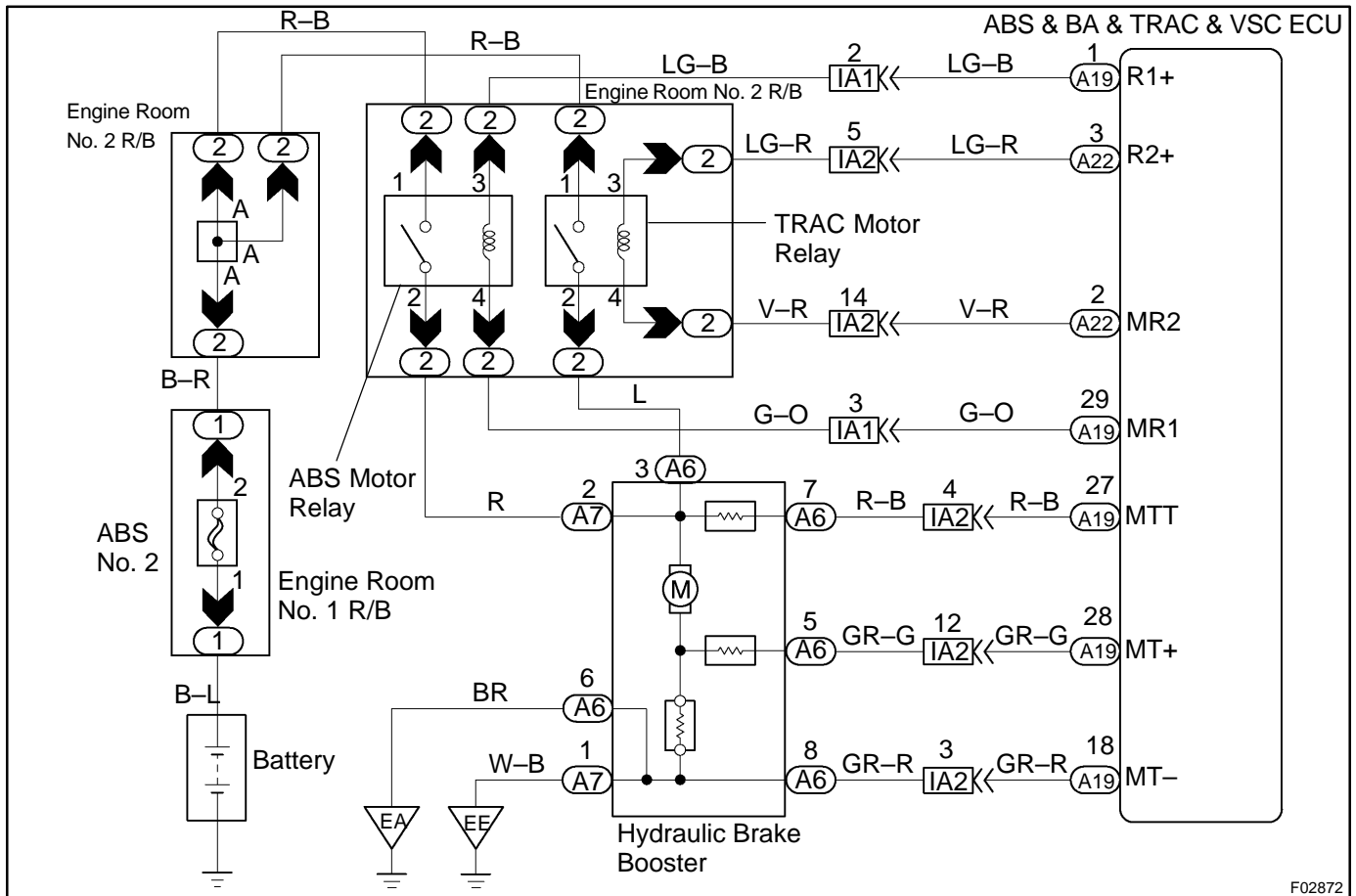


DTC	C1251 / 51	Hydraulic Brake Booster Pump Motor Malfunction
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CIRCUIT DESCRIPTION

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 28A flows to the motor for more than 1 sec. 2. After turning the ignition switch ON, less than 7A change in current is detected more than 3 times in a low when the motor is ON.	Hydraulic brake booster pump motor

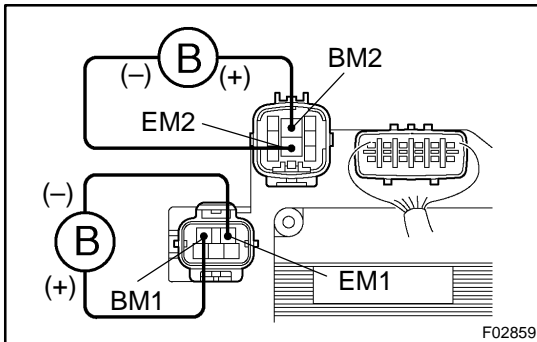
WIRING DIAGRAM



F02872

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 EM1 or EM2 terminal of the hydraulic brake booster (pump motor) connector.

OK:

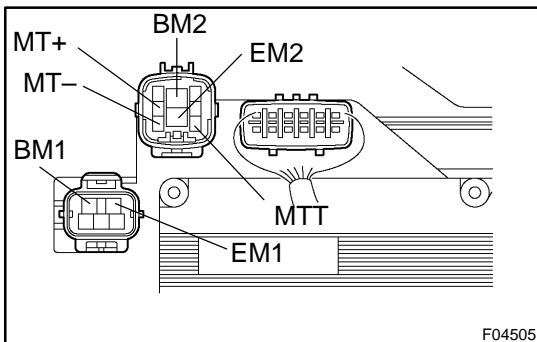
The operation sound of the pump motor should be heard.

NG

Go to step 4.

OK

2 Check hydraulic brake booster resistance.

**PREPARATION:**

Disconnect the 2 connectors from the hydraulic brake booster.

CHECK:

Check resistance between terminals MT+ and MT-, BM1 and MTT, BM2 and MTT, EM1 and MT+, EM2 and MT+ of the hydraulic brake booster connector.

OK:

30 – 36 Ω

NG

Replace the hydraulic brake booster assembly.

OK

3 Check for open circuit in harness and connector between hydraulic brake booster (MT+, MT-) and ABS & BA & TRAC & VSC ECU (See page IN-32).

NG

Repair or replace harness or connector.

OK

Check and replace ABS & BA & TRAC & VSC
ECU.

4 Check for open or short circuit in harness and connector between hydraulic
brake booster pump motor and hydraulic brake booster (See page [IN-32](#)).

NG

Replace wire harness.

OK

5 Check hydraulic brake booster pump motor (See page [BR-53](#)).

NG

Replace hydraulic brake booster pump motor.

OK

Replace hydraulic brake booster.