

IGNITION SYSTEM

Ignition timing		7° BTDC @ idle (Check connector TE1 and E1 connected)
Firing order		1 – 5 – 3 – 6 – 2 – 4
High-tension cord	Resistance Limit	25 kΩ per cord
Spark plug	Type ND NGK	W16EXR-U11 BPR5EY11
	Correct electrode gap	1.1 mm 0.043 in.
Ignition coil	Primary coil resistance at cold	0.30 – 0.60 Ω
	Secondary coil resistance at cold	9.0 – 15.0 kΩ
Distributor	Air gap G and N E pickups	0.2 – 0.4 mm 0.008 – 0.016 in.
	Pickup coil resistance G and NE pickups (cold)	185 – 265 Ω

STARTING SYSTEM

Starter	Rated voltage and output power		12 V 1.0 kW
	No-load characteristic		90 A or less at 11.5 V
			3,000 rpm or more
	Commutator	outer diameter STD	30 mm 1.18 in.
		Limit	29 mm 1.14 in.
		Under cut depth STD	0.6 mm 0.024 in.
		Limit	0.2 mm 0.008 in.
	Brush	Circle runout Limit	0.05 mm 0.0020 in.
		Length STD	13.5 mm 0.531 in.
		Limit	8.5 mm 0.335 in.
	Spring installed load		18 – 24 N 1.79 – 2.41 kgf 3.9 – 5.3 lbf

CHARGING SYSTEM

Drive belt tension		See page A-2
Battery specific gravity when fully charged at 20°C (68°F)		1.25 – 1.27
Alternator	Rated output	12 V 80 A
	Rotor coil resistance	2.8 – 3.0 Ω
	Slip ring diameter STD	32.3 – 32.5 mm 1.272 – 1.280 in.
		Limit 32.1 mm 1.264 in.
	Brush exposed length STD	20.0 mm 0.789 in.
		Limit 5.5 mm 0.217 in.
Alternator regulator	Regulating voltage at 25°C (77°F)	13.8 – 14.4 V