

## CHARGING SYSTEM

### REGULATOR/RECTIFIER

#### SYSTEM INSPECTION

Remove the rear cowl (page 2-2).

Disconnect the regulator/rectifier 4P connector, and check it for loose contact or corroded terminals.

If the regulated voltage reading (see page 17-4) is out of the specification, measure the voltage between connector terminals (wire harness side) as follows:

Item	Terminal	Specification
Battery charging line	Red (+) and ground (-)	Battery voltage should resist
Charging coil line	White and ground	Standard resistance; 1 k – 20 k $\Omega$ (20°C/68°F)
Lighting coil line	Yellow and Green	Standard resistance; 10 k – 200 k $\Omega$ (20°C/68°F)
Ground line	Green and ground	Continuity should exist

If all components of the charging system are normal and there are no loose connections at the regulator/rectifier connectors, replace the regulator/rectifier unit.

#### REMOVAL/INSTALLATION

Remove the regulator/rectifier unit mounting bolt. Disconnect the connector and remove the regulator/rectifier unit.

Install the regulator/rectifier unit in the reverse order of removal.

