

**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)

- Brake booster pump assembly
- Master cylinder solenoid (skid control ECU)

**INSPECTION PROCEDURE****NOTICE:**

When replacing the master cylinder solenoid, perform zero point calibration (See page [BC-24](#)).

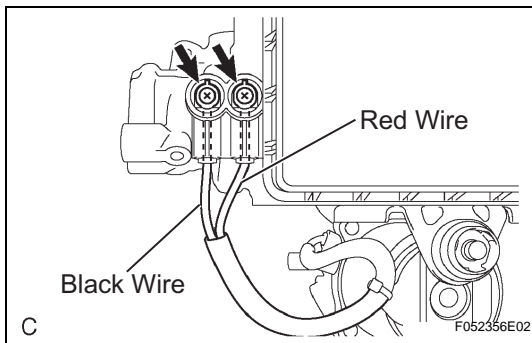
**HINT:**

Remove the hydraulic brake booster before the inspection (See page [BR-28](#)).

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

- Using a screwdriver, remove the 2 plugs from the hydraulic brake booster (See page [BR-32](#)).
- Check the tightening torque of 2 screws which fasten the wire harness connecting the hydraulic brake booster and brake booster pump (See page [BR-36](#)).

**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-)**

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

**Standard resistance:**

**Below 2 Ω**

**NG****REPLACE BRAKE BOOSTER PUMP ASSEMBLY****OK****3****RECONFIRM DTC**

- Reassemble the hydraulic brake booster, then reinstall the hydraulic brake booster.
- Clear the DTC (See page [BC-45](#)).
- Check if the same DTC is detected (See page [BC-45](#)).

**Result**

Result	Proceed to
DTC output	A
DTC not output	B



**BC**

