

ELECTRIC STARTER

RELAY COIL LINE INSPECTION

Disconnect the ECM 21P (Black) connector (page 4-28).

Turn the ignition switch ON and engine stop switch "O". Squeeze the rear brake lever and push the starter switch.

Measure the voltage between the ECM 21P (Black) connector [1] of the wire harness side and ground.

TOOL:

Test probe, 2 pack **07ZAJ-RDJA110**

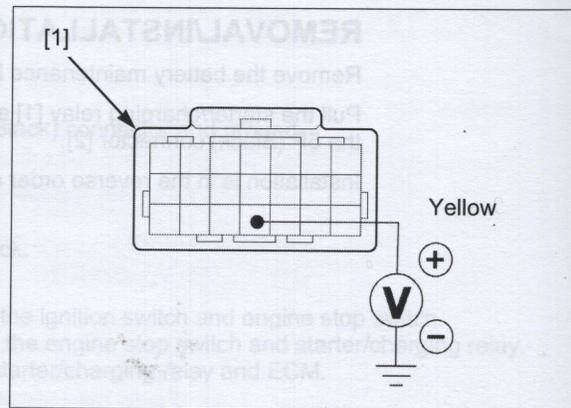
CONNECTION: Yellow (+) – ground (-)

STANDARD: Battery voltage

If there is battery voltage, relay coil line is normal.

If there is no voltage, inspect the following:

- Loose or poorly connected connector.
- Open circuit in Black/white wire between the ignition switch and engine stop switch.
- Open circuit in Black/green wire between the engine stop switch and starter/charging relay.
- Open circuit in Yellow wire between the starter/charging relay and ECM.



CONTINUITY INSPECTION

Remove the starter/charging relay (page 6-7).

Connect the ohmmeter to the following relay [1] connector terminals.

CONNECTION: A – C

Connect the 12V battery to the following relay connector terminals.

CONNECTION: D – E

There should be continuity when the battery voltage is connected and there should be no continuity when the battery voltage is disconnected.

Are the above inspection is abnormal, replace the starter/charging relay.

