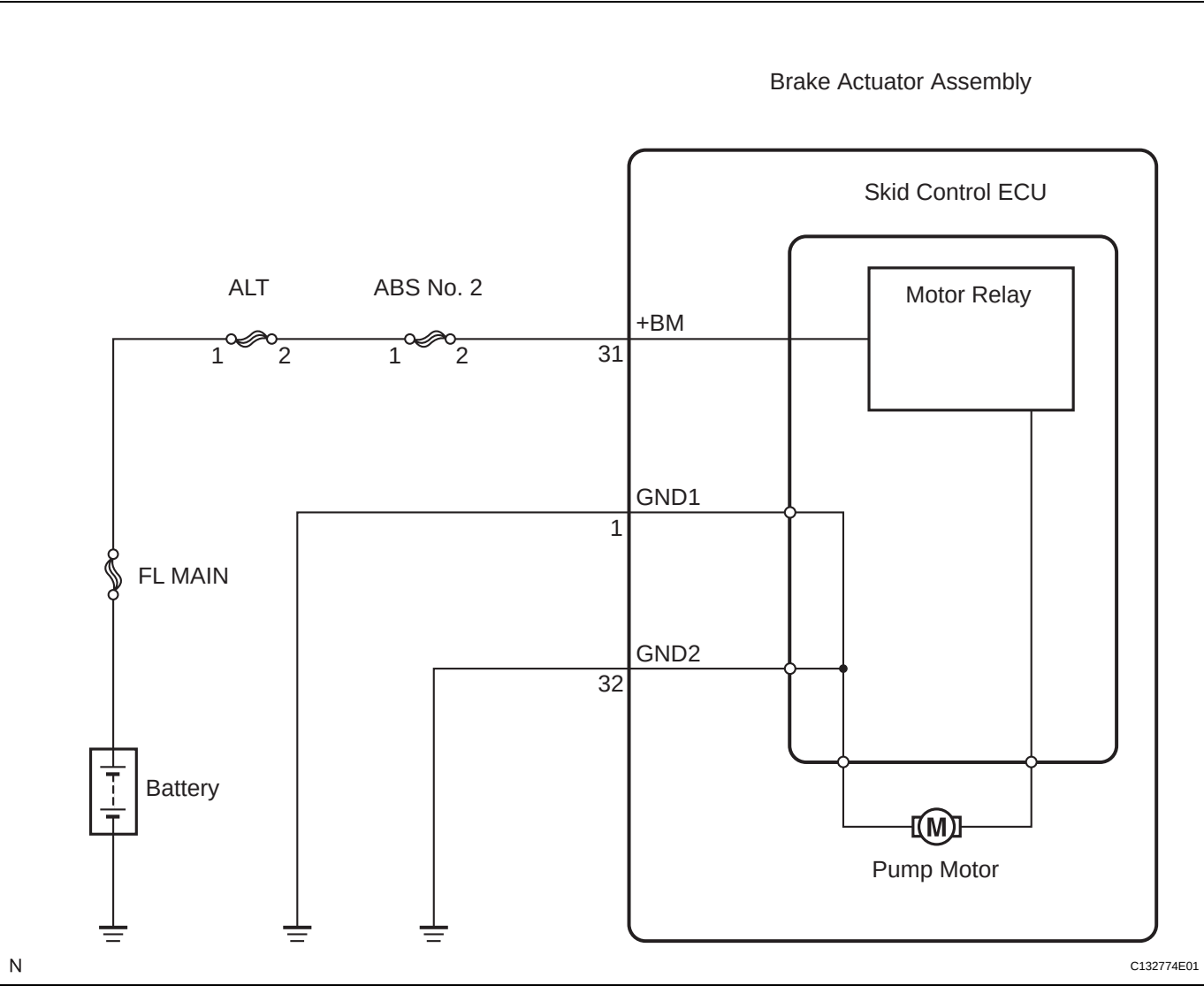


DTC C1251/51 Open in Pump Motor Circuit

DESCRIPTION

DTC No.	DTC Detecting Condition	Trouble Area
C1251/51	Motor terminal circuit is open / short during initial check immediately after the motor relay turns off (pump motor does not rotate).	- ABS pump motor - Brake actuator assembly

WIRING DIAGRAM



INSPECTION PROCEDURE

1 PERFORM ACTIVE TEST BY INTELLIGENT TESTER (ABS MOTOR RELAY)

- Connect the intelligent tester to the DLC3.
- Turn the ignition switch to the ON position.
- Select the ACTIVE TEST mode on the intelligent tester.

- (d) Check the operation sound of the ABS pump motor when operating it with the intelligent tester.

Item	Vehicle Condition / Test Details	Diagnostic Note
ABS MOT RELAY	Turns ABS motor relay ON / OFF	Operation sound of motor can be heard

OK:
The operation sound of the ABS motor should be heard.

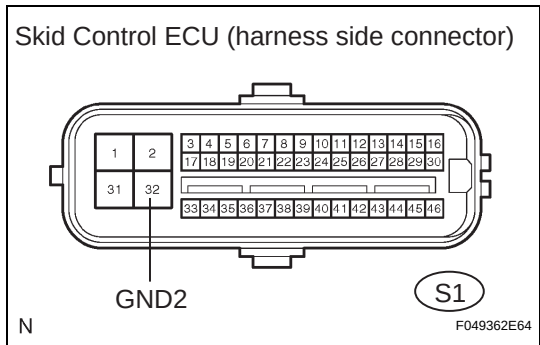
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Go to step 2

OK

REPLACE BRAKE ACTUATOR ASSEMBLY

2 INSPECT SKID CONTROL ECU (GND TERMINAL)



- (a) Disconnect the skid control ECU connector.
(b) Measure the resistance according to the value(s) in the table below.

Standard resistance

Tester Connection	Specified Condition
S1-32 (GND2) - Body ground	Below 1 Ω

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REPAIR OR REPLACE HARNESS OR CONNECTOR (GND CIRCUIT)

OK

3 RECONFIRM DTC

- (a) Clear the DTCs (See page [BC-13](#)).
(b) Drive the vehicle at a speed of 4 mph (6 km/h) or more.
(c) Are the same DTCs recorded? (See page [BC-13](#))
HINT:
The skid control ECU inspects the motor relay circuit when the stop light switch is turned off and the vehicle is running at a speed of 4 mph (6 km/h) or more.

NO

END

YES

REPLACE BRAKE ACTUATOR ASSEMBLY