

DTC	C0226/21	SFR SOLENOID CIRCUIT
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DTC	C0226/21	SFR SOLENOID CIRCUIT
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DTC	C0236/22	SFL SOLENOID CIRCUIT
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DTC	C0246/23	SRR SOLENOID CIRCUIT
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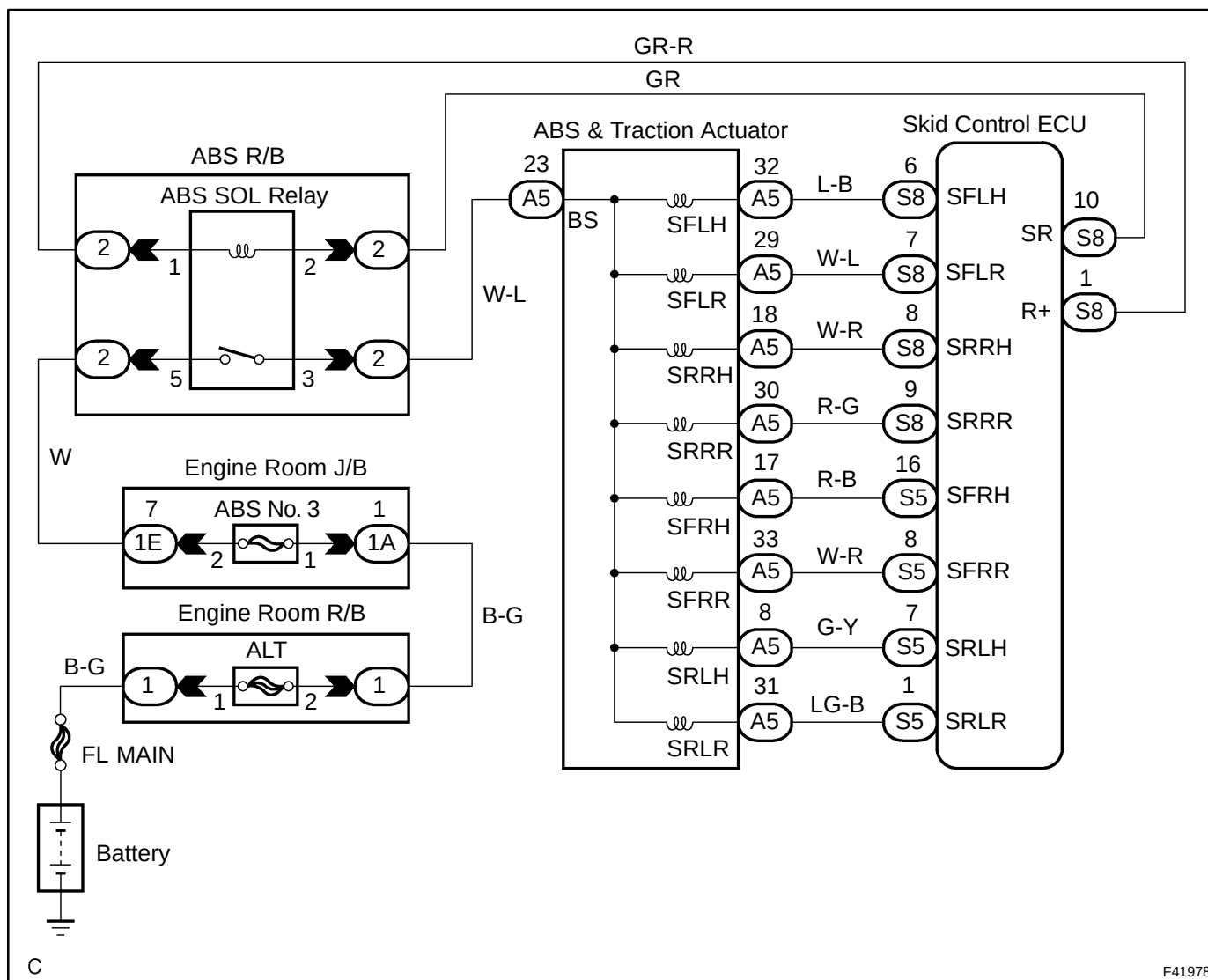
DTC	C0256/24	SRL SOLENOID CIRCUIT
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CIRCUIT DESCRIPTION

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

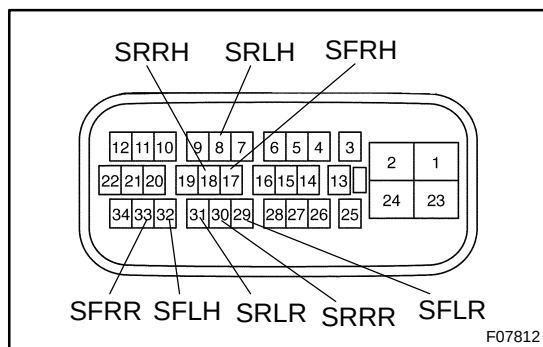
DTC No.	DTC Detecting Condition	Trouble Area
C0226/21	• Open or short in SFRH or SFRR circuit for 0.05 sec. or more. • IG1 terminal voltage of skid control ECU is 9.5 - 18.5 V, and while ABS is control in operation, there is solenoid relay contact OFF for 0.05 sec. or longer.	• Brake actuator • SFRH or SFRR circuit
C0236/22	• Open or short in SFLH or SFLR circuit for 0.05 sec. or more. • IG1 terminal voltage of skid control ECU is 9.5 - 18.5 V, and while ABS is control in operation, there is solenoid relay contact OFF for 0.05 sec. or longer.	• Brake actuator • SFLH or SFLR circuit
C0246/23	• Open or short in SRRH or SRRR circuit for 0.05 sec. or more. • IG1 terminal voltage of skid control ECU is 9.5 - 18.5 V, and while ABS is control in operation, there is solenoid relay contact OFF for 0.05 sec. or longer.	• Brake actuator • SRRH or SRRR circuit
C0256/24	• Open or short in SRLH or SRLR circuit for 0.05 sec. or more. • IG1 terminal voltage of skid control ECU is 9.5 - 18.5 V, and while ABS is control in operation, there is solenoid relay contact OFF for 0.05 sec. or longer.	• Brake actuator • SRLH or SRLR circuit

WIRING DIAGRAM



INSPECTION PROCEDURE

- 1 INSPECT ABS & TRACTION ACTUATOR ASSY(SFRH, SFLH, SRRH, SRLH, SFRR, SFLR, SRRR, SRLR SOLENOID)



- (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

SFRH, SFLH, SRRH, SRLH: 8.1 - 9.1 Ω

SFRR, SFLR, SRRR, SRLR: 4.0 - 4.6 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 05-288)

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