

## ELECTRICAL SYSTEM

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## SERVICE INFORMATION

### GENERAL

- Ignition timing cannot be adjusted since the CDI (Capacitive Discharge Ignition) unit is non-adjustable. If ignition timing is incorrect, check the CDI unit, pulse generator and alternator and replace the faulty parts.
- For spark plug gap inspection and adjustment procedure, see page 3-7.
- For alternator removal and installation, see section 9.

### SPECIFICATIONS

ITEM		STANDARD	
Spark plug		NGK	ND
	Standard	DPER8EA-9	X24EPR-U9
	For cold climate (Below 5°C/41°F)	DPER7EA-9	X22EPR-U9
Spark plug gap		0.8–0.9 mm (0.031–0.035 in)	
Ignition timing	At idle	6°BTDC at 1,300 ± 250 (F mark)	
	Full advance	31° ± 2°BTDC at 4,000 min <sup>-1</sup> (rpm)	
Ignition coil resistance (20°C/68°F)	Primary coil	0.1–0.3Ω	
	Secondary coil (without spark plug cap)	7.4–11 kΩ	
Exciter coil resistance (20°C/68°F)		230–320 Ω	
Lighting coil resistance (20°C/68°F)		0.44–0.60 Ω	
Pulse generator resistance (20°C/68°F)		360–440 Ω	
Pulse generator rotor air gap		0.7 mm (0.027 in)	
Headlight		12V/35W (B model)	
		12V/25W (U model)	
Tail/stop light		12V/15/21W (B model)	
		12V/18/5W (U model)	
Turn signal light		12V/10W (U model only)	
Speedometer light		12V/3W	
High beam indicator light		12V/2W	
Position light		12V/4W	
Alternator/out put		150W/5,000 min <sup>-1</sup> (rpm)	
AC regulator specific voltage		13.5–14.5V/5,000 min <sup>-1</sup> (rpm)	

### TOOL

Digital multimeter

07411–0020000