

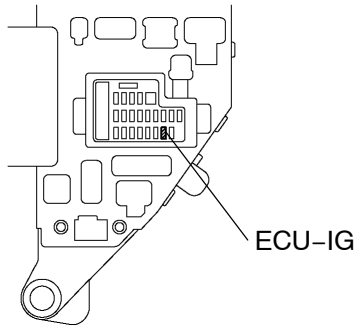
CIRCUIT DESCRIPTION

WIRING DIAGRAM



INSPECTION PROCEDURE**1 Check ECU-IG fuse.**

Cowl Side J/B



F04448

PREPARATION:

Remove the ECU-IG fuse from the cowl side J/B.

CHECK:

Check continuity of ECU-IG fuse.

OK:**Continuity****NG****Check for short circuit in all the harness and components connected to ECU-IG fuse (See attached wiring diagram).****OK****2 Check battery positive voltage.****OK:****Voltage: 10 – 14 V****NG****Check and repair the charging system (See page [CH-2](#)).****OK**

3 Check voltage of the ECU IG power source.

In case of using TOYOTA hand-held tester:

PREPARATION:

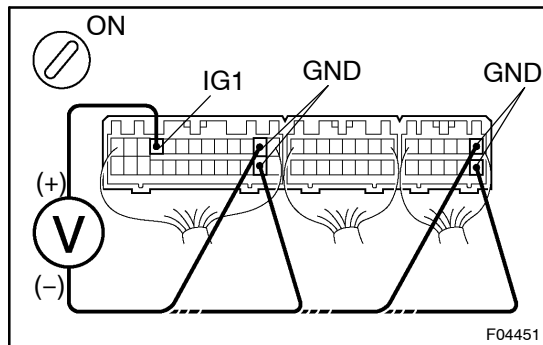
- (a) Connect the TOYOTA hand-held tester to the DLC3.
- (b) Turn the ignition switch ON and push the TOYOTA hand-held tester main switch ON.
- (c) Select the DATALIST mode on the TOYOTA hand-held tester.

CHECK:

Check the voltage condition output from the ECU displayed on the TOYOTA hand-held tester.

OK:

"Normal" is displayed.



In case of not using TOYOTA hand-held tester:

PREPARATION:

Remove the ABS ECU with connectors still connected.

CHECK:

- (a) Turn the ignition switch ON.
- (b) Measure voltage between terminals IG1 and GND of ABS ECU connector.

OK:

Voltage: 10 – 14 V

OK

Ignition switch OFF, check and replace ABS ECU.

NG

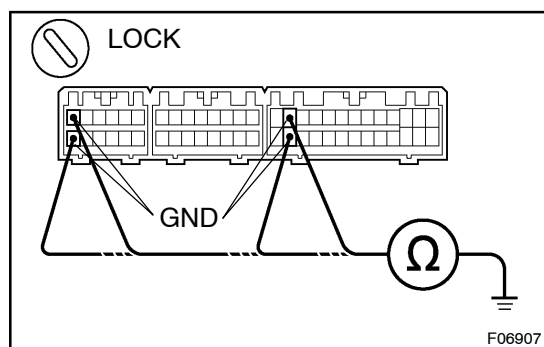
4 Check for open circuit in harness and connector between ABS ECU and battery (See page [IN-34](#)).

NG

Repair or replace harness or connector.

OK

5 Check continuity between terminal GND of ABS ECU connector and body ground.

**PREPARATION:**

Disconnect the connector from the ABS ECU.

CHECK:

Measure resistance between terminal GND of ABS ECU harness side connector and body ground.

OK:

Resistance: 1 Ω or less

NG

Repair or replace harness or connector.

OK

Proceed to next circuit inspection show on problem symptoms table (See page [DI-223](#)).