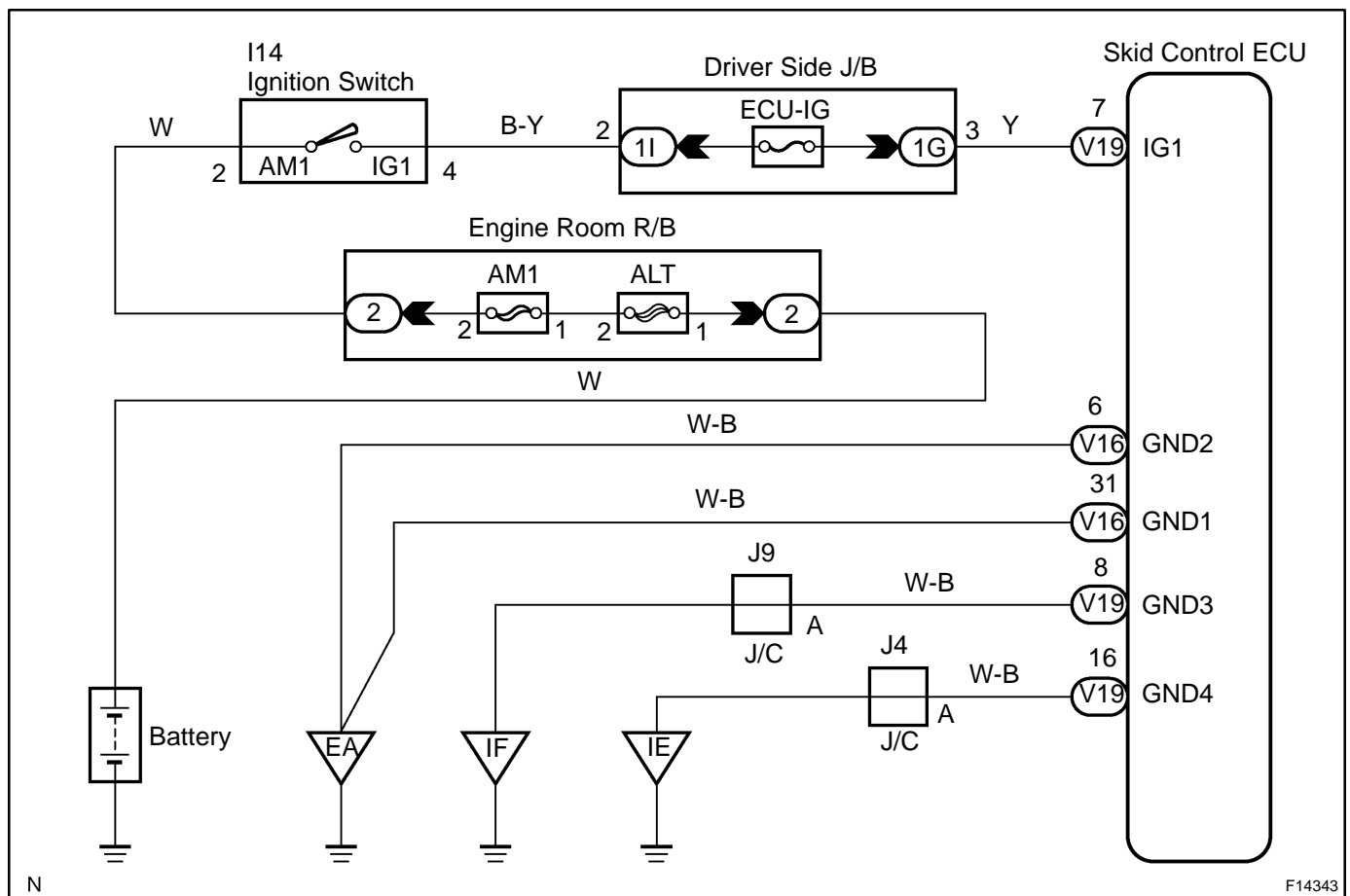


<b>DTC</b>	<b>C1257 / 57</b>	<b>Power Supply Drive Circuit</b>
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## CIRCUIT DESCRIPTION

DTC No.	DTC Detecting Condition	Trouble Area
C1257 / 57	When malfunction inside ECU is detected.	<ul style="list-style-type: none"> <li>Battery</li> <li>Power source circuit</li> <li>Skid control ECU</li> </ul>

## WIRING DIAGRAM



## INSPECTION PROCEDURE

<b>1</b>	<b>Check battery positive voltage.</b>
----------	--

**OK:**

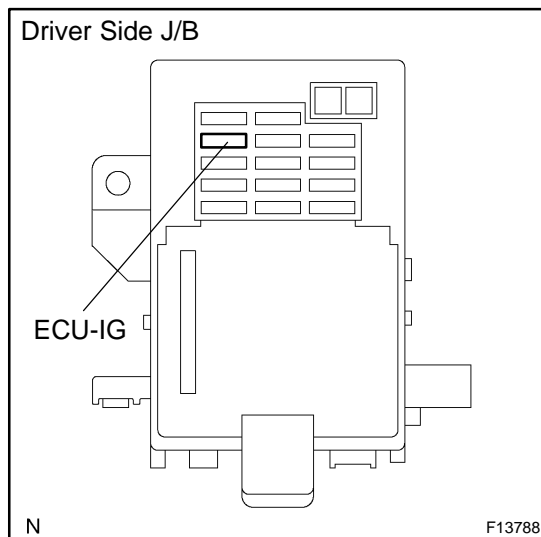
Voltage: 10 - 14 V

**NG**

**Check and repair the charging system.**

**OK**

<b>2</b>	<b>Check ECU-IG fuse.</b>
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**PREPARATION:**

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

**CHECK:**

Check continuity of the ECU-IG fuse.

**OK:**

**Continuity**

**NG**

**Check for short circuit in all the harnesses and components connected to ECU-IG fuse (See attached wiring diagram).**

**OK**

<b>3</b>	<b>Check voltage of ECU IG power source.</b>
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**In case of using the hand-held tester:**

**PREPARATION:**

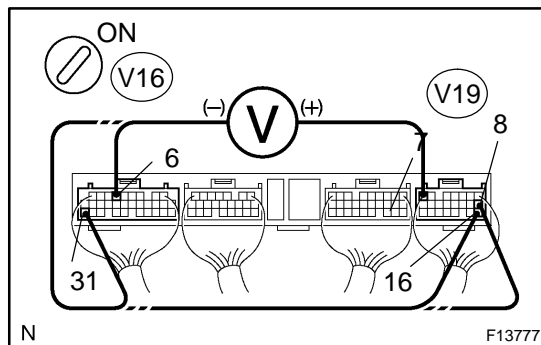
- (a) Connect the hand-held tester to DLC3.
- (b) Turn the ignition switch ON and push the hand-held tester main switch ON.
- (c) Select the DATALIST mode on the hand-held tester.

**CHECK:**

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

**OK:**

"Normal" is displayed.



**In case of not using the hand-held tester:**

**PREPARATION:**

Remove the skid control ECU with the connectors still connected.

**CHECK:**

- (a) Turn the ignition switch ON.
- (b) Measure voltage between terminals IG1 (V19 - 7) and GND (V16 - 6, 31, V19 - 8, 16) of the skid control ECU connector.

**OK:**

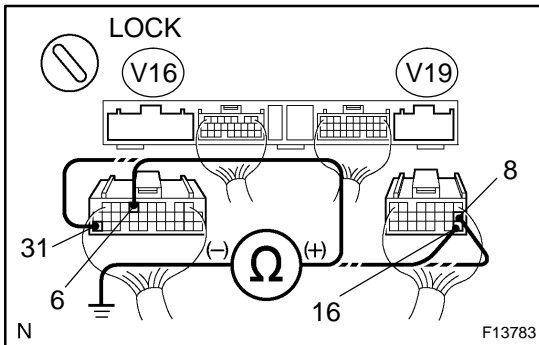
**Voltage: 10 - 14 V**

**OK**

**Check and replace skid control ECU.**

**NG**

#### 4 Check continuity between terminal GND of skid control ECU and body ground.



#### **PREPARATION:**

Disconnect the 2 connectors (V16, V14) from the skid control ECU.

#### **CHECK:**

Measure resistance between terminal GND (V16 - 6, 31, V19 - 8, 16) of the skid control ECU and body ground.

#### **OK:**

**Resistance: 1 Ω or less**

**NG**

**Repair or replace harness or connector.**

**OK**

Check for open circuit in harness and connector between skid control ECU and battery (See page [IN-28](#) ).