DI28Z–08

DTC	C0226 / 21 to C1226 / 26	ABS Solenoid Circuit

CIRCUIT DESCRIPTION

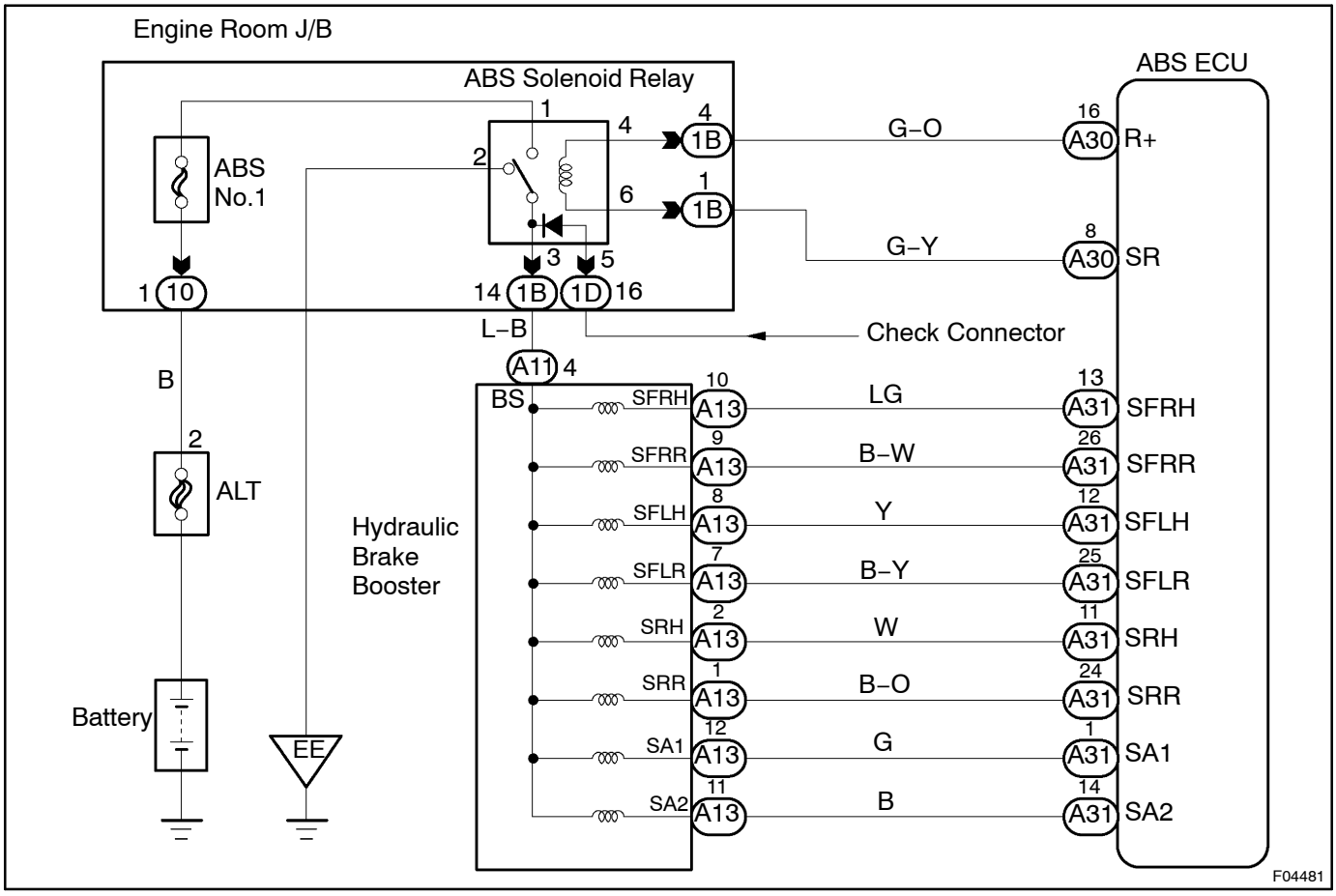
This solenoid goes on when signals are received from the ECU and controls the pressure acting on the wheel cylinders thus controlling the braking force.

DTC No.	DTC Detecting Condition	Trouble Area
C0226 / 21	Open or short in SFRH or SFRR circuit continues for 0.05 sec. or more.	• Hydraulic brake booster • SFRH or SFRR circuit
C0236 / 22	Open or short in SFLH or SFLR circuit continues for 0.05 sec. or more.	• Hydraulic brake booster • SFLH or SFLR circuit
C0246 / 23	Open or short in SRR or SRH circuit continues for 0.05 sec. or more.	• Hydraulic brake booster • SRR or SRH circuit
C1225 / 25	Open or short in SA1 circuit continues for 0.05 sec. or more.	• Hydraulic brake booster • SA1 circuit
C1226 / 26	Open or short in SA2 circuit continues for 0.05 sec. or more.	• Hydraulic brake booster • SA2 circuit

Fail safe function:

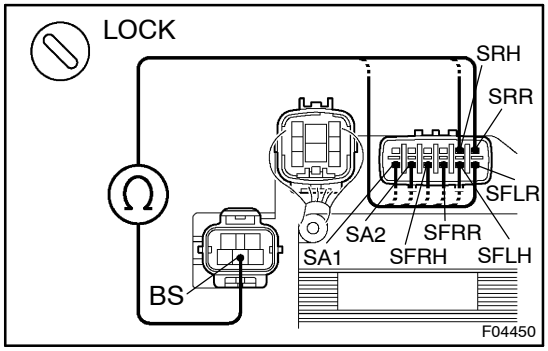
If trouble occurs in the actuator solenoid circuit, the ECU cuts off current to the ABS solenoid relay and prohibits ABS control and the brake system becomes normal.

WIRING DIAGRAM



INSPECTION PROCEDURE

1	**Check hydraulic brake booster solenoid.**



PREPARATION:

Disconnect the 2 connectors from hydraulic brake booster.

CHECK:

Check continuity between the terminal BS and each of terminals SFRH, SFRR, SFLH, SFLR, SRH, SRR, SA1 and SA2 of hydraulic brake booster connector.

OK:

Continuity

HINT:

Resistance of each solenoid at 20°C (68°F)

SFRH, SFLH, SRH: 4.75 – 5.25 Ω

SFRR, SFLR, SRR: 2.00 – 2.40 Ω

SA1, SA2: 3.5 – 3.9 Ω

NG → **Replace hydraulic brake booster.**

OK

2	**Check for open and short circuit in harness and connector between ABS ECU and actuator (See page IN–24).**

NG → **Repair or replace harness or connector.**

OK

If the same code is still output after the DTC is deleted, check the contact condition of each connection. If the connections are normal, the ECU may be defective.