DI6XE–01

DTC	C1225 / 25 to C 1228 / 28	TRC & VSC Solenoid Circuit

CIRCUIT DESCRIPTION

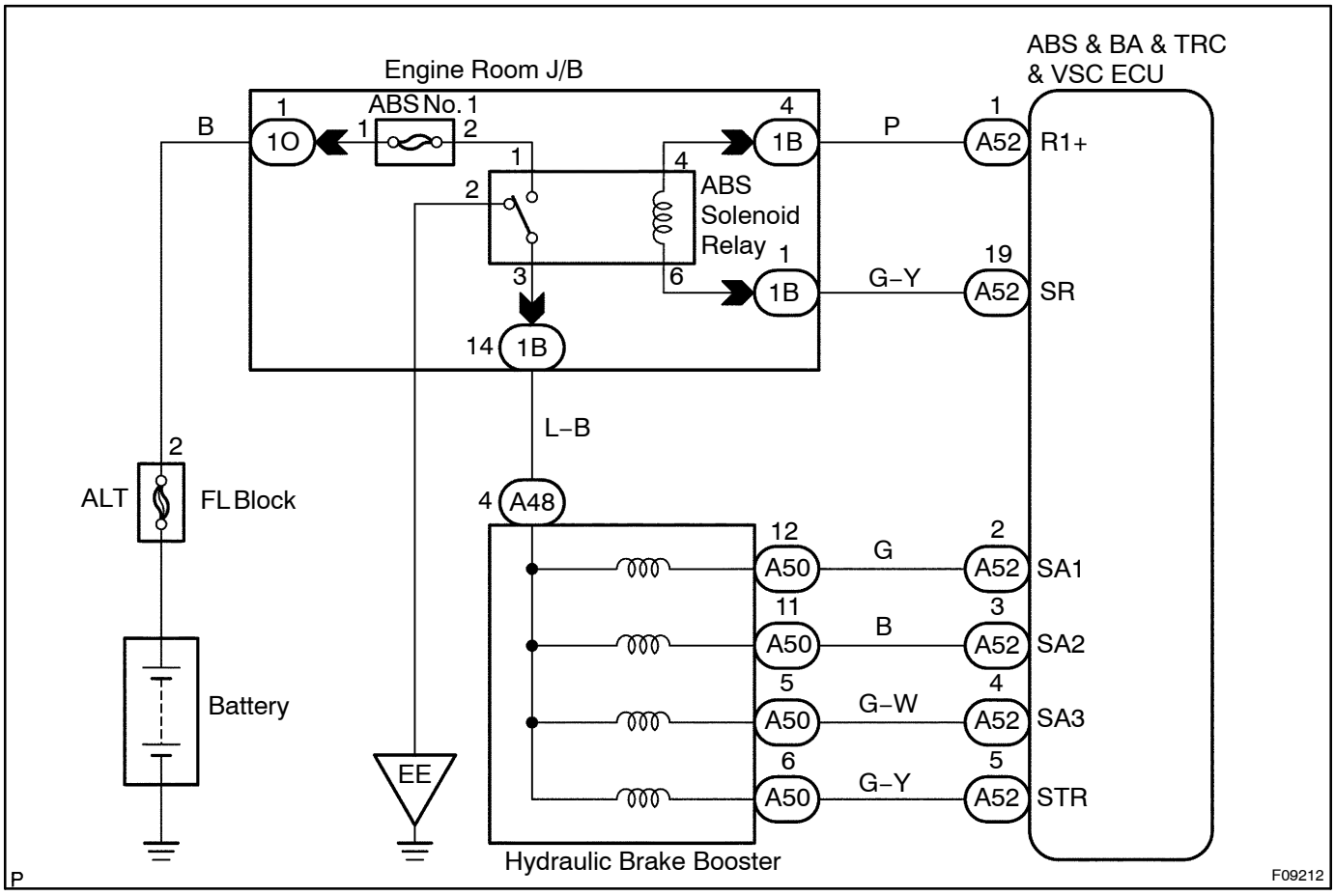
The TRC & VSC solenoid operates in accordance with signals from the ECU and raises the fluid pressure in and releases it from the brake cylinders.

DTC No.	DTC Detecting Condition	Trouble Area
C1225 / 25	Open or short circuit for SA1 circuit continues for 0.015 sec. or more.	• Hydraulic brake booster • SA1 circuit
C1226 / 26	Open or short circuit for SA2 circuit continues for 0.015 sec. or more.	• Hydraulic brake booster • SA2 circuit
C1227 / 27	Open or short circuit for SA3 circuit continues for 0.015 sec. or more.	• Hydraulic brake booster • SA3 circuit
C1228 / 28	Open or short circuit for STR circuit continues for 0.015 sec. or more.	• Hydraulic brake booster • STR circuit

Fail safe function:

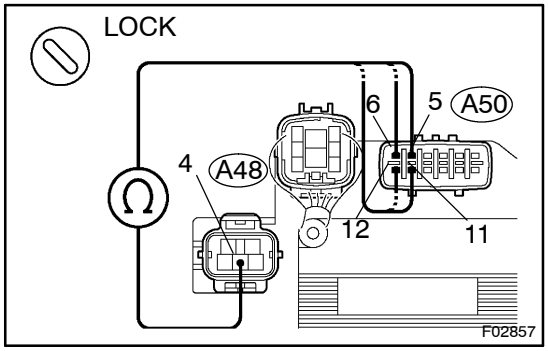
If trouble occurs in the actuator solenoid circuit, the ECU cuts off current to the ABS solenoid relay and prohibits ABS & BA & TRC & VSC controls and the brake system becomes normal.

WIRING DIAGRAM



INSPECTION PROCEDURE

1	**Check TRC & VSC solenoid.**



PREPARATION:
Disconnect the 2 connectors from hydraulic brake booster.
CHECK:
Check continuity between terminals A48 – 4 and A50 – 5, 6, 11 and 12 of hydraulic brake booster.
OK:

Continuity

HINT:
Resistance of each solenoid at 20 °C (68 °F)
SA1, SA2, STR: 3.5 – 3.9 Ω
SA3: 4.75 – 5.25 Ω

NG	**Replace hydraulic brake booster.**

OK

2	**Check for open and short circuit in harness and connector between ABS & BA & TRC & VSC ECU and hydraulic brake booster (See page IN–35).**

NG	**Repair or replace harness or connector.**

OK

If the same code is still output after the DTC is deleted, check the contact condition of each connection. If the connections are normal, the ECU may be defective.