

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

CIRCUIT DESCRIPTION

The ABS solenoid valve goes on when signals are sent from the ECU and controls the pressure operating the wheel cylinders, thus the braking force is controlled.

DTC No.	DTC Detection Condition	Trouble Area
C0226/21 C0236/22	1. When solenoid relay is ON and IG1 terminal voltage is 9.5 - 18.5 V, solenoid circuit is open or short for 0.05 sec. or longer	• Brake actuator • SFRR, SFRH, SFLR or SFLH circuit
C0246/23 C0256/24	2. 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 • SRRR, SRRH, SRLR or SRLH circuit

HINT:

- DTC No. C0226/21 is for right front solenoid valve.
- DTC No. C0236/22 is for left front solenoid valve.
- DTC No. C0246/23 is for right rear solenoid valve.
- DTC No. C0256/24 is for left rear solenoid valve.

The diagram illustrates the electrical system for the Skid Control ECU with Actuator. It shows the power supply from the battery through the main fuse (FL) and ground (B-G). The power is distributed to the Engine Room R/B (alternator and battery) and the Engine Room J/B (ABS No. 3). The Skid Control ECU with Actuator is shown with its power input (+BS) connected to the battery and its output lines (SFRH, SFLH, SRRH, SRLH, SFRR, SFLR, SRRR, SRLR) connected to the solenoid relay.

Engine Room R/B: Contains an alternator (ALT) and a battery. The alternator is connected to the main power line (B-G) and the battery. The battery is connected to the main power line (B-G) and the engine room junction box (J/B).

Engine Room J/B: Contains an ABS No. 3 unit. The main power line (B-G) is connected to the ABS No. 3 unit. The ABS No. 3 unit is connected to the engine room junction box (J/B).

Skid Control ECU with Actuator: The ECU is connected to the main power line (B-G) and the engine room junction box (J/B). The ECU has a power input (+BS) connected to the battery. The ECU has eight output lines (SFRH, SFLH, SRRH, SRLH, SFRR, SFLR, SRRR, SRLR) connected to the solenoid relay.

1	RECONFIRM DTC
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graph TD
    Start([START]) --> Input[INPUT]
    Input --> Process[PROCESS]
    Process --> Output[OUTPUT]
    Output --> End([END])

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YES

REPLACE BRAKE ACTUATOR ASSY