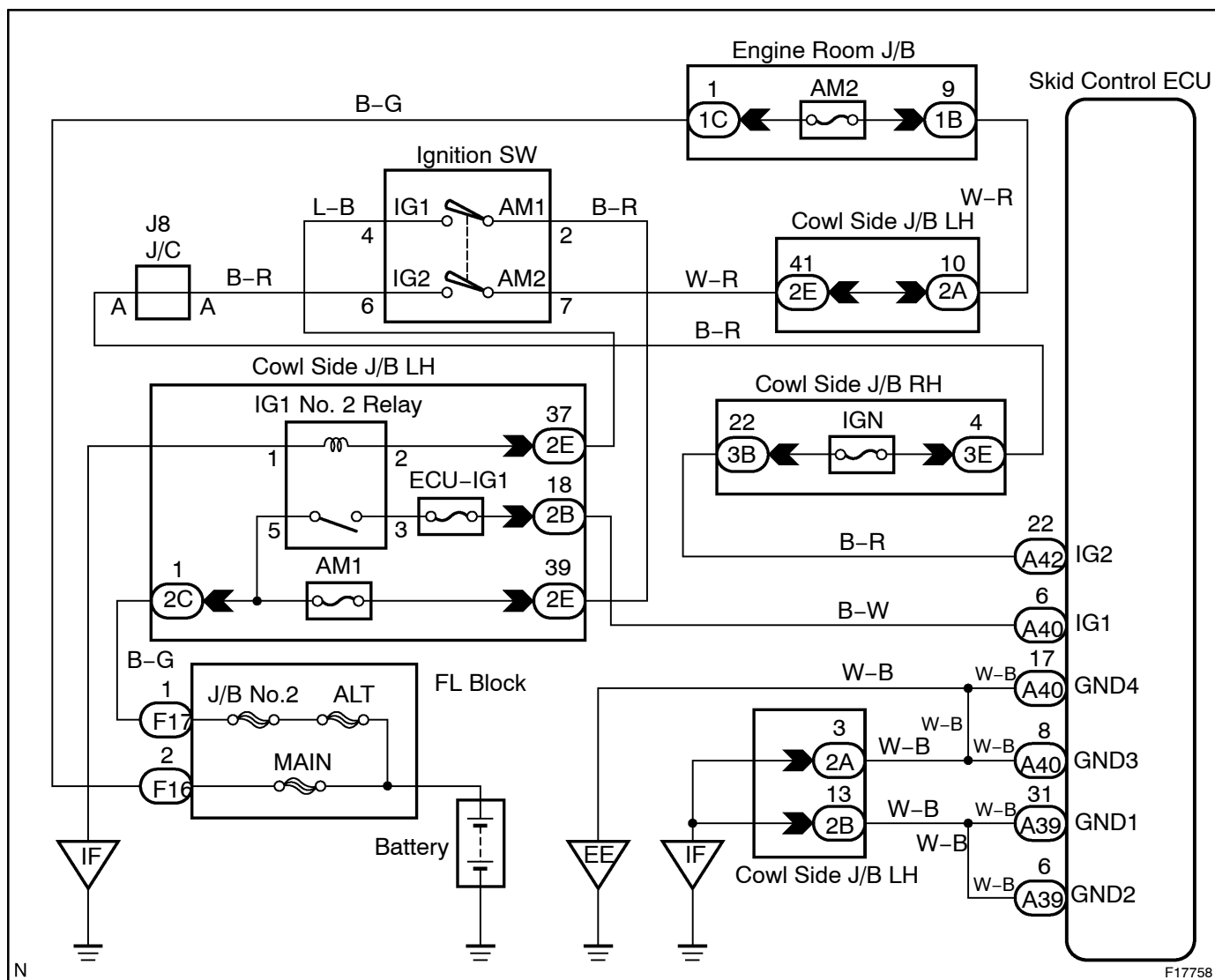


DTC	C1242 / 42	IG2 Power Source Circuit
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CIRCUIT DESCRIPTION

DTC No.	DTC Detecting Condition	Trouble Area
C1242 / 42	With the vehicle running, open circuit in IG2 is detected for more than 7 sec.	- Battery - IC regulator - 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 the ECU IG power source.
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In case of using the hand-held tester:

PREPARATION:

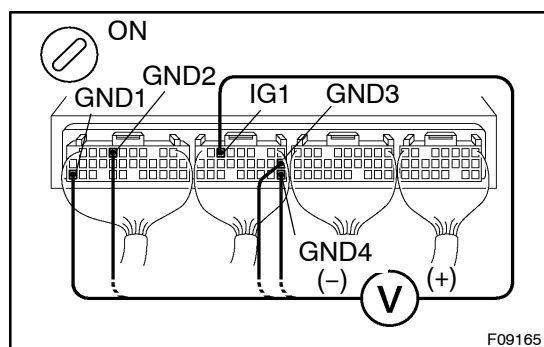
- Connect the hand-held tester to the DLC3.
- Turn the ignition switch ON and push the hand-held tester main switch ON.
- Select the DATALIST mode on the hand-held tester.

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 connectors still connected.

CHECK:

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

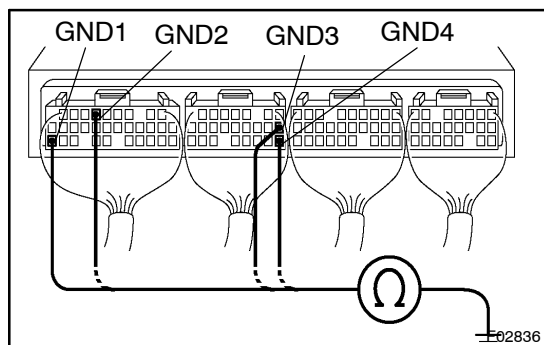
OK:

Voltage: 10 – 14 V

OK

Turn ignition switch OFF, check and replace skid control ECU.

NG

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

Measure resistance between terminal GND of 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-36](#)).