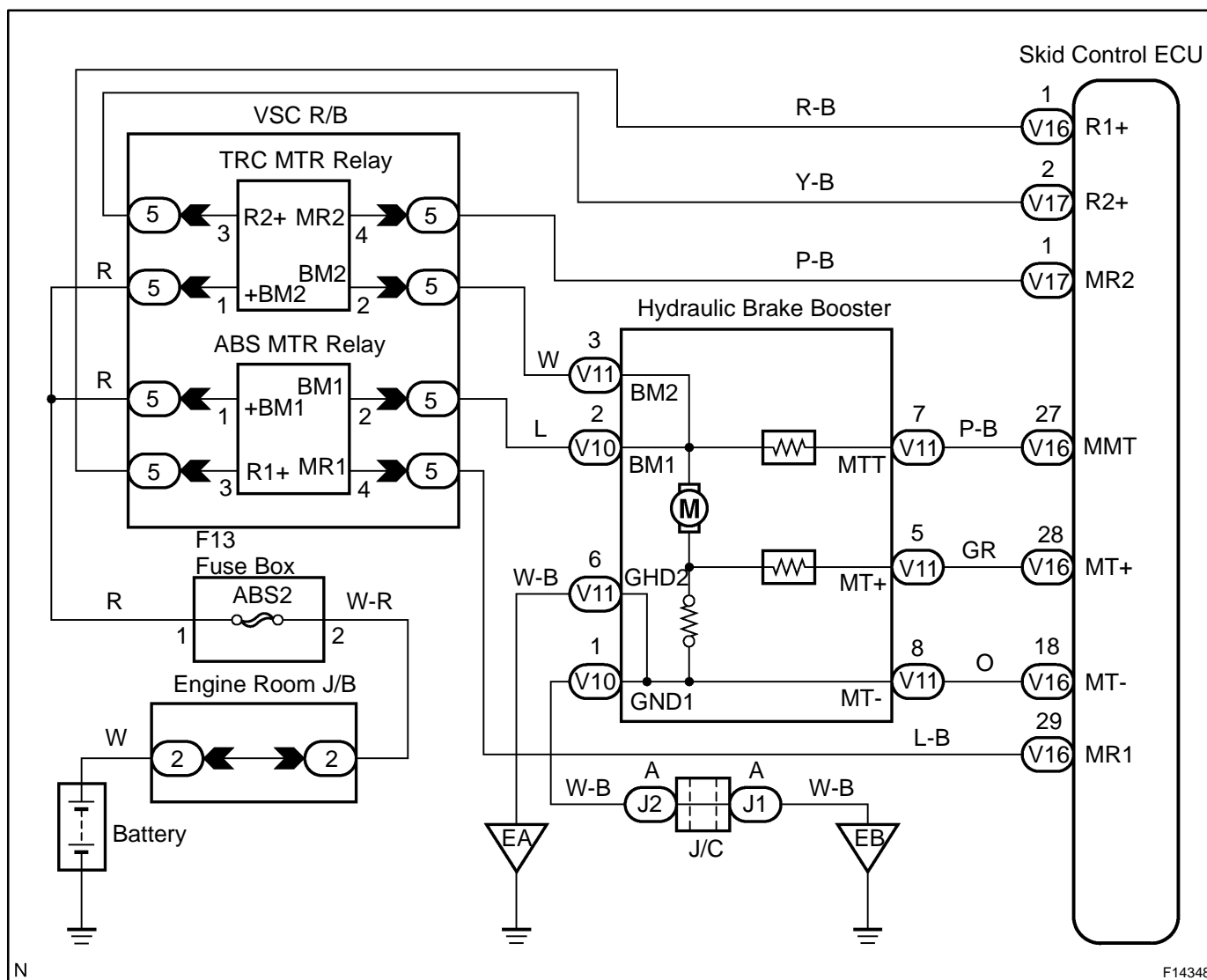


<b>DTC</b>	<b>C1251 / 51</b>	<b>Hydraulic Brake Booster Pump Motor Malfunction</b>
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## CIRCUIT DESCRIPTION

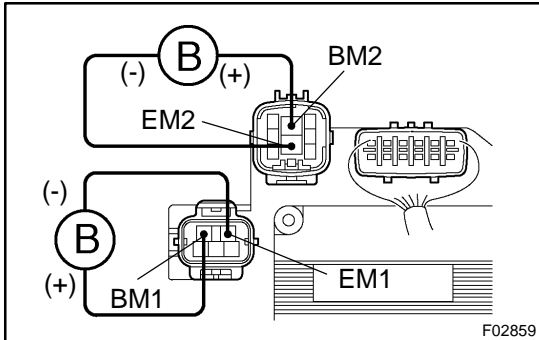
DTC No.	DTC Detecting Condition	Trouble Area
C1251 / 51	<p>Either of the condition 1. or 2. is detected:</p> <ol style="list-style-type: none"> <li>After the ignition switch is turned ON, the current of more than 30 A flows to the motor for more than 1 sec.</li> <li>After the ignition switch is turned ON, less than 7 A change in current is detected more than 3 times continuously when the motor is ON.</li> </ol>	Hydraulic brake booster pump motor

## WIRING DIAGRAM



## 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 (+) lead to BM1 or BM2 terminal and battery negative (-) lead to EM1 or EM2 terminal of the hydraulic brake booster (pump motor) connector.

**OK:**

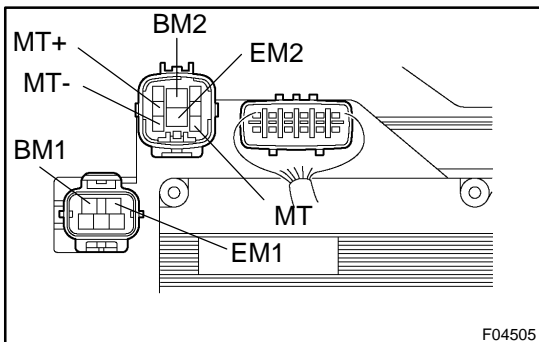
The operation sound of the pump motor should be heard.

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 MT, BM2 and MT, EM1 and MT+, EM2 and MT+ of the hydraulic brake booster connector.

**OK:**

30 - 36  $\Omega$

NG

Replace hydraulic brake booster assembly.

OK

- |   |  |
|---|--|
| 3 | Check for open circuit in harness and connector between hydraulic brake booster (MT+, MT-) and skid control ECU (See page <a href="#">IN-28</a> ). |
|---|--|

NG

Repair or replace harness or connector.

OK

Check and replace skid control ECU.

- |   |   |
|---|---|
| 4 | Check for open and short circuit in harness and connector between hydraulic brake booster pump motor and hydraulic brake booster (See page <a href="#">IN-28</a> ). |
|---|---|

NG

Replace wire harness.

OK

- |   |   |
|---|---|
| 5 | Check hydraulic brake booster pump motor (See page <a href="#">BR-42</a> ). |
|---|---|

NG

Replace hydraulic brake booster pump motor.

OK

Replace hydraulic brake booster.