

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		0.41 - 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		Ampere	90 A or less at 11.5 V		
			rpm	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.	
			STD	13.5 mm	0.531 in.	
		Length	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