.6 THP	1600	2010->	4	EP6DT/EP6CDT	0.8	PLZKBR7A-G
DS3	1.6 VTI	1600	2010->	4	EP6C	0.8	PLZKBR7A-G
DS4	1.6 120 VTI	1600	2011->	4	EP6C	0.8	PLZKBR7A-G
DS4	1.6 155 THP	1600	2011->	4	EP6DT / EP6CDT	0.8	PLZKBR7A-G
DS4	1.6 200 THP	1600	2011->	4	EP6CDTX	0.8	ILZKBR7A-8G
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	PLZKBR7A-G
DS5	1.6 200 THP	1600	2011->	4	EP6CDTX	0.8	ILZKBR7A-G
DS5	2.0 HDI	2000	2011->	4	DW10CTED4		Y-8001AS
PICASSO	1.6 16V	1600	2001->	4	TU5JP4 NFU	0.9	LF6B
PICASSO	1.6 8V	1600	2000->	4	TU5JP NFZ,NFV	0.8	BKR6EZ
PICASSO	1.6 120 VTI	1600	2009->	4	EP6	0.8	PLZKBR7A-G
PICASSO	1.8 16V	1800	2001->	4	EW7J4 6FZ	0.9	LF6B
PICASSO	2.0 16V	2000	2003->	4	EW10J4 RFM	0.9	LF6B
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	LF6B
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	LF6B

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

DAEWOO

DAEWOO

CIELO	1.5 16V GLX	1500	1996->1998	4	A15MF DOHC	1.1	BKR6E-11	
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	BKR6E-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	
FERROZA	1.6 I	1600	1998->1999	4	HD-E	1.1	BKR6E-11	
GRAN MOVE	1.5 FI	1500	1998->2001	4	HE-EG	1.1	BKR6E-11	
MATERIA	1.3 FI	1300	2007->	4	K3-VE	0.8	IKR7D	
MATERIA	1.5 FI	1500	2006->2007	4	3S2-VE	0.8	IKR7D	
MOVE	0.66 I	660	2007->	3	KF-VE	0.7	LKR7C	
MOVE	0.8 I	800	1997->2000	3	ED20	1.1	BPR5EY-11	
ROCKY	2.0 I	2000	1997->	4	F80V	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	BKR6EK	
SIRION	1.0 I	1000	2005->	3	1KR-FE	1.1	LF6C-11	
SIRION	1.3 I	1300	2000->2005	4	K3-VE 2	1.0	BKR6ETB-10	



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Recommended
Manufacturers
Specification

Alternative
15 000km
Service Interval

DAIHATSU						DAIHATSU			
Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval	
SIRION	1.3 I	1300	2005->	4	K3-VE	1.1	IFR6T-11	BKR6E-11	
SIRION	1.3 I	1300	2008->	4	K3-VE	0.8	IKR7D		
SIRION	1.5 I	1500	2007->	4	3S-ZVE	0.9	IKR7D		
TERIOS	1.3 I	1300	1997->2000	4	HC-EJ	0.8	BKUR6EK		
TERIOS	1.3 I	1300	2000->2005	4	K3-VE	1.0	BKUR6ETB-10		
TERIOS	1.3 I	1300	2008->	4	K3-VE	1.1	BKR6EY-11		
TERIOS	1.5 I	1500	2006->2007	4	3S2-VE	0.8	IKR7D		
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	BKR6E-11	
YRV	1.3 TURBO	1300	2002->	4	K3-VET	1.1	PRR6G-11	BKR6E-11	

DAIMLER						DAIMLER			
Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval	
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	

DODGE						DODGE			
Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval	
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	LZTR5A-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	LZTR5A-13		
JOURNEY	3.6 V6	3600	2012->	6	ERB	0.8	ILKR7B-8		
MAGNUM	6.1 SRT8 FI	6100	2006->	8	WFI	1.3	LZTR5A-13		
NITRO	3.7 V6	3700	2008->	6	KFI	1.1	ZFR6F-11		
NITRO	4.0 V6	4000	2008->	6	RT FI	1.3	ZFR5LP-13G		
STEALTH	3.0 V6	3000	2003->	6	6G72	1.1	BPR5E5-11		
VIPER	8.4 SRT 10	8400	2009->	10	V10	1.3	LZTR5AIX-13		

FERRARI						FERRARI			
Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval	
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			
Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval	
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	1.0	ZKR7A-10		
500	1.4 I	1400	2007->	4	169A.3000	1.0	DCPR7E-N-10		
500	1.4 I	1400	2008->	4	198A.1000	0.8	IKR9F-8		
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	IKR9F-8		
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	2.0 FI	2000	1999->2001	4	182A.1000	0.7	BKR6EK		
BRAVO 1.9	1.9 JTD	1900	1998->1999	4	182B.4000		Y-747U		
CROMA	2.2 16V	2200	2000->	4		0.8	FR5CP		
CROMA	2.2 I	2200	2005->	4	194A.1000	1.0	LTR6B-10T		
CROMA	2.2 I	2200	2006->	4		1.3	PTR5A-13		
DOBLO	1.2 8V	1200	2005->	4	223A.5000	1.0	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	1.0	DCPR7E-N-10		
DOBLO	1.3 MULTI JET	1300	2010->	4	199A3000/263A2000		Y-8003J		
DOBLO	1.4 CARGO	1400	2010->	4	843A1.000	1.0	DCPR7E-N-10		
DOBLO	1.4 P/VAN	1400	2005->	4	350A.1000	1.0	ZKR7A-10		
DOBLO	1.6 P/VAN	1600	2000->2005	4	182B.6000	0.8	BKR5EZ		

FIAT



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Model

Type

Capacity

Year

Cylinder

Engine

Gap

Recommended
Manufacturers
Specification

Alternative
15 000km
Service Interval

FIAT							FIAT
	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
	FIORINO	1.3 TDI	1300	2007->	4	199A2000	Y-8003J
	FIORINO	1.4 I	1400	1993->	4	160.A1.046	0.8 BPR5ES
	GRANDE PUNTO	1.2 I	1200	2006->	4	199A.4000	1.0 ZKR7A-10
	GRANDE PUNTO	1.3 TD	1300	2006->	4	188A.9000	YE06
	GRANDE PUNTO	1.4 16V	1400	2006->	4	199A.6000	1.0 ZKR7A-10
	GRANDE PUNTO	1.4 16V	1400	2007->	4	198A.4000	0.8 IKR9F-8
	GRANDE PUNTO	1.4 EL	1400	2005->	4	350A.1000	1.0 ZKR7A-10
	GRANDE PUNTO	1.9 D	1900	2006->	4	188A7000	Y-534J
	IDEA	1.2 16V	1200	2005->	4	188A.5000	1.0 DCPR7E-N-10
	IDEA	1.4 16V	1400	2003->2005	4	843A.1000	1.0 DCPR7E-N-10
	IDEA	1.4 16V	1400	2005->	4	843A.1000	1.0 DCPR7E-N-10
	LINEA	1.4 I	1400	2007->	4	350A1000	1.0 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
	PALIO	1.2 16V	1200	2002->	4	188A.5000	1.0 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	1.0 DCPR7E-N-10
	PANDA	1.2 EL	1200	2006->	4	199A.4000	1.0 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	1.0 DCPR7E-N-10
	PUNTO	1.2 16V	1200	2004->	4	188A.5000	1.0 DCPR7E-N-10
	PUNTO	1.2 EVO	1200	2010->	4	199A.4000	1.0 ZKR7A-10
	PUNTO	1.3 JTD	1300	2004->	4	188A.9000	YE06
	PUNTO	1.4 16V EVO MULTI AIR	1400	2010->	4	843A.1000	1.0 DCPR7E-N-10
	PUNTO	1.4 EVO	1400	2010->	4	350A.1000	1.0 ZKR7A-10
	PUNTO	1.4 L	1400	1993->1999	4	176A.4000	0.8 BCPR6ET
	PUNTO	1.4 L 16V	1400	2003->	4	843A.1000	1.0 DCPR7E-N-10
	PUNTO	1.8 HGT	1800	2002->	4	188A.1000	0.8 BKR6EK
	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	1.0 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->2005	4	188A.4000	0.8 BKR5EZ
	STRADA	1.2 I	1200	2004->	4	178B.7045	1.0 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
	UNO	1.4 MIA	1400	1998->2000	4		0.8 BPR6ES
	UNO	1.4 PACER CARB	1400	1990->2000	4	160A1	0.8 BPR6ES
	UNO	1.4 TEMPO	1400	1998->2000	4		0.8 BPR6ES
	UNO	1.4 TURBO	1400	1990->1998	4	146A8.046	0.8 BCPR6ET

FIAT



CAR • SUV • LCV



- DIESEL VEHICLE



Recommended
Manufacturers
Specification

Alternative
15 000km
Service Interval

Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval
FORD								
3000	3.0 1TONNER	3000	1997->1986	6	ESSEX	0.8	BPR6ES	BP6ES
BANTAM	1.3 I	1300	2003->	4	ROCAM	1.0	TR6B-10	
BANTAM	1.3 PICK-UP	1300	1983->1986	4	KENT	0.8	BPR6ES	BP6ES
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	1.3	TR5B-13	
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	R 2		Y-107R	
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 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-107R	
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
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	
EXPLORER SPORT	4.0 XLT V6	4000	2006->	6	KFI	0.8	TR6	
F100	3.9 L	3900	1966->1981	6		0.8	AP6FS	APR6FS
F150	4.6 XL V8	4600	2006->2009	8	WFI	1.3	ITR5F-13	BPR5EFS-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	BKR6E-11
F150	5.4 XL	5400	2009->	8	V8V	1.1	ZNAR6AIX-11	
F250	4.2 SE V6	4200	2005->	6		1.0	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 I V6	4200	2005->	6		1.0	TR5-1	
F350	4.9 V8 LCV	4900	1974->1981	8		0.8	AP6FS	APR6FS
FAIRMONT	4.0 L VR6	4000	2003->	8		1.3	IGR5C-13	
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	1.3 FUN,FLAIR	1300	1997->1998	4	HCS ENDURA	0.8	BPR6EFS	
FIESTA	1.3 L	1300	2002->	4	ROCAM	1.0	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 TD	1400	2006->	4	F6JA,F6JB D4TD		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 SPORT,RSI	1600	1999->	4	ROCAM	1.0	TR6B-10	
FIESTA	1.6 TDCI	1600	2005->	4	DURATORQ		YE04	
FIGO	1.4 I	1400	2011->	4	DURATEC	1.3	TR5B-13	
FIGO	1.6 I	1600	2011->	4	DURATEC	1.3	TR5B-13	
FOCUS	1.6 C-MAX	1600	2004->	4	DURATEC	1.3	TR5B-13	
FOCUS	1.6 I	1600	2003->	4	DURATEC HWDA	1.3	PTR5A-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	1.7 ST	2000	2003->	4	ZH20 ZETEC E	1.3	PTR5A-13	

FORD



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- DIESEL VEHICLE



Capacity

Year

Cylinder

Engine

Gap

Recommended
Manufacturers
Specification

Alternative
15 000km
Service Interval

Model

Type

FORD							FORD		
	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	ITR6F-13	BPR6EF-13
	FOCUS	1.8 TDCI	1800	1998->2004	4	ENDURA,DURATOR		Y-524J	
	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 TDCI	2000	2004->2007	4	G6DA,G6DB,G6DD		Y-1005J	
	FOCUS	2.0 TDCI	2000	2011->	4			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	LF6B
	FOCUS	2.5 ST	2500	2006->	5	B5254T4 HYDA DURATEC	1.1	PLFR6A-11	LF6A-11
	GALAXY	1.9 TDI	1900	1999->2000	4	AVG, ANU		Y-732J	
	GRANADA	2.0 GL, GLE	2000	1978->1985	4	KOLN	0.8	AP6F5	APR6F5
	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	BPR7ES	
	IKON	1.3 I	1300	2002->	4	ROCAM	1.3	TR5B-13	
	IKON	1.6 I	1600	2002->	4	ROCAM	1.0	TR6B-10	
	KA	1.2 I	1200	2008->	4	FP4	1.0	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	2.0 TDCI	2000	2011->	4	DURATORQ		Y-1005J	
	KUGA	2.5 TURBO	2500	2011->	5	DURATEC	0.8	ILFR6B	LF6B
	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	BCP6ES	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	BCP6ES	BCP6ES
	LASER	2.0 I RS 16V	2000	1991->1994	4	FE-EGI T/C	0.8	BCP6ES	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	BCP6E	
	METEOR	1.5 GL, GLS	1500	1986->1989	4	E5 + B5	0.8	BPR5ES	BP5ES
	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	BCP6E	
	METEOR	2.0 GLI 16V	2000	1991->1994	4	FE-EGI T/C	0.8	BCP6E	
	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	PTR6F-13	
	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	AP6F5	APR6F5
	RANCHERO	4.9 V8	4900	1988->	8		0.8	BP6F5	BPR6F5
	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	2.3 XLT	2300	2009->	4	DFI	1.3	ITR5F-13	BPR5EFS-13
	RANGER	2.5 D	2500	1999->2002	4	WL		Y-701J	
	RANGER	2.5 TD	2500	1999->2002	4	WL-T		Y-701J	
	RANGER	2.5 XL	2500	2009->	4	DFI	1.3	ITR5F-13	BPR5EFS-13
	RANGER	2.6 L 12V	2600	1999->	4		0.8	BKR5E	
	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	APR6F5	
	SAPPHIRE	2.0 I GLI, EXEC	2000	1989->1993	4	KOLN	0.8	APR6F5	
	SAPPHIRE	3.0 GHIA	3000	1991->1993	6	ESSEX	0.8	BPR7ES	
	SAPPHIRE	3.0 GLX	3000	1989->1993	6	ESSEX	0.8	BPR7ES	

FORD



CAR • SUV • LCV



- DIESEL VEHICLE



Model

Type

Capacity

Year

Cylinder

Engine

Gap

Recommended
Manufacturers
Specification

Alternative
15 000km
Service Interval

FORD									FORD
	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 IRS	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	FR5E1-13	
	TOURNEO	1.8 D CONNECT	1800	2002->	4	HCPA DURATORQ-TDCI		Y-524J	
	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	2.0 D	2000	2000->2006	4	ABFA		Y-525J	
	TRANSIT	2.4 D	2400	2000->2006	4	DOFA		Y-525J	
	TRITON	2.6 SWB	2600	1985->1986	4	4G54	0.8	BPR6ES	BP6ES

FOTON									FOTON
	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	

GAZ									GAZ
	5601	2.2 TURBO	2200	2006->	4			Y-732J	

GEELY									GEELY
	CK	1.3 GB,GS	1300	2007->	4		0.8	BKR5ES	
	CK	1.5 GL,GT	1500	2007->	4		0.8	BKR5ES	

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	

G.M.C									G.M.C
	ENVOY	5.3 EFI	5300	2007->	8	LMG	1.5	TR55	
	YUKON	5.3 XL1500	5300	2005->	8	T/FI	1.5	TR55	
	YUKON	6.0 XL2500SE	6000	2005->	8	N/FI	1.5	TR55	
	YUKON	6.2 FI V8	6200	2006->2006	8	L92	1.1	IZTR5B-11	

G.M.C



CAR • SUV • LCV



- DIESEL VEHICLE



Model

Type

Capacity

Year

Cylinder

Engine

Gap

Recommended
Manufacturers
Specification

Alternative
15 000km
Service Interval

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-11NS	
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	3.0 LX	3000	1998->	6	J30A1	1.1	ZFR5F-11	
ACCORD	3.0 V6	3000	2006->2007	6	FI	1.1	PZFR6E-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	
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
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	
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
ELEMENT	2.4 FI	2400	2007->	4	K24A4	1.1	IZFR6K-11	ZFR6K-11
FRV	1.7 VTEC	1700	2005->	4	D17A2	1.1	ZFR6J-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	1.3 I	1300	2006->	4	L13 A6	1.1	BKR6E-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-13	
JAZZ	1.4 I DSI TWIN-SPARK	1400	2003->	4	L13A1	1.1	BKR6E-11	
JAZZ	1.5 I	1500	2006->	4		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	IZFR5K-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	IFR7G-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	

HONDA



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- DIESEL VEHICLE



Recommended
Manufacturers
Specification

Alternative
15 000km
Service Interval

Model

Type

Capacity

Year

Cylinder

Engine

Gap

HUMMER

HUMMER

H2	6.0 I V8	6000	2003->2006	8	N EFI	0.8	TR5	
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	BKR5E5-11	
ACCENT	1.3 XS, LS	1300	1996->1999	4	G4EH	0.8	BKR5E5	
ACCENT	1.5 CSI, RSI	1500	1994->1999	4	G4EK	0.8	BKR5E5-11	
ACCENT	1.5 SX	1500	2000->2006	4	G4EB	1.1	BKR5E5-11	
ACCENT	1.6 BLUE	1600	2010->	4	CFI	1.1	BKR5E5-11	
ACCENT	1.6 LX	1600	2006->	4	G4ED	1.1	BKR5E5-11	
ATOS	1.0 PRIME	1000	2001->	4	G4HC	1.1	BKR5E5-11	
ATOS	1.1 PRIME	1100	2005->	4	G4HCY	1.1	BKR5E5-11	
AZERA	3.3 V6	3300	2006->	6	G6DB	1.1	IFR5G-11	BKR5E-11
ELANTRA	1.6 GL	1600	2008->	4	HD	1.1	ZFR5F-11	
ELANTRA	1.6 GLS	1600	2007->	4	XD	0.8	BKR5E5	
ELANTRA	1.6 GLS EXEC.	1600	1993->1995	4	J1 G4DNR	0.8	BPR6ES	BP6ES
ELANTRA	1.6 GL, GLS EXEC.	1600	1996->	4	J2 G4DR	0.8	BKR5E5	
ELANTRA	1.8 GLI	1800	1996->	4	J2 G4DR	0.8	BKR5E5	
ELANTRA	1.8 GLS	1800	1994->	4	J1 G4DN	0.8	BPR6ES	BP6ES
ELANTRA	1.8 GLS	1800	1996->	4	J2 G4DN	0.8	BKR5E5	
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	
ELANTRA	2.0 TOURING	2000	2010->	4	EFI	1.1	IFR5E-11	BKR5E-11
GETZ	1.3 I	1300	2004->2008	4	G4EA	1.1	BKR5E5-11	
GETZ	1.4 I	1400	2005->2008	4	G4EEG	1.1	BKR5E5-11	
GETZ	1.5 CRD	1500	2004->	3	D3EA		Y-749J	
GETZ	1.6 GL	1600	2003->	4	J4 G4ED	1.1	BKR5E5-11	
GETZ	1.6 HS	1600	2007->	4	G4ED	0.8	BKR5E5	
H1	2.4 I	2400	2008->	4	L4	1.1	IFR5A-11	
H1	2.5 D	2500	2000->	4	D4BF,D4BH		Y-722J	
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	BKR5E5-11	
I10	1.2 I	1200	2008->	4	G4LA	0.8	PLKR7A	LKR7A
I20	1.4 FI	1400	2008->2009	4	G4FA	1.1	ZFR5F-11	
I20	1.4 FI	1400	2009->	4	G4FA	1.0	LZKR6B-10E	
I20	1.6 FI	1600	2008->	4	G4FC	1.1	ZFR5F-11	
I30	1.6 I	1600	2009->	4	G4FC	1.0	LZKR6B-10E	
I30	2.0 I	2000	2007->	4	G4GC	1.1	BKR5E5-11	
IX35	2.0 CRDI	2000	2009->	4	D4HA		Y-1003AS	
IX35	2.0 I	2000	2010->	4	G4KD	1.1	IFR5A-11	
IX35	2.4 I	2400	2010->	4	G4KE	1.1	IFR5A-11	
MATRIX	1.6 I	1600	2004->	4	G4ED	0.8	BKR5E5	
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	BKR5E5-11	
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	BPR5E5-11
SANTE FE	2.7 I	2700	2001->2005	6	G6BA-G	1.1	PFR5N-11	BKR5E-11
SONATA	2.0 GL, GLS	2000	1996->2000	4	J2	0.8	BKR5E5	
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	BP6ES
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	BKR5E5-11	
SONATA	2.4 I	2400	2010->	4	G4KE	1.1	IFR5A-11	
SONATA	2.4 L	2400	2008->	4		1.1	BKR5E5-11	
SONATA	2.5 VIVANTE	2500	1999->	6	G6BVW	1.1	PFR5N-11	BKR5E-11
SONATA	2.7 V6	2700	2003->2005	6	G6BA-G	1.1	PFR5B-11	BKR5E-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			CY57	
TERRACAN	3.5 V6	3500	2001->	6	G6CU	1.1	PFR5N-11	BKR5E-11
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	BKR5E5-11	
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	PFR5B11	BKR5E-11

HYUNDAI



CAR • SUV • LCV



- DIESEL VEHICLE



Model

Type

Capacity

Year

Cylinder

Engine

Gap

Recommended
Manufacturers
Specification

Alternative
15 000km
Service Interval

HYUNDAI							HYUNDAI	
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	PFR5N-11	BKR5E-11
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	PFR5N-11	BKR5E-11
TUCSON	3.0 V6	3000	2001->	6	XG300	1.1	PFR5J-11	BKR5E-11

INFINITI							INFINITI	
EX37 AW, FX	3.7 I	3700	2012->	6	VQ37VHR	1.1	DF8H-11B	
FX37	3.7 I	3700	2012->	6	VQ37VHR	1.1	DF8H-11B	
FX50	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	

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	
FARGO	1.8 WFR	1800	1981->1982	4	4FB1		Y-104R	
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	X2ONE	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	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
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-104R	
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

HYUNDAI



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ISUZU								ISUZU
	TROOPER	2.6 E	2600	1989->	4	4ZE1	1.1	BPR6E-11
	TROOPER	2.6 L	2600	1989->	4	4ZE1	1.1	BPR6E-11
	TROOPER	300 DTI	3000	1998->	4	4JX1		Y-711J
	TROOPER	320 LE	3200	1998->	6	6VD1	1.1	BKR6E-11

JAGUAR								JAGUAR
	E-TYPE	5.3 FI V12	5300	1971->1975	12		0.8	BPR5E5 BP5E5
	EXECUTIVE	4.2 SERIES II	4200	1974->1980	6	XJ-6	0.8	BPR5E5 BP5E5
	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	1.0	IFR5N-10
	S-TYPE	4.2 I V8	4200	2007->	8	FI	1.0	IFR5N-10
	S-TYPE	4.2 R V8	4200	2002->	8	AJ-8	1.0	IFR5N-10
	SOVEREIGN	4.0 L	4000	1989->	6	XJ-6	0.8	BCPR6E5 BCP6E5
	X-TYPE	2.0 SI V6	2000	2001->	6	AJ-6	1.3	PTR6D-13
	X-TYPE	2.2 D SE	2200	2005->	4	LJ46G		Y-525J
	X-TYPE	3.0 SI V6	3000	2005->	6	AJ-6	1.3	PTR6D-13
	XF	3.0 SI V6	3000	2008->	6	AJ-6	1.3	TR6AP-13E
	XF	5.0 I	5000	2009->	8	AJ-133	1.0	ILKAR7C-10
	XFR	5.0 I SUPERCHARGED	5000	2009->	8	AJ-133	1.0	ILKAR6C-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	BCPR6E5 BCP6E5
	XJ-6	4.0 I	4000	1990->1998	6	AJ-6	0.8	BCPR6E5 BCP6E5
	XJ-6	4.2 SERIES 3	4200	1975->1977	6	XK	0.8	BPR5E5 BP5E5
	XJ-8	3.5 S	3500	2003->	8	XJ-33	1.0	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	1.0	IFR5N-10
	XJ-8	4.2 S	4200	2003->2007	8	AJ-33	1.0	IFR5N-10
	XJ-8	5.0 I	5000	2010->	8	AJ-133	1.0	ILKAR7C-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	BCPR6E5 BCP6E5
	XJR	4.2 L	4200	2004->	8	AJ-33	1.0	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
	XJS,XJ12	5.3 V12	5300	1982->1985	12	HE-12	0.8	B8EFS
	XK	4.2 V8	4200	2005->	8	AJ-8	1.0	IFR5N-10
	XK8	4.0 V8	4000	2002->	8	AJ-26, 27	1.0	IFR5N-10
	XK8	4.2 SI	4200	2002->	8	AJ-34	1.0	IFR5N-10
	XKR-S	5.0 I	5000	2011->	8	AJ133	1.0	ILKAR7C-10
	XKR/ YK8	4.2 V8	4200	2002->2006	8	AJ-34	1.0	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	BKR5E5-11
	CARENS 3	2.0 I	2000	2007->	4	G4KA	1.1	BKR5E5-11
	CARNIVAL	2.5 L	2500	1999->	6	KV6	1.1	PFR6N-11 BKR6E-11
	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	BKR5E5
	CERATO	1.6 L	1600	2004->	4	G4ED	1.1	BKR5E5-11
	CERATO	1.6 I	1600	2006->	4	G4FC	1.1	ZFR5F-11
	CERATO	2.0 KOUP	2000	2010->	4	G4GC	1.1	BKR5E5-11
	CERATO	2.0 L	2000	2004->	4	G4GC	1.1	BKR5E5-11
	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	LF5AP-11 LFR5A-11
	MAGENTIS	2.0 I	2000	2004->	4		0.8	BPR6E5 BP6E5
	MAGENTIS	2.5 I	2500	2003->	6	G6BV	0.8	BKR5E5
	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
	PICANTO	1.0 I	1000	2004->	4	G4HE	1.1	BKR6E5-11
	PICANTO	1.1 LX	1100	2004->	4	G4HG	1.1	BKR5E5-11
	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	BPR5E5-11

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KIA								KIA	
	PRO-CCEED	2.0 FI	2000	2007->	4	G4GC	1.1	BKR5E-11	
	RIO	1.3 RS	1300	2001->	4	A2E	0.8	BPR5EY	
	RIO	1.4 CVVT	1400	2011->	4	G4FA	1.0	LZKR6B-10E	
	RIO	1.4 HATCH	1400	2005->	4	G4EE	1.1	BKR5E-11	
	RIO	1.4 L	1400	2001->	4	A3E	0.8	BPR5EY	
	RIO	1.4 S	1400	2005->	4	G4EE	1.1	BKR5E-11	
	RIO	1.5 RS	1500	2001->	4	A5D	0.8	BPR5EY	
	RIO	1.6 L	1600	2006->2010	4	L4 FI	1.1	BKR5E-11	
	RIO	1.6 LX	1600	2010->	4	L4	1.1	BKR5E-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	3.8 V6	3800	2010->	6		1.1	IFR5G-11	BKR5E-11
	SEPHIA	1.5 I LS,RS	1500	1998->2000	4		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			Y-508J	
	SORENTO	3.5 V6	3500	2003->	6	G6CU	1.1	PFR5N-11	BKR5E-11
	SORENTO	3.8 I V6	3800	2006->	6	G6DA	1.1	IFR5G-11	BKR5E-11
	SOUL	1.6 I	1600	2009->	4	G4FC	1.0	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	
	SPECTRA	1.6 LS	1600	2002->	4		0.8	BKR6E	
	SPORTAGE	2.0 CDRI	2000	2006->	4	D4EA		Y-749J	
	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	BKR6E-11	
	SPORTAGE	2.0 LX	2000	2010->	4	G4KD	1.1	PFR5N-11	BKR5E-11
	SPORTAGE	2.7 V6	2700	2010->	6		1.1	IFR5G-11	BKR5E-11
	SUPER	3.0 TITAN	3000		6	E-3000		Y-107T	
	TITAN	2.5 D	2500		4	E-2500		Y-107T	

LADA								LADA	
	NIVA	1.7 I	1700	1998->	4	BA3-21214	1.1	BPR6E5-11	
	NIVA	1.8 I	1800	1995->	4	BA3-2130	0.8	BPR6E5	BP6E5

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	
	MURCIELAGO	6.5 COUPE, ROADSTER	6500	2007->	12	L537	0.8	KR8BI	

LANCIA								LANCIA	
	BETA	2.0 COUPE	2000	1976->1984	4	828CB1A	0.8	BPR7E5	
	DELTA HF	2.0 INTEGRALE EVO.	2000	1989->	4		0.8	BPR8E5	
	KAPPA	2.0 16V TURBO	2000	1997->2001	4	838 A4000	0.8	BP6ET	BP6E5
	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	BP6E5
	THEMA	2.0 IE T 16V	2000	1992->	4	834 F2000	0.8	BP6ET	BP6E5
	THEMA	2.8 V6	2800	1987->1990	6	834 E000	0.8	BP6EFS	BPR6EFS
	THEMA	8-32	3000	1987->	8	F105L	0.9	DPR8EA-9	

LAND ROVER								LAND ROVER	
	90,110	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	BPR6E5	BP6E5
	DEFENDER	2.5 TDI	2500	1989->1998	4	200,300 GEMINI 1		Y-729U	
	DEFENDER	2.5 TDI	2500	1999->	4			Y-729U	
	DEFENDER	2.8 I	2800	1997->	6	M52	0.8	BKR6EK	
	DEFENDER	3.5 I	3500	1990->	8		0.8	BPR5E5	BP5E5
	DEFENDER	90,110,130 TDI	2500	1995->	4			Y-907R	
	DISCOVERY	2.0 I	2000	1993->	4		0.8	BKR6E	
	DISCOVERY	2.5 TD5	2500	1999->	5			Y-924J	

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Alternative
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Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval
LAND ROVER								
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	4.4 I	4400	2004->2008	8		1.0	IFR5N-10	
FREELANDER	1.8 I	1800	1998->	4		1.1	PFR6G-11	BKR6E-11
FREELANDER	2.0 I	2000	2001->2001	6	KV6		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	2.2 TD4	2200	2006->	4	DW12BTED4		YE08	
FREELANDER 2	3.2 V6	3200	2006->	6		0.8	ILFR6B	LF6B
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	R 6	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	1.0	IFR5N-10	
RANGE ROVER 4	4.4 I	4400	2005->	8	AJ41	1.0	IFR5N-10	
RANGE ROVER 4	5.0 SPORT V8	5000	2009->	8	AJ133	1.0	ILKAR6C-10	

LEXUS								
Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval
CT200	CT200H 1.8 HYB	1800	2011->	4	ZWA10R	1.1	ILKAR7B-11	LKAR7B-11
ES300	3.0 I	3000	2000->2003	6	2JZ-GE	1.1	BKR6EKP8-11	
ES300	3.0 I	3000	2004->	6	1MZ-FE	1.1	IFR6T-11	BKR6E-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	BKR6EKP8-11	
GS300	3.0 I	3000	2005->	6	3GR-FSE	1.1	IFR6T-11	BKR6E-11
GS430	4.3 I	4300	2007->	8	3UZ-FE	1.1	IFR6T-11	BKR6E-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	
IS200	2.0 I	2000	1998->	6	1G-FE	1.1	IFR6T-11	BKR6E-11
IS250	2.5 I	2500	2006->	6	4GR-FSE	1.0	DFH6B-11A	
IS300	3.0 I	3000	2002->	6	2JZ-GE	1.1	BKR6EKP8-11	
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	BKR6E-11
LS430	4.3 I	4300	2000->	8	3UZ-FE	1.1	IFR6T-11	BKR6E-11
LS460	4.6 I	4600	2006->	8	1UR-FE	1.1	ILFR6T-11	
LS460	4.6 I	4600	2006->2009	8	1UR-FSE	1.0	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	BKR6E-11
LX570	5.7 V8	5700	2009->	8	3UR-FE FI	1.1	ILFR6T-11	LF6A-11,
RX300	3.0 V6	3000	2000->2006	6	1MZ-FE	1.1	IFR6T-11	BKR6E-11
RX300	3.3 V6	3300	2004->2006	6	3MZ-FE	1.1	IFR6T-11	BKR6E-11

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Recommended
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Specification

Alternative
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Service Interval

Model

Type

Capacity

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Cylinder

Engine

Gap

LEXUS								LEXUS
RX330	3.0 V6	3000	2004->	6	1MZ-FE	1.1	IFR6T-11	BKR6E-11
RX330	3.3 V6	3300	2004->	6	3MZ-FE	1.1	IFR6T-11	BKR6E-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	BKR6E-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	BKR6E-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 1115	1800	2005->	4	2ZZ-GE	1.1	IFR6T-11	BKR6E-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	
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	
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	

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	



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- DIESEL VEHICLE



Recommended
Manufacturers
Specification

Alternative
15 000km
Service Interval

Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval
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	BPC6ES
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	R 2		Y-107R	
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->1996	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	TR551X	BPR5EF5-13
BT-50	2.5 D	2500	2007->	4			Y-701J	
BT-50	2.6 I	2600	2007->	4		0.8	BKR5E	
CX-5	2.0 I	2000	2012->	4	PE-VPS	0.8	DILKAR7F-8	
CX-5	2.2 TD	2200	2012->	4	SH-VPTS		CZ113	
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-107R	
E2200	2.2 D	2200	1993->	4	R 2		Y-107R	
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	
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 I	1500	2007->	4	ZY-VE	1.1	IFR5E-11	BKR5E-11
MAZDA 3	1.6 I	1600	2004->2009	4	Z6	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->	4	LA	1.3	ILTR5A-13G	
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



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Model

Type

Capacity

Year

Cylinder

Engine

Gap

Recommended
Manufacturers
Specification

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15 000km
Service Interval

MAZDA							MAZDA		
	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 I	2000	2005->	4	LF-VE	1.3	ILTR5A-13G	
	MAZDA 5	2.0 I	2000	2005->	4	MZR-LF	1.3	ITR5F-13	BPR5EFS-13
	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		1.3	ITR6F-13	BPR6EF-13
	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/ L5-VE	1.3	ILTR5A-13G	
	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	ZFR5F-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	1.0	BUR9EQ	
	RX-7	TWIN TURBO				13B-REV	1.0	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	
	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

MAZDA



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Recommended
Manufacturers
Specification

Alternative
15 000km
Service Interval

Model

Type

Capacity

Year

Cylinder

Engine

Gap

MERCEDES BENZ							MERCEDES BENZ		
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	1.0	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	W169 CDI	1800	2004->	4	M640.940		Y-8002AS		
A190	W168 ELEGANCE	1900	1999->	4	M166.990	1.0	BKUR6ET-10		
A200	W169	2000	2004->	4	M266.960	0.8	BKR6EZB		
A210	W168	2000	2002->	4	M166.995	1.0	BKUR5ETC-10		
B 150	W245	1500	2005->	4	M266.920	0.8	BKR6EZB		
B 170	W245	1700	2005->	4	M266.940	0.8	BKR6EZB		
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->	4	OM640.941		CZ303		
B180	W245 CDI	1800	2005->2007	4	OM640.940		Y-8002AS		
B180	W245 CDI	1800	2007->	4	OM640.940		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	1.0	IFR6D-10		
C180	W203 KOMPRESSOR	1800	2003->2006	4	M271.940	0.8	ILFR6A	LF6A-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	BCP6E	BCPR6E	
C200	W203 CGI KOMPRESSOR	1800	2003->2006	4	M271.942	0.8	ILFR6A	LF6A-11	
C200	W203 KOMPRESSOR	1800	2006->	4	M271.942	0.8	PLKR7B-8E		
C200	W203 KOMPRESSOR	2000	2000->	4	M111.920,955	1.0	IFR6D-10		
C200	W204 CGI KOMPRESSOR	1800	2007->	4	M271.950	0.8	PLKR7B-8E		
C200	W204 CDI	2200	2007->	4	OM646.812		CZ106		
C220	W204 CDI	2200	2007->	4	OM646.811		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		
C230	C230 W202	2300	1996->1998	4	M111.974	0.8	BCP6E	BCPR6E	
C230	C230 W203	1800	2004->	4	M271.948	0.8	ILFR6A	LF6A-11	
C230	C230K W202 SPORTS-COUPE	2300	1996->2000	4	M111.975	1.0	BKUR6ET-10		
C230	C230K W203 KOMPRESSOR	2300	2001->2002	4	M111.981	1.0	IFR6D-10		
C230	C230K W204	2500	2007->	6	M272.911,M272.921	0.8	PLKR7A		
C240	W202 V6 ELEGANCE	2400	1998->2000	6	M112.910	1.1	PFR5J-11	BKR5E-11	
C240	W203 V6 ELEGANCE	2600	2001->2005	6	M112.912	1.1	PFR5J-11	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->	4	M651.911		CZ303		
C250	W204 CGI	1800	2009->	4	M271.860	0.8	PLKR7B-8E		
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	1.0	IFR6D-10		
C320	W203	3200	2001->2005	6	OM112.946	1.1	PFR5R-11	BKR5E-11,	
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	OM642.830		CZ303		
C350	W204 CDI	3000	2009->	6	OM642.832		CZ303		
C350	W204 CDI	3000	2009->	6	OM642.960/961		Y-8002AS		
C350	W204 CGI	3500	2008->	6	M272.982	0.8	SILZKR7A-S		
C55	W203 AMG TWIN SPARK	5400	2004->	8	M113.988	1.0	IFR6D-10		
C63	W204 AMG	6300	2007->	8	M156.985	1.0	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	LF6A-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	1.0	ILZKAR7A-10	LZKAR7A	

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Model

Type

Capacity

Year

Cylinder

Engine

Gap

Recommended
Manufacturers
Specification

Alternative
15 000km
Service Interval

MERCEDES BENZ

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Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval
CL65	W215 AMG	6000	2003->	12	M275.980	0.8	IFR6Q-G	
CL65	W216 AMG	6000	2007->	12	M275.982	0.8	IFR6Q-G	
CLC 180	W203 KOMPRESSOR	1800	2008->	4	M271.946	0.8	ILFR6A	LF6A-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	1.0	BKUR6ET-10	
CLK230	W208 KOMPRESSOR	2300	2000->2002	4	M111.982	1.0	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	PFR5J-11	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	1.0	IFR6D-10	
CLK63	W209	6300	2006->2006	8	M156.982	1.0	ILZKAR7A-10	
CLK63	W209	6300	2007->	8	M156.982	1.0	ILZKAR7A-10	
CLS250	W218 CDI	2100	2010->	4	OM651.924		CZ303	
CLS320	W219	3000	2005->	6	OM642.920		CZ302	
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	LF6A-11
CLS63	W219 AMG	6300	2006->	8	M156.983	1.0	ILZKAR7A-10	
E200	W124	2000	1993->1995	4	M111.940	0.8	BCP6E	BCPR6E
E200	W210 KOMPRESSOR	2000	2001->2003	4	M111.957	1.0	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	LF6A-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	W211 CDI	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	PFR5J-11	BKR5E-11
E240	W210 ELEGANCE	2400	1997->1999	6	M112.911	1.1	PFR5J-11	BKR5E-11
E240	W211	2600	2003->	6	M112.917	1.1	PFR5J-11	BKR5E-11
E240	W211 V6	2600	2001->	6	M112.913	1.1	PFR5J-11	BKR5E-11
E250	W212 CGI	1800	2009->	4	M271.860	0.8	PLKR7B-8E	
E250	W212 BLUE EFFICIENCY	2200	2009->	4	OM651.924		CZ303	
E270	W210 CDI	2700	1999->	5	M612.961		Y-745U	
E270	W211 CDI	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	PFR5J-11	BKR5E-11
E280	W211	3000	2005->	6	M642.921		CZ302	
E280	W211	3000	2006->	6	M272.944	0.8	PLKR7A	
E280	W211	3200	2004->	6	M648.961		Y-745U	
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	PFR5J-11	BKR5E-11
E320	W210 CDI	3200	1999->	6	M 613.961		Y-745U	
E320	W211	3000	2005->	6	M642.920		CZ302	
E320	W211	3200	2002->	6	M112.949	1.0	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->	6	OM642.850		CZ303	
E350	W212 CDI BLUE TECH	3000	2009->	6	OM 642.850		CZ303	
E420	W211 CDI	4000	2005->	8	OM629.910		Y-8002AS	
E430	W210 ELEGANCE	4300	1998->2003	8	M113.940	1.1	PFR5J-11	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	LF6A-11

MERCEDDES BENZ



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Recommended
Manufacturers
Specification

Alternative
15 000km
Service Interval

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Manufacturers
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E63	W211 AMG	6300	2006->	8	M156.983	1.0	ILZKAR7A-10	LZKAR7A	
G270	2.7 D 461	2700	2001->	5	OM612.965		Y-745U		
G290	2.9 D 461	2900	1993->	6	OM 602.942/947		Y-916J		
G300	3.0 D 463	3000	1993->	6	OM 603.931		Y-916J		
G300	3.0 DT 463	3000	1996->	6	OM 606.964		Y-925J		
G320	3.0 DT 463	3000	2006->	6	OM642.970		CZ303		
G350	3.5 DT 463	3500	1993->	6	OM 603.972		Y-916J		
G500	W463	5000	2000->	8	M113.962	1.1	PFR5R-11	BKR5E-11,	
G55	5.5 W 463	5500	2004->	8	M113.993	0.8	ILFR6A	LF6A-11	
GL320	3.0 W 164	3000	2006->	6	OM642.940		Y-8002AS		
GL350	W164 CDI	3000	2009->	6	OM642.820		Y-8002AS		
GL450	4.5 W 164	4500	2007->	8	M273.923	0.8	PLKR7A	LKR7A	
GL500	5.5 W 164	5500	2006->	8	M273.963	0.8	PLKR7A	LKR7A	
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	2.7 W163 CDI	2700	2000->	6	M612.960		Y-745U		
ML	3.0 W164 CDI	3000	2006->	6	OM642.940		Y-8002AS		
ML	3.2 W163	3200	2000->	6	M112.942	1.1	PFR5J-11	BKR5E-11	
ML	3.5 W164	3500	2007->	6	M272.967	0.8	PLKR7A	LKR7A	
ML	3.5 W164 CDI	3500	2009->	6	OM642.820		CZ303		
ML	3.7 W163	3700	2000->2005	6	M112.970	1.1	PFR5R-11	BKR5E-11,	
ML	4.0 W164 CDI	4000	2006->	8	OM629.912		Y-8002AS		
ML	4.3 W163	4300	2000->	8	M113.942	1.1	PFR5J-11	BKR5E-11	
ML	5.0 W164	5000	2006->	8	M113.964/5	1.1	PFR5J-11	BKR5E-11	
ML	5.5 W163 AMG	5500	2002->2005	8	M113.981	1.1	PFR5R-11	BKR5E-11,	
ML	6.3 W164 AMG	6300	2006->	8	M156.980	1.0	ILZKAR7A-10	LZKAR7A	
R 63	W251 AMG	6300	2006->	8	M156.980	1.0	ILZKAR7A-10	LZKAR7A	
R 300	W251	3000	2009->	6	M272.945	0.8	PLKR7A	LKR7A	
R 300	W251	3000	2009->	6	OM642.950		Y-8002AS		
R 350	W251	3500	2007->	6	M272.967	0.8	PLKR7A		
R 500	W251	5000	2007->	8	M113.971	1.1	PFR5R-11		
R 500	W251	5500	2007->	8	M273.963	0.8	PLKR7A		
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		
S400	W220 CDI	4000	2000->	8	OM 628.960		Y-745U		
S420	W140	4200	1996->1998	8	M119.971	0.8	BCPR6ES	BCP6ES	
S430	W220	4300	2000->	8	M113.941	1.1	PFR5J-11	BKR5E-11	
S500	W140	5000	1993->1999	8	M119.970	0.8	BCP6ES	BCPR6ES	
S500	W220	5000	2000->	8	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	LF6A-11	
S600	W140	6000	1996->2000	12	M120.980	0.8	BCPR6ES	BCP6ES	
S600	W220	6000	2000->2002	12	M137.970	1.0	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	1.0	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	LF6A-11	
SL600	W129	6000	1998->	12	M120.983	1.1	PFR5J-11	BKR5E-11	
SL600	W129	6000	2001->	12	M120.983	1.1	PFR5R-11	BKR5E-11,	
SL600	W230	5500	2001->	12	M275.951	0.8	IFR6G-Q		
SL63	W230	5500	2008->	8	M156.981	1.0	ILZKAR7A-10	LZKAR7A	
SL65	W230 AMG	6000	2006->	12	M275.981	0.8	IFR6Q-G		
SL73	W129 AMG	7300	1999->	12	M120.E73	1.1	PFR5J-11	BKR5E-11	
SLK200	W170	2000	1997->2000	4	M111.943	1.0	BKUR6ET-10		
SLK200	W170	2000	2001->	4	M111.958	1.0	IFR6D-10		
SLK200	W171	1800	2004->2006	4	M271.944	0.8	ILFR6A	LF6A-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	1.0	IFR6D-10		
SLK32	W170 K	3200	2001->	6	M112.960	1.0	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		

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Model

Type

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Alternative
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SLK55	W171 AMG	5500	2004->2007	8	M113.989	1.0	IFR6D-10	
SLR	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	OM 602.980.10 DELA 9849		Y-924J	
SPRINTER	312 D	2900	1995->2000	5	OM 602.980.12 DELA 137 ->		Y-929U	
SPRINTER	313 CDI	2100	2000->	4	OM611		Y-745U	
SPRINTER	316 CDI	2700	2000->	4	OM612		Y-745U	
SPRINTER	412 D	2900	1995->	5	OM 602.980.12 DELA 136		Y-924J	
SPRINTER	412 D	2900	1995->	5	OM 602.980.12 DELA 137 ->		Y-929U	
SPRINTER	413 CDI	2200	2000->	4	OM611		Y-745U	
SPRINTER	416 CDI	2700	2000->	4	OM612		Y-745U	
V 220	220 CDI	2200	1999->	4	OM 611.980		Y-745U	
V 230	230 TD	2300	1996->	4	OM 601.970		Y-916J	
V280	2.8 VR6	2800	2005->	6	M104.900	0.8	BKR5EKUP	
VIANO	220 CDI	2200	2003->	4	M646.983		Y-745U	
VIANO	3.0 DT	3000	2005->	6	OM642.990		Y-8002AS	
VIANO	W639	3500	2007->	6	M272.979	0.8	PLKR7A	LKR7A
VIANO	W639 3.0 CDI	3000	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	1.0	BKUR5ETC-10	
VITO	115 CDI	2200	2004->	4	M646		Y-745U	
VITO	116 CDI	2200	2010->	4	OM651.940		CZ303	
VITO	122 CDI	3000	2010->	6	OM642.990		Y-8002AS	

MG

MG

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	PLZKBR7A-G	
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	ILZKBR7A-8G	
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 170 BHP	0.8	BKR6EQUP	BKR6EQUA
MINI COOPER S	1.6 TURBO	1600	2006->	4	N14 B16 175BHP	0.8	PLZKBR7A-G	
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	PLZKBR7A-G	
MINI ONE	1.6 MINI ONE	1600	2010->	4	N16 B16	0.8	PLZKBR7A-G	

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		CY57	
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		CY55	
COLT	2.8 TD	2800	2001->	4	4M40T		CY55	
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
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		CY57		
LANCER	1.6 GLX	1600	2003->	4	4G18	1.1	BKR5E-11		
LANCER	2.0 VVT EVO 10	2000	2006->2008	4	4G63 DV	0.8	ILFR7H		
LANCER	2.0 EVO 10	2000	2009->	4	4B11 FQ30	0.8	FR6E1		
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		
OUTLANDER	2.0 I	2000	2003->	4	4G63	1.1	IGR6A-11		
OUTLANDER	2.0 I TURBO	2000	2005->	4		1.1	IGR6A-11		
OUTLANDER	2.4 I	2400	2003->	4	4G69	0.8	LZFR6AI		
OUTLANDER	2.4 SE	2400	2009->	4	4B12 FI	0.8	FR6E1		
OUTLANDER	3.0 XLS	3000	2009->	6	6B31 FI	0.8	ILKR7B8		
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	PZFR5B	IZFR5B	
PAJERO	2.5 TD INTERCOOLER	2500	1987->1990	4	4D56 T		Y-733J		
PAJERO	2.8 V4	2800	1994->2000	4	4M40		CY55		
PAJERO	3.0 GLS V6	3000	1989->1992	6	6G72	1.1	BPR5E-11		
PAJERO	3.0 I	3000	1993->2000	6	6G72	1.1	PRF6J-11	BKR6E-11	
PAJERO	3.2 DI-D	3200	2001->2004	4			Y-532J		
PAJERO	3.2 DI-D	3200	2005->	4	4M41		Y-1007J		
PAJERO	3.5 GLS V6	3500	1995->2000	6	6G74	1.1	BKR6E-11		
PAJERO	3.5 GLS V6	3500	2000->2004	6	6G74	1.1	PRF6G-11	BKR6E-11	
PAJERO	3.8 V6	3800	2007->	6	6G75	0.8	IFR6B-K		
SHOGUN	2.5 TD	2500	1996->2000	4	4D56		Y-733J		
SHOGUN	3.0 I	3000	1991->1994	6	6G72	1.1	BPR5E-11		
SHOGUN	3.0 I	3000	1994->	6	6G72	1.1	PRF6J-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		CY57		
SPACE	2.0 WAGON	2000	1995->1996	4	4D68		Y-733J		
SPACE	2.5 GEAR	2500	1994->	4	4D56		CY57		
SPACE	2.5 GEAR	2500	1995->1997	4	4D56		CY57		
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	BPR5E5	BP5E5	
TREDIA	1.6 SL	1600	1983->1986	4	4G32	0.8	BPR5E5	BP5E5	
TREDIA	1.8 SL,SLX	1800	1983->1986	4	4G62	0.8	BPR5E5	BP5E5	
TREDIA	1.8 VORTEX,TURBO	1800	1984->1986	4	4G62	0.8	B7E5	BR7E5	
TRITON	2.4 I	2400	2006->	4	4G64	1.1	BKR5E-11		
TRITON	3.2 DI-D	3200	2006->	4			Y-532J		
TRITON	3.5 I	3500	2011->	6	6G74	1.1	PRF5J-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	BKR6EQU	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	BPR5E5	BP5E5	
1 TONNER	1.8 S	1800	1988->1995	4	L18	0.8	BPR6E5	BP6E5	
1 TONNER	2.4 L	2400	1988->1999	4	Z24	0.8	BPR6E5	BP6E5	
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		CZ21		
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	BPR5E5	BP5E5	
1200	1.2 H	1200	1977->1980	4	A12	0.8	BPR5E5	BP5E5	
140	1.4 Y - GX	1400	1975->	4	L14	0.8	BPR5E5	BP5E5	
140	1.4 Y - SDX	1400	1975->	4	A14	0.8	BPR5E5	BP5E5	
1400	1.4 L	1400	1980->	4	A14	0.8	BPR5E5	BP5E5	
160	1.6 Z - COUPE	1600	1975->	4	L16	0.8	BPR5E5	BP5E5	
160J	1.6 Y - GX COUPE	1600	1980->	4	L16	0.8	BPR5E5	BP5E5	
1800	1.8 KINGCAB 4 X4	1800	1980->	4	L18	0.8	BPR6E5	BP6E5	
1800J	1.8 J GL,SSS	1800	1972->	4	L18T	0.8	BPR6E5	BP6E5	
1800J	1.8 J SNG CARB	1800	1972->	4	L18S	0.8	BPR6E5	BP6E5	
200SX	1.8 TURBO	1800	1991->1995	4	CA18DET	1.1	BCPR6E5-11		

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NISSAN							NISSAN	
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	BKR6ES-11	
350Z	3.5 ROADSTER	3500	2006->	6	VQ35DE	1.1	PLFR5A-11	LF5A-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	1.6 16V	1600	2001->	4	QG16DE	1.1	BKR5E-11	
ALMERA	1.8 16V	1800	2000->2003	4	QG18DE	1.1	BKR6E-11	
ARMADA	5.6 V8	5600	2007->	8	VK56DE	1.1	PLFR5A-11	LF5A-11
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 V6	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	ZFR5E-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	1.6 16V	1600	2011->	4	HR16DE	1.1	DILZKAR6A-11	
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	
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->	4	HR12DE	1.1	LZKAR6C-11	
MICRA	1.4 K12	1400	2005->	4	CR14DE	1.1	LF5E-11	LF5A-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	LF5A-11
NAVARA	2.5 DCI	2500	2005->	4	YD25DDTI		Y-519J	
NAVARA	2.5 I	2500	2007->	4	QR25DE	1.1	DILKAR6A-11	
NAVARA	4.0 I	4000	2005->	6	VQ40DE	1.1	PLFR5A-11	LF5A-11
NOMAD	2.0 D	2000	1999->	4	LD20		CY51	
NOTE	1.6 I	1600	2006->	4	HR16DE	1.1	PLZKAR6A-11	
NP200	1.6 16V	1600	2008->	4	K7MF F11L	0.8	BKR6EK	
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	
PATHFINDER	2.5 D	2500	2005->	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	LF5A-11
PATROL	2.8 D (4,5,6 CYL CX51)(1,2,3 CYL.CZ51)	2800	1998->	6	RD28		CX51+CZ51	
PATROL	2.8 D (4,5,6 CYL CX51)(1,2,3 CYL.CZ51)	2800	1998->	6	RD28T		CX51+CZ51	
PATROL	3.0 DI	3000	2000->2006	6	ZD30DDTI		CZ258	
PATROL	3.0 DI	3000	2006->2009	6	ZD30DDTI		Y-522J	
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	
PICK-UP	2.3 D	2300	1984->1986	4	SD23		Y-112M1	
PICK-UP	2.4 I	2400	2002->	4	KA24E	1.1	ZFR5E-11	
PICK-UP	2.5 D	2500	1984->1986	4	SD25		Y-112M1	
PICK-UP	2.7 TD	2700	1998->	4	TD27T		Y-712RS	

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PRIMASTAR							PRIMASTAR	
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-732J	
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 GXE1, 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	2.0 STI, GSI	2000	1992->1997	4	SR20DE	0.8	BKR6E	
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 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	ZFR5E-11	
TERRANO 1	2.7 TDI	2700	1998->	4	TD27		Y-707RS	
TERRANO 2	2.7 TDI	2700	1993->	4	TD27T		Y-712RS	
TERRANO 2	2.7 TDI	2700	1999->2003	4	TD27TI		CY58	
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	LFR5A-11

OPEL							OPEL	
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	20SEH	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

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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	1.0	PFR6T-10G	
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	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 TURBO	1400	2009->	4	A14NET	0.7	IFR7X7G	
ASTRA J	1.4 TURBO	1400	2010->	4	A14NEL	0.7	IFR7X7G	
ASTRA J	1.6 TURBO	1600	2009->	4	A16LET	0.8	ZFR6BP-G	
CALIBRA	200 I	2000	1992->	4	20XE 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	1400	2010->	4	A14XER	0.8	ZFR5N	
CORSA	1.4 I UTILITY	1400	2000->2004	4	14NE	0.8	BPR6EY	
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	BCPR6ES	
CORSA	1.7 CLASSIC	1700	2002->	4	17D 4EE1		CY03	
CORSA	1.7 DT	1700	1994->2000	4	17D		CY03	
CORSA	1.7 TD	1700	2006->	4	Z17DTR		Y-541J	
CORSA	1.7 UTILITY	1700	1998->2004	4	17D,X17D 4EE1		CY03	
CORSA	1.8 I	1800	2002->	4	18SE	0.8	BPR5EY	
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	2004->	4	Z17DTH		Y-541J	
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	1.4 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	1.6 OPC	1600	2007->	4	Z16LER	1.0	PFR6T-10G	
CORSA D	1.6 OPC TURBO	1600	2009->	4	A16LET	1.0	PFR6T-10G	
CORSA D	1.6 TURBO	1600	2007->	4	Z16LET	1.0	PFR6T-10G	
CORSA D	1.7 DTI	1700	2006->	4			CZ22	
CORSA D	1.8 I	1800	2006->	4	Z18SE	0.8	BPR5EY	
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

OPEL



CAR • SUV • LCV



- DIESEL VEHICLE



Model

Type

Capacity

Year

Cylinder

Engine

Gap

Recommended
Manufacturers
Specification

Alternative
15 000km
Service Interval

OPEL									
Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval	OPEL
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		
MERIVA	1.6 OPC TURBO	1600	2006->2008	4	Z16LET	1.0	PFR6T-10G		
MERIVA	1.6 OPC TURBO	1600	2009->	4	A16LET	1.0	PFR6T-10G		
MERIVA	1.7 CDTI	1700	2004->2005	4	Z17DTH		Y-541J		
MERIVA	1.7 CDTI	1700	2006->	4	Z17 DTR		YE06		
MERIVA	1.8 I	1800	2003->	4	Z18XE	0.8	BKR5EK		
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 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		

OPEL



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Capacity



Year



Cylinder



Engine



Gap



Recommended
Manufacturers
Specification



Alternative
15 000km
Service Interval

Model

Type

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	LF6B	
	107	1.0 I	1000	2006->	4	1KR-FE	1.1	LF6C-11	
	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	BKR6EK	
	206	1.6 I XT,SW	1600	2001->	4	TU5JP4-NFU	0.9	LF6B	
	206	2.0 GTI,SW	2000	2001->	4	EW10J4-RFR,RFN	0.9	LF6B	
	206	2.0 HDI	2000	2004->2005	4	DW10TD		Y-504J	
	206	2.0 I	2000	1999->	4	EW10J4	0.8	LF6B	
	207	1.4 HDI	1400	2006->	4	DV4TD		YE04	
	207	1.4 I	1400	2006->	4		0.8	BKR6EZ	
	207	1.6 16V	1600	2006->	4		0.9	LF6B	
	207	1.6 16V HDI	1600	2006->	4	DV6TED4		YE04	
	207	1.6 HDI	1600	2006->	4	DV6		YE05	
	207	1.6 RC	1600	2007->	4	EP6DTS	0.8	PLZKBR7A-G	
	208	1.6 120 VTI	1600	2012->	4	EP6C	0.8	PLZKBR7A-G	
	3008	1.6 155 THP	1600	2009->	4	EP6CDT	0.8	PLZKBR7A-G	
	3008	1.6 VTI	1600	2009->	4	EP6	0.8	PLZKBR7A-G	
	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	TU5JP	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->2005	4	TU5JP4-NFU	0.9	LF6B	
	307	2.0 CC,SW	2000	2003->	4	EW10J4-RFN	0.9	LF6B	
	307	2.0 COUPE	2000	2003->	4	EW10J4	0.9	LF6B	
	307	2.0 I	2000	2006->	4	EW10A	0.9	LF6B	
	307	2.0 XS HDI	2000	2001->2005	4	DW10TD		Y-504J	
	308	1.6 16V	1600	2007->	4	EP6DT	0.8	PLZKBR7A-G	
	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	LF6B	
	406	2.0 COUPE	2000	2001->	4	EW10J4-RFR	0.9	LF6B	
	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	LF6B	
	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	LF6B
	407	2.0 HDI	2000	2004->	4	DW10TED		Y-504J	
	407	2.0 SW,ST	2000	2004->	4	EW10J4-RFR	0.9	LF6B	
	407	2.2 ST	2200	2004->	4	EW12J4-3FZ	0.9	LF6B	
	407	3.0 ST	3000	2004->	6	ES9J4S-XFX	1.1	PLFR5A-11	LF6B
	5008	1.6 THP	1600	2009->	4	EP6CDT	0.8	PLZKBR7A-G	
	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	PLZKBR7A-G	
	508	1.6 VTI	1600	2011->	4	EP6C	0.8	PLZKBR7A-G	
	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	LF6B	
	607	2.2 16V HDI	2200	2000->	4	DW12TED4		Y-504J	
	607	2.2 E	2200	2001->	4	EW12J4-3FZ	0.9	LF6B	
	607	3.0 V6	3000	2002->	6	ES9J4S	1.1	PLFR5A-11	LF6B

PEUGEOT



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- DIESEL VEHICLE



Model

Type

Capacity

Year

Cylinder

Engine

Gap

Recommended
Manufacturers
Specification

Alternative
15 000km
Service Interval

PEUGEOT							PEUGEOT	
806	2.0 16V	2000	2001->	4	EW10J4-RFR	0.9	LF5B	
806	2.0 ST	2000	1998->2000	4	XU10J2	0.8	BKR6EK	
807	2.2 HDI	2200	2002->	4	DW12TED4,4HW		Y-504J	
807	2.2 ST,SV	2200	2003->	4	EW12J4-3FZ	0.9	LF5B	
807	3.0 V6	3000	2002->	6	ES9J4S-XFX	1.1	PLFR5A-11	LF5A-11
BOXER 2	2.0 HDI	2000	1998->	4	DW10D		Y-504R	
BOXER 2	2.2 HDI	2200	2001->	4	DW10TED4		Y-504J	
BOXTER	2.2 HDI	2200	2001->2006	4	DW12UTED		Y-1005J	
BOXTER	2.2 HDI 100	2200	2006->	4	4HV		Y-525J	
BOXTER	2.2 HDI 120	2200	2006->	4	4HU		Y-525J	
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	LF5B	
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	PLZKBR7A-G	
RCZ	1.6 THP	1600	2010->	4	EP6CDTX	0.8	ILZKBR7A-8G	

PORSCHE							PORSCHE	
911	CARREA 997	3600	2004->	6	M96.05	0.8	BKR7EQU	
911	CARREA 997	3600	2004->	6	M96.05	0.8	BKR7EQU	
911	CARREA S 997	3800	2004->	6	M97.01	0.8	BKR7EQU	
911	CARRERA	3200	1985->1989	6	930.20/26	0.8	BR8E5	
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	BKR6EQU	BKR6EQUA
911	CARRERA S 997	3800	2004->	6	M97.01	0.8	BKR7EQU	
911	GT3 996	3600	2001->2004	6	M96.76	0.8	BKR7EIX	
911	TURBO 964	3300	1985->1989	6	M30.69	0.8	B8E5	BR8E5
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	BPR7E5	
924	2.0 TURBO	2000	1980->1983	4	M31.03	0.8	BR8EIX	BR8E5
924	924 S	2500	1985->1988	4	M44.07,08,09,10	0.8	BPR6E5	BP6E5
928	928 GTS	5400	1991->1995	8	M28.49	0.8	BP6ET	BP6E5
928	928 S	4500	1985->1992	8	M28.21	0.8	BPR6E5	BP6E5
944	2.5 TURBO	2500	1985->1991	4	M44.50	0.8	BPR6E5	BP6E5
968	3.0 CS	3000	1991->1995	6	M44.43	0.8	BP6ET	BP6E5
BOXSTER	2.7 987	2700	2004->	6	M96.25	0.8	BKR7EQU	
BOXSTER	2.7 987	2700	2005->	6	M96.25	0.8	BKR7EQU	
BOXSTER	2.7 TIPTRONIC	2700	2002->	6	M96.20	0.8	BKR6EK	
BOXSTER	2.9 987	2900	2008->	6	M96.25/20	0.8	BKR7EQU	
BOXSTER	3.2 986 S	3200	2002->	6	M96.24	0.8	BKR6EQU	BKR6EQUA
BOXSTER	3.4 987	3400	2006->	6	M97.21	0.8	BKR7EQU	
BOXSTER	3.4 987	3400	2008->	6	M97.26/21	0.8	BKR7EQU	
CAYENNE	3.2 955	3200	2004->	4	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	BKR6EQU	BKR6EQUA
CAYENNE	4.5 TURBO	4500	2005->	8	M48.50	0.8	PFR7Q	
CAYMAN	2.7 S	2700	2006->	6	M97.20	0.8	BKR7EQU	
CAYMAN	3.4 S	3400	2005->	6	M97.21	0.8	BKR7EQU	

PROTON							PROTON	
ARENA	1.5 I	1500	2006->	4	4G15	1.1	BPR5E5-11	
GEN 2	1.6 16V	1600	2006->	4	4G92	1.3	BPR6E5-13	
PERSONA	1.6 I	1600	2009->	4	4G92	1.3	BPR6E5-13	
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	BPR5E5	BP5E5
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	BPR5E5-11	
WIRA	1.6 I	1600	2005->	4	4G92	1.1	BKR6E-11	
WIRA	1.8 I	1800	2005->	4	4G93	1.1	BKR6E-11	

PROTON



CAR • SUV • LCV



- DIESEL VEHICLE



Model

Type

Capacity

Year

Cylinder

Engine

Gap

Recommended
Manufacturers
Specification

Alternative
15 000km
Service Interval

RENAULT								RENAULT
	SANDERO	1.6 MPI	1600	2010->	4	K7M	0.8	BKR6E
	AVANTIME	2.2 D	2200	2002->2003	4			Y-517J
	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	2.0 16V RS SPORT	2000	2000->	4	F4R 730	1.0	PFR6E-10 BKR6E-11
	CLIO 2	3.0 V6	3000	2001->	6	L7X	1.0	PFR6E-10 BKR6E-11
	CLIO 3	1.2 16V	1200	2007->	4	D4F 722,740,772	0.8	LZKAR7B
	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
	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	1.0	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	3.0 DCI	3000	2002->	6	P9X701		CZ24
	ESPACE 4	3.5 V6	3500	2003->	6	V4Y-711	1.1	PLFR5A-11 LFR5A-11
	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 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	1.0	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 LFR5A-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	BKR6E
	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
	MEGANE	1.5 DCI	1500	2003->	4	K9K		Y-732J
	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
	MÉGANE	1.9 DTI PHASE 2	1900	2001->	4	F9Q1770		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

RENAULT



CAR • SUV • LCV



- DIESEL VEHICLE



Model

Type

Capacity

Year

Cylinder

Engine

Gap

Recommended
Manufacturers
Specification

Alternative
15 000km
Service Interval

RENAULT

RENAULT

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	
R 11	1.4 TS	1400	1985->1986	4	C1J 715/ C2 J73	0.8	BPR6ES	BP6ES
R 11	1.7 TX,TXE	1700	1985->1986	4	F2N / F3N-708	0.8	BPR6ES	BP6ES
R 5	1.3 VAN	1300	1980->1985	4		0.6	BP6HS	BPR6HS
R 5	1.3 GTL	1300	1977->1985	4		0.8	BPR5ES	BP5ES
R 5	1.3 TS,LS	1300	1975->1982	4		0.6	BP6HS	BPR6HS
R 5	1.4 TS	1400	1982->1985	4	840,726	0.8	B8EFS	
R 9	1.4 TSE,TL,GTI	1400	1983->1986	4		0.8	BPR6ES	BP6ES
R 9	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
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	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->2004	4	K4M	0.8	BKR6EZ	
SCENIC 2	2.0 NR4	2000	2000->	4	F4R 740,744	0.8	BKR6E	
TRAFIC	1.9 DCI	1900	2005->	4	F9Q762		Y-732J	
TWINGO	1.2 I	1200	2007->	4	D4F-722,740,764	0.8	LZKAR7B	
TWINGO 2	1.6 I	1600	2008->	4		0.8	PFR7Z-TG	

ROUGE JEEP

ROUGE JEEP

CJ5	1.9 L	1900	1985->	4	VW	0.8	BPR6ES	BP6ES
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ROLLS ROYCE

ROLLS ROYCE

PHANTOM	6.7 FI V12	6700	2003->2005	12		0.8	BKR6EQUP	BKR6EQUA
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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	R 6	0.8	BPR6ES	BP6ES
ROVER	3.5 SDS,SDE V8	3500	1978->1984	8		0.8	BPR5ES	BP5ES

SAAB

SAAB

3-SEP	1.8 TURBO	1800	2002->	4	B207L	1.0	PFR6T-10G	
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
3-SEP	2.8 AERO TURBO	2800	2006->	6	B284E	1.0	PLFR6C-10G	
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	

SAAB



CAR • SUV • LCV



- DIESEL VEHICLE



Recommended
Manufacturers
Specification

Alternative
15 000km
Service Interval

Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval
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SEAT								SEAT
ALTEA	1.6 FI	1600	2006->	4	BGU,BSE	1.0	BKUR6ET-10	
ALTEA	1.8 TFSI	1800	2009->	4	CDA	0.8	PFR7S8EG	
ALTEA	1.9 TDI	1900	2006->	4	BXE		Y-607AS	
ALTEA	2.0 FSI	2000	2005->	4	BLR, BLY	1.1	PZFR5N-11T	
ALTEA	2.0 TDI	2000	2004->	4	BKD		YE14	
ALTEA	2.0 TDI	2000	2006->	4	BMM		Y-607AS	
ALTEA	2.0 TFSI	2000	2006->	4	BWA	0.8	PFR6Q	BKR6E
ALTEA	2.0 TFSI	2000	2006->2009	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	1.0	BKUR6ET-10	
LEÓN	1.6 I	1600	2004->	4	AEH, AKL	1.0	BKUR6ET-10	
LEÓN	1.6 I	1600	2009->	4	CCSA	1.0	BKUR6ET-10	
LEÓN	1.8 20V	1800	2004->	4	ARY	0.8	PFR6Q	BKR6E
LEÓN	1.8 TFSI	1800	2009->	4	CDA	0.8	PFR7S8EG	
LEÓN	2.0 FSI	2000	2005->2006	4	BLY,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		YE14	
LEÓN	2.0 TDI	2000	2005->2007	4	BMM		Y-607AS	
LEÓN	2.0 TFSI	2000	2005->2006	4	BWA	0.8	PFR6S-8E	
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	LFRC6-11	
FORFOUR	1.5 I	1500	2004->2006	4	M135.950	1.1	LFRC6-11	
FORTWO	0.7 I	700	2004->	3	M160.01	0.7	LKR8A	
FORTWO	1	1000	2007->	3	M132.910	0.9	LKR7B-9	

SSANGYONG								SSANGYONG
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	
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	
MUSSO	E 320	3200	1997->	6	M104	0.8	BKR5ES	
REXTON	RX 230	2300	2002->	4		0.8	BCPR6ES	BCP6ES
REXTON	RX 270 XDI	2700	2005->2006	5			Y-537AS	
REXTON	RX 270 XDI	2700	2006->	5			Y-537AS	
REXTON	RX 290 S	2900	1999->	5			Y-916J	
REXTON	RX 320 I	3200	2002->	6		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	LFR6B
FORESTER	2.0 GL,GX,GT	2000	1998->	4	EJ20	0.8	BKR6E	
FORESTER	2.0 GT	2000	2008->	4	EJ20	0.8	ILFR6B	LFR6B
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	LFR6B
FORESTER	2.5 I	2500	2008->	4	EJ25	0.8	ILFR6B	LFR6B
IMPREZA	1.5 R	1500	2007->	4	EJ15	0.8	ILFR6B	LFR6B
IMPREZA	1.8 GL/GT	1800	1994->1996	4	EJ18	0.8	BKR6E	
IMPREZA	2.0 R	2000	2006->	4	EJ20	0.8	ILFR6B	LFR6B

SEAT



CAR • SUV • LCV



- DIESEL VEHICLE



Recommended
Manufacturers
Specification

Alternative
15 000km
Service Interval

Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval
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SUBARU							SUBARU	
IMPREZA	2.0 R	2000	2007->	4	EK20	0.8	ILFR6B	LF6B
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	LF6B
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	0.9	ILFR6B	LF6B
OUTBACK	2.5 I	2500	2004->	4	EJ25	1.1	PFR6B-11	BKR6E-11
OUTBACK	2.5 I	2500	2006->	4	H4 EJ255	1.1	ILFR6T-11	LF6A-11,
OUTBACK	3.0 I	3000	2006->	6	H6 EZ30D	1.1	ILFR6T-11	LF6A-11,
OUTBACK	3.6 R	3600	2009->	6	EZ36D	1.1	SILFR6C-11	
SPORTS COUPE	3.3 SVX 4X4	3300	1994->	6	EG33	1.1	BKR6ES-11	
TRIBECA	3.0 B9	3000	2006->	6	EZ30	0.8	ILFR6B	LF6B
TRIBECA	3.6 L 24V	3600	2007->	6	EJ36	0.8	SILFR6A	

SUZUKI							SUZUKI	
ALTO	1.0 GL	1000	2009->	4	G10B	1.1	BKR6E-11	
ALTO	1.0 GL, GLS	1000	2009->	4	K10B	1.0	KR6A-10	
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 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	
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
ST 90	1.0 MICROBUS	1000	1983->1989	4	F8A	0.8	BPR5ES	BP5ES
SWIFT	1.3 I	1300	2005->	4	M13A	1.1	IFR6J-11	BKR6E-11
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 VVT	1600	2007->	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->	4	M16A	1.1	IFR6J-11	BKR6E-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
INDIGO	1.4 I	1400	2004->	4		0.8	BCPR6ES	BCP6ES
TELCO LINE	2.0 TD	2000	2004->	4			Y-918J	

TOYOTA							TOYOTA	
1200	1.2 PICK-UP	1200	1986->	4	3K	0.8	BPR6ES	BP6ES
AURIS	1.3 VVT	1300	2008->2010	4	1NR-FE	1.1	ILKAR7B-11	LKAR7B-11
AURIS	1.4 VVT	1400	2007->	4	4ZZ-FE	1.1	BKR5EYA-11	
AURIS	1.6 VVT	1600	2007->	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	

TOYOTA



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Model

Type

Capacity

Year

Cylinder

Engine

Gap

Recommended
Manufacturers
Specification

Alternative
15 000km
Service Interval

TOYOTA							TOYOTA	
AVANZA	1.5 I	1500	1999->2005	4	K5VE	0.9	IKR7D	
AVANZA	1.5 VVT	1500	2006->	4	3SZ-VE	0.9	IKR7D	
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	BKR6E-11
AVENSIS	2.0 I WITHOUT CAT	2000	2003->	4	1AZ-FE	1.1	BKR6EYA-11	
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	BKR6E-11
AYGO	1.0 I	1000	2011->	3	1KR-FE	1.1	IFR6T-11	
CAMRY	2.0 I	2000	2003->	4	1AZ-FE	1.1	IFR6T-11	BKR6E-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	BKR6E-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	
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	BP5EY	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	
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	BPR5EY	BP5EY
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	BPR5EY	BP5EY
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	BPR5EY-11	
COROLLA	1.3 G	1300	1984->1988	4	2AL	0.8	BPR5EY	BP5EY
COROLLA	1.3 I	1300	2008->	4	1NR-FE	1.1	ILKAR7B-11	LKAR7B-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	BPR5EY	BP5EY
COROLLA	1.4 D4D	1400	2004->2007	4	1ND-TV		Y-542J	
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	BPR6EY	BP6EY
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	BPR5EY	BP5EY
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	BPR5EY	BP5EY
COROLLA	1.6 T-CAM	1600	1985->1988	4	4AGE	0.8	BCPR6EY	
COROLLA	1.6 VAN	1600	1983->1989	4	2T	0.8	BPR5EY	BP5EY
COROLLA	1.6 VERSO	1600	2005->	4	3ZZ-FE	1.1	BKR5EYA-11	
COROLLA	1.8 I	1800	2002->	4	2ZZ-GE	1.1	IFR6T-11	BKR6E-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	LKAR7B-11	
COROLLA	1.8 SE,GLS SPRINTER	1800	1980->1985	4	3T	0.8	BPR5EY	BP5EY
COROLLA	1.8 TRD	1800	1980->1981	4	3T	0.8	BPR6EY	BP6EY
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	BKR6E-11
COROLLA	2.0 D4D	2000	2007->	4	1AD-FTV		Y-1012J	
CRESSIDA	1.8 L	1800	1976->1981	4	18R	0.8	BPR6EY	BP6EY
CRESSIDA	1.8 LS	1800	1986->1989	4	2Y	0.8	BPR5EY	BP5EY
CRESSIDA	1.8 L,LS,DX	1800	1980->1986	4	3T	0.8	BPR5EY	BP5EY

TOYOTA



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Recommended
Manufacturers
Specification

Alternative
15 000km
Service Interval

Model

Type

Capacity

Year

Cylinder

Engine

Gap

TOYOTA

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Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval
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 RS1	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		1.1	LFK5C-11	
FJ CRUISER	4.0 I	4000	2011->	6	1GR-FE	1.1	ILFR6T-11	LFK6A-11,
FORTUNER	2.5 D4D	2500	2007->	4	2KD-FTV		Y-531J	
FORTUNER	3.0 D	3000	2006->	4	1KD-FTV		Y-531J	
FORTUNER	4.0 I	4000	2006->	6	1GR-FE	1.1	LFK6C-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-118R	
HI-ACE	2.4 D 12V	2400	1983->1992	4	2L		Y-118T1	
HI-ACE	2.4 D 12V	2400	1993->	4	2L		Y-715R	
HI-ACE	2.4 D 24V	2400	1992->	4	2L		Y-168R	
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	BP5EY	BPR5EY
HI-LUX	2.0 L	2000	2005->	4	1TR-FE	1.1	LFK6C-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	LFK6C-11	
HI-LUX	2.2 4X4	2200	1985->1986	4	4Y	0.8	BP5EY	BPR5EY
HI-LUX	2.2 D	2200	1979->	4	L		Y-118T1	
HI-LUX	2.2 D	2200	1990->	4	2C		Y-146R	
HI-LUX	2.2 D	2400	1983->1992	4	2L		Y-118R	
HI-LUX	2.2 D SUPER GLOW	2200	1979->	4	L		Y-118R	
HI-LUX	2.4 D	2400	1992->	4	2L		Y-168R	
HI-LUX	2.4 D 12V	2400	->1992	4	2L		Y-118R	
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	2001->2004	4	3RZ-FE	0.8	BKR5EYA	
HI-LUX	2.7 VVTI	2700	2005->	4	2TR-FE	1.1	LFK6C-11	
HI-LUX	3.0 D	3000	1997->2005	4	5L		Y-715R	
HI-LUX	3.0 D	3000	2008->	4	1KZ-GE		Y-516J	
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	LFK6C-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 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-178T	
LAND-CRUISER	4.0 D	4000	1981->1985	6	2H		Y-178T	
LAND-CRUISER	4.0 I	4000	1988->	6	3F	0.8	BPR5EY	
LAND-CRUISER	4.0 PRADO	4000	2003->2006	6	1GR-FE	1.1	LFK6C-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	LFK6AIX-11	LFK6A-11
LAND-CRUISER	4.7 I	4700	2000->	8	2UZ-FE	1.1	IFR6T-11	BKR6E-11

TOYOTA



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TOYOTA							TOYOTA		
	LAND-CRUISER	5.7 I	5700	2009->	8	3UR-FE	1.1	ILFR6T-11	LFR6A-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	3.4 GX, VX	3400	1997->	6	5VZ-FE	1.1	BKR5EKB-11	
	PRADO	4.0 I	4000	2003->	6	1GR-FE	1.1	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	LFR6C-11	
	RAV 4	1.8 4X2	1800	2003->2006	4	1ZZ-FE	1.1	BKR5EYA-11	
	RAV 4	2.0 I	2000	1995->2000	4	3S-FE	1.1	BKR6EYA-11	
	RAV 4	2.0 I	2000	2000->2006	4	1AZ-FE	1.1	IFR6T-11	BKR6E-11
	RAV 4	2.4 I	2400	2005->2007	4	2AZ-FE	1.1	IFR6T-11	BKR6E-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	BKR6E-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	BKR6E-11
	SEQUOIA	5.7 SR5	5700	2009->	8	3UR-FE	1.1	ILFR6T-11	LFR6A-11,
	SEFIKILE	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	BP5EY	BPR5EY
	STALLION	2.0 I	2000	2003->	4	1RZ	0.8	BPR6ES	BP6ES
	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	
	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	BKR6E-11
	TUNDRA	5.7 SR5	5700	2009->	8	3UR5BE	1.1	ILFR6T-11	LFR6A-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-118R	
	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	1S2-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	1.5 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 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	PFR758EG	
	BEETLE	1.2 TSI	1200	2011->	4	CBZB	0.7	IZFR6P-7	
	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	1.0	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	1.0	BKUR6ET-10	
	BEETLE	2.0 I HIGHLINE	2000	2000->	4	AQY	1.0	BKUR6ET-10	
	CADDY	1.4 I	1400	2000->	4	AUD	1.1	PZFR5D-11	



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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	
CADDY	2.0 TDI	2000	2007->	4	BMM		Y-607AS	
CADDY KOMBI	1.6 I	1600	2004->	4	BGU	1.0	BKUR6ET-10	
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	2.0 TURBO	2000	2009->	4	CCTA	0.8	PFR7S8EG	
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	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	1.0	BKUR6ET-10	
GOLF 3	2.0 GTI 8V	2000	1992->1996	4	2E	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	1.0	BKUR6ET-10	
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	1.0	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	1.0	BKUR6ET-10	
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	



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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	1.0	BKUR6ET-10	
GOLF 5	1.6 FSI	1600	2007->	4	CCSA	1.0	BKUR6ET-10	
GOLF 5	1.6 I	1600	2005->	4	BSF	1.0	BKUR6ET-10	
GOLF 5	1.9 TDI	1900	2005->	4	BLS,BKC		Y-607AS	
GOLF 5	2.0 8V	2000	2000->	4	BHY	1.0	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	PFR6Q	BKR6E
GOLF 5	2.0 GTI	2000	2006->	4	BYD	0.8	PFR6S-8E	
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	1.4 FSI	1400	2008->	4	CGGA	1.1	ZFR6T-11G	
GOLF 6	1.4 TSI	1400	2008->	4	CAXA	0.8	PZFR6R	
GOLF 6	1.6 FSI	1600	2008->	4	CCSA	1.0	BKUR6ET-10	
GOLF 6	1.6 FSI	1600	2009->	4	CHGA	1.0	BKUR6ET-10	
GOLF 6	1.6 FSI	1600	2010->	4	CMXA	1.0	BKUR6ET-10	
GOLF 6	1.6 TDI	1600	2008->	4	CAYB		Y-1002AS	
GOLF 6	1.6 TDI	1600	2009->	4	CAYC		Y-1002AS	
GOLF 6	1.8 TFSI	1800	2009->	4	CDAA	0.8	PFR7S8EG	
GOLF 6	2.0 GTI	2000	2010->	4	CCZB	0.8	PFR7S8EG	
GOLF 6	2.0 TDI	2000	2009->	4	CFHB,CFHC		Y-1002AS	
GOLF 6	2.0 TFSI	2000	2009->	4	CCTA,CDLF	0.8	PFR7S8EG	
GOLF PLUS	1.6 I	1600	2006->	4	BLF	0.8	ZFR6S-Q	
GOLF PLUS	2.0 I	2000	2006->	4	BLR, BLX, BVY	1.1	PZFR5N-11T	
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
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	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	1.0	BKUR6ET-10	
JETTA 4	1.9 TDI	1900	1999->	4	AHF		Y-732J	
JETTA 4	2.0 HIGHLINE	2000	1999->2002	4	APK	1.0	BKUR6ET-10	
JETTA 4	2.3 V5	2300	1999->	5	AGZ	0.8	BKR5EKUP	
JETTA 5	1.6 FSI	1600	2006->	4	BLF	0.8	ZFR6S-Q	
JETTA 5	1.6 I	1.6	2005->	4	BSF	1.0	BKUR6ET-10	
JETTA 5	1.6 TDI	1600	2011->	4	CAYC		Y-1002AS	
JETTA 5	1.6 TDI	1600	2011->	4	CFFB		Y-1002AS	
JETTA 5	1.6 TDI	1600	2011->	4	CLCB		Y-1002AS	
JETTA 5	1.9 TDI	1900	2006->	4	BLS,BKC		Y-607AS	
JETTA 5	2.0 FI TURBO	2000	2009->	4	CBFA	0.8	PFR7S8EG	
JETTA 5	2.0 FSI	2000	2006->	4	BLR,BVY	1.1	PZFR5N-11T	
JETTA 5	2.0 TDI	2000	2006->	4	BLS,BKC		Y-607AS	
JETTA 5	2.0 TURBO	2000	2006->	4	BWA	0.8	PFR6Q	BKR6E
JETTA 5	2.5 I	2500	2007->	5	CCCA	1.1	ZFR6T-11G	
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	
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



CAR • SUV • LCV



- DIESEL VEHICLE



Model

Type

Capacity

Year

Cylinder

Engine

Gap

Recommended
Manufacturers
Specification

Alternative
15 000km
Service Interval

VOLKSWAGEN							VOLKSWAGEN	
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	1.0	BKUR5ETC-10	
PASSAT 3	2.8 V6	2800	1991->1995	6	AAA	0.8	BKR5EQU	
PASSAT 4	1.8 TURBO	1800	1999->	4	AEB	0.8	PFR6Q	BKR6E
PASSAT 4	1.8 TURBO	1800	2000->	4	AFY	1.0	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	1.0	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	2012->	4	CDA	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	
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	2007->2010	4	BKP		CZ-304	
PASSAT 5	2.0 TDI	2000	2008->	4	CBAA,CBBB		Y-609AS	
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	3.2 V6	3200	2004->	6	BRK	0.8	ZKR7AP-Q	
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	1.4 16V	1400	2005->	4	BKY	0.8	ZFR5P-G	
POLO	1.4 FSI	1400	2002->2005	4	AXU	0.8	ZFR6S-Q	
POLO	1.4 I	1400	2006->	4	BUD	1.1	ZFR6T-11G	
POLO	1.4 I 16V	1400	2001->2004	4	BBC,BBY	1.0	BKUR6ET-10	
POLO	1.4 TDI	1400	2001->	3	BAY		Y-732J	
POLO	1.4 TDI	1400	2006->	3	BWB		CZ104	
POLO	1.9 D	1900	1994->1999	4	AEF		Y-918J	
POLO	1.9 TDI	1900	2004->2005	4	ASZ,BLT		Y-741U	
POLO 4	1.2 I	1200	2010->	3	CJLA	1.1	ZFR6T-11G	
POLO 4	1.4 I	1400	2009->	4	CGGB	1.1	ZFR6T-11G	
POLO 4	1.4 I	1600	2006->	4	BTS	1.1	ZFR6T-11G	
POLO 4	1.6 I	1600	2006->	4	BTS	1.1	ZFR6T-11G	
POLO 4	1.6 TDI	1600	2009->	4	CAYA,CAYB,CAYC		Y-1002AS	
POLO 4	1.8 GTI	1800	2006->	4	BBU,BJX	0.8	PFR6Q	BKR6E
POLO 4	1.9 TDI	1900	2006->	4	BMT		Y-607AS	
POLO 5	1.2 TDI	1200	2009->	4	CFWA		Y-1002AS	
POLO 5	1.4 COMFORTLINE	1400	2011->	4		1.1	ZFR6T-11G	
POLO 5	1.4 GTI	1400	2010->	4	CAVE	0.8	PZFR6R	
POLO 5	1.6 COMFORTLINE	1600	2011->	4	CLS	1.1	ZFR6T-11G	
POLO 5	1.6 TDI	1600	2009->	4	CAYA		Y-1002AS	
POLO 5	1.6 TDI	1600	2009->	4	CAYB		Y-1002AS	
POLO 5	1.6 TDI	1600	2009->	4	CAYC		Y-1002AS	
POLO 5	1.6 TDI	1.6	2009->	4	CLNA		Y-1002AS	
POLO CLASSIC	1.4 I	1400	1996->2002	4	AGY	0.8	BPR6ESZ-N	BPR6ES
POLO CLASSIC	1.4 I	1400	2007->	4	BLM	1.0	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

VOLKSWAGEN



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Model

Type

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Year

Cylinder

Engine

Gap

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Manufacturers
Specification

Alternative
15 000km
Service Interval

VOLKSWAGEN							VOLKSWAGEN		
	POLO CLASSIC	1.6 I COMFORTLINE	1600	2002->2007	4	BAH	1.0	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->2005	4	BBX	1.1	PFR6G-11	BKR6E-11
	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	
	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	
	SHARAN	1.4 TSI	1400	2010->	4	CAVA	0.8	PZFR6R	
	SHARAN	1.8 TURBO	1800	1999->2001	4	AJH	0.8	BKUR6ET	
	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	1.0	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 T5 PANEL VAN	2500	2003->	5	AXG,AYC		Y-732R	
	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	2.0 FI TURBO	2000	2009->	4	CCTA	0.8	PFR7S8EG	
	TIGUAN	2.0 TDI	2000	2007->2010	4	CBAA		Y-609AS	
	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	BMV/CAVC	0.8	PZFR6R	
	TOURAN	1.6 TRENDLINE	1600	2005->	4	BSE,BSF	1.0	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	
	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 I	2000	2003->2007	4	AXA	0.8	BKUR6ET	
	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	

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	ITR6F-13	BPR6EF-13
	C30	2.0 16V	2000	2007->	4	B4204S	0.8	PFR6B	BKR6E
	C30	2.4 16V	2400	2006->	5	B5244S4	0.8	LF6D	

VOLKSWAGEN



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- DIESEL VEHICLE



Model

Type

Capacity

Year

Cylinder

Engine

Gap

Recommended
Manufacturers
Specification

Alternative
15 000km
Service Interval

VOLVO							VOLVO	
Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval
C30	2.5 T5	2500	2006->	5	B5254T3	0.8	BKR6EKUB	
C30	2.5 T5	2500	2006->	5	B5254T7	0.8	ILFR6B	LF6B
C70	2.3 CABRIO T5	2300	2002->	5	B5234T3	0.8	PFR6B	BKR6E
C70	2.4 I	2500	2006->	5	B5244S4,5	0.8	LF6D	
C70	2.5 I	2500	2002->	5	B5254	0.8	BKR6EKUB	
C70	2.5 I	2500	2005->	5	B5254T7	0.8	ILFR6B	LF6B
C70	2.5 I	2500	2006->	5	B5254T3	0.8	ILFR6B	LF6B
S40	1.6 D2	1600	2012->	4	D4164T		YE-04	
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->	4	B4204S2	0.8	BCPR6ET	BCPR6ES
S40	2.0 16V	2000	2006->	4	B4204S3	1.3	ITR6F-13	BPR6EF-13
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	LF6D	
S40	2.5 I	2500	2005->	5	B5254T3,T5	1.1	PLFR6A-11	LF6A-11
S40	2.5 T5	2500	2007->	5	B5254T7	0.8	ILFR6B	LF6B
S60	2.0 D3	2000	2010->	4	D5204T2/T3		Y-8008AS	
S60	2.0 TURBO	2000	2003->	5	B5204T5	0.8	PFR6B	BKR6E
S60	2.0 TURBO	2000	2004->	5	B5204T	1.1	PLFR6A-11	LF6A-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 TURBO	2500	2004->	5	B5254T2	0.8	PFR6B	BKR6E
S60R	2.5 TURBO	2500	2003->	5	B5254T4	1.1	PLFR6A-11	LF6A-11
S70	2.3 T-5	2300	1997->	5	B5234T4	0.8	BCPR7ES	
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	BKR6E	
S80	2.8 I T6	2800	1999->	6	B6284T2	0.8	BCPR7ES	
S80	2.9 I	2900	1999->	6	B6294S	0.8	BKR6EKUB	
S80	3.2 I	3200	2007->	6	B6324S	0.8	ILFR6B	LF6B
S90	3.0 I	3000	1997->2000	5	B6304F	0.8	BCPR6ES	BCP6ES
V40	1.9 D	1900	1996->	4	D4192T		Y-933J	
V40	1.9 DCI	1900	2000->	4	DCI RENAULT		Y-732J	
V40	1.9 T4	1900	1998->	4	B4194 T	1.1	PFR6G-11	BKR6E-11
V40	2.0 S/WAGON	2000	1997->	4	B4204S	0.8	BCPR6ET	BCPR6ES
V40	2.0 T5	2000	2000->2004	4	B4204T5	1.1	BKR6EP-11	BKR6E-11
V50	2.0 16V	2000	2007->	4	B4204S3	1.3	ITR6F-13	BPR6EF-13
V50	2.4 I5	2400	2005->	5	B5244S7	0.8	LF6D	
V50	2.5 T5	2500	2004->	5	B5254T3	1.1	PLFR6A-11	LF6A-11
V50	2.5 T5	2500	2007->	5	B5254T7	0.8	ILFR6B	LF6B
V60	2.0 D3	2000	2010->	4	D5204T2/T3		Y-8008AS	
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	LF6A-11
V70	2.5 T6	2500	2007->	5	B5254T6	0.8	ILFR6K8	
V70	3.0 TURBO	3000	2007->	5	B6304T2	0.8	ILFR6B	LF6B
V70	3.2 V6	3200	2007->	6	B6324S	0.8	ILFR6B	LF6B
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	2.4 TD D5	2400	2010->	5	D5244T4		Y-808AS	
XC60	3.0 I	3000	2008->	6	B6304T2	0.8	ILFR6B	LF6B
XC70	2.4 D5	2400	2003->	5	D5244T		YE12	
XC70	2.4 TURBO	2400	2003->	5	B5244T3	0.8	BKR6EIX	
XC70	2.5 TURBO	2500	2003->	5	B5254T2	0.8	BKR6EIX	
XC70	3.2 TURBO	3200	2007->	6	B6324S	0.8	ILFR6B	LF6B
XC90	2.4 D5	2400	2003->	5	D5244T		YE12	
XC90	2.5 T	2500	2002->	5	B5254T2	0.8	BKR6EVX	
XC90	2.5 TURBO	2500	2002->	5	B5254T2	0.8	BKR6EIX	
XC90	2.9 T6	2900	2003->	6	B6294T	0.8	BKR6EIX	
XC90	3.2 TURBO	3200	2006->	6	B6324S	0.8	ILFR6B	LF6B
XC90	4.4 V8	4400	2005->	8	B8444S	1.1	IFR6B-11	

VOLVO



COMMERCIAL VEHICLES



- DIESEL VEHICLE

Model

Type



Capacity



Year



Cylinder



Engine



Gap



Recommended
Manufacturers
Specification



Alternative
15 000km
Service Interval

COMMERCIAL VEHICLES

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	
C32	2.2D 6C35	2200	1973->1979	4	CRD90	Y-405	
C35	2.5D	2500	1980->1991	4	CRD93B	Y-208T	
C45	2.5D	2500	1982->1991	4	CRD93B	Y-208T	
CX	2200 D BREAK	2200	1975->1979	4	M22 621	Y-405	
CX	25 D	2500	1982->1988	4	M25 660	Y-208T	
CX	25 D PALLS,RD,TRD	2500	1982->1992	4	M25 660	Y-924J	
CX	25 TD TURBO 2	2500	1987->1992	4	M25 669,671	Y-208T	
CX	25 TURBO	2500	1983->1986	4	M25 648	Y-208T	
CX	2500 D	2500	1978->1979	4	M25 629	Y-405	
CX	2500 , REFLEX D	2500	1979->1982	4	M25 629	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	2.5D	2500	1977->	4	DG	Y-128T	
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
242,15,18 D	2.5D	2500	1974->1979	4		Y-405	
242,15,18 D	2.5D	2500	1979->	4		Y-208T	
BRAVA 1.9	1.9JTD	1900	1998->1999	4	182B4.000	Y-747U	
BRAVA/BRAVO	1.9D, TD	1900	1996->1999	4		Y-928U	
BRAVA/BRAVO	2.0D	2000	1995->1996	4		Y-924J	
DUCATO	2.8JTD	2800	2006->		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	

FORD							FORD
A-SERIES	3.6D YORK-D	3600		8	8AA	Y-208T	
SCORPIO	2.5D	2500	1994->1998	4	SCD TCI	Y-741U	
TRANSIT	2.4D YORK-D	2400	1983->1985	4	4AA	Y-208T	

ISUZU							ISUZU
FARGO	2.0WFR	2000	1981->	4	4FC1	Y-104R	
FARGO	2.2WFR	2200	1983->	4	4FD1	Y-104R	
FARGO	2.4WFR	2400		4	4FG1	Y-711RS	
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	2.8D BL	2800	1980->	4	4BA1	Y-154R	
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	2.0TD 5V	2000	1986->	4		Y-307R	
MIDI	2.2D 11V	2200	1986->	4		Y-711J	
MU	2.8D TURBO UCS	2800	1990->	4	4JB1	Y-711RS	
N3000 P	2.5	2500		4		0.8 Y-711RS	BP6ES
TFR	2.2 PICK-UP	2200	1988->	4	C223	Y-710R	

IVECO							IVECO
DAILY	2.4D D30,35,40-8	2400	1978->1983	4	SOFIM 8140.61.200	Y-208T	
DAILY	2.4D D30,35,40-8	2400	1983->1989	4	SOFIM 8140.61.200	Y-924J	



COMMERCIAL VEHICLES



- DIESEL VEHICLE



Model

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Recommended
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Specification

Alternative
15 000km
Service Interval

KUBOTA							KUBOTA
TRACTOR	L SERIES						Y-106V
TRACTOR				B51,61,7			Y-103K
LEYLAND							LEYLAND
400-SERIES	2.5 LTD DI	2500	1987->	5			Y-924J
EA RANGE	1.8D	1800		4			Y-302
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
MAZDA							MAZDA
BOXER	3700 , 5500		1974->		XC,ZC		Y-172
E2000	2.0D	2000	1993->	4	RF		Y-107R
LIGHT BUS PARKWAY	3.0D 12V	3000	1980->		HA		Y-107R
T2500	2.5D 12V	2500	1980->		XA		Y-107R
T2500	2.5D 24V	2500	1980->		XA		Y-157R
T3000	3.0D 12V	3000	1980->1992		HA		Y-107R
T3000	3.0D 24V	3000	1980->1992		HA		Y-157R
T4100	4.1D 12V	4100	1980->		ZB		Y-107R
T4100	4.1D 24V	4100	1980->		ZB		Y-157R
MERCEDES BENZ							MERCEDES BENZ
200 D,TD	W124	2000	1989->1993	4	OM 601.912		Y-916J
207,307,407		2400	1977->1982	4	OM 616.		DG237
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	12V		1968->	6	6DR5		Y-201
CANTER	12V		1968->1970	4	4DR1		Y-201
CANTER	12V		1968->1979	4	4DR5		Y-201
CANTER	24V		1968->	6	6DR5		Y-251
CANTER	24V		1968->1970	4	4DR1		Y-251
CANTER	24V		1979->	4	4DR51		Y-251
CANTER	2.6 LWB, SWB	2600	1983->	4	4G54	0.8	BPR6ES BP6ES
CANTER			1967->	4	4DQ5		Y-102
CANTER			1967->	4	4DQ/1		Y-102
CANTER			1978->	4	4D30		Y-274
CANTER			1981->	4	4DR51		Y-251
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
CRANE				4	4DR1, 4DR5, 6DR5		Y-251



COMMERCIAL VEHICLES



- DIESEL VEHICLE

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Engine



Gap



Recommended
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Specification



Alternative
15 000km
Service Interval

COMMERCIAL VEHICLES

MITSUBISHI							MITSUBISHI
EXPO	2.0D LRV	2000	1993->1998	4	4D68		CY57
FORKLIFT	FD150			6	6DB1		Y-172
FORKLIFT	FD150T			6	6D11		Y-180
L200	2.3 4X4	2300	1983->1986	4	4D55		Y-115T-1
L200	2.5 KOT-K3T	2500	1994->1996	4	4D56 SOHC		CY57
L400	2.5D	2500	1995->1997	4	4D56		CY57
L400	2.5D	2500	1998->	4	4D56		Y-733J
TRUCK	2.3 4X4	2300	1983->1984	4	4D55T		Y-115R1

NISSAN							NISSAN
180K	2.8D QGS TYPE	2800	1981->	6	LD28		Y-204SS
CABALL	2	2000		4	H20	0.8	BPR5ES BP5ES
CABALL	3.0 12V	3000	1973->1976	4	ED30		Y-202
CABALL	3.0 12V	3000	1976->1977	4	ED30		Y-202-1
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	1976->1977	4	ED30		Y-252
CABALL	3.0 24V	3000	1980->1981	4	ED30		Y-272T
CABALL	3.0 24V	3000	1981->	4	ED30		Y-272R-1
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-112R1
CABSTAR	2.2 24V	2200	1977->1979	4	SD22		Y-177-1
CABSTAR	2.2 24V	2200	1979->1982	4	SD22		Y-181T
CABSTAR	2.3	2300		4	SD23		Y-112M1
CABSTAR	2.3	2300		4	SD23		Y-112M1
CABSTAR	2.3	2300		4	TD23		Y-707RS
CABSTAR	2.3	2300		4	TD23		Y-707RS
CABSTAR	2.5	2500		4	SD25		Y-112M1
CABSTAR	2.5	2500		4	TD25		Y-707RS
CABSTAR	2.5 F23, H41	2500		4	TD25		Y-707RS
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
CABSTAR	3.3	3300		4	ED33		Y-955RS
CABSTAR	3.3	3300		4	ED33		Y-955RS
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	2.3	2300	1982->	4	SD23		Y-112RS1
F22	2.7	2700		4	TD27		Y-707RS
F22	3.3	3300		4	ED33		Y-955RS
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-112R1
FORKLIFT	1.5 24V	1500		3	SD15T NH02		Y-162R1
FORKLIFT	2.2 12V	2200	1981->	4	SD22 QF01A, QF02A		Y-103-2
FORKLIFT	2.2 24V	2200	1981->	4	SD22 QF01A, QF02A		Y-177-1
FORKLIFT	2.5	2500		4	SD25 CEF02, EF02, EGF02		Y-103-2
FORKLIFT	2.5 24V	2500		4	SD25 EF02		Y-177-1
FORKLIFT	2.5 24V	2500		4	SD25 EF02A		Y-177-1
FORKLIFT	2.5 12V	2500		4	SD25 H01, H02		Y-112R1
FORKLIFT	2.5 24V	2500		4	SD25 H01, H02		Y-162R1
FORKLIFT	3.3	3300		6	SD33 FD005, FD006, FD007 SERIES 12V		Y-103
FORKLIFT	3.3	3300		6	SD33 FD005, FD006, FD007 SERIES 24V		Y-177-1
FORKLIFT	3.3	3300		6	SD33T F03		Y-162R1
FORKLIFT	4.2	4200		6	TD42 F03, F05		Y-757RS
FORKLIFT			2010->		K25	0.8	FR2B-D
H41	2.5	2500		4	TD25		Y-707RS
H41	2.7	2700		4	TD27		Y-707RS

NISSAN DIESEL				NISSAN DIESEL	
BUS			1975->	ED6	Y-252
CONDOL	2.5	2500	1981->	SD25	Y-162R1
CONDOL	3.3	3300	1981->	ED33	Y-272R-1



COMMERCIAL VEHICLES



- DIESEL VEHICLE



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Recommended
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Alternative
15 000km
Service Interval

NISSAN DIESEL			NISSAN DIESEL		
CONDOL	1975->	ED6	Y-252		

OPEL						OPEL
BEDFORD	2.0 BLITZ D	2000	1975->1978	4	21D 97000	Y-403T
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
BEDFORD	2.1 BLITZ D	2100	1975->1979	4	MOT.-NR. 21 DT-36243	Y-403T

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	2.5TDI	2500	1996->	4	DJ5TED	Y-738U
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->	4	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
R 18	2.1D	2100	1984->1986	4	J8S	Y-924J
R 18	2.1TD	2100	1984->1986	4	J8S (68CH)	Y-924J
R 19	1.9TD	1900	1990->1996	4	F8Q610,740,744,768	Y-933J
R 21	1.9D NEVADA	1900	1991->1995	4	F8Q710	Y-924J
R 21	2.1D NEVADA	2100	1989->1993	4	J8S...	Y-924J
R 25	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
VEL SATIS	2.2DCI	2200	2002->2003	4	G9T702	Y-517J
VEL SATIS	3.0DCI V6	3000	2002->2003	6	P9X (ISUZU)	CZ24
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 24V	2400		4	2L	Y-168R
4RUNNER	2.4D 12V	2400		4	2L	Y-118R
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
COASTER	12V		1993->	13B		Y-147T
COASTER	24V		1993->	13B		Y-197T
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-118R
DYNA	2500 12V	2500	1993->	4	2L	Y-715R
DYNA	2500 24V	2400		4	2L	Y-168R
DYNA	2800	2800	1993->	4	3L	Y-715R



COMMERCIAL VEHICLES



- DIESEL VEHICLE

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Cylinder



Engine



Gap



Recommended
Manufacturers
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Alternative
15 000km
Service Interval

COMMERCIAL VEHICLES

TOYOTA							TOYOTA
DYNA	2.5D	2500	2000->	4	2KD-FTV	Y-531J	
DYNA	3000	3400	1982->	4	3B	Y-197T	
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	3000	1993->	4	B 11B	Y-197T	
DYNA	3000 24V		1977->1980		2B	Y-178T	
DYNA	3000 24V		1980->		2B	Y-197T	
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	3700 24V		1993->		14B	Y-197T	
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	

VOLKSWAGEN							VOLKSWAGEN
TRUCK	2.4D 24V	2400	1973->	4	2L	Y-118R	
TRUCK	2.4D 24V	2400	1973->	4	2L	Y-168R	
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
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	



ATV



Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval
ARCTIC CAT								
50	50 ATV	50	2006->	1		0.8	CR7HSA	ARCTIC CAT
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	CPR8E	
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								
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		1.0	IFR8H-11	
550	K550 MONSTER FI	550	2011->	1		0.8	DR8EA	
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->	1		0.8	DCPR8E	
CAGIVA								
125	RAPTOR	125	2004->	1		0.8	BR9EG	BR9ES
650	RAPTOR	650	2000->	2		0.8	CR8E	
GAS GAS								
300	HP 300 WILD ATV	300	2003->	1		0.8	BR8EIX	BR8ES
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								
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	DR8E5-L	
250	ATC250ES,SX	250	1985->	1		0.7	D8EA	DR8EA
250	ATC250R	250	1985->1987	1		0.8	B8E5	BR8E5
250	ATC250R ATV	250	1984->1986	1		0.8	BR9E5	
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	BR9E5	
250	TRX250TM ATV	250	1996->2006	1		0.9	DPR8EA-9	
250	TRX250X ATV	250	1985->1987	1		0.7	DR8E5-L	
300	TRX300 FWP4X4	300	2000->2006	1		0.9	DPR8EA-9	
300	TRX300EX ATV	300	1993->2005	1		0.7	DR8E5-L	
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	

ATV



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HONDA							HONDA
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		1.1	IFR5L-11
650	TRX650FGA ATV	650	2005->	1		1.1	IFR5L-11
680	TRX680FA	680	2006->	1		1.1	IFR5L-11

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		1.0	BPR7HS-10
160	KLT160	160	1985->	1		0.7	C6HSA
185	KLF185	185	1985->1988	1		0.7	D8EA
185	KLF185 BAYOU	185	1985->1988	1		0.7	D8EA
200	KLT200	200	1981->1984	1		0.8	B7ES
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
360	KVF360 ATV	360	2003->2006	1		0.9	DPR8EA-9
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
650	KVF650 ATV	650	2005->	2		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

LEE							LEE
50	CAYMAN ATV	50	1997->2004	1		0.8	BR8HS
50	CONDOR ATV	50	1997->2004	1		0.8	BR8HS

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



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POLARIS POLARIS

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		1.0	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	CR8EB	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	
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YAMAHA YAMAHA

80	YFM 80G ATV	80	2005->2006	1		0.8	CR7HSA	
80	YFM80E	80	1993->	1		0.7	C7HSA	CR7HSA
80	YFM80N	80	1985->2001	1		0.7	C7HSA	CR7HSA
125	YFM 125 ATV	125	2005->2006	1		0.8	CR7HSA	
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	1993->	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->2008	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	
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	

ATV



GOLF CART



Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval
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								
						0.8	FR2A-D	
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

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Manufacturers
Specification

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APRILIA							APRILIA	
Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval
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	
250	RS 250	250	1995->2003	2		0.8	BR9ECM	
400	SCARABEO 400	400	2007->	1		0.8	CR7EKB	
450	ENDOMOTO 450	450	2007->	2		0.8	CR8EK	
450	RXV 450	450	2006->	2		0.8	CR8EB	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	CR7EKB	
750	SHIVER GT 750	750	2009->	2		0.8	CR7EKB	
850	MANA GT 850	850	2009->	2		0.8	CR7EKB	
1000	ETV 1000	1000	2001->2004	2		0.8	DCPR9E	
1000	FALCO 1000 SL	1000	2000->	2		0.7	DCPR9EVX	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	DCPR9EVX	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	CR9EKB	CR9EK
1200	DORSODURO 1200	1200	2010->	2		0.8	CR9EKB	CR9EK
BAJAJ							BAJAJ	
Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval
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	
Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval
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
BIG BOY							BIG BOY	
Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval
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



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BIG BOY							BIG BOY	
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	
BMW							BMW	
450	G450C	450	2008->	1		0.8	CR9EKB	CR9EK
450	G450X	450	2008->	1		0.8	CR9EKB	CR9EK
500	R50 & R51 SERIES 12.7MM	500	1951->1954	2		0.7	B7HS	BR7HS
500	R50 & R51 SERIES 19.0MM	500	1955->1969	2		0.8	B8ES	BR8ES
500	R50/5	500	1969->1973	2		0.8	BPR7ES	
600	R60 & R69 SERIES 12.7MM	600	1956->1969	2		0.8	B8HS	BR8HS
600	R60/5,6,7	600	1976->1978	2		0.8	BPR6ES	BP6ES
600	R60 & R69 SERIES 19.0MM	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	DR8EB	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	DR8EB	DR8EA
650	F650 S/M	650	2003->2007	1		0.8	DR8EB	DR8EA
650	G650 XCHALLENGE XCOUNTRY	650	2007->	1		0.8	DR8EB	DR8EA
650	G650X CHALLENGE	650	2007->	1		0.8	DR8EB	DR8EA
650	G650X COUNTRY	650	2007->	1		0.8	DR8EB	DR8EA
650	R 65	650	1978->	2		0.8	BPR7ES	
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 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->	2		0.8	BKR7EKC	
900	R90/6, R90S	900	1976->	2		0.8	BPR6ES	BP6ES
1000	G5100	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->	4		0.8	MAR8B-JDS	
1200	R1200R	1200	2007->	2		0.7	DCPR8EKC	
1200	R1200R	1200	2010->	4		0.8	MAR8B-JDS	
1200	R1200RT	1200	2006->2008	2		0.7	DCPR8EKC	
1200	R1200RT	1200	2009->2010	2		0.7	DCPR8EKC	



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BMW							BMW
1200	R1200RT	1200	2011->	2		0.8	MAR88-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
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	CR9EKB CR9EK
1125	1125 R	1125	2008->	2		0.8	CR9EKB CR9EK

BUELL							BUELL
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
1000	SPYDER ROADSTER 1000	1000	2008->	2		0.8	DCPR9E

DERBI							DERBI
125	TERRA 125	125	2008->	1		0.8	CR8EB 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		0.9	DCR8EIX
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	DCR9EIX
750	GT,S,SPORT 750	750	1974->1990	2		1.0	BPR7HS-10
750	SPECIAL SS 750	750	1972->1974	2		1.0	BPR7HS-10
750	SS 750	750	1991->	2		0.6	DCR8EIX
750	SUPERBIKE 749,S, DARK 750	750	2005->2006	2		0.8	CR9EIX
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
900	SS,SD,S2 900	900	1980->1987	2		0.7	B7HS BR7HS
916	ST4 916	916	1998->2003	2		0.7	DCR9EIX
944	ST2 944	944	1997->2003	2		0.9	DCR9EIX
989	DESMOEDICI 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	DCPR9EVX DCPR9E
998	SP 998	998	2006->	2		0.8	MAR10A-J
999	RS 999	999	2003->	2		0.8	CR9EB



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999	RS 999	999	2005->	2		0.7	DCPR9EVX DCPR9E
1000	CLASSIC SPORT 1000	1000	2006->	2		0.8	DCPR8E
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
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	BP55
1200	EVOLUTION XL V-2 1200	1200	1986->2005	2		0.7	DCPR7E
1200	FLH, FX, FXE 1200	1200	1974->	2		0.6	BP55
1200	FLH, FX, FXE 1200	1200	1975->1980	2		1.1	BP5ES-11 BPR5ES-11
1200	SPORTSTER 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	DCR8EIX
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		1.0	ZGR5C
1340	SHOVEL HEAD: FL, FLH, FLHS 1340	1340	1982->1983	2		1.0	ZGR5C
1340	SHOVEL HEAD: FX5B 1340	1340	1983->1984	2		1.0	ZGR5C
1340	SHOVEL HEAD: FXE 1340	1340	1982->1984	2		1.0	ZGR5C
1340	SHOVEL HEAD: FXEF, FXRS 1340	1340	1982->1983	2		1.0	ZGR5C
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		1.0	ZGR5C
1340	SHOVEL HEAD: FXWG 1340	1340	1984->	2		1.0	ZGR5C
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
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



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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	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-9	
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	CPR7EA-9	
125	CBR 125R	125	2004->2006	1		0.8	CR9E	
125	CBR 125R	125	2007->	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
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	RS125R	125	1987->1997	1		0.8	R6385-105P	



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HONDA							HONDA	
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-9	
150	NSR150R	150	1995->2002	1		0.8	B8ES	BR8ES
150	NSR150SP	150	1995->2002	1		0.7	BR9ECS	
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	DR8ES-L	
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	CMX250C,REBEL	250	1996->2006	1		0.7	CR6HSA	
250	COTA 4RT 250	250	2009->	1		0.9	CR6EH-9	
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	2009->	1		0.8	R0451B-8	
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	
250	RS250R	250	1989->1997	1		0.8	R6120-105	
250	RTL250F	250	1983->1986	1		0.9	CR6EH-9	
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



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HONDA							HONDA	
280	SH280	280	2007->	1		0.9	LMAR8A-9	
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	SILMAR9A-9S	
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	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	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	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	
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	CR9EHVX-9	CR9EH-9
600	CBR600RR	600	2003->2004	4		0.9	IMR9C-9HES	
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	IMR9E-9HES	
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	



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HONDA							HONDA	
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	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	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	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	CR9EHVX-9	CR9EH-9
900	CBR900RRY	900	2000->	4		0.9	CR9EHVX-9	CR9EH-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	CB 1000 R	1000	2008->	4		0.9	IMR9C-9HES	
1000	CB1000R	1000	2008->	4		0.9	IMR9C-9HES	
1000	CB1000R	1000	2008->	4		0.9	IMR9C-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 FIREBLADE	1000	2008->	4		0.9	IMR9E-9HES	
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-9HES	
1000	CBR1000FK,FL	1000	1987->1988	4		0.9	DPR9EA-9	
1000	CBR1000RR	1000	2005->	4		0.9	IMR9C-9H	
1000	CBR1000RR	1000	2010->	4		0.9	IMR9E-9HES	
1000	CBR1000RR FIREBLADE	1000	2009->	4		0.9	IMR9E-9HES	
1000	CBR1000RR FIREBLADE	1000	2009->	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	FR8BI-11	
1000	VTR1000 SP2	1000	2002->	2		1.1	IFR8H-11	
1000	VTR1000F FIRESTORM	1000	1997->	2		0.9	DPR9EVX-9	DPR9EA-9
1000	VTR1000SP1	1000	2000->	2		1.1	FR9BI-11	



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HONDA							HONDA	
1000	XL1000	1000	1982->1985	2		0.9	DP8EVX-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	DP8EVX-9	DPR8EA-9
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	CR9EHVX-9	CR9EH-9
1100	CBR1100XV	1100	1995->1996	4		0.9	CR9EHVX-9	CR9EH-9
1100	CBR1100XX BLACKBIRD	1100	1997->	4		0.9	CR9EHVX-9	CR9EH-9
1100	CBR1100XX SUPER BLACKBIRD	1100	2001->	4		0.9	CR9EHVX-9	CR9EH-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	1200	1984->1987	4		0.9	DP8EA-9	DPR8EA-9
1200	VFR1200 F	1200	2010->	4		0.9	IMR9E-9HES	
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	
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	IFR6L-11	
1800	VTX1800	1800	2001->	6		1.1	IFR6L-11	
1800	VTX1800	1800	2003->	6		1.1	BKR6E-11	
1880	GL1880	1880	2001->	6		0.8	BKR6E	

HUSQVARNA							HUSQVARNA	
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
125	CR125	125	1990->1997	1		0.8	BR9EG	BR9ES
125	MOTOCROSS CR125	125	1990->1997	1		0.8	B9ES	BR9ES
125	SM125S	125	1998->2003	1		0.8	BR9EG	BR9ES
125	WMX 125	125	1990->1992	1		0.8	B9ES	BR9ES
125	WR 125	125	1998->2004	1		0.8	BR9EG	BR9ES
125	WR125	125	1998->2006	1		0.8	B9ES	BR9ES
125	WRE125	125	1998->2001	1		0.8	B9EG	BR9EG
250	250 TC	250	2002->2005	1		0.8	CR8EB	CR8E
250	250 TE	250	2002->2005	1		0.8	CR8EB	CR8E
250	250 WR	250	2002->2005	1		0.8	BR8EG	
250	MOTOCROSS RT,CR250	250	2002->2004	1		0.8	B8ES	BR8ES
250	SPORTSMAN ENDURO 250	250	->1971	1		0.8	B9ES	BR9ES
300	WR300	300	2009->	1		0.8	BR8EIX	BR8ES
310	TE310	310	2009->	1		0.8	CR8EB	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	450 SMR	450	2004->	1		0.8	CR8EB	CR8E
450	450 TC	450	2002->2005	1		0.8	CR8EB	CR8E
450	450 TE	450	2002->2005	1		0.8	CR8EB	CR8E
450	MOTOCROSS 450	450	2001->2002	1		0.8	B8ES	BR8ES
450	SM450R	450	2003->	1		0.8	CR8EB	CR8E
460	460MX CR	460	1987->	1		0.8	B8ES	BR8ES
500	500TC	500	1986->	1		0.7	D8EA	DR8EA
510	501TX, 510TE	510	1987->1990	1		0.7	D8EA	DR8EA
510	510 TC	510	2004->2005	1		0.8	CR8EB	CR8E
510	510 TE	510	2004->2005	1		0.8	CR8EB	CR8E
510	CROSS COUNTRY 510	510	1990->	1		0.7	C7E	CR7E
510	MOTOCROSS 510	510	1990->	1		0.7	C7E	CR7E
570	NOX570	570	2001->	1		0.7	C7E	CR7E
570	SM570R	570	2004->	1		0.8	C8E	CR8E



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HUSQVARNA							HUSQVARNA	
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	CPR8E	
610	SM610S	610	2003->	1		0.8	C8E	CR8E
630	SMR 630	630	2004->	1		1.0	R0045J-10	
630	TE 630	630	2010->	1		0.8	CR8EB	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	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	
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	DR8ES-L	

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	KX65ACF	65	2011->	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	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



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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	R6252K105	
110	KH110	110	1983->1995	1		0.8	B8ES	BR8ES
110	KL110	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	KE125 A3-A6	125	1976->1983	1		0.8	B8HVX	B8HS
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	2004->	1		0.8	R6918B-9	
125	KX125	125	2004->	1		0.8	R6918B-9	
125	KX125	125	2006->	1		0.8	BR9ECMIX	
125	KX125	125	2006->2008	1		0.8	R6918B-9	
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	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	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	KX250F	250	2004->	1		0.8	CR8EB	CR8E
250	KX250F	250	2004->	1		0.8	CR8EB	CR8E
250	KX250R	250	2005->	1		0.8	BR8ECM	
250	KX250R	250	2007->	1		0.8	BR8ECMIX	
250	KX250YCF	250	2011->	1		0.9	CPR9EB-9	
250	KXT250	250	1990->1991	1		0.8	B8ES	BR8ES
250	KZ250C	250	1983->	1		0.8	B8ES	BR8ES
250	Z250	250	1971->1972	1		0.8	B8ES	BR8ES
250	Z250	250	1998->	1		0.8	BR7ES	
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	
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,I,K	400	1982->	2		0.7	D8EA	DR8EA
400	KZ400,E,I,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	DR9EA	
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	



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KAWASAKI							KAWASAKI	
450	KSF450BCS	450	2011->	1		0.9	CPR8EB-9	
450	KX450	450	1974->	1		0.8	B9ES	BR9ES
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	DR9EA	
500	EX500	500	1990->	2		0.7	D9EA	DR9EA
500	EX500D NINJA	500	1997->2006	2		0.7	DR9EA	
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		1.0	B9HS-10	BR9HS-10
500	KLE500	500	1990->2005	2		0.7	DR9EA	
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	DR9EA	
600	600R NINJA	600	1992->2000	4		0.7	D9EA	DR9EA
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	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	
650	ER-6F,N 650	650	2006->2008	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	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	DR9EA	
750	ZR750H	750	2001->2005	4		0.7	DR9EA	
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



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900	VN900	900	2009->	4		0.9	CPR7EA-9
900	VN900 CLASSIC	900	2006->	4		0.9	CPR7EA-9
900	ZX-9R NINJA 900	900	1994->	4		0.8	CR9EK
1000	1000R NINJA	1000	1991->1997	4		0.7	D8EA
1000	GPZ1000	1000	1982->	4		0.7	D8EA
1000	GPZ1000R	1000	1985->1989	4		0.7	D8EA
1000	GPZ1000RX	1000	1982->1985	4		0.7	D8EA
1000	KLV1000	1000	2004->	4		0.8	CR8EK
1000	KZ1000J	1000	1993->	4		0.8	B8ES
1000	Z1 1000	1000	1985->1989	4		0.8	B8ES
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
1000	Z1000LTD	1000	1981->1984	4		0.7	D8EA
1000	Z1000RX	1000	1981->1984	4		0.7	D8EA
1000	ZG1000	1000	1986->	4		0.7	D9EA
1000	ZR1000ECF	1000	2011->	4		0.9	CR9EIA-9
1000	ZX-10	1000	1999->2001	4		0.8	C9E
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
1100	GPZ1100,ABS	1100	1997->	4		0.8	CR9EK
1100	LTD 1100	1100	1985->1987	4		0.8	B8ES
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
1100	ZZR1100	1100	1997->	4		0.8	CR9E
1200	VOYAGER-XII 1200	1200	1993->	4		0.9	DP8EA-9
1200	ZRX1200R,S	1200	2001->	4		0.8	CR9EK
1200	ZX-12R NINJA	1200	2001->	4		0.7	CR9EKPA
1200	ZZR1200	1200	2002->	4		0.8	CR9E
1300	KZ1300A	1300	1979->1982	6		0.8	B8ES
1300	VOYAGER 1300	1300	1983->1988	6		0.8	BPR6ES
1300	Z1300	1300	1978->1979	6		0.8	BPR6ES
1400	GTR 1400	1400	2007->	4		0.9	CR9EIA-9
1400	VULCAN 1400	1400	2008->	4		1.1	ILZKARZB11
1400	ZG1400CCF	1400	2011->	4		0.9	CR9EIA-9
1400	ZX14 1400	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	JT1500HCF	1500	2011->	4		0.8	PMR9B
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	DR6EA-9
2000	VN2000	2053	2004->	2		1.1	IZFR6F-11

KAZUMA							KAZUMA
50	MEERKAT 50	50	2011->	1		0.8	C7HSA
50	WOMBAT 50	50	2011->	1		0.8	C7HSA
90	MEERKAT 90	90	2011->	1		0.8	C7HSA
110	BABY FALCON 110	110	2011->	1		0.8	C7HSA
110	COYOTE 110	110	2011->	1		0.8	C7HSA
110	FALCON 110 MKI	110	2011->	1		0.8	C7HSA
110	FALCON MKII 110	110	2011->	1		0.8	C7HSA
110	VIPER 110	110	2011->	1		0.8	C7HSA
125	CHEETAH 125	125	2011->	1		0.8	C7HSA
125	EAGLE 125	125	2011->	1		0.8	C7HSA
125	SPRINGBOK 125	125	2011->	1		0.8	C7HSA
150	COYOTE 150	150	2011->	1		0.8	C7HSA
150	DINGO 150	150	2011->	1		0.8	D8EA
150	FALCON 150	150	2011->	1		0.8	C7HSA
150	JAGUAR 150	150	2011->	1		0.8	C7HSA
150	SPRINGBOK 150	150	2011->	1		0.8	C7HSA
200	CHEETAH 200	200	2011->	1		0.8	D8EA
250	ADULT FALCON 250	250	2011->	1		0.8	D8EA
250	COUGAR 250	250	2011->	1		0.8	D8EA
250	DINGO 250	250	2011->	1		0.8	D8EA
250	FALCON 250	250	2011->	1		0.8	D8EA



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KAZUMA							KAZUMA	
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	PRO SENIOR 50	50	2000->	1	0.8	B8HVX	B8HS	
50	SX 50	50	2008->	1	0.8	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		
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	EXC-F 250	250	2007->	1	0.8	CR9EKB	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	CR9EKB	CR9EK	
250	SX 250 4 TAKT	250	2005->2009	1	0.8	CR9EKB	CR9EK	
250	XCF-W 250	250	2010->	1	0.8	CR9EKB	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		
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	CR9EKB	CR9EK	
450	SX-F 450	450	2007->	1	0.8	CR9EKB	CR9EK	
450	SX 450	450	2003->	1	0.8	DCPR8E		
450	SX,SX-F 450	450	2010->	1	0.8	CR9EKB	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	



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KTM								KTM
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	CR9EKB	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	
530	EXC,SIX DAYS,XC-W,XC-W SIX	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	ADV 625	625	2005->	1		0.8	KR8AI	
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	DR9EA	
654	PRESTIGE 654	654	2007->	1		0.9	LKAR8AI-9	
690	DUKE BLACK,ORANGE, WHITE	690	2010->	1		0.9	LKAR8AI-9	
690	ENDURO,ENDURO R 690	690	2010->	1		0.9	LKAR8AI-9	
690	SMC 690	690	2010->	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	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	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	
1148	RC8 1148	1148	2008->	2		0.9	LKAR9BI-9	
1195	RC8R 1195	1195	2009->	2		0.9	LKAR9BI-9	
1195	RC8R 1195	1195	2009->	2		0.9	LKAR9BI-9	

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	



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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	
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
MONTESSA							MONTESSA	
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 1200	1150	2006->2009	2		0.8	BPR6ES+PMR8B	
1150	STELVIO 1200	1150	2008->	2		0.8	CR8EK	
1150	STELVIO 1200 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
MV AGUSTA							MV AGUSTA	
750	BRUTALE 750	750	2000->	4		0.8	CR9EK	
750	F4 S1 BIPOSTO ORO S 750	750	2000->	4		0.8	CR9EK	
989	BRUTALE R 989	989	2008->	4		0.8	CR9EB	
1000	F4 SENNA 1000	1000	2006->	4		1.0	R0045J-10	
1078	BRUTALE 1078RR	1100	2008->	4		0.8	CR9EB	



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MV AGUSTA								
1078	F4 1078RR	1100	2008->	4		0.8	CR9EB	MV AGUSTA
PGO								
90	PMX 90	90	1991->1993	1		0.7	BP7HS	PGO
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								
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								
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								
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	
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



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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	RM125	125	1996->2005	1		0.8	R6918B-9	
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
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		1.0	CR8EIA-10	
250	RMZ250	250	2004->2006	1		0.8	CR8EB	CR8E
250	RMZ250	250	2006->	1		1.0	CR8EIA-10	
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



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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	C8HSA	
400	GSXR400	400	1993->	2		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	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		1.0	DIMR8B-10	
450	RMZ450	450	2004->	1		1.0	CR8EIB-10	
450	RMZ450	450	2007->	1		1.0	DIMR8A-10	
450	RMZ450	450	2008->	1		1.0	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	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	DR8ES-L	
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



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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	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	2001->2005	4		0.8	CR9E	
1000	GSX R-1000	1000	2001->2005	4		1.0	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	
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	JR8B	
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	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	



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1800	VZR1800Z	1800	2007->2009	2	0.8	CR8EK	
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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	SPEED TRIPLE 675	675	2007->	3	0.8	CR9EK	
750	750 TRIDENT LIQUID COOLED	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	BONNEVILLE T100	865	2008->	2	0.9	DPR8EA-9	
865	THRUXTON 900	865	2004->	2	0.9	DPR8EA-9	
900	900 ADVENTURER LIQUID	900	1996->2001	3	0.9	DPR8EA-9	
900	900 DAYTONA LIQUID COOLED	900	1994->1996	3	0.9	DPR9EA-9	
900	900 SPEED TRIPLE LIQUID	900	1997->	3	0.9	DPR8EA-9	
900	900 SPRINT LIQUID COOLED	900	1993->1996	3	0.9	DPR8EA-9	
900	900 SUPER 111 LIQUID COOLED	900	1994->1997	3	0.9	DPR9EA-9	
900	900 THUNDERBIRDTHUNDERBIRD	900	1995->2004	3	0.9	DPR8EA-9	
900	900 TIGER LIQUID COOLED DOHC	900	1993->1998	3	0.9	DPR9EA-9	
900	900 TRIDENT LIQUID COOLED	900	1991->1998	3	0.9	DPR9EA-9	
900	900 TROPHY LIQUID COOLED	900	1991->1995	3	0.9	DPR9EA-9	
955	955 DAYTONA I	955	2002->2004	3	0.8	CR9EK	
1050	1050 TIGER	1050	2011->	3	0.8	CR8EK	
1200	1200 DAYTONA LIQUID COOLED	1200	1993->2000	4	0.9	DPR9EA-9	
1200	1200 TROPHY LIQUID COOLED	1200	1991->2003	4	0.9	DPR9EA-9	
2300	2300 ROCKET3	2300	2004->	3	0.9	DPR8EA-9	

VICTORY VICTORY

1634	HAMMER 100CU IN FREEDOM	1634	2006->	2	0.9	CPR6EB-9	
1634	NESS SIGNATURE JACKPOT 1634	1634	2006->	2	0.9	CPR6EB-9	
1634	TOURING CRUISER 1634	1634	2006->	2	0.9	CPR6EB-9	
1634	VEGAS 1634	1634	2006->	2	0.9	CPR6EB-9	
1634	VEGAS 8 BALL 1634	1634	2006->	2	0.9	CPR6EB-9	
1634	VEGAS JACKPOT 1634	1634	2006->	2	0.9	CPR6EB-9	

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

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	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



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YAMAHA							YAMAHA	
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	
50	V50E	50	2007->2007	1		0.7	B7HS	BR7HS
50	YA50	50	1997->	1		1.0	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
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	
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		1.0	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	125	1975->	1		0.8	B8HVX	B8HS
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	RS125	125	1976->1984	1		0.8	B8HVX	B8HS
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	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	YP125XR 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	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,J,K,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	TZ250 3YLI	250	1991->	2		0.8	R5184-95	
250	TZ250U	250	1991->	2		0.8	R5184-95	
250	TZ250	250	1995->	2		0.8	R6179A-105P	
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 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	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	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
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



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YAMAHA							YAMAHA	
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	WR426	426	2000->	1		0.8	CR8E	
426	YZ426F	426	2000->	1		0.8	CR8E	
450	WR450F	450	2003->2005	1		0.8	CR8E	
450	WR450F	450	2003->2005	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	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	600	1999->2010	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	
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	XT660X	660	2006->	1		0.8	CR7E	
660	XT660X,R	660	2004->	1		0.8	CR7E	
750	FZ750N	750	1988->	1		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	



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YAMAHA							YAMAHA
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
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	CPR7EA-9
950	XVS950A MIDNIGHT STAR	950	2009->	2		0.9	CPR7EA-9
1000	FZ1 1000	1000	2006->	4		0.8	CR9EK
1000	FZR1000	1000	1987->1988	4		0.7	D8EA
1000	FZR1000	1000	1989->1993	4		0.8	DR8ES-L
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		1.0	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->	4		0.8	LMAR9E-J
1000	R1 YZF1000.	1000	2004->	4		0.8	CR9EK
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
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
1200	FJ1200S	1200	1984->1985	4		0.9	DP8EA-9
1200	FJ1200T	1200	1986->1993	4		0.9	DP8EA-9
1200	VMX1200 V-MAX	1200	1985->2006	4		0.9	DPR8EA-9
1300	FJR1300	1300	2001->	4		0.8	CR8E
1300	FJR1300	1300	2003->2005	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	XV1700 ROAD STAR	1700	2002->2005	2		0.9	DPR7EA-9

MOTORCYCLES



SCOOTERS



Model

Type

Capacity

Year

Cylinder

Engine

Gap

Recommended
Manufacturers
Specification

Alternative
15 000km
Service Interval

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 D10 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	TSQ 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-9	
125	L125S DIFA	125	2005->	1		0.6	BP6HS	BPR6HS
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	LMAR8A-9	
300	SH 300	300	2007->	1		0.9	LMAR8A-9	
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
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	



SCOOTERS



Model

Type

Capacity

Year

Cylinder

Engine

Gap

Recommended
Manufacturers
Specification

Alternative
15 000km
Service Interval

KYMCO KYMCO

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		1.0	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-6N	
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	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
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VUKA VUKA

90	EL 90	90	2011->	1		0.8	C7HSA	CR7HSA
110	XL 110	110	2011->	1		0.8	C7HSA	CR7HSA

YAMAHA YAMAHA

125	XRI 125	125	2011->	1		0.8	C7HSA	CR7HSA
150	XTI 150	150	2011->	1		0.8	C7HSA	CR7HSA
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	CPR7EA-9	



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

MERCUISER		MERCUISER	
110		0.8	BPR6ES BP6ES
120		0.8	BPR6ES BP6ES
120		0.8	BP6FS BPR6FS
140	140-4	0.8	BPR6ES BP6ES
140	140-4	0.8	BP6FS BPR6FS
140	140-6	0.8	BPR6ES BP6ES
150		0.8	BPR6ES BP6ES
160		0.8	BPR6ES BP6ES
165		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		0.8	B7S
225		0.7	B6S
225		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		0.8	AP6FS APR6FS
255		0.8	BP5FS BPR5FS
260		0.8	BP6FS BPR6FS
310		0.8	B7ES BR7ES
325		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



MARINE

JET SKI



- DIESEL VEHICLE



Model

Type

Capacity

Year

Cylinder

Engine

Gap

Recommended
Manufacturers
Specification

Alternative
15 000km
Service Interval

AQUAJET							AQUAJET	
Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval
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	ZFR4F-11	
950	XP DI STD	950	2004->			1.1	ZFR4F-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	ZFR4F-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	
6135,6136	GTI LE	718	2004->			0.8	BR8ES	
6137,6138	GTI-RFI STD	782	2004->			0.8	BR8ES	
6141,6142	GTX4-TEC LTD	1494	2004->			0.8	DCPR8E	
6147,6148	GTX4 TEC STD	1494	2004->			0.8	DCPR8E	
6151,6152	XP-DISTD	781	2004->			1.1	ZFR4F-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 SX1 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	
1500	STX	1500	2004->			0.8	CR9EK	
1500	STX-15F	1500	2004->2008			0.8	CR9EK	
1500	ULTRA 250X	1500	2007->			0.7	PMR9B	
1500	ULTRA LX JT1500C7F	1500	2007->2008			0.8	CR9EK	
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	



MARINE

JET SKI



- DIESEL VEHICLE



Model

Type

Capacity

Year

Cylinder

Engine

Gap

Recommended
Manufacturers
Specification

Alternative
15 000km
Service Interval

POLARIS

POLARIS

Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative Service Interval
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	PZFR6H-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	

SEA-DOO

SEA-DOO

Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative Service Interval
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	ZFR4F-11	
951	XP951LTD DI	951	2004->			1.1	ZFR4F-11	

YAMAHA

YAMAHA

Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative Service Interval
500	WJ500 WAVE JAMMER 500	500	1987->1990			1.0	BR7HS-10	
500	WR500 WAVE RUNNER 500	500	1987->1994			1.0	BR7HS-10	
650	SJ650 SUPER JET	650	1990->1994			1.0	BR8HS-10	
650	WR650 WAVE RUNNER 650	650	1990->1992			1.0	BR8HS-10	
650	WR650A WAVE RUNNER 650A	650	1990->1993			1.0	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			1.0	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->	4	4 STROKE	0.8	LF6A	
1800	FX1800J	1800	2010->	4	4 STROKE	0.8	LF6A	
1800	GX1800A-H	1800	2009->	4	4 STROKE	0.8	LF6A	
1800	GX1800H	1800	2009->	4	4 STROKE	0.8	LF6A	



MARINE OUTBOARD



- DIESEL VEHICLE



Model

Type

Capacity

Year

Cylinder

Engine

Gap

Recommended
Manufacturers
Specification

Alternative
15 000km
Service Interval

BMW						BMW	
130	B130					0.8	BPR6ES BP6ES
BRIGGS & STRATTON						BRIGGS & STRATTON	
5	5.0HP			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						0.5	B5HS BR5HS
8						0.5	B5HS BR5HS
15						0.8	B8HS BR8HS
18						0.8	B8HS BR8HS
20						0.6	B6HS BR6HS
25						0.5	B5HS BR5HS
28	OCN					0.8	B8HS BR8HS
45	S					0.8	B9HS BR9HS
45						0.8	B8HS BR8HS
55						0.8	B8HS BR8HS
65	S					0.8	B9HS BR9HS
65						0.8	B8HS BR8HS
80	S					0.8	B9HS BR9HS
80						0.8	B8HS BR8HS
90						0.8	B8HS BR8HS
100						0.8	B8HS BR8HS
700	SPORT					0.8	B8HS BR8HS
850	SPORT					0.8	B8HS BR8HS
1000	SPORT					0.8	B8HS BR8HS
CHRYSLER						CHRYSLER	
3.5		1980->1984				0.6	B6HS BR6HS
4		1976->1985				0.6	B6HS BR6HS
6		1978->1982				0.6	B6HS BR6HS
7.5		1978->1984				0.6	B6HS BR6HS
8		1978->				0.6	B6HS BR6HS
9.9		1979->1985				0.7	B7HS BR7HS
10		1974->1978				0.7	B7HS BR7HS
12		1979->				0.7	B7HS BR7HS
15		1974->1985				0.7	B7HS BR7HS
20		1979->1983				0.7	B7HS BR7HS
25		1973->1984				0.7	B7HS BR7HS
30		1979->1982				0.7	B7HS BR7HS
35		1968->1984				0.7	B7HS BR7HS
45	MAGNAPOWER	1971->1978				0	BUH
45		1968->1984				0.7	B7HS BR7HS
50	ECONOMATE	1981->				0.7	B7HS BR7HS
50		1982->1985				0.7	B7HS BR7HS
55	MAGNAPOWER	1969->1981				0	BUH
65	MAGNAPOWER	1977->1978				0	BUH
70	MAGNAPOWER	1979->				0	BUH
70	SKIER 700	1980->				0	BUH
75	MAGNAPOWER	1974->1984				0	BUH
85	MAGNAPOWER	1978->1986				0	BUH
90	MAGNAPOWER	1983->1984				0	BUH
100	MAGNAPOWER	1980->1984				0	BUH
105	MAGNAPOWER	1982->1983				0	BUH
115	MAGNAPOWER	1978->1984				0	BUH
125	MAGNAPOWER	1981->1985				0	BUH
140	MAGNAPOWER	1978->1984				0	BUH
EVINRUDE						EVINRUDE	
1.6	1.6 L 115-SD					1.0	B9HS-10 BR9HS-10
1.8	1.8 L 140-SD					1.0	B9HS-10 BR9HS-10
2		1975->1980				0.7	B6S
2.6	2.6 L 190-SD					1.0	B9HS-10 BR9HS-10
2.7	2.7 L 225-SD					1.0	B9HS-10 BR9HS-10
3.6	3.6 L 275-SD					1.0	B9HS-10 BR9HS-10
4	CDI	1987->				1.0	B9HS-10 BR9HS-10
4	MAG	1987->				0.6	B6HS BR6HS
4		1977->1980				1.0	B9HS-10 BR9HS-10
4		1981->1986				0.6	B6HS BR6HS



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Type

EVINRUDE			EVINRUDE			
Model	Type	Year	Capacity	Engine	Recommended Manufacturers Specification	Alternative 15 000km Service Interval
4.5		1979->1983			1.0 B9HS-10	BR9HS-10
6		1978->1979			0 BUHW-2	
6		1984->1986			1.0 B9HS-10	BR9HS-10
7.5		1980->1983			1.0 B9HS-10	BR9HS-10
8		1984->1987			1.0 B9HS-10	BR9HS-10
9.9	SAIL DRIVE	1978->1983			1.0 B9HS-10	BR9HS-10
9.9		1978->1979			0 BUHW-2	
9.9		1980->1987			1.0 B9HS-10	BR9HS-10
10	COMMERCIAL	1981->1982			0 BUHW-2	
14	COMMERCIAL	1981->			0 BUHW-2	
15	SAIL DRIVE	1981->1984			1.0 B9HS-10	BR9HS-10
15		1978->1979			0 BUHW-2	
15		1980->1987			1.0 B9HS-10	BR9HS-10
20		1985->1987			1.0 B9HS-10	BR9HS-10
25		1978->1986			1.0 B9HS-10	BR9HS-10
25		2003->2005			1.0 BPZ8HS-10	
28		1987->			1.0 B9HS-10	BR9HS-10
30		1984->1986			1.0 B9HS-10	BR9HS-10
35		1977->1987			1.0 B9HS-10	BR9HS-10
40	COMMERCIAL	1982->			0.7 B7HS	BR7HS
40	COMMERCIAL	1984->1987			0 BUHW-2	
40		1981->1987			1.0 B9HS-10	BR9HS-10
40		1982->			0.7 B7HS	BR7HS
40		2004->2005			0.8 PZFR6H	
48		1987->			1.0 B9HS-10	BR9HS-10
50		1978->1983			1.0 B9HS-10	BR9HS-10
55	COMMERCIAL	1982->			1.0 B9HS-10	BR9HS-10
55	COMMERCIAL	1984->1985			1.0 B9HS-10	BR9HS-10
55	COMMERCIAL	1986->			0 BUHXW-1	
55	COMMERCIAL	1987->			0 BUHW-2	
55		1976->1983			1.0 B9HS-10	BR9HS-10
60		1980->1985			1.0 B9HS-10	BR9HS-10
60		2005->			0.8 PZFR6H	
65	COMMERCIAL	1984->1986			1.0 B9HS-10	BR9HS-10
65	COMMERCIAL	1987->			0 BUHW-2	
70		1975->1987			1.0 B9HS-10	BR9HS-10
75	HUSTLER	1975->			1.0 B9HS-10	BR9HS-10
75		1976->1985			1.0 B9HS-10	BR9HS-10
75		2001->2005			0.8 BKR5EK	
85		1975->1980			1.0 B9HS-10	BR9HS-10
90		1981->1987			1.0 B9HS-10	BR9HS-10
90		2001->2005			0.8 BKR5EK	
90	V4 FFI	2000->	4		0.8 PZFR6H	
100	COMMERCIAL	1984->			0 BUHW	
100	COMMERCIAL	1985->1987			0 BUHW-2	
100		1979->1980			1.0 B9HS-10	BR9HS-10
100		2004->2005			0.8 BKR5EK	
110		1986->1987			1.0 B9HS-10	BR9HS-10
115	E-TECH	2005->			0.8 IZFR5J	
115		1975->1984			1.0 B9HS-10	BR9HS-10
115		1985->			0 BUHW	
115		2004->2005			0.8 BKR5EK	
120		1985->1987			1.0 B9HS-10	BR9HS-10
125	COMMERCIAL	1990->			1.0 B9HS-10	BR9HS-10
140	140 S	1977->1979			0 BUHXW-1	
140		1973->1984			0 BUHXW-1	
140		1985->1992			1.0 BR9HS-10	
150		1978->1987			0 BUHXW-1	
150		1988->1992			1.0 B9HS-10	BR9HS-10
155	COMMERCIAL	1978->1986			0 BUHXW-1	
155	COMMERCIAL	1987->			0 BUHW-2	
155	COMMERCIAL	1989->1992			0 BUZ8H	
175		1977->1987			0 BUHXW-1	
175		1988->1992			1.0 B9HS-10	BR9HS-10
175		2005->			0.8 IZFR5J	
185	COMMERCIAL	1984->1985			0 BUHXW-1	
185	COMMERCIAL	1990->1992			1.0 BR9HS-10	
200	F MODELS	2005->			0.8 PZFR6H	
200	F MODELS	2005->			0.8 PZFR6H	
200	F MODELS	2005->			0.8 PZFR6H	
200		1976->1983			0 BUHXW-1	
200		1986->1992			1.0 B9HS-10	BR9HS-10



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EVINRUDE					EVINRUDE	
Model	Type	Year	Capacity	Engine	Recommended Manufacturers Specification	Alternative 15 000km Service Interval
225	F MODELS	2005->			0.8 PZFR6H	
225		1986->			1.0 B9HS-10	BR9HS-10
235		1978->1985			0 BUHXW-1	
250	F MODELS	2005->			0.8 PZFR6H	
250		1991->1992			1.0 BR9HS-10	
275		1985->1988			1.0 BR9HS-10	
300		1986->1992			1.0 B9HS-10	BR9HS-10
HONDA					HONDA	
8.0	BFP 8D1 8.0HP	2001->			0.9 CR5EH-9	
9.9	BFP9.9D1 9.9HP	2001->			0.9 CR5EH-9	
20	BF20				0.6 BM4A	BMR4A
20	BF20D	2003->			0.9 CR5EH-9	
25	BF25D4	2004->			0.7 DR7EA	
30	BF30			30HP	0.7 D8EA	DR8EA
30	BF30D4	2004->			0.7 DR7EA	
30	GB-30				0.6 B6HS	BR6HS
40	GB-40				0.6 B6HS	BR6HS
45	B45				0.6 D6HS	DR6HS
50	BF50			50HP	0.7 DR7EA	
60	BF60	2009->		3	0.9 LMAR6C-9	
75	B75 K				0.6 D6HS	DR6HS
75	BF75	2003->			0.7 DR7EA	
75	BF75 E				0.6 D6HS	DR6HS
75	BF75A			75HP	0.7 DR7EA	
100	BF100 E				0.6 D6HS	DR6HS
115	BF115			130HP	0.8 ZFR7F	
125	AQUA TRAX R-12	2002->2006			0.9 IMR9D-9H	
200	BF200A V6	2002->			1.1 IZFR6K-11	ZFR6K-11
225	BF225A V6	2002->			1.1 IZFR6K-11	ZFR6K-11
JOHNSON					JOHNSON	
1.5		1986->1987			0.7 B6S	
1.6	1.6 L 115-SD				1.0 B9HS-10	BR9HS-10
1.8	1.8 L 140-SD				1.0 B9HS-10	BR9HS-10
2	2R	1971->1979			0.7 B6S	
2		1980->1985			0.7 B6S	
2.5		1986->			1.0 B9HS-10	BR9HS-10
2.6	2.6 L 190-SD				1.0 B9HS-10	BR9HS-10
2.7	2.7 L 225-SD				1.0 B9HS-10	BR9HS-10
3.5		2001->2002			0.7 BPR6HS	
3.6	3.6 L 275-SD				1.0 B9HS-10	BR9HS-10
4	DEL.	1986->1987			1.0 B9HS-10	BR9HS-10
4	R,RW	1977->1980			1.0 B9HS-10	BR9HS-10
4		1985->1987			0.6 B6HS	BR6HS
4.5		1979->1980			1.0 B9HS-10	BR9HS-10
6		1977->1979			0 BUHW-2	
6		1984->1987			1.0 B9HS-10	BR9HS-10
7.5		1980->1983			1.0 B9HS-10	BR9HS-10
8		1984->1986			1.0 B9HS-10	BR9HS-10
8		2002->			0.7 DR5HS	
9.9	E,R,SEL	1977->1979			0 BUHW-2	
9.9		1980->1986			1.0 B9HS-10	BR9HS-10
10	COMMERCIAL	1981->1982			0 BUHW-2	
10		2006->2006			0.8 BR7HS	
14	COMMERCIAL	1981->1982			0 BUHW-2	
15	E,R	1977->1979			0 BUHW-2	
15		1980->1987			1.0 B9HS-10	BR9HS-10
15		2005->			0.8 BKR6E	
15		2006->			0.8 BR7HS	
20		1986->1987			1.0 B9HS-10	BR9HS-10
25	COMMERCIAL	1985->1986			1.0 B9HS-10	BR9HS-10
25	E,R	1977->1979			0 BUHW-2	
25		1980->1986			1.0 B9HS-10	BR9HS-10
28		1985->1987			1.0 B9HS-10	BR9HS-10
30		1984->1987			1.0 B9HS-10	BR9HS-10
35	E,R	1977->1979			0 BUHW-2	
35		1980->1987			1.0 B9HS-10	BR9HS-10
40	40E	1985->1987			1.0 B9HS-10	BR9HS-10
40	COMMERCIAL	1981->			1.0 B9HS-10	BR9HS-10
40	COMMERCIAL	1982->			0.7 B7HS	BR7HS
40	COMMERCIAL	1984->1986			0 BUHW-2	



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JOHNSON				JOHNSON			
40		815	2002->	0.7	DCPR7E		
40			2005->	0.7	DCPR6E		
45	COMMERCIAL		1987->	0	BUHW-2		
50	R		1977->1979	1.0	B9HS-10	BR9HS-10	
50		815	2002->	0.7	DCPR7E		
50			1971->1980	0	BUHW-2		
50			1981->1987	1.0	B9HS-10	BR9HS-10	
50			2005->	0.7	DCPR6E		
55	COM		1986->2005	0	BUHXW-1		
55	COMMERCIAL		1980->1983	0	BUHW		
55	COMMERCIAL		1984->1987	1.0	B9HS-10	BR9HS-10	
55	E		1976->1979	0	BUHW		
60			1980->1987	1.0	B9HS-10	BR9HS-10	
60			2002->2005	0.8	BPR6ES	BP6ES	
65	COMMERCIAL HC		1984->1987	1.0	B9HS-10	BR9HS-10	
65	COMMERCIAL LC		1986->	0	BUHXW-1		
70	EL		1976->1979	1.0	B9HS-10	BR9HS-10	
70			1980->1986	1.0	B9HS-10	BR9HS-10	
70			2002->2005	0.8	BPR6ES	BP6ES	
75	ER		1976->1979	1.0	B9HS-10	BR9HS-10	
75			1980->1987	1.0	B9HS-10	BR9HS-10	
85	ML,ETLR,TXLR		1977->1978	1.0	B9HS-10	BR9HS-10	
85	ML,TL,TX		1979->1980	1.0	B9HS-10	BR9HS-10	
90			1981->1987	1.0	B9HS-10	BR9HS-10	
90			2003->	0.8	BKR6E		
90			2006->	1.0	BPZ8HS-10		
100	COMMERCIAL		1980->	1.0	B9HS-10	BR9HS-10	
100	COMMERCIAL		1984->1987	0	BUHW-2		
100	ML,TLR,TXLR		1979->	1.0	B9HS-10	BR9HS-10	
110			1986->1987	1.0	B9HS-10	BR9HS-10	
115	115ETL		1974->1978	1.0	B9HS-10	BR9HS-10	
115	115ML		1978->1979	1.0	B9HS-10	BR9HS-10	
115	115TL		1979->	1.0	B9HS-10	BR9HS-10	
115	115TXL		1977->1979	1.0	B9HS-10	BR9HS-10	
115			1980->1985	1.0	B9HS-10	BR9HS-10	
115			2006->	1.0	BPZ8HS-10		
120			1985->1987	1.0	B9HS-10	BR9HS-10	
140	ML,TL,TXL		1977->1979	0	BUHXW-1		
140			1980->1984	0	BUHXW-1		
140			1985->1987	1.0	B9HS-10	BR9HS-10	
140			2003->2005	0.8	BKR6E		
150	TL,TXL		1978->1979	0	BUHXW-1		
150			1980->1986	0	BUHXW-1		
150			1987->	0	BUHW-2		
150			2003->2006	1.0	BPZ8HS-10		
155	COMMERCIAL		1984->1986	0	BUHXW-1		
175	TL,TXL		1977->1980	0	BUHXW-1		
175			1977->1986	0	BUHXW-1		
175			1987->	1.0	B9HS-10	BR9HS-10	
185	COMMERCIAL		1984->1986	0	BUHXW-1		
200	TL,TXL		1976->1980	0	BUHXW-1		
200			1981->1986	0	BUHXW-1		
200			1987->	1.0	B9HS-10	BR9HS-10	
225			1986->	0	BUHXW-1		
225			1987->	1.0	B9HS-10	BR9HS-10	
235	TL,TXL		1978->1980	0	BUHXW-1		
235			1978->1985	0	BUHXW-1		
235			1981->1984	0	BUHXW-1		
250	LV6			0	BUZ8H		
250			1993->1991	1.0	BPZ8HS-10		
275			1985->1987	1.0	B9HS-10	BR9HS-10	
300			1983->1986	1.0	BPZ8HS-10		
300			1994->1995	0.7	BPR6HS		

KONIG				KONIG			
4				0.6	B6HS	BR6HS	
5	14MM HEADS			0.5	B5HS	BR5HS	
5	18MM HEADS			0.6	AB-6		
6				0.6	AB-6		
9	14MM HEADS			0.5	B5HS	BR5HS	
9	18MM HEADS			0.6	AB-6		
10				0.7	B7HS	BR7HS	



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KONIG						KONIG	
14					0.5	B5HS	BR5HS
15	14MM HEADS				0.6	B6HS	BR6HS
15	18MM HEADS				0.6	AB-6	
18	14MM HEADS				0.6	B6HS	BR6HS
18	18MM HEADS				0.6	AB-6	
25					0.6	B6HS	BR6HS
30			1979->		0.6	B6HS	BR6HS
30			1979->		0.7	B7HS	BR7HS
32					0.6	B6HS	BR6HS
40					0.6	B6HS	BR6HS
60					0.7	B7HS	BR7HS
65				3	0.7	BP7HS	
70					0.7	B7HS	BR7HS
MARINER						MARINER	
2	2A 646				0.5	B5HS	BR5HS
2	2B 6A1				0.5	B5HS	BR5HS
2.5			1990->		0.6	BP6HS	BPR6HS
2.5			1990->2002		1.0	BPR6HS-10	
3.3			1993->		0.7	BPR6HS	
3.5	642				0.7	B7HS	BR7HS
3.5					0.7	B7HS	BR7HS
4	4A 6E0				0.7	B7HS	BR7HS
4			1990->		1.0	BP7HS-10	BPR7HS-11
4	4A6E0				0.7	B7HS	BR7HS
4			1990->2002	2 STROKE	1.0	BPR7HS-10	
4			1990->2002	4 STROKE	0.7	DCPR6E	
4.4,5.5					1.0	BPR7HS-10	
5	5B 661				0.7	B7HS	BR7HS
5	5C 6E3				0.7	B7HS	BR7HS
5			1990->		1.0	BP7HS-10	BPR7HS-11
5			1990->2002	2 STROKE	1.0	BPR7HS-10	
5			1999->2002	4 STROKE	0.7	DCPR6E	
6			1992->2002	2 STROKE	1.0	BP8H-N-10	
6			2000->2002	4 STROKE	0.7	DCPR6E	
8	8A 655+647				0.6	B6HS	BR6HS
8	8B 677				0.7	B7HS	BR7HS
8	8C 6G1				1.0	B7HS-10	BR7HS-10
8			1993->2002		1.0	BP8H-N-10	
9			1999->2002	4 STROKE	0.9	DPR6EA-9	
9.9	C 682				0.7	B7HS	BR7HS
9.9					1.0	B7HS-10	BR7HS-10
10			1991->		1.5	BP8HS-15	
15	A,C 684 + 651				0.7	B7HS	BR7HS
15	C 684 - CDI				1.0	B7HS-10	BR7HS-10
15	MARATHON		1997->2002		1.5	BP8HS-15	
15	W 662				0.7	B7HS	BR7HS
15			1998->2002	4 STROKE	0.9	DPR6EA-9	
20	A 653				0.6	B6HS	BR6HS
20	C 6A9				0.7	B7HS	BR7HS
20			1985->2002		1.0	BP8H-N-10	
25	C,A 695 + 648				0.7	B7HS	BR7HS
25	MARATHON		1993->2002		1.0	BP8H-N-10	
25	W 6A4				0.7	B7HS	BR7HS
25			1998->2002	4 STROKE	0.9	DPR6EA-9	
28					0.7	B7HS	BR7HS
30	MARATHON		1995->2002		1.0	BP8H-N-10	
30	MARATHON,A,W 689+689B				0.7	B7HS	BR7HS
30			1999->2002	2 4 STROKE	0.9	DPR6EA-9	
30			2000->		0.7	DCPR6E	
40	A 676A				0.8	B8HS	BR8HS
40	C 6E9				0.8	B8HS	BR8HS
40	MARATHON		1995->2002	2	1.0	BP8H-N-10	
40	W 676A,B				0.8	B8HS	BR8HS
40		747	2002->		0.7	DCPR7E	
40		995	2000->		0.7	DCPR6E	
40		995	2002->		0.7	DCPR7E	
45					0	BUHW-2	
48	W 670				0.7	B7HS	BR7HS
50			1990->		0	BUHW-2	
50			1992->		0	BUZ8H	
50			1995->2001	4 STROKE	0.9	DPR6EA-9	



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MARINER						MARINER	
50		2000->			0.7	DCPR6E	
50			3		0	BUHW	
50			4		0	BUHW-2	
55	W55 6A3				0.8	B8HS	BR8HS
55					1.0	B8HS-10	BR8HS-10
60	EFI	2002->			0.7	DCPR7E	
60		1990->			0	BUHW-2	
60		1992->			0	BUZ8H	
60		2001->			0.9	DPR6EA-9	
60			3		0	BUHW	
60					1.0	B8HS-10	BR8HS-10
60					1.0	BPZ8H-N-10	
60		1984->1990	3		0	BUZHW	
70					0	BUHW	
75	MARATHON	1991->2002			0	BUHW-2	
75		2000->		4 STROKE	1.1	LF5A-11	
80		1995->2001			1.0	BP8H-N-10	
80					0	BUHW-2	
85					0	BUHW-2	
90		2000->			1.1	LF5A-11	
90			3		0	BUHW-2	
90			6		0	BUHW	
100	1988				0	BUHW	
115	OPTIMAX	2000->2002			1.1	PZFR5F-11	ZFR5F-11
115		1989->2002	4	2 STROKE	1.0	BP8H-N-10	
115					0	BUHW	
125					1.0	BPZ8H-N-10	
135	MARATHON				0	BU8H	
135	OPTIMAX	1998->2002			1.1	PZFR5F-11	ZFR5F-11
140			6		0	BUZHW	
140					0	BUHW	
150	MAGNUM	2000->			1.0	BPR7HS-10	
150	OPTIMAX	1997->2002			1.1	PZFR5F-11	ZFR5F-11
150	V150 A905890 V6				0	BUHW	
150	V150 A905891 V6				0	BU8H	
150	V6 EFI	2000->			1.0	BPZ8HS-10	
175	EFI	2000->			1.0	BPZ8HS-10	
175	MAGNUM	2000->			1.0	BPR7HS-10	
175	V175 A918688 V6				0	BUHW	
175	V175 A918689 V6				0	BU8H	
200	OPTIMAX	1997->2002			1.1	PZFR5F-11	ZFR5F-11
200	V200 A914497 V6				0	BUHW	
200	V200 A914498 V6				0	BU8H	
200		1997->1999			0	BU8H	
200		2000->			1.0	BPR7HS-10	
220	V220				0	BU8H	
225	OPTIMAX	1998->2002			1.1	PZFR5F-11	ZFR5F-11
225	OPTIMAX				1.0	BPZ8H-N-10	
225					0	BU8H	
250	MAGNUM	1996->2001			0.8	BR8HS	
250					0	BU8H	
275		1991->1994			0	BU8H	

MERCURY						MERCURY	
2.2	2.2,2.5,3,3.3 HP				1.0	BPR6HS-10	
2.2		1984->1989			0.6	BP6HS	BPR6HS
2.5					0.7	BPR6HS	
3.4	L	1984->1986			0	BUHW	
3.4	L	1987->1988			0	BU8H	
3.5		1983->1985			0.7	BP7HS	
3.6		1980->1981			0.7	BP7HS	
3.6		1982->			0.7	BP7HS	
3.9		1967->1968			0.5	B5HS	BR5HS
4	L4SC 1.73L	2007->			0.8	ILFR6G-E	
4		1976->1979			0.6	B6HS	BR6HS
4		1980->1989			0.7	BP7HS	
4		1986->1987			0	BUHW-2	
4.5		1975->1985			0	BUHW-2	
5		1988->1989			1.0	BP7HS-10	BPR7HS-11
6		1986->			1.0	BP7HS-10	BPR7HS-11
6		1987->1989			1.0	BP8HS-10	
6		1993->1994			1.0	BPZ8H-N-10	



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6			2001->2006	2 STROKE	1.0	BPZ8H-N-10	
7.5			1975->1978		0	BUHW-2	
7.5			1979->1985		1.0	B9HS-10	BR9HS-10
8			1986->		1.0	BP7HS-10	BPR7HS-11
8			1987->1989		1.0	BP8HS-10	
8			1993->1994		1.0	BPZ8H-N-10	
8			2001->2006	2 STROKE	1.0	BPZ8H-N-10	
8			2006->2006	4 STROKE	0.7	DCPR6E	
9.8			1975->1978		0	BUHW-2	
9.8			1979->1985		1.0	B9HS-10	BR9HS-10
9.9			1986->		1.0	BP7HS-10	BPR7HS-11
9.9			1987->1989		1.0	BP8HS-10	
9.9			1993->1994		1.0	BPZ8H-N-10	
9.9			2001->2006	2 STROKE	1.0	BPZ8HS-10	
9.9			2006->	4 STROKE	0.7	DCPR6E	
10	SEAPRO				1.5	BP8HS-15	
15			2001->2006	2 STROKE	1.0	BPZ8HS-10	
15					1.0	BP8HS-10	
18	X		1984->1985		0	BUHW	
18			1980->1983		1.0	B9HS-10	BR9HS-10
20	20		1986->1989		0	BUHW	
20	20,200		1970->1980		0	BUHW-2	
20			1992->1994		1.0	BPZ8H-N-10	
20			2001->2006	2 STROKE	1.0	BPZ8H-N-10	
25	250		1980->1983		1.0	B8HS-10	BR8HS-10
25	25XD		1984->1989		0	BUHW	
25	SEA-PRO		1993->1994		1.0	BPZ8H-N-10	
25			2001->2006	2 STROKE	1.0	BPZ8H-N-10	
25			2006->	4 STROKE	0.7	DCPR6E	
30	303		2006->	4 STROKE	0.7	DCPR7E	
30					1.0	BPZ8H-N-10	
35	350		1984->1989		0	BUHW	
40	40		1979->1983		0	BUHW	
40	403		2006->	4 STROKE	0.7	DCPR7E	
40	BIG FOOT		2001->2006	4 STROKE	0.9	DPR6EA-9	
40	SEA PRO		2001->2006	2 STROKE	1.0	BPZ8H-N-10	
45	45		1986->1989		0	BUHW-2	
50	50		1986->1988		0	BUHW	
50	503		2001->2006	2 STROKE	1.0	BPZ8H-N-10	
50	504		2006->	4 STROKE	0.7	DCPR7E	
50	50,500		1976->1985		0	BUHW-2	
50			1993->1994		1.0	BPZ8H-N-10	
55	SEA-PRO		1993->1994		1.0	BPZ8H-N-10	
60	600		1984->1989		0	BUHW	
60	603		2001->2006	2 STROKE	1.0	BPZ8H-N-10	
60	604		2006->	4 STROKE	0.7	DCPR7E	
70	70		1987->1989		0	BUHW-2	
70	700		1979->1983		0	BUHW	
75	750		1984->1986		0	BUHW-2	
75	753		2001->2006	2 STROKE	0	BUZHW-2	
75	754		2000->2006	4 STROKE	1.1	LF5A-11	
75	OPTI MAX		2006->		0.8	IZFR5J	
80	80,800		78-83, 86-89		0	BUHW-2	
85	850		1977->		0	BUHW-2	
90	90		1987->1989		0	BUHW-2	
90	90		2000->2006	4 STROKE	1.1	LF5A-11	
90	90		2006->	OPTI MAX	0.8	IZFR5J	
90	90,900		1978->1986		0	BUHW	
100	100		1988->1989		0	BUHW	
100			1991->1994		1.0	BPZ8H-N-10	
115	115,1150		1970->1988		0	BUHW	
115	OPTI MAX		2006->		0.8	IZFR5J	
115			1991->1994	4	1.0	BPZ8H-N-10	
115			2001->2006	2 STROKE 1154	1.0	BPZ8H-N-10	
115			2001->2006	4 STROKE MFI4	1.1	LF5A-11	
125			1994		1.0	BPZ8H-N-10	
125			2001->2006	2 STROKE 1254	1.0	BPZ8H-N-10	
135	OPTI MAX		2003->2006	2 STROKE DFI6	0.8	IZFR5G	
135	V-135		1969->1989		0	BU8H	
135			2006->	4 STROKE EFI6	0.7	ILFR6G	
140	140,1400		1978->1980		0	BUHW	
150	150,1500		1973->1984		0	BUHW	



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150	XR-4,V-150	1985->1989		0	BU8H	
150		2000->2006	2 STROKE EFI6	1.0	BPZ8HS-10	
150		2000->2006		1.0	BPZ8HS-10	
150		2006->	4STROKE EFI6	0.7	ILFR6G	
150			OPTI MAX	1.1	PZFR5F-11	ZFR5F-11
175	175,1750	1976->1981		0	BUHW	
175	OPTI MAX	2003->2006	2 STROKE	0.8	IZFR5G	
175	SUPERCHARGED	2006->	4 STROKE EFI6	0.7	ILFR6G	
175	V-175	1986->1989		0	BU8H	
200	200,2000	1978->1985		0	BUHW	
200	OPTI MAX	2003->2006	2 STROKE MAX 6	0.8	IZFR5G	
200	V-200	1986->1989		0	BU8H	
200	VERADO 200-275		4 STROKE	0.7	ILFR6G	
200		2000->	200	1.0	BPZ8HS-10	
200		2000->2006	2 STROKE MF16	1.0	BPZ8HS-10	
200		2006->	2 STROKE EFI6	0.8	BR8HS	
200		2006->	4 STROKE EFI6	0.7	ILFR6G	
200			OPTI MAX	1.1	PZFR5F-11	ZFR5F-11
220	V-220	1987->1988		0	BU8H	
225	225	1980->1981		0	BUHW	
225	3.0L	1994->1997		1.0	BPZ8H-N-10	
225	OPTI MAX	2006->	2 STROKE	0.8	IZFR5G	
225		1994		1.0	BPZ8H-N-10	
225		1995->2006	2 STROKE	0.8	BR8HS	
225		2006->	4 STROKE	1.1	LF85A-11	
250	OPTI MAX	2003->2006		0.7	IZFR6J	
250	SUPERCHARGED	2006->		0.7	ILFR6G	
250				0	BU8H	
275		2006->		0.7	ILFR6G	
300	300	1980->1983		0	BUHW	
300	OPTIMAX 300XS 3.16L	2007->		0.8	IZFR7M	

NISSAN					NISSAN	
3.5	NS 3.5A			0.6	BP6HS	BPR6HS
3.5	NS3.5A	1997->2006		1.0	BPR6HS-10	
4	NSF4A	2000->2006	4 STROKE	0.7	DCPR6E	
5	NS 5B			0.7	BP7HS	
5	NS5B	1997->2006		1.0	BPR7HS-10	
5	NSF5A	1999->2006	4 STROKE	0.7	DCPR6E	
8	NS8B	1997->2006		1.0	BPR7HS-10	
8	NSF8A	2004->2006	4 STROKE	0.7	DCPR6E	
9	Y9			0.6	B6HS	BR6HS
9.9	NS 9.9B			1.0	B7HS-10	BR7HS-10
9.9	NS9.9B	1997->2006		1.0	BR7HS-10	
9.9	NSF9.9A	2000->2006	4 STROKE	0.7	DCPR6E	
12	NS12C	2004->2006		1.0	BR7HS-10	
12	NS12C C2			1.0	B7HS-10	BR7HS-10
12	Y12			0.7	B7HS	BR7HS
15	NS15B	2004->2006		1.0	BR7HS-10	
15	NS15B B2			1.0	B7HS-10	BR7HS-10
15	NSF15A	2004->2006	4 STROKE	0.7	DCPR6E	
15	Y15			0.7	B7HS	BR7HS
18	NS18C	2004->2006		1.0	B7HS-10	BR7HS-10
18	NS18C C2			1.0	B7HS-10	BR7HS-10
18	NSF18B	2004->2006	4 STROKE	0.7	DCPR6E	
25	NS25C	1997->2006		1.0	BR7HS-10	
25	NS25C C2			1.0	B7HS-10	BR7HS-10
25	NSF25A	2004->2006	4 STROKE	0.7	DCPR6E	
30	NS30A	1997->2006		1.0	BR7HS-10	
30	NS30A2 A3			1.0	B7HS-10	BR7HS-10
30	NSF30A4	2004->2006	4 STROKE	0.7	DCPR6E	
40	NS40C	2004->2006		1.0	BR7HS-10	
40	NS40C			1.0	B7HS-10	BR7HS-10
40	NS40D	1997->2006		1.0	BR7HS-10	
40	NSD40ATLDI	2004->2006		1.1	ZFR6F-11	
40	NSD40BTLDI	2004->2006		0.8	PZFR6H	
50	NS50D	1997->2006		1.0	BR8HS-10	
50	NSD50ATLDI	2004->2006		1.1	ZFR6F-11	
50	NSD50BTLDI	2004->2006		0.8	PZFR6H	
50	NSD50BTLDI	2004->2006		0.8	PZFR6H	
55	NS55B			1.0	B8HS-10	BR8HS-10
60	NS60B	2004->2006		1.0	B8HS-10	BR8HS-10



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NISSAN				NISSAN		
70	NS70A A2			1.0	B8HS-10	BR8HS-10
70	NS70B	2004->2006		1.0	B8HS-10	BR8HS-10
70	NS70C	2000->2006		1.0	BR8HS-10	
70	NSD70ATLDI	2004->2006		1.1	ZFR6F-11	
70	NSD70BTLDI	2004->2006		0.8	PZFR6H	
90	NS90A	1997->2006		1.0	BR8HS-10	
90	NSD90ATLDI	2004->2006		1.1	ZFR6F-11	
120	NS120A	1997-2006->		1.0	BR8HS-10	
140	NS 140A2	1997->2006		1.0	BR8HS-10	

OPTIMAX				OPTIMAX		
2.5			4 STROKE	0.9	DPR6EA-9	
4			4 STROKE	0.7	DCPR6E	
5			4 STROKE	0.7	DCPR6E	
8			4 STROKE	0.7	DCPR6E	
9.9			4 STROKE	0.7	DCPR6E	
50			4 STROKE	0.9	DPR6EA-9	
60	EFI		4 STROKE	0.7	DCPR7E	
60			4 STROKE	0.9	DPR6EA-9	
75			4 STROKE	1.1	LFR5A-11	
90			4 STROKE	1.1	LFR5A-11	
115	EFI		4 STROKE	1.1	LFR6A-11	
135			4 STROKE	0.8	IZFR5G	
150				0.8	IZFR5G	
200			4 STROKE	0.8	IZFR5G	
225			4 STROKE	0.8	IZFR5G	
250	250DFI	2001->		1.1	PZFR5F-11	ZFR5F-11
250	250DFI	2003->	2.0,2.5,3.0	0.8	IZFR5G	

SUZUKI				SUZUKI		
2	DT2			0.5	B5HS	BR5HS
3.5	DT3.5			0.6	BP6HS	BPR6HS
4	DT4	1985->		0.6	B6HS	BR6HS
4	DT4	1986->		0.6	BP6HS	BPR6HS
4	DF4	2003->2004		0.8	BPR6ES	BP6ES
5	DT5			0.6	BP6HS	BPR6HS
5	DT5W			0.6	BP6HS	BPR6HS
6	DF6	2003->2004		0.8	BPR6ES	BP6ES
6	DT6	1985->		0.6	B6HS	BR6HS
6	DT6	1986->		0.6	BP6HS	BPR6HS
6	DF6	2003->2004		0.8	BPR6ES	BP6ES
6	DT6	1993->2002	2	0.8	BR6HS	
7	DT7	1985->		0.6	B6HS	BR6HS
8	DT8,C			0.6	BP6HS	BPR6HS
9.9	DF9.9	1996->2004	2	4 STROKE	0.7	DCPR6E
9.9	DT9.9	1979->1983		0.6	B6HS	BR6HS
9.9	DT9.9C	1986->		0.7	B7HS	BR7HS
15	DF15	1996->2004	2	4 STROKE	0.7	DCPR6E
15	DF152	1996->2004		4 STROKE	0.7	DCPR6E
15	DT15	1983->		1.0	B7HS-10	BR7HS-10
15	DT15C	1984->		0.7	B7HS	BR7HS
15	DT15E	1983->		1.0	B7HS-10	BR7HS-10
15	DT15E	1984->		0.7	B7HS	BR7HS
15	DT15K	1986->		0.6	B6HS	BR6HS
16	DT16			0.7	B7HS	BR7HS
16	DT16P			0.7	B7HS	BR7HS
20	DT20	1985->		0.7	B7HS	BR7HS
20	DT20	1986->		1.0	B7HS-10	BR7HS-10
20	DT20P	1985->		0.7	B7HS	BR7HS
25	DF253	2000->2004	3	4 STROKE	0.7	DCPR6E
25	DT25			0.7	B7HS	BR7HS
25	DT25E	1986->		1.0	B7HS-10	BR7HS-10
28	DT28			0.7	B7HS	BR7HS
30	DF303	2000->2004		4 STROKE	0.7	DCPR6E
30	DT30	1983->1985		1.0	B7HS-10	BR7HS-10
30	DT30C	1986->		1.0	B7HS-10	BR7HS-10
40	DF40	1999->2004	3	4 STROKE	0.7	DCPR6E
40	DT40,C			0.8	B8HS	BR8HS
50	DF50	1999->2004	3	4 STROKE	0.7	DCPR6E
50	DF50			0.7	DCPR6E	
50	DT50			0.8	B8HS	BR8HS
55	DT55,C			1.0	B8HS-10	BR8HS-10



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SUZUKI							SUZUKI	
60	DF60		1998->2004		4 STROKE	0.8	BPR6ES	BP6ES
60	DT60					1.0	B8HS-10	BR8HS-10
65	DT65,C					0.8	B8HS	BR8HS
70	DF70		1998->2004		4 STROKE	0.8	BPR6ES	BP6ES
75	DT75		1985->			0.8	B8HS	BR8HS
75	DT75C		1985->			0.8	B8HS	BR8HS
75	DT75C		1986->			1.0	B8HS-10	BR8HS-10
85	DT85,C					0.8	B8HS	BR8HS
90	DF90		2001->2004		4 STROKE	0.8	BKR6E	
100	DT100C					1.0	BR8HCS-10	
115	DF115		2001->2005		4 STROKE	0.8	BKR6E	
115	DT115/C					0.8	B8HS	BR8HS
140	DF140		2002->2004		4 STROKE	0.8	BKR6E	
140	DT140/C					0.8	B8HS	BR8HS
150	DT150		1987->2003			1.0	BR8HS-10	
150	DT150					0.8	B8HS	BR8HS
150	DT150C					1.0	B8HS-10	BR8HS-10
200	DT200TC					1.0	B8HS-10	BR8HS-10
200	DT200,C,S					1.0	B8HS-10	BR8HS-10
225	DF225 V6		2004->2004			0.8	BKR6E	
225	DT225 EFI					1.0	B8HS-10	BR8HS-10
225	DT225 V6		1987->2003			1.0	BR8HS-10	
250	DF250 V6		2004->			0.8	BKR6E	

TOHATSU							TOHATSU	
2.5	M2.5A					0.6	BP6HS	BPR6HS
3.5	M3.5A		1985->			0.7	B7HS	BR7HS
3.5	M3.5A		1986->			0.6	BP6HS	BPR6HS
5	M5A2 S					0.7	B7HS	BR7HS
5	M5B S					0.7	BP7HS	
8	M8A					0.7	B7HS	BR7HS
9.8	M9.8A					0.7	B7HS	BR7HS
9.9	M9.9A					0.7	B7HS	BR7HS
9.9	M9.9B					1.0	B7HS-10	BR7HS-10
12	M12A					0.7	B7HS	BR7HS
12	M12B					0.7	B7HS	BR7HS
12	M12C					1.0	B7HS-10	BR7HS-10
15	M15A					0.7	B7HS	BR7HS
15	M15B					1.0	B7HS-10	BR7HS-10
16	M16A2					0.7	B7HS	BR7HS
18	M18A					0.7	B7HS	BR7HS
18	M18C		1982->1986			1.0	B7HS-10	BR7HS-10
20	M20A2					0.7	B7HS	BR7HS
25	M25A2					0.7	B7HS	BR7HS
25	M25B		1984->			0.7	B7HS	BR7HS
25	M25B		1985->			1.0	B7HS-10	BR7HS-10
25	M25C		1984->1986			1.0	B7HS-10	BR7HS-10
25	M25C2		1986->2006			1.0	B7HS-10	BR7HS-10
25	MSF25A		2004->2006		4 STROKE	0.7	DCPR6E	
30	M30A		1985->			0.7	B7HS	BR7HS
30	M30A		1986->			1.0	B7HS-10	BR7HS-10
30	M30A2		1984->			0.7	B7HS	BR7HS
30	M30A2		1985->			1.0	B7HS-10	BR7HS-10
30	M30A3		2004->2006			1.0	B7HS-10	BR7HS-10
30	MSF30A		2004->2006		4 STROKE	0.7	DCPR6E	
35	M35B					0.7	BP7HS	
40	M40C		1983->2006			1.0	B7HS-10	BR7HS-10
40	M40C		1984->			0.7	BP7HS	
40	M40C		1985->			1.0	B7HS-10	BR7HS-10
40	MD40ATLDI		2004->2006			1.1	ZFR6F-11	
40	MD40BTLDI		2004->2006			0.8	PZFR6H	
50	M50C		2004->2006			1.0	B8HS-10	BR8HS-10
50	MD50ATLDI		2004->2006			1.1	ZFR6F-11	
50	MD50BTLDI		2004->2006			0.8	PZFR6H	
55	M55A					1.0	B8HS-10	BR8HS-10
55	M55B		2004->2006			1.0	B8HS-10	BR8HS-10
55	M55B					1.0	B8HS-10	BR8HS-10
60	M60A		2004->2006			1.0	B8HS-10	BR8HS-10
60	M60B		1992->2006			1.0	B8HS-10	BR8HS-10
70	M70A		2004->2006			1.0	B8HS-10	BR8HS-10
70	M70A					1.0	B8HS-10	BR8HS-10
70	MD70ATLDI		2004->2006			1.1	ZFR6F-11	



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70	MD70BTLDI		2004->2006		0.8	PZFR6H	
90	M90A		1997->2006		1.0	BR8HS-10	
90	MD90ATLDI		2004->2006		1.1	ZFR6F-11	
90	MD90BTLDI		2004->2006		0.8	PZFR6H	
115	M115A		2004->2006		1.0	B8HS-10	BR8HS-10
120	M120A		2004->2006		1.0	B8HS-10	BR8HS-10
140	M140A		1997->2006		1.0	BR8HS-10	

VOLVO-PENTA						VOLVO-PENTA	
32					0.7	B7HS	BR7HS
33					0.7	B7HS	BR7HS
35					0.7	B7HS	BR7HS
39					0.7	B7HS	BR7HS
40					0.7	B7HS	BR7HS
50	A				0.7	B7HS	BR7HS
50					0.7	B7HS	BR7HS
80					0.5	B5HS	BR5HS
90					0.5	B5HS	BR5HS
92					0.7	B7HS	BR7HS
123					0.7	B7HS	BR7HS
124					0.7	B7HS	BR7HS
140					0.5	B5HS	BR5HS
151					0.5	B5HS	BR5HS
181					0.5	B5HS	BR5HS
200					0.8	B8HS	BR8HS
212					0.5	B5HS	BR5HS
243					0.6	B10HVX	
250					0.7	BP7HS	
252					0.7	BP7HS	
280					0.8	B8HS	BR8HS
311					0.6	B10HVX	
342					0.6	B10HVX	
350					0.8	B8HS	BR8HS
392					0.6	B10HVX	
400					0.8	B8HS	BR8HS
450					0.8	B8HS	BR8HS
550	X				0.8	B8HS	BR8HS
550					0.8	B8HS	BR8HS
600					0.8	B8HS	BR8HS
700					0.8	B8HS	BR8HS

YAMAHA						YAMAHA		
2	2CMHS	50	1984->2002	1	2 STROKE	0.8	B5HS	BR5HS
2	A					0.6	B6HS	BR6HS
2	B	50	1984->	1	2 STROKE	0.5	B5HS	BR5HS
2	B		1985->			0.7	B7HS	BR7HS
2.5			2003->2005		4 STROKE	0.7	BR6HS	
3	3AMHS	70	1990->	1	2 STROKE	0.7	BR6HS	
3			1988->2002			0.8	BR6HS	
3.5	A					0.7	B7HS	BR7HS
3.5	AC					0.7	B7HS	BR7HS
3.5	AL					0.7	B7HS	BR7HS
4	A					0.7	B7HS	BR7HS
4	ACS					0.7	B7HS	BR7HS
4	AS					0.7	B7HS	BR7HS
4	F8CMHL	112	1999->2005	1	4 STROKE	0.7	BR6HS	
4			1999->2005		4 STROKE	0.7	BR6HS	
5	5CMHC	100	1985->2002	1	2 STROKE	0.8	BR7HS	
5	5CMHL	100	1984->	1	2 STROKE	0.7	B7HS	BR7HS
5	DPE					1.0	B7HS-10	BR7HS-10
6	A					0.6	B6HS	BR6HS
6	B					0.5	B5HS	BR5HS
6			2001->2005		4 STROKE	0.8	BR6HS	
7	A					0.6	B6HS	BR6HS
8	8CMHL	165	2006->2010	2	2 STROKE	1.0	BR7HS-10	
8	8CMHS	165	2006->2010	2	2 STROKE	1.0	BR7HS-10	
8	A					0.6	B6HS	BR6HS
8	B					0.7	B7HS	BR7HS
8	BK					0.6	B6HS	BR6HS
8	E8DMHL	250	1986->2005	2	2 STROKE	1.0	BR7HS-10	
8	YEMS V8MTR 350 CUBIC INCH					0.8	BR6FS	
8			2001->2005		4 STROKE	0.8	BR6HS	



MARINE OUTBOARD



- DIESEL VEHICLE



Capacity



Year



Cylinder



Engine



Gap



Recommended
Manufacturers
Specification



Alternative
15 000km
Service Interval

Model

Type

YAMAHA						YAMAHA		
Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative Service Interval
9	A					0.6	B6HS	BR6HS
9	F9.9		2005->	2	4 STROKE	0.9	DPR6EA-9	
9.5	A					0.7	B7HS	BR7HS
9.9	CPE CE C BE B					0.7	B7HS	BR7HS
9.9	D					1.0	B7HS-10	BR7HS-10
9.9	DE					1.0	B7HS-10	BR7HS-10
9.9	DPE					1.0	B7HS-10	BR7HS-10
9.9	DS					1.0	B7HS-10	BR7HS-10
9.9	F9.9 BM					0.7	C6HSA	CR6HSA
9.9	F9.9FMHL	212	1985->2004	2	4 STROKE	0.7	CR6HSA	
9.9	F9.9FMHS	212	1985->2004	2	4 STROKE	0.7	CR6HSA	
9.9	FT9.9GEL	212	1985->2004	2	4 STROKE	0.7	CR6HSA	
12	A					0.7	B7HS	BR7HS
15	15FMHL	250	2006->2010	2	2 STROKE	1.0	BR7HS-10	
15	15FMHS	250	2006->2010	2	2 STROKE	1.0	BR7HS-10	
15	A,B BE C CE CPE					0.7	B7HS	BR7HS
15	E15 AK					0.6	B6HS	BR6HS
15	E15DMHL	250	2006->2010	2	2 STROKE	1.0	BR7HS-10	
15	F15CMHL	360	1998->	2	4 STROKE	0.9	DPR6EA-9	
15	F15CMHS	360	1998->	2	4 STROKE	0.9	DPR6EA-9	
15			1998->2004	2	4 STROKE	0.9	DPR6EA-9	
20	A,B,AE					0.6	B6HS	BR6HS
20	BE					0.6	B6HS	BR6HS
20	BMK					0.6	B6HS	BR6HS
20	C,CE					0.7	B7HS	BR7HS
20	F20BMHS	360	1999->	2	4 STROKE	0.9	DPR6EA-9	
25	25BMHL	500	2006->2010	2	2 STROKE	1.0	BR7HS-10	
25	25BMHS	500	2006->2010	2	2 STROKE	1.0	BR7HS-10	
25	25N		1990->			1.0	BR7HS-10	
25	AE A AF B BE C					0.7	B7HS	BR7HS
25	CE D DE					0.7	B7HS	BR7HS
25	CMK DMS DM					0.7	B7HS	BR7HS
25	E25BMHL	500	1984->2005	2	2 STROKE	1.0	BR7HS-10	
25	F25DEL	500	1998->2005	2	4 STROKE	0.9	DPR6EA-9	
25	F25DMHL	500	1998->2005	2	4 STROKE	0.9	DPR6EA-9	
25	F25DMHS	500	1998->2005	2	4 STROKE	0.9	DPR6EA-9	
28	A					0.7	B7HS	BR7HS
28	AE					0.7	B7HS	BR7HS
30	30HMHL	500	1987->2002	2	2 STROKE	1.0	BR7HS-10	
30	30HMHS	500	1987->2002	2	2 STROKE	1.0	BR7HS-10	
30	30HWL	500	1987->2002	2	2 STROKE	1.0	BR7HS-10	
30	A					0.7	B7HS	BR7HS
30	AE					0.7	B7HS	BR7HS
30	AM					0.7	B7HS	BR7HS
30	B					0.7	B7HS	BR7HS
30	BM					0.7	B7HS	BR7HS
30	D					1.0	B7HS-10	BR7HS-10
30	DMS					1.0	B7HS-10	BR7HS-10
30	F30		2001->2005		4 STROKE	0.9	DPR6EA-9	
40	40XMHL	700	1987->	2	2 STROKE	1.0	BR7HS-10	
40	40XMHS	700	2006->2010	2	2 STROKE	1.0	BR7HS-10	
40	40XWL	700	1992->	2	2 STROKE	1.0	BR7HS-10	
40	40XWTL	700	1989->	2	2 STROKE	1.0	BR7HS-10	
40	AE					0.8	B8HS	BR8HS
40	AM					0.8	B8HS	BR8HS
40	AR					0.8	B8HS	BR8HS
40	BE					0.8	B8HS	BR8HS
40	BM					0.8	B8HS	BR8HS
40	BR					0.8	B8HS	BR8HS
40	C					0.8	B8HS	BR8HS
40	CE					0.8	B8HS	BR8HS
40	CM					0.8	B8HS	BR8HS
40	D					0.8	B8HS	BR8HS
40	DM DE DR F FE					0.8	B8HS	BR8HS
40	E40XMHL	700	1989->1997	2	2 STROKE	1.0	BR7HS-10	
40	F40C					0.9	DPR5EA-9	
40	F40FEDL	750	2000->2005	3	4 STROKE	0.9	DPR6EA-9	
40	F40FEHDL	750	2000->	3	4 STROKE	0.9	DPR6EA-9	
40	F40FETL	750	2000->2005	3	4 STROKE	0.9	DPR6EA-9	
40	H					1.0	B7HS-10	BR7HS-10
40	HMOS					1.0	B8HS-10	BR8HS-10
40			1984->2005	3	2 STROKE	1.0	B7HS-10	BR7HS-10



MARINE OUTBOARD



- DIESEL VEHICLE



Model

Type

Capacity

Year

Cylinder

Engine

Gap

Recommended
Manufacturers
Specification

Alternative
15 000km
Service Interval

YAMAHA						YAMAHA		
48	A					0.7	B7HS	BR7HS
48	B					0.7	B7HS	BR7HS
50	50HETOL	700	2006->2010	3	2 STROKE	1.0	BR8HS-10	
50	50HMHOS	700	1984->2005	3	2 STROKE	1.0	BR8HS-10	
50	C					0.8	B8HS	BR8HS
50	CE					1.0	B8HS-10	BR8HS-10
50	D					1.0	B8HS-10	BR8HS-10
50	DROS					1.0	B8HS-10	BR8HS-10
50	F50A,B					0.9	DPR6EA-9	
50	F50GETL	1000	2005->	4	4 STROKE	0.9	DPR6EB-9	
50			2005->		4 STROKE	0.9	DPR6EB-9	
55	55BEDL	760	1989->1995	3	2 STROKE	1.0	BR8HS-10	
55	AE		1979->			1.0	B8HS-10	BR8HS-10
55	AEM AE AM AW					0.8	B8HS	BR8HS
55	BE					1.0	B8HS-10	BR8HS-10
55	BM BW					0.8	B8HS	BR8HS
55	E55CMHL	760	1989->1995	2	2 STROKE	1.0	BR8HS-10	
60	60FETOL	850	2006->2010	3	2 STROKE	1.0	BR8HS-10	
60	AE		1978->			0.8	B8HS	BR8HS
60	AE		1979->			1.0	B8HS-10	BR8HS-10
60	B					1.0	B8HS-10	BR8HS-10
60	BE					1.0	B8HS-10	BR8HS-10
60	CE					1.0	B8HS-10	BR8HS-10
60	CET					1.0	B8HS-10	BR8HS-10
60	DE					1.0	B8HS-10	BR8HS-10
60	E60HMHDH	850	2001->2005	2	2 STROKE	1.0	BR8HS-10	
60	F					1.0	B8HS-10	BR8HS-10
60	F60 EFI		2005->		EFI	0.9	DPR6EB-9	
60	F60A 4 STR		2002->			0.9	DPR5EA-9	
60	FEOS					1.0	B8HS-10	BR8HS-10
60	FT60B 4 STR					0.9	DPR5EA-9	
60	FT60DET		2006->			0.9	DPR6EB-9	
60	FT60DETL	1000	1995->	4	4 STROKE	0.9	DPR5EA-9	
60	T 60		2005->		4 STROKE	0.9	DPR6EB-9	
60	T60 EFI		2005->		EFI	0.9	DPR6EB-9	
60			2001->2005		2 STROKE	1.0	BR8HS-10	
70	70BETOL	850	1984->2010	3	2 STROKE	1.0	BR8HS-10	
70	B					1.0	B8HS-10	BR8HS-10
70	BEOL					1.0	B8HS-10	BR8HS-10
70	F70AETL	1000	2010->	4	4 STROKE	0.8	LKR7E	
70	F70AETX	1000	2010->	4	4 STROKE	0.8	LKR7E	
75	25AETL	1140	1994->1999	3	2 STROKE	1.0	BR8HS-10	
75	75A		1988->			1.0	BR8HS-10	
75	A					1.0	B8HS-10	BR8HS-10
75	AE					1.0	B8HS-10	BR8HS-10
75	AEM					0.8	B8HS	BR8HS
75	AET					1.0	B8HS-10	BR8HS-10
75	AM					0.8	B8HS	BR8HS
75	AR					0.8	B8HS	BR8HS
75	F75		2003->2005		4 STROKE	1.1	LF5A-11	
80	A					1.0	B8HS-10	BR8HS-10
80	AEOL					1.0	B8HS-10	BR8HS-10
80	F80BETL 16V	1600	1999 2002->	4	4 STROKE	1.1	LF5A-11	
80	F80BETX 16V	1600	1999->	4	4 STROKE	1.1	LF5A-11	
85	85AEDC	1140	1989->1996	3	2 STROKE	1.0	BR8HS-10	
85	85AEDX	1140	1990->	3	2 STROKE	1.0	BR8HS-10	
85	85AETL	1140	1989->1996	3	2 STROKE	1.0	BR8HS-10	
85	85AETX	1140	1990->	3	2 STROKE	1.0	BR8HS-10	
85	AE					1.0	B8HS-10	BR8HS-10
85	AET					1.0	B8HS-10	BR8HS-10
90	90AETOL	1140	2006->	3	2 STROKE	1.0	BR8HS-10	
90	90AETOX	1140	2006->	3	2 STROKE	1.0	BR8HS-10	
90	A					1.0	B8HS-10	BR8HS-10
90	AEOL					1.0	B8HS-10	BR8HS-10
90	F9		2003->2005		4 STROKE	1.1	LF5A-11	
100	F100BETL 16V	1600	2000->	4	4 STROKE	1.1	LF5A-11	
100	F100BETX 16V	1600	2000->	4	4 STROKE	1.1	LF6A-11	
100	F100DETL 16V	1600	2001->	4	4 STROKE	1.1	LF5A-11	
100	F100DETX 16V	1600	1999->2002	4	4 STROKE	1.1	LF5A-11	
115	115 CETOL	1730	2006->	3	2 STROKE	1.0	BR8HS-10	
115	115B					1.0	BR8HS-10	
115	115C		1990->			1.0	BR8HS-10	



MARINE OUTBOARD



- DIESEL VEHICLE



Capacity



Year



Cylinder



Engine



Gap



Recommended
Manufacturers
Specification



Alternative
15 000km
Service Interval

Model

Type

YAMAHA						YAMAHA		
Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval
115	AE					1.0	B8HS-10	BR8HS-10
115	AETOL BETO AET A					1.0	B8HS-10	BR8HS-10
115	E115AETL	1730	2006->2010	2	2 STROKE	1.0	BR8HS-10	
115	E115AETX	1730	2006->2010	2	2 STROKE	1.0	BR8HS-10	
115	F115AETL 16V	1700	2000->2010	4	4 STROKE	1.1	LF6A-11	
115	F115AETX 16V	1740	2001->	4	4 STROKE	1.1	LF6A-11	
115	FL115AETX 16V	1740	2001->	4	4 STROKE	1.1	LF6A-11	
115	V4		2000->2005			1.1	LF6A-11	
125	P125 A					0.6	B6HS	BR6HS
125	P125 AG					0.6	B6HS	BR6HS
130	130BETOL	1730	1990->	4	2 STROKE	1.0	BR9HS-10	
130	V 4		1988->2004			1.0	BR8HS-10	
140	140B		1988->			1.0	BR9HS-10	
140	BETO					1.0	B8HS-10	BR8HS-10
150	150 FETOL	2600	2006->	6	2 STROKE	1.0	BR8HS-10	
150	150 FETOX	2600	2006->	6	2 STROKE	1.0	BR8HS-10	
150	150A		1988->			1.0	BR8HS-10	
150	150C		1990->			1.0	BR8HS-10	
150	A		1986->			1.0	B8HS-10	BR8HS-10
150	AETOL					1.0	B8HS-10	BR8HS-10
150	F150AETL 16V	2700	2004->	4	4 STROKE	1.1	LF6A-11	
150	F150AETX	2670	2004->2005	4	4 STROKE	1.1	LF5A-11	
150	FL150AETX	2670	2004->	4	4 STROKE	1.1	LF6A-11	
150	L 150A		1988->			1.0	BR8HS-10	
150	L 150FETOX	2600	1990->	6	2 STROKE	1.0	BR8HS-10	
150	LF 150		2004->2005		V6	1.1	LF5A-11	
150	Z150QETOL HPDI	2600	2002->	6	2 STROKE	1.0	BR8HS-10	
175	VZ175		2002->2005			0.8	BKR7EKU	
200	200A		1988->			1.0	BR8HS-10	
200	200AETL	2600	1987->1995	6	2 STROKE	1.0	BR8HS-10	
200	200AETX	2600	1987->	6	2 STROKE	1.0	BR8HS-10	
200	200B		1990->			1.0	BR8HS-10	
200	200FETOL	2600	1999->2005	6	2 STROKE	1.0	BR8HS-10	
200	200FETOX	2600	1999->2005	6	2 STROKE	1.0	BR8HS-10	
200	200HP		2002->		4 STROKE	1.1	LF5A-11	
200	A					1.0	B8HS-10	BR8HS-10
200	AETOL					1.0	B8HS-10	BR8HS-10
200	F200BETX	3350	2002->2005	6	4 STROKE	1.1	LF5A-11	
200	F250DETC	4200	2008->	6	4 STROKE	1.1	LF6A-11	
200	L 200B		1990->			1.0	BR8HS-10	
200	L200 FETOX	2600	2005->	6	2 STROKE	1.0	BR8HS-10	
200	L200AETX	2600	1999->2001	6	2 STROKE	1.0	BR8HS-10	
200	SX200		1999->2005		4 STROKE	0.8	BR8HS	
200	VX200		2000->2005			1.0	BR8HS-10	
200	VX200D		2005->			1.0	BR8HS-10	
200	Z200 F1		2002->			0.8	BKR7EKU	
200	Z200PETOL HPDI	2600	1999->	6	2 STROKE	1.0	BR8HS-10	
225	225A		1988->			1.0	BR9HS-10	
225	225B		1990->			1.0	BR9HS-10	
225	AETO					1.0	B8HS-10	BR8HS-10
225	F225AETU	3350	2005->	6	4 STROKE	1.1	LF6A-11	
225	F225AETX	3350	2006->	6	4 STROKE	1.1	LF6A-11	
225	F225CETL 24V	3350	2006->	6	4 STROKE	1.1	LF6A-11	
225	F225DETC	4200	2002->2005	6	4 STROKE	1.1	LF5A-11	
225	FL225AETU	3350	2005->	6	4 STROKE	1.1	LF6A-11	
225	FL225AETX	3350	2006->	6	4 STROKE	1.1	LF6A-11	
225	Z225HETOL HPDI	3350	1997->	6	2 STROKE	1.0	BR9HS-10	
250	F250AETU	3350	2005->	6	4 STROKE	1.1	LF6A-11	
250	F250AETX	3350	2003->2005	6	4 STROKE	1.1	LF6A-11	
250	F250BETU	3350	2006->	6	4 STROKE	1.1	LF6A-11	
250	F250CETL	4200	2005->	6	4 STROKE	1.1	LF5A-11	
250	FL250AETU	3350	2005->	6	4 STROKE	1.1	LF6A-11	
250	FL250AETX	3350	2003->	6	4 STROKE	1.1	LF6A-11	
250	FL250BETU	3350	2006->	6	4 STROKE	1.1	LF6A-11	
300	VZ300		2004->2005			0.8	BKR6EKU	
300	Z300 2.3	2300	2005->	6	AETO	0.8	BKR6EKU	
350	F350AETU	5330	2005->	6	4 STROKE	1.1	LF6A-11	
350	FL350AETU	5330	2005->	6	4 STROKE	1.1	LF6A-11	
500	WJ					0.7	B7HS	BR7HS
500	WR					0.7	B7HS	BR7HS



GARDEN EQUIPMENT

BLOWER



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	BPMP7A
ECHO					ECHO
HC1500				0.7	BPM7Y
HC2400				0.7	BPM7Y
HC2410				0.7	BPM7Y
HCA2400				0.7	BPM7Y
HCR1500				0.7	BPM7Y
PE 265				0.8	BPM8Y
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	BPMP7A
HT17 HT21	HEDGE TRIMMER			0.7	BPMP7A
HX16	HEDGE TRIMMER			0.7	BPMP7A
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	BPMP7A
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,	BRUSH CUTTER			0.7	BMR7A
224R	RX			0.7	BPM7A
225DR, RT - 232LR	BRUSH CUTTER			0.7	BMR7A
232R				0.7	BPMP7A
235R				0.7	BPMP7A
235, 240				0.7	BMR7A
240R				0.7	BPMP7A
244	RX			0.7	BPMP7A
245, 250				0.7	BMR7A
250	RX			0.7	BPMP7A
250R				0.7	BPMP7A
265				0.7	BMR7A
265RX				0.7	BPMP7A
323L				0.7	BPMP7A
323R				0.7	BPMP7A
325CX				0.7	BPMP7A
JONSEREDS					JONSEREDS
RS	45E			0.7	BM7F



GARDEN EQUIPMENT

BRUSH CUTTER



- DIESEL VEHICLE

Model

Type



Capacity



Year



Cylinder



Engine



Gap



Recommended
Manufacturers
Specification



Alternative
15 000km
Service Interval

KAAZ				KAAZ		
KAWASAKI	KT17J			0.7	BM7A	BMR7A
KAWASAKI	TD40			0.7	BM7A	BMR7A
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	
RBK411	BRUSH CUTTER			0.7	BM7A	BMR7A
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



GARDEN EQUIPMENT

BRUSH CUTTER



- DIESEL VEHICLE



Model

Type

Capacity

Year

Cylinder

Engine

Gap

Recommended
Manufacturers
Specification

Alternative
15 000km
Service Interval

ROBIN		ROBIN	
NB04	40	0.6	B6HS
			BR6HS

RYOBI		RYOBI	
2075RC	TRIMMER	25	0.7
2090RC	TRIMMER	31	0.7
310RT	TRIMMER	31	0.7
330RB	TRIMMER	31	0.7
340RB	TRIMMER	31	0.7
700R, 704R, 704, RVP, 705R	TRIMMER	31	0.7
710R, 720R	TRIMMER	31	0.8
740R, 750R	TRIMMER	31	0.7
780R	TRIMMER	31	0.7
790R, 790PR	TRIMMER	31	0.7
865R	TRIMMER	31	0.8
885R	TRIMMER	31	0.7
RB2540	TRIMMER	25	0.7

SACH-DOLMAR		SACH-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
SOLO 40	T200	0.6	BM6A
SOLO 50	T240	0.6	BM6A

STIHL		STIHL	
1106		0.7	BPM6A
1106(8.5PS)		0.7	BPM7A
1108, 1109(6.5PS)		0.7	BPM6A
1111, 1112, 1113		0.7	BPM6A
1401		0.6	AB-6
4202		0.7	BPM6A
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
FS	38	0.7	BMR6A
FS	410	0.6	BM6A
FS	85	0.7	BPMR7A
FS	86	0.6	BM6A
FS	90	0.6	BM6A
FS	96	0.6	BM6A
FS110		0.8	CMR6H
FS80AVRE, FS90AVE		0.6	BM6A
FS80E, FS80RE, FS80AVE		0.6	BM6A
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

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, 100 SUPER				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	
PS-6000I, 6000IH				0.7	BPMR7A	
PS-6800I, 6800IH				0.7	BPMR7A	
PS-9000				0.7	BPMR7A	
S6000				0.7	BPMR7A	
ECHO				ECHO		
CS-3000				0.7	BPM7Y	
CS-3050		30.1		0.6	BPM7A	
CS-3400				0.7	BPM7Y	



GARDEN EQUIPMENT

CHAINSAW



- DIESEL VEHICLE



Capacity



Year



Cylinder



Engine



Gap



Recommended
Manufacturers
Specification



Alternative
15 000km
Service Interval

Model

Type

ECHO

CS-4400					0.7	BPM7A			ECHO
CS-510		50		1		0.8	BPM7A		

HOMELITE

150						0.6	BM6F		HOMELITE
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	
XLBC-4 BRUSH CUTTER						0.7	BM7A	BMR7A	

HONDA

ATC90						0.7	D8HS		HONDA
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HUSQVARNA

163	S					0.7	BPM6A	BPMR6A	HUSQVARNA
165	R					0.7	BPM6A	BPMR6A	
180	S					0.7	BPM6A	BPMR6A	
185	CD					0.7	BM7A	BMR7A	



GARDEN EQUIPMENT

CHAINSAW



- DIESEL VEHICLE

Model

Type



Capacity



Year



Cylinder



Engine



Gap



Recommended
Manufacturers
Specification



Alternative
15 000km
Service Interval

HUSQVARNA		HUSQVARNA		
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
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



GARDEN EQUIPMENT

CHAINSAW



- DIESEL VEHICLE



Capacity



Year



Cylinder



Engine



Gap



Recommended
Manufacturers
Specification



Alternative
15 000km
Service Interval

Model

Type

JONSEREDS		JONSEREDS	
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
M36		0.7	BM7A
M361, M361AV		0.7	BM7A
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
R551		0.7	BPM7A
SUPER 3		0.7	BPM7A
XF85, XG85		0.6	B6HS
			BR6HS
KAMATSU ZENOAH		KAMATSU ZENOAH	
AYS	G380	0.7	BPM6A
AYS	G620	0.7	BPM7A
			BPMR6A
KIORITZ (ECHO)		KIORITZ (ECHO)	
CS-100		0.8	B7S
CS-100VL		0.7	BPM7A
CS-200E		0.6	BM6A
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
CS-302S		0.6	BM6A
CS-304VL		0.6	BM6A
CS-30EVL		0.7	BMR6A
CS-315		0.6	BM6A
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
CS-4000, 4400		0.7	BPM7A
CS-400EVL		0.7	BPM6A
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
CS-750VL		0.7	BPM7A
CS-900EVL		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
P	10-10S	0.6	BM6F
PM	10S	0.7	BM7F
PM	55	0.6	BM6F
PM	6	0.6	BM6F



GARDEN EQUIPMENT

CHAINSAW



- DIESEL VEHICLE

Model

Type



Capacity



Year



Cylinder



Engine



Gap



Recommended
Manufacturers
Specification



Alternative
15 000km
Service Interval

MCCULLOCH		MCCULLOCH	
Model	Type	Capacity	Recommended Manufacturers Specification
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, L, 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	
Model	Type	Capacity	Recommended Manufacturers Specification
234	F	0.7	BPM6A
240	F	0.7	BPM6A
244	F	0.7	BPM6A
251	B S	0.7	BPM6A
252	F	0.7	BPM6A
254	F	0.7	BPM6A
261		0.7	BPM6A
264	F, G	0.7	BPM6A
272	MP	0.7	BPM6A
284	G	0.7	BPM6A
350	A, AF	0.7	BPM6A
355	A, AF	0.7	BPM6A
481	MP	0.7	BPM6A
482	MP	0.7	BPM6A
945	A, AF	0.7	BPM6A
950	A	0.7	BPM6A
PARTNER		PARTNER	
Model	Type	Capacity	Recommended Manufacturers Specification
K	1200	0.7	BPM7A
K	125	0.7	BPM7A
K	20	0.7	BM7A
K	40	0.7	BM7A
K650	DISC CUTTER	0.7	BM7A
MINI	P1	0.7	BM7A
MINI	P2	0.7	BM7A
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
P	5000	0.7	BM7F
P	7000	0.7	BM7A
PIONEER		PIONEER	
Model	Type	Capacity	Recommended Manufacturers Specification
20	P	0.7	BM7A
28	P	0.6	BM6A
38	P	0.7	BPM7A
39	P	0.7	BPM7A
41	P	0.6	BM6A
41S	P	0.6	BM6A
42	P	0.7	BPM7A
42W	P	0.7	BPM7A
50	P	0.7	BM7A
51	P	0.7	BPM7A
52	P	0.7	BPM7A
60	P	0.7	BPM6A
61	P	0.7	BPM6A
62	P	0.7	BPM7A



GARDEN EQUIPMENT

CHAINSAW



- DIESEL VEHICLE

Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval
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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		

SOLSO						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	
10	AV				0.7	BPM6A	BPMR6A	
11	AV				0.7	BPM7A		
15	AV				0.7	BPM6A	BPMR6A	
20	AV				0.7	BPM6A	BPMR6A	
24	AV				0.7	BPM7A		
28	AV				0.7	BPM6A	BPMR6A	
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		
40	AV				0.7	BPM6A	BPMR6A	
41	AV				0.7	BPM6A	BPMR6A	
42	AV				0.7	BPM6A	BPMR6A	
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		
70	AV				0.7	BPM6A	BPMR6A	
75	AV				0.7	BPM6A	BPMR6A	
84	ELECTRONIC				0.7	BPM7A		
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	
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 MANAGER				ESTATE MANAGER	
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		
HONDA				HONDA	
FORMULA 120	GXV120N2	0.8	BPR5ES		BP5ES



GARDEN EQUIPMENT

LAWN MOWERS



- DIESEL VEHICLE



Model

Type

Capacity

Year

Cylinder

Engine

Gap

Recommended
Manufacturers
Specification

Alternative
15 000km
Service Interval

HONDA		HONDA		
FORMULA 160	GXV160N5	0.8	BPR6ES	BP6ES
HR 17	1.7HP	0.6	BM4A	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
ROBIN		ROBIN		
EC10V		2 STROKE	0.6	B4
EC17V	6.5 HP	2 STROKE	0.5	B4H



GARDEN EQUIPMENT

LAWN MOWERS



- DIESEL VEHICLE



Model

Type

Capacity

Year

Cylinder

Engine

Gap

Recommended
Manufacturers
Specification

Alternative
15 000km
Service Interval








ROBIN								ROBIN	
EC17V	8HP			2 STROKE	0.7	B7HS		BR7HS	
EY15V				4 STROKE	0.6	BM4A		BMR4A	
EY20V				4 STROKE	0.6	BM4A		BMR4A	
ROLUX								ROLUX	
BRIGGS & STRATTON	2HP				0.6	B4LM			
BRIGGS & STRATTON	3.5HP				0.6	B4LM			
BRIGGS & STRATTON	5HP				0.6	B4LM			
SCOTT BONNER								SCOTT BONNER	
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	
TORO								TORO	
BRIGGS & STRATTON					0.6	B4LM			
TECUMSEH	3.5HP				0.6	B4LM			



GARDEN EQUIPMENT

LAWN MOWERS









- DIESEL VEHICLE									
Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval	
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	
MT110						0.7	B7HS	BR7HS	



GARDEN EQUIPMENT

POWER PRUNER



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



GARDEN EQUIPMENT

RIDE-ON MOWERS



- DIESEL VEHICLE



Capacity



Year



Cylinder



Engine



Gap



Recommended
Manufacturers
Specification



Alternative
15 000km
Service Interval

Model

Type

Model		Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval
ARIENS									
BRIGGS & STRATTON		13 HP RM1328					0.7	B2-LM	ARIENS
BRIGGS & STRATTON OHV		15 HP 1540G					0.8	BKR5E	
CUSHMAN									
OMC		18HP					0.8	AP5FS	CUSHMAN APR5FS
GILSON									
BRIGGS & STRATTON		11HP					0.6	B4LM	GILSON
BRIGGS & STRATTON		8HP					0.6	B4LM	
GRAVELY									
BRIGGS & STRATTON		16HP					0.6	B4LM	GRAVELY
KOHLER		16HP K341					0.6	B6L	
HONDA									
H30115E		8.2 KW					0.8	BPR6ES	HONDA BP6ES
H40135E		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									
KOHLER		23HP K582					0.6	B6L	HUSTLER
JACOBSEN									
KOHLER		14HP K321					0.6	B6L	JACOBSEN
KOHLER		16HP K341					0.6	B6L	
KOHLER		23HP K582					0.6	B6L	
JOHN DEERE									
BRIGGS & STRATTON		8HP					0.6	B4LM	JOHN DEERE
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									
BRIGGS & STRATTON		10HP					0.6	B4LM	MAC GARDA
BRIGGS & STRATTON		8HP					0.6	B4LM	
MIRAGE									
BRIGGS & STRATTON		11HP					0.6	B4LM	MIRAGE
BRIGGS & STRATTON		8HP					0.6	B4LM	
ROBIN		8HP EC17V					0.7	B7HS	BR7HS
ROBIN		EC10V					0.6	B4	
NATIONAL									
BRIGGS & STRATTON		10HP					0.6	B4LM	NATIONAL
BRIGGS & STRATTON		8HP					0.6	B4LM	
ROLUX									
BRIGGS & STRATTON		11HP					0.6	B4LM	ROLUX
BRIGGS & STRATTON		8HP					0.6	B4LM	
ROBIN		EC10V					0.6	B4	
RYAN									
BRIGGS & STRATTON		7HP					0.6	B4LM	RYAN
BRIGGS & STRATTON		8HP					0.6	B4LM	
KOHLER		6.25HP K141					0.7	B6S	
SACHS-DOLMAR									
BC		330					0.7	BPM6F	SACHS-DOLMAR
BC		400					0.7	BPM6A	BPMR6A
SCOTT BONNAR									
BRIGGS & STRATTON		11HP					0.6	B4LM	SCOTT BONNAR
SIMPLICITY									
BRIGGS & STRATTON		8HP					0.6	B4LM	SIMPLICITY



GARDEN EQUIPMENT

RIDE-ON MOWERS



Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval
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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

Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval
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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

Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval	
ECHO								ECHO	
CSG670	- DIESEL VEHICLE					0.7	BPM7Y		
CSG6700						0.7	BPM7Y		
CSG680						0.7	BPM7Y		



COMMERCIAL & INDUSTRIAL ENGINES



FARM EQUIPMENT

Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval
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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

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		



COMMERCIAL & INDUSTRIAL ENGINES



GENERAL PURPOSE

Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval
KUBOTA								
GH400						0.8	BPR4HS	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

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,AO,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,AO,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

KUBOTA

KUBOTA

A1000					0.7	BP4HS	BPR4HS
A1200					0.7	BP4HS	BPR4HS
A1400					0.7	BP4HS	BPR4HS



COMMERCIAL & INDUSTRIAL ENGINES



GENERATOR

- DIESEL VEHICLE

Model

Type



Capacity



Year



Cylinder



Engine



Gap



Recommended
Manufacturers
Specification



Alternative
15 000km
Service Interval

KUBOTA		KUBOTA	
Model	Type	Capacity	Recommended Manufacturers Specification
A1500		0.7	BP4HS
A1800		0.7	BP4HS
A2000		0.7	BP4HS
A2100		0.7	BP4HS
A2400		0.7	BP4HS
A2500		0.7	BP4HS
A3000		0.7	BP4HS
A3050		0.7	BP4HS
A350		0.6	BM4A
A3500		0.7	BP4HS
A400		0.6	BM4A
A500		0.6	BM4A
A650		0.7	BP4HS
A800		0.7	BP4HS
A800		0.7	BP4HS
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
SUZUKI		SUZUKI	
Model	Type	Capacity	Recommended Manufacturers Specification
SE 400,A		0.7	BPMR4A
SE 500,A,C		0.7	BPMR4A
SE 700A		0.7	BPM6A
SE1000		0.6	BP6HS
SE1200A,LA		0.6	BP6HS
SE1500A		0.6	BP6HS
SE1800A,LA		0.6	BP6HS
SE2500A		0.6	BP6HS
SE3000A		0.6	BP6HS
SE4000S		0.6	BP6HS
SE4000SE		0.6	BP6HS
SW 140S		0.7	BP5HS
SX600,R		0.7	BP5HS
YAMAHA		YAMAHA	
Model	Type	Capacity	Recommended Manufacturers Specification
EF1000		0.6	BP6HS
EF1400		0.6	BP6HS
EF1400A		0.6	BP6HS
EF1600		0.6	BP6HS
EF1800		0.6	BP6HS
EF2000A		0.6	BP6HS
EF2500		0.6	BP6HS
EF2600		0.6	BP6HS
EF2800A		0.6	BP6HS
EF3800		0.7	BPR6HS
EF5000	E	0.6	BP6HS
EF5000DV	E	0.6	BP6HS
EF600		0.7	BPM6A
EF6000		0.8	BPR5ES
ET1500		0.6	B6HS
		1980->	



COMMERCIAL & INDUSTRIAL ENGINES



GENERATOR

Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval
YAMAHA								
ET1500			1981->			0.7	B7HS	BR7HS
ET300						0.6	BP5HM	
ET500						0.6	B5ES	
ET600	A					0.6	B5ES	
ET900						0.6	B5ES	
YL GENERATOR						0.8	BPR4ES	
YL5000						0.7	BPR6HS	
MD 550						0.7	BPMR4A	



COMMERCIAL & INDUSTRIAL ENGINES



LAWN MOWER ENGINE

Model	Type	Capacity	Year	Cylinder	Engine	Gap	Recommended Manufacturers Specification	Alternative 15 000km Service Interval
ROBIN								
EH30V	- DIESEL VEHICLE				4 STROKE	0.8	BPR6ES	BP6ES
EH34V					4 STROKE	0.8	BPR6ES	BP6ES
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								
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	BMGA BMR6A
MV	100S					0.6	B4LM
MV	125M					0.6	BMGA BMR6A
MV	85M					0.6	BMGA 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
431	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

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
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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
GXV120						0.8	BPR5ES	BP5ES
GXV160						0.8	BPR6ES	BP6ES



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	
Model	Type	Capacity	Recommended Manufacturers Specification
GXV270		0.8	BPR5ES
GXV340		0.8	BPR5ES
KAWASAKI		KAWASAKI	
FA	130	0.6	BM6A
FA	210	0.6	BM6A
FB	460V	0.6	BM4A
FC	150V	0.8	BPR6ES
FC	290V	0.8	BPR5ES
FG	100LB	1	0.7 BP4HS
FG	150		0.7 BP4HS
FG	150LB	1	0.7 BP4HS
FG	200		0.7 BP4HS
FG	200LB	2	0.7 BP4HS
FG	300		0.7 BP4HS
FG	300LB	3	0.7 BP4HS
KF	100		0.5 B4H
KF	150		0.5 B4H
KF	200		0.5 B4H
KF	24		0.6 B6HS
KF	34		0.7 B6S
KF	82		0.6 B6HS
KT	40		0.6 B6HS
KT	43		0.6 B6HS
TD	40		0.7 BM7A
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
KT195	19HP	0.8	BP5FS
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
LO6P		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
J60		0.6	B6L
JB		0.6	B6L
JC		0.6	B6L
MH		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	
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
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	



COMMERCIAL & INDUSTRIAL ENGINES



MULTI-PURPOSE ENGINE

- DIESEL VEHICLE

Model

Type



Capacity



Year



Cylinder



Engine



Gap

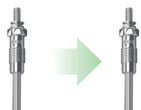


Recommended
Manufacturers
Specification



Alternative
15 000km
Service Interval

TECUMSEH		TECUMSEH	
VH70	6HP	0.6	B4LM
VH80		4 STROKE	0.7 B6S
VM80	8HP	0.6	B4LM
VILLIERS		HOMELITE	
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
YAMAHA		YAMAHA	
V	460,1,5,D	0.8	BPR5ES BP5ES
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



GLOW PLUG CONVERSION CHART

Beru to NGK

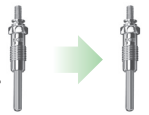










BERU	NGK	BERU	NGK	BERU	NGK	BERU	NGK
0100101305	DG-237	0100226171	Y-712RS	0100226375	Y-516J	0100800031	Y-519J
0100101306	DG-237	0100226173	Y-918R	0100226379	Y-745U	105MJ	Y-403-1
0100220103	Y-207T	0100226180	Y-146R	0100226381	Y-937J	105MN	Y-208T
0100220113	Y-204RS	0100226182	Y-147T	0100226384	Y-524J	106MJ	Y-403-1
0100220114	Y-112M1	0100226183	Y-115R1	0100226385	Y-525J	107M	Y-810
0100220115	Y-112R1	0100226184	Y-730U	0100226391	Y-939J	107MJ	Y-810
0100220118	Y-705RS	0100226185	Y-922R	0100226391	Y-939J	108MJ	Y-810
0100220206	Y-403T	0100226186	Y-923U	0100226391	Y-939J	112M	Y-302
0100221101	Y-302	0100226188	Y-731U	0100226392	Y-543J	130MJ	Y-405
0100221102	Y-208T	0100226189	Y-914U	0100226417	Y-523J	137MJ	Y-403T
0100221103	Y-208T	0100226194	Y-707RS	0100226422	Y-749J	141MJ	Y-207T
0100221106	Y-208T	0100226206	Y-604J	0100226432	Y-926U	141MJ	Y-207T
0100221107	Y-902R	0100226207	Y-710J	0100226436	Y-534J	151MJ	Y-208T
0100221125	Y-902R	0100226208	Y-711J	0100226475	Y-532J	155MJ	Y-404
0100221132	Y-902R	0100226209	Y-307R	0100226480	Y-542J	161MJ	Y-208T
0100221133	Y-902R	0100226227	Y-732U	0100226482	Y-741U	162MJ	Y-207T
0100221135	Y-908R	0100226229	Y-924U	0100226492	Y-1005J	162MJ	Y-207T
0100221141	Y-909R	0100226234	Y-916R	0100226495	Y-603J	170MJ	Y-811
0100221144	Y-911R	0100226235	Y-925R	0100226497	Y-541J	171MJ	Y-810
0100221145	Y-902R	0100226237	Y-933J	0100226527	Y-531J	601MJ	Y-918R
0100221146	Y-910R	0100226238	Y-740U	0100230101	Y-118T	602MJ	Y-208T
0100221147	Y-115T1	0100226243	Y-715R	0100230101	Y-181T	603MJ	Y-924J
0100221148	Y-128T	0100226245	Y-506J	0100230102	Y-162R1	609MJ	Y-902R
0100221149	Y-117RS	0100226246	Y-738U	0100230102	Y-162R1	613MJ	Y-902R
0100221151	Y-118T1	0100226249	Y-928U	0100230107	Y-755RS	624MJ	Y-902R
0100221152	Y-204TS1	0100226250	Y-929U	0100231104	Y-157R	631MJ	Y-907R
0100221154	Y-107R	0100226255	Y-605J	0100231104	Y-157R	633MJ	Y-902R
0100221163	Y-917U	0100226255	Y-605J	0100231107	Y-197R	636MJ	Y-924J
0100221170	Y-739R	0100226258	Y-930U	0100231107	Y-197R	642MJ	Y-924J
0100221186	Y-306R	0100226299	Y-927J	0100231109	Y-757RS	657MJ	Y-909R
0100221206	Y-404	0100226300	Y-748U	0100231109	Y-757RS	661MJ	Y-910J
0100221209	Y-403-1	0100226336	Y-701J	0100231114	Y-197T	663MJ	Y-924J
0100221210	Y-405	0100226338	Y-501U	0100266002	Y-547AS	666MJ	Y-910J
0100221301	Y-811	0100226343	Y-741U	0100266002	Y-547AS	673MJ	Y-115T1
0100221698	Y-935U	0100226344	Y-504J	0100266008	Y-607AS	678MJ	Y-128T
0100222101	Y-118R	0100226344	Y-504J	0100266009	YE14	685MJ	Y-117RS
0100222102	Y-168R	0100226351	Y-517J	0100266011	Y-8002AS	689MJ	Y-204TS1
0100222106	Y-508J	0100226352	Y-530J	0100266016	Y-609AS	705MJ	Y-107R
0100222301	Y-403-1	0100226354	Y-502R	0100266040	Y-1002AS	719MJ	Y-924J
0100222301	Y-810	0100226362	Y-507J	0100276004	YEO4	730MJ	Y-739R
0100222302	Y-810	0100226365	Y-746J	0100276005	YE12	749MJ	Y-306R
0100226129	Y-729U	0100226366	Y-924J	0100276008	Y-8003J	783MJ	Y-729U
0100226163	Y-913M	0100226371	Y-503J	0100276012	YE05	844MJ	Y-933J
0100226164	Y-933J	0100226372	Y-747U	0100276014	YE13	852MJ	Y-913J
0100226170	Y-712RS	0100226373	Y-732J	0100276015	YE07	853MJ	Y-712RS

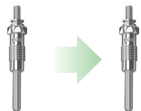


GLOW PLUG CONVERSION CHART

Beru to NGK



							
BERU	NGK	BERU	NGK	BERU	NGK	BERU	NGK
854MJ	Y-712RS	GD348	DG-237	GN854	Y-712RS	GV663	Y-920R
855MJ	Y-732J	GD368	DG-237	GN855	Y-732U	GV666	Y-910R
857MJ	Y-918J	GD382	DG-237	GN857	Y-918R	GV673	Y-115T1
858MJ	Y-916J	GE100	Y-607AS	GN858	Y-916R	GV678	Y-128T
860MJ	Y-930U	GE101	YE14	GN860	Y-930U	GV685	Y-117RS
880MJ	Y-157R	GE102	Y-547AS	GN905	Y-730U	GV688	Y-118T1
886MJ	Y-146R	GE105	Y-8002AS	GN908	Y-922R	GV689	Y-204TS1
887MJ	Y-181T	GE108	Y-609AS	GN909	Y-923U	GV705	Y-107R
888MJ	Y-204RS	GE115	Y-1002AS	GN912	Y-731U	GV719	Y-917U
889MJ	Y-112M1	GN003	Y-745U	GN917	Y-914U	GV730	Y-739R
890MJ	Y-162R1	GN003	Y-745U	GN921	Y-722J	GV749	Y-306R
892MJ	Y-112R1	GN005	Y-701J	GN925	Y-926U	GV783	Y-729U
894MJ	Y-118R	GN005	Y-701J	GN927	Y-935U	GV844	Y-933R
895MJ	Y-197R	GN007	Y-741U	GN939	Y-525J	GV852	Y-913M
896MJ	Y-168R	GN008	Y-501U	GN944	Y-604J	GV880	Y-157R
897MJ	Y-147T	GN010	Y-746R	GN948	Y-925R	GV886	Y-146R
898MJ	Y-115R1	GN012	Y-502R	GN954	Y-924U	GV887	Y-181T
905MJ	Y-730U	GN013	Y-938R	GN959	Y-932R	GV888	Y-204RS
908MJ	Y-924J	GN015	Y-534J	GN961	Y-929U	GV889	Y-112M1
909MJ	Y-924J	GN016	Y-503R	GN963	Y-506R	GV890	Y-162R1
912MJ	Y-503J	GN017	Y-747U	GN964	Y-738U	GV892	Y-112R1
917MJ	Y-924J	GN018	Y-515J	GN970	Y-928U	GV894	Y-118R
920MJ	Y-705RS	GN019	Y-516J	GN985	Y-605J	GV895	Y-197R
921MJ	Y-707RS	GN022	Y-937R	GN991	Y-927R	GV896	Y-168R
922MJ	Y-757RS	GN024	Y-507R	GN992	Y-748U	GV897	Y-147T
927MJ	Y-910J	GN026	Y-517J	GN993	Y-524J	GV898	Y-115R1
944MJ	Y-604J	GN027	Y-504R	GN999	Y-740U	GV920	Y-705RS
945MJ	Y-307R	GN030	Y-939J	GV105	Y-208T	GV921	Y-707RS
946MJ	Y-710J	GN033	Y-523J	GV106	Y-403-1	GV922	Y-757RS
947MJ	Y-711J	GN035	Y-749J	GV107	Y-810	GV945	Y-307R
948MJ	Y-925J	GN039	Y-530J	GV108	Y-810	GV946	Y-742U
950MJ	Y-732U	GN041	Y-534J	GV112	Y-302	GV947	Y-711J
954MJ	Y-924J	GN043	Y-532J	GV130	Y-405	GV968	Y-715R
959MJ	Y-933J	GN044	Y-755RS	GV137	Y-403T	GV969	Y-197T
961MJ	Y-929U	GN045	YE12	GV151	Y-208T		
963MJ	Y-506J	GN046	Y-741U	GV155	Y-404		
964MJ	Y-738U	GN047	YE04	GV170	Y-811		
968MJ	Y-715R	GN047	YE04	GV602	Y-208T		
969MJ	Y-197T	GN056	YE05	GV603	Y-902R		
970MJ	Y-928U	GN059	YE07	GV624	Y-902R		
991MJ	Y-927J	GN065	Y-531J	GV631	Y-907R		
999MJ	Y-740U	GN103	Y-603J	GV636	Y-902R		
G 2	Y-902R	GN104	Y-541J	GV642	Y-908R		
G 3	Y-902R	GN109	Y-519J	GV657	Y-909R		
G 4	Y-907R	GN853	Y-712RS	GV661	Y-911R		



GLOW PLUG CONVERSION CHART

Bosch to NGK • Champion to NGK



Bosch	NGK
0250001008	DG-237
0250001012	DG-237
0250001016	DG-237
0250001416	DG-237
0250200013	Y-811
0250200014	Y-810
0250200020	Y-810
0250200035	Y-302
0250200037	Y-404
0250200046	Y-403-1
0250200048	Y-405
0250200049	Y-207T
0250200051	Y-403T
0250200052	Y-207T
0250200053	Y-909R
0250200054	Y-208T
0250200055	Y-810
0250200056	Y-208T
0250200058	Y-208T
0250200059	Y-208T
0250200060	Y-208T
0250200063	Y-207T
0250200065	Y-208T
0250200068	Y-208T
0250200069	Y-908R
0250200069	Y-924J
0250200420	Y-810
0250200420	Y-810
0250200451	Y-403T
0250200451	Y-403T
0250200454	Y-208T
0250200454	Y-208T
0250200456	Y-208T
0250200456	Y-208T
0250200465	Y-208T
0250200465	Y-208T
0250200468	Y-208T
0250200468	Y-208T
0250201001	Y-902R
0250201004	Y-918R
0250201005	Y-902R
0250201006	Y-908R
0250201008	Y-902R
0250201009	Y-902R
0250201011	Y-918R
0250201012	Y-909R

Bosch	NGK
0250201013	Y-902R
0250201015	Y-918R
0250201017	Y-907R
0250201019	Y-902R
0250201021	Y-918R
0250201026	Y-916R
0250201027	Y-917U
0250201029	Y-913M
0250201032	Y-918R
0250201033	Y-923U
0250201034	Y-909R
0250201035	Y-930U
0250201038	Y-925R
0250201039	Y-902R
0250201041	Y-916R
0250201042	Y-924J
0250201043	Y-913M
0250201049	Y-937R
0250201050	Y-932R
0250201053	Y-939J
0250201405	Y-902R
0250201415	Y-918R
0250202001	Y-907R
0250202002	Y-739R
0250202003	Y-115T1
0250202004	Y-128T
0250202005	Y-117RS
0250202006	Y-118T1
0250202007	Y-107T
0250202008	Y-306R
0250202009	Y-732U
0250202013	Y-204RS
0250202015	Y-103
0250202017	Y-112R1
0250202018	Y-910R
0250202020	Y-731U
0250202022	Y-732U
0250202023	Y-741U
0250202024	Y-927R
0250202025	Y-730U
0250202026	Y-929U
0250202028	Y-504R
0250202029	Y-745U
0250202030	Y-543J
0250202032	Y-504R
0250202033	Y-935U

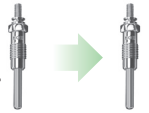
Bosch	NGK
0250202034	Y-928U
0250202035	Y-506R
0250202036	Y-534J
0250202040	Y-729U
0250202041	Y-746R
0250202042	Y-748U
0250202043	Y-523J
0250202051	Y-146R
0250202054	Y-118R
0250202058	Y-147T
0250202064	Y-755RS
0250202065	Y-904M1
0250202069	Y-112M1
0250202071	Y-181T
0250202076	Y-197R
0250202077	Y-705RS
0250202085	Y-742U
0250202086	Y-306R
0250202087	Y-711J
0250202089	Y-701J
0250202090	Y-1006J
0250202092	Y-733J
0250202093	Y-712RS
0250202094	Y-733J
0250202095	Y-532J
0250202096	Y-715R
0250202097	Y-197T
0250202102	Y-501U
0250202103	Y-507R
0250202107	Y-157R
0250202110	Y-112T
0250202119	Y-178T
0250202124	Y-1007J
0250202125	Y-531J
0250202128	Y-517J
0250202129	Y-516J
0250202131	Y-524J
0250202135	Y-1005J
0250203001	YE07
0250203002	Y-8003J
0250204001	YE04
0250312001	CY51
0250312002	CY52
0250312003	CY53
0250312007	CY57
0250402002	Y-547AS



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
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
CH215	Y-501U







GLOW PLUG CONVERSION CHART



Champion to NGK • Denso to NGK • HKT to NGK

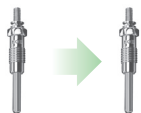


 Champion	 NGK
CH216	Y502R
CH217	Y506R
CH218	Y745U
CH219	Y746R
CH221	Y115T1
CH223	Y8003J
CH224	YE07
CH263	Y1007J
CH268	Y1005J
CH32	Y302
CH44	Y811
CH60	Y207T
CH600	CY52
CH601	CY53
CH602	CY57
CH61	DG-237
CH63	Y208T
CH64	Y404
CH65	Y810
CH66	Y403T
CH68	Y902R
CH68 / 002	Y523J
CH69	Y901R
CH70	Y909R
CH79	Y907R
CH87	Y208T
CH88	Y902R
CH90	Y739R
CH94	Y115T1
CH95	Y146R
CH95 / 302	Y703R
CH96	Y204RS
CH97	Y107R
CH98	Y117RS
CH99	Y117SS

 Denso	 NGK
067100-0160	DG-211
067100-1042	Y402-2
067100-1043	Y452-1
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	Y745U
DG001	Y924J
DG002	Y918R
DG003	Y731U
DG004	Y910R
DG005	Y732U
DG006	Y913M
DG007	Y937R
DG008	Y506R
DG009	Y927R
DG010	Y916R
DG101	Y730U
DG101	Y740U
DG102	Y928U
DG103	Y932R
DG104	Y711RS
DG105	Y115T1
DG106	Y925R
DG110	Y929U
DG111	Y502R
DG113	YE04
DG115	Y729U
DG116	Y504R

 Denso	 NGK
DG117	Y925U
DG118	Y748U
DG119	Y930U
DG120	Y707RS
DG123	Y907R
DG124	Y710R
DG126	Y517J
DG127	Y747U
DG137	Y712RS
DG143	Y104R
DG144	Y732U
DG145	Y507R
DG146	Y701J
DG155	Y746R
DG159	Y307R
DG161	Y923U
DG170	YE07
DG171	Y8003J
DG178	Y547AS
DG202	Y909R
DG211	Y715R
DG214	Y532J
DG215	Y118R
DG216	Y703R
DG221	Y118T1
DG222	Y197R
DG223	Y146R
DG232	Y147T
DG233	Y197T
DG234	Y128T
DG235	Y178T
DG239	Y168R
DG240	Y542J
DG245	Y531J
DG300	CY53
DG301	CY57
DG302	CZ22
DG304	CY52

 HKT	 NGK
CP-01	CY51
CP-02	CY52
CP05	CY55
PD-190	Y146R
PD-191	Y703R
PD-99	Y-108
PH-20	Y-173
PH-21	Y-176
PI-12	DG-200A-1
PI-13	DG-205
PI-40	Y874-1
PI-41	Y808-1
PI-42	Y-104
PI-43	Y-154
PI-44	Y-271-2
PI-46	YI03
PI-47	Y-154R
PI-48	Y-154RS
PI-49	Y904M
PI-50	Y954M
PI-57	Y711RS
PI-58	Y710R
PI40	Y874-1
PI41	Y808-1
PI42	Y-104
PI43	Y-154
PI44	Y-271-2
PI49	Y904M1
PI50	Y954M
PI57	Y711RS
PI58	Y710J
PK-111	Y-159
PK-98	Y-171
PM-160	Y274R
PM-161	Y-115R1
PM-164	Y733J
PM-165	CY55
PM-60	Y-172
PM-61	Y-175-2
PM-61	Y-175S2
PM-62	Y-102
PM-63	Y-201
PM-64	Y802-2
PM-65	Y-251
PM-66	Y-180



GLOW PLUG CONVERSION CHART

HKT to NGK • Motorcraft to NGK • Toyota to NGK



HKT	NGK
PM-71	Y-172
PM-73	Y-274
PM-75	Y-115T1
PM-78	Y-971M
PM-79	Y-114T
PM165	CY55
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-201	Y-103V
PS-202	Y-106V
PS-204	Y-106-1
PS-206	YE01
PS-207	Y-709R
PS-209	Y-119V
PS-210	Y-702U
PT-100	Y-128T
PT-101	Y-178T
PT-103	Y-118T1
PT-104	Y-128T
PT-107	Y-146R

HKT	NGK
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-90	Y-402-2
PT-93	Y-128
PT-94	Y-178
PT151M	Y-118T-1
PZ-30	Y-107T
PZ-31	Y-157R
PZ-33	Y-107R
PZ-34	Y-122

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

Toyota	NGK
1850-0W010	Y-542J
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
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19850-68030	Y-128T
19850-68040	Y-178T
19850-68060	Y-197R

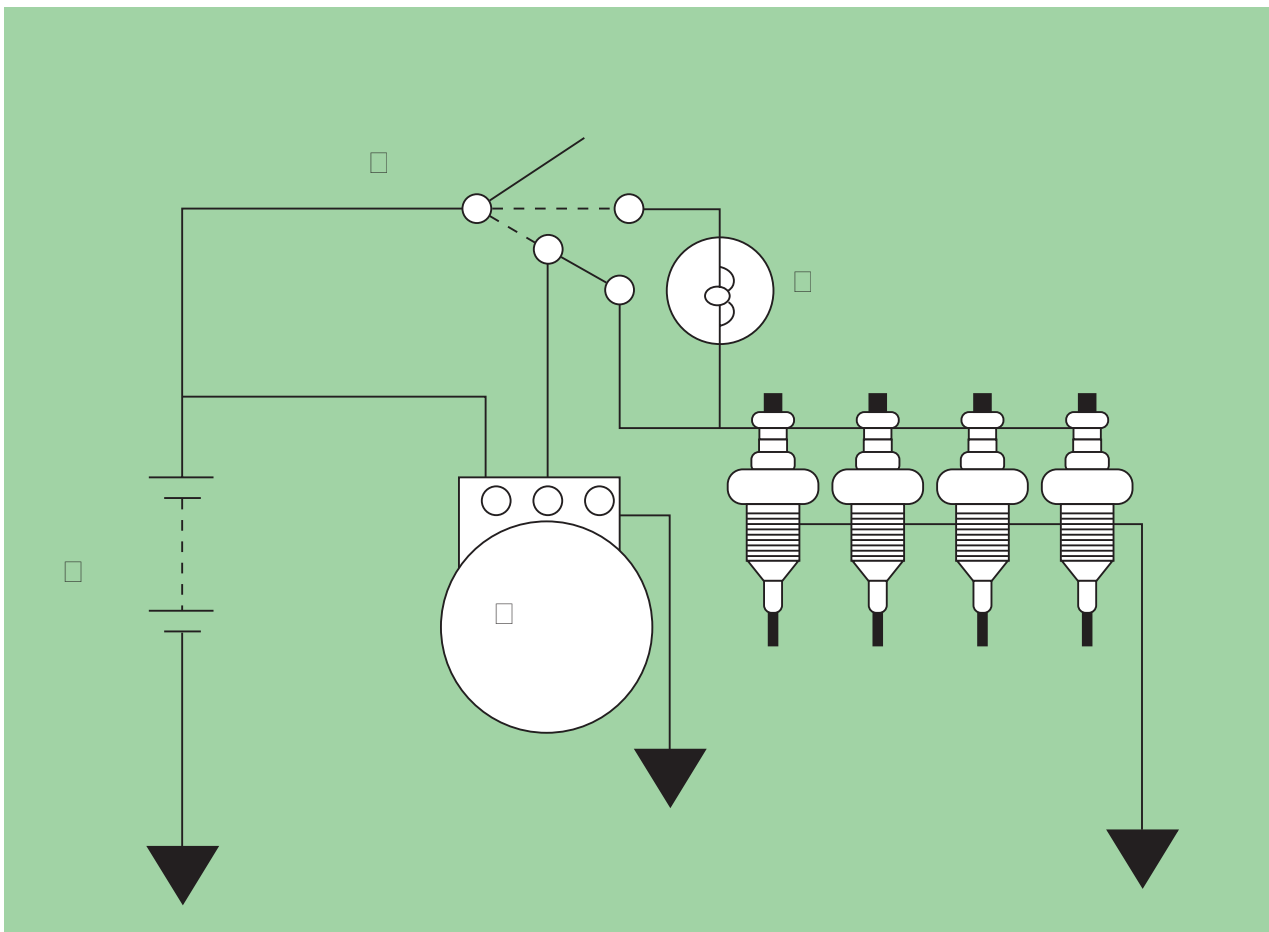
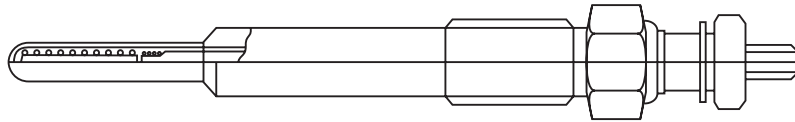


NGK GLOW PLUG TYPES & FEATURES

SHEATHED TYPE GLOW PLUG



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

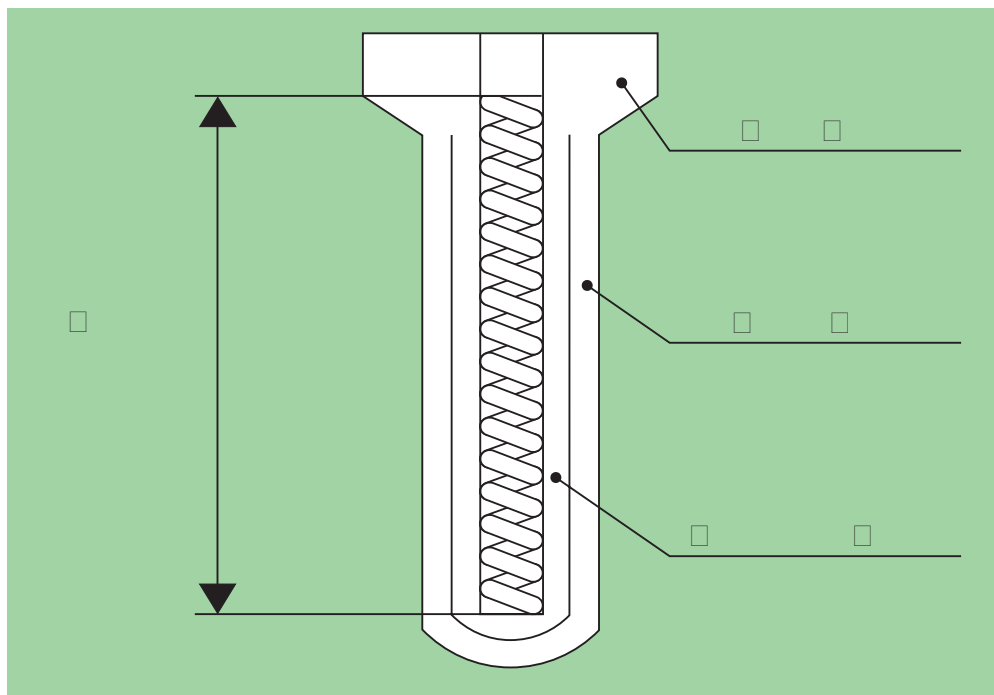
SHEATHED TYPE GLOW PLUG



SINGLE COIL TYPE

The warm up time of the tip is slow.

The coil will be damaged if current flows continuously.

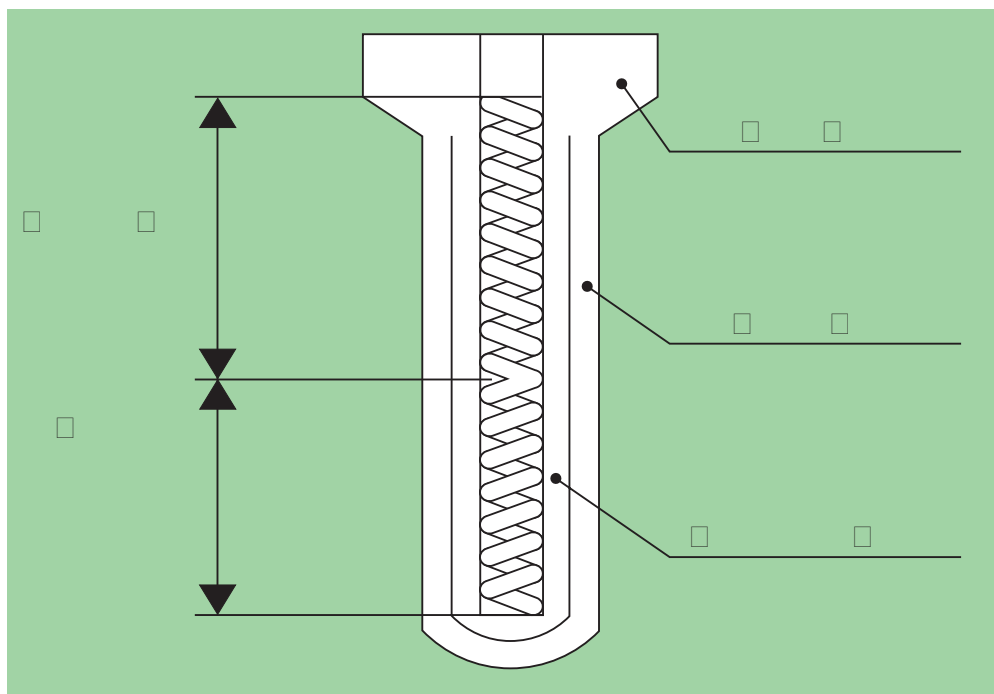


DOUBLE COIL TYPE

The warm up time is much faster.

The coil will not be damaged if current flows continuously

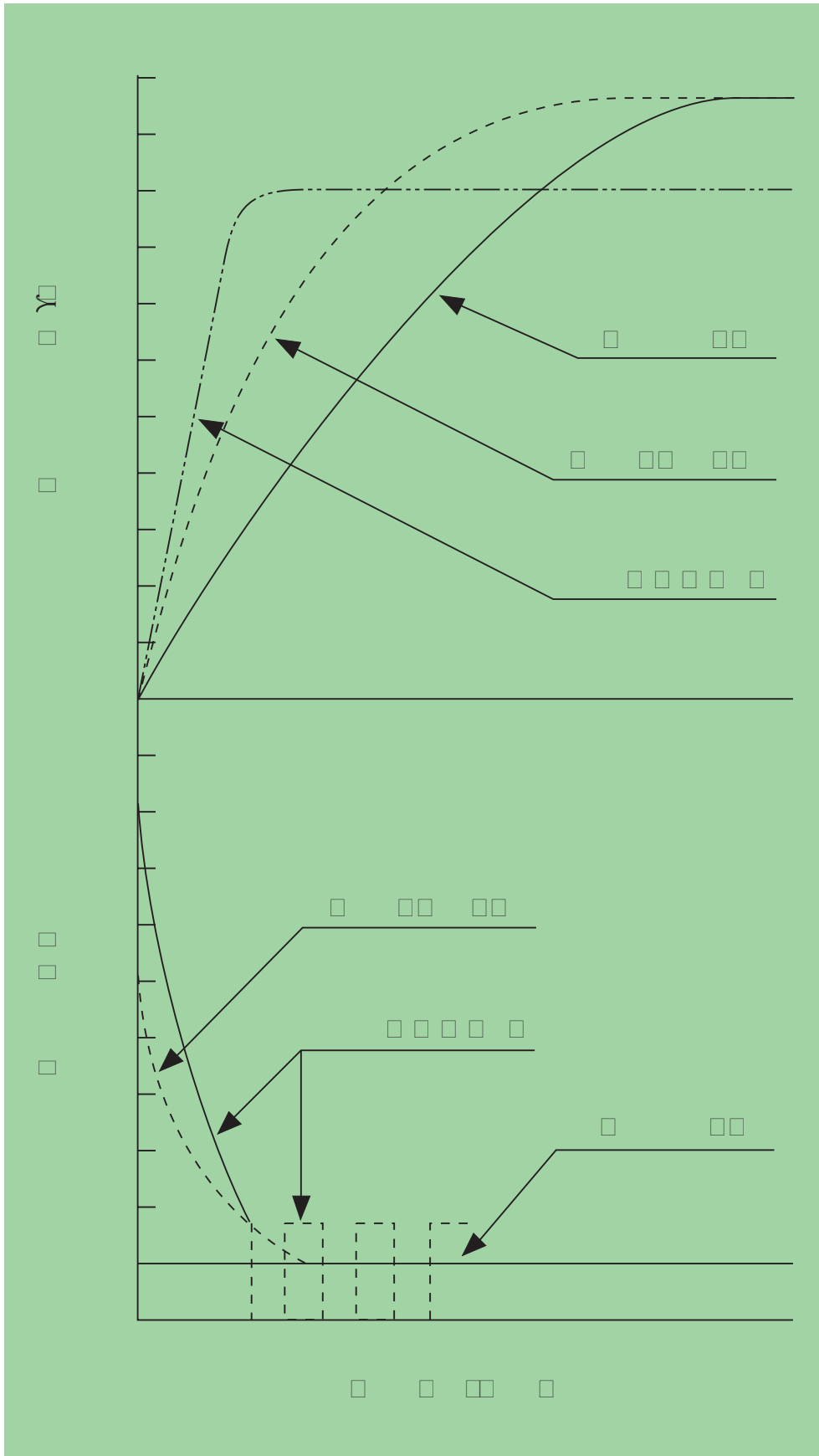
Improved durability.





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.



TESTING OF NGK GLOW PLUG



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.

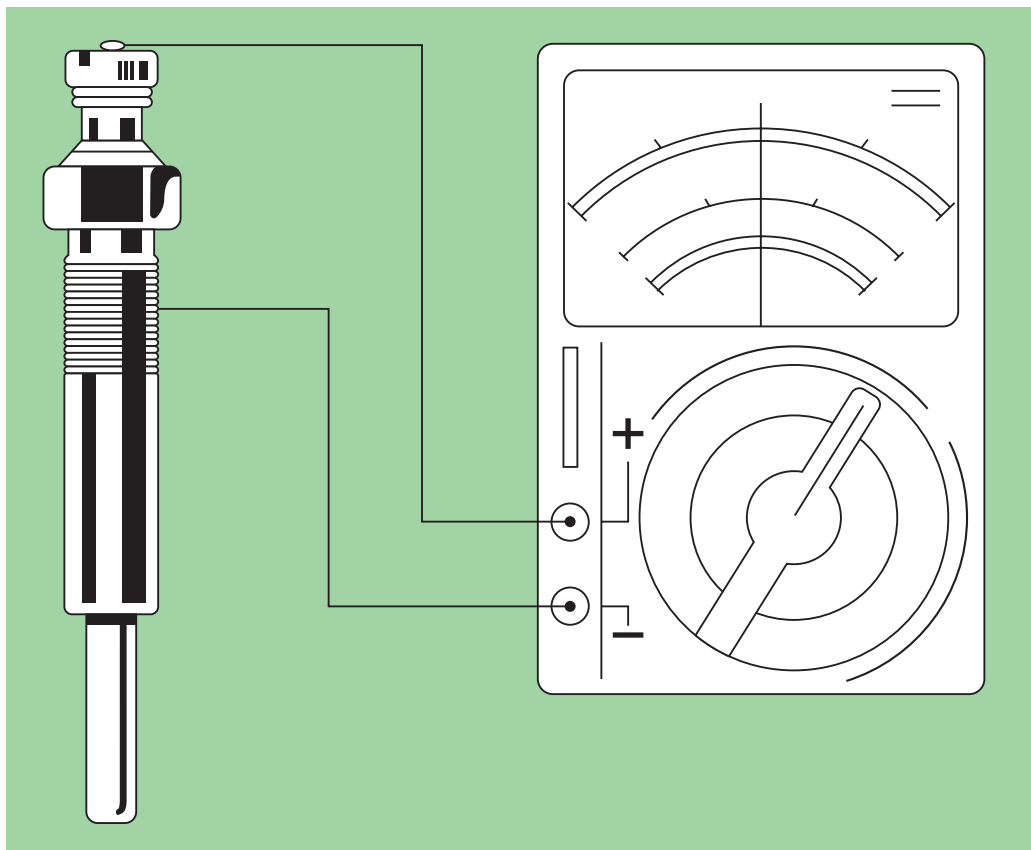
In case of starting difficulties, do not allow current to flow continuously. This will drain the battery and reduce the service life of the glow plug. It is better to turn the glow plugs off for a short while and then try again.

INSPECTION OF SHEATHED TYPE GLOW PLUGS

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

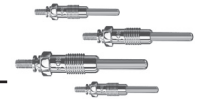
Resistance value ∞ : The heating coil is broken

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





NEW SERIES OF GLOW PLUG



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

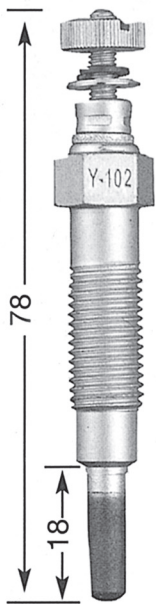
- Ensure that all thread area's are clean and not damaged
- To ensure no cross-threading, please tighten the glow plugs by hand into the combustion chambers
- Apply correct torque to the glow plugs as indicated in the chart below

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)

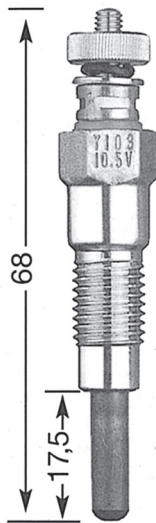


SERIES OF GLOW PLUG

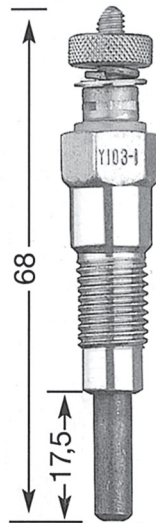
(ACTUAL SIZE)



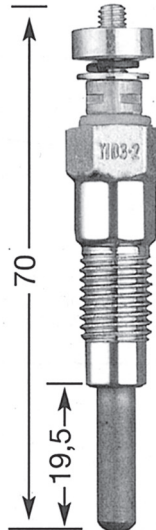
Y-102
M 10 x 1.25
12 Hex
10,5 V



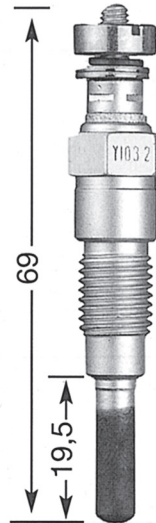
Y-103
M 10 x 1.25
12 Hex
10,5 V



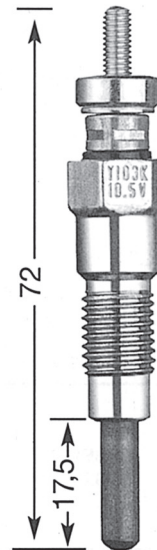
Y-103-1
M 10 x 1.25
12 Hex
10,5 V



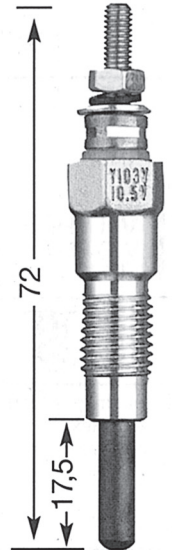
Y-103-2
M 10 x 1.25
12 Hex
10,5 V



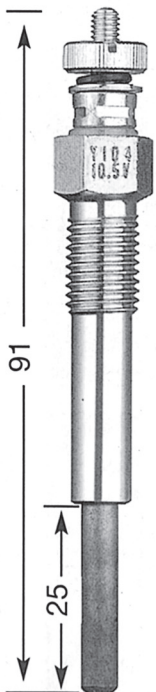
Y-103-2A
M 10 x 1.25
12 Hex
10,5 V



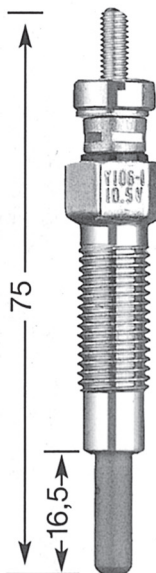
Y-103 K
M 10 x 1.25
12 Hex
10,5 V



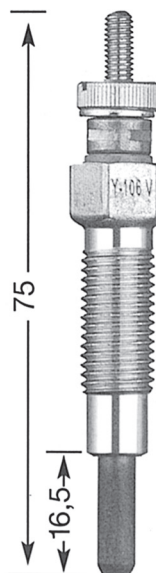
Y-103 V
M 10 x 1.25
12 Hex
10,5 V



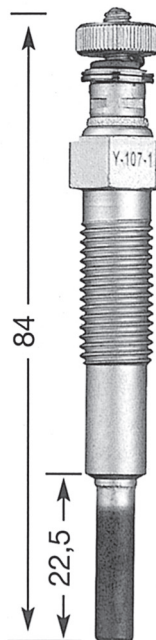
Y-104
M 10 x 1.25
12 Hex
10,5 V



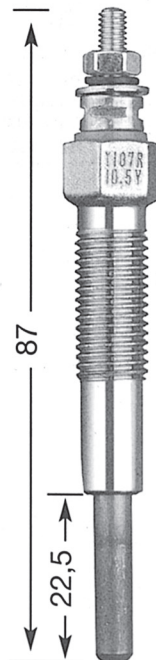
Y-106-1
M 10 x 1.25
12 Hex
10,5 V



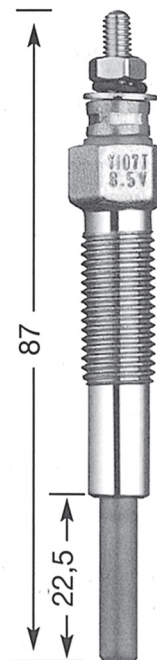
Y-106 V
M 10 x 1.25
12 Hex
10,5 V



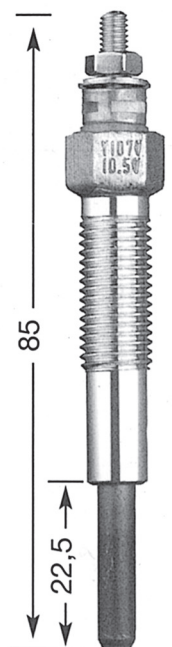
Y-107-1
M 10 x 1.25
12 Hex
10,5 V



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

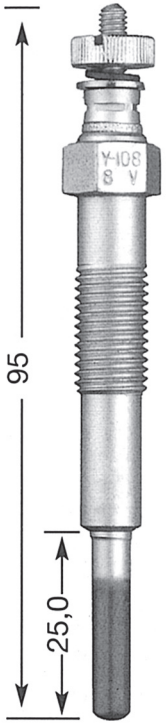


Y-107 V
M 10 x 1.25
12 Hex
10,5 V

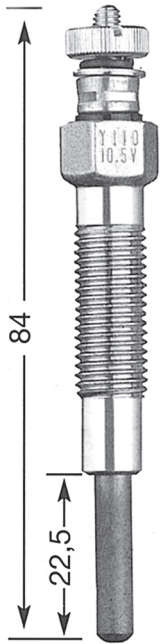


SERIES OF GLOW PLUG

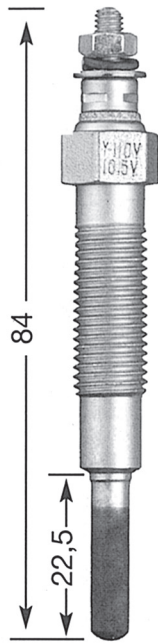
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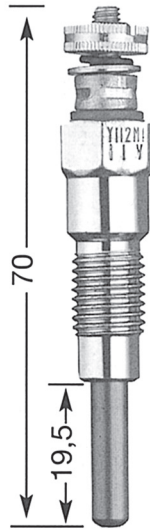
Y-108
M 10 x 1.25
12 Hex
8 V



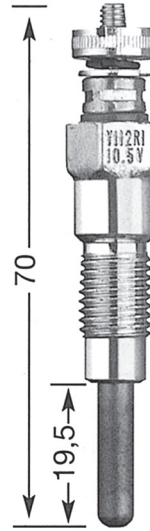
Y-110
M 10 x 1.25
12 Hex
10,5 V



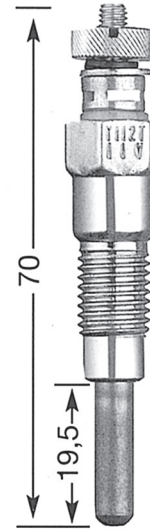
Y-110 V
M 10 x 1.25
12 Hex
10,5 V



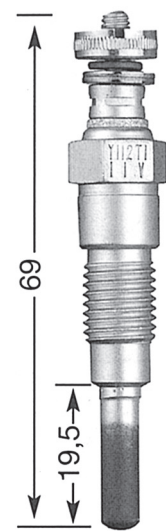
Y-112 M1
M 10 x 1.25
12 Hex
11 V



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



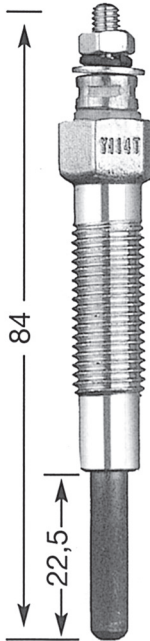
Y-112 T
M 10 x 1.25
12 Hex
11 V



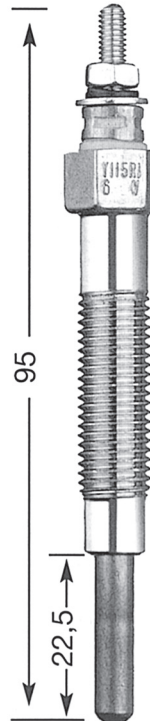
Y-112 T1
M 10 x 1.25
12 Hex
11 V



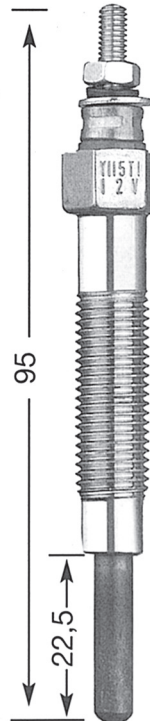
Y-112 TS
M 10 x 1.25
12 Hex
11 V



Y-114 T
M 10 x 1.25
12 Hex



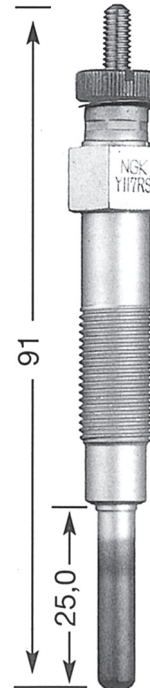
Y-115 R1
M 10 x 1.25
12 Hex
6 V



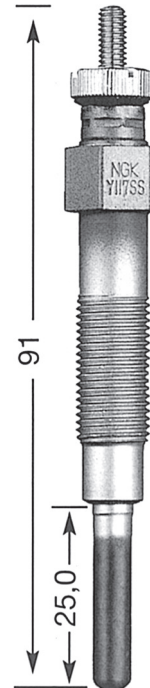
Y-115 T1
M 10 x 1.25
12 Hex
12 V



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

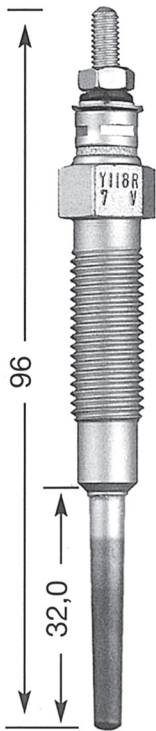


Y-117 SS
M 10 x 1
12 Hex
8,5 V

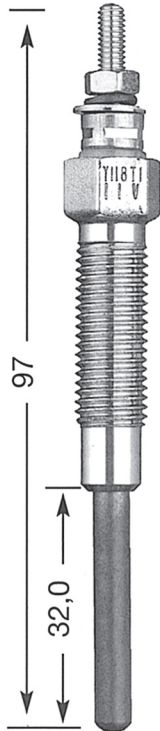


SERIES OF GLOW PLUG

(ACTUAL SIZE)



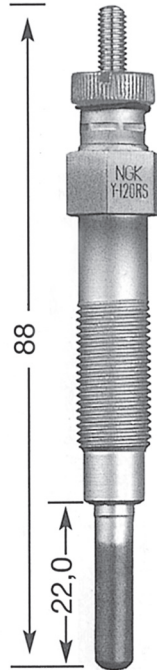
Y-118 R
M 10 x 1.25
12 Hex
7 V



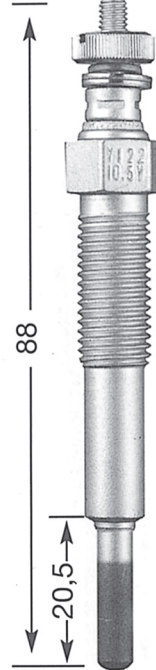
Y-118 T1
M 10 x 1.25
12 Hex
11 V



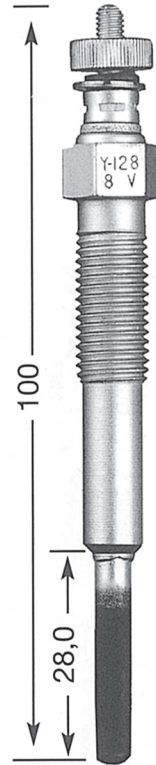
Y-119 V
M 10 x 1.25
12 Hex
10,5 V



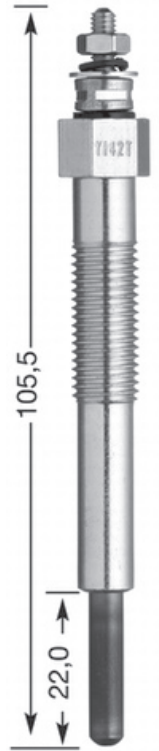
Y-120 RS
M 10 x 1
12 Hex
6,5 V



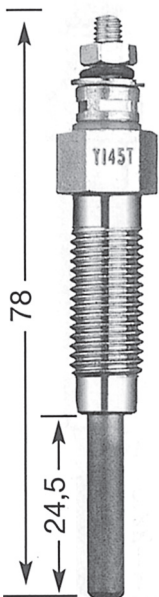
Y-128
M 10 x 1.25
12 Hex
8 V



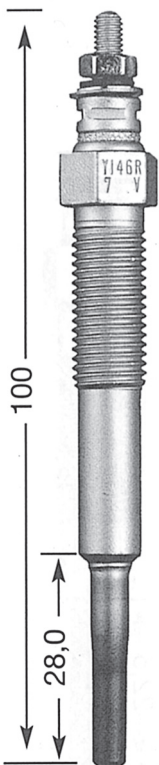
Y-128 T
M 10 x 1.25
12 Hex
8,5 V



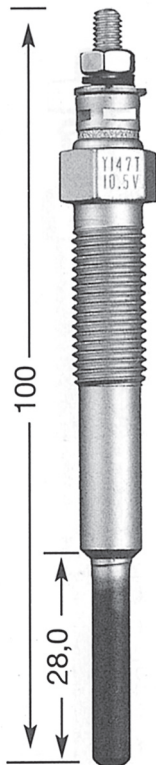
Y-142 T
M 10 x 1.25
12 Hex
12 V



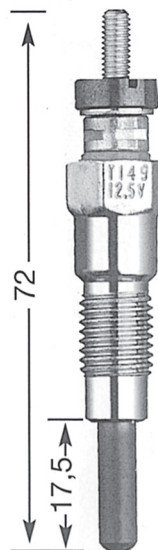
Y-145 T
M 10 x 1.25
12 Hex
10,5 V



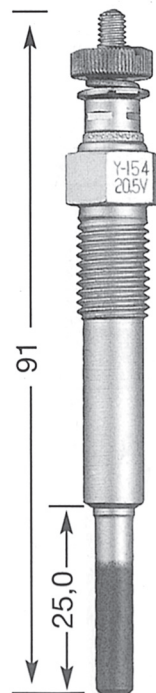
Y-146 R
M 10 x 1.25
12 Hex
7 V



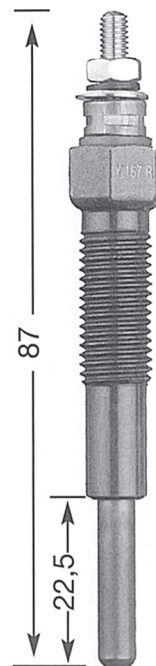
Y-147 T
M 10 x 1.25
12 Hex
10,5 V



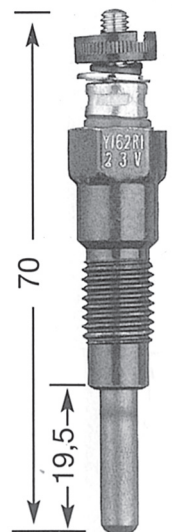
Y-149
M 10 x 1.25
12,5 Hex



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



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

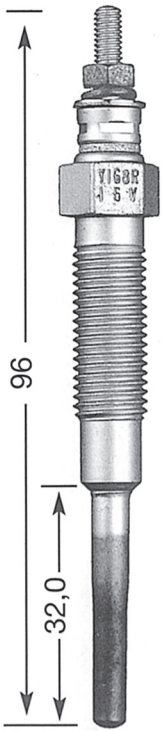


Y-162 R1
M 10 x 1
12 Hex
23 V

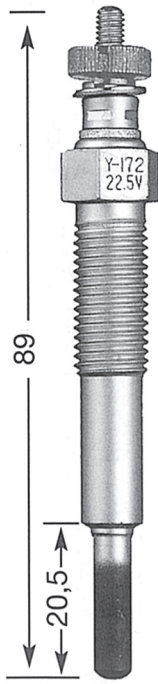


SERIES OF GLOW PLUG

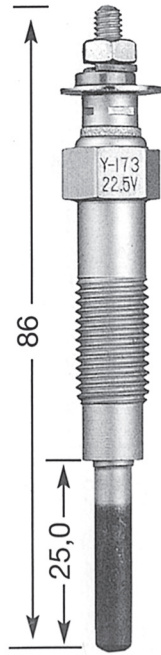
(ACTUAL SIZE)



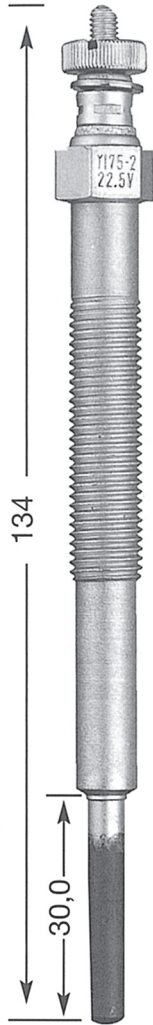
Y-168 R
M 10 x 1.25
12 Hex
16 V



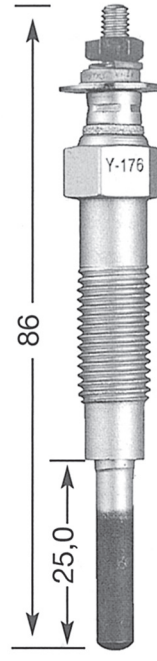
Y-172
M 10 x 1.25
12 Hex
22,5 V



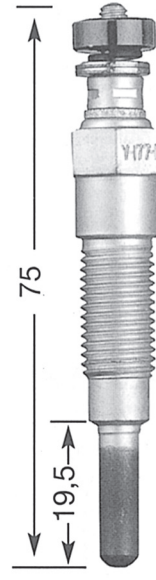
Y-173
M 10 x 1.25
12 Hex
22,5 V



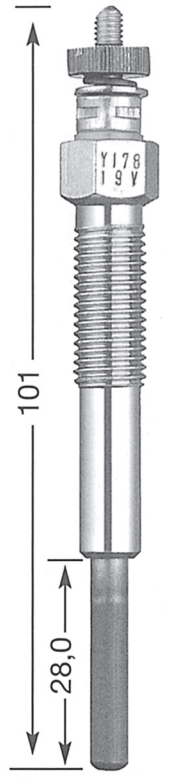
Y-175-2
M 10 x 1.25
12 Hex
22,5 V



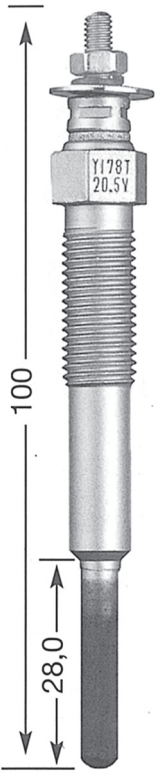
Y-176
M 10 x 1.25
12 Hex
19 V



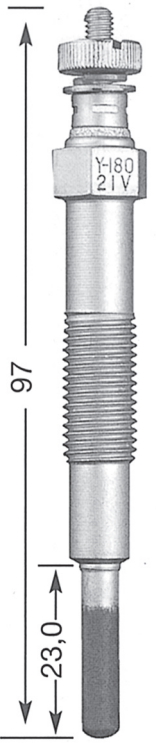
Y-177-1
M 10 x 1.25
12 Hex
21 V



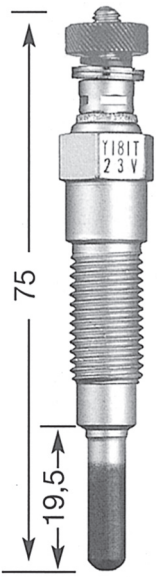
Y-178
M 10 x 1.25
12 Hex
19 V



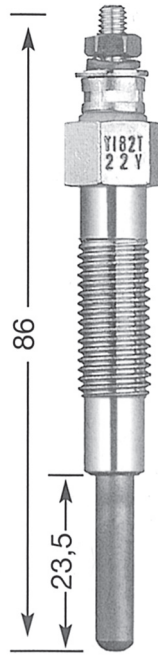
Y-178 T
M 10 x 1.25
12 Hex
20,5 V



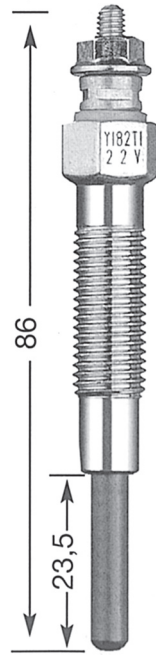
Y-180
M 10 x 1.25
12 Hex
21 V



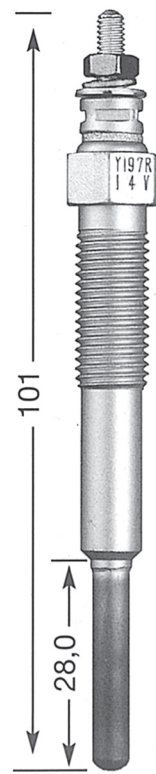
Y-181 T
M 10 x 1.25
12 Hex
23 V



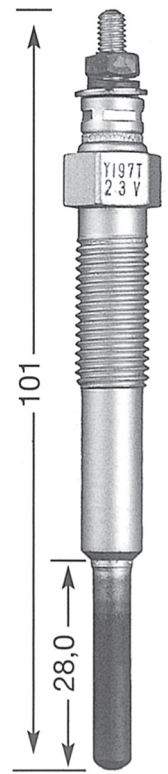
Y-182 T
M 10 x 1.25
12 Hex
22 V



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



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

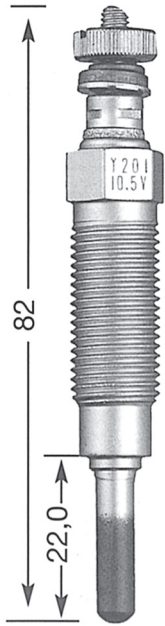


Y-197 T
M 10 x 1.25
12 Hex
23 V

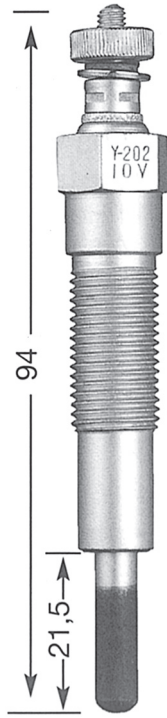


SERIES OF GLOW PLUG

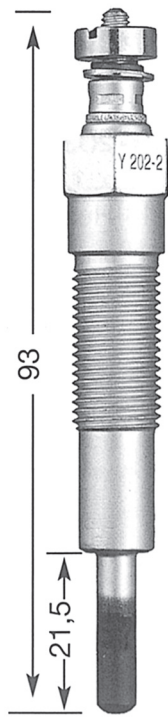
(ACTUAL SIZE)



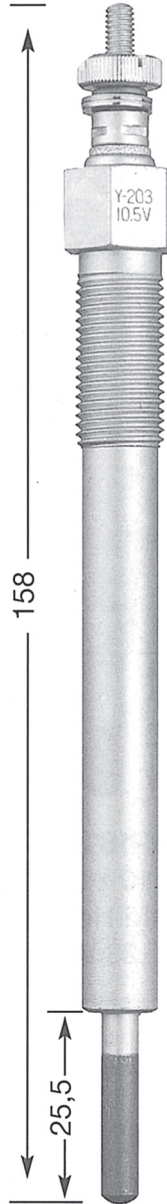
Y-201
M 12 x 1.25
12 Hex
10,5 V



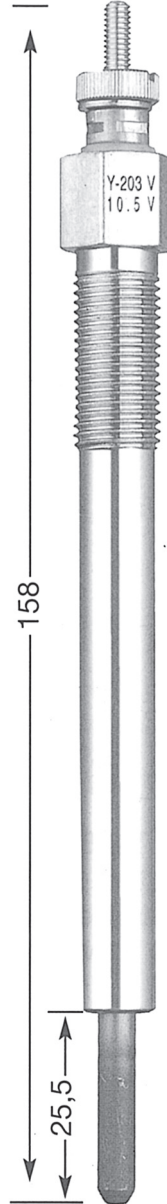
Y-202
M 12 x 1.25
14 Hex
10 V



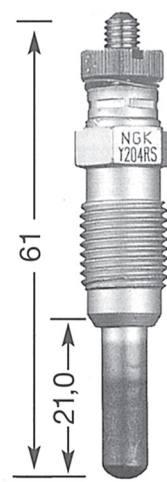
Y-202-2
M 12 x 1.25
14 Hex



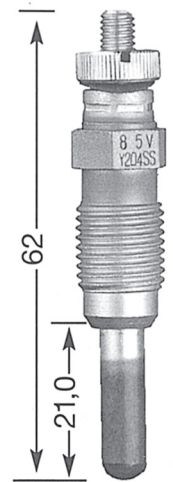
Y-203
M 12 x 1.25
14 Hex
10,5 V



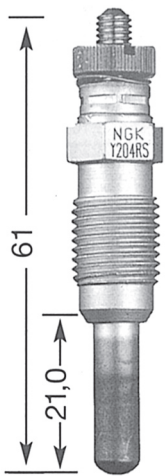
Y-203 V
M 12 x 1.25
14 Hex
10,5 V



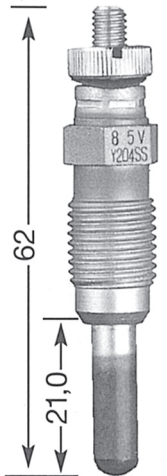
Y-204 RS
M 12 x 1.25
12 Hex
6,5 V



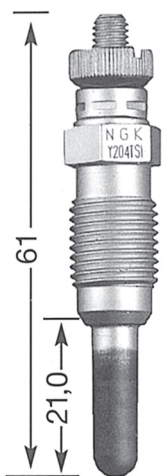
Y-204 SS
M 12 x 1.25
12 Hex
8,5 V



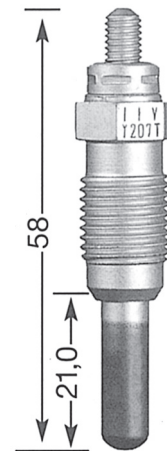
Y-204 RS
M 12 x 1.25
12 Hex
6,5 V



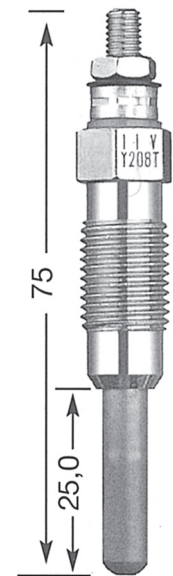
Y-204 SS
M 12 x 1.25
12 Hex
8,5 V



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



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

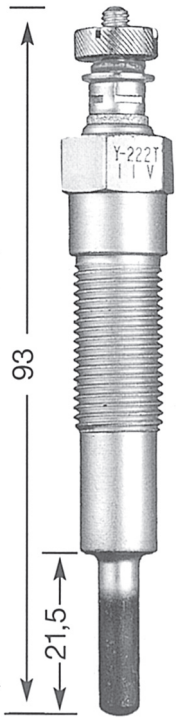


Y-208 T
M 12 x 1.25
12 Hex
11 V

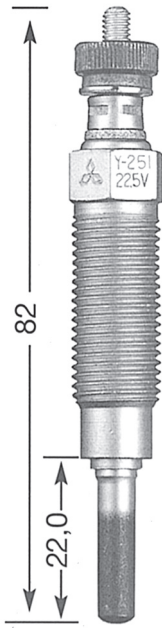


SERIES OF GLOW PLUG

(ACTUAL SIZE)



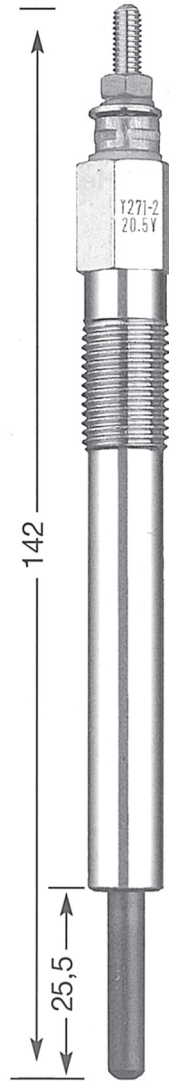
Y-222 T
M 12 x 1.25
14 Hex
11 V



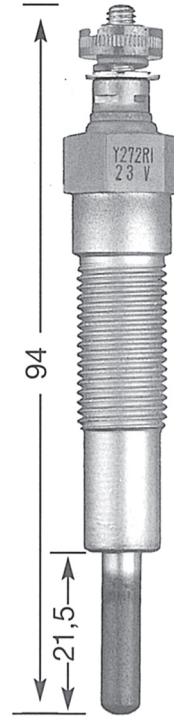
Y-251
M 12 x 1.25
12 Hex
22,5 V



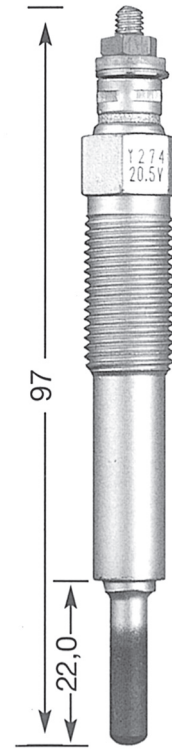
Y-252
M 12 x 1.25
14 Hex
19 V



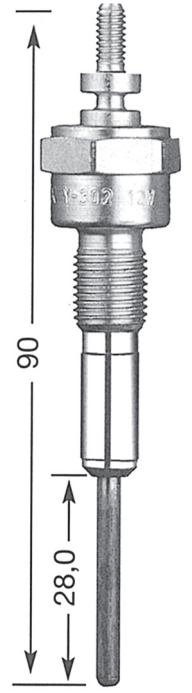
Y-271-2
M 12 x 1.25
12 Hex
20,5 V



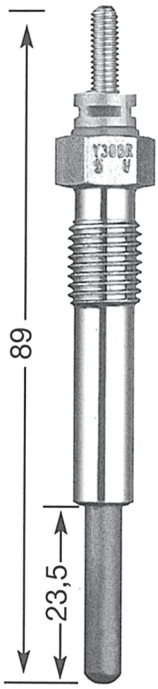
Y-272 R1
M 12 x 1.25
14 Hex
23 V



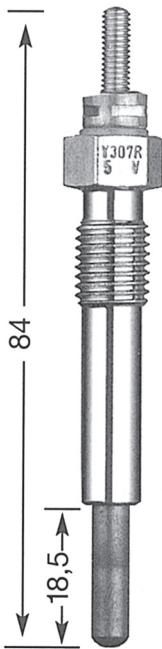
Y-274
M 12 x 1.25
12 Hex
20,5 V



Y-302
M 10 x 1
17 Hex
12 V



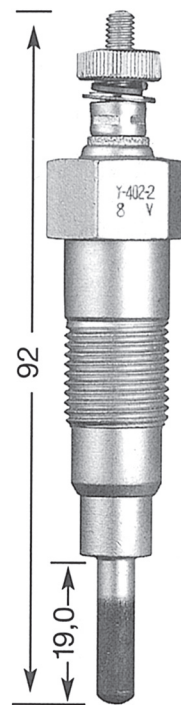
Y-306 R
M 10 x 1.25
12 Hex
5 V



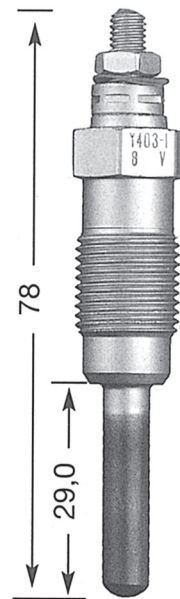
Y-307 R
M 10 x 1.25
12 Hex
5 V



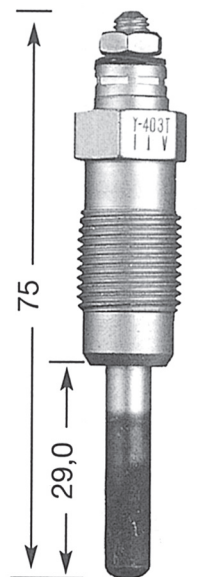
Y-401+3
M 12 x 1.25
14 Hex
10,5 V



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



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

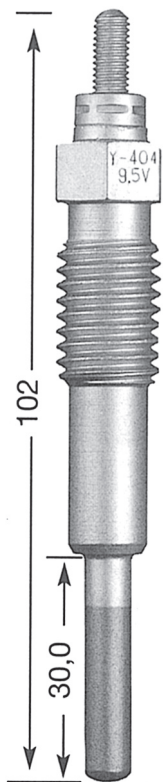


Y-403 T
M 14 x 1.25
14 Hex
11 V



SERIES OF GLOW PLUG

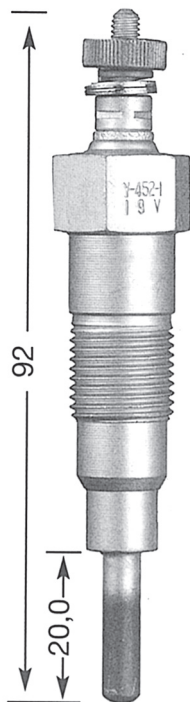
(ACTUAL SIZE)



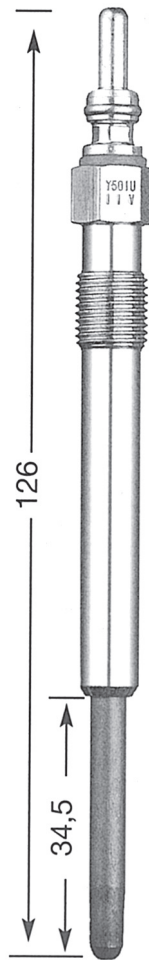
Y-404
M 14 x 2
14 Hex
9,5 V



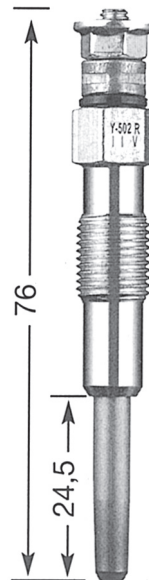
Y-405
M 14 x 1.25
17 Hex
9,5 V



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



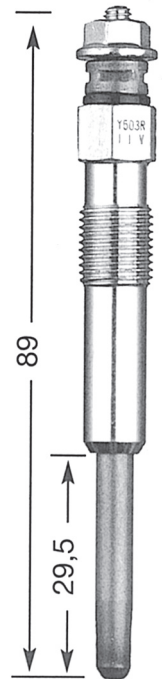
Y-501-UV
M 10 x 1
10 Hex
11 V



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



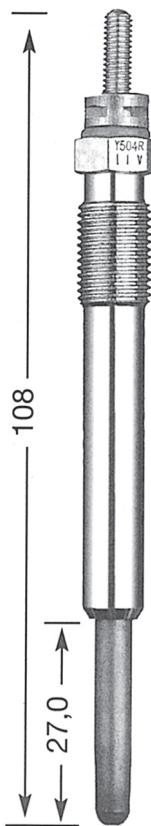
Y-503 J
M 10 x 1
10 Hex
11 V



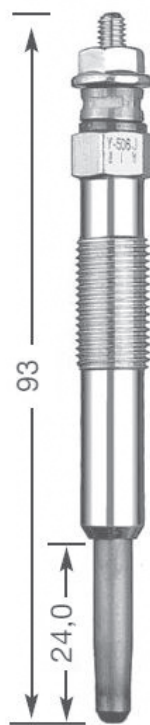
Y-503 R
M 10 x 1
10 Hex



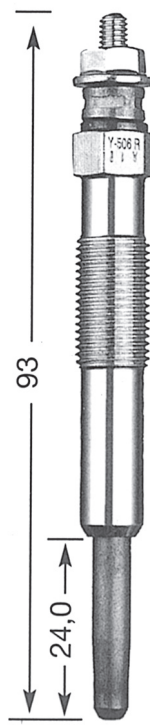
Y-504 J
M 10 x 1
10 Hex
11 V



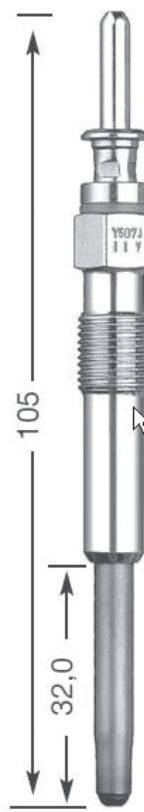
Y-504 R
M 10 x 1
10 Hex
11 V



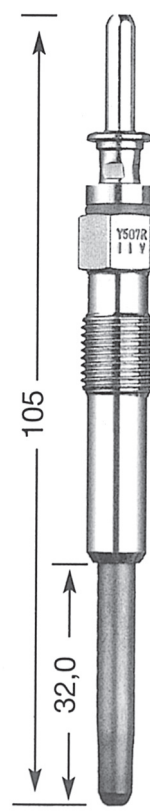
Y-506 J
M 10 x 1
10 Hex
11 V



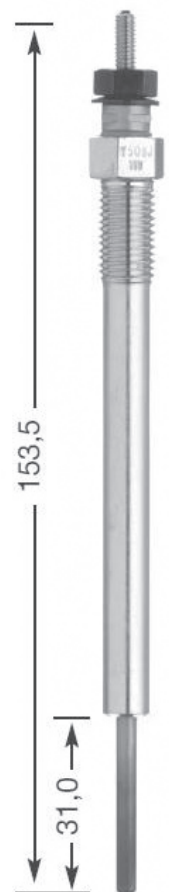
Y-506 R
M 10 x 1
10 Hex
11 V



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



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

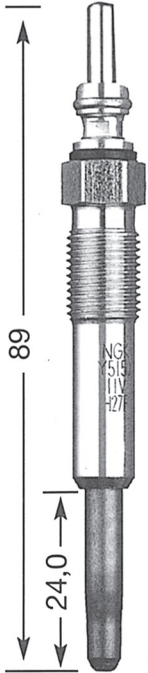


Y-508 J
M 10 x 1.25
12 Hex
11 V

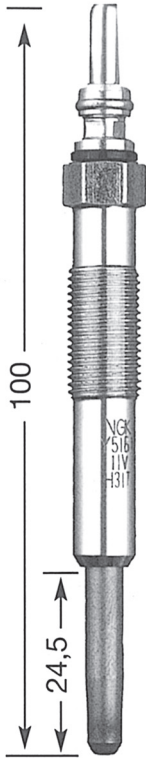


SERIES OF GLOW PLUG

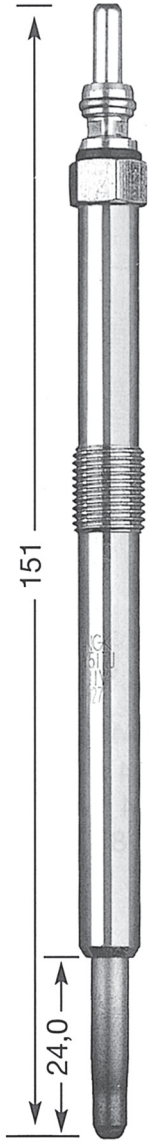
(ACTUAL SIZE)



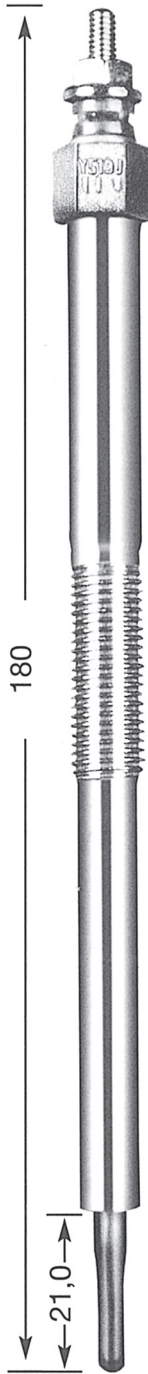
Y-515 J
M 10 x 1
10 Hex
11 V



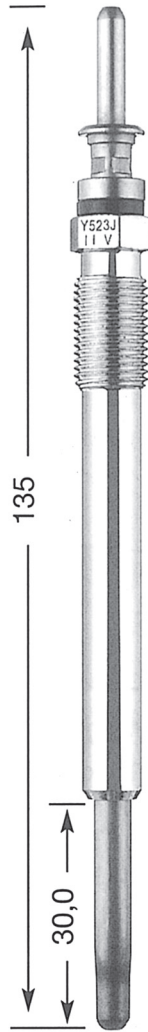
Y-516 J
M 10 x 1
10 Hex
11 V



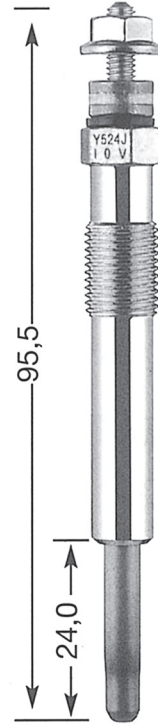
Y-517 J
M 10 x 1
10 Hex
11 V



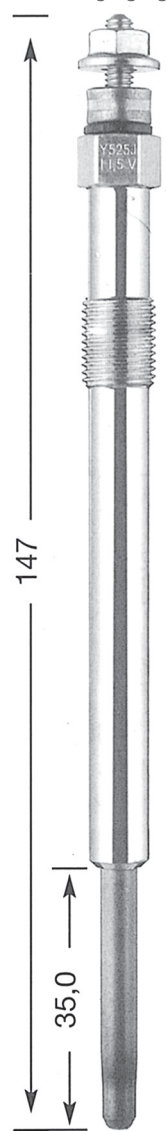
Y-519 J
M 10 x 1
10 Hex
11 V



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



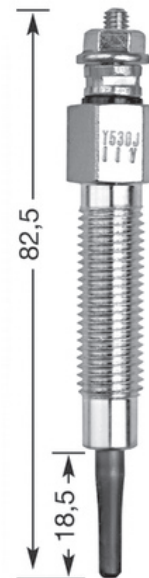
Y-524 J
M 10 x 1.25
10 Hex
10 V



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

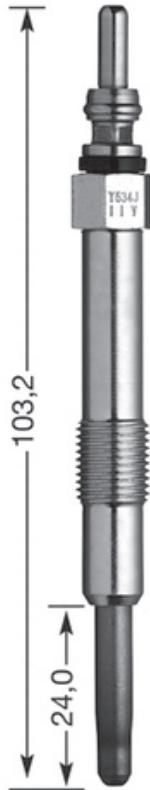
(ACTUAL SIZE)



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



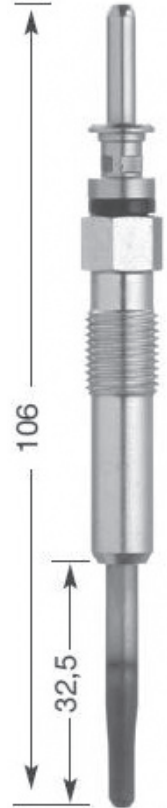
Y-541 J
M 10 x 1.25
10 Hex



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



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



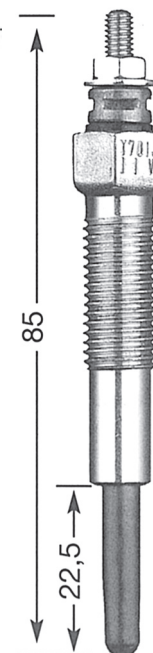
Y-547 AS
M 10 x 1
10 Hex
5 V



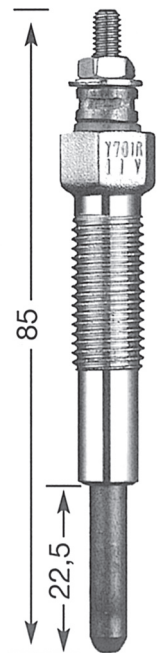
Y-607 AS
M 10 x 1
10 Hex
5 V



Y-609 AS
M 10 x 1
10 Hex
4,4 V
DP49



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

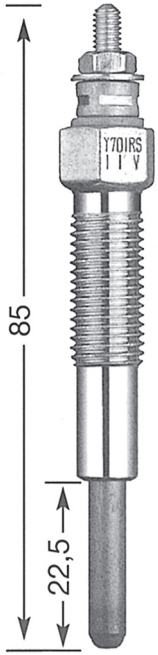


Y-701 R
M 10 x 1.25
12 Hex
11 V



SERIES OF GLOW PLUG

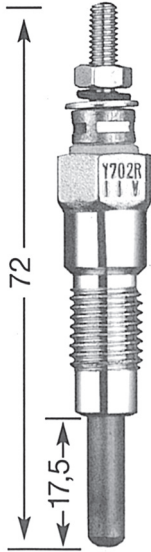
(ACTUAL SIZE)



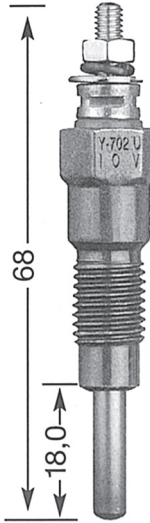
Y-701 RS
M 10 x 1.25
12 Hex
11 V



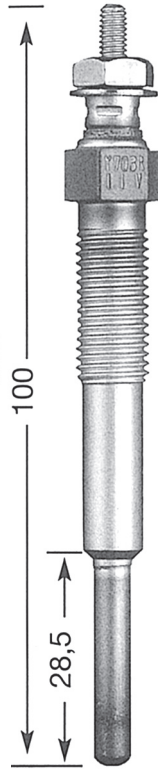
Y-701 U
M 10 x 1.25
12 Hex
10 V



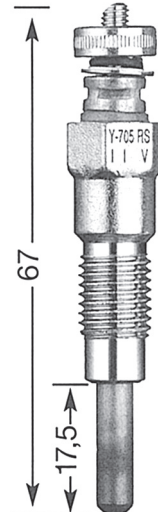
Y-702 R
M 10 x 1.25
12 Hex
11 V



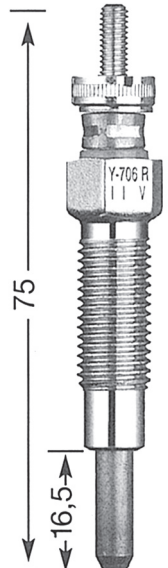
Y-702 U
M 10 x 1.25
12 Hex
10 V



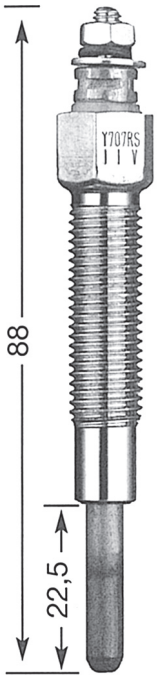
Y-703 R
M 10 x 1.25
12 Hex
11 V



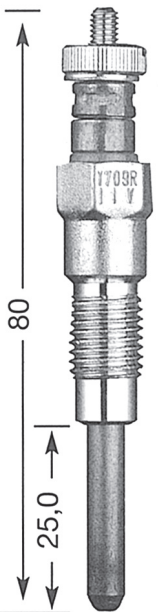
Y-705 RS
M 10 x 1.25
12 Hex
11 V



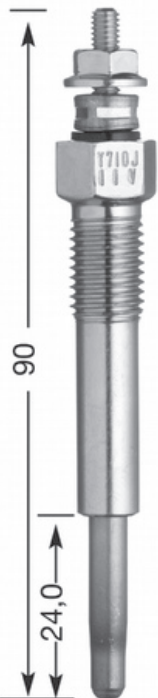
Y-706 R
M 10 x 1.25
12 Hex
11 V



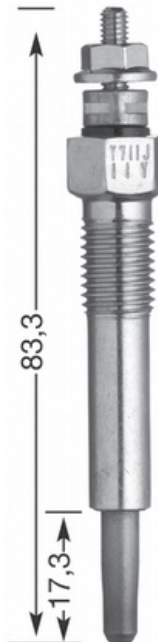
Y-707 RS
M 10 x 1.25
12 Hex
11 V



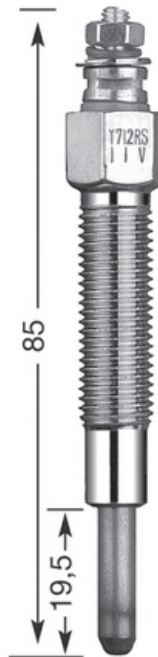
Y-709 R
M 10 x 1.25
12 Hex
11 V



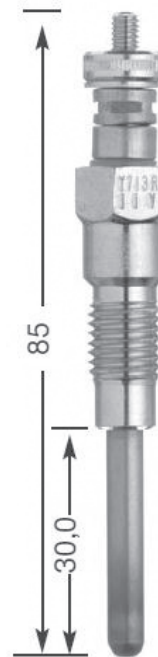
Y-710 J
M 10 x 1.25
12 Hex
11 V



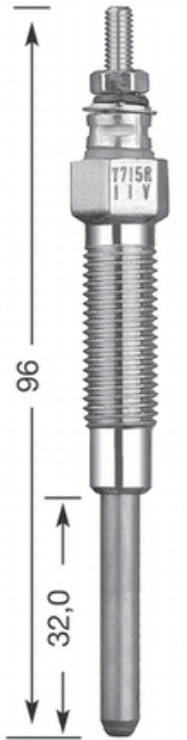
Y-711 J
M 10 x 1.25
12 Hex
11 V



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



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

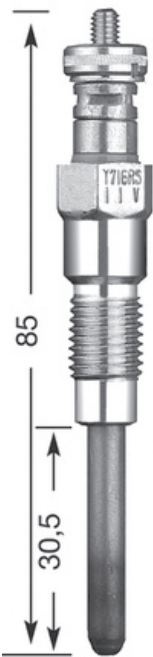


Y-715 R
M 10 x 1.25
12 Hex
11 V

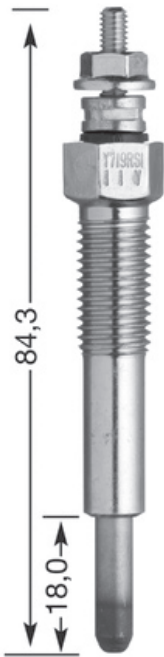


SERIES OF GLOW PLUG

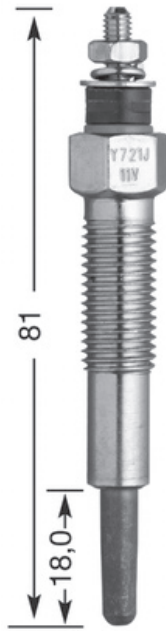
(ACTUAL SIZE)



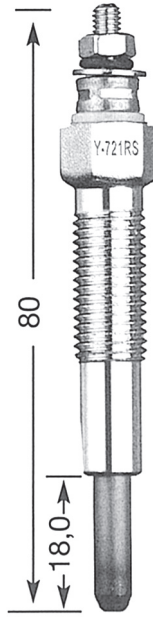
Y-716 RS
M 10 x 1.25
12 Hex
11 V



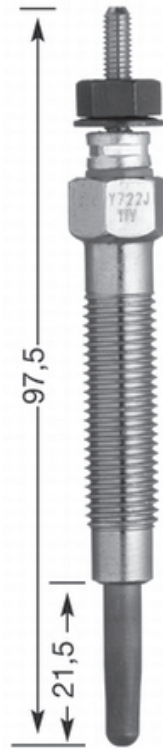
Y-719 RS
M 10 x 1.25
12 Hex
11 V



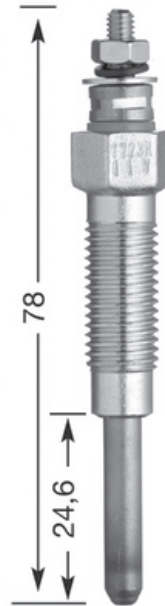
Y-721 J
M 10 x 1.25
12 Hex
11 V



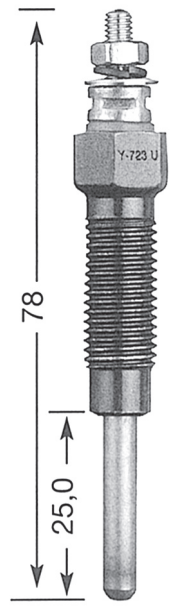
Y-721 RS
M 10 x 1.25
12 Hex
11 V



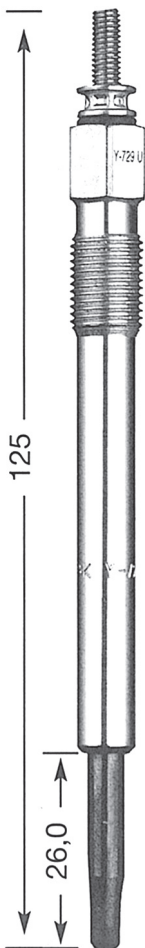
Y-722 J
M 10 x 1.25
12 Hex
11 V



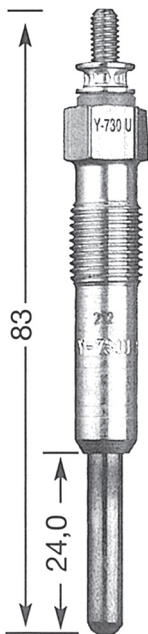
Y-723 R
M 10 x 1.25
12 Hex
11 V



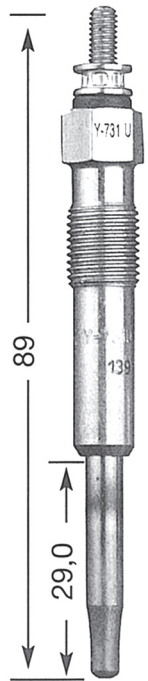
Y-723 U
M 10 x 1.25
12 Hex
8 V



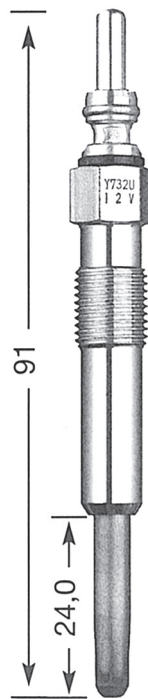
Y-729 U
M 10 x 1
10 Hex
11,5 V



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



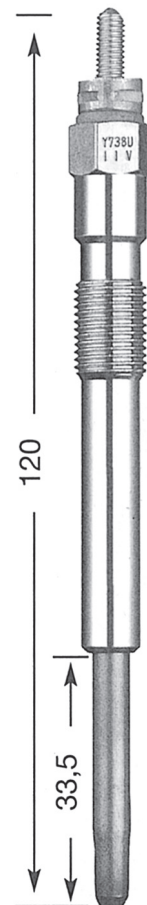
Y-731 U
M 10 x 1.25
12 Hex
11 V



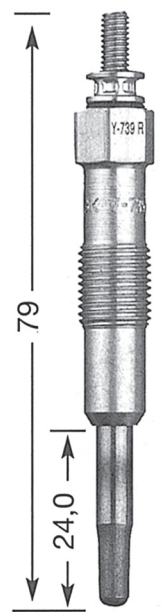
Y-732 U
M 10 x 1.25
12 Hex
8 V



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



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

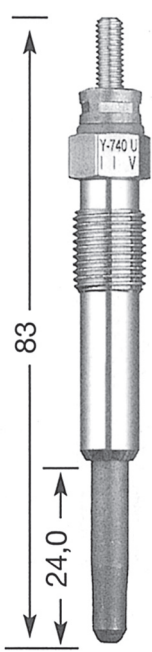


Y-739 R
M 10 x 1
10 Hex
11 V

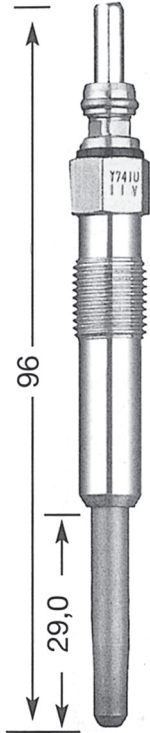


SERIES OF GLOW PLUG

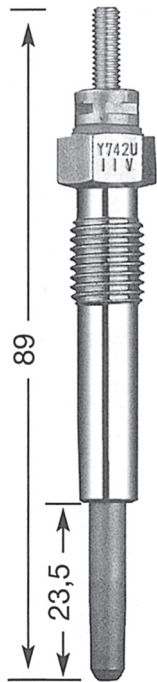
(ACTUAL SIZE)



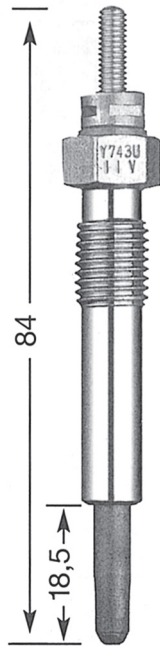
Y-740 U
M 10 x 1
10 Hex
11 V



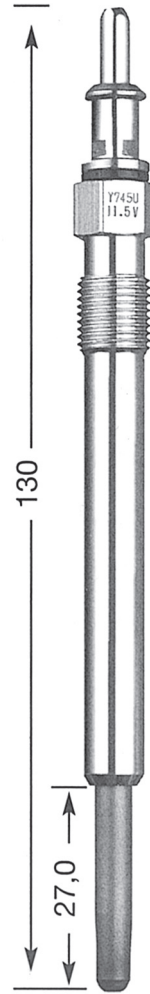
Y-741 U
M 10 x 1
10 Hex
11 V



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



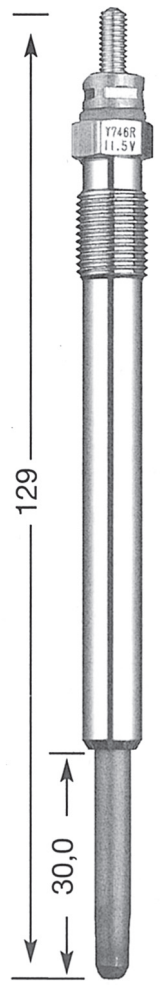
Y-743 U
M 10 x 1.25
12 Hex
11 V



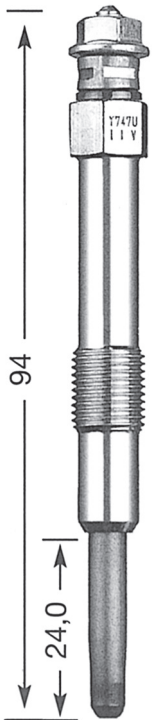
Y-745 U
M 10 x 1
10 Hex
11,5 V



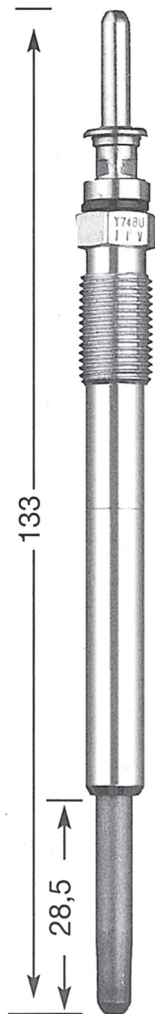
Y-746 J
M 10 x 1
10 Hex
11,5 V



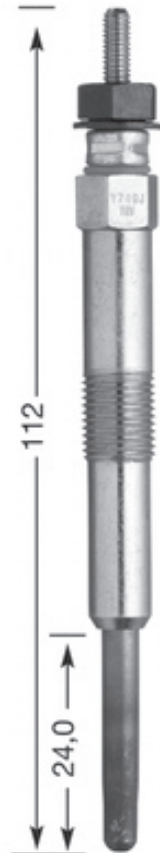
Y-746 R
M 10 x 1
10 Hex
11,5 V



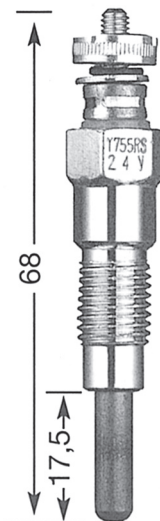
Y-747 U
M 10 x 1
10 Hex
11 V



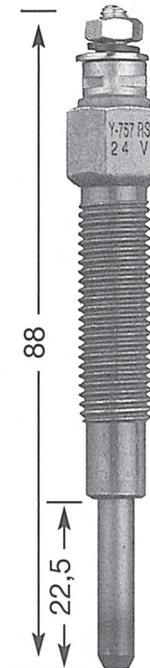
Y-748 U
M 10 x 1
10 Hex
11 V



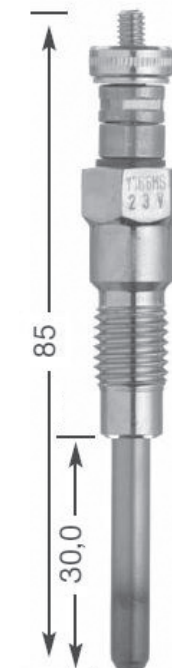
Y-749 J
M 10 x 1
10 Hex
11 V



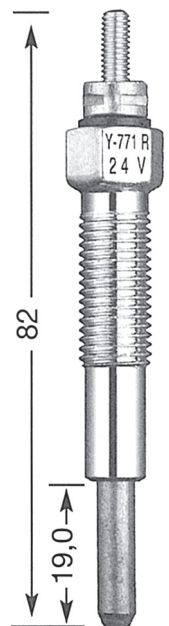
Y-755 RS
M 10 x 1.25
12 Hex
24 V



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



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

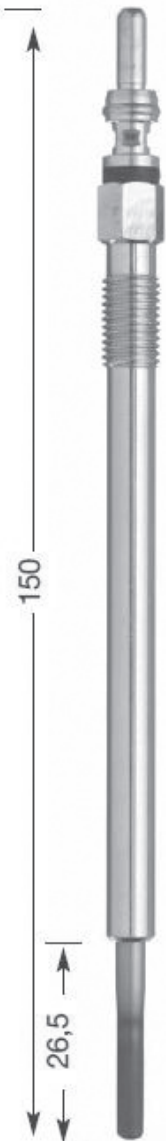


Y-771 R
M 10 x 1.25
12 Hex
24 V



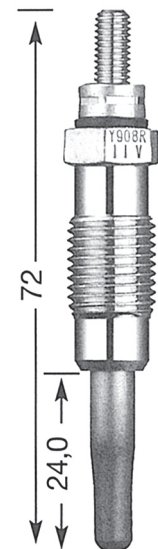
SERIES OF GLOW PLUG

(ACTUAL SIZE)



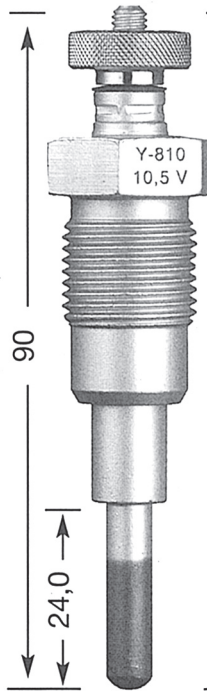
Y-8002 AS

M 8 x 1
8 Hex
4,4 V



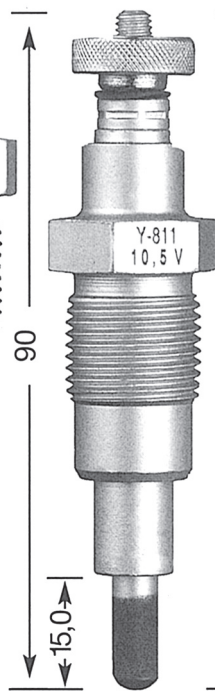
Y-908 R

M 12 x 1.25
12 Hex
11 V



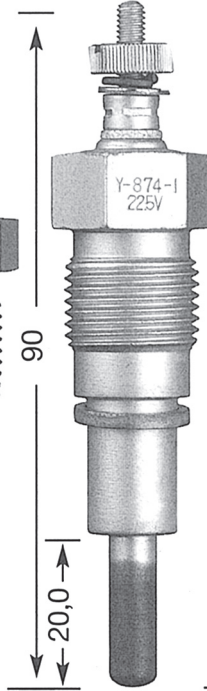
Y-810

M 18 x 1.5
20.6 Hex
10,5 V



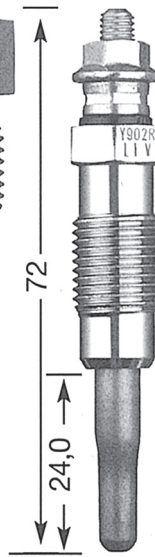
Y-811

M 18 x 1.5
20.6 Hex
10,5 V



Y-874-1

M 18 x 1.5
19 Hex
22,5 V



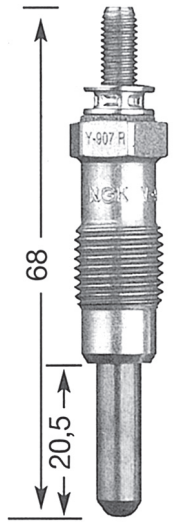
Y-902 R

M 12 x 1.25
12 Hex
11 V



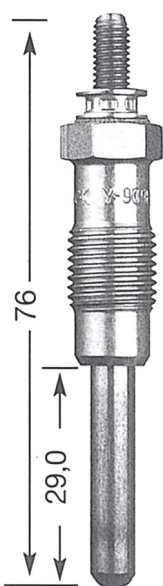
Y-904 M1

M 12 x 1.25
12 Hex
11 V



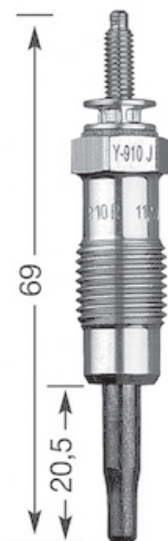
Y-907 R

M 12 x 1.25
12 Hex
11,5 V



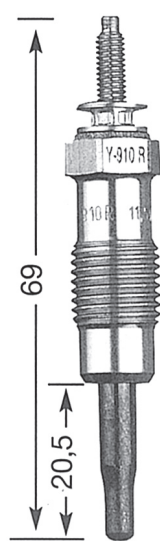
Y-909 R

M 12 x 1.25
12 Hex
11 V



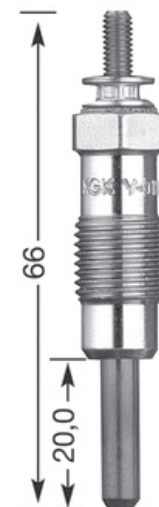
Y-910 J

M 12 x 1.25
12 Hex
11,5 V



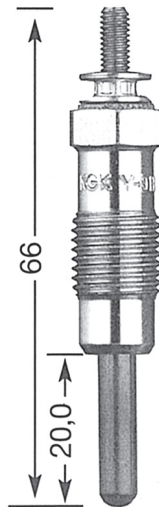
Y-910 R

M 12 x 1.25
12 Hex
11,5 V



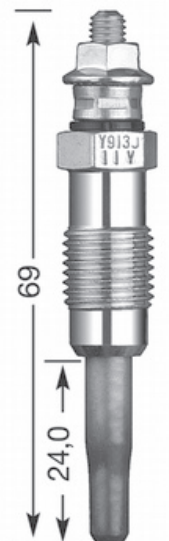
Y-911 J

M 12 x 1.25
12 Hex
11 V



Y-911 R

M 12 x 1.25
12 Hex
11 V



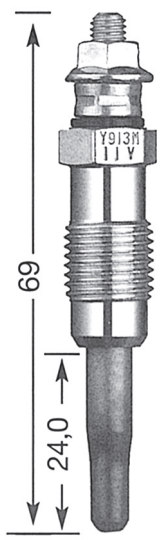
Y-913 J

M 12 x 1.25
12 Hex
11 V

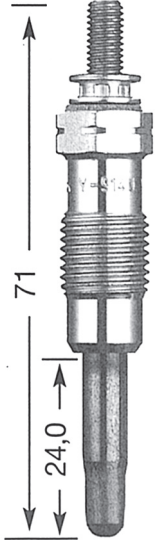


SERIES OF GLOW PLUG

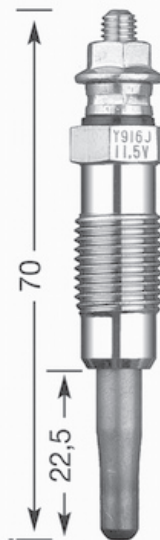
(ACTUAL SIZE)



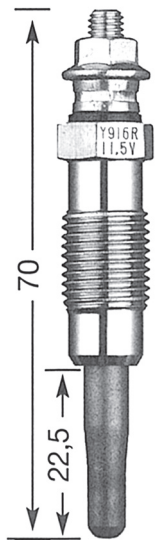
Y-913 M
M 12 x 1.25
12 Hex
11 V



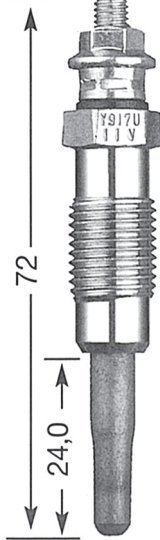
Y-914 U
M 12 x 1.25
12 Hex
11 V



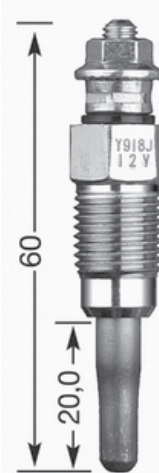
Y-916 J
M 12 x 1.25
12 Hex
11,5 V



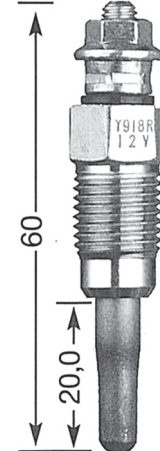
Y-916 R
M 12 x 1.25
12 Hex
11,5 V



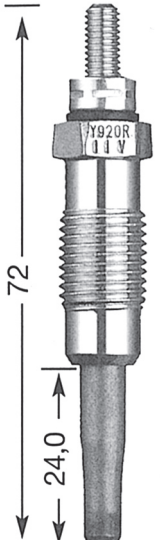
Y-917 U
M 12 x 1.25
12 Hex
11 V



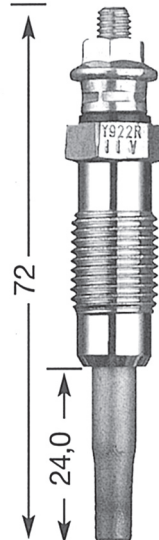
Y-918 J
M 12 x 1.25
12 Hex
11 V



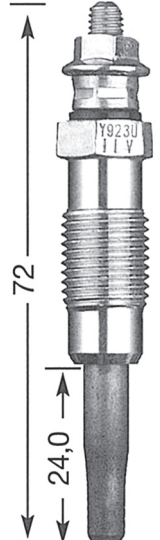
Y-918 R
M 12 x 1.25
12 Hex
11 V



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



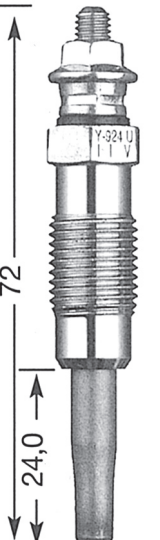
Y-922 R
M 12 x 1.25
12 Hex
11 V



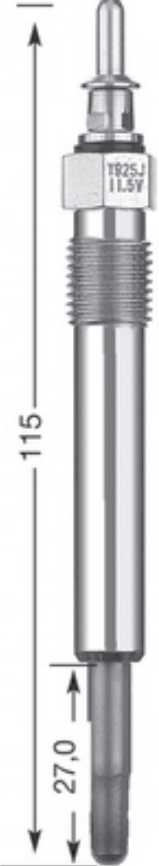
Y-923 U
M 12 x 1.25
12 Hex
11 V



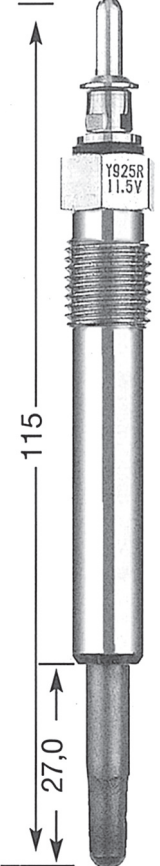
Y-924 J
M 12 x 1.25
12 Hex
11 V



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

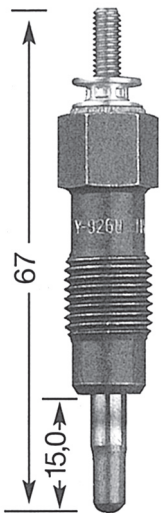


Y-925 R
M 12 x 1.25
12 Hex
11,5 V

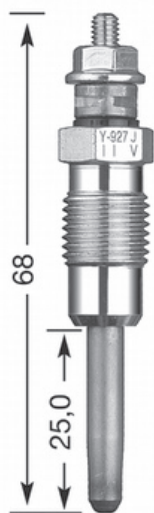


SERIES OF GLOW PLUG

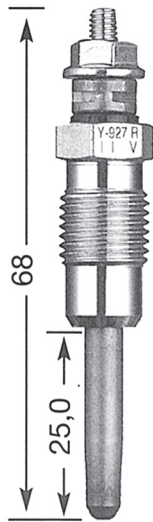
(ACTUAL SIZE)



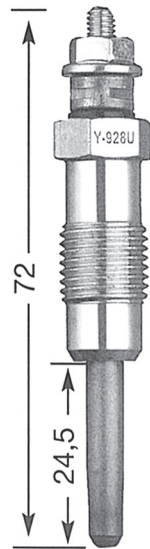
Y-926 U
M 12 x 1.25
12 Hex
11 V



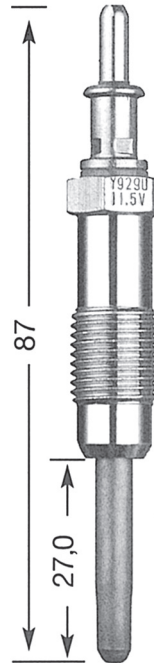
Y-927 J
M 12 x 1.25
12 Hex
11 V



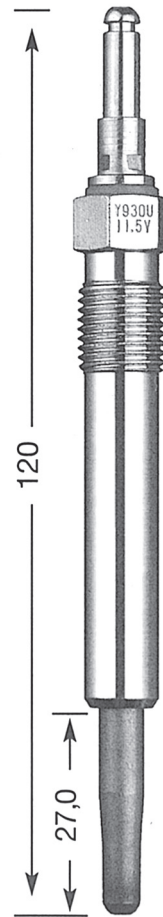
Y-927 R
M 12 x 1.25
12 Hex
11 V



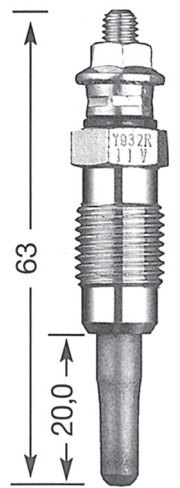
Y-928 U
M 12 x 1.25
12 Hex
11 V



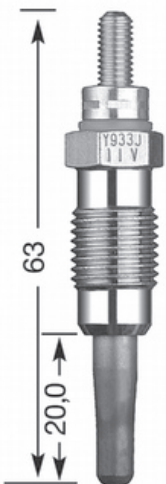
Y-929 U
M 12 x 1.25
12 Hex
11,5 V



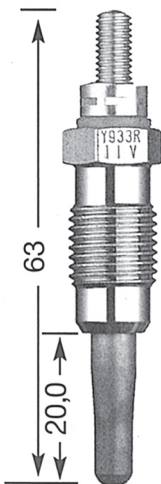
Y-930 U
M 12 x 1.25
12 Hex
11,5 V



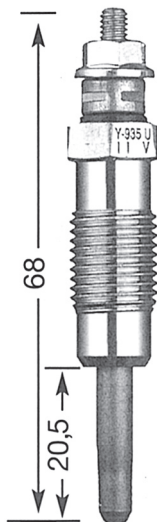
Y-932 R
M 12 x 1.25
12 Hex
11 V



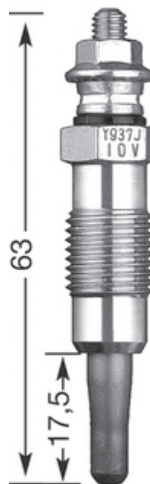
Y-933 J
M 12 x 1.25
12 Hex
11 V



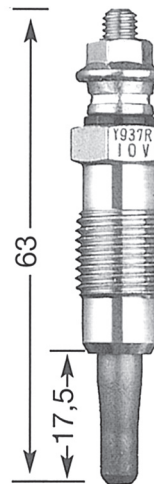
Y-933 R
M 12 x 1.25
12 Hex
11 V



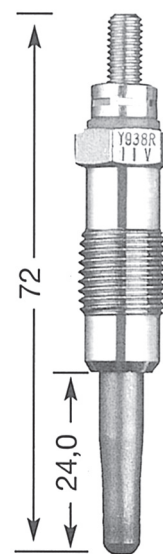
Y-935 U
M 12 x 1.25
12 Hex
11 V



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

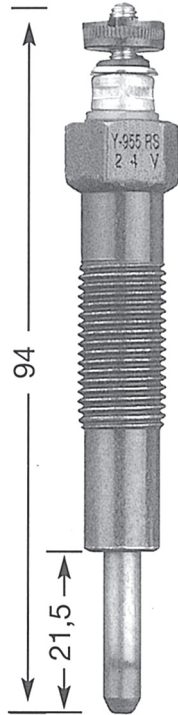


SERIES OF GLOW PLUG

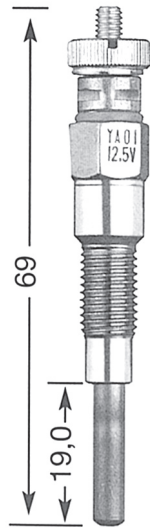
(ACTUAL SIZE)



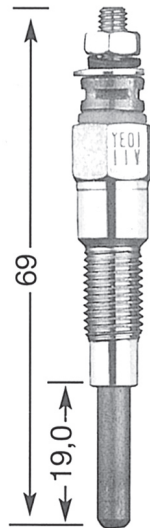
Y-954 M1
M 12 X 1.25
12 Hex
23 V



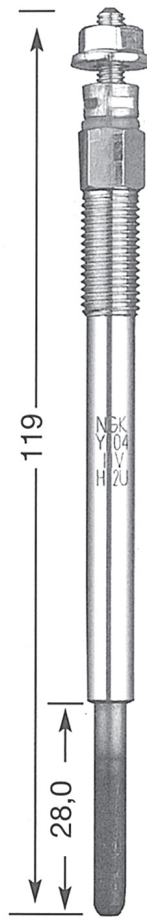
Y-955 RS
M 12 X 1.25
14 Hex
24 V



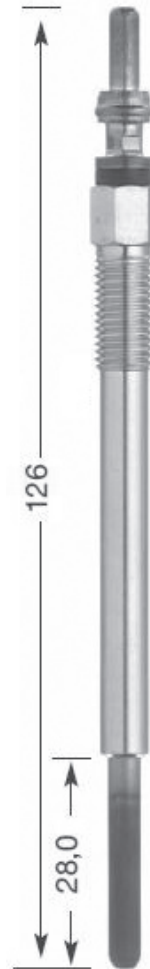
YA 01
M 8 x 1
10 Hex
12,5 V



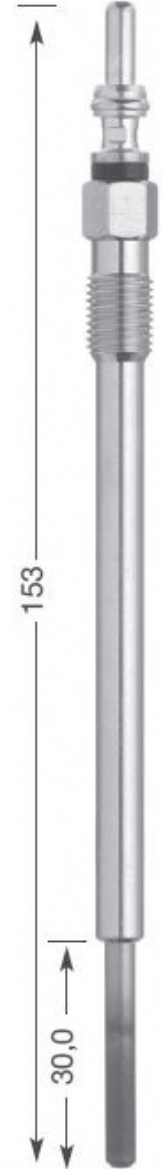
YE 01
M 8 x 1
10 Hex
11 V



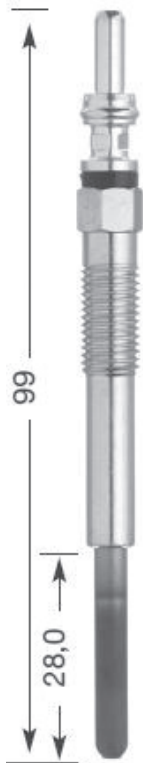
YE 04
M 8 x 1
8 Hex
11 V



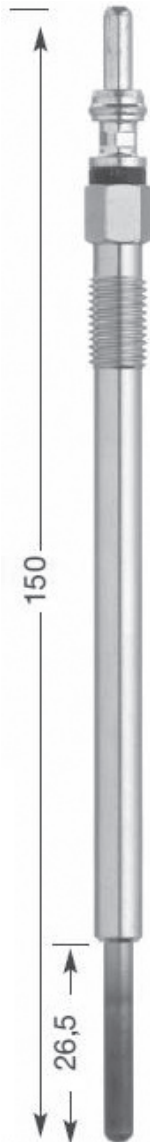
YE 06
M 8 x 1
8 Hex
11 V



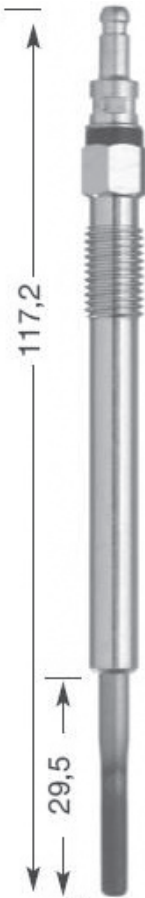
YE 07
M 9 x 1
9 Hex
11 V



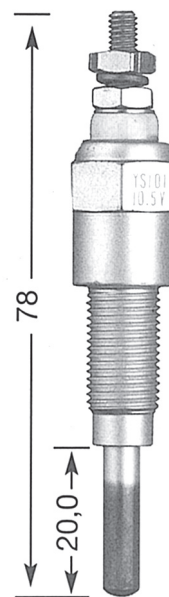
YE 08
M 8 X 1
8 Hex
11 V



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



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

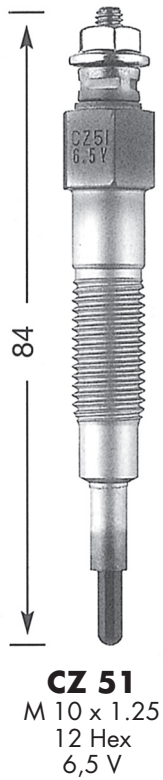
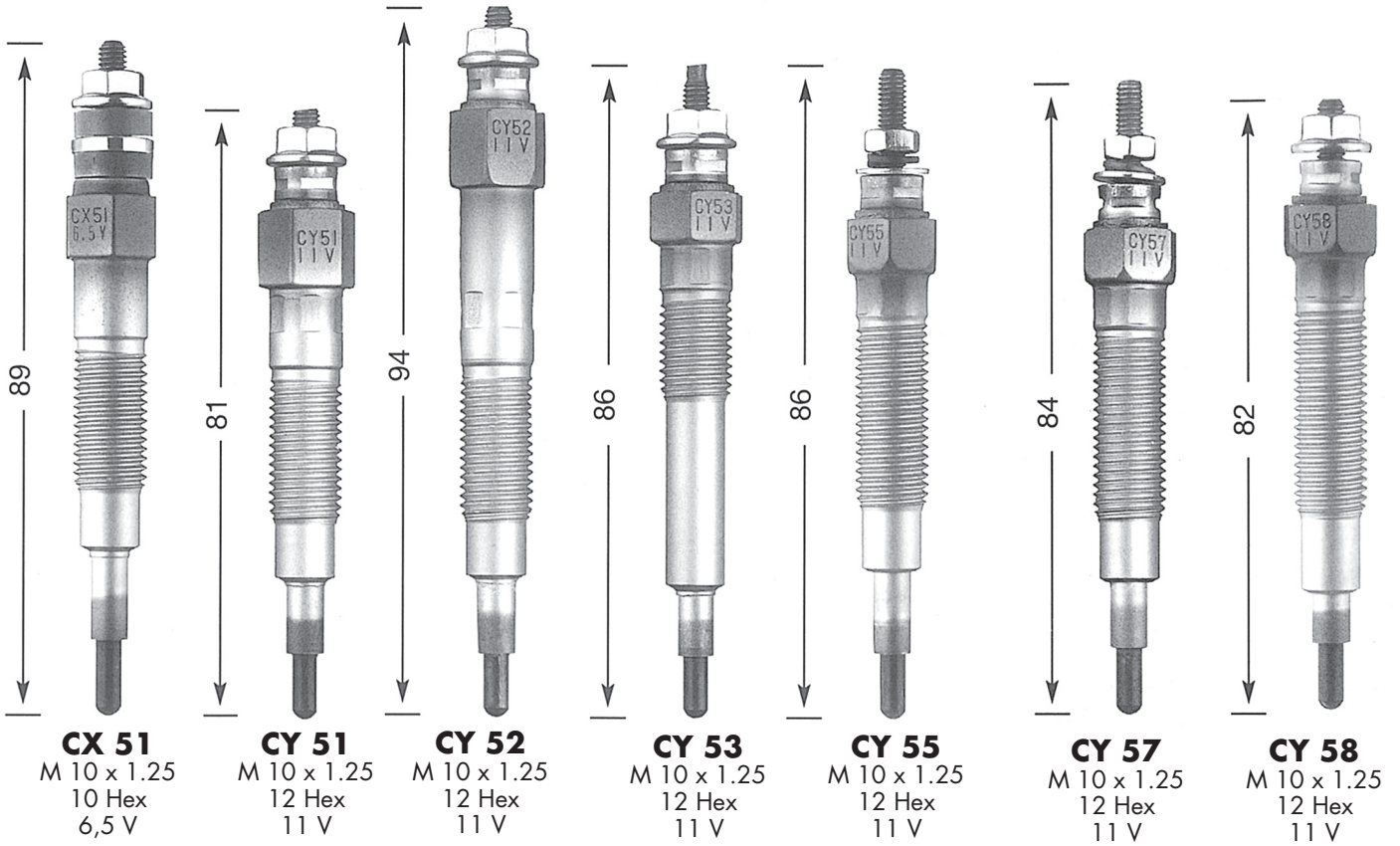


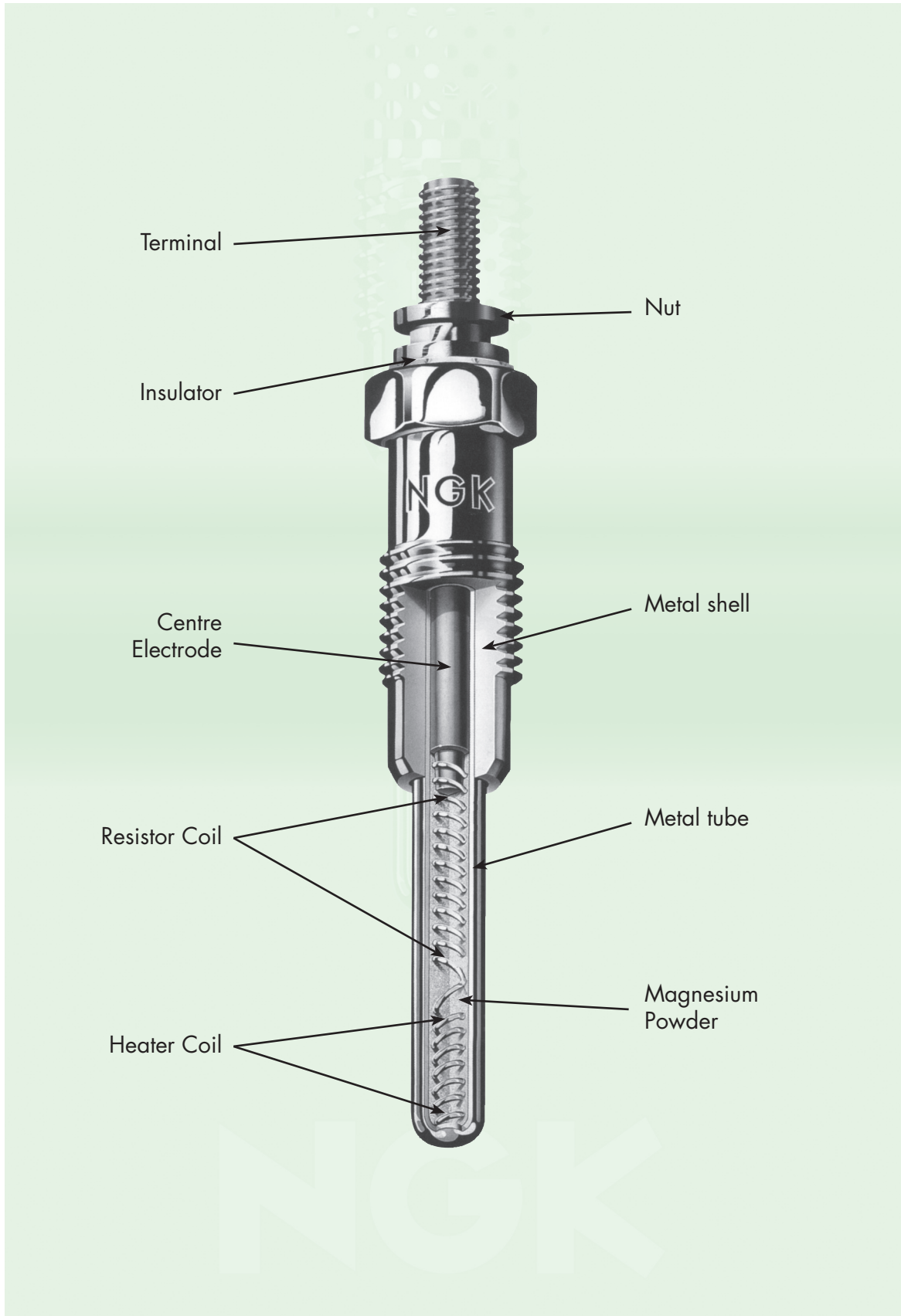
YS 101
M 10 X 1
14 Hex
10,5 V



SERIES OF GLOW PLUG

(ACTUAL SIZE)





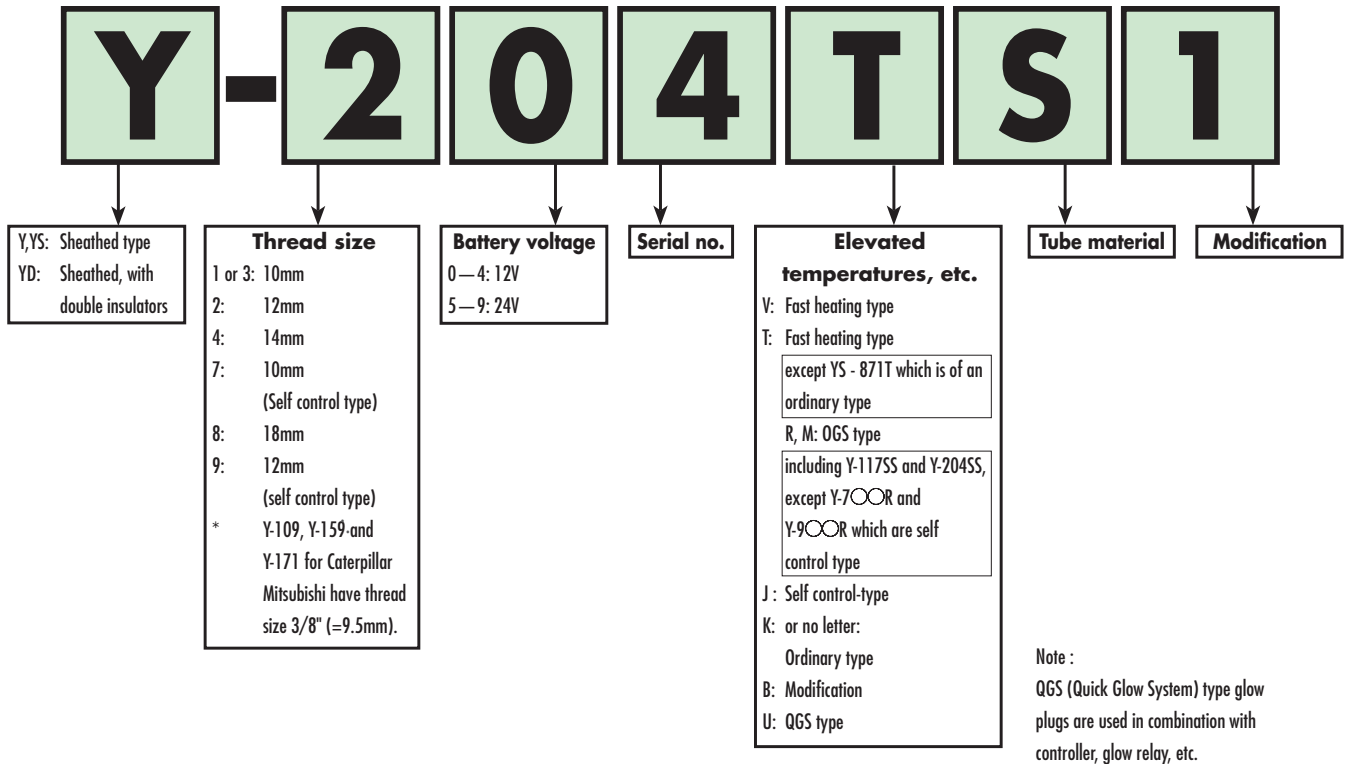


DESIGN SYMBOLS USED IN NGK GLOW PLUGS

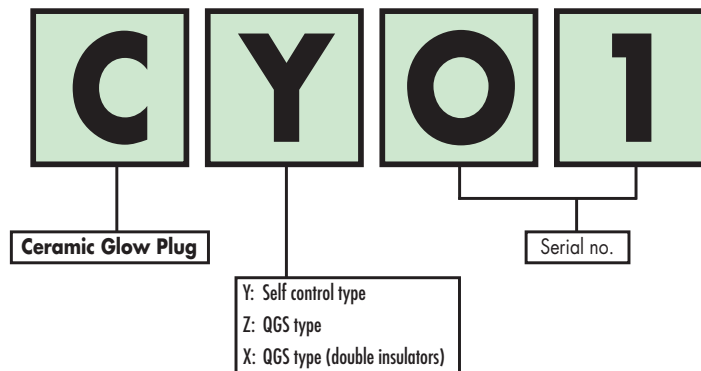


Glow plugs are available in many types for different engine models.

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



[CERAMIC GLOW PLUG]



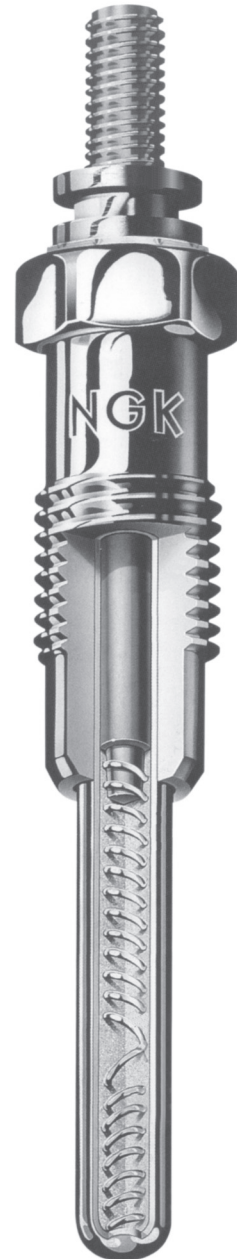


IN CASE OF POOR STARTING, CHECK THE FOLLOWING:

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.





GLOW PLUG FAULT FINDING



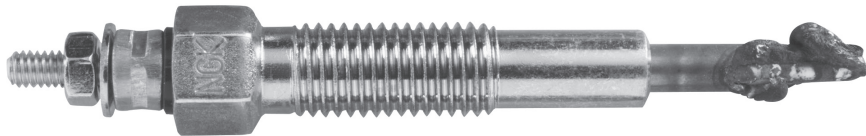
CAUSES

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
- **EXCESSIVE VOLTAGE**
 - a) Incorrect glow plug has been fitted
 - b) Faulty controller relay or glow plugs switched on too long

- a) Check for injection timing and flow rate
- b) Check valve guides and piston rings
- a) Confirm glow plug part number is correct
- b) Check controller relay operation



Heating Coil Broken

- Excessive Voltage

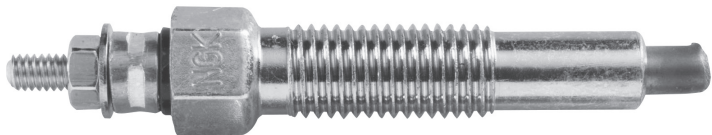
- Ensure correct voltage
- Ensure manufactures recommendations / specifications are adhered to



Heater Tube Broken

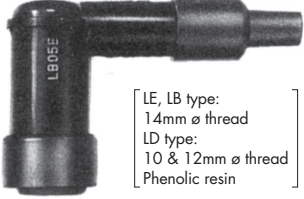
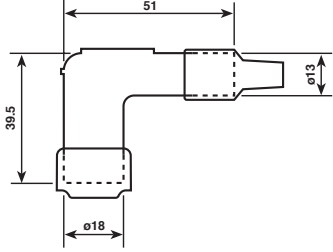
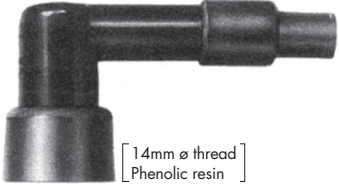
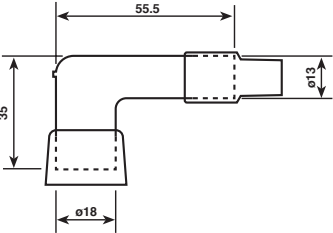
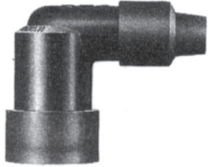
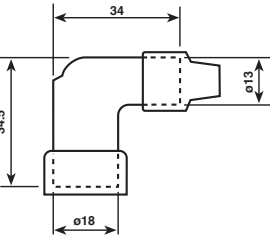
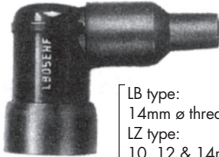
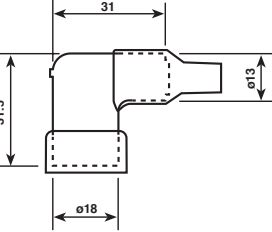
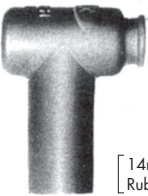
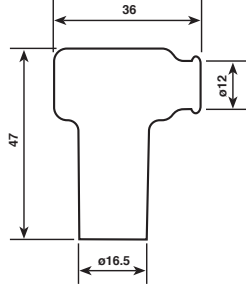
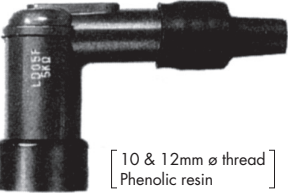
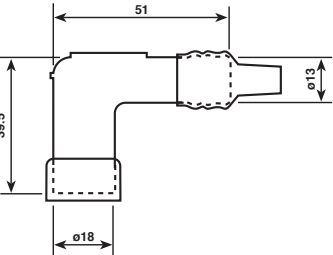
- Excessive turbulence or overheating due to incorrect fuel injection timing or volume flow rate

- Check fuel injection timing and volume flow rate



WARNING
DO NOT CONNECT BATTERY DIRECTLY TO GLOW PLUG FOR TESTING PURPOSES

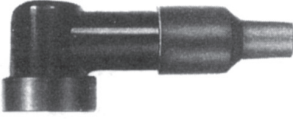
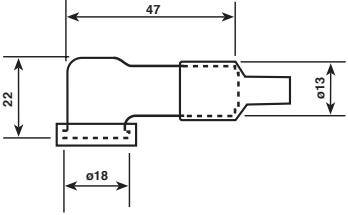

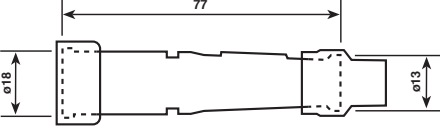

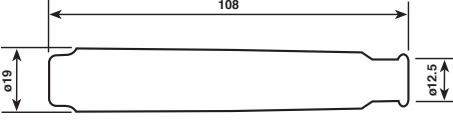

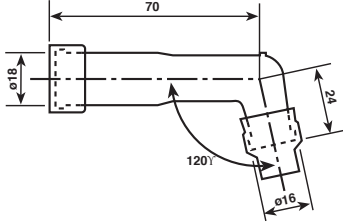

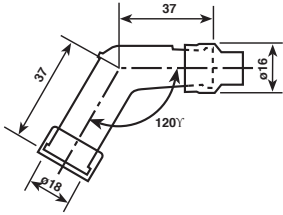
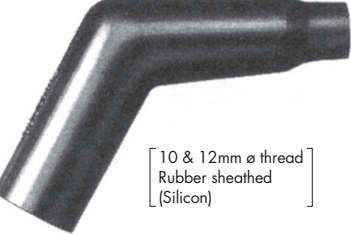
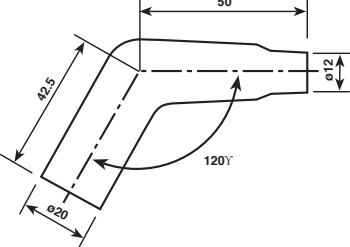

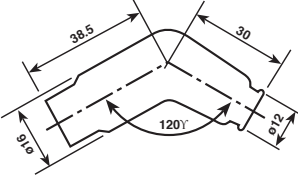


Configuration (application plug thread dia, body material) Unit: mm	Type No.	(KΩ)
 <p>LE, LB type: 14mm ø thread LD type: 10 & 12mm ø thread Phenolic resin</p> <p><Excluding LBOEZ type></p>  <p>51 39.5 ø13 ø18</p>	LBE LBEPK LBOE LBOEP LBOEZ LBOEPK	No resistor No resistor 1,5,10 1,5,10 1,5,10 1,5,10
 <p>14mm ø thread Phenolic resin</p> <p><Excluding LBOEZ></p>  <p>55.5 35 ø13 ø18</p>	LBF LBOF LBOFP LZO	No resistor 1,5,10 1,5,10 1,5,10
  <p>34 34.5 ø13 ø18</p>	LZEH LZFH	No resistor
 <p>LB type: 14mm ø thread LZ type: 10, 12 & 14mm ø thread Phenolic resin</p>  <p>31 31.5 ø13 ø18</p>	LEH LBOEH LBOEHF LBOEHFK LDFH	No resistor 1,5,10 1,5,10 1,5,10 No resistor
 <p>14mm ø thread Rubber sheathed</p>  <p>36 47 ø12 ø16.5</p>	LBOEMH	5
 <p>10 & 12mm ø thread Phenolic resin</p>  <p>51 39.5 ø13 ø18</p>	LDF LDOF	No resistor 1,5,10


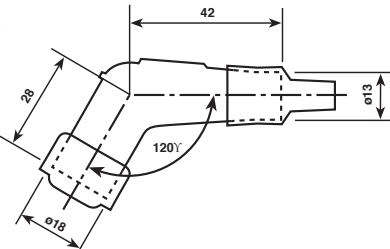
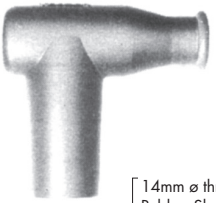
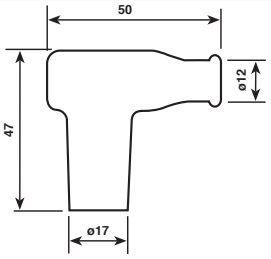
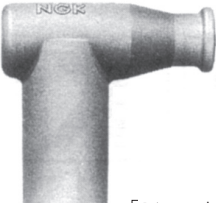
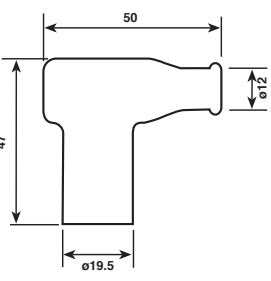

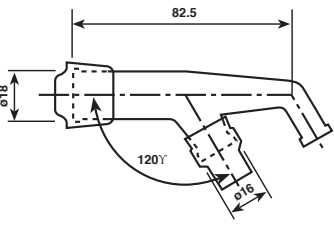
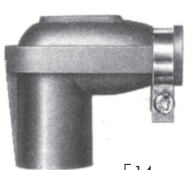
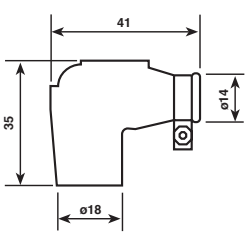

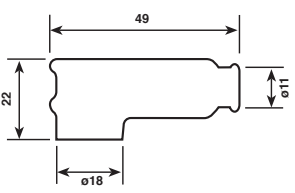


NGK SPARK PLUG RESISTOR COVER



Configuration (application plug thread dia, body material) Unit: mm	Type No.	
 <p>[10mm ϕ CM-6 only] Phenolic resin</p> 	LC\circEFK	1,5,10
 <p>SB type: 14mm ϕ thread SD type: 10 & 12mm ϕ thread SZ type: 10, 12mm & 14mm ϕ thread Phenolic resin</p> 	SBO\circE SBO\circF SBO\circFP SDO\circF SDO\circFP SZO\circF	1,5,10 1,5,10 1,5,10 1,5,10 1,5,10 1,5,10
 <p>[10 & 12mm ϕ thread] Rubber sheathed</p> 	SDO\circFM	5
 <p>XB type: 14mm ϕ thread XD type: 10 & 12mm ϕ thread XZ type: 10, 12mm & 14mm ϕ thread Phenolic resin</p> 	XBO\circF XBO\circFP XDO\circF XDO\circFP XZO\circF	1,5,10 1,5,10 1,5,10 1,5,10 1,5,10
 <p>VB type: 14mm ϕ thread VD type: 10, 12mm ϕ thread Phenolic resin</p> 	VBO\circE VBF VBO\circF VBO\circFP VDO\circF VDO\circFP	1,5,10 No resistor 1,5,10 1,5,10 1,5,10 1,5,10
 <p>[10 & 12mm ϕ thread] Rubber sheathed (Silicon)</p> 	VDO\circFML	5
 <p>[10 & 12mm ϕ thread] Rubber Sheathed</p> 	VDO\circFMH	5


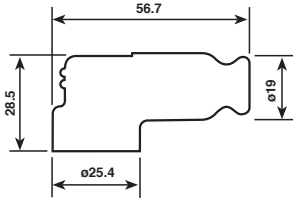


Configuration (application plug thread dia, body material) Unit: mm	Type No.	
 <p> YB type: 14mm \varnothing thread YD type: 10 & 12mm \varnothing thread Phenolic resin </p> 	YB\varnothingF YB\varnothingFP YD\varnothingF	1,5,10 5 1,5
 <p> 14mm \varnothing thread Rubber Sheathed (Silicon) </p> 	TB\varnothingEM	5,10
 <p> 14mm \varnothing thread Rubber sheathed </p> 	TB\varnothingEMA	5
 <p> 14mm \varnothing thread Polyester Resin </p> 	VB\varnothingEYK	5
 <p> 14mm \varnothing thread Rubber Sheathed (Silicon) </p> 	LBER	No resistor
 <p> 14mm \varnothing thread Rubber Sheathed (Silicon) For racing spark plug R6120\varnothing only </p> 	TRS1225	5

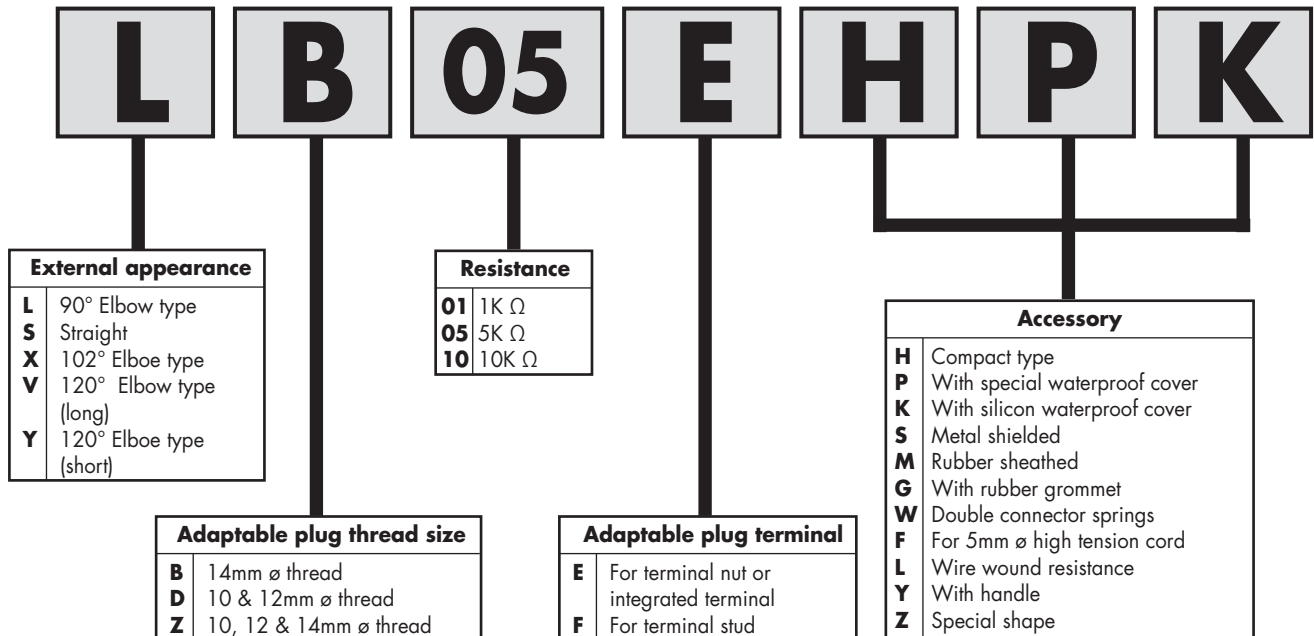


NGK SPARK PLUG RESISTOR COVER



Configuration (application plug thread dia, body material) Unit: mm	Type No.	 (K Ω)
<div style="display: flex; align-items: center;"> <div style="border: 1px solid black; padding: 5px; margin-right: 20px;"> 14mm ϕ thread Rubber Sheathed (Silicon) For racing spark plug R5300Aϕ, R5300Nϕ only </div> <div style="text-align: center;">  </div> </div>	TRS1408F	5

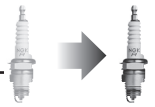
SYMBOL EXPLANATION





SPARK PLUG CONVERSION CHART

AC to NGK



AC	NGK
40TS	BP7FS
41-100	IZTR4A-11
41-101	ITR4A-15
41-103	ILTR5B-11
41-105	ILTR5C-11
41-107	ILTR6B-11
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
41-910	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
41-983	PZTR5A-15
41-985	ITR6F-13
41-987	PTR5C-13



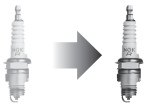
AC	NGK
41-988	LTR6AP-11
41-993	PTR4G-15
412XLS	BP7ES
414XLS	BP6ES
41TS	BP6FS
41XL	B9ES
41XLS	BP7ES
422Z	B5HS
426FS	BP6HS
42FS	BP6HS
42TS	BP6FS
42XLS	BP6ES
436XLS	BP9ES
438XLS	BP8ES
43FFS	BP6HS
43FS	BP6HS
43TS	BP6FS
43XLS	BP6ES
440T	B7FS
440XLS	BP8ES
44F	B5HS
44FF	B5HS
44FFS	BP5HS
44NS	BP5ES
44TS	BP5FS
44XLO	BP5ES
44XLS	BP5ES
45F	B5HS
45FF	B5HS
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
B4031	B-4
B43	B6S



AC	NGK
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
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



AC	NGK
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
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



SPARK PLUG CONVERSION CHART

AC to NGK

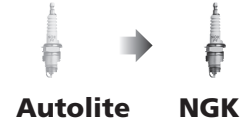
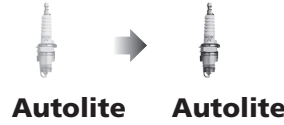
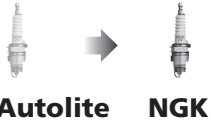
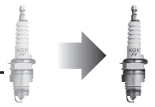


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MR42LTS	BPR6EFS	R43N	BR7ES	R45XLS	BPR5ES	S44	B6S
MR43LTS	BPR5EFS	R43NTSE	TR5-11X	R46	BR6S	S44F	B5HS
MR43T	BR6FS	R43S	BP6S	R46LTS	BPR5EFS	S44XL	B6ES
MR44C	BR6S	R43T	BR6FS	R46N	BR5ES	S45F	B5HS
MR44T	BR5FS	R43TS	BPR6FS	R46S	BP-4	S46	B-4
R415TS	BPR6FS	R43TS	BPR6FS	R46SZ	XR45IX	S81F	A-8
R41CF	BR7HS	R43TSK	BPR6FS	R46T	BR5FS	S82F	A-8
R41CXL	BR9ES	R43TSX	BPR6FS	R46TS	BPR4FS	S83F	A-7
R41CXLS	BPR7ES	R43TX	BR6FS-15	R46TSX	BPR4FS	S85F	A-6
R41TS	BPR6FS	R43XL	BR7ES	R46TX	BR5FS-15	SB41	B7S
R425LTS	BPR6EFS	R43XLS	BPR6ES	R46XL	BR5ES	SV4XL	BUE
R425TS	BPR6FS	R44	BR6S	R46XLS	BPR4ES	V40	B9S
R426FS	BPR6HS	R44CF	BR5HS	R47S	BP-4	V40FFK	BUHW-2
R42CF	BR6HS	R44CNTSE	TR5-11X	R83CT	AR6FS	V40FFM	BUHW
R42CFS	BPR6HS	R44CXL	BR6ES	R83CTS	APR6FS	V40FFS	BUH
R42CLTS	BPR6EFS	R44CXLS	BPR5ES	R83TS	APR6FS	VB40FFM	BUHXW-1
R42CT	BR6FS	R44F	BR5HS	R84TS	APR5FS	VR40FFK	BUZHW-2
R42CTS	BPR6FS	R44LTS	BPR5EFS	R85TS	APR5FS	VR40FFM	BUZHW
R42CXL	BR8ES	R44LTS6	BPR5EFS	S102F	C7HSA		
R42CXLS	BPR6ES	R44LTS6K	BPR5EFS-13	S104F	C6HSA		
R42FS	BPR6HS	R44LTSM	TR4IX	S121F	D8HA		
R42LTS	BPR6EFS	R44LTSM6	TR4IX	S121XL	D8EA		
R42LTSM	BPR5EFS-13	R44N	BR6ES	S122F	D8HA		
R42S	BP6S	R44NS	BPR5ES	S123XL	D7EA		
R42T	BR6FS	R44NTSE	TR5-11X	S124FS	D6HA		
R42TS	BPR6FS	R44S	BP5S	S404XLG	B10EG		
R42TSM	BPR6FS	R44T	BR5FS	S408XLG	B9EG		
R42TX	BR6FS-15	R44TS	BPR5FS	S40F	B9HS		
R42XL	BR8ES	R44TSX	BPR5FS-15	S40FR	BR9HS		
R42XLS	BPR6ES	R44TX	BR5FS-15	S40XL	B10ES		
R42XLSM	ZGR5C	R44XL	BR6ES	S40XLG	B9ECS		
R43	BR6S	R44XLS	BPR5ES	S40XLR	BR8ES		
R43C	BR6S	R44XLS6	BPR4ES-13	S41F	B8HS		
R43CFS	BPR6HS	R44XLSE	ZGR5C	S41FG	B7HCS		
R43CNTSE	TR5-11X	R44XLSM	ZGR5C	S41FR	BR8HS		
R43CS	BP6S	R45LTS6	BPR5EFS-13	S41XL	B9ES		
R43CT	BR6FS	R45LTS6K	BPR5EFS-13	S41XLG	B8ECS		
R43CTS	BPR6FS	R45NS	BPR5ES	S41XLR	BR9ES		
R43CTS6	BPR6FS	R45NSX	BPR5ES-13	S42	B7S		
R43CXL	BR7ES	R45NTSE	TR5-11X	S42F	B7HS		
R43CXLS	BPR6ES	R45S	BP5S	S42FR	BR7HS		
R43FS	BPR6HS	R45T	BR5FS	S42XL	B8ES		
R43LTS	BPR6EFS	R45TS	BPR4FS	S42XLR	BR8ES		
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SPARK PLUG CONVERSION CHART

Autolite to **NGK**

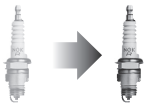


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103	BPR6EFS
104	BPR6EFS
105	BPR5EFS
106	BPR5EFS
112	A9FS
113	A7FS
115	A6FS
117	A6FS
12	BP7FS
124	AR6FS
13	BP6FS
135	B7FS
14	BP6FS
146	BR5FS
147	BR5FS
15	BP5FS
156	AP5FS
16	BP4FS
166	APR5FS
203	BPR6FS
23	BPR6FS
24	BPR6FS
2413	TR5-1
2417	B7ECS
25	BPR5FS
2543	TR5-1
2544	TR5-1
2545	TR5-1
2546	TR5-1
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
3136	A6

Autolite	NGK
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
3924	BKR6E

Autolite	Autolite
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
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
56	BP5ES
584	AR6FS

Autolite	NGK
603	BPR6EFS-13
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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
0001325701	BP5ES
0001325704	BP5ESZ
0001325705	BCP5ES
0001325710	BP5ET
0001330104	BUR5ET
0001330112	BUR5ET-10
0001330113	BUR5ET
0001330116	BKUR5ET-10
0001330119	BKUR5ET
0001330501	BKR6EK
0001330702	BP5ES
0001330707	BCP5ES
0001330709	BP5ET-10
0001330713	BP5ESZ
0001330717	ZFR5F
0001330718	ZGR5A
0001330725	BCP5ES
0001330726	BP5ESZ
0001330731	BCP5ES
0001330780	BKR6EZB
0001330904	IFR5D-10
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0001335108	BUR6ET
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0001335709	BP6ET
0001335714	BP6ESZ
0001335721	BCP6ES
0001335725	BCP6ES
0001335729	BKR6ES
0001335732	BKR6EK
0001335737	BP6ESZ
0001335742	ZFR5P-G
0001335905	IFR6D-10
0001335910	IFR6D-10
0001335911	PZFR5D-11
0001335914	PFR6Q
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0001340704	BP6ET
0001340706	BCP6ET
0001340707	BP6ESZ
0001340716	BCP6ES
0001340717	BCP6ET
0001340723	BKR6ES
0001340806	BKR6ES

Beru	NGK
0001340903	BP6ES
0001340908	PFR7Q
0001345702	BP7ES
0001345704	BP6ET
0001345711	BP7ES
0001345720	BCP7ES
0001350903	BP7ES
0001430700	BP5HS
00014307001	B5HS
0001435700	BP6HS
0001440700	BP6HS
0001445700	BP7HS
0001625700	BP5EFS
0001625702	BP5EFS
0001630700	BP5EFS
0001630704	BP5EFS
0001635700	BP6EFS
0001635709	BP6EFS
0001640700	BP6EFS
0001640704	BP6EFS
0001640705	BP6EFS
0001645700	BP7EFS
0001645703	BP7EFS
0001735700	AP6FS
0001740700	AP6FS
0002235901	PLZKBR7A-G
0002325700	BPR5ES
0002330204	BKR5EYA-11
0002330701	BPR5ES
0002330702	BPR5ES-11
0002330703	BKR5ES
0002330704	BKR5ES-11
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0002330712	BCRE527Y
0002330713	BKR5EY
0002330714	BKR5EYA
0002335100	BCPR7ET
0002335500	BKR6EK
0002335701	BPR6ES
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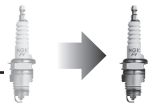
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0002340702	BKR6ES
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0002340704	BKR6ES-11
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12ZR7SP03	PLZKBR7A-G
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145DTU	BP6ET
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146DTU	BP6ET
146DU	BP6ES
146DUO	BP6ESZ
147BU	BP6HS
147DTU	BP6ET
147DU	BP6ES
147DUO	BP6ESZ
148AU	B5HS

Beru	NGK
148BU	BP5HS
148DTU	BP5ET-10
148DU	BP5ES
148DUO	BP5ESZ
148LUR	ZGR5A
149DTU	BP5ET
149DU	BP5ES
149DUO	BP5ESZ
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14F6DPUR021	PFR7Q
14F6DSR	BKR6ES
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14F8DU	BCP5ES
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14F8DUO	BCP5ES
14F8DUR	BKR6EZB
14F8LDUSR	BKR6EK
14F8LUR	ZFR5F
14F9DUO	BCP5ES
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14FGH7DTURX	BKUR6ET-10
14FGH8DPURX2	IFR5D-10
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14FGH8DTURXO	BKUR5ET-10
14FGR6DDU	BKR6EKUB
14FGR7CTU	BCPR7ET
14FLR8LDUX	BKR5EK
14FR5DTU	BCPR7ET
14FR5DU	BCPR7ES
14FR6DU	BKR6ES
14FR6DUX	BKR6ES-11
14FR6LDU	BKR6EK
14FR6LDU3	BKR6EKE
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SPARK PLUG CONVERSION CHART

Beru to NGK



Beru

NGK



Beru

NGK



Beru

NGK



Beru

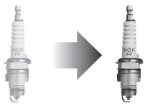
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14KR7DUX	BPR6EFS-13
14KR8DPUOV	TR55
14KR8MPX	PTR5A-13
14KR8MUV	PTR5A-13
14KR8STUX	LTR6B-10T
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14R6BU	BPR6HS

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	PPR6B-11
D15Y	BCP6ES
RS16	BPR6HIX
RS33	BPR5EIX
RS35	BPR6EIX
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Z105	BKR6E
Z107	BP4
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Z112	B4
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Z5	BCP5ES
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Z52	BCP6ET
Z53	BCP6ET
Z54	BCP6ES
Z55	BP6EFS
Z56	BP6EFS









Z57	B6HS
Z58	B6ES
Z59	BR6ES
Z6	BP5EFS
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Z7	BP5EFS
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Z84	BR4LM
Z85	B6HS
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SPARK PLUG CONVERSION CHART

Bosch to **NGK**

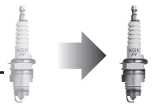


							
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0241235730	ZFR5P-G	F6DTC	BCP6ET	FGR7DQP	BKR6EQUP	FR6KDC	BKR6EZ
0242129503	LZKAR7A	F6KPP332S	PFR6Q	FGR7KQC	BKR6EQUP	FR6KDC+	BKR6EZ
0242229699	ZFR5F	F6LTCR	BKUR7ET	FGR7KQE	BKR6EQUP	FR6KDEO	BKR6EKE
0242235642	BKR6EKUB	F6MPP332	ILFR6A	FGR7KQEO	BKR6EQUP	FR6KPP332S	PFR6Q
0242235743	PLFR6A-11	F6R7DQP	BKR6EQUP	FGR8KQE	BKR5EKUP	FR6KTC	BKUR6ET
D10B	AP5FS	F7DC	BCP6ES	FGR8KQEO	BKR5EQUPA	FR6LDC	BKR6EK
D10BC	AP5FS	F7DCO	BCP6ES	FGR8MQPE	PLFR5A-11	FR6MPP10	ILFR6AP
D6B	AP6FS	F7DCOR	BKR6ES	FL7HTCOR	BKUR5ETC-10	FR6MPP10	PLFR6A
D6BC	AP6FS	F7DCX	BCP6ES-11	FLR8DCU	BKR5EK	FR6MPP332	ILFR6A
D6BP	AP6FS	F7DER	BKR6ES	FLR8LDCU+	BKR5EK	FR78	BKR6EQUP
D7AC	A6FS	F7DPER	PFR6G-11	FLR8LDU+	BKR5EK	FR78X	BCPR6ET
D7B	AP6FS	F7DPP332	IFR6D-10	FLR8LD+U	BKR5EK	FR7DC	BCPR6ES
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D7BP	AP6FS	F7HER2	ZFR5P-G	FQR8LE2	ZFR5F	FR7DC2	BKR6E
D8B	AP5FS	F7HPP22	PFR6Q	FQR8LEU2	ZFR5F-11	FR7DC2	BKR6ES
D8BC	AP5FS	F7HPP222	PZFR5D-11	FR10DCX	BCPR4ES-11	FR7DC4	BKR6ES
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F2DTC	R6888A-9	F8DCX	BCP5ES-11	FR6DC2	BKR6ES	FR7DPP22U	PFR5N-11
F3CS	R7433-9	F8DPER	IFR5D-10	FR6DCO	BKR6EK	FR7DPP22U	PFR6N-11
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F6DSR	BKR6EVX	FGR7DQEO	BKR6EKUB	FR6DTCW	BKR5EKC	FR7KCU	BKR6EYA-11



SPARK PLUG CONVERSION CHART

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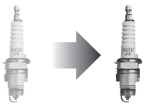
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HR8LPO	TR5-1
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HR8MEV	TR5B-13
HR8NPP302	PTR5A-13
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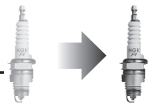


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UR3AS	CR7HS	W4A2	B8HS	W6DP	BP6ES	W8CO	B5ES
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VR7SPP33	LZKAR6AP-11	W4C3	B7HS	W7A	B6HS	W8DP	BP5ES
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VR8SC+	LZKAR7A	W4CP	B8EV	W7AO	B6HS	W8DTC	BP5ET
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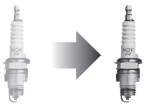
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XR4AS	DR8HS
XR4CS	DR9EA
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Brisk to **NGK** • Champion to **NGK**



Brisk	NGK
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D14Y	BCP7ES
D14YC	BCP7ES
D15YC	BCP6ES
D17Y	BCP5ES
D17YC	BCP5ES
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DR14YC	BKR7E
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DR15YC	BKR6ES
DR15Z	BKR6ES
DR15Z1	BKR6ES-11
DR17YC	BKR5ES
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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
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PR15Y	BPMR7A
PR17Y	BPMR6A

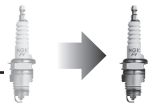
Champion	NGK
2071	FR4
860	A6FS
A10	D7EA
A57R	R2525-10
A59G	D9EV
A5YC	DP9EA-9
A6	D8EA
A61	D9EA
A61G	D9EV
A6Y	DP8EA-9
A6YC	DP8EA-9
A8	D7EA
A8Y	DP7EA-9
A8YC	DP7EA-9
BL11Y	BP5FS
BL13Y	BP5FS
BL4	B7FS
BL5	B7FS
BL6	B6FS
BL7Y	BP7FS
BL8	B6FS
BL9Y	BP6FS
BN12Y	BP5EFS
BN6Y	BP7EFS
BN89Y	BP6EFS
BN9Y	BP6EFS
C10YCC	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**

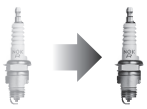


Champion	NGK
H03	B6S
H10	B-6L
H10C	B6L
H10J	B-6L
H11	B-4L
H12	B-4L
H8J	B-6L
J10Y	BP6S
J11	B-4
J11J	B-4
J11J	B-4
J11Y	BP5S
J12J	B-2
J12Y	BP5S
J12YC	BP5S
J12YC	BP5S
J13Y	BP5S
J14Y	BP5S
J14YC	BP5S
J17LM	B4-LM
J18YC	BP-4
J19LM	B2-LM
J2J	B9S
J4C	B7S
J4J	B7S
J6	B6S
J6C	B6S
J6C	B6S
J6J	B6S
J7	B6S
J7J	B6S
J8C	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	B10EGV
N57R	B10EG
N59G	B9SEGV
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	B9SEGV
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
PR29HC	CR7HSA



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Champion to **NGK**

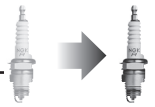


							
Champion	NGK	Champion	NGK	Champion	NGK	Champion	NGK
QC10PEP	PZFR6H	RBL13Y6	BPR5FS-15	RC8VTYC4	BKUR6ET-10	RF9YC	APR6FS
QC12PEP	PZFR6H	RBL15Y	BPR4FS	RC8YC	BKR6E	RFN14LY	ZF4A-11
QC12PEP	PZFR6H	RBL15Y4	BPR4FS-11	RC8YC4	BKR6E-11	RG4HC	CR9EB
QC12PEPB	IZFR6K-11	RBL16Y	BPR4FS	RC8YCL	BKR6EZ	RG6YC	CPR8E
QC12YC	BKR5E	RBL17Y	BPR4FS	RC9BMC	BKR5EKU	RG6YCH	CPR8E
QC59C	BCR8ES	RBL8	BR6FS	RC9MC4	ZFR5F-11	RG94C	CR8EH-9
QJ19LM	BR2LM	RBL8-6	BR6FS-15	RC9MCC4	ZFR6F-11	RGU92C	CR9EH-9
QL16V	BUZ8H	RBN12Y	BPR5EFS	RC9YC	BCPR6ES	RJ10Y	BPR6S
QL76V	BUHZW	RBN13Y	BPR5EFS	RC9YC4	BCPR6ES-11	RJ11	BR6S
QL77CC	BR8HS	RBN14Y	BPR5EFS	RC9YCC	BCPR6ES	RJ11Y	BPR5S
QL77J4	BR9HS-10	RBN9Y	BPR6EFS	RC9YCC4	BCPR6ES-11	RJ12Y	BPR5S
QL77JC4	BZ7HS-10	RC10DMC	BKR5EK	RCJ6	BMR7A	RJ12Y6	BPR5S-15
QL78V	BUZHW-2	RC10MCC	ZFR5F-11	RCJ6Y	BPMR7A	RJ12YC	BPR5S
QL78YC	BPR7HS	RC10PYP4	PFR5G-11	RCJ7Y	BPMR7A	RJ12YC6	BPR5S-15
QL7J5	BR6HS	RC10PYP4	PFR5J-11	RCJ7Y	BPMR7A	RJ14Y	BPR5S
QL81Y	BPR7HS	RC10PYPB4	PFR5G-11	RCJ8	BMR6A	RJ14YC	BPR5S
QL82YC	BPR7HS	RC10YC	BCPR6ES	RD14	AR-6	RJ18Y	BPR4S
QL86	BR6HS	RC10YC4	BKR6E-11	RD16	AR-6	RJ18Y6	BPR4S-15
QL87YC	BPR6HS	RC11PYPB4	PFR6N-11	RD16J	AR-6	RJ18YC	BPR4S
QN2	BR9ES	RC12ECC	ZFR5N	RD9	AR-6	RJ18YC6	BPR4S-15
QN2C	BR9ES	RC12LYC	FR5-11	RDJ6J	BMR7F	RJ19LM	BR2LM
QN2G	BR9EV	RC12MC4	PZFR5F-11	RDJ7J	BMR6F	RJ20Y	BPR4S
QN86	BR8EG	RC12MC5	ZFR5F-11	RE10LC	SR5	RJ6	BR6S
R10	D6EA	RC12MCC4	ZFR5F-11	RE14MCC5	LZTR4A-11	RJ6C	BR6S
R6	D8EA	RC12MCC4	ZFR5F-11	RE14MCC5	LZTR4A-11	RJ6J	BR6S
R6G	D8EV	RC12YC	BCPR5ES	RE14PLP5	LZTR5AIX-13	RJ7	BR6S
R8	D7EA	RC12YC	BKR5ES	RE16MC	LZTR4A-11	RJ8	BR6S
RA2HC	DPR9EA-9	RC12YC5	FR45	RE7PYC5	PTR5A-13	RJ8C	BR6S
RA4HC	DCPR9E	RC12YCC	BKR5E	REA8MCL	LZKAR7A	RJ8J	BR6S
RA4HCC	DCPR8E	RC12YCC4	BKR5E-11	REC10PYC4	LF5AP-11	RL12Y	BPR6HS
RA59GC	DCR9EIX	RC14PLP5	PLZTR5A-13	REC10PYC4	LF5AP-11	RL19	BR5HS
RA6Y	DPR8EA-9	RC14YC	BKR5ES	REC10YC4	LF5A-11	RL4J	BR7HS
RA6YC	DPR8EA-9	RC6YC	BCPR7ES	REC9MCLX	LF5B	RL77J	BR9HS
RA7YC	DCPR8E	RC78PYP	PFR7G-11	REC9YCL	LF5B	RL78	BR8HS
RA8HC	DCPR7E	RC7BYC4	BCPR6ET	RER8MC	LZKR6B-10E	RL78C	BR8HS
RAX92DC	JR9C	RC7Y	BCPR7ES	RER8YC	LKR6D	RL7J	BR6HS
RAX92YC	DPR9EA-9	RC7YC	BCPR7ES	RES9PYP4	PTR5A-10	RL82	BR6HS
RAX94C	DR8EA	RC7YC4	BKR7E-11	RES9YCC4	PTR5A-10	RL82C	BR6HS
RAX94YC	DPR8EA-9	RC7YCC	BCPR7ES	RF10	AR6FS	RL82Y	BPR7HS
RAX96C	DR7EA	RC87LYC	BKR6E	RF11Y	APR6FS	RL82YC	BPR6HS
RAX96YC	DPR7EA-9	RC89YCC	BKR6ES	RF12	AR5FS	RL85	BR6HS
RBL11Y	BPR5FS	RC8DMC	BKR6EK	RF12-5	AR5FS-11	RL86	BR6HS
RBL11Y6	BPR5FS-15	RC8PYCB	PFR6G-11	RF14Y	APR5FS	RL86C	BR6HS
RBL12-6	BR5FS-15	RC8PYP	PFR6J-11	RF7YC	APR6FS	RL87Y	BPR6HS
RBL13Y	BPR5FS	RC8PYPB4	PFR6G-11	RF9Y5	APR6FS-11	RL87YC	BPR6HS



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

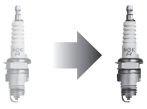


Champion	NGK
RL87YC	BPR6HS
RL95YC	BPR5HS
RL95YC	BPR6HS
RN10GY	BPR6EV
RN10Y	BPR6ES
RN10Y4	BPR6ES-11
RN11Y	BPR5ES
RN11YC	BPR5ES
RN11YC4	BPR5ES-11
RN11YCC	BPR5ES
RN12GY	BPR5EV
RN12Y	BPR5ES
RN12YC	BPR5ES
RN12YC4	BPR5ES-11
RN12YCC	BPR5ES
RN14LY	ZGR5C
RN14PMP5	BPR5EP-11
RN14Y	BPR5ES
RN14Y6	BPR5ES-15
RN16Y	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
RN8VTC4	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



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Denso to **NGK**

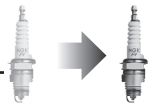


Denso	NGK	Denso	NGK	Denso	NGK	Denso	NGK
3134	BKR5EP-11	3264	PFR5B-11	3418	IFR6E-11	5327	TR7IX
3135	ZFR5E-11	3273	PFR7B	3424	BKR6E	5328	TR8IX
3139	BKR6EY-11	3275	PFR5G-11	3427	LZKAR7A	5330	UR5IX
3140	BCPR6EY	3277	BPR6EKN	3432	IZFR6K-11S	5331	UR6IX
3141	PFR6J-11	3281	BPR7EIX	3434	IKR7C	5343	LF5AIX-11
3142	PFR6G-11	3285	BPR5EIX-11	3439	DILKAR6A-11	5344	LF6AIX-11
3144	BKR6E-N-11	3289	BKR5EKP-11	3441	ILKR7B-8	5378	BPR6HIX
3156	BCPR5EIX-11	3290	BKR7EVX	3444	ILKAR7B-11	5601	BCPR5EIX-11P
3157	BCPR6EVX-11	3291	BPR6EVX	3449	IFR6J-11	5602	BCPR6EIX-11P
3158	BCP7EVX	3293	BKR5EVX	4019	BP5HS	5603	BKR6EIX-11P
3161	BKR5EVX-11	3297	IFR6T-11	4021	BP7HS	5604	IZFR6H-11
3163	BKR6EVX-11	3299	BKR7E-N-11	4028	BP8ES	5617	ILZFR5B
3165	BKR7E	3302	PGR7A	4032	B8EGV	5618	ILZFR6D-11
3167	ZFR4F-11	3303	IFR5T-8N	4048	B9EGV	5623	HB6AIX-11P
3168	PFR6B-11	3304	BKR6EKC	4057	B95EGV	5625	HB6BIX-11P
3169	ZFR6F-11	3305	BKUR6EK-9	5008	APR5FS	FK20HR11	ILFR6D-11
3172	PFR6G-13	3306	PGR6A	5012	AP6FS	FXE20HR11	DILKAR6A-11
3174	PFR5J-11	3307	IFR6C	5013	APR6FS	FXE24HR11	DF8H-11B
3175	PZFR5F	3310	BR10ET	5013	BP6EFS	IAEO132	R7282-105
3179	DCPR7E	3312	DCPR8E	5022	BPR5EFS	IAEO134	R7282-11
3184	BCPR5EY-11	3313	DCPR9E	5027	BPR5FS-15	IAO132	R7282A-105
3186	BCPR5EY-11	3314	DCPR9EVX	5032	BPR6EFS	IAO134	R7282A-11
3187	BCPR6EY-11	3323	BPR6EVX-11	5035	BPR6FS	IK16	BKR5EIX-11
3192	BKR7E-11	3333	BKR6E	5040	BP7EFS	IK20	BKR6EIX-11
3194	BKR5EKB-11	3344	BPR6ES	5060	BKUR6ET	IK22	IRIWAY7
3195	BKR6EKB-11	3345	BPR5ES	5061	BKUR6ET-10	IK24	BKR8EIX
3196	BKUR6EK	3346	BCPR5E	5062	BKUR7ET	IK24C11	FR8BI-11
3197	BKUR7EK	3347	BCPR7ES	5063	BKR6EKUB	IK27	BKR9EIX
3199	BP5EY-11	3348	ZFR7F-11	5064	BP5RT-10	IK27C	FR9BI-11
3201	BPR5ES-11	3349	BKR5E	5065	BP6ET	IKH16	LF5AIX-11
3210	BPR5EY	3353	BKR5EIX-11P	5066	BP7ET	IKH20	LF6AIX-11
3213	BPR5ES-13	3354	IGR7A	5067	BUR6ET	IKHO124	R7438-8
3226	BKR6EP-13	3372	IFRTG-11KS	5068	PTR5A-10	IKO124	R7434-8
3231	BPR5EIX	3373	BKR6EP-8	5069	BCP7ET	IKO127	R7434-9
3235	BCRE527Y	3374	ZFR6K-11	5070	PTR5D-10	IKO131	R7434-10
3239	BPR5EP-13	3377	IZFR6K-11	5077	PZTR5A-15	IKO224	R7434-8
3242	DCPR7EVX	3378	ZFR6FIX-11	5301	BCPR5EIX-11	IKO227	R7434-9
3244	BCPR6EIX-11	3379	BCPR7ES-11	5302	BCPR6EIX-11	IKO231	R7434-10
3245	PFR6J	3380	BKR6EKPA	5303	BKR5EIX-11	IQ16	BCPR5EIX-11
3246	PZFR5F-11	3381	LF6C-11	5304	BKR6EIX-11	IQ20	BCPR6EIX-11
3247	PZFR6F-11	3396	IZFR5F-11	5305	BPR5EIX-11	IQ22	IRITOP7
3253	BKR6EKP-11	3400	IFR5E-11	5306	BPR6EIX-11	IQ24	IRITOP8
3255	BCP7ES	3403	IFR6B-K	5307	BPR7EIX	IQ27	IRITOP9
3256	ZGR5A	3412	IFR5E-11	5308	DCPR7EIX	IT16	TR5IX
3262	BKR6EVX-11	3413	ZFR5F	5325	TR5IX	IT20	TR6IX



SPARK PLUG CONVERSION CHART

Denso to **NGK**



Denso

NGK



Denso

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Denso

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Denso

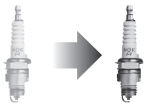
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IT22	TR7IX
IT24	TR8IX
ITF16	UR5IX
ITF20	UR6IX
IU22	CR7EIX
IU24	CR8EIX
IU27	CR9EIX
IU27D	CR9EIA-9
IUF22	CR7HIX
IUF24	CR8HIX
IUH24	CR8EHIX-9
IUH27	CR9EHIX-9
IW16	BPR5EIX-11
IW20	BPR6EIX-11
IW22	BPR7EIX
IW24	BR8EIX
IW27	BR9EIX
IW31	BR10EIX
IWF22	BR7HIX
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
K16-U	BKR5EYA
K16-U11	BKR5EYA-11
K16GPR-U11	ZFR5E-11
K16GPRU11	ZFR5E-11
K16HPR-U11	LFRA5A-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
K16TNR-S9	BKR5EKU
K16TR11	BKR5EKB-11
K20-U	BKR6EYA
K20-U11	BKR6EYA-11
K20DTR-S11	ZFR6G
K20HR-U11	LFRA6C-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
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
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
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	BKR5EKP-11

PK16TR13	BKR5EKP-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	BKR6EKP-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
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



SPARK PLUG CONVERSION CHART

Denso to **NGK**

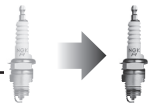


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Q16PR-ZU11	BCPR5EVX-11	SK16PR-E11	BKR5EIX-11P	U20ESR-N	CR6E	U31ESR-N	CR10E
Q16R-U	BCPR5EY	SK16PR-L11	IFR5G-11K	U20FS	C6HSA	U31ETR	CR10EK
Q16R-U11	BCPR5EY-11	SK16R-11	IFR5T-11	U20FS-L	C6HSA	U31FER9	CR10EH-9
Q16R-ZU11	BCPR5EVX-11	SK16R11	IFR5A11	U20FS-U	C6HSA	VK16	BKR5EIX-11P
Q20-U11	BCP6E-11	SK20PR-A11	IFR6E11	U20FSR-L	CR6HSA	VK16PRZ11	IFR5L11
Q20-ZU11	BCP6E-11	SK20PR-A8	IFR6E	U20FSR-U	CR6HSA	VK20	BKR6EIX-11P
Q20P-U	BCP6E	SK20PR-L9	IFR6C	U20M-U	CM-6	VK20PRZ11	IFR6L11
Q20P-U11	BCP6E-11	SK20R11	IFR6A11	U22ES-N	C7E	VK20T	BKR6EIX-LPG
Q20PR-P11	BCPR6EVX-11	SK22PR-M11	IFR7G-11KS	U22ESR-N	CR7E	VK20Y	BKR6EIX-P
Q20PR-U	BCPR6E	SKJ16CR-L11	IZFR5F11	U22ETR	CR7EK	VK22	BKR7EIX-P
Q20PR-U11	BCPR6EY-11	SKJ16DR-M11	IZFR5K11	U22FER9	CR7EH-9	VK22PRZ11	IFR7L11
Q20PR-ZU11	BCPR6EVX-11	SKJ20DR-M11	IZFR6K11	U22FS	C7HSA	VKA20	HB6AIX-11P
Q20R-U	BCPR6EY	SKJ20DR-M13	IZFR6K13	U22FS-GU	C7HV	VKB20	HB6BIX-11P
Q20R-U11	BCPR6EY	SVK20RZ11	BKR6EIX-11	U22FS-L	C7HSA	VKH16	LF5AIX-11P
Q20R-ZU11	BCPR6EVX-11	SVK20RZ8	BKR6EIX-P	U22FS-U	C7HSA	VKH20	LF6AIX-11P
Q20U	BCP6E	T14PR-U	BPR4FS	U22FS-ZU	C7HVX	VKH22	LF7AIX-P
Q22P-U	BCP7E	T14PR-U15	BPR4FS-15	U22FSR-L	CR7HSA	VQ16	BCPR5EIX-11P
Q22P-U11	BCP7E-11	T16-U15	BR5FS-15	U22FSR-U	CR7HSA	VQ20	BCPR6EIX-11P
Q22PR-P11	BCPR7EVX-11	T16EPR-U	BPR5EFS	U22FSR-U	CR7HSA	VUH24Z	IMR8A-9H
Q22PR-U	BCPR7E	T16EX-U	BP5EFS	U24ES-N	C8E	VUH27D	IMR9C-9H
Q22PR-U11	BCPR7E-11	T16P-U	BP5FS	U24ESR-N	CR8E	VUH27Z	IMR9A-9H
Q22PR-ZU	BCP7EVX	T16PR-U	BPR5FS	U24ESR-NB	CR8EB	VW20T	BPR6EIX-LPG
Q22PR-ZU11	BCPR7EVX-11	T16PR-U11	BPR5FS-11	U24ESR-NZU	CR8EVX	VX22BZ	UR7A9
QJ16AR-U	BCRE527Y	T16PR-U15	BPR5FS-15	U24ETR	CR8EK	VXU22	DCPR7EIX-P
QJ16AR-U11	BCRE527Y-11	T16R-U	BR5FS	U24FE9	C8EH-9	W14	B-4
QJ16C11	ZFR5A-11	T16R-U15	BR5FS-15	U24FER-ZU9	CR8EHVX-9	W14-U	B-4
QJ16CR11	ZFR5A-11	T20EP-U	BP6EFS	U24FER9	CR8EH-9	W14-U10	B-4-10
QJ20C11	ZF6A-11	T20EP-U15	BPR6EFS-15	U24FS	C8HSA	W14-US	B-4
QJ20CR11	ZFR6A-11	T20EPR-U	BPR6EFS	U24FS-C	LR8A	W14E	B4ES
QJ22CR11	ZFR7A-11	T20EPR-U15	BPR6EFS-15	U24FS-L	C8HSA	W14EKR-S11	BUR4EB-11
QL20PR-U	BCPR6ED	T20EX-U	BP6EFS	U24FS-U	C8HSA	W14EP	BP4ES
QL20TR-S	BCPR6EKD	T20P-U	BP6FS	U24FS-ZU	C8HVX	W14EPR	BPR4ES
QL22TR-S	BCPR7EKD	T20PR-U	BPR6FS	U24FSR-C	LR8A	W14EPR11	BPR4ES-11
S-27	SD9A	T20R-U	BR6FS	U24FSR-U	CR8HSA	W14EX-U	BP4EY
S-29	SD10A	T20R-U15	BR6FS-15	U24FSR-ZU	CR8HVX	W14EX-U11	BP4EY-11
S-29A	SD10A	T22EP-U	BP7EFS	U27ES-N	C9E	W14EX-U13	BPR4ES-13
S-31A	SD11A	U14FS-UB	C4HSB	U27ES-NZU	C9EVX	W14EX-ZU	BPR4EVX
S22PR-A7	IGR7A	U14FSR-UB	CR4HSB	U27ESR-N	CR9E	W14EXR-U	BPR4EY
SC20HR11	ILKAR7B-11	U16FS-L	C5HSA	U27ESR-NB	CR9EB	W9	B-2
SF-10	BUHX	U16FS-U	C5HSA	U27ESR-NZU	CR9EVX	W9-U	B-2
SF-24	BU8H	U16FS-UB	C5HSB	U27ETR	CR9EK	W9EP	BP-2E
SF-50	BUHW	U16FSR-L	CR5HSA	U27FE-ZU9	C9EHVX-9	W9EPR	BPR-2E
SF-51	BUHW-2	U16FSR-U	CR5HSA	U27FE9	C9EH-9	W9EX-U	BPR2ES
SK16HR-11	ILFR6C-11	U16FSR-UB	CR5HSB	U27FER-ZU9	CR9EHVX-9	W9EXR-U	BPR2ES
SK16PR-A11	IFR5E11	U17F	C5HSA	U27FER9	CR9EH-9	W9FP	BP-2H



SPARK PLUG CONVERSION CHART

Denso to **NGK** • EYquem to **NGK**



Denso	NGK
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
XU22PR9	DCPR7EA-9



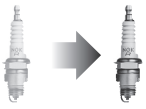
EYquem	NGK
1000	B8HS
1000 MOTO	B8HS
1000CM	B7S
1000L	B8ES
1000L MOTO	B8HS
1000M	B8HS
100M	B8HS
1100	B9HS
1100L	B8ES
1100L MOTO	B8ES
1150L	B9ES
200	B4H
202CT	B2LM
300AM	B4L
30AM	B4L
400J	BR5FS
406	BP6HS
450JS	BPR4FS-15
450L	B5ES
480CS	BP5S
500AM	B6L
500C	B6S
500CJT	BM6F
500CM	B6S
500CS	BP5S
500CT	BM6A
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	BGP5ES
FC52LS	BGP5E
FC52LS	BGP5ES
FC58LS	BGP6ES
FC62LS	BGP6ES
FC62LS2	BGP6ES
FC62LS3	BP6ET
FC62LS3X	BGP6ET
FC72LS	BGP7ES
FC82LS	BGP7E
FC82LS1	BGP7ES
FC82LS2	BGP7ES







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
R1000	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	IFR5B
RFN58HZ	IFR6B
RFN58LZ	BKR6EZ
T850	C7HSA
XKC62JS	APR6FS

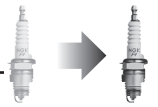
 Lodge	 NGK
15HLNY	BP6ES
25HL	BPR7ES
25HLD	BCP6ET
25HLNY	BP7ES
25XL	BP6ES
2BTNY	AP5FS
2HL	B7ES
2HLD	BCP6ES
2HLNY	BP7ES
2HNY	BP7HS
2HTNY	AP7FS
2HTY	BP6FS
2XL	BP6ES
3BTY	BP4FS
3HAN/M	B9S
3HLNY	BP7ES
3HNY	BP8ES
4HLNY	BP8ES
5HLNY	BP8ES
BLNY	BP5ES
BLTY	BPR5EFS
BTNY	AP5FS
BTY	BP5FS
C14	B5HS
CLNY	BP5ES
CN	B5HS
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



SPARK PLUG CONVERSION CHART

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



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
AGPR32C	BKR6E
AGSF22FE13J	PTR6F-13
AGSF24FM	TR55IX
AGSF24PM	TR55IX
AGSF32FM	PTR5F-13
AGSF32W	TR55IX
AGSP32FP	PFR5G-11
AGSP52	BKR5E
AWSF22C	BPR6EFS



Motorcraft **NGK**

AWSF32F	PTR5D-10
AWSF32F	TR55
AWSF32PP	PTR5D-10
AWSF32PP	PTR5D-10
AWSF42	BPR5EFS
AWSF42C	BPR5EFS
AWSF44C	TR5-1
AYFS32CJ	TR5B-13
AYRF22P	PTR5A-13
AYRF22PP	PTR5A-10



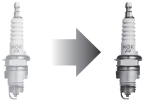
Torch **NGK**

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 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
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
DR8E	DR8EA
DR8ES	DR8EA
DR8EVX	DR8EIX
DR8EVX	DR8EIX
IFR7G-11K	IFR7G-11KS
ITR5F-13	ITR5H-13
SD1O	BUR9EQ

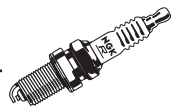


GLOW PLUG


DISCONTINUED

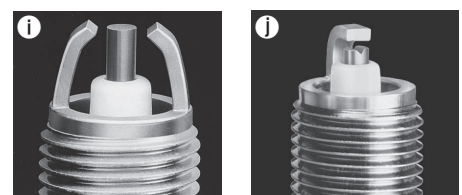
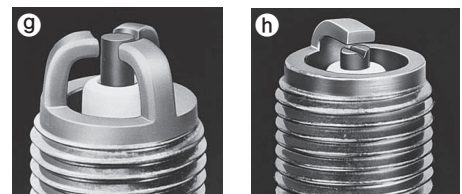
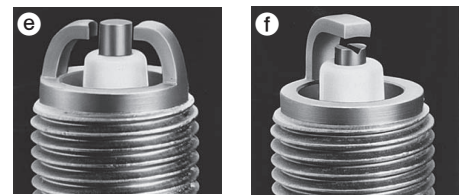
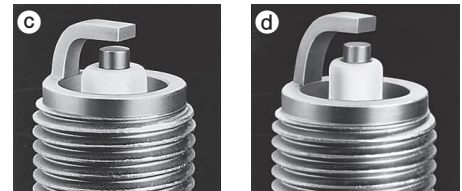
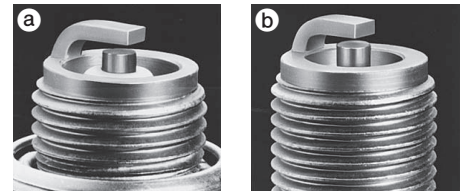
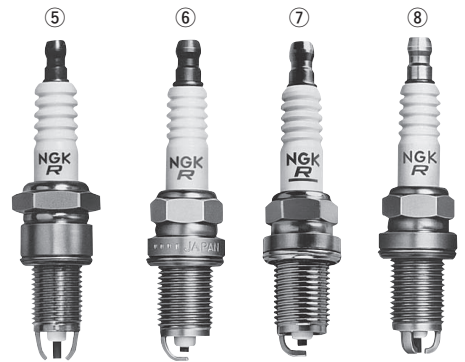
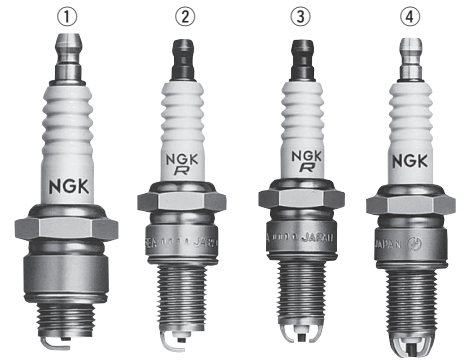
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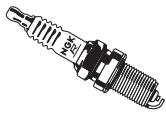
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CY53	CY03
CY55	CZ256
CY58	CZ261
CZ101	CZ104
CZ301	CZ304
CZ302	CZ303
CZ57	CZ257
CZ71	CZ258
Y-503R	Y-503J
Y-504R	Y-504J
Y-506R	Y-506J
Y-507R	Y-507J
Y-515J	Y-732J
Y-701R	Y-701J
Y-720U	Y-720U1
Y-722J	Y-722JS
Y-731U	Y-503J
Y-731U	Y-503J
Y-732U	Y-732J
Y-742U	Y-710J
Y-743U	Y-711J
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



I STANDARD TYPES


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

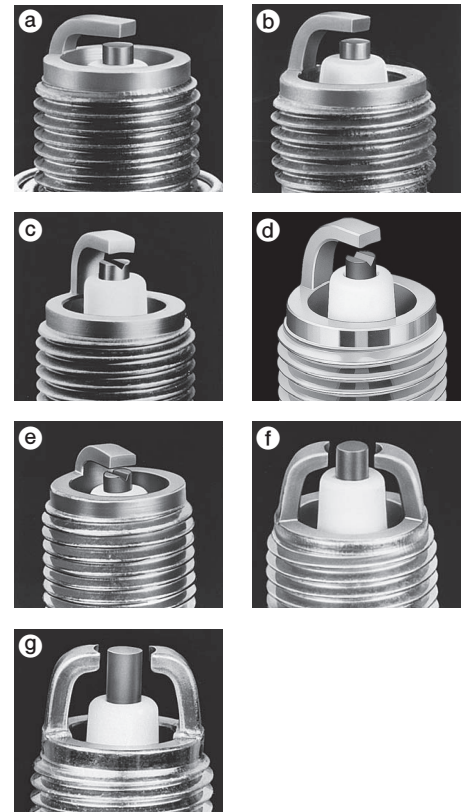




SERIES OF NGK SPARK PLUGS

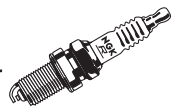



	NON-RESISTOR	RESISTOR
14mm ϕ × 19.0mm 16.0 Hex Fig. ① ③	BCP5EY-11	BCPR4EY-11 BCPR5EY,-11,-N-11 BCPR6EY,-11,-N-11 BCPR7EY,-11,-N-11
	Fig. ② ④ ISO	BKR4EY,-11 BKR5EY,-11 BKR5EYA,-11 BKR6EY,-11 BKR6EYA,-11 BKR7EY
	Fig. ① ④	BCPR5E,-11 BCPR6E,-11 BCPR7E,-11
	Fig. ② ④ ISO	BKR4E,-11 BKR5E,-11,-N,-N-11 BKR5EZ BKR6E,-11,-N,-N-11 BKR6EZ BKR7E,-11,-N-11 BKR8E-11
	Fig. ⑥ ⑦ ISO	BKR5EK BKR6EK
	Fig. ⑥ ⑨ ISO	BKR5EKB-11 BKR6EKB-11 BKR5EKC BKR6EKC,-N-11 BKR6EKE BKR7EKC,-N,-N-11
14mm ϕ × 26.5mm 16.0 Hex Fig. ⑧ ④		LFR4A,-11 LFR5A,-11 LFR6A,-11
14mm ϕ × 11.2mm Conical seat 16.0 Hex Fig. ③ ①	B7FS	BR5FS BR6FS,-15
	Fig. ③ ②	BPR4FS,-11,-15 BPR5FS,-11,-15 BPR6FS
	Fig. ③ ④	BP5F BP6F
14mm ϕ × 17.5mm Conical seat 16.0 Hex Fig. ④ ①	B6EFS	BR7EFS
	B8EFS B9EFS	
	Fig. ④ ⑤	BR6EF BR7EF
	Fig. ④ ②	BPR5EFS,-13 BPR6EFS,-13,-15 BPR7EFS-15
Fig. ④ ④	BP6EF	BPR6EF,-11,-13
14mm ϕ × 25.0mm Conical seat 16.0 Hex Fig. ⑦ ②		TR5A-13 TR5B-13 TR6B-10,-13
14mm ϕ × 11.2mm 20.8 Hex Fig. ⑤ ①	B-4L B-6L B6LY(Fig. ⑤ ⑤)	

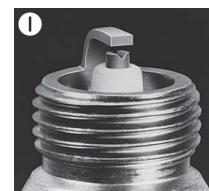
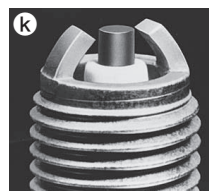
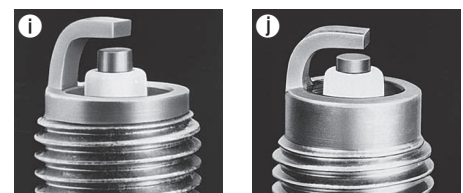
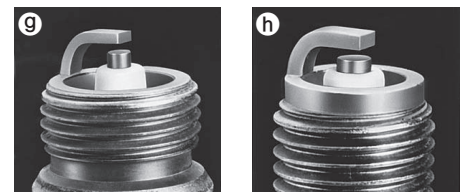
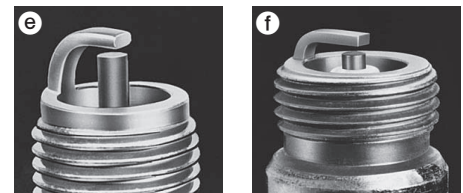
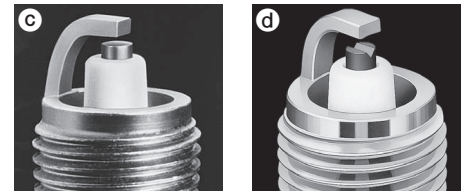
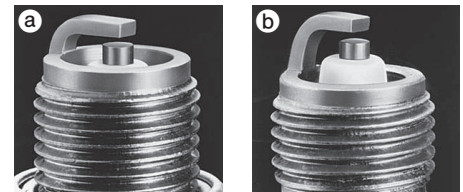


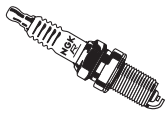


SERIES OF NGK SPARK PLUGS




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

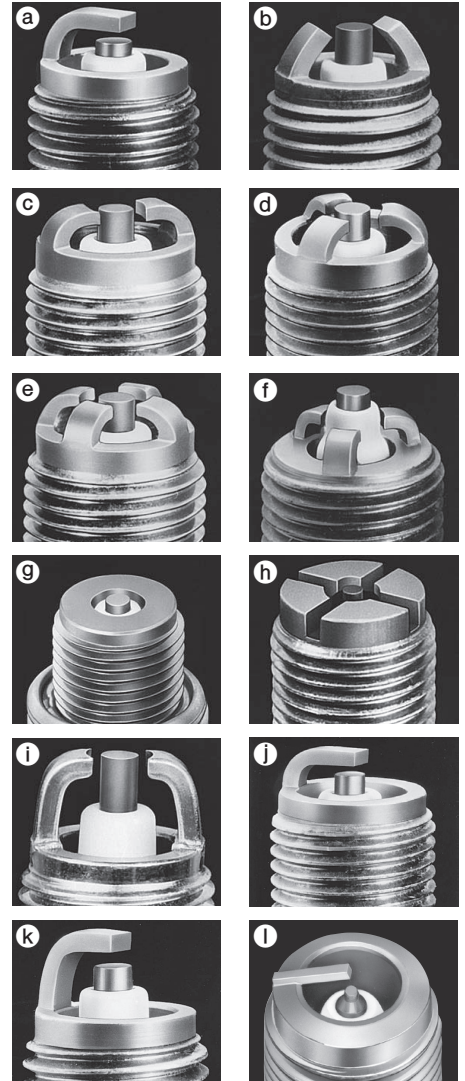
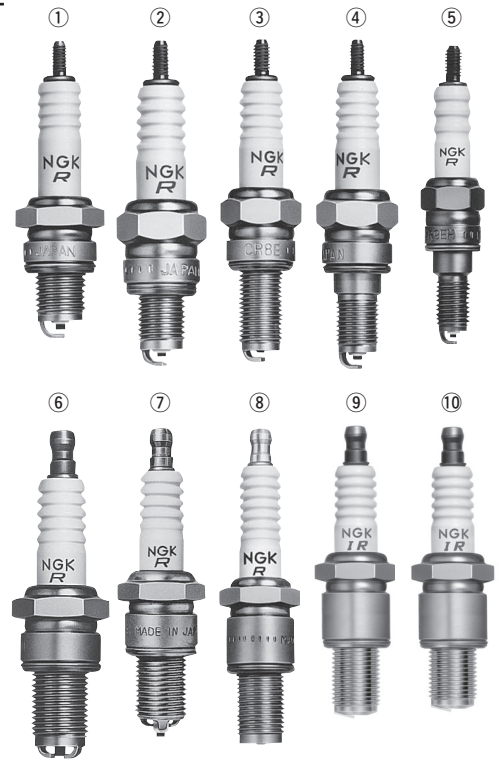





SERIES OF NGK SPARK PLUGS

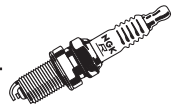


	NON-RESISTOR	RESISTOR
12mm ϕ × 12.7mm 18.0 Hex Fig. ① ②	D6HA D8HA	DR4HS DR5HS DR6HS DR8HS
10mm ϕ × 12.7mm 16.0 Hex Fig. ② ③	C2H C5HSA C6HSA C7HSA C8HSA	C4HSB C5HSB CR4HSA CR5HSA CR6HSA CR7HSA CR8HSA CR4HSB CR5HSB LR8A
10mm ϕ × 19.0mm 16.0 Hex Fig. ③ ④	C7E C8E C9E	CR6E CR7E CR8E CR9E CR10E
Fig. ③ ⑤		CPR8E CPR7EA-9
10mm ϕ × 19.0mm 16.0 Hex Fig. ④ ⑥	C7EH-9 C8EH-9 C9EH-9	CR7EH-9 CR8EH-9 CR9EH-9 CR10EH-9
10mm ϕ × 19.0mm 16.0 Hex Fig. ③ ⑦		CR7EK CR8EK CR9EK CR10EK
Fig. ③ ⑧		CR7EKB CR8EKB CR9EKB
10mm ϕ × 19.0mm 14.0 Hex		MAR10A-J
10mm ϕ × 26.5mm 14.0 Hex		LMAR6A-9 LMAR7A-9 LMAR8A-9,9S
8mm ϕ × 19.0mm 13.0 Hex Fig. ⑤ ⑨		ER8EH ER9EH ER10EH




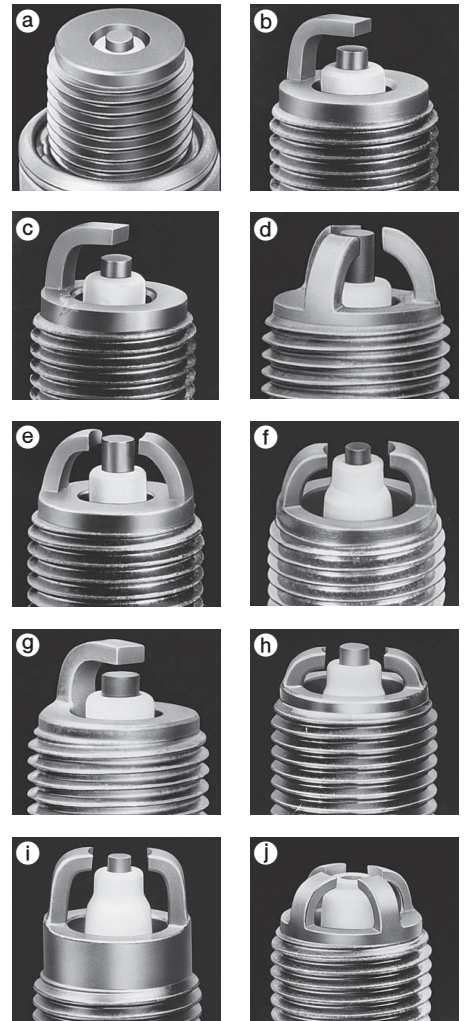
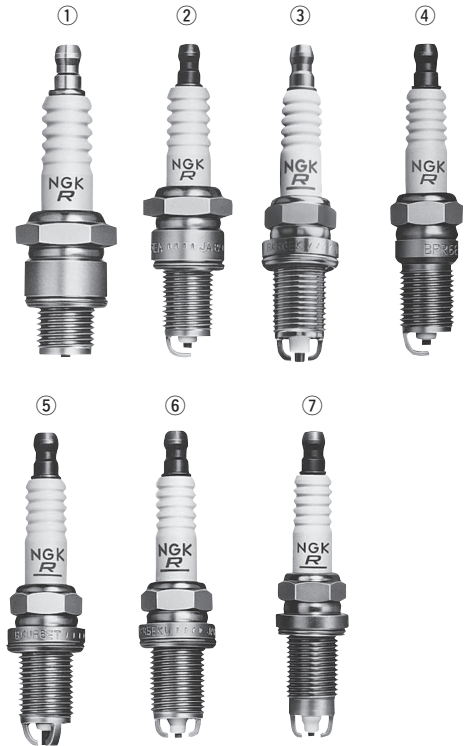
I FOR ROTARY ENGINE

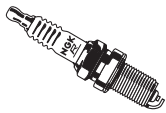
	NON-RESISTOR	RESISTOR
14mm ϕ × 19.5mm 20.8 Hex Fig. ⑥ ⑩	B7EM	BR8EM
Fig. ⑥ ⑪		BR7ET BR8ET BR9ET BR10ET
Fig. ⑥ ⑫		BR7EQ-14 BR8EQ-14 BR9EQ-14
14mm ϕ × 21.5mm 20.8 Hex Fig. ⑧ ⑬		SD10A SD11A
Fig. ⑧ ⑭		BUR6EQ BUR7EQ BUR8EQ BUR9EQ BUR7EQP BUR9EQP
14mm ϕ × 21.0mm 20.8 Hex Fig. ⑨		RE6C-L RE7C-L RE8C-L
14mm ϕ × 19.0mm 20.8 Hex Fig. ⑩ ⑮		RE9B-T



I SEMI SURFACE DISCHARGE TYPES

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




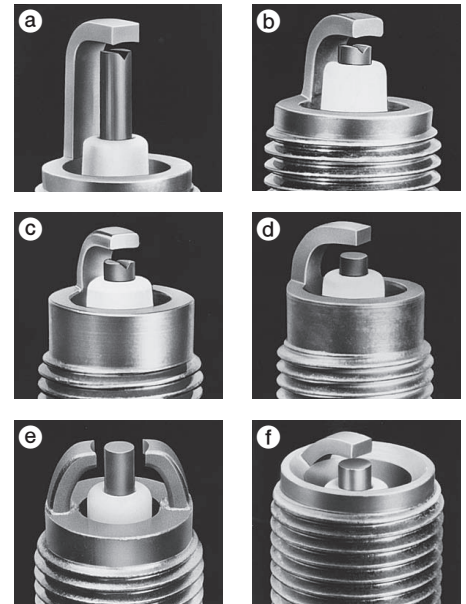


SERIES OF NGK SPARK PLUGS



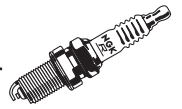
I PROJECTED GAP TYPE

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




I COMPETITION TYPES

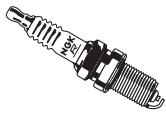
14mm ϕ \times 12.7mm 20.8 Hex Fig. ⑥(f)	B7HCS B8HCS B9HCS	BR8HCS-10
14mm ϕ \times 19.0mm 20.8 Hex Fig. ⑦(f)	B7ECS B8ECS B9ECS	BR8ECS BR9ECS BR10ECS
Fig. ⑧(f)		BR8ECM BR9ECM BR10ECM



I PLATINUM, IRIIDIUM TIPPED TYPES


	NON-RESISTOR		
14mm ϕ × 19.0mm 20.8 Hex Fig. ① i	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 h	IGR5C13		
14mm ϕ × 19.0mm 16.0 Hex Fig. ② a	Fig. ③ h ISO	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	
		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	
		PFR5L-11 PFR5N-11 PFR4P PFR6L-11,-13 PFR6N-11 PFR6P,-11 PFR6Q PFR7N-D PFR7Q	
		PFR5R-11	
		BKR5EP-8,-11 BKR6EP-8,-11,-13,-N-8	
		Fig. ④ c ISO	BKR6EKPA
		Fig. ④ d ISO	BKR5EKUP
		Fig. ④ e ISO	BKR5EKP-11,-13 BKR6EKP-11
		Fig. ④ j ISO	BKR5EQUPA BKR6EQUP BKR6EQUPA
		Fig. ③ f ISO	PFR6M PFR7M
		Fig. ③ g ISO	PZFR5B PZFR5F,-11,-13 PZFR6B PZFR6F,-11 PZFR7F
Fig. ③ h ISO	IFR5A11,-8N IFR5D10 IFR5E11 IFR6A11 IFR6C IFR6D10 IFR6E11 IFR7F-D		
	IFR5G11 IFR5J11 IFR5N10 IFR6S IFR5T-8N,11 IFR6J11 IFR6T11		
Fig. ② g	IZFR5B IZFR5F11 IZFR6B IZFR6F11		
ZFR5LP-13G			
14mm ϕ × 22.0mm 16.0 Hex Fig. ⑩ k ISO	PZFR5C PZFR5D-11		
	Fig. ⑩ k ISO	IZFR5C IZFR7E-D	
14mm ϕ × 25.0mm conical seat 16.0 Hex Fig. ⑥ h	PTR5A-13		

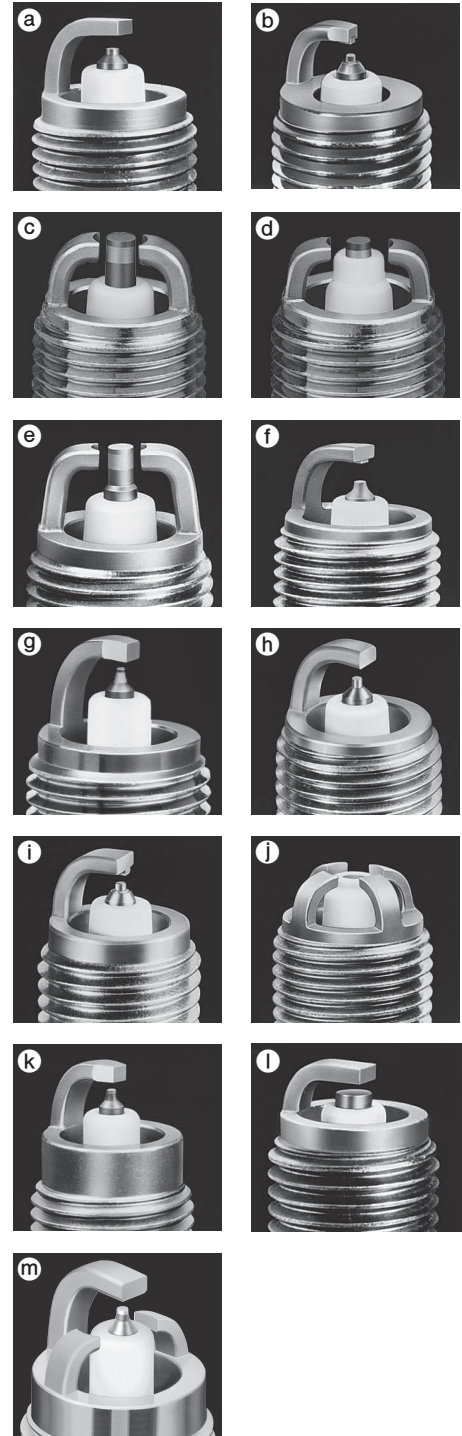




SERIES OF NGK SPARK PLUGS

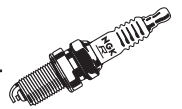


	NON-RESISTOR
14mm ϕ \times 17.5mm conical seat 16.0 Hex Fig. ⑨①	PTR4B-15 PTR5C-13,-15 ITR4A15 ITR5F13 ITR6F13
14mm ϕ \times 17.5mm conical seat 16.0 Hex Fig. ③⑧	PTR5D-10,-13 PTR6D-13,-13G
Fig. ⑨⑨	PZTR5A-15
14mm ϕ \times 20.5mm 16.0 Hex Fig. ③②	IZFR6K11,11E,13 IZFR6K-11S,IZFR6K11NS
14mm ϕ \times 21.5mm 16.0 Hex Fig. ①③	PZFR5N-11T
14mm ϕ \times 22.0mm 16.0 Hex Fig.	PZFR6J-11
14mm ϕ \times 26.5mm 16.0 Hex Fig. ①①①	PLFR4A-11 PLFR5A-9,-11 PLFR6A-9,-11 PLFR7A-9
Fig. ①①⑨	ILZFR6A11
14mm ϕ \times 29.5mm 16.0 Hex Fig. ①①①	LZFR5AQP
14mm ϕ \times 25.0mm conical seat 16.0 Hex	PLZTR4A-13,PLZTR5A-13
12mm ϕ \times 19.0mm 18.0 Hex Fig. ⑤⑧	PJR6A PJR7A PJR8A
	IJR7A9
12mm ϕ \times 19.0mm 16.0 Hex Fig. ⑦①	PKR7A PKR9B
12mm ϕ \times 19.0mm 16.0 Hex Fig. ⑦③	DCPR8EKP
12mm ϕ \times 22.0mm 16.0 Hex Fig.	IZKR7A
12mm ϕ \times 28.0mm 16.0 Hex	ILZKR7B11 ILZKR7B-11S ILZKR7B11GS
10mm ϕ \times 19.0mm 16.0 Hex Fig. ⑧①	PMR7A PMR8A PMR8B
10mm ϕ \times 19.0mm 16.0 Hex Fig. ⑫	IMR9C-9H IMR9C-9HE,IMR9C-9HES
12mm ϕ \times 26.5mm Bi-Hex 14.0mm	ILZKBR7A-8G PLZKBR7A-G






SERIES OF NGK SPARK PLUGS



I COMPACT TYPES

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

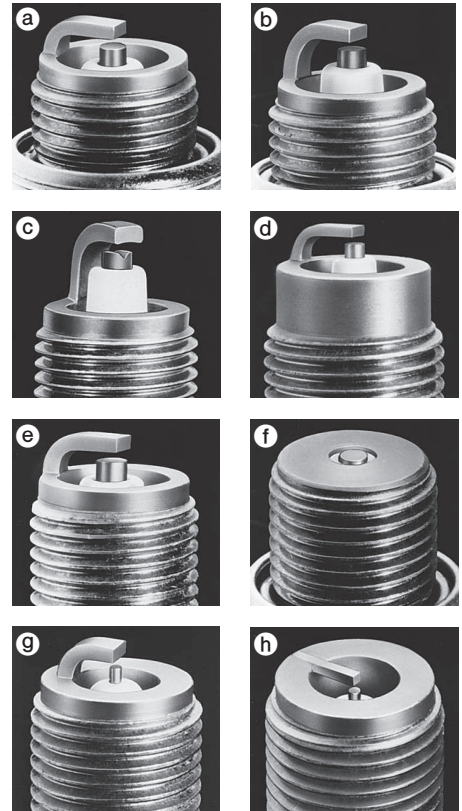


I FARM EQUIPMENT TYPES


PF1/2" × 22.5mm 23.8 Hex Fig. ⑤(d)	G-27 G-2Z
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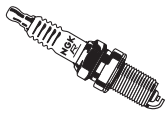
I SURFACE DISCHARGE TYPES

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



I RACING TYPES


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

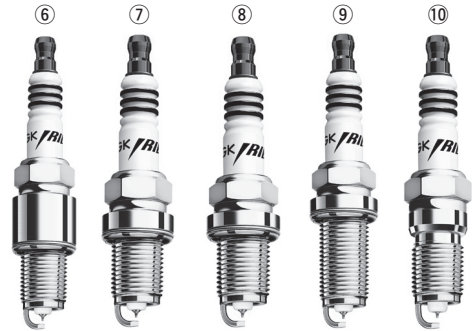
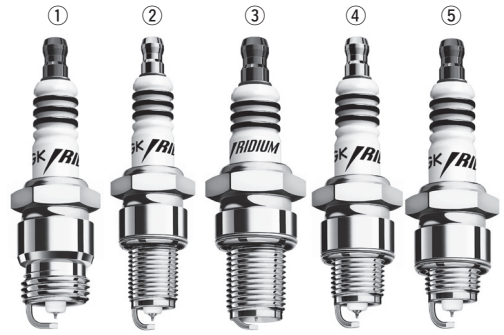


SERIES OF NGK SPARK PLUGS



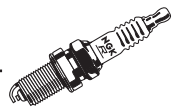
IX TYPES

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




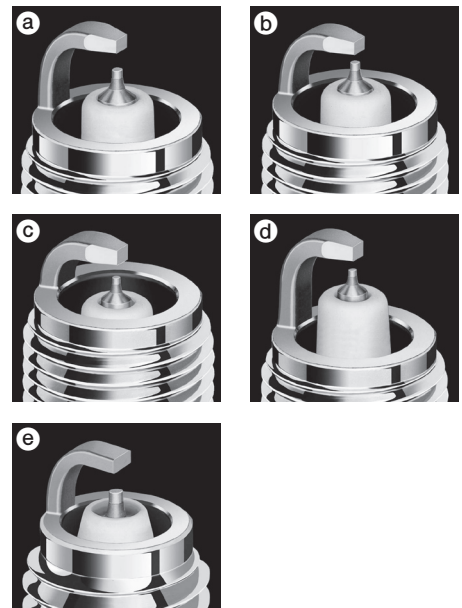
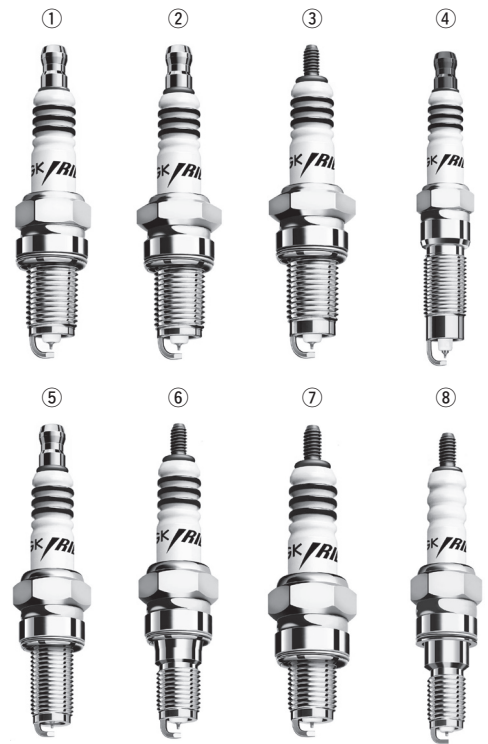


SERIES OF NGK SPARK PLUGS



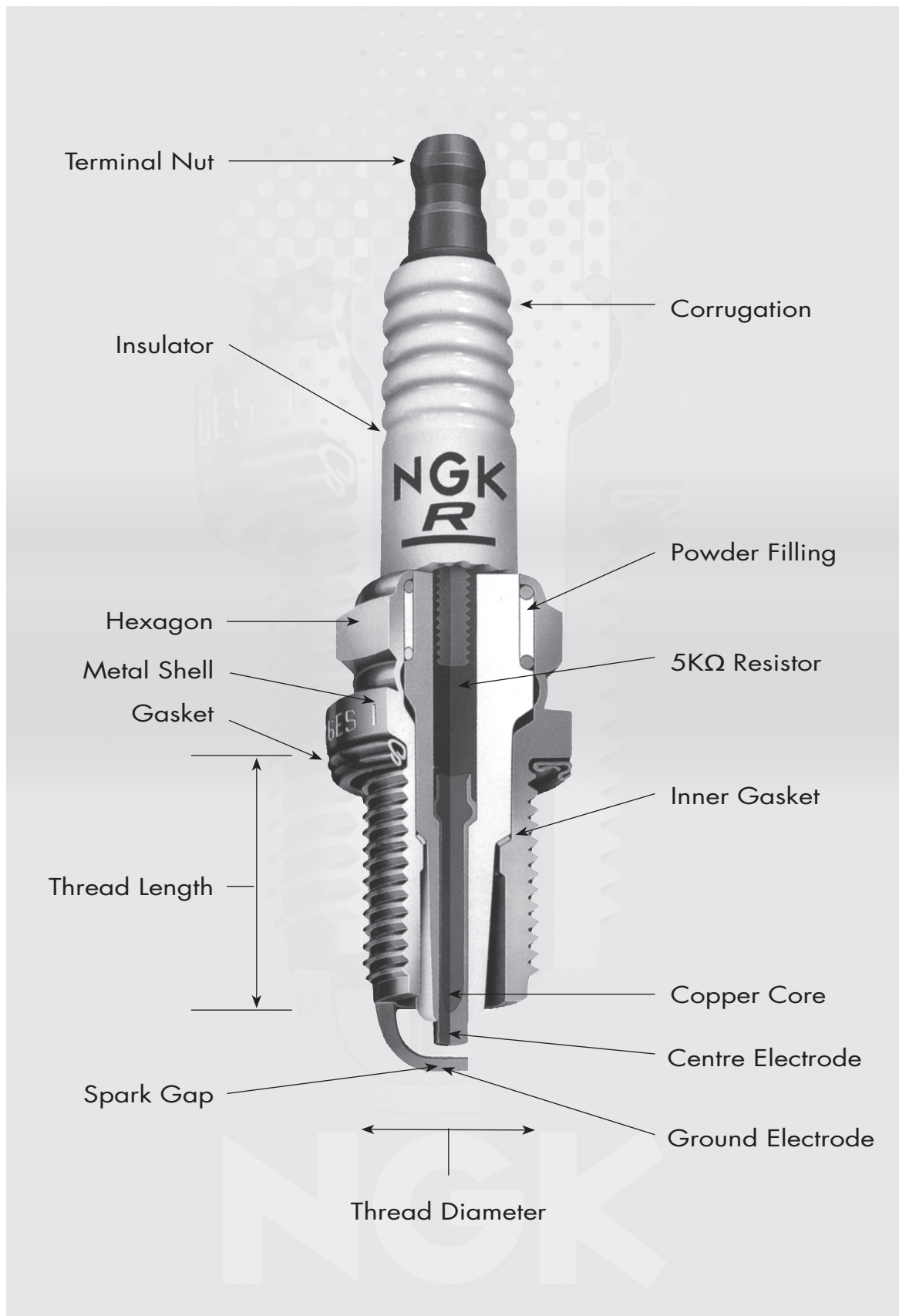
I IX TYPES

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





STRUCTURE OF A SPARK PLUG



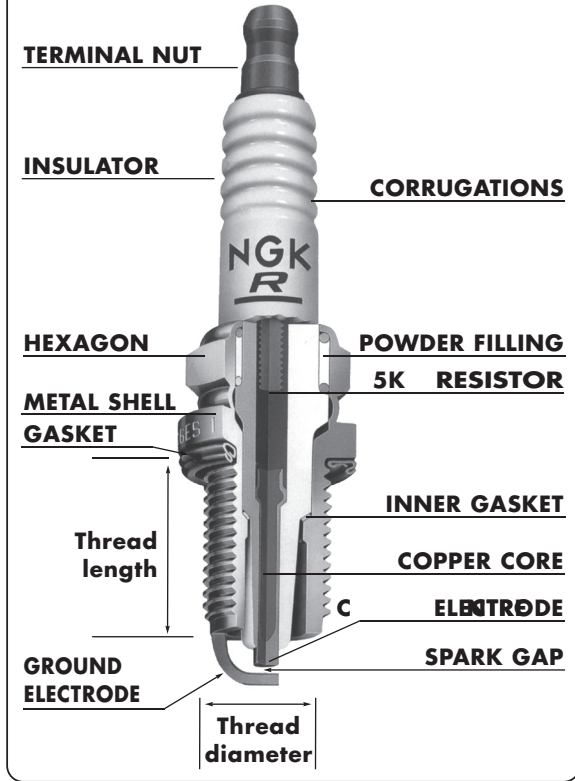


NGK SPARK PLUG

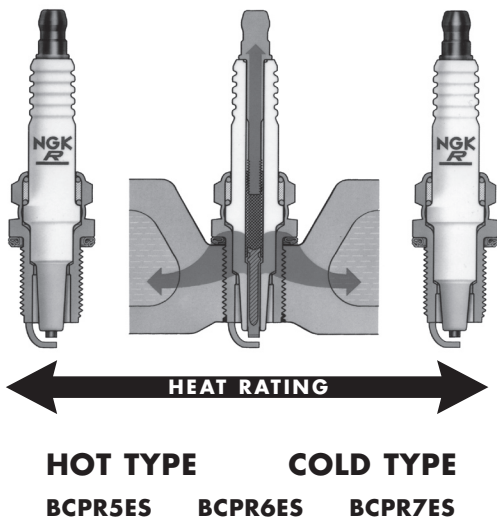
INFORMATION CHART



Construction of NGK Spark Plugs



Heat Rating and Heat Flow Path of Spark Plugs



Design Symbols

Thread Size	Hexagon Size	Construction Features	Heat Rating	Thread Reach
A 18mm	25.4mm	L Compact type (Short)	2 Hotter	E 19.0mm
B 14mm	20.8mm	M Compact type (Bantam)	4	EH Part threaded
C 10mm	16.0mm	J Projected insulator type	5	Total 19.0mm
D 12mm	18.0mm	P Resistor type	6	Thread 12.7mm
E 8mm	13.0mm	R Surface or semisurface discharge type	7	F Taper seat type
G PF1/2	23.8mm	U Inductive resistor type	8	A-F Type 10.9mm
J 12mm	18.0mm		8.5	B-F Type 11.2mm
AB 18mm	20.8mm		9	B-EF Type 17.5mm
BC 14mm	16.0mm		9.5	BM-F Type 7.8mm
BK 14mm	16.0mm		10	B-S Type 9.5mm
DC 12mm	16.0mm		10.5	H 12.7mm
			11	L 11.2mm
			12	Z 21mm
			13 Colder	NO SYMBOL
				18.0mm = 12mm reach
				14.0mm = 9.5mm reach

B C P R 6 E S - 11 Spark gap (mm)
*No number = standard/preset

Firing End Construction, etc.			
A Special design	GV Gold-palladium centre electrode	Q 4 - Ground electrodes	R Special ground electrode
B Special design	IX High performance Iridium	R Special ground electrode	S Copper core centre electrode 2.5mm
C Low angle ground electrode	J Extended 2 - Ground electrode	T 3 - Ground electrodes	U Semisurface discharge type
CM Compact type, low angle ground electrode	K 2 - Ground electrodes	V 3 - Ground electrodes	V Gold-palladium electrode
D Special design	KC 2 - Ground electrodes	VX Platinum centre electrode	W & special ground electrode
E Y-grooved centre electrode (14mm only)	KUB 2 - Ground electrodes semisurface discharge	X Tungsten electrode	Y Booster gap
ES Standard 19mm thread reach (2.5mm) centre electrode	L Half heat range	Y V-Grooved centre electrode	Z Thick 2.9mm centre electrode
F Tapered seat	LM Compact type (insulator length: 14.5mm)		
G Fine nickel alloy centre electrode	M 2 - Ground electrodes for Mazda rotary engines or insulator length: 18.5mm		
GP Platinum-Finewire (6mm)	N Special ground electrode		
	P Platinum electrodes		

P F R 6 A - 11 A

Plug Type	Metal Shell Size	Construction	Construction	Spark gap (mm)	Feature
D High ignitability plug	F 14a x 19mm, 16.0mm Hex.	R Resistor	A Special design	None: Standard gap	A No gasket type
I Iridium electrode	G 14a x 19mm, 20.8mm Hex.		B Special design	8 0.8mm	B Special
IZ Iridium electrode & extended gap	J 12a x 19mm, 18.0mm Hex.		C Special design	9 0.9mm	C Special
L Thread Reach 26.5mm	K 12a x 19mm, 16.0mm Hex.		D Special design	10 1.0mm	D Special
P Platinum electrode	KA 12a x 19mm, 14.0mm Hex.		J Special design	11 1.1mm	
PL Platinum electrode & thread reach 26.5mm	KB 12a x 19mm, 14.0mm Bi-Hex.			12 1.2mm	
PZ Platinum electrode & extended gap	L 10a x 12.7mm, 16.0mm Hex.			13 1.3mm	
S High ignitability plug Thin square tip type	M 10a x 19mm, 16.0mm Hex.			14 1.4mm	
Z Extended Gap	MA 10a x 19mm, 14.0mm Hex.			15 1.5mm	
	T Tapered seat type			20 2.0mm	
	U 14a x 17.5mm, 16.0mm Hex.				
	W 18a x 10.9mm, 20.8mm Hex.				
	X 14a x 9.5mm, 20.8mm Hex.				
	Y 14a x 11.2mm, 16.0mm Hex.				
	PTRSA: 14a x 25mm, 16.0mm Hex				
	TRSA: 14a x 25mm, 16.0mm Hex				
	TRSB: 14a x 25mm, 16.0mm Hex				

V-Power Spark Plugs

T R 5 5 1 IX

R: with Resistor Heat Rating 4 ↑ Hot / 6 ↓ Cold Gap: None, 1.0mm, 1.5mm, 2.0mm Special Design Type (Serial Number) IX: Iridium IX Series

Letter	Thread Diameter	Reach	Insulator Type	Seat Type
F	14mm	19mm	Projected	Gasket Seat
F-1	14mm	22mm	Projected	Gasket Seat
G	14mm	19mm	Projected	Gasket Seat
T	14mm	17.5mm	Projected	Taper Seat
T-1	14mm	20.5mm	Projected	Taper Seat
U	14mm	10.9mm	Projected	Taper Seat
W	18mm	10.9mm	Projected	Taper Seat
X	14mm	9.5mm	Projected	Gasket Seat
Y	14mm	10.9mm	Non-Projected	Taper Seat



DIAGNOSTIC CHART



Normal

Using Unleaded Petrol



Normal

Using Lead Replacement Petrol



Normal

Using Lead Replacement Petrol



Symptoms

Causes

Remedy

- Hard starting
- Misfiring
- Black exhaust smoke

Carbon Fouled



- 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

- Hard starting
- Misfiring
- Grey / white exhaust smoke
- Loss of oil

Oil Fouled



- Worn rings
- Worn piston
- Leaking valve stem seals
- Over-filled oil sump

- Replace worn components
- Replace spark plug with correct heat range

- "Pinking" under acceleration or climbing hills
- Engine run-on after switching off

Overheated



- 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

- Misfiring
- Loss of power
- Hard starting
- Noise in engine

Damaged



- Foreign particles inside cylinder
- Broken or damaged valve

- Replace spark plugs
- Remove foreign or damaged components

- Melted spark plug
- Damaged piston crown
- Damage to cylinder head

Under Tightened



- 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

- Hard starting
- Reduced fuel economy

Worn



- Normal electrode wear $\pm 0.03\text{mm} / 1\ 000\text{km}$
- Fuel deposits (carbon, lead, additives & salts)

- Replace spark plug with correct heat range

- Redish brown stain above metal shell on insulator

Corona Stain



- Oil particles suspended in the air adhere to the insulator due to high voltage

Corona Stain

- No deterioration to the function of the spark plug
- Change spark plug **ONLY** at recommended service intervals



NGK CATALOGUE 2013/14

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