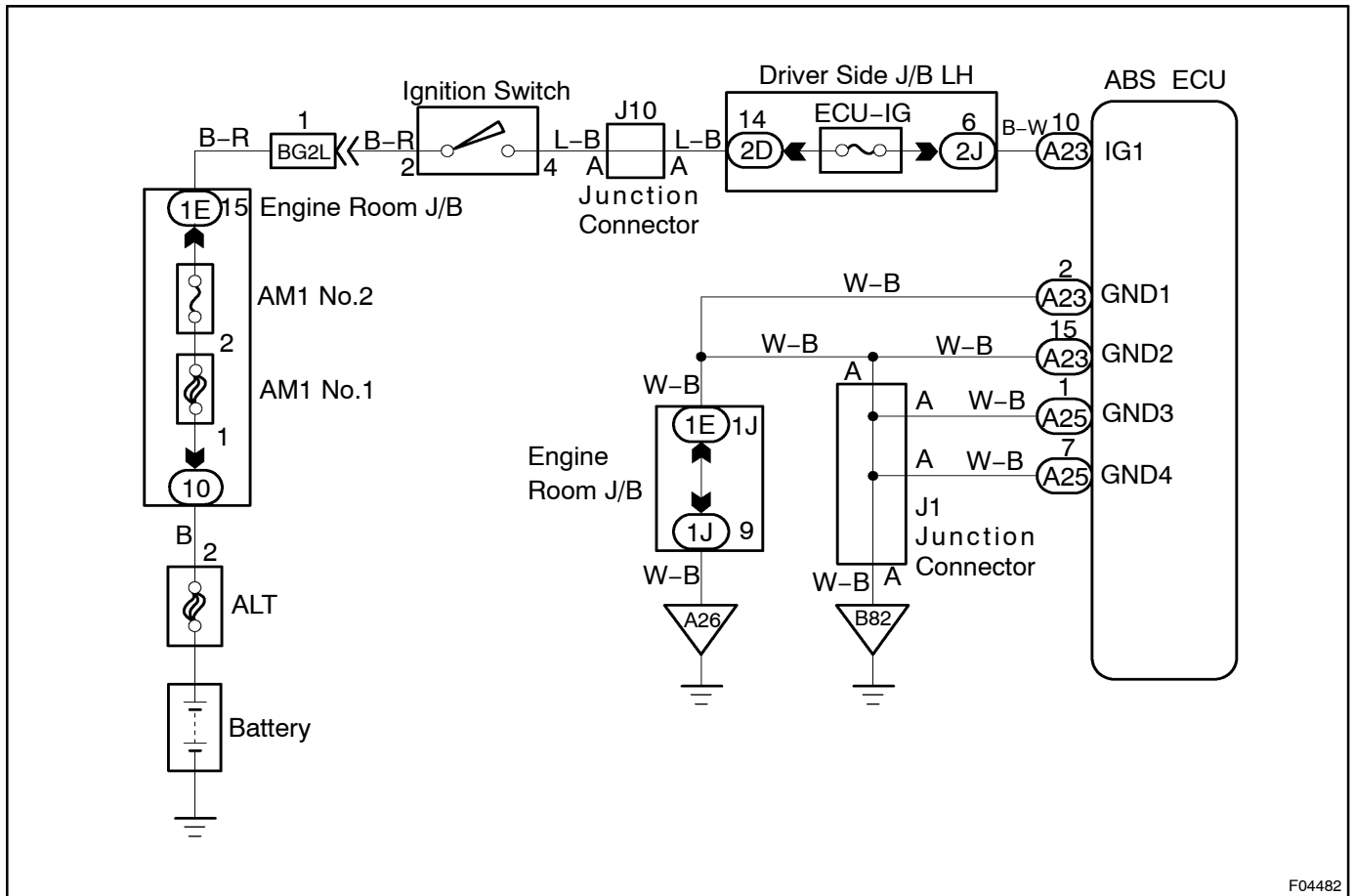


DTC	C1257 / 57	Power Supply Drive Circuit
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CIRCUIT DESCRIPTION

DTC No.	DTC Detecting Condition	Trouble Area
C1257 / 57	After the ignition switch has been turned ON, open or short circuit in circuit of power supply drive system inside ECU.	• Battery • Power source circuit • ABS ECU

WIRING DIAGRAM



F04482

INSPECTION PROCEDURE

1	Check battery positive voltage.
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OK:

Voltage: 10 – 14 V

NG**Check and repair the charging system.****OK**

2	Check voltage of the ECU IG power source.
----------	--

IN CASE OF USING LEXUS HAND-HELD TESTER:**PREPARATION:**

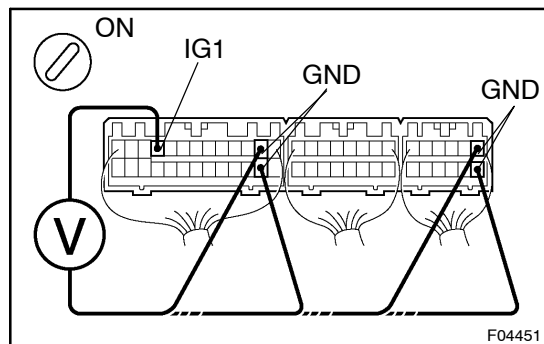
- (a) Connect the LEXUS hand-held tester to the DLC3.
- (b) Turn the ignition switch ON and push the LEXUS hand-held tester main switch ON.
- (c) Select the DATALIST mode on the LEXUS hand-held tester.

CHECK:

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

OK:**"Normal" is displayed.**

IN CASE OF NOT USING LEXUS HAND-HELD TESTER:



PREPARATION:

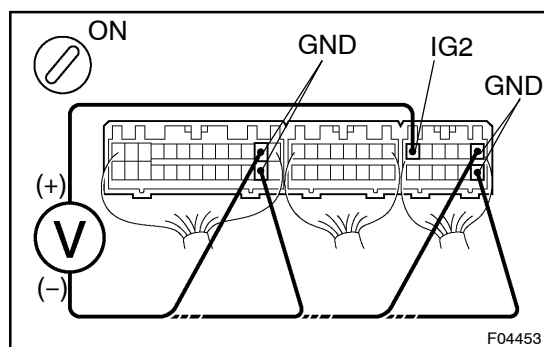
Remove ABS ECU with connectors still connected.

CHECK:

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

OK:

Voltage: 10 – 14 V



CHECK:

- (a) Turn the ignition switch ON.
- (b) Measure voltage between terminals IG2 and GND of ABS ECU connector.

OK:

Voltage: 10 – 14 V

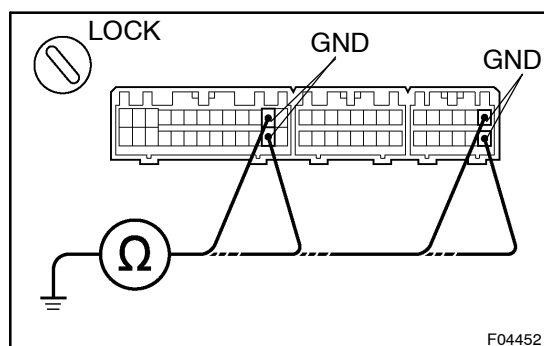
OK

Ignition switch OFF, check and replace ABS ECU.

NG

3

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



CHECK:

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

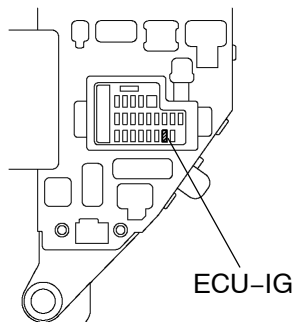
OK:

Resistance: 1 Ω or less

NG

Repair or replace harness or connector.

OK

4 Check ECU-IG fuse.Driver's
Side J/B

F04448

PREPARATION:

Remove ECU-IG fuse from the driver's 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****Check for open circuit in harness and connector between ABS ECU and battery (See page [IN-34](#)).**