

DTC	C1251 / 51	Hydraulic Brake Booster Pump Motor Malfunction
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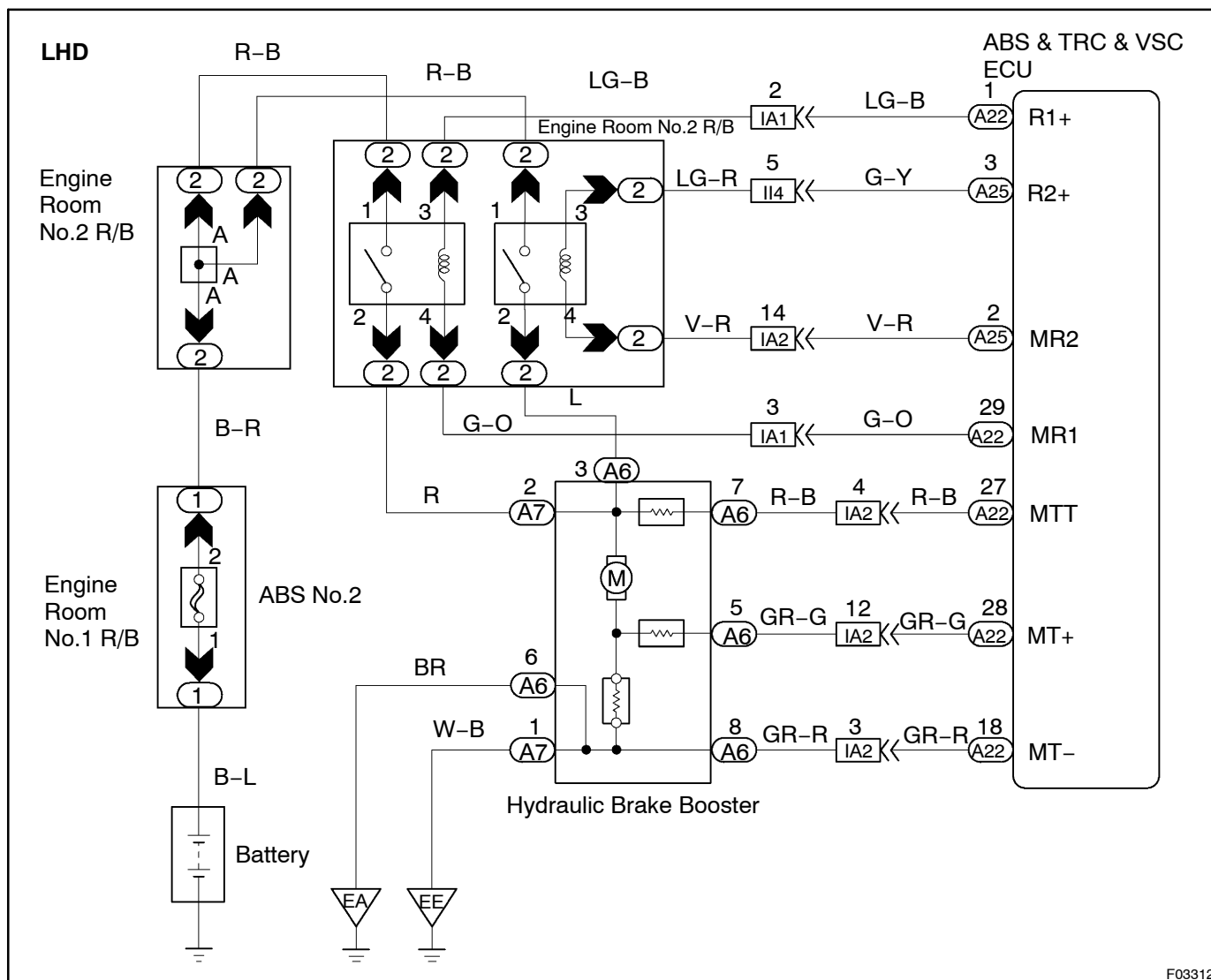
CIRCUIT DESCRIPTION

DTC No.	DTC Detecting Condition	Trouble Area
C1251/51	Either of the following (1) or (2) is detected: (1) After turning the ignition switch ON, the current of more than 28 A flows to the motor for more than 1 sec. (2) After turning the ignition switch ON, less than 7 A change in current is detected more than 3 times in a row when the motor is ON.	• Hydraulic brake booster pump motor

Fail safe function:

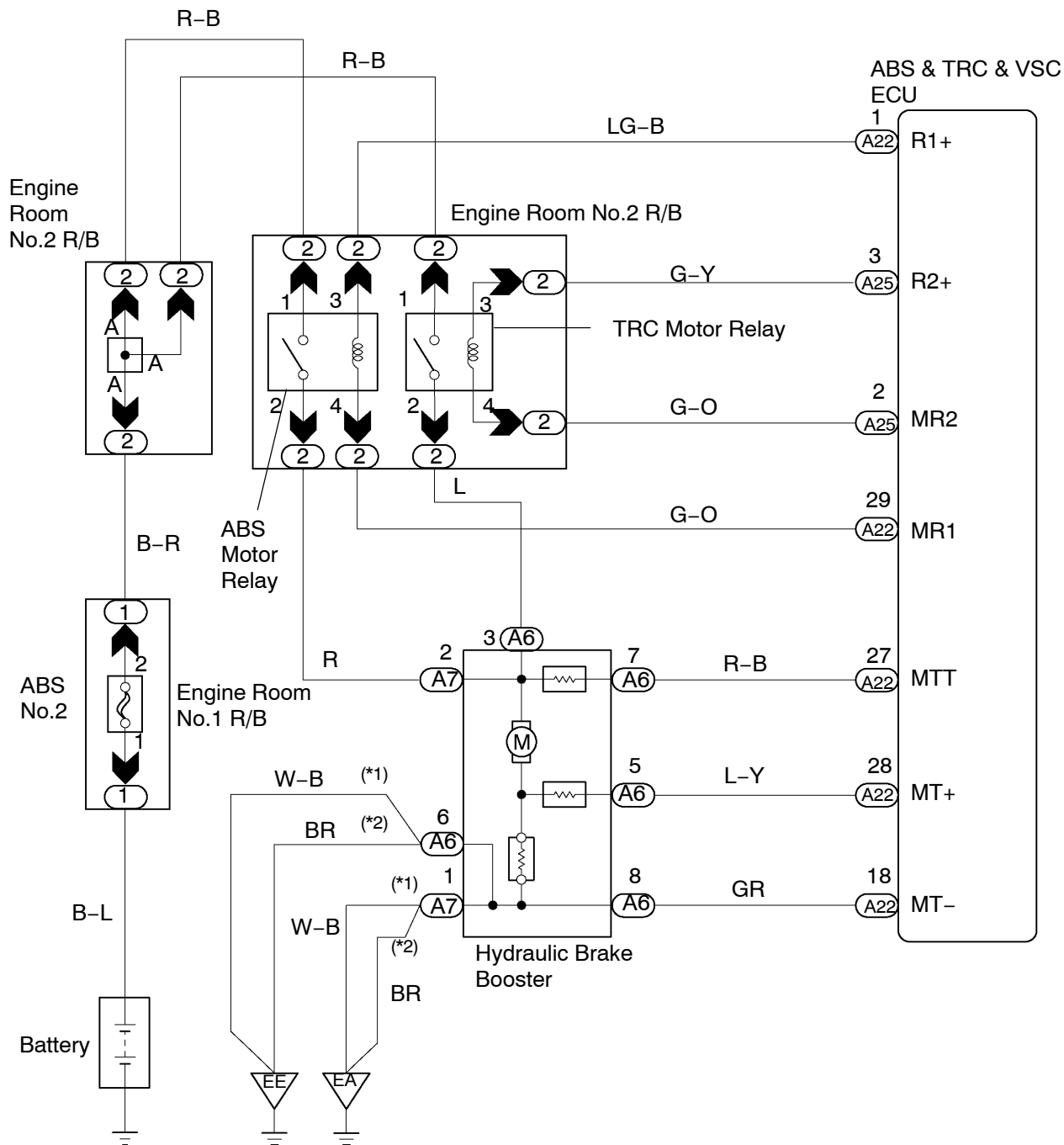
If trouble occurs in the pump motor, the ECU cuts off current to the ABS solenoid relay and prohibits ABS & TRC & VSC controls and the brake system becomes normal.

WIRING DIAGRAM



F03312

RHD

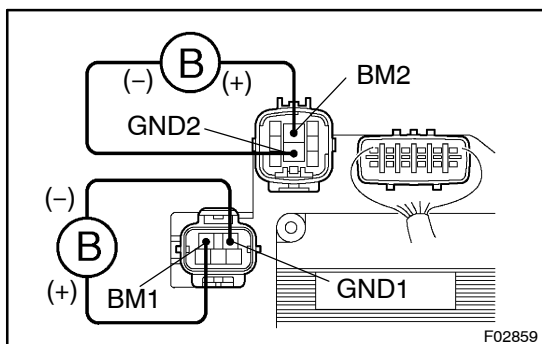


(*1) : Australia

(*2) : Europe

INSPECTION PROCEDURE

1 Check operation of hydraulic brake booster pump motor.



PREPARATION:

Disconnect the 2 connectors from the hydraulic brake booster.

CHECK:

Connect battery positive $\oplus$ lead to BM1 or BM2 terminal and battery negative $\ominus$ lead to GND1 or GND2 terminal of the hydraulic brake booster (pump motor) connector.

OK:

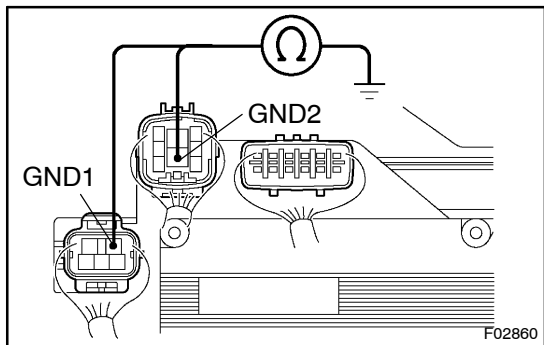
The operation sound of the pump motor should be heard.

OK

Go to step 3.

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- 2 Check continuity between GND terminal of hydraulic brake booster (pump motor) connector and body ground.**

**CHECK:**

Check continuity between each of GND1 and GND2 terminals of hydraulic brake booster (pump motor) connector and body ground.

OK:

Continuity

OK

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Repair or replace harness or connector.

Replace hydraulic brake booster pump motor.

- 3 Check for open circuit in harness and connector between hydraulic brake booster (pump motor) and ABS & TRC & VSC ECU (See page IN-29).**

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Repair or replace harness or connector.

OK

- | | |
|----------|---|
| 4 | Check for open or short circuit in harness and connector between pressure switch and ABS & TRC & VSC ECU (See page IN-29). |
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NG**Repair or replace harness or connector.****OK****Check and replace ABS & TRC & VSC ECU.**