

ALTERNATOR CHARGING COIL

NOTE

It is not necessary to remove the stator coil to perform this test.

INSPECTION

Remove the seat cowl (page 2-2).

Disconnect the regulator/rectifier 3P white connector.

Check the resistance between all three Yellow terminals.

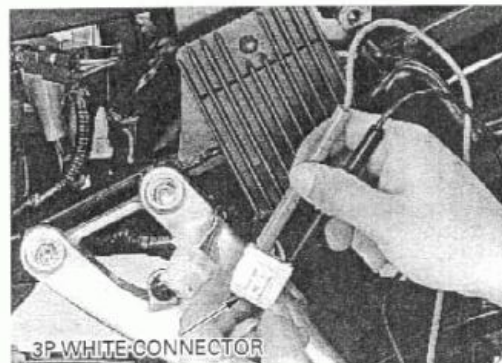
STANDARD: 0.1–1.0 Ω (at 20 °C/68 °F)

Check for continuity between all three Yellow terminals and ground.

There should be no continuity.

If readings are far beyond the standard, or if any wire has continuity to ground, replace the alternator stator.

Refer to section 10 for stator removal.



REGULATOR/RECTIFIER

SYSTEM INSPECTION

Remove the seat cowl (page 2-2).

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

If the regulated voltage reading (see page 16-9) is out of the specification, measure the voltage between connector terminals (wire harness side) as follows:

Item	Terminal	Specification
Battery charging line	Red/white (+) and ground (-)	Battery voltage should register
Charging coil line	Yellow and Yellow	0.1–1.0 Ω (at 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.

