

STARTER SYSTEM INSPECTION

CKP SENSOR LINE INSPECTION

Remove the luggage box (page 2-13).

Disconnect the CKP sensor 6P (Black) connector [1].

Turn the ignition switch ON and engine stop switch "O". Measure the voltage between the CKP sensor 6P (Black) connector of the ECM side and ground.

CONNECTION: White/red (+) – ground (–)
 White/blue (+) – ground (–)
 White/black (+) – ground (–)
 Blue/yellow (+) – ground (–)

STANDARD: 5 – 10 V

Measure the voltage between the CKP sensor 6P (Black) connector of the ECM side.

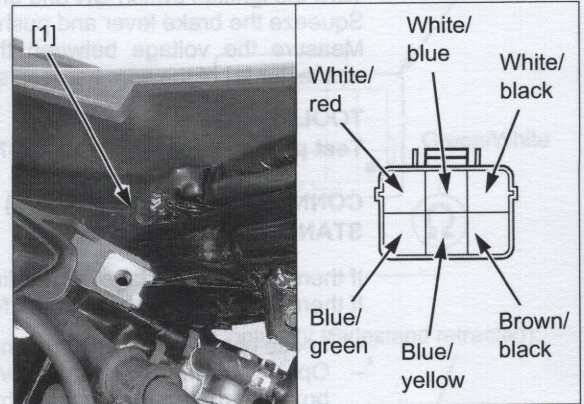
CONNECTION: Brown/black (+) – Blue/green (–)

STANDARD: Battery voltage

If there is standard voltage, CKP sensor lines are normal.

If there is no voltage, inspect the following:

- Loose or poor contacts of related terminal.
- Open circuit in wire harness between the ECM and CKP sensor connector.
- Faulty ECM.



STATOR INSPECTION

Disconnect the ECM 3P (Black) connector (page 4-28).

Measure the resistance at the ECM 3P (Black) connector [1].

CONNECTION: Red/yellow – Red/white
 Red/yellow – Red/blue
 Red/white – Red/blue

STANDARD: 0.03 – 0.20 Ω (20 °C/68 °F)

If there is standard value, stator is normal.

If the value is abnormal at any connection, inspect the following:

- Loose or poor contacts of related terminal.
- Open circuit in wire harness between the ECM and stator.

