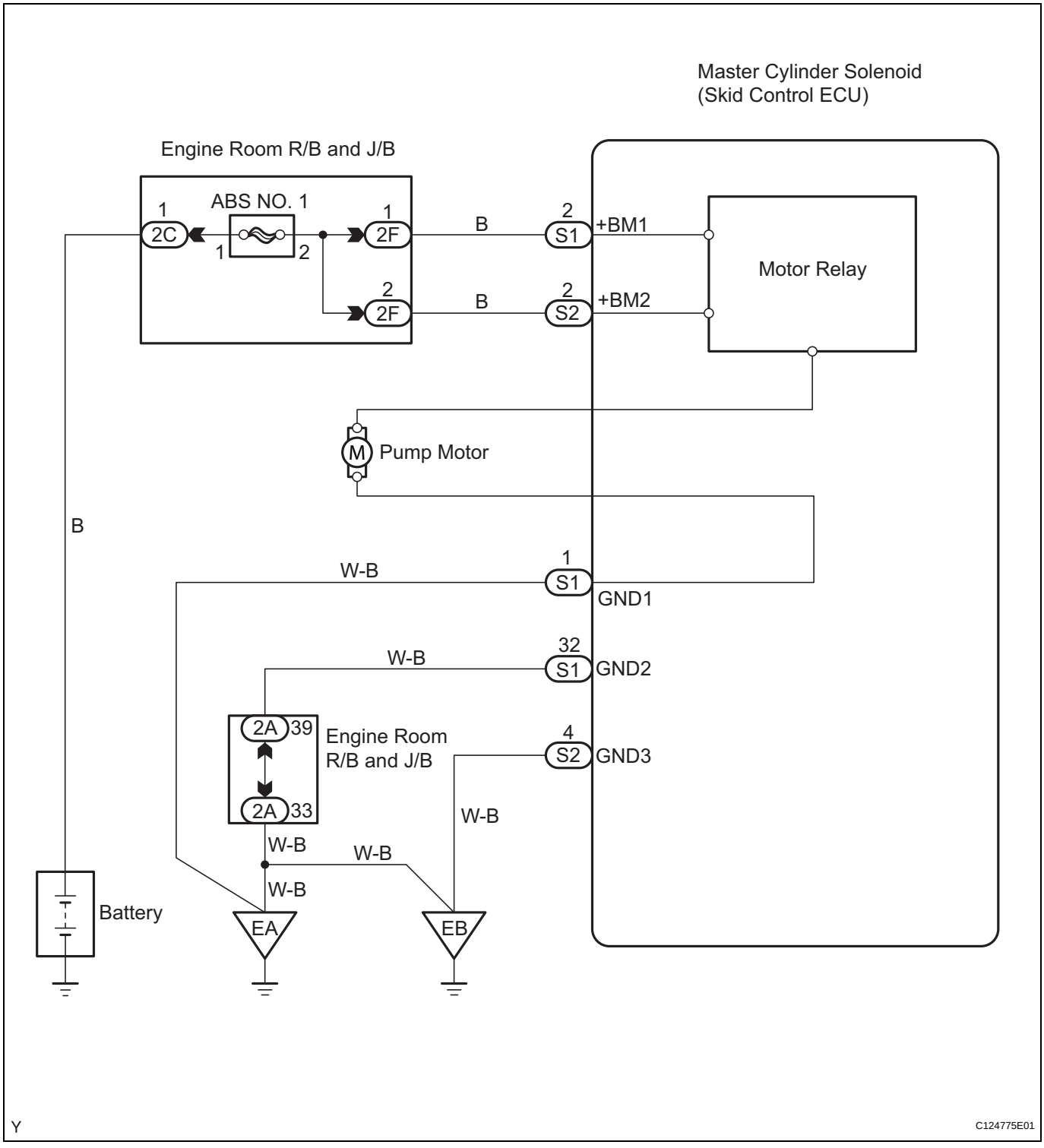
DTC	C1251/51	Open in Pump Motor Circuit

DESCRIPTION

The motor relay (semiconductor relay) is built into the master cylinder solenoid and drives the pump motor based on a signal from the skid control ECU.

DTC No.	DTC Detecting Condition	Trouble Areas
C1251/51	Open in motor system circuit (motor input circuit)	Hydraulic brake booster pump motor circuit

WIRING DIAGRAM



HINT:
Remove the hydraulic brake booster before the inspection (See page BR-42).

1	CHECK BRAKE PUMP MOTOR WIRE HARNESS CONNECTION (MT+ / MT-)

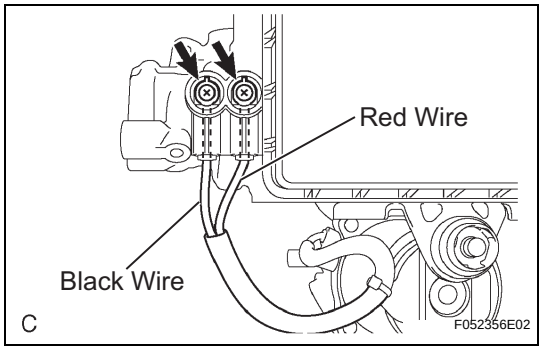
(a) Using a screwdriver, remove the 2 plugs from the hydraulic brake booster (See page BR-45).
(b) Check the tightening torque of 2 screws which fasten the wire harness connecting hydraulic brake booster and brake booster pump (See page BR-49).

Torque: 2.9 N*m (30 kgf*cm, 26 in.*lbf)

NG → **RETIGHTEN SCREWS**

OK

2	CHECK RESISTANCE OF PUMP MOTOR WIRE HARNESS (MT+/MT-)



(a) Using a screwdriver, remove the 2 screws and pull the wire harness from the hydraulic brake booster.
(b) Measure the resistance between the red wire (MT+) and black wire (MT-).

Resistance:
2 Ω

NG → **REPLACE HYDRAULIC BRAKE BOOSTER**

OK

3	RECONFIRM DTC

(a) Reassemble the hydraulic brake booster, then reinstall the hydraulic brake booster.
(b) Clear the DTCs (See page BC-118).
(c) Check if the same DTCs are detected.

Result	Proceed to
DTC output	A
DTC not output	B

B → **END**

A

REPLACE MASTER CYLINDER SOLENOID

BC