

ALTERNATOR CHARGING COIL

INSPECTION

Remove the seat (page 2-2).

Disconnect the alternator 3P (white) connector.

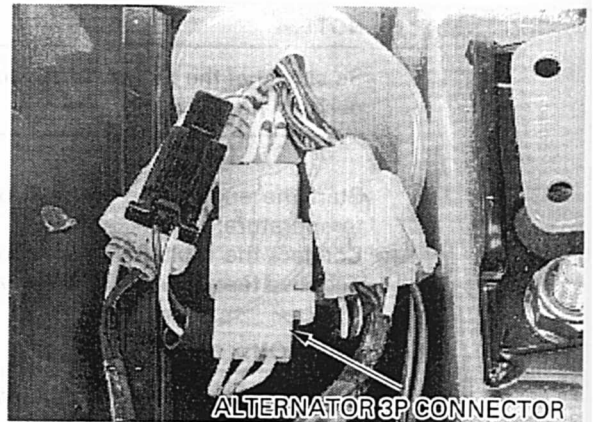
Measure the resistance between the wire terminals of the alternator side connector.

STANDARD: 0.2–0.5 Ω (68 °F/20 °C)

Check for continuity between each wire terminal of the alternator side connector and ground. There should not be continuity.

Replace the alternator stator if resistance is out of specification, or if any wire has continuity to ground.

Refer to section 10 for alternator stator replacement.



REGULATOR/RECTIFIER

WIRE HARNESS INSPECTION

Remove the seat cowl (page 2-2).

Disconnect the regulator/rectifier 6P (white) connector.

Check the connector for loose contact or corroded terminals.

BATTERY LINE

Measure the voltage between the red/white wire terminal and ground.

There should be battery voltage at all time.

GROUND LINE

Check the continuity between the green wire terminal and ground.

There should be continuity at all time.

CHARGING COIL LINE

Measure the resistance between the yellow wire terminals.

STANDARD: 0.2–0.5 Ω (68 °F/20 °C)

Check for continuity between each yellow wire terminal and ground.

There should not be continuity.

