

# ELECTRICAL SYSTEM

## SPECIFICATIONS

ITEM		SPECIFICATIONS	
Ignition system	Spark plug	Standard	
		Optional	
	Spark plug gap	1.00 – 1.10 mm (0.039 – 0.043 in)	
	Ignition coil primary peak voltage	100 V minimum	
	Ignition pulse generator peak voltage	0.7 V minimum	
	Exciter coil peak voltage	100 V minimum	
	Ignition timing	Initial	6° BTDC at 1,300 min <sup>-1</sup> (rpm)
		Full advance	31° BTDC at 3,500 min <sup>-1</sup> (rpm)
Lighting system	AC regulator regulated voltage	13.5 – 14.5V/4,500 min <sup>-1</sup> (rpm)	
	Lighting coil resistance (at 20°C/68°F)	0.1 – 1.0 Ω	
	Regulator/rectifier regulated voltage	13.7 – 15.3V/4,500 min <sup>-1</sup> (rpm)	
	DC coil resistance (at 20°C/68°F)	0.2 – 1.2 Ω	
Bulb	Headlight	12V 35/35W	
	Position light (ED type)	12V5W	
	Tail/brake light	12V 21/5W	
	Turn signal light	12V 21W	
	Meter light	12V3.4W	

## TORQUE VALUES

Timing hole cap                      10 N·m (1.0 kgf·m , 7 lbf·ft)      Apply grease to the threads  
Spark plug                              18 N·m (1.8 kgf·m , 13 lbf·ft)

## TOOLS

Peak voltage adaptor                07HGJ-0020100 with  
Commercially available digital multimeter  
(impedance 10 MΩ /DCV minimum)