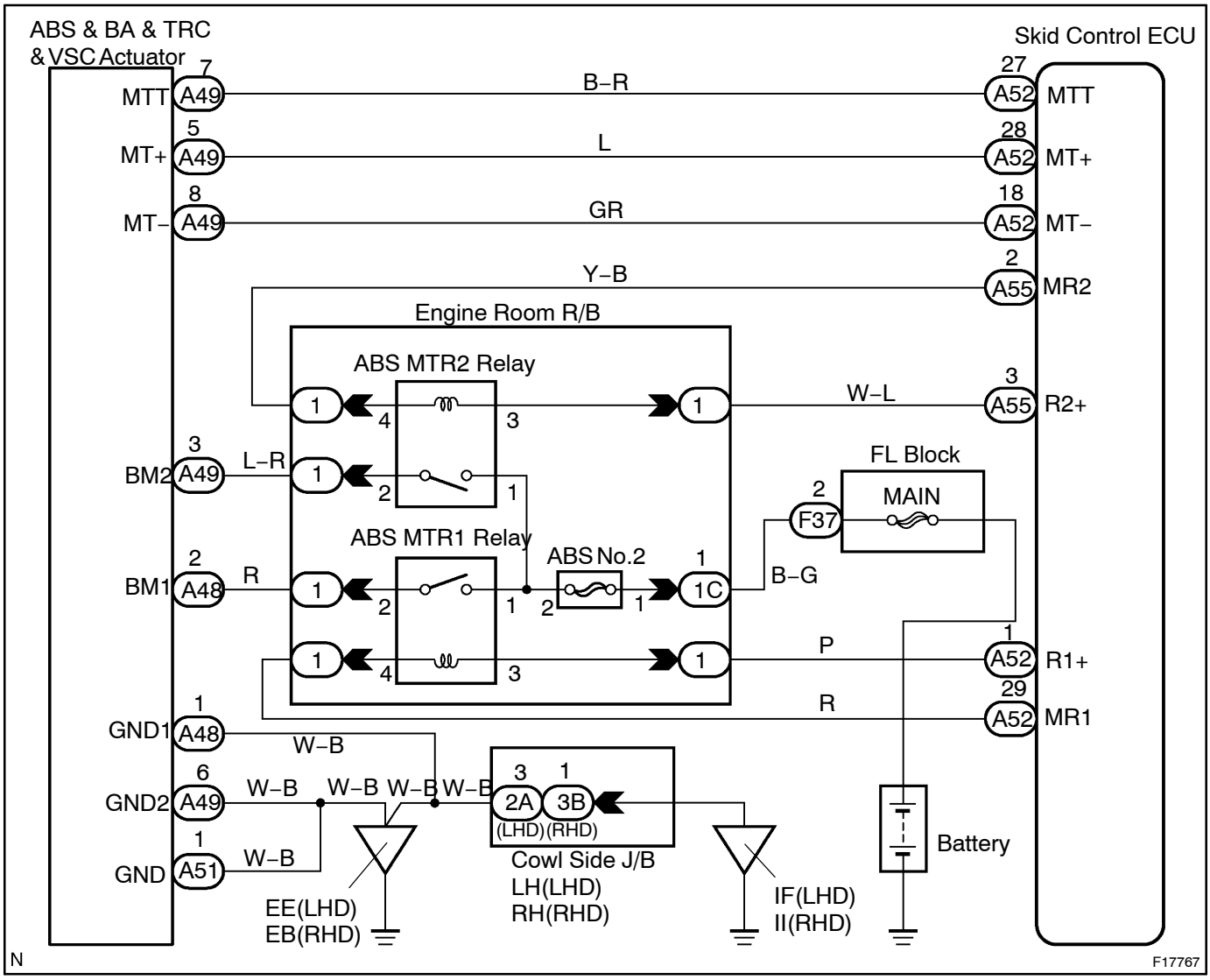
DI6XP–03

DTC	C 1251 / 51	Hydraulic Brake Booster Pump Motor Malfunction

CIRCUIT DESCRIPTION

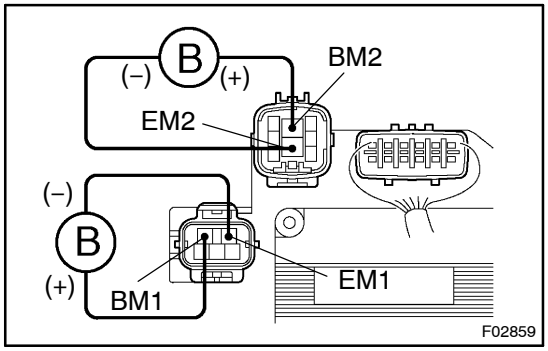
DTC No.	DTC Detecting Condition	Trouble Area
C1251 / 51	Either of the following 1. or 2. is detected: 1. After turning the ignition switch ON, the current of more than 30 A flows to the motor for more than 1 sec. 2. After turning the ignition switch ON, less than 7 A change in current is detected more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

WIRING DIAGRAM



INSPECTION PROCEDURE

1	Check operation of hydraulic brake booster pump motor.



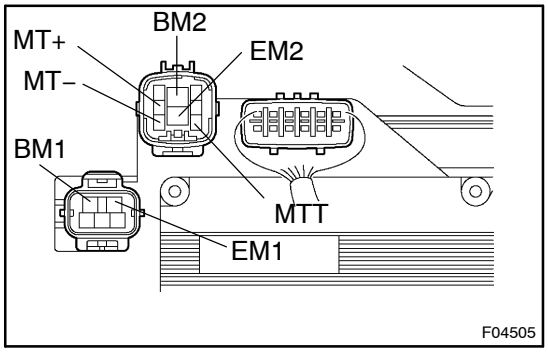
PREPARATION:
Disconnect the 2 connectors from the hydraulic brake booster.
CHECK:
Connect battery positive ⊕ lead to BM1 or BM2 terminal and battery negative ⊖ lead to EM1 or EM2 terminal of the hydraulic brake booster (pump motor) connector.
OK:

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 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 skid control ECU (See page IN–38).

NG	Repair or replace harness or connector.

OK

Check and replace skid control ECU.

4	**Check for open or short circuit in harness and connector between hydraulic brake booster and skid control ECU (See page IN–38).**

NG → **Replace wire harness.**

OK

5	**Check hydraulic brake booster pump motor (See Pub. No. RM793E on page BR–7).**

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

OK

Replace hydraulic brake booster.