

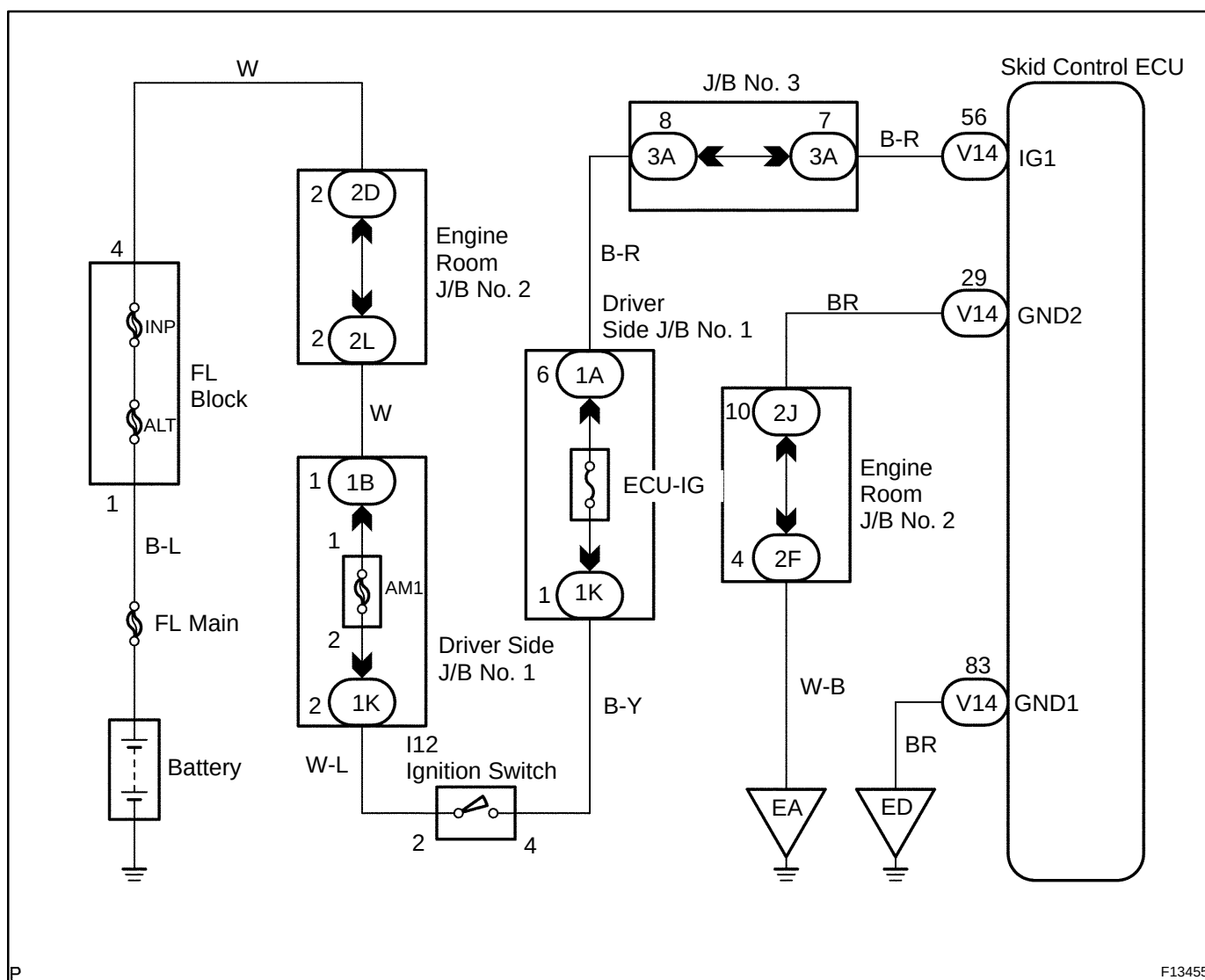
DTC	C1241 / 41	IG Power Source Circuit
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CIRCUIT DESCRIPTION

This is the power source for the ECU, hence the brake actuators.

DTC No.	DTC Detecting Condition	Trouble Area
C1241 / 41	At a vehicle speed of 6 km/h (4 mph) or more, the condition that low battery voltage is 9.8 V or less (during non-operation of ABS control) or 9.4 V or less (during operation of ABS control) and high battery voltage is more than 17.4 V, continues for 0.5 sec. or more.	• Battery • Charging system • Power source circuit

WIRING DIAGRAM

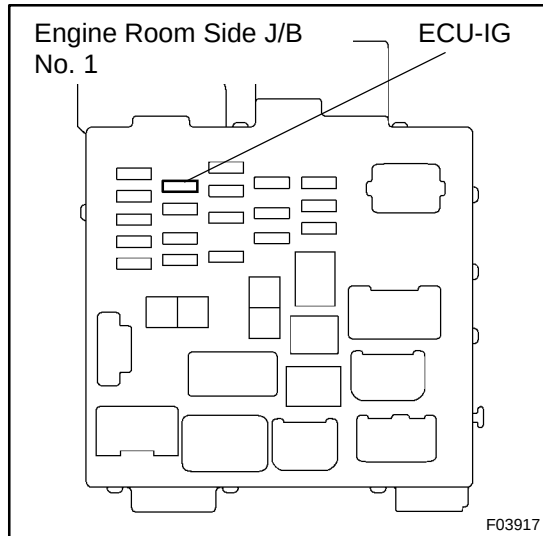


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F13455

INSPECTION PROCEDURE

1 Check ECU-IG fuse.



PREPARATION:

Remove the ECU-IG fuse from the driver side J/B No. 1.

CHECK:

Check continuity of the ECU-IG fuse.

OK:

Continuity

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

OK

2 Check battery positive voltage.

OK:

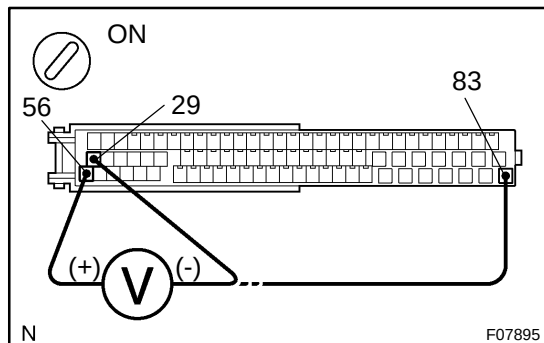
Voltage: 10 - 14 V

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Check and repair the charging system (See page [CH-2](#)).

OK

3 Check voltage between terminals IG1 (56) and GND (29, 83) of skid control ECU.

**PREPARATION:**

Disconnect the connector from the skid control ECU.

CHECK:

- Turn the ignition switch ON.
- Measure the voltage between terminals 56 and 29, 83 of skid control ECU harness side connector.

OK:

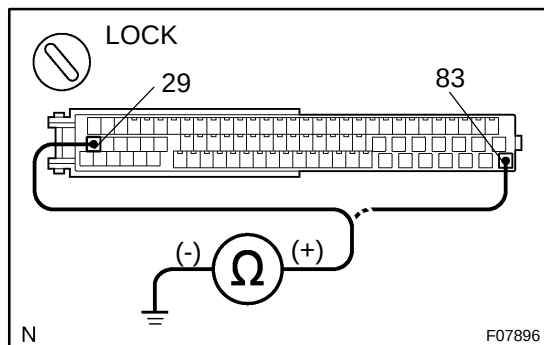
Voltage: 10 - 14 V

OK

Check and replace skid control ECU.

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4 Check continuity between terminals GND (29, 83) of skid control ECU and body ground.

**CHECK:**

Measure the resistance between terminal 29, 83 of skid control ECU harness side connector and body ground.

OK:

Resistance: 1 Ω or less

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Repair or replace harness or connector.

OK

Check for open circuit in harness and connector between skid control ECU and ECU-IG fuse (See page [IN-31](#)).