



spark plug
catalogue
2017/18





Standard

Nickle Alloy Spark Plugs



Standard

OEM Spark Plugs

This is the workhorse, the plug that is at the heart of smooth-running engines around the world

- OEM Quality
- Consistent performance
- Plug of choice in millions of vehicles
- Trivalent metal plating has superior anti-corrosion and anti-seizing properties

G-POWER

Platinum Alloy Spark Plugs



G-Power

Superior Performance Spark Plug

With improved fuel efficiency, lower emissions, quicker starts and quicker acceleration, G-Power is the best platinum sparkplug at an economical price

- 0.6mm fine tipped center electrode and trapezoidal ground electrode provide even more area for flame expansion, it offers a dramatic increase in ignitability
- Fine platinum alloy tip on center electrode reduces required voltage
- Extremely durable under high heat
- Trivalent metal plating has superior anti-corrosion and anti-seizing properties

NGK Iridium IX

Iridium Alloy Spark Plugs



Iridium IX

Ultimate Performance Spark Plug

Designed specifically for the performance enthusiast. Iridium IX offers extreme ignitability, improved throttle response, high fuel efficiency and superior anti fouling

- 0.6mm fine tipped center electrode and taper-cut ground electrode provide even more area for flame expansion, it offers a dramatic increase in ignitability
- Fine iridium tip on center electrode ensures high durability and a consistently stable spark
- Iridium alloy has extremely high melting point, perfect for today's high-tech, high-performance engines
- Unique two-stepped center electrode with a secondary micro-discharge burns off carbon deposits as they form
- Trivalent metal plating has superior anti-corrosion and anti-seizing properties



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mazda
mercedes benz
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peugeot
porsche
proton
renault
rolls royce
rover
ssangyong
suzuki
subaru
toyota
volkswagen
volvo



4 WHEELER



BRAND	MODEL	CC	ENGINE TYPE	YEAR	OE / EQUIVALENT	G-POWER	IX
ALFA ROMEO	145	2000	16V TWIN SPARK	1996.2 -	BKR6EKPA + PMR7A	-	BKR6EIX+
	146	2000	16V TWIN SPARK	1996.12 -	BKR6EKPA + PMR7A	-	BKR6EIX+
	147	2000	AR 32310	2000.11 -	BKR6EKPA + PMR7A	-	BKR6EIX+
	149	1400	TURBO MULTIAIR	2010.3 -	IKR9F8	-	-
	155	2000	16V TWIN SPARK	1997.5 -	BKR6EKPA + PMR7A		BKR6EIX+
	156	2000	JTS 16 VALVE	2001.11 -	BKR6EKPA	BKR6EGP	BKR6EIX
	159	1900	JTS 16V	2005.7 -	FR5CP	-	-
			JTS 16V	2005.7 -	FR5CP	-	-
	164	2000	8V TWIN SPARK	1997.9 -	BCP6ES	-	BCPR6EIX
			V6 TURBO	1997.9 -	BP7ES	-	BPR7EIX
		3000	V6		BP5ES	BPR5EGP	BPR5EIX
			SUPER 24V/V6Q/V6Q4		PFR6B	BKR6EGP	BKR6EIX
	166	2000	16V TWIN SPARK		PFR6B	BKR6EGP	BKR6EIX
			V6 TURBO	1998.11 -	BP6E	BPR6EGP	BPR6EIX
	BRERA	2200	JTS	2005.9 -	FR5CP	BKR5EGP	BKR5EIX
	GT	2000	JTS	2003.12 -	BKR6EKPA	BKR6EGP	BKR6EIX
				2003.12 - 2004.12	PFR6B	BKR6EGP	BKR6EIX
	GTV	2000	16V TWIN SPARK		BKR6EKPA + PMR7A	-	BKR6EIX+
			V6 12 VALVE TURBO	1997.9 -	BPR7ES	-	BPR7EIX
			V6 TURBO L	1998.6 -	BP6E	BPR6EGP	BPR6EIX
			V6 TB		BP7ES	-	BPR7EIX
			JTS 16 VALVE	2003.6 -	BKR6EKPA	BKR6EGP	BKR6EIX
	MITO	1400	MULTIAIR 105 CV	2009.8 -	DCPR7E-N-10	-	-
			TURBO MULTIAIR 135CV	2009.8 -	IKR9F8	-	-
			TURBO 170CV MAIR Q.V	2009.12 -	IKR9F8	-	-
	SPIDER	3000	V6 24V	1998.6~2004	PFR6B	BKR6EGP	BKR6EIX
	ASTON MARTIN	DB7	6000	V12	1999.7 -	PTR6E-13	-
DB9		6000	V12	2003.1 -	PTR6D-13	-	-
VANQUISH		6000	V12	2006 -	PTR6D-13	-	-
VANTAGE		5300	V8		BCR8ES	-	-
VOLANTE		5300	V8		BKR6E	BKR6EGP	BKR6EIX
AUDI	A1	1400	CAX	2011.1	PZFR6R	-	-
			CHZ	2015.8	PKER7A8EGS6R	-	-
	A3	1400	DLA-8V	2015.11	PZKER7A8EGS	-	-
			1600	BFQ	2002.5 - 2003.6	BKUR6ET-10	BKR6EGP

BRAND	MODEL	CC	ENGINE TYPE	YEAR	OE / EQUIVALENT	G-POWER	IX		
AUDI	A3	1600	BGU	2003.5 - 2005.5	BKUR6ET-10	BKR6EGP	BKR6EIX-11		
			BSE, BSF	2005.6 -	BKUR6ET-10	BKR6EGP	BKR6EIX-11		
		1800	AGN	1996.9 -	BKUR6ET-10	BKR6EGP	BKR6EIX-11		
			APG	1999.11 - 2003.6	PFR6Q	BKR6EGP	BKR6EIX		
		2000	FSI (AXW, BLX, BMB)	2003.5 - 2004.5	PZFR5N-11T	-	-		
				2004.6 - 2005.11	BKR6E	BKR6EGP	BKR6EIX		
			FSI (BLR)	2005.1 - 2005.11	PZFR5N-11T	-	-		
				2005.11 -	PZFR5N-11T	-	-		
			FSI (BVZ)	2005.11 -	BKR6E	BKR6EGP	BKR6EIX		
				2004.9 - 2005.10	PFR6Q	BKR6EGP	BKR6EIX		
	TFSI (BWA)		2005.11 -	PFR6Q	BKR6EGP	BKR6EIX			
			1800	AJL	1997.8 -	BKUR6ET	BKR6EGP	BKR6EIX	
	A4	1800	AFY	1995.8 - 1998.12	BKUR6ET	BKR6EGP	BKR6EIX		
			ADR, APT, APW, ARG	1994.11 - 1999.4	BKUR6ET-10	BKR6EGP	BKR6EIX-11		
		AWT	2000.6 - 2000.10	PFR6Q	BKR6EGP	BKR6EIX			
			2000.12 - 2002.8	PFR6Q	BKR6EGP	BKR6EIX			
		AVV	2000.6 - 2001.9	BKUR6ET-10	BKR6EGP	BKR6EIX-11			
			2002.7 -	PFR6Q	BKR6EGP	BKR6EIX			
		TURBO (AEB)	1994.11 -	BKUR6ET	BKR6EGP	BKR6EIX			
			TURBO (AJL, ANB, APU, AQC, ARQ)	1998.2 -	PFR6Q	BKR6EGP	BKR6EIX		
		2000	ABK	1991.8 -	BUR6ET	BPR6EGP	BPR6EIX		
				1994.11 -	BUR6ET	BPR6EGP	BPR6EIX		
			ALT	2000.12 -	BKUR5ET-10	BKR5EGP	BKR5EIX-11		
				2002.7 -	PZFR5N-11T	-	-		
	FSI (AWA)		2004.11 - 2005.8	PFR6Q	BKR6EGP	BKR6EIX			
			2005.6 -	PFR6Q	BKR6EGP	BKR6EIX			
	ABA-8KCDNA		2010.11	PFR7S8EG	-	-			
			A5	2000		2007.09	PFR7S8EG	-	-
	A6		3200			2007.9 -	PFR7S8EG	-	-
				1800	CYG	2015.7	PLFER7A8EG	-	-
		2000	AAE, ABK	1994.6 -	BUR6ET	BPR6EGP	BPR6EIX		
			ACE 16V	1994.6 -	BKUR7ET	-	BKR7EIX		
			ADW	1995.8 -	BUR6ET	BPR6EGP	BPR6EIX		
ALT		2001.6 -	BKUR5ET-10	BKR5EGP	BKR5EIX-11				
		2800	ABA-4FCCES	2009.1	PFR6X-11	-	-		
3000		ABA-4FCAJA	2009.1	PFR8S8EG	-	-			

BRAND	MODEL	CC	ENGINE TYPE	YEAR	OE / EQUIVALENT	G-POWER	IX
AUDI	A6	3000	ASN	2003.7 - 2005.5	BKR6EKUB	-	-
	A8	3000	BBJ	2003.7 -	BKR6EKUB	-	-
			ASN	2003.7 - 2005.5	BKR6EKUB	-	-
	Q3	2000		2012.5	PFR7S8EG	-	-
	Q5	2000		2013.2	PFR7S8EG	-	-
			TFSI (CDNA, CDNB, CDNC)	2008.9 -	PFR7S8EG	-	-
			CAEB	2010.5 -	PFR7S8EG	-	-
	Q7	3000		2010.7	PFR7S8EG	-	-
		3600	BHK	2006.8 -	ILZKR7A	-	-
		4200	BAR	2006.3 -	PFR6W-TG	-	-
	R8	4200	BYH	2007.4 -	PFR7W-TG	-	-
		5200	BUJ	2009.4 -	PFR7W-TG	-	-
	R8 SPYDER	5200		2010.1	PFR7S8EG	-	-
	RS3	2500		2015.1	SILFER8C7ES	-	-
	RS4	2700	ASJ	2000.3 - 2000.10	PFR7Q	-	BKR7EIX
	RS5	4200		2015.1	PFR7S8EG	-	-
	RS6	4200	BRV	2004.4 - 2004.9	PFR7Q	-	BKR7EIX
	RS Q3	2500		2014.11	SILFER8C7ES	-	-
	S1	2000		2014.11	PLFER7A8EG	-	-
	S3	2000		2013.11	PLFER7A8EG	-	-
	S4	2700	BITURBO (AJK)	1998.7 -	PFR7Q	-	BKR7EIX
				2015.1	PFR7S8EG	-	-
		3000	BBK	2003.3 -	BKR6EQUA	-	-
				2006.3 -	BKR6EQUA	-	-
	S5	3000		2015.1	PFR7S8EG	-	-
			2012.1	PFR8S8EG	-	-	
	S6	4200	ANK	2000.9 -	BKR6EQUA	-	-
		5200	BXA	2006.6 -	PFR6W-TG	-	-
	S8	4200	BCS	2000.9 - 2001.2	BKR6EQUA	BKR6EGP	BKR6EIX-11
			BSM	2006.6 -	PFR6W-TG	-	-
TT/TTS	1800	AMK, AMU, APP, APX	1998.7 -	PFR6Q	BKR6EGP	BKR6EIX	
		ARY, AUQ, BAM, AUM	2000.9 -	PFR6Q	BKR6EGP	BKR6EIX	
		BFV, BVP, BVR	2005.9 -	PFR6Q	BKR6EGP	BKR6EIX	
	2000	BWA	2006.8 -	PFR6Q	BKR6EGP	BKR6EIX	
		CDMA, CESA, CETA	2010.5 -	PFR7S8EG	-	-	
	3200	BHE	2003.7 -	IZKR7B	-	-	
	3200	BUB	2006.8 -	IZKR7B	-	-	

BRAND	MODEL	CC	ENGINE TYPE	YEAR	OE / EQUIVALENT	G-POWER	IX
BENTLY	ARNAGE	6700	L410MT	2002.3	BKR4EVX	-	-
	CONTINENTAL	6000	ABA-DSDWR	2003.3	PZFR6Q-11	-	-
BMW	3 SERIES		E36 (318i, 320i, 323i, 325i)	1992 - 1998	BKR6EK	BKR6EGP	BKR6EIX
			E46 (316i, 318i, 320i, 323i, 325i, 328i, 330i)	1998 - 2006	BKRE6EQUA	BKR6EGP	BKR6EIX-11
			E90 (318i, 320i)	2004.9 -	IZFR6H11	-	-
			E90 (325i, 330i)	2005.3 -	ILZFR6D11	-	-
	5 SERIES		E34 (518i, 520i, 525i, 530i)	1994.5 -	BKR6EK	BKR6EGP	BKR6EIX
			E39 (520i, 523i, 525i, 528i, 530i, 535i, 540i)	1998.8 -	BKR6EQUA	BKR6EGP	BKR6EIX-11
			E60 (520i, 525i, 530i, 545i)	2003.7 -	BKR6EQUA	BKR6EGP	BKR6EIX-11
	6 SERIES		E63, E64 (645Ci)	2004 -	BKR6EQUA	BKR6EGP	BKR6EIX-11
	7 SERIES		E38 (728i, 735i, 740i)	1998.9 -	BKR6EQUA	BKR6EGP	BKR6EIX-11
	M3	3200	E36 (S50)	1996.1 -	PKR7A	-	-
			E46 (S54 B32)	2000.11 -	DCPR8EKP	-	-
	M5	4000	E90, E92, E93 (S65 B40)	2007.3 -	LKR8AP	-	-
			E39 (S62 B50)	1998.9 - 2003.7	BKR6EQUA	BKR6EGP	BKR6EIX-11
	M5	5000	E60 (S85 B50)	2004.11 -	LKR8AP	-	-
E83 (M54 B25, M54 B30)			2004.1 -	BKR6EQUA	BKR6EGP	BKR6EIX-11	
X3	3000	E53 (M54 B30, M62 B44)	2000 -	BKR6EQUA	BKR6EGP	BKR6EIX-11	
X5	3000	E71 (N54 B30)	2008.5 -	IZFR6H11	-	-	
Z3		E36, E37 (M52, M54 B22, M52, M54 B30)	1998.9 -	BKR6EQUA	BKR6EGP	BKR6EIX-11	
Z4		M54 B25, M54 B30	2003.4 -	BKR6EQUA	BKR6EGP	BKR6EIX-11	
		E85 (N46 B 20)	2004.9 -	IZFR6H11	-	-	
		E85 (N52 B25)	2007 -	ILZFR6D11	-	-	
CHERY ALADO	EASTAR	2400		2009 -	BKR5E-11	BKR5EGP	BKR5EIX-11
	TIGGO	2000		2009 -	BKR6E-11	BKR6EGP	BKR6EIX-11
CHEVROLET	AVEO	1600	L4	2004 -	PFR6L-11	-	-
	CRUZE	1800	2H0	2009.5 -	IFR7X7G	-	-
				2004 -	BKR6E-11	BKR6EGP	BKR6EIX-11
	OPTRA	1600		2004 -	BKR6E-11	BKR6EGP	BKR6EIX-11
				2005 -	BKR6E-11	BKR6EGP	BKR6EIX-11
OPTRA 5	2000		2005 -	BKR6E-11	BKR6EGP	BKR6EIX-11	
CITREON	C2	1400	TU3JP	2003.8 -	BKR6EZ	BKR6EGP	BKR6EIX
	C3	1600	NFU	2002 -	LFR5A	LFR5AGP	LFR5AIX-11
	C4 PICASSO	2000	NFU	2007 -	LFR5B	LFR5AGP	LFR5AIX-P
			16V	2002 -	LFR5A	LFR5AGP	LFR5AIX-P
	C5	1800	16V	2002 -	LFR5A	LFR5AGP	LFR5AIX-P
			16V	2002 -	LFR5A	LFR5AGP	LFR5AIX-P
	C6	3000	V6 (ES9J4S)	2010 -	PLFR5A-11	-	-
C8	2000	16V	2002 -	LFR5A	LFR5AGP	LFR5AIX-P	



BRAND	MODEL	CC	ENGINE TYPE	YEAR	OE / EQUIVALENT	G-POWER	IX
CITREON	XSARA	1600		1997 -	BKR6EX	BKR6EGP	BKR6EIX
		1800		1997 -	BKR6EX	BKR6EGP	BKR6EIX
		2000		1997 -	BKR6EX	BKR6EGP	BKR6EIX
DAIHATSU	APPLAUSEA101, A102		HD-C		BKR6E-11	BKR6EGP	BKR6EIX-11
	ASCEND	1600			BKR6E-11	BKR6EGP	BKR6EIX-11
	CHARADE	1600	HD-E		BKR6E-11	BKR6EGP	BKR6EIX-11
	CHARADE G11		CB-22		BP5EY	BPR5EGP	BPR5EIX
	ESPRI 1000		CB202		BP5EY	BPR5EGP	BPR5EIX
FIAT	COUPE	2000	V TURBO	1997 -	BKR6ET	BPR6EGP	BPR6EIX
	DOBLO	1200		2000 -	BKR5EZ	BKR6EGP	BKR6EIX
		1600		2000 -	BKR5EZ	BKR6EGP	BKR6EIX
	MAREA	1400		1996 -	BKR6EKC	BKR6EGP	BKR6EIX
		1600		1996 -	BKR6EKC	BKR6EGP	BKR6EIX
		1800		1996 -	BKR6EKC	BKR6EGP	BKR6EIX
		2000		1996 -	BKR6EKC	BKR6EGP	BKR6EIX
	MULTIPLA	1600		2004 -	BKR6EK	BKR6EGP	BKR6EIX
	PUNTO	1300		2000	BKR6E	BKR6EGP	BKR6EIX
	STILO	1600		2001 -	BKR6EZ	BKR6EGP	BKR6EIX
		1800		2001 -	BKR6EZ	BKR6EGP	BKR6EIX
		2400		2001 -	BKR6EZ	BKR6EGP	BKR6EIX
	ULYSSE	2000	16V	1997 -	BKR6E	BKR6EGP	BKR6EIX
FORD	FIESTA	1000			BPR6EFS	-	-
		1400	-		BKR6E	BKR6EGP	BKR6EIX
		1600			BKR6E	BKR6EGP	BKR6EIX
	FOCUS	2000	ZETEC	1998 -	PTR5A-13	-	-
	MONDEO	2000		1996 - 2000.9	PTR5A-13	-	-
	RANGER	2000		1998	ZFR5F-11	ZFR5FGP	ZFR5FIX-11
HONDA	ACCORD	2000		2001 - 2005	ZFR5F-11	ZFR5FGP	ZFR5FIX-11
			Vti	2005 - 2008	ZFR6K-11	-	IZFR6K-11
			i-VTEC	2008 -	IZFR6K-11NS	-	-
				2013.7 -	SILZKR7C-11S	-	-
		2400	i-VTEC	2005 - 2008	ZFR6K-11	-	IZFR6K-11
			i-VTEC	2008 -	ILZKR7B-11S	-	-
				2013.7 -	ILKAR7K-11S	-	-
	BR-V	1500	i-VTEC	2016 -	DIFR6D13	-	-
	CITY	1300		1997.2 - 1999.11	BKR6E-11	BKR6EGP	BKR6EIX-11

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HONDA		1500	i-DSI	1997.2 - 2003.9	BKR6E-11	BKR6EGP	BKR6EIX-11
			i-VTEC	2009.7 - 2013.12	IZFR6K-13	-	-
			i-VTEC	2014 -	DIFR6D-13	-	-
	CIVIC	1500		1992 - 1995	BKR6E-11	BKR6EGP	BKR6EIX-11
			FC (Turbo)	2016 -	ILZKR8H8S	-	-
		1600		1992 - 1995	BKR6E-11	BKR6EGP	BKR6EIX-11
			i-VTEC	2005.9 - 2012.5	IZFR6K-11S	-	-
			i-VTEC	2012.5 - 2016.4	SILZKR7C-11S	-	-
		1800	i-VTEC	2016 -	SILZKR7C-11S	-	-
	i-VTEC		2006 - 2012	IZFR6K-11	-	-	
	i-VTEC		2012.5 - 2016.5	SILZKR7C-11S	-	-	
	CR-V	1500	V-TEC TURBO	2017 -	ILZKR8J8SY	-	-
		2000	16V	1996 - 2000	ZFR6F-11	ZFR6FGP	ZFR6FIX-11
			i-VTEC	2001 - 2006	ZFR6K-11	-	IZFR6K-11
			i-VTEC	2007 -	IZFR6K-11S	-	-
			i-VTEC	2013.1 - 2017.6	SILZKR7C-11S	-	-
		i-VTEC	2017 -	SILZKR7C-11S	-	-	
		2400	i-VTEC	2013 -	ILZKR7B-11S	-	-
	CR-Z	1500	i-VTEC	2010	DIFR6D13	-	-
	FREED	1500	i-VTEC	2010 -	IZFR6K-13	-	-
	HR-V	1800	VTEC SOHC	2015 -	SILZKR7C-11S	-	-
	JAZZ	1300		2002.1 - 2007.9	BKR6E-11	BKR6EGP	BKR6EIX-11
				2002 -	BKR6E-11	BKR6EGP	BKR6EIX-11
1500		i-DSI	2002 -	BKR6E-11	BKR6EGP	BKR6EIX-11	
		VTEC	2005 -	IZFR6K-13	-	-	
			2008 -	IZFR6K-13	-	-	
	2014 -	DIFR6D-13	-	-			
ODYSSEY	2400	i-VTEC	2005 -	IZFR6K-11	-	-	
STREAM	1700		2001 -	ZFR6K-11	-	IZFR6K-11	
	1800	i-VTEC	2008 -	ZFR6K-11	-	IZFR6K-11	
	2000		2001 -	ZFR6K-11	-	IZFR6K-11	
HYUNDAI	ACCENT	1500	DOHC	1994.4 - 2005.9	BKR5E-11	BKR5EGP	BKR5EIX-11
	ATOS	1000	SOHC		BKR5E-11	BKR5EGP	BKR5EIX-11
	COUPE	1800	DOHC	1996.4 - 2001.8	BKR5E-11	BKR5EGP	BKR5EIX-11
		2000	DOHC	1996.4 - 2001.8	BKR5E-11	BKR5EGP	BKR5EIX-11
	ELANTRA	1600			LZKR6B-10E	-	-
1800				SILZKR7B11	-	-	



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HYUNDAI	ELANTRA	2000	DOHC	2000.5 -	BKR5E-11	BKR5EGP	BKR5EIX-11
	GETZ	1300		2002.5 - 2005.6	BKR5E-11	BKR5EGP	BKR5EIX-11
		1600	DOHC	2005.6 -	BKR5E-11	BKR5EGP	BKR5EIX-11
	i10	1000		2010 -	LKR6D-10	-	-
		1200			BKR5E-11	BKR5EGP	BKR5EIX-11
		1300		2010 -	LKR6D-10	-	-
	i30	2000	G4FA	2007.9 -	BKR5E-11	BKR5EGP	BKR5EIX-11
	MATRIX	1500	DOHC	2001.4 -	BKR5E-11	BKR5EGP	BKR5EIX-11
		1600	DOHC	2005.5 -	BKR5E-11	BKR5EGP	BKR5EIX-11
		1800	DOHC	2001.4 -	BKR5E-11	BKR5EGP	BKR5EIX-11
	SANTA FE	2700	V6 DOHC	2005.11 -	ILFR5B11	-	-
	SONATA	2000	DOHC	1994.6 -	BPR6ES-11	BPR6EGP	BPR6EIX-11
			DOHC	2009	BKR6ES-11	BKR6EGP	BKR6EIX-11
			DOHC	2014	LFR5A-11	-	-
		2400	SOHC		BPR6ES-11	BPR6EGP	BPR6EIX-11
	STAREX	2400	SOHC		BPR6ES-11	BPR6EGP	BPR6EIX-11
	TUCSON	2000		2011 -	LFR5A-11	-	-
		2400			LFR5A-11	-	-
	VELOSTER	1600	CVVT	2011.3 -	SILZKR6B-10E	-	-
VELOSTER TURBO	1600			SILZKR7B11	-	-	
NAZA / KIA	CARENS			2004.8 -	BKR5ES-11	BKR5EGP	BKR5EIX-11
	FORTE	1600		2010 -	LZKR6B-10E	-	-
		2000		2010 -	LFR5A-11	-	-
	K5	2000	NU HEV	2011.5 -	SILZKR6B11	-	-
	OPTIMA	2000		2003 -	BKR6ES-11	BPR6EGP	BKR6EIX-11
	PICANTO	1000		2004.1 -	BKR5E-11	BKR5EGP	BKR5EIX-11
	RIO	1400		2005.6 -	BPR5ES-11	BPR5EGP	BPR5EIX-11
	SPECTRA	1600	DOHC	2003.10 -	BKR5E-11	BKR5EGP	BKR5EIX-11
	SPORTAGE	2000	DOHC 16V	1992.8 - 1997.10	BKR6E-11	BKR6EGP	BKR6EIX-11
				2004 -	BKR5E-11	BKR5EGP	BKR5EIX-11
	SURIA				BKR5E	BKR5EGP	BKR5EIX
LAMBORGHINI	GALLARDO COUPE / SPIDER / COUPE SUPERLGGERA	5000		2005.5 -	PFR7G	-	BKR7EIX
	MURCIELAGO COUPE / LP640 COUPE / ROADSTER	6500	L522	2007 -	KT8BI	-	-

BRAND	MODEL	CC	ENGINE TYPE	YEAR	OE / EQUIVALENT	G-POWER	IX
LOTUS	ELISE	1800	18K4K	1999 -	PFR6N-11	BKR6EGP	BKR6EIX-11
	EUROPA SPECIAL		TWIN CAM, S2, S1		BP7ES	-	BPR7EIX
MASERATI	3200 GT				PMR8A	-	-
	COUPE GT	4200		2002.6 - 2003.11	PMR8A	-	-
				2003.11 -	PMR8B	-	-
	QUANTTOPORTE	3200	V8 EVOLUZIONE	1992.2 - 2002	PMR8A	-	-
			-	2002.11 - 2003.11	PMR8A	-	-
				2003.12 -	PMR8B	-	-
	GRAN TOURISMO	4200		2007.1	PMR8B	-	-
	GRAN SPORT	4200		2004.9	PMR8B	-	-
	SPYDER GT	4200	-	2001.10 - 2003.11	PMR8A	-	-
-			2003.12 -	PMR8B	-	-	
MAZDA	2	1500	ZY-VE	2009.6 -	BKR5E-11	BKR5EGP	BKR5EIX-11
				2010 -	IFR5E11	-	-
			DJ	2015	ILKAR7L11	-	-
	3	1600		2003 -	BKR5E-11	BKR5EGP	BKR5EIX-11
				2009.6 -	IFR5E11	-	-
	6	2000	BM	2014	ILKAR7L11	-	-
				2010 -	ILTR5A-13G	-	-
			GJ	2012	ILKAR7L11	-	-
		2500	GJ	2012	ILKAR7L11	-	-
	8	2300		2010 -	ILTR5A-13G	-	-
	CX-3	2000		2015	ILKAR7L11	-	-
	CX-5	2000	PE-VPS	2012.2 - 2012.7	DILKAR7F8	-	-
			PE-VPS	2012.8 -	ILKAR7L11	-	-
CX-7	2300	L3-VDT	2006.12 - 2009.9	ILTR6A-8G	-	-	
		L3-VDT	2009.9 -	SILTR6A7G	-	-	
LANTIS	1600	Z6D		BKR5E-11	BKR5EGP	BKR5EIX-11	
PREMACY	1800	FP-DE	1999 -	BKR5E-11	BKR5EGP	BKR5EIX-11	
RX-8	1300	13B-MSP	2003.4 -	RE7C-L	-	-	
		13B-MSP	2003.4 -	RE9B-T	-	-	
MERCEDES BENZ	AMG C43(202)	4300	M113	1997.9 -	PFR5R-11	BKR5EGP	BKR5EIX-11
	AMG C63	6300	M156	2007.8 -	ILZKAR7A10	-	-
	AMG CL55	5500	M113	2000 -	PFR5R-11	BKR5EGP	BKR5EIX-11
	AMG CL63	6300	M156	2006.9 -	ILZKAR7A10	-	-
	AMG CLK55	5400	M113 TWIN SPARK	2002 -	IFR6D10	-	-



BRAND	MODEL	CC	ENGINE TYPE	YEAR	OE / EQUIVALENT	G-POWER	IX
MERCEDES BENZ	AMG CLK63	6300	M156	2006 -	ILZKAR7A10	-	-
	AMG CLS55(219)	5500	M113 TWIN SPARK	2005.1 -	ILFR6A	-	-
	AMG CLS63(219)	5500	M156	2006.5 -	ILZKAR7A10	-	-
	AMG E55(210)	5500	M113	1997.9 -	PFR5R-11	BKR5EGP	BKR5EIX-11
	AMG E63(211, 212)	6300	M156	2006.5 -	ILZKAR7A10	-	-
	AMG S55	5500	M113 TWIN SPARK	2002 -	ILFR6A	-	-
	AMG S65(220, 221)	6000	M275 TWIN SPARK	2003 -	IFR6Q-G	BKR6EGP	BKR6EIX
	AMG SL55(230)	5500	M113	2000 -	PFR5R-11	-	-
			TWIN SPARK	2002.6 -	ILFR6A	-	-
	AMG SL63(230)	6200	M156	2008.3 -	ILZKAR7A10	-	-
	AMG SL65(230)	6000	M275 TWIN SPARK	2004 -	IFR6Q-G	BKR6EGP	BKR6EIX
	AMG SLK55(171)	5500	M113 TWIN SPARK	2004.4 -	IFR6D10	BKR6EGP	BKR6EIX-11
	A160(168)	1600	M166	1997.10 -	BKUR6ET-10	BKR6EGP	BKR6EIX-11
	A170(169)	1700	M266	2004.9 -	BKR6EZB	BKR6EGP	BKR6EIX
	A190(168)	1900	M166	1998 -	BKUR5ET	BKR5EGP	BKR5EIX
	A200(168)	2000	M266	1998 -	BKR6EZB	BKR6EGP	BKR6EIX
	B170(245)	1700	M266	2005.4 -	BKR6EZB	BKR6EGP	BKR6EIX
	B200(245)	2000	M266	2005.4 -	BKR6EZB	BKR6EGP	BKR6EIX
	C180(203)	1800		2001 -	BKUR5ETZ-10	-	-
	C200	1800	M111	1998 -	BKUR5ETZ-10	-	-
	C220(202)	2200	M111		BK6E	BKR6EGP	BKR6EIX
	C230(202)	2300	M111	1996.9 -	BK5E	BKR5EGP	BKR5EIX
	C230(203)	2300	M272	2004.12 -	PLKR7A	-	-
	C240(203)	2400	M112	2000 -	PFR5R-11	BKR5EGP	BKR5EIX-11
	C280(202)	2800	P00P	1993.6 -	BK6E	BKR6EGP	BKR6EIX
			M112	1997.6 -	PFR5G-11	-	-
	C320(203)	3200	M112	2000.5 -	PFR5R-11	BKR5EGP	BKR5EIX-11
	CLK200	2000	M111	1997.6 -	BK5E	BKR5EGP	BKR5EIX
			271	2003.2 -	ILFR6A	-	-
	CLK320(208)	3200	V6 M112	1997.6 -	PFR5G-11	-	-
			M112 TWIN SPARK	2003.3 -	PFR5R-11	BKR5EGP	BKR5EIX-11
	E200	2000	M111	1998 -	BKUR5ETZ-10	-	-
E230	2300	M111	1998 -	BKUR5ETZ-10	-	-	
E240(210)		M112	2000.6 -	PFR5R-11	BKR5EGP	BKR5EIX-11	
E280(211)	3000	M272	2006.1 -	PLKR7A	-	-	
E320(210)	3200	M111	1995.6 -	BK5E	BKR5EGP	BKR5EIX	

BRAND	MODEL	CC	ENGINE TYPE	YEAR	OE / EQUIVALENT	G-POWER	IX	
MERCEDES BENZ			M112		PFR5G-11	-	-	
	E350(211)	3500	M272	2004.11 -	PLKR7A	-	-	
	S280	2800	M111	1998 -	BKUR5ETZ-10	-	-	
	S320L	3200	M111	1998 -	BKUR5ETZ-10	-	-	
	SLK200	1800	M271	2004.4 -	ILFR6A	-	-	
	SLK230(170)	2300	M111	2000.3 -	IFR6D10	-	-	
	SLK320(170)	3200	M112	2000.3 -	PFR5R-11	BKR5EGP	BKR5EIX-11	
MITSUBISHI	AIRTREK	2000		2001	BKR6E11	BKR6EGP	BKR6EIX-11	
				2002	PGR6A	-	-	
	ASX	1600	GA1W (4A92)	2010.6 -	DILFR5A11	-	-	
		2000	GA2W (4B11)	2010.6 -	FR6EI	-	BKR6EIX-11	
	COLT	1500	4A91	2003	ILZFR6C-11K			
		1600	4G92	1996 -	BKR6E-11	BKR6EGP	BKR6EIX-11	
	GRANDIS	2400	4G69	2004.8 -	LZFR6AI	-	-	
	LANCER	1600	4G92	1992 -	BKR6E-11	BKR6EGP	BKR6EIX-11	
			4G92 MIVEC	1996 -	BKR7EKC-N-11	-	BKR7EIX-11	
		1800		2010 -	FR6EI	-	BKR6EIX-11	
			2000		2010 -	FR6EI	-	BKR6EIX-11
	LANCER EVO IV, V, VI			2004 -	PGR7A	-	BPR7EIX	
	LANCER EVO VI		TOMMI MAKINEN EDITION		IGR7A	-	-	
	LANCER EVO X					ILKR8E6	-	-
			4B11 TURBO	2010 -	DILKR8B6	-	-	
	MIRAGE	1000	3A90	2012.8	DILFR5A11	-	-	
3A90			2015.11	DILFR5L11	-	-		
1200		3A92	2012, 2015	LZFR5BI-11	-	-		
		1300	4G13	1995.10 - 2002.8	BPR5ES-11	BPR5EGP	BPR5EIX-11	
		1600	4G92(MIVEC)	1995.10 - 2002.8	BKR7EKC-N-11	-	BPR7EIX-11	
OUTLANDER	2000	4B11	2012.1	DIFR5E11	-	-		
	2400	4G69	2003.10 - 2006.12	LZFR6AI	-	-		
		4B12	2007.6 -	FR5EI	-	BKR5EIX-11		
PAJERO	2400		1996 - 2000	BKR5E-11	BKR5EGP	BKR5EIX-11		
	3000	6G72	2009.12	DIFR6C11	-	-		
STORM	3000	V6	2001 -	PFR6J-11	-	BKR6EIX-11		
NISSAN	ALMERA	1500		2013 -	DILKAR6A11	-	-	
	ALTIMA	2000		2000 -	BCPR6ES	-	BCPR6EIX-11	
	CEFIRO	2000	24V (A32)	1997 - 2001	PFR6G-11	-	BKR6EIX-11	



BRAND	MODEL	CC	ENGINE TYPE	YEAR	OE / EQUIVALENT	G-POWER	IX
NISSAN	CEFIRO	2000	V6 24V (A33)	2001 -	PFR6G-11	-	BKR6EIX-11
		3000		1994 - 1998	PFR6G-11	-	BKR6EIX-11
			V6 24V	1998 - 2001	PFR6G-11	-	BKR6EIX-11
	FAIRLADY 350Z	3500	VQ35DE	2003 -	PLFR5A-11	-	LFR5AIX-11
	GRAND LIVINA	1600		2007 -	LZKAR6AP-11	-	-
		1800		2007 -	LZKAR6AP-11	-	-
	GT-R R35	3800	VR38DETT	2007 -	DILKAR8A8	-	-
	LATIO	1600		2007 -	LZKAR6AP-11	-	-
		1800		2007 -	LZKAR6AP-11	-	-
	LIVINA X-GEAR	1600		2011 -	LZKAR6AP-11	-	-
	MARCH	1000		2000 -	BP5EY	BPR5EGP	BPR5EIX
		1400		2004 -	PLFR6A-11	-	LFR6AIX-11
	MURANO	2500	QR25DE	2004 - 2008	LFR5A-11	LFR5AGP	LFR5AIX-11
			QR25DE	2008.9	DILKAR6A11	-	-
	NV200	1500		2016.12	DILKAR6A11	-	-
		1600		2016.12	LZKAR6AP-11	-	-
	SENTRA	1600	GA16TE		BKR5E-11	BKR5EGP	BKR5EIX-11
			QG15DE		BKR5E	BKR5EGP	BKR5EIX
			QG16DE	2001 -	BKR5E	BKR5EGP	BKR5EIX
			QD18DE	2001 -	BKR5E	BKR5EGP	BKR5EIX
	SERENA	2000	MR20DD	2012.8	DILKAR7D11H	-	-
	SILVIA	2000	S14	1996.6	PFR6B-9	-	-
		2000	S15(SR20DE)	1999.1	BKR6EY	BKR6EGP	BKR6EIX-11
SUNNY		B11		BP5ES	BPR5EGP	BPR5EIX	
SKYLINE GT-R	2500	R34 (RB26DETT)	2001 -	PFR6A-11	-	BCPR6EIX-11	
SYLPHY	2000		2008 -	LZKAR6AP-11	-	-	
TEANA	2000		2011 -	LAKAR6AP-11	-	-	
	2000	MR20DE	2013	PLZKAR6A-11D	-	-	
	2500	V6	2011 -	DF6H-11B	-	-	
X-TRAIL	2000		2001 -	LFR5A-11	LFR5AGP	LFR5AIX-11	
	2500		2001 -	LFR5A-11	LFR5AGP	LFR5AIX-11	
OPEL	ASTRA	1600	X16	1996.9 - 1998.1	BKR5EK	BKR5EGP	BKR5EIX
			X16	1998.11 - 2000.11	BKR5EK	BKR5EGP	BKR5EIX
			Z16	2000.11 - 2004.5	BKR5EK	BKR5EGP	BKR5EIX
			Z16	2004.5 -	BKR5EK	BKR5EGP	BKR5EIX
	CALIBRA	2000	C20LET	1994.3 -	BCPR6ET	BKR6EGP	BKR6EIX

BRAND	MODEL	CC	ENGINE TYPE	YEAR	OE / EQUIVALENT	G-POWER	IX	
OPEL	CALIBRA	2000	X20XE	1994.1 -	BKR5EK	BKR5EGP	BKR5EIX	
	VECTRA	1800	X18XE	1996.2 - 1999.11	BKR5EK	BKR5EGP	BKR5EIX	
			X18XE	1999.11 - 2001.3	BKR5EK	BKR5EGP	BKR5EIX	
			Z18	2001.3 -	BKR5EK	BKR5EGP	BKR5EIX	
		2000	X20XE	1996.2 - 1999.11	BKR5EK	BKR5EGP	BKR5EIX	
			X20XE	1999.11 -	BKR5EK	BKR5EGP	BKR5EIX	
ZAFIRA	1800	X181	2000.2 - 2000.11	BKR5EK	BKR5EGP	BKR5EIX		
PERODUA	ALZA	1500	3SZ-VE	2010.1 -	DCPR7EA-9	DCPR7EGP	DCPR7EIX	
			1KR-DE2	2014, 2015	LKR6C	-	LKR6AIX	
	BEZZA	1000	1KR-DE2	2016	LKR6C	-	LKR6AIX	
			1NR-VE	2016	DF6H-11B	-	-	
	KANCIL	660		1998.10 - 2003.2	BP5ES	BPR5EGP	BPR5EIX	
				2003.3 - 2009.7	BP5ES	BPR5EGP	BPR5EIX	
			800		1994.8 - 2008.7	BP6EY	BPR6EGP	BPR6EIX
					2002.1 - 2009.7	BP6EY	-	BPR6EIX
	KELISA	850	ED-DE	2001.8 - 2007.6	BKR5E-11	BKR5EGP	BKR5EIX-11	
		1000	EJ-DE	2004.5 - 2007.6	BKR5E-11	BKR5EGP	BKR5EIX-11	
	KEMBARA	1300		1998 - 2003	BKUR6EK	BKR5EGP	BKR6EIX-11	
			DVVT	2003 -	BKR6EY	BKR6EGP	BKR6EIX-11	
	KENARI	1000	EJ-DE	2000.10 - 2009.12	BKR5E-11	BKR5EGP	BKR5EIX-11	
	MYVI	1000	EJ-VE	2005.5 - 2011.6	BKR5E-11	BKR5EGP	BKR5EIX-11	
EJ-VE			2006.1 - 2013.6	BKR5E-11	BKR5EGP	BKR5EIX-11		
1300		K3-VE	2005, 2006	BKR6E-11	BKR6EGP	BKR6EIX-11		
		K3-VE	2007, 2015	DCPR7EA-9	DCPR7EGP	DCPR7EIX		
VIVA	1500	3SZ-VE	2011, 2015	DCPR7EA-9	DCPR7EGP	DCPR7EIX		
	1000	EJ-VE	2007.7 -	BKR5E-11	BKR5EGP	BKR5EIX-11		
	850	ED-VE	2007.7 -	BKR5E-11	BKR5EGP	BKR5EIX-11		
PEUGEOT	206	1400	TU3JP	1998.11 -	BKR6EK	BKR6EGP	BKR6EIX	
		1600	TU5JP	1998.11 -	BKR6EK	BKR6EGP	BKR6EIX	
	208	1600		2015	PLZKBR7B8DG	-	-	
	306	1800		1997 - 2003	BKR5EK	BKR5EGP	BKR5EIX	
	307	1600		1993 - 2003	BKR6EK	BKR6EGP	BKR6EIX	
	308	1200		2014.11	LZKR6AI-10G	-	-	
	406	2000	XU7.JP	1996 -	BKR5EK	BKR5EGP	BKR5EIX	



BRAND	MODEL	CC	ENGINE TYPE	YEAR	OE / EQUIVALENT	G-POWER	IX
PEUGEOT	407	2000		2004.2 -	LFR5AIX-11	-	-
	508	1600		2011.7	PLZKBR7B8DG	-	-
	3008	1600	EP6, EP6DT	2009.5 -	PLZKBR7B8DG	-	-
	5008	1600	EP6	2009.11 -	PLZKBR7B8DG	-	-
	RCZ	1600	EP6CDTX	2009.11 -	ILZKBR7B8DG	-	-
PORSCHE	911	3800		1995.8 -	BKR6EK	BKR6EGP	BKR6EIX
	911 CARRERA/S (996, 997)	3600		2001 -	BKR7EQU	-	BKR7EIX-11
	911 TURBO	3600	-	1993.3 -	BKR6EK	BKR6EGP	BKR6EIX
	911 TURBO(996)	3600	M96.70	2001 - 2006	BCPR7ET	-	-
	BOXTER (986)	2700	M96.22, M96.23	2002.7 -	BKR6EQU	BKR6EGP	BKR6EIX-11
	BOXTER (987)	2700	M96.25	2004.12 -	BKR7EQU	-	BKR7EIX-11
	CAYENNE (955)	3200	M02.2Y BFD	2003.10 -	IZKR7B	-	-
	CAYENNE S (955)	4500	M48.00	2002.10 -	BKR6EQU	BKR6EGP	BKR6EIX-11
	CAYENNE TURBO (955)	4500	M48.50	2002.10 -	PFR7Q	-	-
	CAYMAN	2700	M97.20	2006.9 -	BKR7EQU	-	BKR7EIX-11
	PROTON	EXORA	1600		2009.4 -	BPR6EF-11	TR6GP
CFE				ILKAR7G7		-	-
GEN 2		1600		2003.12 -	BPR6EF-11	TR6GP	TR6IX
IRIZ		1300		2014.9 -	LKAR7C-9	-	-
					LKAR7C-9	-	-
ISWARA		1300		1991.10 - 1993.9	BP5ES	BPR5EGP	BPR5EIX
				1992.10 - 1996.6	BP5ES	BPR5EGP	BPR5EIX
		1500		1991.1 - 1993.9	BP5ES	BPR5EGP	BPR5EIX
				1995.11 - 2002.12	BP5ES	BPR5EGP	BPR5EIX
PERDANA		2000		1995.10 - 1999.8	BKR6E-11	BKR6EGP	BKR6EIX-11
				1999.9 - 2013.5	PFR6J-11	BKR6EGP	BKR6EIX-11
				2013	SILZKR7C-11S	-	-
		2400		2013	ILZKR7B-11S	-	-
PERSONA		1600	NFE	2016	LKAR7C-9	-	-
PREVE		1600		2009 -	BPR6EF-11	TR6GP	TR6IX
			2012.1 -	BPR6EF-11	TR6GP	TR6IX	
	CFE		2012 -	ILKAR7G7	-	-	
PUTRA	1800		1995.3 - 2000.12	BK5E	BKR5EGP	BKR5EIX	
SAGA	1300		1985.4 - 1991.6	BP5ES	BPR5EGP	BPR5EIX	
			1992.8 - 2007.12	BPR6EF-11	TR6GP	TR6IX	
			2008.1 - 2014.11	BPR6EF-11	TR6GP	TR6IX	

BRAND	MODEL	CC	ENGINE TYPE	YEAR	OE / EQUIVALENT	G-POWER	IX	
PROTON	SAGA	1500	NFE	2016	LKAR7C-9	-	-	
				1985.4 - 1991.6	BP5ES	BPR5EGP	BPR5EIX	
				1991.01 - 1996.6	BP5ES	BPR5EGP	BPR5EIX	
				2007.12 - 2007.12	BPR6EF-11	TR6GP	TR6IX	
		1600	CAMPRO ENGINE / CPS	2006 -	BPR6EF-11	TR6GP	TR6IX	
	SATRIA	1300		1997.7 - 2000.7	BP5ES	BPR5EGP	BPR5EIX	
				2000.8 - 2006.5	BP5ES	BPR5EGP	BPR5EIX	
		1600		1997.7 - 2000.7	BK5E	BKR5EGP	BKR5EIX	
	SAVVY	1200	D4F-L4	2005.5 - 2011.3	LZKAR7A	-	-	
	SUPRIMA	1600	CFE	2011 -	ILKAR7G7	-	-	
	WAJA	1600		1999 - 2006	BKR6E-11	BKR6EGP	BKR6EIX-11	
				2006 -	BPR6EF-11	TR6GP	TR6IX	
		1800		2001 -	BK6E-11	BKR6EGP	BKR6EIX-11	
	WIRA	1300		2005.10 - 2006.12	BP5ES-11	BPR5EGP	BPR5EIX-11	
				2005.10 - 2006.12	BP5ES-11	BPR5EGP	BPR5EIX-11	
1600			1995.12 - 2005.9	BK5E	BKR5EGP	BKR5EIX		
			2000.8 - 2002.2	BK6E-11	BKR6EGP	BKR6EIX-11		
	1800		2000.8 - 2001.12	BK6E-11	BKR6EGP	BKR6EIX-11		
RENAULT	CLIO	1400			BK5E	BKR5EGP	BKR5EIX	
	KANGOO	1600	K7M	2001 -	BKR5EK	BKR5EGP	BKR5EIX	
			16V	1998.5 -	BKR5EK	BKR5EGP	BKR5EIX	
	LAGUNA	1800	16V	1998.5 -	BKR5EK	BKR5EGP	BKR5EIX	
			16V	1999.3 -	BKR5EK	BKR5EGP	BKR5EIX	
	MEGANE	1600		2003 -	BKR6EZ	BKR6EGP	BKR6EIX	
				2000	16V	BKR6EK	BKR6EGP	BKR6EIX
					BKR6EZ	BKR6EGP	BKR6EIX	
	2000	F4R	2014	PFR7Z-TG	-	-		
SCENIC	2000	16V	2006 -	BKR6E	BKR6EGP	BKR6EIX		
ROLLS ROYCE	PARK WARD	5400	V12 BMW	2000.10 -	BKR6EQU	BKR6EGP	BKR6EIX-11	
	PHANTOM	6800		2012.3	IFR6AE11S	-	-	
	PHANTOM COUPE	6700		2008	BKR6EQU			
	PHANTOM DROPHEAD COUPE	6700		2007.5	BKR6EQU	-	-	
	SILVER SERAPH	5400	-		BKR6EQU	BKR6EGP	BKR6EIX-11	
ROVER	ROVER 75	1800	K-SERIES	1998 -	PFR6N-11	-	-	
		2000	KB6	1998 -	PFR6N-11	-	-	
		2500	KV6	1998 -	PFR6N-11	-	-	



BRAND	MODEL	CC	ENGINE TYPE	YEAR	OE / EQUIVALENT	G-POWER	IX
SSANGYONG	CHAIRMAN	2300	DOHC	1997.10 -	BKR5E-11	BKR5EGP	BKR5EIX-11
		2800	DOHC	1997.10 - 2003.7	BKR5E-11	BKR5EGP	BKR5EIX-11
			DOHC	2003.8 -	BKUR5ETZ-10	-	-
		3200	DOHC	1997.10 - 2003.7	BKR5E-11	BKR5EGP	BKR5EIX-11
			DOHC	2003.8 -	BKUR5ETZ-10	-	-
REXTON RX 320S				BK6E-11	BKR6EGP	BKR6EIX-11	
SUBARU	E10				BP5ES	BPR5EGP	BPR5EIX
	FORESTER	2000	MFI		BKR6E	BKR6EGP	BKR6EIX
			MFI CATALYZER		BKR6E-11	BKR6EGP	BKR6EIX-11
			TURBO	2001 -	PFR6G	BKR6EGP	BKR6EIX
			EJ204	2008.1 -	SILFR6A-11	-	-
	2500	MFI		PFR5B-11	BKR5EGP	BKR5EIX-11	
		E251/6 DOHC	2001 -	BKR6E-11	BKR6EGP	BKR6EIX-11	
	IMPREZA	2000	MFI		BKR6E	BKR6EGP	BKR6EIX
			MFI CATALYZER		BKR6E-11	BKR6EGP	BKR6EIX-11
			EJ20 TURBO	1996 -	PFR6G	BKR6EGP	BKR6EIX
			EJ20 TURBO	1997 - 2000	PFR6B	BKR6EGP	BKR6EIX
			EJ20	2001 -	PFR6G	BKR6EGP	BKR6EIX
			EJ204	2008.1 -	SILFR6A-11	-	-
			FB20	2011.12	SILZKAR7B11	-	-
			FB20	2016.10	DILKAR67B8	-	-
	2200	EJ22 DOHC	2001 -	BKR6E-11	BKR6EGP	BKR6EIX-11	
		2500	EJ25 DOHC	2001 -	BKR6E-11	BKR6EGP	BKR6EIX-11
			LEGACY	1800		BKR6E-11	BKR6EGP
	2000				BKR6E-11	BKR6EGP	BKR6EIX-11
		2200			BKR6E-11	BKR6EGP	BKR6EIX-11
XV	2000	FB20	2012.10	SILZKAR7B11	-	-	
SUZUKI	ALTO	1000		2011-	BPR5E	BPR5EGP	BPR5EIX
	KIZASHI	2400		2009-	SILFR6A-11	-	-
	SWIFT	1500		2004 -	BKR6E-11	BKR6EGP	BKR6EIX-11
		1600		2010 -	BKR6EIX-11	-	-
	SX4	1600		2012 -	LFR5A-11	-	LFR5AIX-11
VITARA	1600i	SE4	1997 - 2002	BKR6E-11	BKR6EGP	BKR6EIX-11	
	2000i	GLX	1997 - 2002	BP5ES	BPR5EGP	BPR5EIX	
TOYOTA	ALPHARD	2400		2002 - 2008	BKR6EYA-11	BKR6EGP	BKR6EIX-11
		3000		2002 - 2008	IFR6A-11	BKR6EGP	BKR6EIX-11
		3500		2015.1	DIFR6D11	-	-

BRAND	MODEL	CC	ENGINE TYPE	YEAR	OE / EQUIVALENT	G-POWER	IX
TOYOTA	ALTIS	1600		2003 -	BKR5EYA-11	BKR5EGP	BKR5EIX-11
		1800		2003 -	BKR5EYA-11	BKR5EGP	BKR5EIX-11
				2008	BKR5EYA-12	BKR5EGP	BKR5EIX-12
		2000	3ZR-FE	2013	LKAR7B-11	-	-
	AVANZA	1300	K3-VE	2002.9 - 2011.10	BKR6E-11	BKR6EGP	BKR6EIX-11
			K3-VE	2011.11 -	DCPR7EA-9	DCPR7EAGP	DCPR7EIX
		1500		2006 -	DCPR7EA-9	DCPR7EAGP	DCPR7EIX
	3SZ-VE	2011.11 -	DCPR7EA-9	DCPR7EAGP	DCPR7EIX		
		CALDINA	2000	3S-GTE		BKR6EIX	-
	3S-GE		BKR6EIX	-	-		
	CAMRY	2000	3S-FE		BCPR6EY-11	-	BCPR6EIX-11
			2S-C		BPR5EY	BPR5EGP	BPR5EIX
			2S-E		BPR5EY-11	BPR5EGP	BPR5EIX-11
			2S-EC		BPR5EY	BPR5EGP	BPR5EIX
			1AZ-FE	2002 -	IFR6T11	-	-
	2200	5S-FE	1999 -	BKR6EKPB-11	BKR6EGP	BKR6EIX-11	
	2400	2AZ-FE	2002 -	IFR6T11	-	-	
		1AZ-FE	2006 -	ILFR6D-11	-	-	
		CAMRY HYBRID	2500	2AR-FXE	2015 -	DF5B-8A	-
	CELICA	2000	3S-GE	1994 -	BKR6EYA	BKR6EGP	BKR6EIX
3S-GE			1995 - 1996	BKR6EP-8	BKR6EGP	BKR6EIX	
3S-GE			1997 - 1998	BKR6EYA	BKR6EGP	BKR6EIX	
3S-GE			1999 -	BKR6EP-8	BKR6EGP	BKR6EIX	
3S-GTE			1990 - 1996	BKR6EP-8	BKR6EGP	BKR6EIX	
COROLLA	1300	4A-FE		BKR6EYA	BKR6EGP	BKR6EIX	
		2E	1993 - 1996	BPR5EY-11	BPR5EGP	BPR5EIX-11	
	1600	4A-FE	1996 -	BKR6EYA	BKR6EGP	BKR6EIX	
4A-FE	1996 - 1998	BKR6EYA	BKR6EGP	BKR6EIX			
ESTIMA	2400	2AZ-FE	2006 -	IFR6T11	-	-	
		2AZ-FE	2012.5	IFR5A11	-	-	
	3500	2GR-FE	2006 -	DILFR6D11	-	-	
HARRIER	2000	3ZR-FAE	2013.11	ILKAR7B11	-	-	
	2200		1998 - 2003	BKR6EKPB-11	BKR6EGP	BKR6EIX-11	
	2400		1998 -	IFR6T11	-	-	
	3000		1998 -	IFR6T11	-	-	
HIACE	2000	1RZ	2004 -	BPR5EY	BPR5EGP	BPR5EIX	
HI-LUX	2000	1RZ	1986 -	BPR5EY	BPR5EGP	BPR5EIX	



BRAND	MODEL	CC	ENGINE TYPE	YEAR	OE / EQUIVALENT	G-POWER	IX	
TOYOTA	HI-LUX		3Y	1986 -	BPR5EY	BPR5EGP	BPR5EIX	
	INNOVA	2000		2005 -	LFR6C-11	-	-	
	IQ	1300	1NR-FE	2009.8	ILKAR7B11	-	-	
	LAND CRUISER	2400	J7	1988 - 1996	BP5ES	BPR5EGP	BPR5EIX	
	LAND CRUISER PRADO	2700	3RZ-FE			BKR5EYA	BKR5EGP	BKR5EIX
		3400	24V	1996 -	BKR5EKB-11	BKR5EGP	BKR5EIX-11	
	LITE ACE	1500	5K	1983 - 1992	BPR5EY	BPR5EGP	BPR5EIX	
		1800	2YC	1983 - 1992	BPR5EY	BPR5EGP	BPR5EIX	
	PRIUS	1500	1NZ-FXE	2001 -	IFR5T11	-	-	
		1800	2ZR-FXE	2009.6 -	ILKAR7B11	-	-	
	PRIUS C	1500	1NZ-FXE	2011 -	IFR5T11	BKR5EGP	BKR5EIX-11	
	RAV4	2000	16V	1994 - 2000	BKR6EYA-11	BKR6EGP	BKR6EIX-11	
	RUSH	1500	3SZ-VE	2008 -	DCPR7EA-9	DCPR7EAGP	DCPR7EIX	
	UNSER	1800		1999	BPR5EY-11	BPR5EGP	BPR5EIX-11	
	VELLFIRE	2400		2009 -	IFR6T11	-	-	
		3500	2GR-FE	2009 -	DILFR6D11	-	-	
			2GR-FE	2015.1	DILFR6D11	-	-	
	VIOS	1500	1NZ-FE	2004 -	BKR5EYA	BKR5EGP	BKR5EIX	
	WISH	1800	1ZZ-FE	2002 -	BKR5EYA-11	BKR5EGP	BKR5EIX-11	
		2000		2006 -	IFR6A-11	BKR6EGP	BKR6EIX-11	
YARIS	1500	1NZ-FE	2000 - 2002	BKR5EYA-11	BKR5EGP	BKR5EIX-11		
VOLKSWAGEN	CC	1800	CDA	2012.7	PFR7S8EG	-	-	
	D-VAN	1600		1970	BP6HS	-	BPR6HIX	
	GOFT	1400	CUK	2015.9	PZKER7A8EGS	-	-	
		1800	TSI (CDA)	2009.6 -	PFR7S8EG	-	-	
		2000	TSI (CDLF)	2009.11 -	PFR7S8EG	-	-	
	GOLF GTI	2000	ABF	1992.10 -	BK7EJU	-	-	
	JETTA	1400	TSI			-	-	
	NEW BETTLE	1600	BFS	2007.9 -	BKUR6ET-10	BKR6EGP	BKR6EIX-11	
		2000	AQYAQY	1999.8 - 2002.8	BKUR6ET-10	BKR6EGP	BKR6EIX-11	
	PASSAT	2000	TSI (TYP 3C) CCZA	2009.11 -	PFR7S8EG	-	-	
	POLO	1200		2014.8	PZKER7A8EGS	-	-	
		1600	AFT	1996.5 -	BKUR6ET-10	BKR6EGP	BKR6EIX-11	
	POLO GTI	1600	AFT	1999.10 -	BKUR6ET-10	BKR6EGP	BKR6EIX-11	
			AJV	1998.8 -	BKUR6ET-10	BKR6EGP	BKR6EIX-11	
			ARC	1999.10 -	BKUR6ET-10	BKR6EGP	BKR6EIX-11	

BRAND	MODEL	CC	ENGINE TYPE	YEAR	OE / EQUIVALENT	G-POWER	IX
VOLKSWAGEN	SCIROCCO	2000	TSI (CAXD)	2010	PFR7S8EG	-	-
			TSI (CAXA)	2010	PFR7S8EG	-	-
	TIGUAN	1400	TSI (CAVA)	2008.3 -	PZFR6R	-	-
		2000	CCZ	2010.9	PFR7S8EG	-	-
	TOUAREG	3600	FSI	2005.10 -	ILZKR7A	-	-
VOLVO	850	2500	GLE	1992 - 1997	BKR6E	BKR6EGP	BKR6EIX
	940	2300	B230	1990.9 -	BPR6ES	BPR6EGP	BPR6EIX
	S40	2500		2010	ILFR6B	-	-
	S40 TURBO	2000		2001 -	PFR6G	BKR6EGP	BKR6EIX
	S80 T6	2800	B6294T6	2001 -	PFR6G	BKR6EGP	BKR6EIX
	S80 TURBO	2000	B5204T5	2001 -	PFR6G	BKR6EGP	BKR6EIX
	V40 TURBO	2000		2001 -	PFR6G	BKR6EGP	BKR6EIX
	V60	1600		2011.6	ILZTR6A8G	-	-
	XC90	2500	B5254T2	2004 -	PFR6G	BKR6EGP	BKR6EIX
	XC90 T6	2900	B6294T6	2004 -	PFR6G	BKR6EGP	BKR6EIX



aprilia
bkz
bmw
cagiva
comel/jrd
daiichi
ducati
demak
honda
kawasaki
ktm
lexur
modenas
moto-guzzi
m.z
nitro
nimota
naza bikes
star
suzuki
sym
vespa
yamaha

2 WHEELER



BRAND	MODEL	CC	STANDARD	G-POWER	IX
APRILIA	ETV CAPO NORD	1000	DCPR9E	-	DCPR9EIX
	MOTO 6.5	650	D8EA	-	DR8EIX
	MX 50	50	B9ES / B9EVX	-	BR9EIX
	PEGASO 650	650	D8EA	-	DR8EIX
	RALLY 50	50	BR8ES	BR8EGP	BR8EIX
	RS 125	125	BR9ES / B9EVX	-	BR9EIX
	RST FUTURA	1000	DCPR9E	-	DCPR9EIX
	RSV1000R	1000	DCPR9E	-	DCPR9EIX
	RSV4R	1000	CR9EKB	-	-
	RX 125	125	BR9ES / B9EVX	-	BR9EIX
	RX 250	250	B10EG / B10EGV	-	BR10EIX
	SR 50	50	BR8ES	BR8EGP	BR8EIX
	SR 50 (STREET)	50	B9ES / B9EVX	-	BR9EIX
	TOUNO 1000R	1000	DCPR9E	-	DCPR9EIX
	TUAREG RALLY 250	250	BR9ES / B9EVX	-	BR9EIX
	BKZ	RR110	110	C6HSA	CR6HGP
RR110Z		110	C6HSA	CR6HGP	CR6HIX
TT160		160	CR8E	CR8EGP	CR8EIX
BMW	F650	650	D8EA / DR8EVX	-	DR8EIX
	F650 GS	650	D8EA / DR8EVX	-	DR8EIX
	GS100	980	BP6ES	BPR6EGP	BPR6EIX
	GS80	80	BP6ES	BPR6EGP	BPR6EIX
	HP4	1000	LMAR9D-J	-	-
	K100	1000	D7EA / D7EVX	-	DR7EIX
	K100 RS	1000	D7EA / D7EVX	-	DR7EIX
	K100 RT	1000	D7EA / D7EVX	-	DR7EIX
	K1200 GT	1200	DCPR7E	DCPR7EGP	DCPR7EIX
	K75 C	750	D7EA / D7EVX	-	DR7EIX
	K75 S	750	D7EA / D7EVX	-	DR7EIX
	R1100GS	1100	BCP7ET	-	BCPR7EIX
	R1100R	1100	BCP7ET	-	BCPR7EIX
	R1100RS	1100	BCP7ET	-	BCPR7EIX
	R80/7	800	BP6ES	BPR6EGP	BPR6EIX
	R80G	800	BP6ES	BPR6EGP	BPR6EIX
R80S	800	BP6ES	BPR6EGP	BPR6EIX	
S1000RR	1000	LMAR9D-J	-	-	

BRAND	MODEL	CC	STANDARD	G-POWER	IX	
CAGIVA	125	125	B9ES / B9EGV	-	BR9EIX	
	CITY	50	BP8HS	BPR8HGP	BPR8HIX	
	ELEFANT 750	750	DPR9EA-9	-	DPR9EIX-9	
	ELEFANT 900	900	DPR9EA-9	-	DPR9EIX-9	
	MITO 125	125	B9ES / B9EGV	-	BR9EIX	
	MITO SP125	125	B9ES / B9EGV	-	BR9EIX	
	RAPTOR	650	CR8EK	CR8EGP	CR8EIX	
	RAPTOR 650	650	CR8E	CR8EGP	CR8EIX	
	SCOOTER (D)	50	BP8HS	BPR8HGP	BPR8HIX	
	SS250	250	B8ES / B8EVX	BR8EGP	BR8EIX	
	SST250	250	B8ES / B8EVX	BR8EGP	BR8EIX	
	SX250	250	B8ES / B8EVX	BR8EGP	BR8EIX	
	SXT250	250	B8ES / B8EVX	BR8EGP	BR8EIX	
	V-RAPTOR	650	CR8E	CR8EGP	CR8EIX	
	X-TRA V-RAPTOR	1000	CR8EK	CR8EGP	CR8EIX	
	COMEL / JRD	120 SPORT	120	C6HSA	CR6HGP	CR6HIX
		ADMIRAL RD-150R	150	C6HSA	CR6HGP	CR6HIX
		CYCLONE 150	150	C6HSA	CR6HGP	CR6HIX
		HARIMAU 150	150	C6HSA	CR6HGP	CR6HIX
		MANJA 110	110	C6HSA	CR6HGP	CR6HIX
MANJA 125		125	C6HSA	CR6HGP	CR6HIX	
MANJA GS5		125	C6HSA	CR6HGP	CR6HIX	
MANJA II		125	C6HSA	CR6HGP	CR6HIX	
MANJA III		125	C6HSA	CR6HGP	CR6HIX	
MONYET 70		70	C6HSA	CR6HGP	CR6HIX	
QUEST 125R		125	C6HSA	CR6HGP	CR6HIX	
RAINBOW RB 125		125	C6HSA	CR6HGP	CR6HIX	
RC 125		125	C6HSA	CR6HGP	CR6HIX	
SNOW 125R		125	C6HSA	CR6HGP	CR6HIX	
STORM 125Z		125	C6HSA	CR6HGP	CR6HIX	
SUMMER 70		70	C6HSA	CR6HGP	CR6HIX	
TRAVELLER 150	150	C6HSA	CR6HGP	CR6HIX		
TURBULENCE 125	125	C6HSA	CR6HGP	CR6HIX		
DAIICHI	FORMULA X125	125	C6HSA	CR6HGP	CR6HIX	



BRAND	MODEL	CC	STANDARD	G-POWER	IX
DUCATI	618	700	-	-	DCR8EIX
	695	700	-	-	DCR8EIX
	748	748	-	-	DCR9EIX
	750	750	-	-	DCR8EIX
	848	849	-	-	MAR10A-J
	888	888	-	-	DCR9EIX
	904	1000	-	-	DCR8EIX
	916	916	-	-	DCR9EIX
	989	1000	-	-	MAR10A-J
	992	1000	-	-	DCR8EIX
	996	1000	-	-	DCR9EIX
	1078	1100	-	-	DCR8EIX
	1098	1100	-	-	MAR10A-J
	1099	1100	-	-	MAR10A-J
	DESMONSEDICI	1000	MAR10A-J	-	-
	DIAVEL	1200	MAR9A-J	-	-
	GT1000	1000	MAR10A-J	-	-
	HYPERMOTARD	1100	DCPR8E	-	DCPR8EIX
	HYPERMOTARD 796	800	DCPR8E	-	DCPR8EIX
	MONSTER 696	700	DCPR8E	-	DCPR8EIX
	MONSTER 796	800	DCPR8E	-	DCPR8EIX
	MONSTER1100 S/EVO	1100	DCPR8E	-	DCPR8EIX
	MULTISTRADA 1200S	1200	MAR9A-J	-	-
	MULTISTRADA TWIN SPARK	1200	MAR10A-J	-	-
	PANIGALE	1200	MAR9A-J	-	-
	SCRAMBLER	800	DCPR8E	-	DCPR8EIX
	SPORT 1000S	1000	DCPR8E	-	DCPR8EIX
	STREETFIGHTER 848	850	DCPR8E	-	DCPR8EIX
	STREETFIGHTER S	1100	MAR10A-J	-	-
	DEMAK	ALL SCOOTER SERIES	110	C6HSA	CR6HGP
MATRIX 110		110	C6HSA	CR6HGP	CR6HIX
SMART 110		110	C6HSA	CR6HGP	CR6HIX
SMART-R 125		125	C6HSA	CR6HGP	CR6HIX
SPARKS 100		100	C6HSA	CR6HGP	CR6HIX

BRAND	MODEL	CC	STANDARD	G-POWER	IX
HONDA	AIRBLADE	125	CPR7EA-9	CPR7EAGP-9	-
	C70	70	C6HSA / C7HSA	CR7HGP	CR7HIX
	C80	90	C6HSA / C7HSA	CR7HGP	CR7HIX
	C90	90	C6HSA / C7HSA	CR7HGP	CR7HIX
	CB 100	100	D7EA	-	DR7EIX
	CB 400SF	400	CR8EH-9	-	CR8EHIX-9
	CB 500X	500	CPR8EA-9	CPR8EAGP-9	CPR8EAIX-9
	CBR 1000RR	1000	-	-	IMR9E-9HES
	CBR 150R	150	CR8E	CR8EGP	CR8EIX
	CBR 250R	250	SIMR8A9	-	-
	CBR 400RR	400	CR8EH-9	-	CR8EHIX-9
	CBR 500F	500	CPR8EA-9	CPR8EAGP-9	CPR8EAIX-9
	CBR 500RR	500	CPR8EA-9	CPR8EAGP-9	CPR8EAIX-9
	CBR 600RR	600	-	-	IMR9C-9H
	CLICK 110	110	CR7EH-9	-	-
	CRF 250	250	SIMR8A9	-	-
	DREAM	100	C6HSA / C7HSA	CR7HGP	CR7HIX
	EX5	100	C6HSA / C7HSA	CR7HGP	CR7HIX
	EX5 Fi (NEW)	110	CR6HSA / CR7HSA	CR7HGP	CR7HIX
	EX5 CLASS	100	C6HSA / C7HSA	CR7HGP	CR7HIX
	EX5 CLASS 1	100	C6HSA / C7HSA	CR7HGP	CR7HIX
	FAME	90	C6HSA / C7HSA	CR7HGP	CR7HIX
	FUTURE	125	CPR6EA-9S	CPR6EAGP-9	-
	GL 100	100	D7EA	-	DR7EIX
	GL 125	125	D7EA	-	DR7EIX
	GL 145	145	D7EA	-	DR7EIX
	GOLD WING 1200GL	1200	DPR7EA-9	-	DPR7EIX-9
	GOLD WING 1500GL	1500	DPR7EA-9	-	DPR7EIX-9
	HURRICANE	600	B6ES	-	-
	ICON	110	CPR8EA-9	CPR8EAGP-9	CPR8EAIX-9
	INTEGRA700	700	IFR6G-11K	-	-
	NC 700	700	IFR6G-11K	-	-
	NSR 150R	150	B8ES	BR8EGP	BR8EIX
	NX 105	105	BP6ES	BPR6EGP	BPR6EIX
	PCX150	150	CPR7EA-9	CPR7EAGP-9	-
	RAIDER	150	B8ES	BR8EGP	BR8EIX
RS150	150	MR9C-9N	CPR9EAGP-9	CPR9EAIX-9	



BRAND	MODEL	CC	STANDARD	G-POWER	IX
HONDA	SPACY	110	CPR8EA-9	CPR8EAGP-9	CPR8EAIX-9
	WAVE 100	100	C6HSA / C7HSA	CR7HGP	CR7HIX
	WAVE 110	110	CPR6EA-9S	CPR6EAGP-9	-
	WAVE 125	125	CPR6EA-9	CPR6EAGP-9	-
	WAVE ALPHA	110	CPR6EA-9	CPR6EAGP-9	CPR6EAIX-9
	WAVE DASH (REPSOL)	110	CPR6EA-9S	CPR6EAGP-9	-
	WAVE DASH 110	110	CPR6EA-9S	CPR6EAGP-9	-
KAWASAKI	AN90 (HONEY)	90	C6HSA	CR6HGP	CR6HIX
	AXM 100	100	C6HSA	CR6HGP	CR6HIX
	D-TRACKER	125	CR8E	CR8EGP	CR8EIX
	ELIMINATOR 250	250	CR8HSA	-	CR8HIX
	ER-6N/F	600	CR9EIA-9	-	-
	H2	1000	SILMAE9B9	-	-
	K115	115	BP7HS	BPR7HGP	BPR7HIX
	K-I SPORT	115	BP7HS	BPR7HGP	BPR7HIX
	KLX 110	110	CR6HSA	CR6HGP	CR6HIX
	KLX 250	250	CR8E	CR8EGP	CR8EIX
	KR 150	150	BP8ES	BR8EGP	BR8EIX
	KRR 150	150	BP8ES	BR8EGP	BR8EIX
	KRX 150	150	B9ES	-	BR9EIX
	KRZ 150	150	B9ES	-	BR9EIX
	KSR 110	100	CR6HSA	CR6HGP	CR6HIX
	NINJA 250R	250	CR8E	CR8EGP	CR8EIX
	NINJA RR ZX 150	150	BR9ECS	-	BR9EIX
	RR 100 NINJA/VICTOR	100	BP8ES	BR8EGP	BR8EIX
	SERPICO 150	150	B9ES	-	BR9EIX
	VERSYS	600	CR9EIA-9	-	-
	VULCAN 1500	1500	DPR7EA-9	-	DPR7EIX-9
	VULCAN 500	500	D9EA	-	DR9EIX
	VULCAN 800	800	CR7E	-	CR7EIX
	Z1000	1000	CR9EIA-9	-	-
Z-750	750	CR9E / CR9EK	-	CR9EIX	
ZX-10R	1000	CR9EIA-9	-	-	
ZX-4	400	CR9E / CR9EK	-	CR9EIX	
ZX-6R	600	CR9E / CR9EK	-	CR9EIX	
ZX-7R	700	CR9E / CR9EK	-	CR9EIX	

BRAND	MODEL	CC	STANDARD	G-POWER	IX
KAWASAKI	ZX-9R	900	CR9E / CR9EK	-	CR9EIX
	ZXR 250	250	CR9E	-	CR9EIX
	ZZR 1100	1100	CR9E	-	CR9EIX
	ZZ-R1400	400	CR9EIA-9	-	-
	ZZ-R250	250	CR8HSA	-	CR8HIX
KTM	DUKE 1290	1290	LKAR9B19 + LMAR7A-9	-	-
	DUKE 200	200	LKAR8A-9	-	LKAR8AI-9
	DUKE 390	390	LKAR8A-9	-	LKAR8AI-9
	DUKE 690	690	LKAR8AI-9	-	-
	DUKE 990	990	LKAR8BI9	-	-
	RC8R1190	1190	LKAR9BI9 + LMAR7A-9	-	-
LEXUR	SUPERMOTO 990	990	KR8DI	-	-
	EVO	110	C7HSA	CR7HGP	CR7HIX
	LUCKY	110	C7HSA	CR7HGP	CR7HIX
	SC 125	125	C7HSA	CR7HGP	CR7HIX
MODENAS	X-DREAM	110	C7HSA	CR7HGP	CR7HIX
	ACE 115	115	C7HSA	CR7HGP	CR7HIX
	CERIA	100	C7HSA	CR7HGP	CR7HIX
	DINAMIK 125	125	B9ES	-	BR9EIX
	ELEGAN 150	150	CR8E	CR8EGP	CR8EIX
	ELITE	115	C7HSA	CR7HGP	CR7HIX
	GT 128	128	C6HSA	CR6HGP	CR6HIX
	JAGUH	200	CR8E	CR8EGP	CR8EIX
	KARISMA	100	C7HSA	CR7HGP	CR7HIX
	KRISS	100	C6HSA	CR6HGP	CR6HIX
	KRISS 2	110	C6HSA	CR6HGP	CR6HIX
	KRISS SE	110	C6HSA	CR6HGP	CR6HIX
	KRISS SG	110	C6HSA	CR6HGP	CR6HIX
	KRISTAR	110	C7HSA	CR7HGP	CR7HIX
	MR1	110	C6HSA	CR6HGP	CR6HIX
	NS200	200	CPR8EA-9	CPR8EAGP-9	CPR8EAIX-9
	PASSION	125	CR8E	CR8EGP	CR8EIX
RS200	200	CPR8EA-9	CPR8EAGP-9	CPR8EAIX-9	
X-CITE	130	C6HSA	CR6HGP	CR6HIX	
MOTO-GUZZI	1100 SPORT	1100	BPR6ES	BPR6EGP	BPR6EIX
	CALIFORNIA 1100	1100	BPR6ES	BPR6EGP	BPR6EIX
	NEVADA 750	750	BP8ES	BR8EGP	BR8EIX



BRAND	MODEL	CC	STANDARD	G-POWER	IX
M.Z	CLASSIC 120	120	C7HSA	CR7HGP	CR7HIX
	MANTIZZ 125	125	C7HSA	CR7HGP	CR7HIX
	MOSKITO 125	125	C7HSA	CR7HGP	CR7HIX
	MZ 125SM/SX	125	CR8E	CR8EGP	CR8EIX
	PERINTIS 120	120	C7HSA	CR7HGP	CR7HIX
NITRO	BABY STAR 50	50	BP7HS	BPR7HGP	BPR7HIX
	BINTANG I & II 125	125	C7HSA	CR7HGP	CR7HIX
	CITY STAR 125	125	C7HSA	CR7HGP	CR7HIX
	GOLDEN STAR 125	125	C7HSA	CR7HGP	CR7HIX
	GRAND 125	125	C7HSA	CR7HGP	CR7HIX
	IMPALA	115	C7HSA	CR7HGP	CR7HIX
	MEGASTAR 150	150	C7HSA	CR7HGP	CR7HIX
	ROADWIN 125	125	CR8EH-9	-	CR8EHIX-9
	ROYAL I & II 125	125	C7HSA	CR7HGP	CR7HIX
	SILVER STAR 150	150	C7HSA	CR7HGP	CR7HIX
	STAR 125	125	C7HSA	CR7HGP	CR7HIX
	SUMMER STAR 125	125	C7HSA	CR7HGP	CR7HIX
	SUPER GRAND 150	150	C7HSA	CR7HGP	CR7HIX
	SUPER IMPALA I, II, III	110	C7HSA	CR7HGP	CR7HIX
	SUPER STAR 125	125	C7HSA	CR7HGP	CR7HIX
	SUPREME GRAND 150	150	C7HSA	CR7HGP	CR7HIX
	WINSTAR 250	250	C7HSA	CR7HGP	CR7HIX
	NIMOTA	CITY SPORT 130	130	C6HSA / C7HSA	CR7HGP
NAZA BIKES	BLADE 250, 650	250,650	CR8E	CR8EGP	CR8EIX
	BLITZ 150	150	CR8E	CR8EGP	CR8EIX
	CRUISE 250, 650	250,650	CR8E	CR8EGP	CR8EIX
	CRUISE II 250	250	CR8E	CR8EGP	CR8EIX
	FLASH 125	125	C6HSA / C7HSA	CR7HGP	CR7HIX
	GEMILANG I, II 150	150	C7HSA	CR7HGP	CR7HIX
	GTR 150	150	DPR7EA-9	DPR7EGP-9	DPR7EIX-9
	GTR 170	170	DPR7EA-9	DPR7EGP-9	DPR7EIX-9
	NZ 125R	125	C6HSA / C7HSA	CR7HGP	CR7HIX
	PRISMA 110, 125	110	C6HSA / C7HSA	CR7HGP	CR7HIX
	SYMPHONY 125	125	C6HSA / C7HSA	CR7HGP	CR7HIX

BRAND	MODEL	CC	STANDARD	G-POWER	IX
STAR	EVO 110	110	C6HSA / C7HSA	CR7HGP	CR7HIX
	VISA 110	110	C6HSA / C7HSA	CR7HGP	CR7HIX
SUZUKI	BELANG 150	150	CR8E	CR8EGP	CR8EIX
	FC 110	110	C6HSA	CR6HGP	CR6HIX
	FD 110X	110	C6HSA	CR6HGP	CR6HIX
	FX 110	110	C6HSA	CR6HGP	CR6HIX
	FX 125	125	CR8E	CR8EGP	CR8EIX
	FX 150	150	CR8E	CR8EGP	CR8EIX
	GSX 110	110	C6HSA	CR6HGP	CR6HIX
	GSX S1000F	1000	CR9EIA-9	-	-
	GSX-R600 (08-)	600	CR9EIA-9	-	-
	GSZ-R1000 (07-)	1000	CR9EIA-9	-	-
	RC 80 ·100RC 80 ·100RC 80 ·100RC 80 ·100RC 80 ·100	80,100	BP7HS	BPR7HGP	BPR7HIX
	RG SPORT 110	110	BP8ES	BR8EGP	BR8EIX
	RGV 120	120	BP8ES	BR8EGP	BR8EIX
	RGX 120	120	BP8ES	BR8EGP	BR8EIX
	RR 110 (BEST)	110	BP8HS	BPR8HGP	BPR8HIX
	SHOGUN 125 · RRSOGUN 125 · RRSOGUN 125 · RRSOGUN 125 · RR	125	C6HSA	CR6HGP	CR6HIX
	SKYDRIVE	125	C6HSA	CR6HGP	CR6HIX
	SMASH	110	C6HSA	CR6HGP	CR6HIX
	SMASH PRO	125	C6HSA	CR6HGP	CR6HIX
	SMASH REVO	110	C6HSA	CR6HGP	CR6HIX
	SMASH V115	115	C6HSA	CR6HGP	CR6HIX
STEP 125	125	C6HSA	CR6HGP	CR6HIX	
TRS 118	120	BP8HS	BPR8HGP	BPR8HIX	
TXR 150	150	BP8ES	BR8EGP	BR8EIX	
V 100	100	BP7HS	BPR7HGP	BPR7HIX	
VR 125	125	CR8E	CR8EGP	CR8EIX	
VS 125	125	CR8E	CR8EGP	CR8EIX	
SYM	BONUS 110	110	C6HSA	CR6HGP	CR6HIX
	EVO 250	250	CR8E	CR8EGP	CR8EIX
	GTS 200	200	CR8E	CR8EGP	CR8EIX
	JET POWER 125	125	CR7HSA	CR7HGP	CR7HIX
	JOYRIDE 110	110	C6HSA	CR6HGP	CR6HIX
	MAXSYM400i	400	CR8E	CR8EGP	CR8EIX
	MIO 100	100	CR7HSA	CR7HGP	CR7HIX



BRAND	MODEL	CC	STANDARD	G-POWER	IX
SYM	RADAX 125	125	C6HSA	CR6HGP	CR6HIX
	SPORT BONUS	110	C6HSA	CR6HGP	CR6HIX
	SYMPHONY 150SR	150	CR7HSA	CR7HGP	CR7HIX
	T2 250i	250	CR8E	CR8EGP	CR8EIX
VESPA	150 SUPER	150	BP4HS	-	-
	200 RALLY	200	B6ES	-	-
	P150 · XP150 · XP150 · X	150	BP4HS	-	-
	SPRINT	150	BP4HS	-	-
YAMAHA	135 LC	135	CPR8EA-9	CPR8EAGP-9	CPR8EAIX-9
	EGO LC125	125	C7HSA	CR7HGP	CR7HIX
	EGO S115	115	C7HSA	CR7HGP	CR7HIX
	FZ 150	150	CR8E	CR8EGP	CR8EIX
	LAGENDA 110	110	C7HSA	CR7HGP	CR7HIX
	MT-07	700	LMAR8A-9	-	-
	MT-09	900	CPR9EA-9	CPR9EAGP-9	CPR9EAIX-9
	NMAX	150	CPR8EA-9	CPR8EAGP-9	CPR8EAIX-9
	NOUVO 135LC	135	CR7E	CR8EGP	CR8EIX
	NOUVO AT 115	115	CR7HSA	CR7HGP	CR7HIX
	RS 125R	125	BP7HS	BPR7HGP	BPR7HIX
	RXS 115	115	BP7HS	BPR7HGP	BPR7HIX
	RXZ 135	135	BP8ES	BR8EGP	BR8EIX
	SRE	100	C7HSA	CR7HGP	CR7HIX
	SR-LAGENDA 100	100	C7HSA	CR7HGP	CR7HIX
	SRV	540	C7HSA	CR7HGP	CR7HIX
	SRX	500	C7HSA	CR7HGP	CR7HIX
	SS100 II	100	BP7HS-10	BPR7HGP	BPR7HIX
	TZM 150	150	BR9ES	-	BR9EIX
	TZR 125 · 250A TZR 125 · 250A	250	BR9ES	-	BR9EIX
	VIRAGO XV 250	250	CR6HS	CR6HGP	CR6HIX
	VIRAGO XV 535	535	BPR7ES	BPR7EGP	BPR7EIX
	XVS 650 DRAG STAR	650	DPR7EA-9	DPR7EGP-9	DPR7EIX-9
	XVZ 13 AJ ROYAL STAR	130	DPR7EA-9	DPR7EGP-9	DPR7EIX-9
	Y 110	110	BP7HS	BPR7HGP	BPR7HIX
	Y100 II	100	BP7HS-10	BPR7HGP	BPR7HIX
Y125 Z · ZRY125 Z · ZR	125	B8ES	BR8EGP	BR8EIX	
Y15Z	150	CR8E	CR8EGP	CR8EIX	

BRAND	MODEL	CC	STANDARD	G-POWER	IX
YAMAHA	YP250 MAJESTY	250	DR8EA	DR8EGP	DR8EIX
	YZF-R1	1000	CR9EK	-	CR9EIX
		1000	LMAR9E-J	-	-
	YZF-R25	250	CR8E	CR8EGP	CR8EIX
	YZF-R6	600	CR10EK	-	-



Fuji robin
honda
yamaha
yanmar
dolmar
husqvarna
makita
kioritz (echo)
stihl
tanaka
homelite
kymco
mcculloch
remington
solo

COMMERCIAL
& INDUSTRIAL



GENERATOR

BRAND	MODEL	NGK	GAP
FUJI ROBIN	EC02A	BM7A	0.7
	EC04-3	B7HS	0.7
HONDA	E80, E100, E300, 3400	CM6	0.6
	E600, E900, EG1000 (G28), GX22	C6HSA	0.6
	E1500 (G42), E2000, E2500, E2800, ED1000, EG1500 (G42)	B6HS	0.6
	E1500K4, EB4000, EBK2500K1, EBK2600, EBK3600K	BR4HS	0.6
	EG1200Z, EG1400Z, EG1500	BR4HS	0.6
	E1500 (G200), E2500 (G300), E3500 (G400), EC1500, EG1500 (G200)	B4H	0.6
	E4500 (G400), EB1500, EB1600, EB1800, EB1900, EB2800	BPR4HS-10	1.0
	EB3800, EBK1600, EBK2000, EC1500 (CDI), EG1500 (G200) CD	BPR4HS-10	1.0
	EM1600, EM1800, EM1900, EM2200, EM4000	BPR4HS-10	1.0
	EB1000, ED300, ED400	BMR4A	0.6
	EB1200X, 1300X, 1400X, 1500X, EB1800X, B2200X	BP6ES/BPR6ES	0.7
	EB2500/X, EB3000S/X, EB3500X, EB4500, EB5000	BP6ES/BPR6ES	0.7
	ED1000X, EG850X, EG1000X	BP6ES/BPR6ES	0.7
	EG1300X, EG1400/X, EG4500, EG5000	BP6ES/BPR6ES	0.7
	EC1000, EC1500K4, ECK1500, EF1000K, EG850, EG1000K, EG1200	BR4HS	0.6
	EC1500, EG1000 (G35)	B6HS	0.6
	ED300/K1, EM500 (84'), EM600	BPMR4A-10	1.0
	ED300/K1, EM400, EM500/K1	BPMR6A-10	1.0
	EG550, EG650, EM650	BMR4A	0.6
	EG3000/X, EG5000X, EM350, EM1900X, EM2200X, EM2500C/X, EM3000X	BP5ES/BPR5ES	0.8
	EM4500CX/CX1/CXS/CXS1, EM4500X/SX, EM5000SX/CXS1	BP5ES/BPR5ES	0.8
	EN3500, EN5000	BP5ES/BPR5ES	0.8
	EM25/K1/K2, EM30/K1/K2, EM1200X, EM1499X, EM1500X, EM3000C	BP6ES/BPR6ES	0.7
	EM4500, EM5000, EN2000, EN2500	BP6ES/BPR6ES	0.7
	EM3000, ET5000	B6ES	0.6
	GX110, GX120, GX140, G160, GX240, GX270, GX390		
	YAMAHA	ET500, 600/A, 650, 800, 900/A, 950	B5ES
ET1500/D/M/S, EF1500S		B7HS	0.7
EC1200, 2800, 4200DV, 5000DV, 5000E		BP6HS	0.7
EF200A/DV, 600S, 800, 900S, 1000/B, 1200A/DA/DV, 1400A/DV/H		BP6HS	0.7
EF1600/R, 1700/A/DV, 1800, 2000A/H/DV, 2100, 2400A/DV, 2500/R		BP6HS	0.7
EF2600, 2800A/H/DV, 3200, 3600E/DV, 3800/R, 4000/E/DV/K		BP6HS	0.7
EF4300, 4400E/DV, 5000E/DV		BP6HS	0.7
EF5000, 5400, 6000		BP5ES	0.7

GENERATOR

BRAND	MODEL	NGK	GAP
YAMAHA	EF2300/A/S/SE, 2800iSE, 4000/A, 5500A, 6000DVE/E/TE	BP4ES	0.7
	EF2000HK/K, 2800HK/K	BP4HS	0.7
YANMAR	YSG550E, 750A, 750AE, 750E	BPM4A	0.7
	YSG1505, 2005, 2505, 3005, 3505	BP5ES	0.9
	YSG1506, 2006, 2506, 3006, 3506	BP5ES	0.9

BRUSH CUTTER

BRAND	MODEL	NGK	GAP
DOLMAR	MS30U, 340, 2600, 3300, 4000, 4100, 4150, 4500	BPM7A	0.5
	MS30U, 221, 250, 300, 310	BM7A	0.5
	LT210, BC210, BC212	BM6F	0.7
	LT250	BM7A	0.7
	BC250, 330, 400, LT160	BPM6F	0.5
FUJI ROBIN	BE221, NBF171, NBF211, NBF251	BM7A	0.7
	BH2500, BH3500	CMR6A	0.8
	NB26, 27, 31, 50, 171, 171, 211, 221, 223, 231, 251, 252, 253, 281, 321	BM7A	0.7
	NB-351, NB411, NBK411, NBT415	BPM7A	0.7
HONDA	NB30, NB60	B7HS	0.6
	UMK422, UMK431, UMR431	C5HSB	0.7
	UM21, UM2160, UM536/K1	BPR5ES	0.8
HUSQVARNA	UMK435 (04'), UMR435 (10'), UMR425 (07')	CMR5H	0.7
	16H, 18H, 24H, 26H, 26RJ, 120L, 132HBV, 225DR/RT, 232LR	BMR7A	0.5
MAKITA	RBC220, 221, 230, 251, 260, 261, 520	BM7A	0.7
	RBC260, 261, 411	BPM7A	0.7
	RBK411	BPM7A	0.7
	RST250	BM7A	0.7
	SUM-321, 328, 351	BM7A	0.6
	TBC-218, 262, 373, 422, 424, 425, 501	BM6A	0.6
	TBC-220, 224, 240, 250, 265	BPM6A	0.6
	TBC-264, 321, 322, 324, 325, 355	BM7A	0.6
TBC-2000, 4000, 4500, 5000	BPM6A	0.6	
YAMAHA	TST-218	BM6A	0.6
	YBC20D, 20S, 30D, 40D, 50D	BPM6A	0.6



CHAIN SAWS

BRAND	MODEL	NGK	GAP	
DOLMAR	100, 101, 103, 104, 105, 106, 108, 112, 152	BM6A	0.6	
	110, 110i, 111, 112S, 113, 113S, 114, 115, 115i, 117, 118S, 119, 120, 120i	BPM7A	0.5	
	120S, 121, 122, 122S, 123, 133, 133S, 143, 153, 160, 166, 309, 310, 343, 308	BPM7A	0.5	
	PS-6000i, 6000H, 6800i, 6800H, 9000, S6000	BPMR7A	0.5	
	122SL, 128KMS4	BM7A	0.5	
	309, 343	BPM6A	0.5	
	PS-33/340/400/401, PS410/33, PS411/33	BPMR6F	0.5	
HUSQVARNA	40P, 44, F70	BM6A	0.5	
	35, 36, 40, 41	BMR7A	0.5	
	B65, B77, F65, 40P, 61P, G65, K65, L65, L77, R65, 61P, 65, 65K, 77SS	BPM6A	0.5	
	162E/FE/FG, 163CD/S, 165R, 234SE/SG, 238SE/SG, 240S/SE/SG	BPM6A	0.5	
	260CD, 263CD, 280CD/S/G, 266SE/SG/FE/FG, 268, 340SE, 340SG, 394	BPM6A	0.5	
	340SE/SG, 344FE/FG, 389CD/K/S, 444FE/FG/SE/SG, 480CD/K	BPM6A	0.5	
	285CD, 1100CD, 2100CD, 2100 CDW	BM7A	0.5	
	A70, A77, A100, 2101CD, 133SF/SG, 154SE/SG, 180S, 181SE/SG/CD	BM7A	0.5	
	36, 40, 41, 42, 45, 51, 55, 140R/S, 160S, 162S, 181, 281, 288	BPM7A	0.5	
	RANCHER 40, 50, 61	BPMR6A	0.5	
	CS-100	B-7S	0.6	
	KIORITZ (ECHO)	CS-60S, CS-30EVL, CS-200E, CS-280EG/EVL, CS-285EVL, CS-290EVL	BMR6A/BM6A	0.6
CS-302/S, CS-304VL, CS-315, CS-320EVL, CS-330EVL, CS-351VL		BMR6A/BM6A	0.6	
CS-451VL, CS-452VL, CS-600, CS-601/S/SVL/EVL, CS-701VL/SVL		BMR6A/BM6A	0.6	
CS-1001VL, CSB452VL, CSB-280/E, 330EVL, SB452VL		BMR6A/BM6A	0.6	
CS-280E, CS-300EVL, CS-360EVL, CS-400EVL, CS-500VL/EVL		BPM6A	0.6	
CS-3900, CSB-360EVL, 400EVL		BPM6A	0.6	
CS-332/EV, CS-440EVL, CS-510EVL, 550EVL, CS-602VL, CS650EVL		BPMR7A/BPM7A	0.6	
CS-660EVL, CS-702VL/EVL, CS-750VL/EVL, CS-900EVL, CS-1200		BPMR7A/BPM7A	0.6	
CS-2800, 2900, 3000, 3400, 3600, 4000, 400, 4500/P, 4600, 4601, 5500		BPMR7A/BPM7A	0.6	
CS-5501, 6700, 6701, 8000, 8000P		BPMR7A/BPM7A	0.6	
CSB-440EVL, 550EVL, 650EVL, 660EVL, 750EVL, 2800, 2900		BPM7A	0.6	
CSO-1200, CST-600EVL, CST601EVL, SRM2001S		BPM7A	0.6	
STIHL		06, 07, 07S, 08, FS353, TS350	BP6HS/BPR6HS	0.5
		009/AV, 010/AV, 011/AV, 015/AV, 017, 019T, 020AV/AVS, 024AV	BPMR7A/BPM7A	0.5
		028AV/AVS, 020T, 024WB, 026C, 028S, 023L, 044C, FS48, FS52, FS62	BPMR7A/BPM7A	0.5
	030AV, 031AV, 040AV, 042AV, 045AV, 050AV, 064, 070AV, 075AV	BPMR6A/BPM6A	0.5	
	084, 090AV/N/S, 1106G/GS, 1601, BG60, FS20, FS50, FS65, FS80, FS90	BPMR6A/BPM6A	0.5	
	032AV, 034AV, 038AV/AVS, 041AV, 046/C, 048AV, 051AV, 056AV/AVS	BPMR7A/BPM7A	0.5	

CHAIN SAWS

BRAND	MODEL	NGK	GAP
STIHL	076AV, 088FR350, FR450, FS75, FS85, FS120, FS300, FS350, FS400/K	BPMR7A/BPM7A	0.5
	FS81, FS151, FS202, FS401, TS200, TS400, TS460, TS510	BPMR7A/BPM7A	0.5
	FS150, FS200, FS410	BPMR6A/BPM6A	0.5
	H60, S10, TS350AVE, TS360AVE, TS360S, TS760	BMR6A/BM6A	0.5
	HS61, HS72, HS74, HS76, HS151, HS202, HS242, HS246, SR400	BPMR7A/BPM7A	0.5
TANAKA	ECS-290, 300, 320, 330, 351, 355, 356, 357	BM6A	0.6
	ECS-370, 405, 415, 505, 506, 650, EHC-120	BM7A	0.6
	ECS-3500, 4000	BPM6A	0.7
	ECV-3400, 4000	BPM7A	0.7

LAWN MOWER

BRAND	MODEL	NGK	GAP
HOMELITE	YARD TRAC	B-4	0.7
	M26	B7S	0.6
HONDA	GVX120, H3001, H3009, H3011H, H3013H, H4013	BP5ES	0.7
	UM21, 24, 28, 2160, 2460, 536/K/K2/K3, 616/K1/K2/K3	BP5ES	0.7
HUSQVARNA	MK500, MK500 (Auto), Royal 820-8	BM6A	0.7
	Rider 1000-14, 1200-18	BP5ES	0.7
	Royal 48SEK/SK, 53SEK	BP6ES	0.7
KYMCO	MF 32AA, MF 40AA	BP5ES	0.8
McCULLOCH	300, 500, 700	B6S	0.6
REMINGTON	All Model	BM6A	0.6
SOLO	102, 103, 106, 107, 110, 000	BM7A	0.6
	520, 549, 554, 554L, 563, 563L, Profi 549	B6HS	0.6
STIHL	522, 543, 543L, 577, 583	B5HS	0.6
	FS36, FS44	BM6A	0.6
	FS74, FS86, FS229, FS280, FS420	BM7A	0.6

**LAWN MOVER**

BRAND	MODEL	NGK	GAP
YAMAHA	YB20S/20D/30D/40D/50D	BM6A	0.6
	YLM-Series 342, 346, YT3600	BR4ES	0.8
	YLM-Series 446, 553, 653	BP5ES	0.8
	YT2300	BCPR5ES	1.0
	YT6800	BPR5HS	0.8

PUMP ENGINE

BRAND	MODEL	NGK	GAP
HONDA	WX10K1	CMR5H	0.7

TILLER

BRAND	MODEL	NGK	GAP
HONDA	FG110/K1 (05')	CMR5H	0.7

POWER DUSTER

BRAND	MODEL	NGK	GAP
FUJI ROBIN	NF302, 352, 351, 400, 411, 412, 600	BPM7A	0.7
	RS02RS, RS02B, RS232, RS233, RSB232	BM7A	0.6
	FH03, FH04, FH03-0A, FH04-03, PS04	B7HS	0.6
	RS03, 03-0A, 03-04, 04, 04-2A, 04-3, 301, 331, 350, 401, 412, 450	B7HS	0.6

GENERAL PURPOSE ENGINE

BRAND	MODEL	NGK	GAP
HONDA	GX22, GX33, GX100, GX100U, GXH50, GXV50	CR5HSB	0.6
	GX25 (02'), GX25NT/T, GX35N/NT/T (05')	CMR5H	0.7
	GX120U	BPR4ES	0.7
	GXV160UA/H, GXV340UA/UH/UT, GXV390K/UA/UT, GXV520U, 530U, 610	BPR5ES	0.8
	GX110, GX120/U/UT, GX120, GX140, GX160H, GX160/UT	BPR6ES	0.7
	GX200, GX240, GX2700U	BPR6ES	0.7
	GX390U/UT, GX610/620 (98')	BPR6ES	0.7
	GX360	BPR4HS	0.6



IGNITE YOUR SPIRIT



johnson
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tohatsu
yamaha
enduro model
water vehicle

MARINE



BRAND	MODEL	NGK	GAP
JOHNSON EVINRUDE	2HP, 3.3HP, 90HP, 120HP, 225HP, 300HP	BPR6HS/BP6HS	
	4HP, 6HP, 8HP, 10HP, 14HP, 15HP	BR7HS/B7HS	0.8
	25HP, 30HP, 70HP, 115HP, 150HP, 250HP	BR7HS/B7HS	0.8
	140HP	BU8H	0.8

BRAND	MODEL	NGK	GAP
MERCURY	2 STROKE		
	2.2HP, 2.5HP, 3HP, 3.3HP, 3.5HP (90'-94')	BP6HS-10	1.0
	3.6HP, 4HP, 5HP, 8HP, 9HP, 9.9HP (86'-88')	B7HS-10	1.0
	15HP Sea Pro (96')	BP8HS-10	1.0
	25HP, 30HP, 40HP Sea Pro	BP8H-N-10	1.0
	25HP XD, 35HP, 40HP Sea Pro (83'-90')	BUHW	

BRAND	MODEL	NGK	GAP
MERCURY	4 STROKE		
	4HP, 5HP, 6HP	DCPR6EA	0.9
	9.9HP, 15HP, 25HP, 30HP, 40HP, 50HP, 60HP	DPR6EA-9	0.9
	75HP, 90HP, 115HP (EFI)	LFR5A-11	1.1
	115HP, 135HP, 150HP, 200HP, 225HP (Opti Max)	PZFR5F-11	1.1
	200HP, 225HP, 250HP, 275HP (Verado)	ILFR6G	0.8

BRAND	MODEL	NGK	GAP
MARINE	2 STROKE		
	2HP (2A,2B), 6HP (6B)	B5HS	0.6
	2.5HP, 3.3HP	BP6HS-10	1.0
	3.5HP, 4HP, 5HP (5B, 5C), 8HP (Marathon 8), 8A	B7HS	0.6
	9.9HP (9C-882), 15HP (15A/15C), 20HP (20C), 25HP (694), 30HP (A,W)	B7HS	0.6
	4HP, 5HP (99')	BP7HS-10	1.0
	20HP, 40HP, 60HP, 70HP, 90HP, 140HP, 150HP, 175HP, 200HP	BUHW	

BRAND	MODEL	NGK	GAP
MARINE	4 STROKE		
	4HP, 5HP, 6HP	DCPR6E	0.9
	9.9HP, 15HP, 25HP, 30HP, 40HP, 45HP, 50HP	DCPR6E-9	0.9
	90HP, 115HP, 135HP, 150HP, 200HP, 225HP (Opti Max)	PZFR5F-11	1.1

BRAND	MODEL	NGK	GAP
SUZUKI	2 STROKE		
	DT2, DT2.2, DT4	B5HS	0.7
	DT5, 5W, DT6, DT9.9K, 15K	B6HS-10	1.0
	DT5Y, DT9.9, DT15, DT20, DT25, DT30	B7HS-10	1.0
	DT40, DT48, DT50, DT55, DT60, DT65, DT75, DT85, DT90, DT100, DT115	B8HS-10	1.0
	DT100, DT115, DT140, DT150, DT175, DT200, DT225	B8HS-10	1.0
	PU40, PU55, PU85, PU140	B8HS-10	1.0

BRAND	MODEL	NGK	GAP
SUZUKI	4 STROKE		
	DF9.9, DF15, DF25, DF30, DF40, DF50	DCPR6E	0.8
	DF60, DF70	BP6ES	0.8
	DF90, DF115	BKR6E	0.8

BRAND	MODEL	NGK	GAP
TANAKA	TOB-120, 175, 300	BM6A / BMR6A	0.6
	TOB-550	BP7HS / BPR7HGP	0.6

BRAND	MODEL	NGK	GAP
TOHATSU	M2.5A, M3.5A, M3.5B	BP6HS-10	1.0
	M4C, 5B, M6B, M8B, M9.8B	BP7HS-10	1.0
	M9.8B/2, M15B2, M18C, M25C, M30A, M35B, M35C, M40D	B7HS-10	1.0
	M45A, M50C/D, M55A/B, M60A/B/C, M70A/B/C, M80A, M90A, M120A, M140A	B8HS-10	1.0

BRAND	MODEL	NGK	GAP
TOHATSU	4 STROKE		
	MFS 4A/5A/6A, MFS 9.9A/B	DCPR6E	0.9



BRAND	MODEL	NGK	GAP
YAMAHA	2B, 5D	B5HS	0.6
	2C, 4A, 4AC, 4AS, 4B, 4BC, 5C, 5CS, 20C, 25D, 40J	B7HS / BR7HS	0.6
	6C, 8C, 9.9F, 13.5A/F, 15F, 20D, 25B, 25J25N, 25V, 30D, 40G/T/X, 150F	B7HS-10 / BR7HS-10	1.0
	150L/J, L150A/F, 150G/T, L150J, D150N, V150T	BR7HS-10	1.0
	3AS, 3A, 6D, F6A/B, F8/C, FT8D, T8/E/P	B6HS-10 / BR6HS-10	1.0
	25X, 30G, 30H, 40Q, 40Y, 50G/H/T, 55A/B/D, 60F/T, 70A/B/T/C, 75A/B/C	B8HS-10 / BR8HS-10	1.0
	80A, 85A, 90A/T, 100A, 115B/C/F/T, 150A, L150A, D150H, 155A, S175D, 175F	BR8HS-10	1.0
	175D, 200A, L200A, 200F, L200F, S200F, SL200F, 200J, 225D, 250A/C, L250A	BR8HS-10	1.0
	130B, L130B, 140B/C, L140C, 225C/G/F, L225C, L225F, 250A/B, L250A/B	B9HS-10 / BR9HS-10	1.0
	250G, L250G (06')	BR8HS-10	1.0
	Z150P, L150P, Z150Q (01')	BKR6ES-11	1.1
	Z150P, LZ150P, Z150Q (02')	BKR6EKU	0.6
	Z150T, LZ150T, V150T (06')	BKR6EKU	0.6
	Z175G, Z175H, Z200N, LZ200N, Z200P (01')	BKR7ES-11	1.1
	Z175G, Z175H (02'), LZ250D/F, Z250D (03')	BKR7EKU	0.6
	Z175T, VZ175T, VZ200T, Z240B, Z250D/F/T, LZ250D/T, V250T, Z300A/B/T (06')	BKR6EKU	0.6
	Z200P, Z225H (02'), Z250D/F, LZ250D (03'), VZ250T, Z250D/F/T, LZ300A(06')	BKR6EKU	0.6

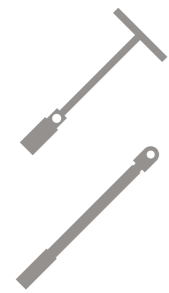
BRAND	MODEL	NGK	GAP
ENDURO MODEL	E8D, E9.9C/H, E15C, E25A/B, E40X (20')	B7HS-10 / BR7HS-10	1.0
	E9.9D, E15D, E25H	B8HS-10 / BR8HS-10	1.0
	E40G, E40J, E40X (01'), E48	B7HS / BR7HS	0.6
	E55C, E60, E60J, E65A, E75B, E115A	B8HS-10 / BR8HS-10	1.0

BRAND	MODEL	NGK	GAP
ENDURO MODEL	4 STROKE		
	F2A, F2.5A, F4A	B6HS / BR6HS	0.6
	F6A, F6B, F8C, FT8D	B6HS-10 / BR6HS-10	1.0
	F9.9A/B, FT9.9A, (F8B)	CR6HS / CR5HS	0.6
	F9.9C, F9.9D, F9.9ER2, F9.9MH2, T9.9ER2/EH2, T9.9P, FT9.9D, F13.5A	DPR6EA-9	0.9
	F15A/B/F/E/P, F20A, F25A/C, FT25B, T25T, E30A, F30E/T, F40A/B, F45A, F50A	DPR6EA-9	0.9
	F50B/D, FT50B/C	DPR6EA-9	0.9
	F40C, F40E/T, F60A, FT60B	DPR5EA-9	0.9
	F40D, F50F/T, FT50G, T505, F60C/T, FT60D	DPR6EB-9	0.9
	F9.9ER/EH, F9.9MH	CR6HSA	0.7
	F75A, F75B/T, F80A/B, F90A, F90B/T, F95A, F100A/B/C/D, F150T, LF150T	LFR5A-11	1.1
	F200A/B, FL200A/B, F200T, LF200T, F225A/T, FL225A/T	LFR5A-11	1.1
	F115A/T, FL115A, LF115T, FL115A, F200C, FL200C, F250A/T, FL250A, LF250T	LFR6A-11	1.1

BRAND	MODEL	NGK	GAP
WATER VEHICLE	GP760, GP1200, WB700, WR700	BR8HS	0.6
	GP800/R/X/A-B/A-C	BR8ES	0.8
	GP1200R, GP1300E/B/C, XLT 1200	BR8ES-11	1.1
	WRA 700, WVT 700, WVTZ 760, WVT1100	BR8HS	0.6
	SUV 1200, XL 700	BR8HS	0.6
	GP 800, WB 800, XL 800	BR8HS	0.6
	XA1200A-E/A-C, XL 1200LXRT1200-Z	BR8ES-11	1.1
	SJ 700 SUPER JET(2001)	BR7HS	0.6

How to correctly install spark plugs

Pay adequate attention while installing the spark plug. Especially, excessive or even inadequate tightening torque can damage to the spark plug or the engine. Therefore, follow the instructions given below.



Select the correct plug wrench.

Depending on engine, the plug hole may be small, the plug wrench may not fit in the hexagonal part of the plug, and it may not be possible to tightly fasten the spark plug. Use a plug wrench that is suitable for the vehicle (engine).

Install the spark plug with the correct tightening torque.

First screw in the spark plug by hand. Once the gasket contacts the cylinder head, then use a torque wrench to tighten the spark plug to the standard torque, shown in the table on the right. Moreover, if a torque wrench is not available, screw in the plug with fingertips and when the gasket contacts the cylinder head, tighten the spark plug using a plug wrench, at a tightening angle (corresponding to the standard tightening torque shown in the table on the right) mentioned below.

Standard Tightening Torque

Diameter of Plug Thread	Tightening Torque
φ18mm	35~40N·m (3.5~4.0kgm)
φ14mm	25~30N·m (2.5~3.0kgm)
φ12mm	15~20N·m (1.5~2.0kgm)
φ10mm	10~12N·m (1.0~1.2kgm)
φ8mm	8~10N·m (0.8~1.0kgm)

Tapered Seat Type (Plug without gasket)

Tightening Torque
10~20N·m (1.0~2.0kgm)

Attention ▶ If a lubricant such as grease or a seizure-preventing agent is applied to the thread part; it may result in over-tightening of the spark plug even if is tightened as per the standard tightening torque. Do not use a lubricant and a seizure-preventing agent.

Tightening angle

Diameter of Plug Thread				New gasket	Used gasket
φ18mm/φ14mm (Excluding ▼ part numbers)				Approximately 1/2~2/3 turn (180°~240°)	Approximately 1/12 turn (30°)
BCPR [○] ED	BKR [○] EKE	IFR [○] C-S	LZFR [○] AT-S	Approximately 1/3 turn (120°)	Approximately 1/12 turn (30°)
BCPR [○] EDIX	BKR [○] EKUC	IFR [○] G-11KS	PFRO [○] G-11S		
BCPR [○] EKD	BKR [○] EKUD	IZFR [○] B	PZFR [○] C		
▼ BKR [○] E-8S	BKR [○] ERX-PS	IZFR [○] C	R6469- [○]		
BKR [○] E-9S	BKR [○] ETUA	IZFR [○] K11NS	ZFR [○] K-11S		
BKR [○] EIX-PS	HB [○] AIX-11P	IZFR [○] K-11S	ZFR [○] KIX-11PS		
BKR [○] EIX-11PS	HB [○] BIX-11P	LZFR [○] AP11GS			
φ12mm (Excluding ▼ part numbers)				Approximately 1/2 turn (180°)	Approximately 1/12 turn (30°)
DILKAR [○] G11GS	ILZKAR [○] E11S	ILZKR [○] B-11S	R2558E- [○]	Approximately 1/4 turn (90°)	Approximately 1/8 turn (45°)
▼ DILZKAR [○] C11S	ILZKAR [○] F8S	LKAR [○] AP7JDS	SILKR [○] A-S		
DILZKR [○] A11GS	ILZKAR [○] H8S	R2556B- [○]	SILZKAR [○] F7S		
DILZKR [○] B11GS	ILZKR [○] B8S	R2556G- [○]	SILZKR [○] C11S		
ILKAR [○] K11S	ILZKR [○] B11GS	R2558A- [○]			
φ10mm (Excluding ▼ part numbers)				Approximately 1/2 turn (180°)	Approximately 1/12 turn (30°)
○E	CR [○] EIB-10	LMAR [○] AI-10	MR [○] CI-8	Approximately 1/4 turn (90°)	Approximately 1/12 turn (30°)
CPR [○] E	CR [○] EIX	LMAR [○] AP8J	MR [○] E-9		
CPR [○] EA-9	CR [○] EK	LMAR [○] BI-9	MR [○] F		
CPR [○] EAIX-9	CR [○] EKB	LMAR [○] C-9	PMR [○] A		
▼ 1 CPR [○] EB-9	CR [○] EKC	LMAR [○] CI-8	PMR [○] B		
CR [○] E	CR [○] EKPA	LMAR [○] D-J	SILMAR [○] B9		
CR [○] EB	DIMR [○] A10	LMAR [○] E-J	SILMFR [○] A8G		
CR [○] EIA-9	ILMAR [○] A8	LMAR [○] G	SIMR [○] A9		
CR [○] EIA-10	LMAR [○] A-9	MAR [○] A-J			
CR [○] EIB-9	LMAR [○] AI-8	MR [○] C-9N			
▼ 2 CPR [○] EA-9S	IMR [○] D-9H	MAR [○] B-JDS	R0465B- [○]	Approximately 1/6 turn (60°)	Approximately 1/12 turn (30°)
CPR [○] EAIX-9S	IMR [○] E-9HES	MR [○] AP8HJS	SILMAR [○] A9S		
CR [○] EH-9S	LMAR [○] A-9S	R0409B- [○]	SILR [○] A7S		
IMR [○] C-9HES	LMAR [○] AP8JS	R0451B- [○]	SPMR [○] A6HDG		
φ8mm				Approximately 1/3 turn (120°)	Approximately 1/12 turn (30°)
Tapered Seat Type (Plug without gasket)				Approximately 1/16 turn (22.5°)	Approximately 1/16 turn (22.5°)
Copper Gasket Type				Approximately 1/12 turn (30°)	Approximately 1/24 turn (15°)

※ Heat rating is put in ○.

How to correctly install spark plugs ②

※ For ▼ part numbers, refer to the table "Tightening Angle" on the previous page.

For plugs with gaskets wherein the thread diameter is φ18 mm or φ14 mm

New gasket (Excluding ▼ part numbers) 1/2~2/3 turn (180°~240°)

Re-used gasket (Excluding ▼ part numbers) 1/12 turn (30°)

For the ▼ part numbers

New gasket	Re-used gasket
1/3 turn (120°)	1/12 turn (30°)

For plugs with gaskets wherein the thread diameter is φ12 mm

New gasket (Excluding ▼ part numbers) 1/2 turn (180°)

Re-used gasket (Excluding ▼ part numbers) 1/12 turn (30°)

For the ▼ part numbers

New gasket	Re-used gasket
1/4 turn (90°)	1/8 turn (45°)

For plugs with gaskets wherein the thread diameter is φ10 mm

New gasket (Excluding ▼ part numbers) 1/2 turn (180°)

Re-used gasket (Excluding ▼ part numbers) 1/12 turn (30°)

For the ▼1 part numbers

New gasket	New gasket
1/4 turn (90°)	1/6 turn (60°)

For the ▼2 part numbers

Re-used gasket	1/12 turn (30°)
----------------	-----------------

For plugs with gaskets wherein the thread diameter is φ8 mm

New gasket 1/3 turn (120°)

Re-used gasket 1/12 turn (30°)

For a tapered seat-type spark plug without gasket

Both new and re-used gasket 1/16 turn (22.5°)

For a spark plug with copper gasket

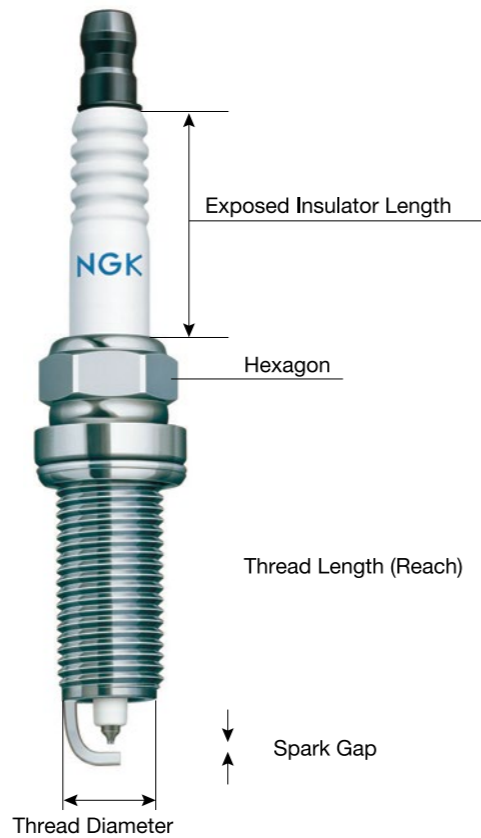
New gasket 1/12 turn (30°)

Re-used gasket 1/24 turn (15°)

Symbol Explanation of NGK Spark Plugs

Unit : mm

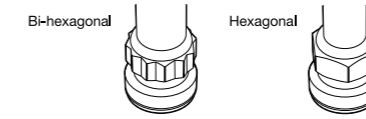
B		P		R		5		E		S		-11										
Thread size	Hex size	Projected insulator type		Resistor		Heat rating		Thread length		Integral terminal (CR8EB)		Spark gap										
A	Ø 18.0	Hex 20.8	P	Projected insulator type	R	Resistor	2	Hot type	E	19.0	B	Integral terminal (CR8EB)	None	Motorcycle : 0.7~0.8 Car : 0.8~0.9								
B	Ø 14.0	Hex 20.8	M	Small spark plug	Z	Inductive resistor type	4		EF	17.5	CM	Slant ground electrode Compact type (Exposed insulator length:18.5)	-8	0.8								
BC	Ø 14.0	Hex 16.0	U	Surface gap, Semi-surface discharge gap or Supplementary gap			5		EH	19.0 half-thread	G, GV	Racing spark plug	-10	1.0								
BK	Ø 14.0	Hex 16.0					6		H	12.7					CS	Slant ground electrode	-9	0.9				
C	Ø 10.0	Hex 16.0					7		L	11.2					I	Single Iridium spark plug	-11	1.1				
D	Ø 12.0	Hex 18.0					8		None										IX	Iridium IX spark plug	-13	1.3
DC	Ø 12.0	Hex 16.0					9															
E	Ø 8.0	Hex 13.0	10	Cold type	None		K		2-ground-electrodes	-S	Special gasket											
*Exception B(P)M-A, Y : Ø 14.0, Hex 19.0 B(P)-(E)F : Ø 14.0, Hex 16.0 CM-6 : Ø 10.0, Hex 14.0 BC : Old JIS standard size The length from gasket circuit to terminal contact is 53.0mm. BK : ISO / JIS standard size The length from gasket circuit to terminal contact is 50.5mm.																						
									• Tapered seat type A(P)-F : 10.9 B(P)-F : 11.2 BM(P)-F : 7.8 • Small type plug B(P)M- : 9.5 B-LM : 9.5 CM- : 9.5 CM-6 : 8.6 C-50 : 8.5		-LM		Compact type (Insulator length:14.5)		-E		Special resistance					
											N		Special ground electrode		IX-P		Iridium MAX plug					
										P		Platinum spark plug Single ground electrode : Double platinum Multi-ground electrode : Single platinum		IX-LPG		Iridium IX plug for LPG						
										Q		4-ground-electrodes										
										S		Standard type										
										T		3-ground-electrodes										
										U		Semi-surface discharge gap										
										Y		V-grooved center electrode										
										Z		Special design										



NGK SPARK PLUGS MALAYSIA BERHAD

Unit : mm

P		F				R		5		A		-11						
		Thread diameter	Thread length	Seat configuration	Hex size	Resistor		Heat rating		A,B,C...Suffix code		Spark gap						
DI	High ignitability plug : Double fine electrodes	F	Ø 14.0	19.0	Gasket	Hex 16.0	R	Resistor	2	Hot type		A,B,C...Suffix code None Motorcycle : 0.7~0.8 Car : 0.8~0.9	None Motorcycle : 0.7~0.8 Car : 0.8~0.9					
I	Iridium spark plug	FE	Ø 14.0	19.0	Gasket	Hex 16.0			4									
L	Long thread reach plug	G	Ø 14.0	19.0	Gasket	Hex 20.8			5					-7	0.7			
P	Platinum spark plug	J	Ø 12.0	19.0	Gasket	Hex 18.0			6					-9	0.9			
S	High ignitability plug : thin square tip type	K	Ø 12.0	19.0	Gasket	Hex 16.0			7					-10	1.0			
Z	Projected plug	KA	Ø 12.0	19.0	Gasket	Hex 14.0			8					-11	1.1			
Above alphabets are occasionally used in combination		KB	Ø 12.0	19.0	Gasket	Bi-Hex 14.0 (Bi-hexagonal *)			9					-13	1.3			
<Example>ILFR..., PLZFR...,		KE	Ø 12.0	19.0	Gasket	Hex 16.0												
When "L" is included, priority is given to "L (long reach)" in thread length.		KF	Ø 12.0	19.0	Gasket	Hex 14.0												
<Example>		KG	Ø 12.0	19.0	Gasket	Hex 14.0												
*Gasket type		L	Ø 10.0	12.7	Gasket	Hex 16.0												
FR5AP-11 : Thread length 19.0mm		M	Ø 10.0	19.0	Gasket	Hex 16.0												
↓		MA	Ø 10.0	19.0	Gasket	Hex 14.0												
LFR5AP-11 : Thread length 26.5mm		MF	Ø 10.0	19.0	Gasket	Hex 14.0												
↓		NA	Ø 12.0	17.5	Tapered seat	Hex 14.0												
*Tapered seat type		T	Ø 14.0	17.5	Tapered seat	Hex 16.0												
PTR5C-13 : Thread length 17.5mm		U	Ø 14.0	11.2	Tapered seat	Hex 16.0												
↓		W	Ø 18.0	10.9	Tapered seat	Hex 20.8												
PLTR6A-10G : Thread length 25.0mm		X	Ø 14.0	9.5	Gasket	Hex 20.8												
		Y	Ø 14.0	11.2	Tapered seat	Hex 16.0												



RE		7		C		-L	
		Heat rating		A,B,C...Suffix code		Spark gap	
RE	Plug for rotary engines	5	Hot type	A,B,C...Suffix code		-L	Leading side
SD	Plug for rotary engines (Semi-surface discharge gap)	6				-T	Trailing side
		7					
		8					
		9					
		10					
		11	Cold type				

Unit : mm

HB		6		A		IX		-11		P	
		Heat rating		Thread diameter	Thread length	Seat configuration	Hex size	Spark gap			
HB	HYBD (3-ground-electrode hybrid type)	4	Hot type	A	Ø 14.0	20.5	Gasket	Hex 16.0	IX	-8	0.8
		5		B	Ø 14.0	19.0	Gasket	Hex 16.0			
		6		-9	0.9						
		7		-10	1.0						
		8		-11	1.1						
				-13	1.3						

Unit : mm

DF		6		H		-11		A				
		Heat rating		Thread diameter	Thread length	Seat configuration	Hex size	Spark gap				
DF	High ignitability plug (Double fine electrodes)	4	Hot type	A	Ø 14.0	19.0	Gasket	Hex 16.0	-8	0.8		
DFH	High ignitability plug (DF + Hybrid type)	5		B	Ø 14.0	26.5	Gasket	Hex 16.0	-9	0.9		
		6		*DF6H-11A : Thread length 28.0mm								
		7									-10	1.0
		8									-11	1.1
		9									-13	1.3
			-15								1.5	

Unit : mm



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 **NGK SPARK PLUGS MALAYSIA**