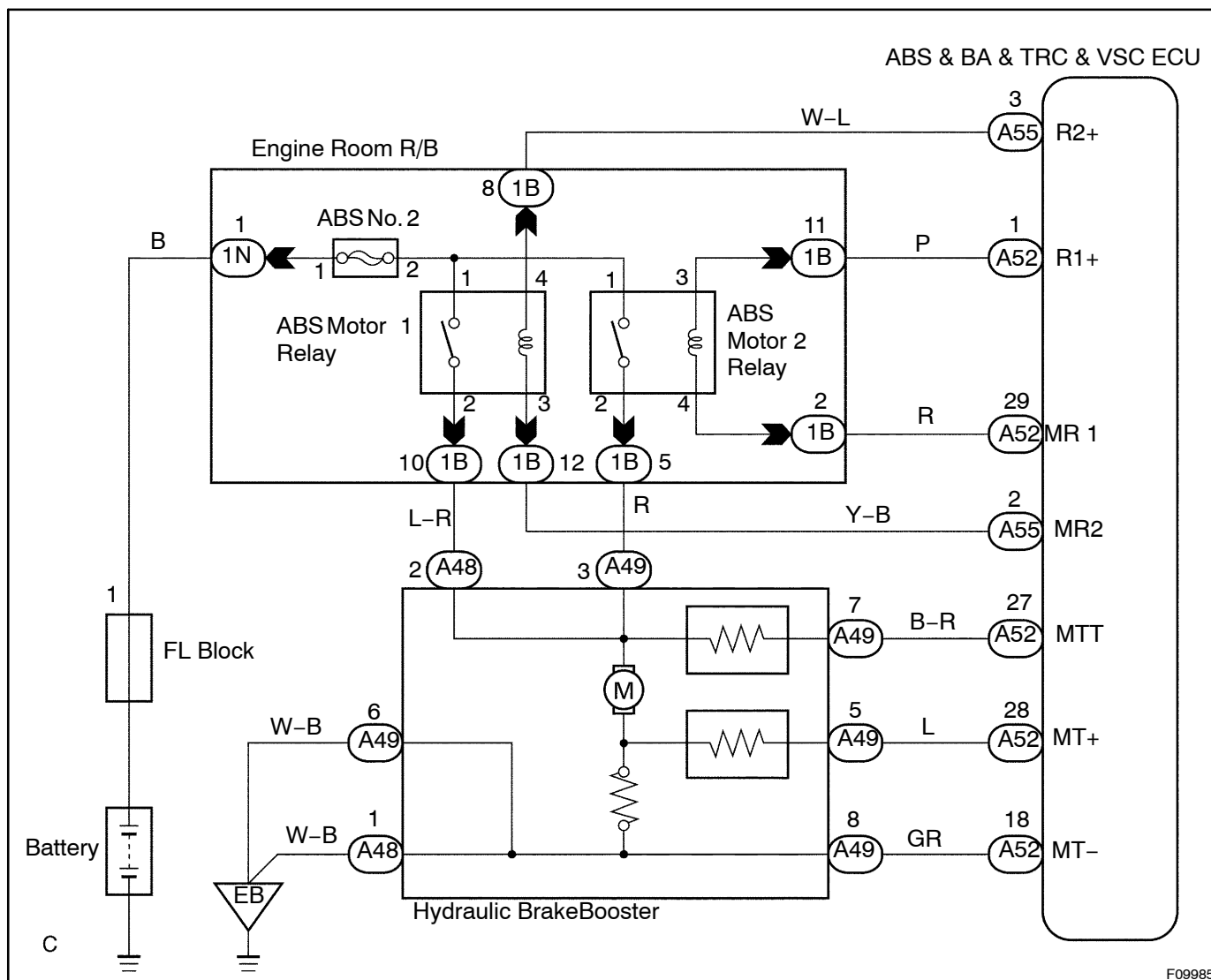| DTC	C 1251 / 51	Hydraulic Brake Booster Pump Motor Malfunction

CIRCUIT DESCRIPTION

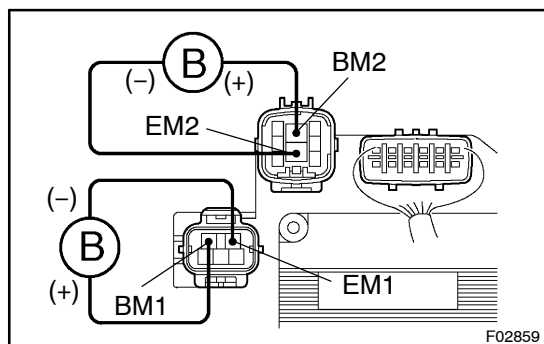| DTC No.	DTC Detecting Condition	Trouble Area
C1251 / 51	Either of the following 1. or 2. is detected: 1. After turning the ignition switch ON, the current of more than 30 A flows to the motor for more than 1 sec. 2. After turning the ignition switch ON, less than 7 A change in current is detected more than 3 times in a low 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 & BA & TRC & VSC controls.

WIRING DIAGRAM

F09985

INSPECTION PROCEDURE

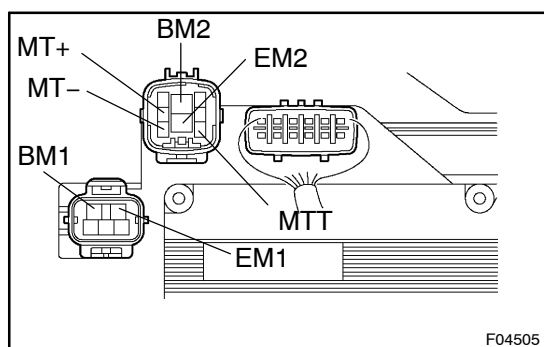| 1	Check operation of hydraulic brake booster pump motor.

F02859

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.

F04505

PREPARATION:
Disconnect the 2 connectors from the hydraulic brake booster.
CHECK:
Check resistance between terminals MT+ and MT–, BM1 and
MT, BM2 and MTT, EM1 and MT+, EM2 and MT+ of the hydrau-
lic 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 boost-er (MT+, MT–) and ABS & BA & TRC & VSC ECU (See page IN–35).

NG	Repair or replace harness or connector.

OK

Check and replace ABS & BA & TRC & 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–35).

NG ⟩ **Replace wire harness.**

OK

5	Check hydraulic brake booster pump motor (See page BR–32).

NG ⟩ **Replace hydraulic brake booster pump motor.**

OK

Replace hydraulic brake booster.