

## BATTERY/CHARGING SYSTEM

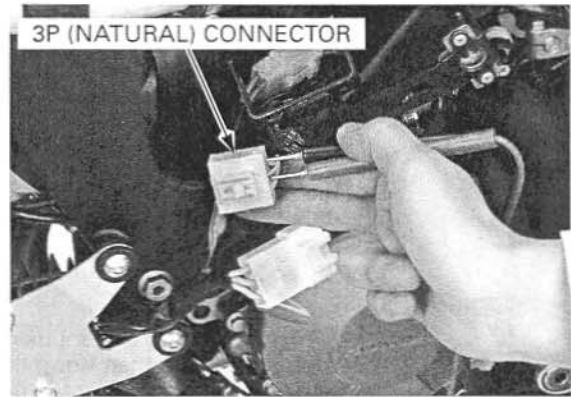
Check the resistance between all three Yellow terminals.

**STANDARD:** 0.1 – 1.0  $\Omega$  (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 page 11-4 for stator removal.



## REGULATOR/RECTIFIER

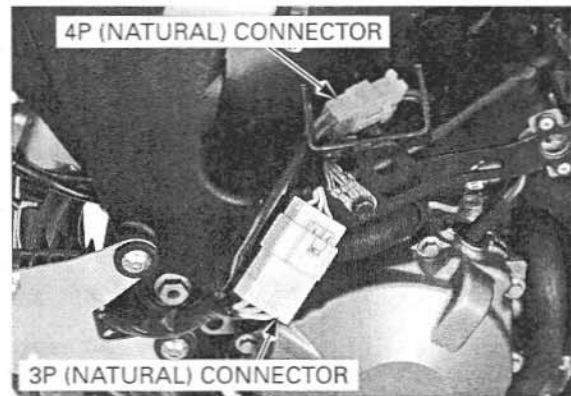
*It is not necessary to remove the stator coil to perform this test.*

### SYSTEM INSPECTION

Remove the following:

- Lower cowls (page 3-6)
- Middle cowls (page 3-7)

Disconnect the regulator/rectifier 4P (Natural) connector and alternator 3P (Natural) connector, and check it for loose contact or corroded terminals.



If the regulated voltage reading (page 17-3) is out of the specification, measure the voltage between connector terminals (wire harness side) as follow:

| Item                  | Terminal               | Specification                     |
|-----------------------|------------------------|-----------------------------------|
| Battery charging line | Red (+) and ground (-) | Battery voltage should appear     |
| Charging coil line    | Yellow and Yellow      | 0.1 – 1.0 $\Omega$ 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.

