DTC	C0226/21	SFR SOLENOIDO CIRCUIT

DTC	C0236/22	SFL SOLENOID CIRCUIT

DTC	C0246/23	SRR SOLENOID CIRCUIT

DTC	C0256/24	SRL SOLENOID CIRCUIT

DTC	C1225/25	SM SOLENOID CIRCUIT

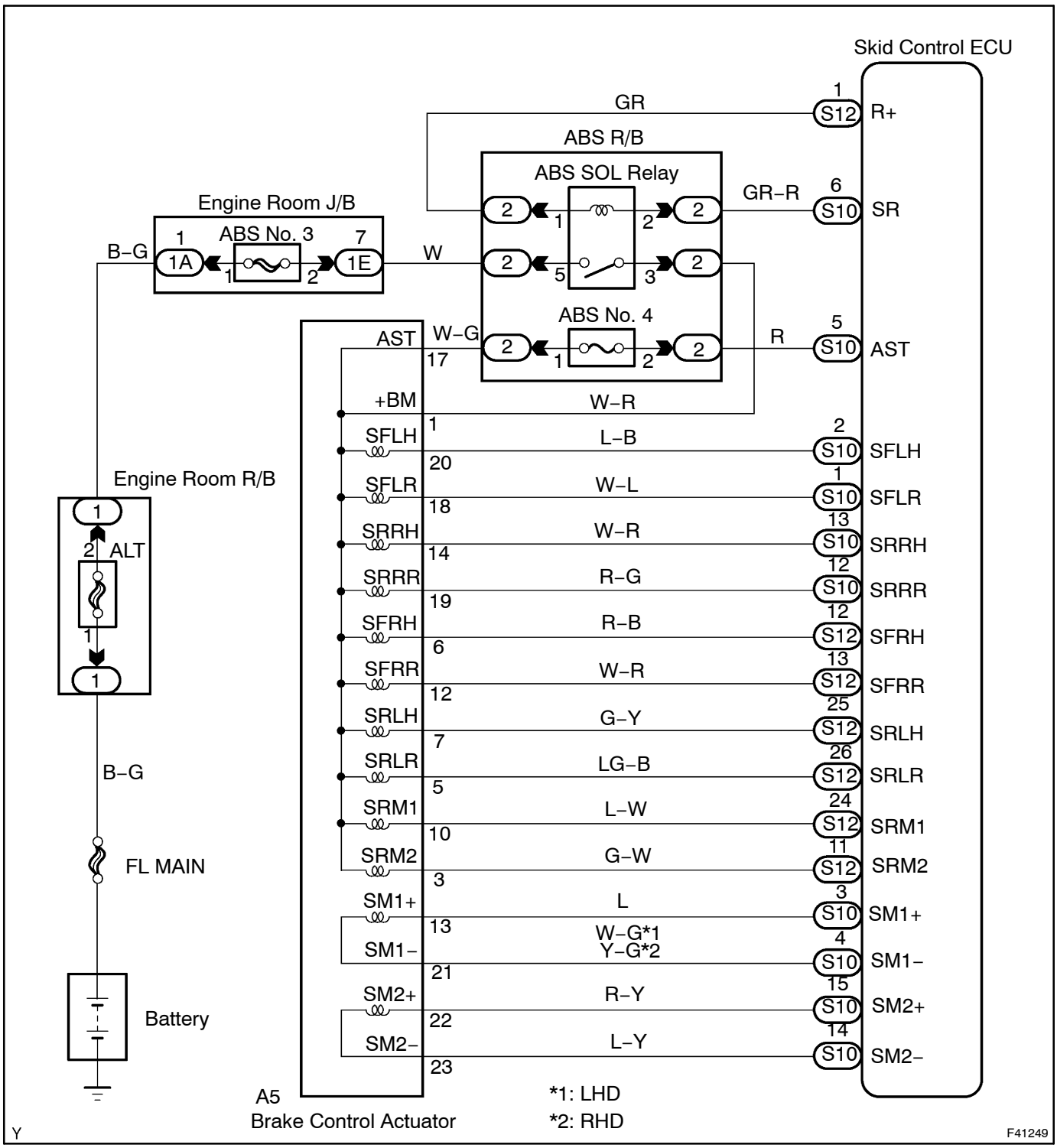
DTC	C1226/26	SRM SOLENOID CIRCUIT

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.

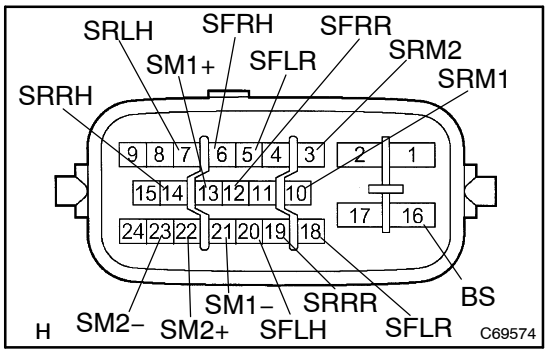
DTC No.	DTC Detecting Condition	Trouble Area
C0226 / 21	Open or short circuit for SFRH or SFRR circuit continues for 0.05 sec. or more. (When the solenoid is normally ON.)	• Brake actuator • SFRH or SFRR circuit
C0236 / 22	Open or short circuit for SFLH or SFLR circuit continues for 0.05 sec. or more. (When the solenoid is normally ON.)	• Brake actuator • SFLH or SFLR circuit
C0246 / 23	Open or short circuit for SRRH or SRRR circuit continues for 0.05 sec. or more. (When the solenoid is normally ON.)	• Brake actuator • SRRH or SRRR circuit
C0256 / 24	Open or short circuit for SRLH or SRLR circuit continues for 0.05 sec. or more. (When the solenoid is normally ON.)	• Brake actuator • SRLH or SRLR circuit
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

WIRING DIAGRAM



INSPECTION PROCEDURE

1	INSPECT BRAKE ACTUATOR ASSY



(a) Disconnect the brake actuator connector.

(b) Check continuity between terminal BS and terminals SFRH, SFLH, SRRH, SRLH, SFRR, SFLR, SRRR and SRLR of brake actuator.

OK: Continuity

HINT:

Resistance of each solenoid at 25 °C

SFRH, SFLH, SRRH, SRLH: 8.1 – 9.1 Ω

SFRR, SFLR, SRRR, SRLR: 4.0 – 4.6 Ω

(c) Check continuity between terminals SM1+ and SM1–, and terminals SM2+ and SM2– of brake actuator.

OK: Continuity

HINT:

Resistance of each solenoid: 8.1 – 9.1 Ω at 25 °C

(d) Check continuity between terminal BS and terminals SRM1 and SRM2 of brake actuator.

OK: Continuity

HINT:

Resistance of each solenoid at 25 °C

SRM1, SRM2: 4.9 – 5.5 Ω

NG	REPLACE BRAKE ACTUATOR ASSY

OK

2	CHECK HARNESS AND CONNECTOR(BRAKE 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: 1 V or less

OK	CHECK AND REPAIR HARNESS AND ABS SOLENOID RELAY

NG

4	RECONFIRM DTC(See page 05–451)

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