

GENERAL INFORMATION

BATTERY/CHARGING SYSTEM			SPECIFICATIONS
ITEM			
Battery	Capacity		12 V – 10 AH
	Current leakage		0.1 mA max.
	Voltage (68 °F/20 °C)	Fully charged	13.0 – 13.2 V
		Needs charging	Below 12.3 V
Charging current	Normal	1.2 A × 5 – 10 h	
	Quick	5.0 A × 1.0 h	
Alternator	Capacity		0.280 kW/5,000 min ⁻¹ (rpm)
	Charging coil resistance (68 °F/20 °C)		0.2 – 0.5 Ω
Regulator/rectifier regulated voltage			13.5 – 15.5 V/5,000 min ⁻¹ (rpm)

IGNITION SYSTEM			SPECIFICATIONS
ITEM			
Spark plug			DPR9EVX-9 (NGK)
Spark plug gap			0.80 – 0.90 mm (0.031 – 0.035 in)
Ignition coil primary peak voltage			100 V minimum
Ignition pulse generator peak voltage			0.7 V minimum
Ignition timing ("F" mark)			15° BTDC at idle
Engine coolant temperature (ECT) sensor resistance	At 68 °F (20 °C)		2 – 3 kΩ
	At 176 °F (80 °C)		200 – 400 Ω
Throttle sensor	Resistance (68 °F/20 °C)		4 – 6 kΩ
	Input voltage		4.7 – 5.3 V

ELECTRIC STARTER			Unit: mm (in)
ITEM		STANDARD	SERVICE LIMIT
Starter motor brush length		12.0 – 13.0 (0.47 – 0.51)	6.5 (0.26)

LIGHTS/METERS/SWITCHES			SPECIFICATIONS
ITEM			
Bulbs	Headlight (High/low beam)		12 V – 60/55 W
	Position light (Except U type)		12 V – 5 W
	Brake/taillight		12 V – 21/5 W × 2
	Turn signal light		12 V – 21 W × 4
	Instrument light		12 V – 1.7 W × 3
	Turn signal indicator		12 V – 1.7 W × 2
	High beam indicator		12 V – 1.7 W
	Neutral indicator		12 V – 1.7 W
	Oil pressure indicator		12 V – 1.7 W
Fuse	Side stand indicator		12 V – 1.7 W
	Main fuse		30 A
Thermosensor resistance	Sub-fuse		10 A, 20 A
	At 176 °F (80 °C)		47 – 57 Ω
Fan motor switch	At 248 °F (120 °C)		14 – 18 Ω
	Starts to close (ON)		208 – 216 °F (98 – 102 °C)
	Stops to open (OFF)		199 – 207 °F (93 – 97 °C)