DI0WQ–09

| DTC | C1225 / 25 – C1227 / 27 | **TRC & VSC–Related Solenoid Circuits** |

CIRCUIT DESCRIPTION

The TRC & VSC solenoids operate in accordance with signals from the ECU and raise the fluid pressure in and release it from the brake cylinders.

DTC No.	DTC Detecting Condition	Trouble Area
C1225 / 25	Detection of any of conditions 1. through 6.: 1. When SMF or SMR is ON, excessive electric current on SMF or SMR continues for 0.05 sec. or more. 2. When SMF or SMR is OFF, open circuit of SMF or SMR continues for 0.05 sec. or more. 3. When SMF or SMR is ON, open circuit of SMF or SMR continues for 0.1 sec. or more. 4. When SMF or SMR is OFF, electric current application on SMF or SMR continues for 0.1 sec. or more. 5. GND short circuit if SMF or SMR continues for 0.1 sec. or more. 6. Short circuit of SMF or SMR continues for 0.1 sec. or more.	• Brake actuator • SMF or SMR circuit
C1226 / 26	Open or short circuit of SRMF or SRMR continues for 0.05 sec. or more.	• Brake actuator • SRMF or SRMR circuit
C1227 / 27	Open or short circuit of SRCF or SRCR continues for 0.05 sec. or more.	• Brake actuator • SRCF or SRCR circuit

WIRING DIAGRAM

F13759
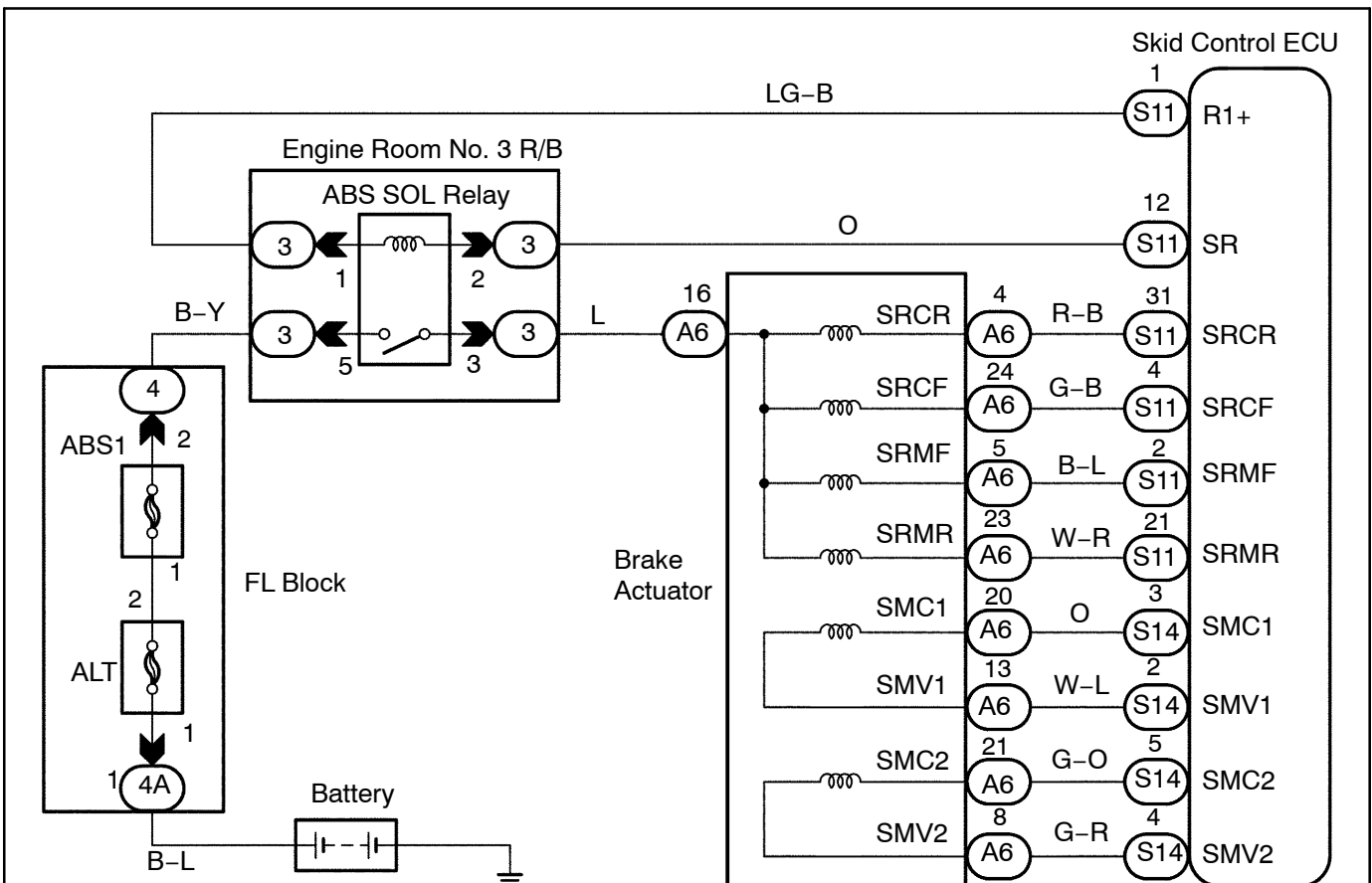
INSPECTION PROCEDURE

1	Check brake actuator solenoid.
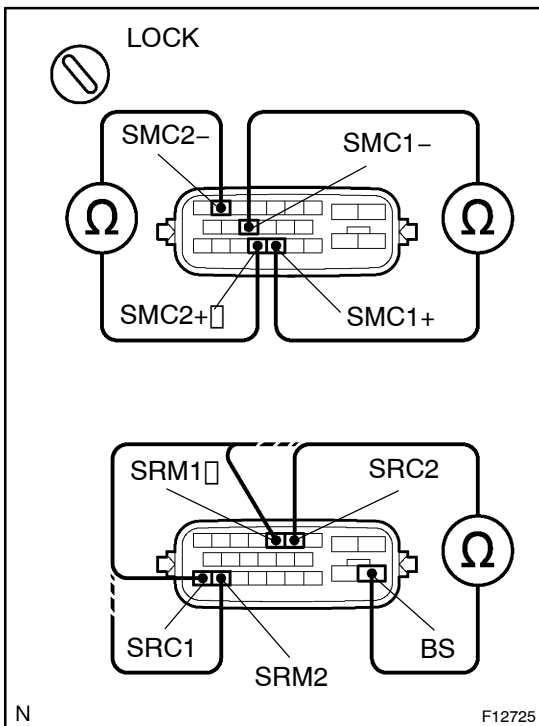
PREPARATION:
Disconnect the brake actuator connector.
CHECK:
Check continuity between terminals SMC1+ – SMC1–, and terminals SMC2+ – SMC2– of brake actuator.
OK:
　　Continuity
HINT:
Resistance of each solenoid: 8.3 – 9.3 Ω
CHECK:
Check continuity between terminal BS and terminals SRC1, SRC2, SRM1 and SRM2 of brake actuator.
OK:
　　Continuity
HINT:
Resistance of each solenoid
SRC1, SRC2: 8.1 – 9.1 Ω
SRM1, SRM2: 6.2 – 6.8 Ω

> **NG** | **Replace brake actuator.**

OK

2	Check for open and short circuit in harness and connector between skid control ECU and brake actuator (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.