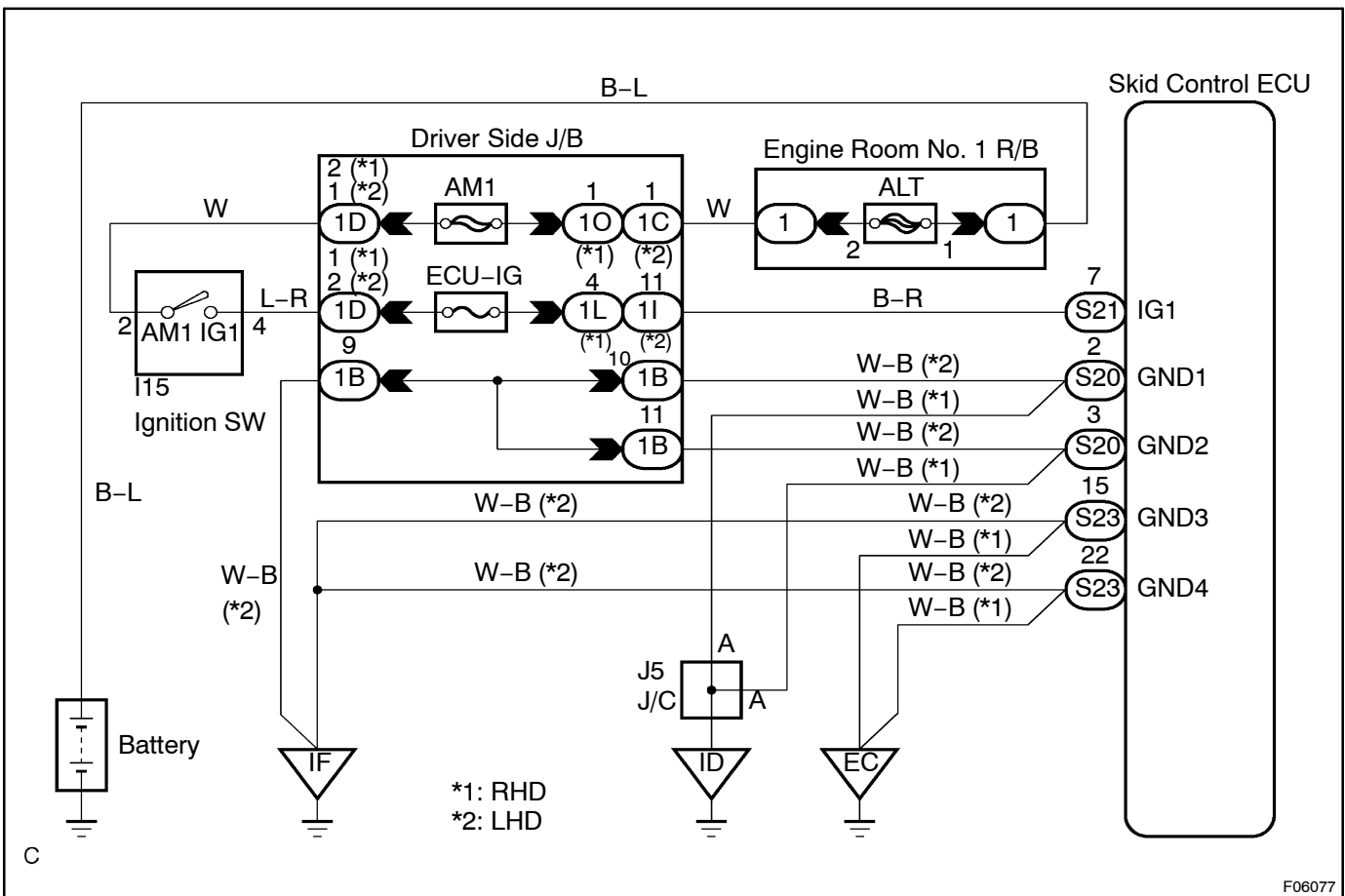


DTC	C1241 / 41	IG Power Source Circuit
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CIRCUIT DESCRIPTION

DTC No.	DTC Detecting Condition	Trouble Area
C1241 / 41	Detection of any of conditions 1. through 2.: 1. Vehicle speed is 3 km/h (1.9 mph) or more and voltage of ECU terminal IG remains at below 9.5 V for more than 10 sec. 2. While the condition that the solenoid relay is ON continues, ECU terminal IG1 voltage becomes 9.5 V or less, and the condition that the contact point of the solenoid relay is OFF continues for 0.2 sec. or more.	<ul style="list-style-type: none"> • Battery • Charging system • Power source circuit • Skid control ECU

WIRING DIAGRAM



C

F06077

INSPECTION PROCEDURE

1	Check ECU-IG fuse.
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PREPARATION:

Remove ECU-IG fuse from driver 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

2	Check battery voltage.
----------	-------------------------------

OK:

Voltage: 10 - 14 V

NG

Check and repair the charging system (See page 1G-FE: CH-1 of Pub. No. RM684E, 2JZ-GE: CH-1).

OK

3	Check voltage of the ECU IG power source.
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In case of using the hand-held tester.

PREPARATION:

- (a) Connect the hand-held tester to the 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.

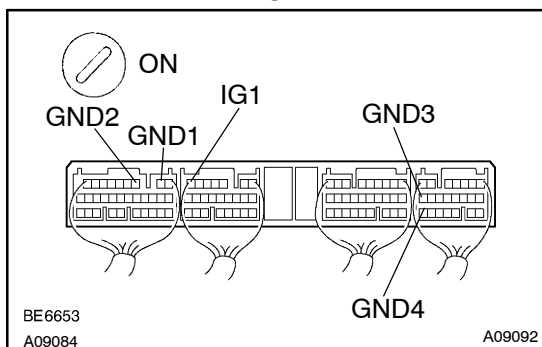
CHECK:

Check the voltage condition output from the ECU displayed by 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:

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

OK:

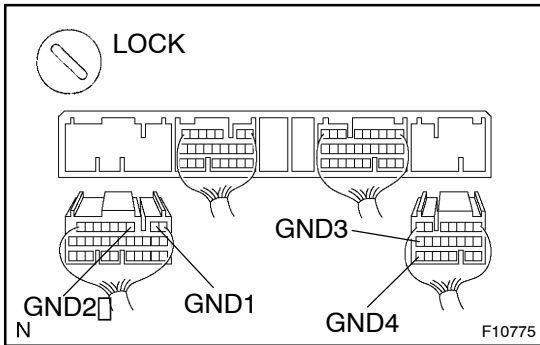
Voltage: 10 - 14 V

OK

Ignition switch OFF, check and replace skid control ECU.

NG

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

**CHECK:**

- (a) Disconnect the 2-pin connector from the skid control ECU.
- (b) 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-34).