

⚠ WARNING

- If the engine must be running to do some work, make sure the area is well-ventilated. Never run the engine in an enclosed area.
- The exhaust contains poisonous carbon monoxide gas that may cause loss of consciousness and lead to death.

Start the engine and increase the engine speed gradually and check that the voltage is regulated.

CAUTION

- Be careful not to short any tester probes.

Regulated Voltage: 12.6 –15.0V/5,000 min⁻¹ (rpm)

Regulator/Rectifier

System Inspection

Remove the seat cowl (page 2-4).

Disconnect the regulator/rectifier 6P connector.
Check the connectors for loose or corroded terminal.

Measure the following between connector terminal of the wire harness side.

Item	Terminals	Specification
Battery charging line	Red/White (+) and Green (-)	Battery voltage should register.
Ground line	Green and ground	Continuity exist.
Charging coil line	Yellow and Yellow	0–1.0Ω (20°C/68°F)

If the charging coil line reading is out of specification, check the alternator (page 14-8).

