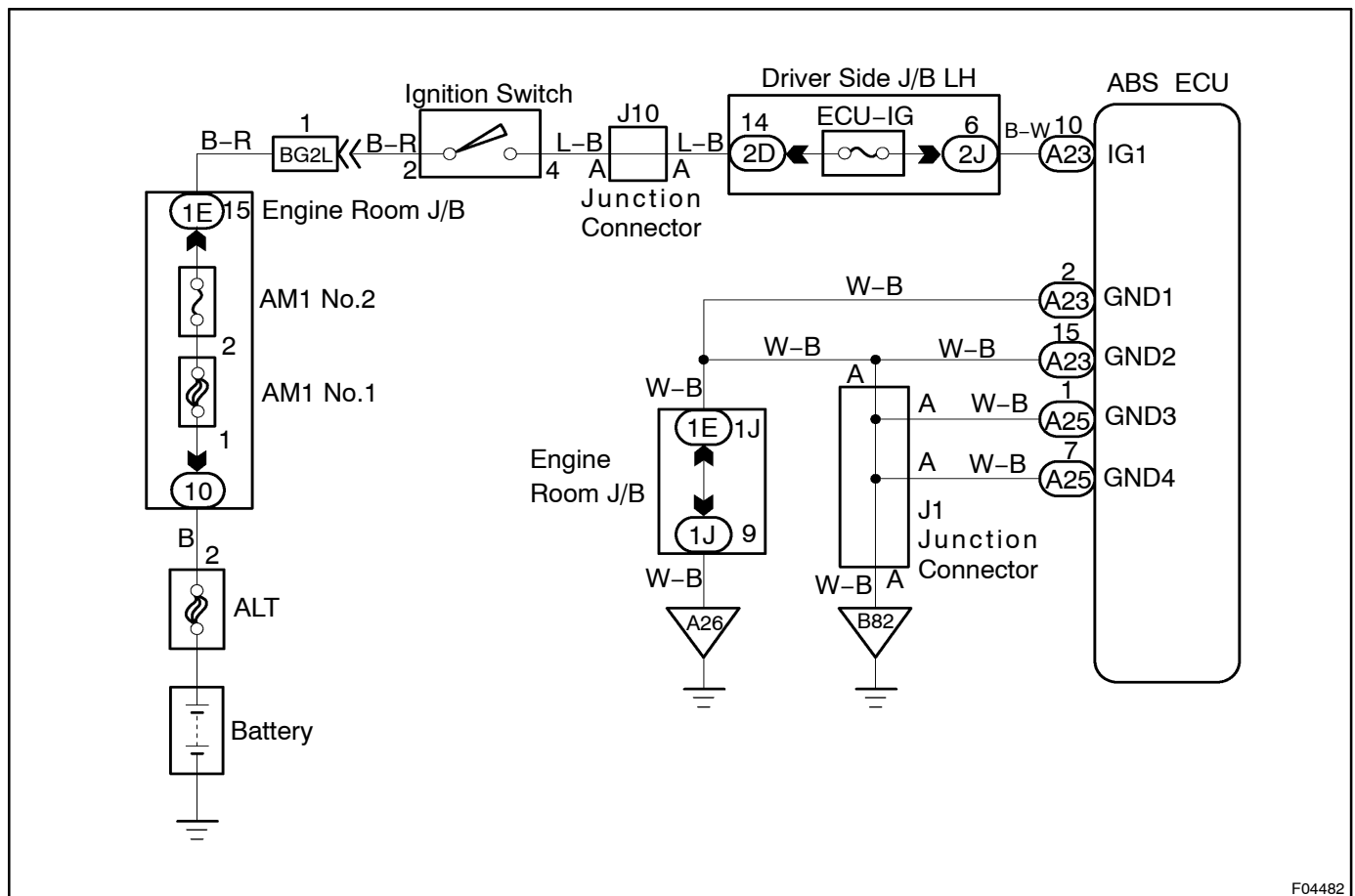


<b>DTC</b>	<b>C1257 / 57</b>	<b>Power Supply Drive Circuit</b>
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## CIRCUIT DESCRIPTION

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.	<ul style="list-style-type: none"> <li>• Battery</li> <li>• Power source circuit</li> <li>• ABS ECU</li> </ul>

## WIRING DIAGRAM



F04482

## INSPECTION PROCEDURE

1	Check battery positive voltage.
---	---------------------------------

**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:**

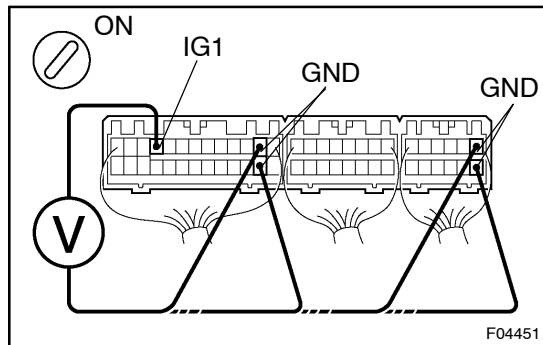
- (a) Connect the LEXUS hand-held tester to the DLC3.
- (b) Turn the ignition switch ON and push the LEXUS hand-held tester main switch ON.
- (c) Select the DATALIST mode on the LEXUS hand-held tester.

**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:**

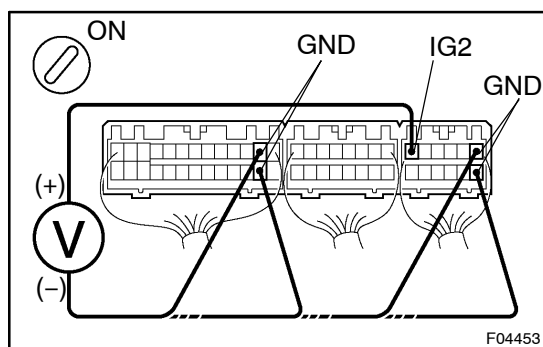
Remove ABS ECU with connectors still connected.

**CHECK:**

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

**OK:**

**Voltage: 10 – 14 V**

**CHECK:**

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

**OK:**

**Voltage: 10 – 14 V**

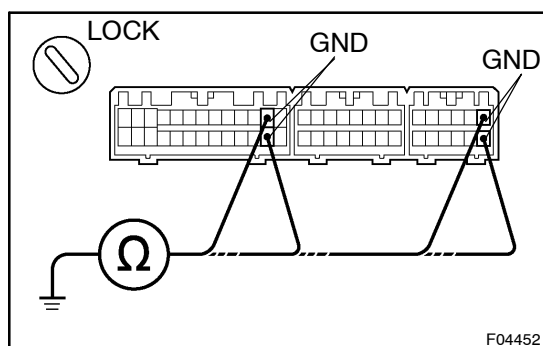
**OK**

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**

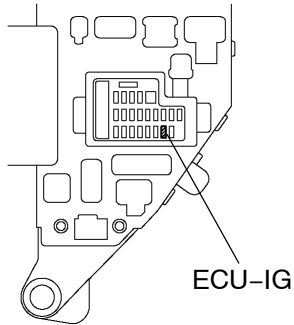
**NG**

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-33](#)).**