

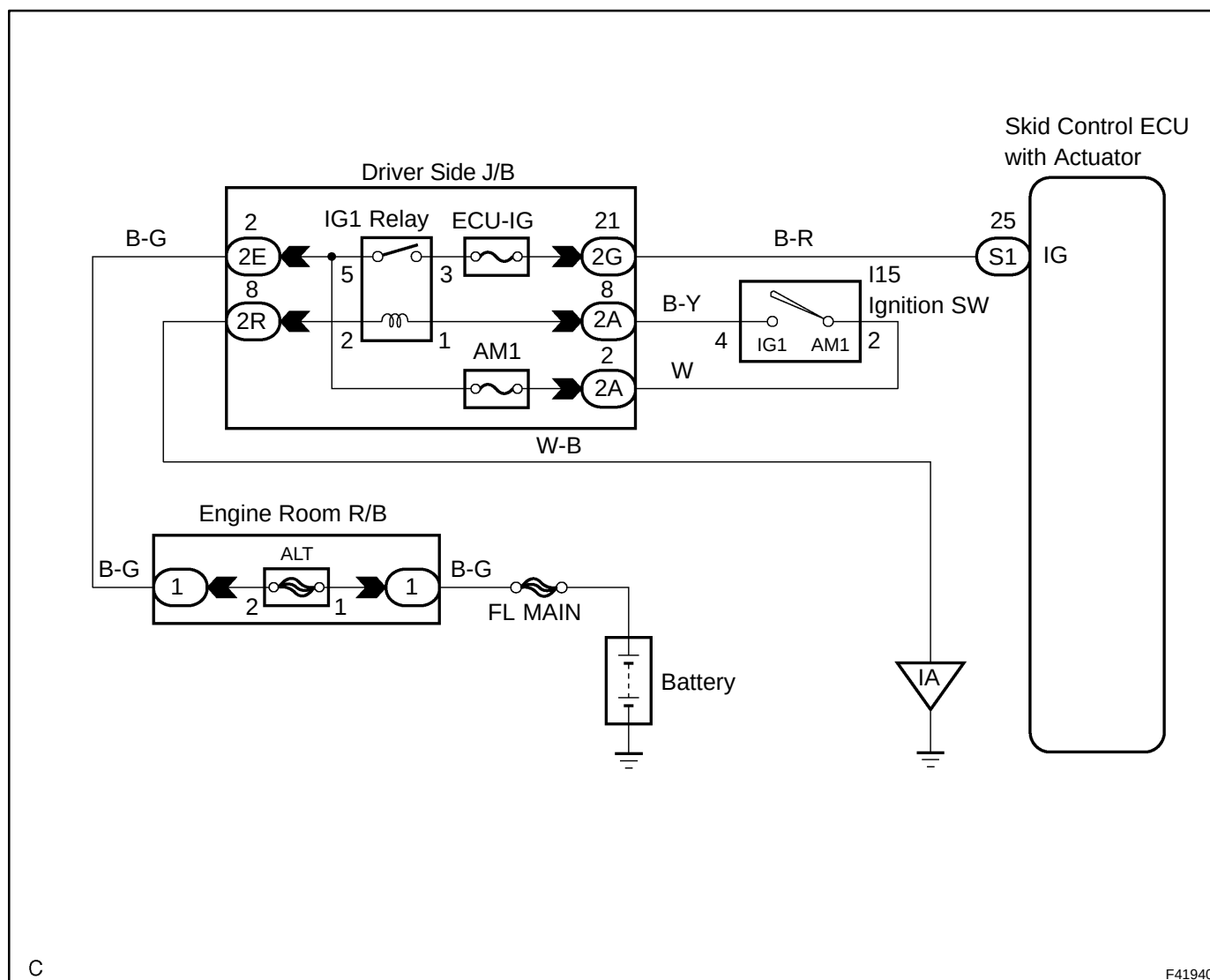
DTC	C1241/41	LOW BATTERY POSITIVE VOLTAGE OR ABNORMALLY HIGH BATTERY POSITIVE VOLTAGE
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CIRCUIT DESCRIPTION

This is the power source for the ECU and hence for the CPU and ABS actuator.

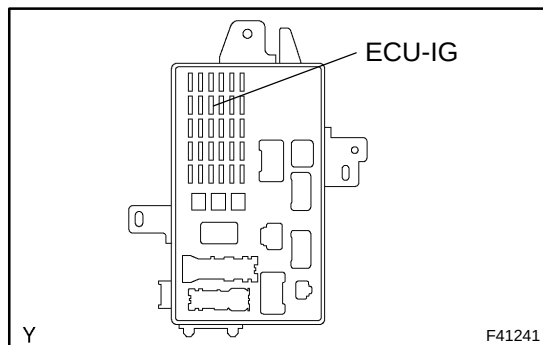
DTC No.	DTC Detection Condition	Trouble Area
C1241/41	Condition 1. or 2. is detected: - Vehicle speed is at 3 km/h (1.9 mph) or more and ECU terminal IG voltage is 9.5 V or less, which continues for 10 sec. or more - When IG terminal voltage is less than 9.5 V, there is open circuit in the motor relay or in the solenoid relay, or the solenoid circuit malfunction.	- Power source harness and connector - Battery - Charging system - Power source circuit

WIRING DIAGRAM



INSPECTION PROCEDURE

1 INSPECT FUSE(ECU-IG OF DRIVER SIDE J/B)



- (a) Remove the ECU-IG fuse from the driver side J/B.
- (b) Check the continuity of the ECU-IG fuse.

OK: Continuity

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REPLACE FUSE

OK

2 INSPECT BATTERY(TERMINAL VOLTAGE)

OK: 10 - 14 V

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CHECK AND REPLACE CHARGING SYSTEM

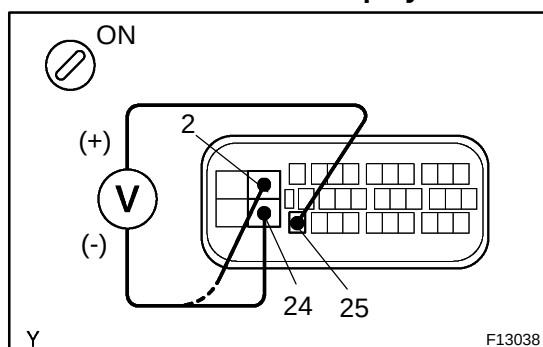
OK

3 CHECK VOLTAGE OF ECU IG POWER SOURCE

In case of using the hand-held tester:

- (a) Select the item "IG VOLTAGE" in the DATA LIST and read its value displayed on the hand-held tester.
- (b) Check the voltage condition output from the ECU and displayed on the hand-held tester.

OK: "Normal" is displayed.



In case of not using the hand-held tester:

- (a) Disconnect the skid control ECU connector.
- (b) Turn the ignition switch ON.
- (c) Measure the voltage between terminals 25 and 2 or 24 of the skid control ECU connector.

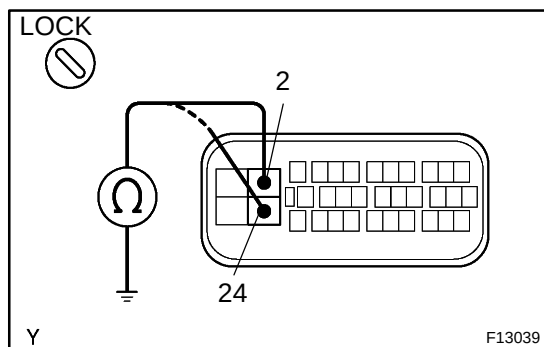
OK: 10 - 14 V

OK

CHECK AND REPLACE BRAKE ACTUATOR ASSY

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4 CHECK CONTINUITY(GND OF SKID CONTROL ECU CONNECTOR - BODY GROUND)



- (a) Measure the resistance between terminals 2 and 24 of the skid control ECU connector and the body ground.
OK: 1 Ω or less

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CHECK AND REPAIR HARNESS AND CONNECTOR

OK

CHECK AND REPLACE BRAKE ACTUATOR ASSY