

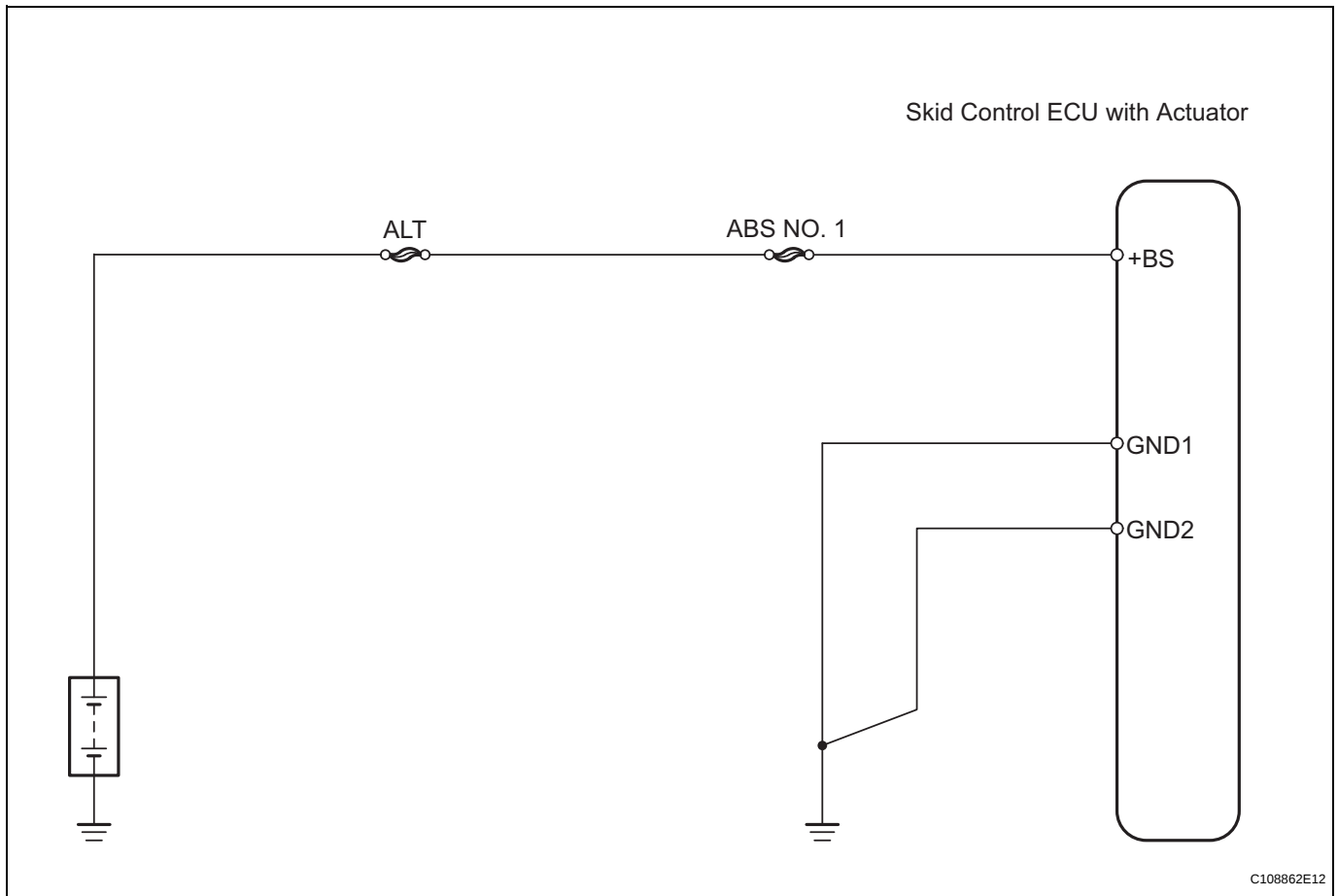
DTC	C0226/21	SFR Solenoid Circuit
DTC	C0236/22	SFL Solenoid Circuit
DTC	C0246/23	SRR Solenoid Circuit
DTC	C0256/24	SRL Solenoid Circuit
DTC	C1225/25	SMC Solenoid Circuit

DESCRIPTION

ABS solenoids turn on when receiving signals from the ECU. They control braking force by adjusting the pressure applied to the wheel cylinders.

DTC No.	DTC Detection Condition	Trouble Area
C0226/21	Open or short circuit in front right solenoid circuit (SFRR or SFRH) continues for 0.05 seconds or more	- SFRR or SFRH circuit - Skid control ECU with actuator
C0236/22	Open or short circuit in front left solenoid circuit (SFLR or SFLH) continues for 0.05 seconds or more	- SFLR or SFLH circuit - Skid control ECU with actuator
C0246/23	Open or short circuit in rear right solenoid circuit (SRRR or SRRH) continues for 0.05 seconds or more	- SRRR or SRRH circuit - Skid control ECU with actuator
C0256/24	Open or short in rear left solenoid circuit (SRLR or SRLH) continues for 0.05 seconds or more	- SRLR or SRLH circuit - Skid control ECU with actuator
C1225/25	Detection of any of conditions 1. to 5.: 1. When SM1 or SM2 is ON, excessive electric current on SM1 or SM2 continues for 0.05 seconds or more 2. When SM1 or SM2 is OFF, open circuit in SM1 or SM2 continues for 0.05 seconds or more 3. When SM1 or SM2 is ON and electric current the 0.348 A or more, duty ratio between SM1 and SM2 is 2.08 or more, or below 0.48 for 0.2 seconds or more 4. When SM1 or SM2 is OFF, electric current is 0.15 A or more for 0.05 seconds or more 5. All following conditions continue: - When switch solenoid (SM1 or SM2) outputs ON signal - Output current is more than 0.348 A - Ratio of monitored current to target current is more than 2 A for 0.1 second, or less than 0.15 A for 0.5 seconds.	- SM1 or SM2 circuit - Skid control ECU with actuator

WIRING DIAGRAM



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RECONFIRM DTC

HINT:

These codes are output when a problem is detected in the brake actuator assembly.

As the solenoid circuit is built into the brake actuator assembly, solenoid circuit inspection and solenoid unit inspection cannot be performed.

Be sure to check if the DTC is output before replacing the brake actuator assembly.

- Clear the DTCs (see page [BC-16](#)).
- Turn the ignition switch ON and check that the ABS warning light illuminates for approximately 3 seconds.
- Check for DTCs (see page [BC-16](#)).

Result

Result	Proceed to
DTC is not output	A
DTC is output	B

HINT:

When replacing the skid control ECU with actuator, perform the zero point calibration (see page [BC-11](#)).

