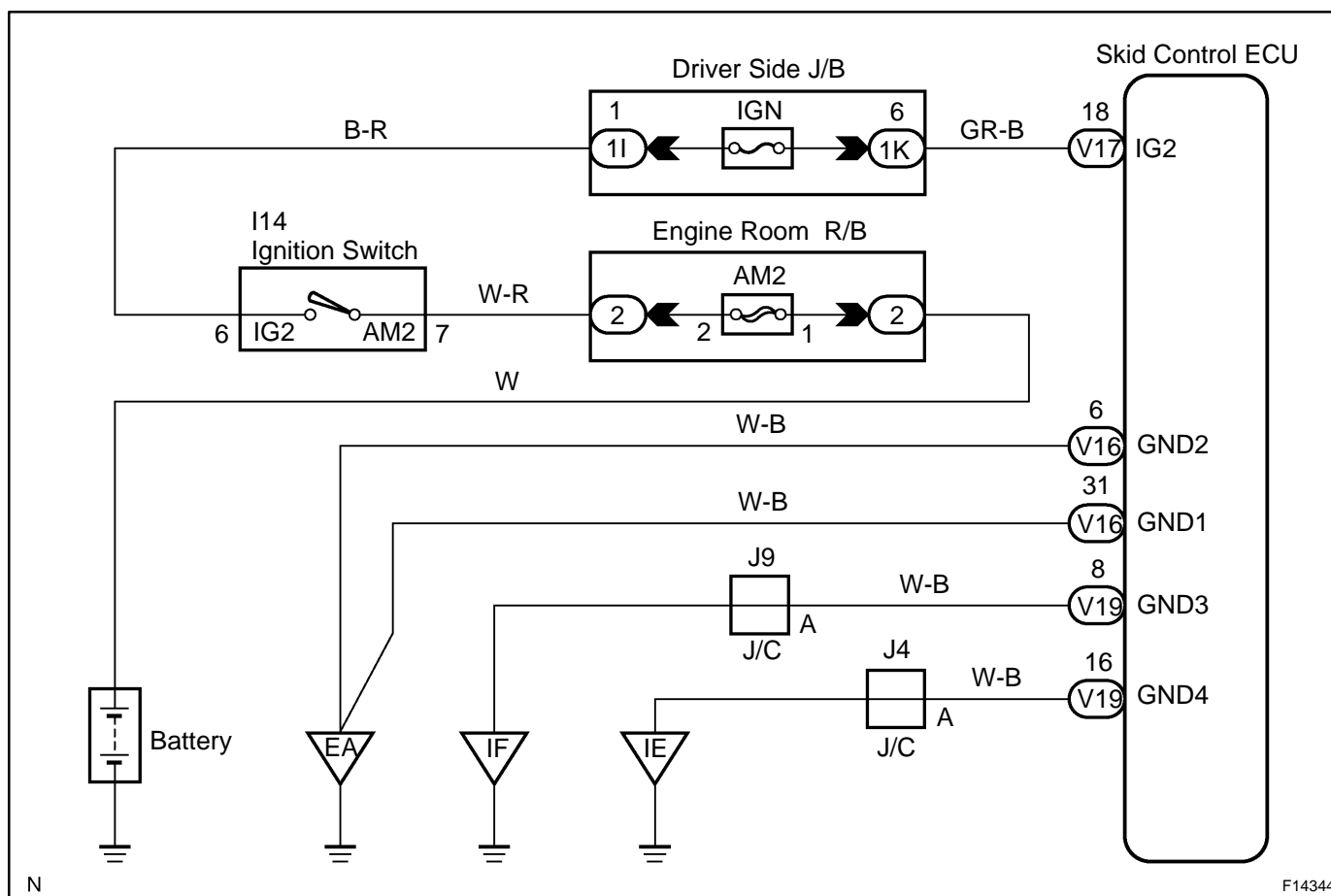


DTC	C1242 / 42	IG2 Power Source Circuit
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CIRCUIT DESCRIPTION

DTC No.	DTC Detecting Condition	Trouble Area
C1242 / 42	With the vehicle running, open circuit in IG2 is detected for more than 7 sec.	<ul style="list-style-type: none"> Battery Charging system Power source circuit

WIRING DIAGRAM



INSPECTION PROCEDURE

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

OK:

Voltage: 10 - 14 V

NG

Check and repair the charging system.

OK

2	Check voltage of ECU IG power source.
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In case of using the hand-held tester:**PREPARATION:**

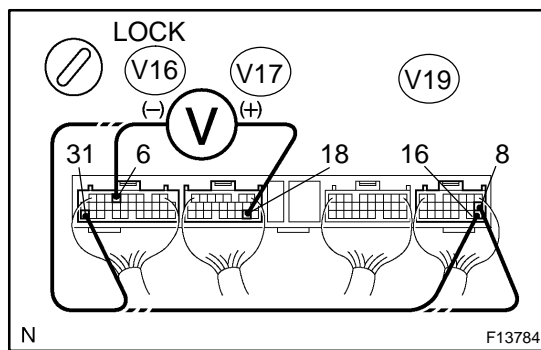
- (a) Connect the hand-held tester to DLC3.
- (b) Turn the ignition switch ON and push the hand-held tester main switch ON.
- (c) Select the DATALIST mode on the hand-held tester.

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 IG2 (V17 - 18) and GND (V16 - 6, 31, V19 - 8, 16) of the skid control ECU.

OK:

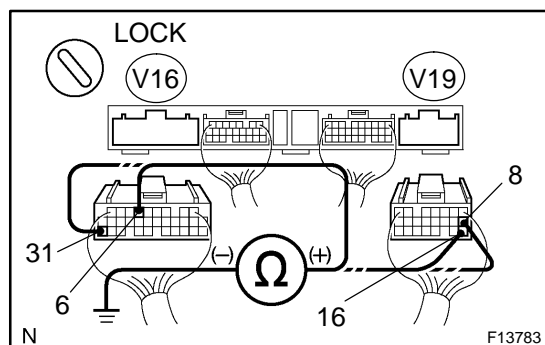
Voltage: 10 - 14 V

OK

Check and replace skid control ECU.

NG

3 Check continuity between terminal GND of skid control ECU connector and body ground.



PREPARATION:

Disconnect the connectors (V16, V19) from the skid control ECU.

CHECK:

Measure resistance between terminal GND (V16 - 6, 31, V19 - 8, 16) of the skid control ECU connector 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](#)).