DTC	C1225/25	SMC SOLENOID CIRCUIT

DTC	C1226/26	SRM SOLENOID CIRCUIT

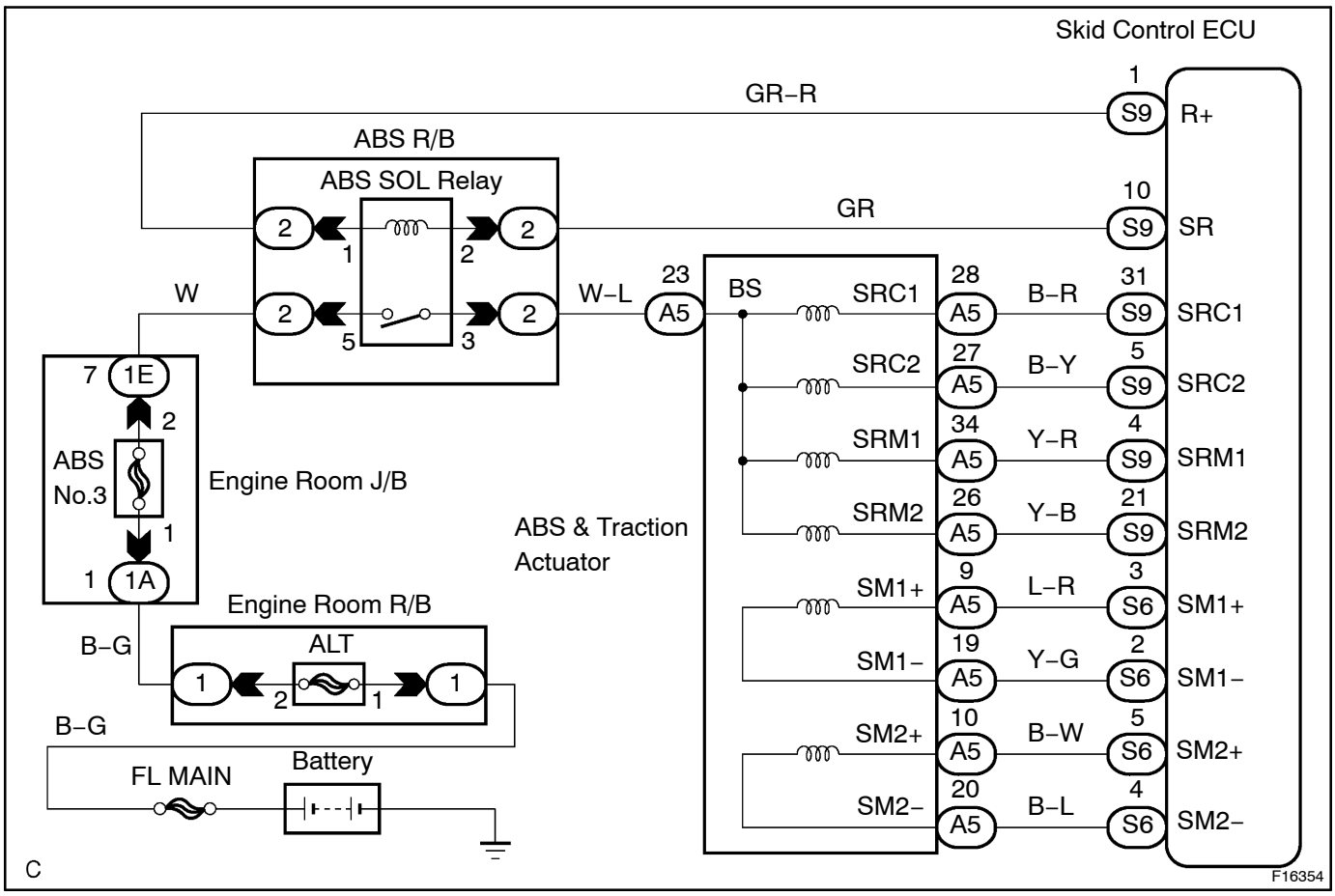
DTC	C1227/27	SRC SOLENOID CIRCUIT

CIRCUIT DESCRIPTION

This solenoid goes on when signals are received from the ECU and controls the pressure acting on the wheel cylinders thus controlling the braking force.

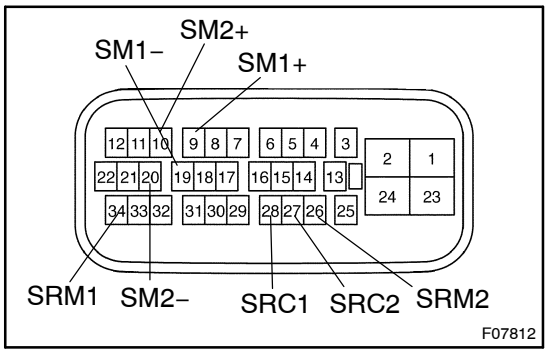
DTC No.	DTC Detecting Condition	Trouble Area
C1225/25	Open or short circuit for SM1 or SM2 circuit continues for 0.05 sec. or more.	• Brake actuator • SM1 or SM2 circuit
C1226/26	Open or short circuit for SRM1 or SRM2 circuit continues for 0.05 sec. or more.	• Brake actuator • SRM1 or SRM2 circuit
C1227/27	Open or short circuit for SRC1 or SRC2 circuit continues for 0.05 sec. or more.	• Brake actuator • SRC1 or SRC2 circuit

WIRING DIAGRAM



INSPECTION PROCEDURE

1	INSPECT ABS & TRACTION ACTUATOR ASSY(SRM1, SRM2, SCR1, SCR2, SM1, SM2 SOLENOID)



(a) Disconnect the actuator connector.
(b) Check continuity between terminals SM1+ – SM1–, and terminals SM2+ – SM2– of actuator.
OK: Continuity

HINT:
Resistance of each solenoid: 8.1 – 9.1 Ω

(c) Check continuity between terminal BS and terminals SRC1, SRC2, SRM1 and SRM2 of actuator.
OK: Continuity

HINT:
Resistance of each solenoid
SRC1, SRC2: 8.1 – 9.1 Ω
SRM1, SRM2: 4.9 – 5.5 Ω

NG → **REPLACE ABS & TRACTION ACTUATOR ASSY**

OK

2	CHECK HARNESS AND CONNECTOR(ABS & TRACTION ACTUATOR ASSY – SKID CONTROL ECU ASSY)(See page 01–31)

NG → **REPAIR OR REPLACE HARNESS OR CONNECTOR**

OK

3	CHECK SKID CONTROL ECU TERMINAL VOLTAGE(SR TERMINAL)

(a) Remove the skid control ECU with connectors still connected.
(b) Turn the ignition switch ON, measure between terminal SR and GND.
OK: 1V or less

NG → **CHECK AND REPAIR HARNESS AND ABS SOLENOID RELAY**

OK

4	RECONFIRM DTC(See page 05–511)

A	Malfunction Code
B	Normal Code

B → **END**

A

5	CHECK CONTACT CONDITION(EACH CONNECTION)

NG → CHECK AND REPAIR HARNESS AND CONNECTOR

OK

CHECK AND REPLACE SKID CONTROL ECU ASSY