

<b>DTC</b>	<b>C1251 / 51</b>	<b>Hydraulic Brake Booster Pump Motor Malfunction</b>
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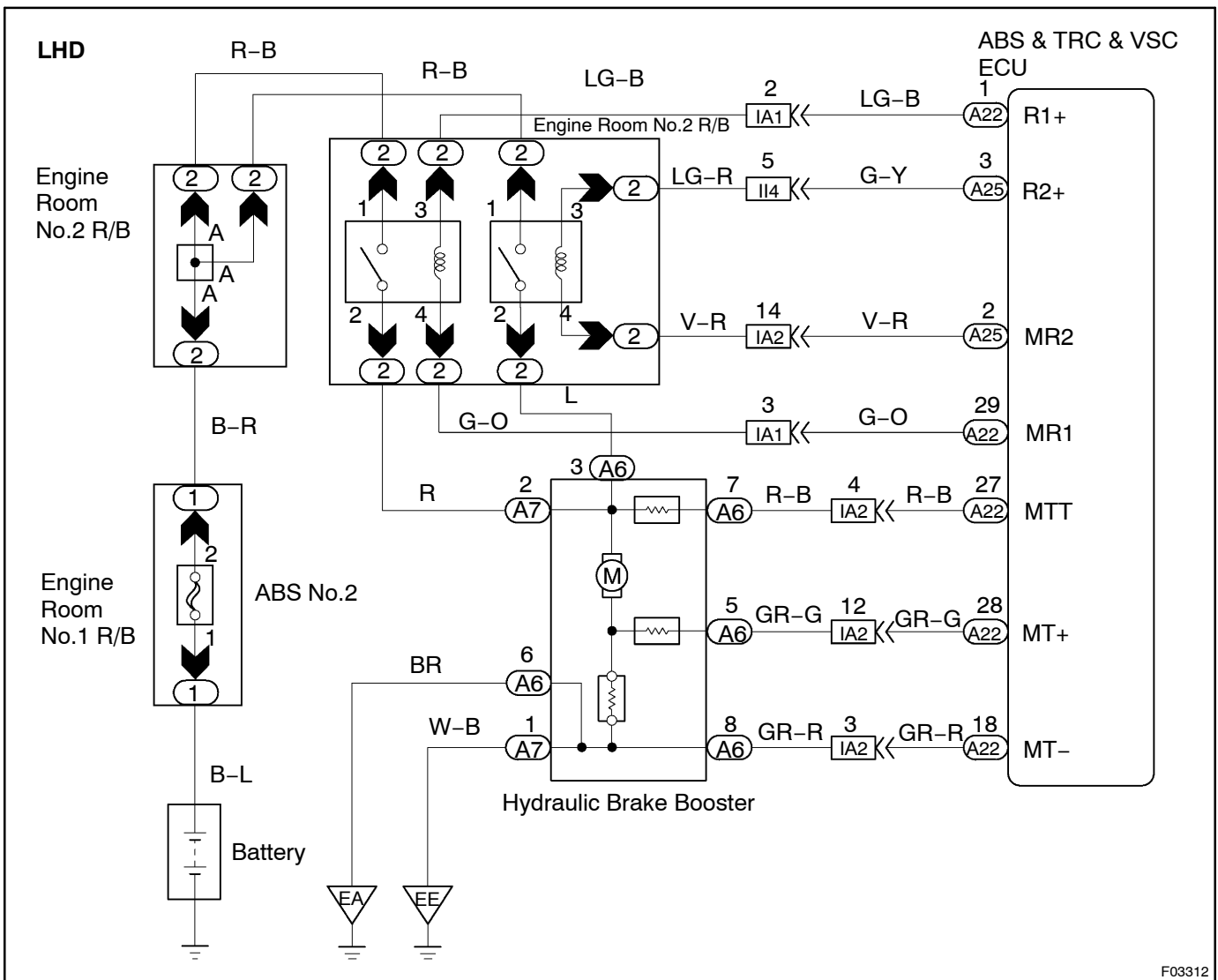
## CIRCUIT DESCRIPTION

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:

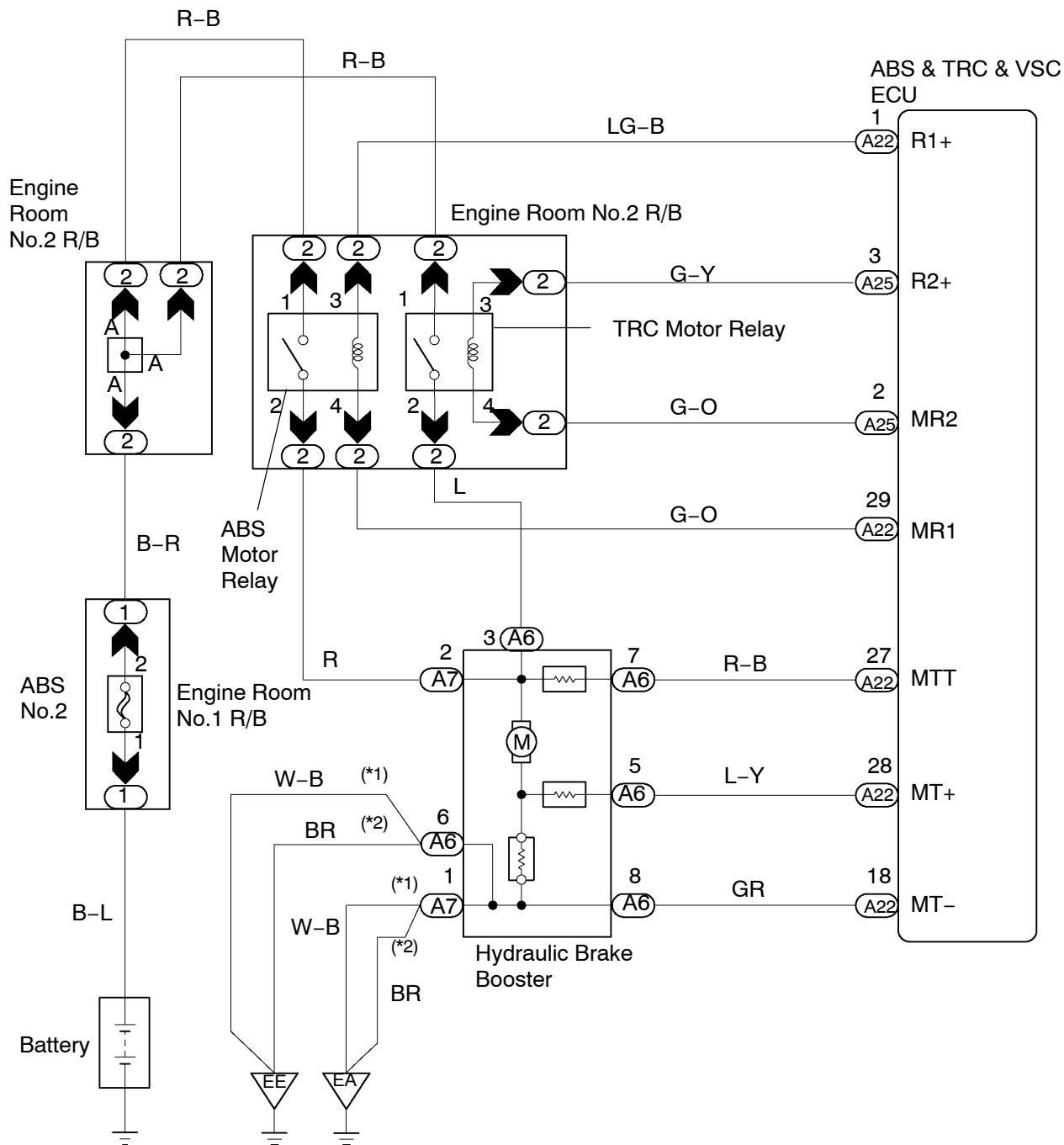
If trouble occurs in the pump motor, the ECU cuts off current to the ABS solenoid relay and prohibits ABS & TRC & VSC controls and the brake system becomes normal.

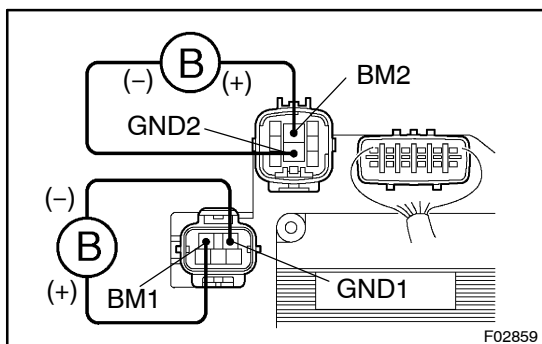
## WIRING DIAGRAM



F03312

RHD



**INSPECTION PROCEDURE****1 Check operation of hydraulic brake booster pump motor.****PREPARATION:**

Disconnect the 2 connectors from the hydraulic brake booster.

**CHECK:**

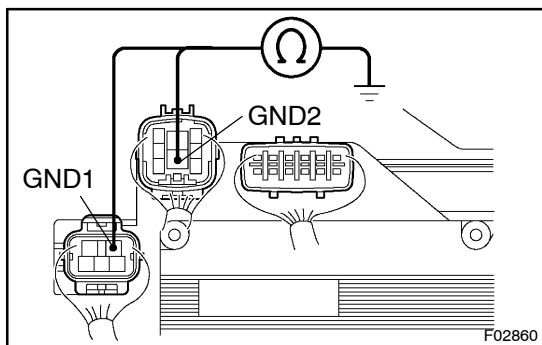
Connect battery positive  $\oplus$  lead to BM1 or BM2 terminal and battery negative  $\ominus$  lead to GND1 or GND2 terminal of the hydraulic brake booster (pump motor) connector.

**OK:**

**The operation sound of the pump motor should be heard.**

**OK****Go to step 3.****NG**

- 2** Check continuity between GND1 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

NG

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 N-29).

NG

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).

NG

Repair or replace harness or connector.

OK

Check and replace ABS & TRC & VSC ECU.