

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
	Correct electrode gap	W16EXR-U11 BPR5EY11 1.1 mm 0.043 in.
Ignition coil	Primary coil resistance at cold	0.41 - 0.50 Ω
	Secondary coil resistance at cold	10.2 - 13.8 kΩ
Distributor	Air gap G and NE pickups	0.2 - 0.4 mm 0.008 - 0.016 in.
	Pickup coil resistance G and NE pickups	140 - 180 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		1.79 - 2.41 kg 3.9 - 5.3 lb 18 - 24 N

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.
Alternator regulator		Limit 5.5 mm 0.217 in.
	Regulating voltage at 25°C (77°F)	13.8 - 14.4 V