DI6QH–01

DTC	C0226/21 – C0256/24	ABS Actuator Solenoid Circuit

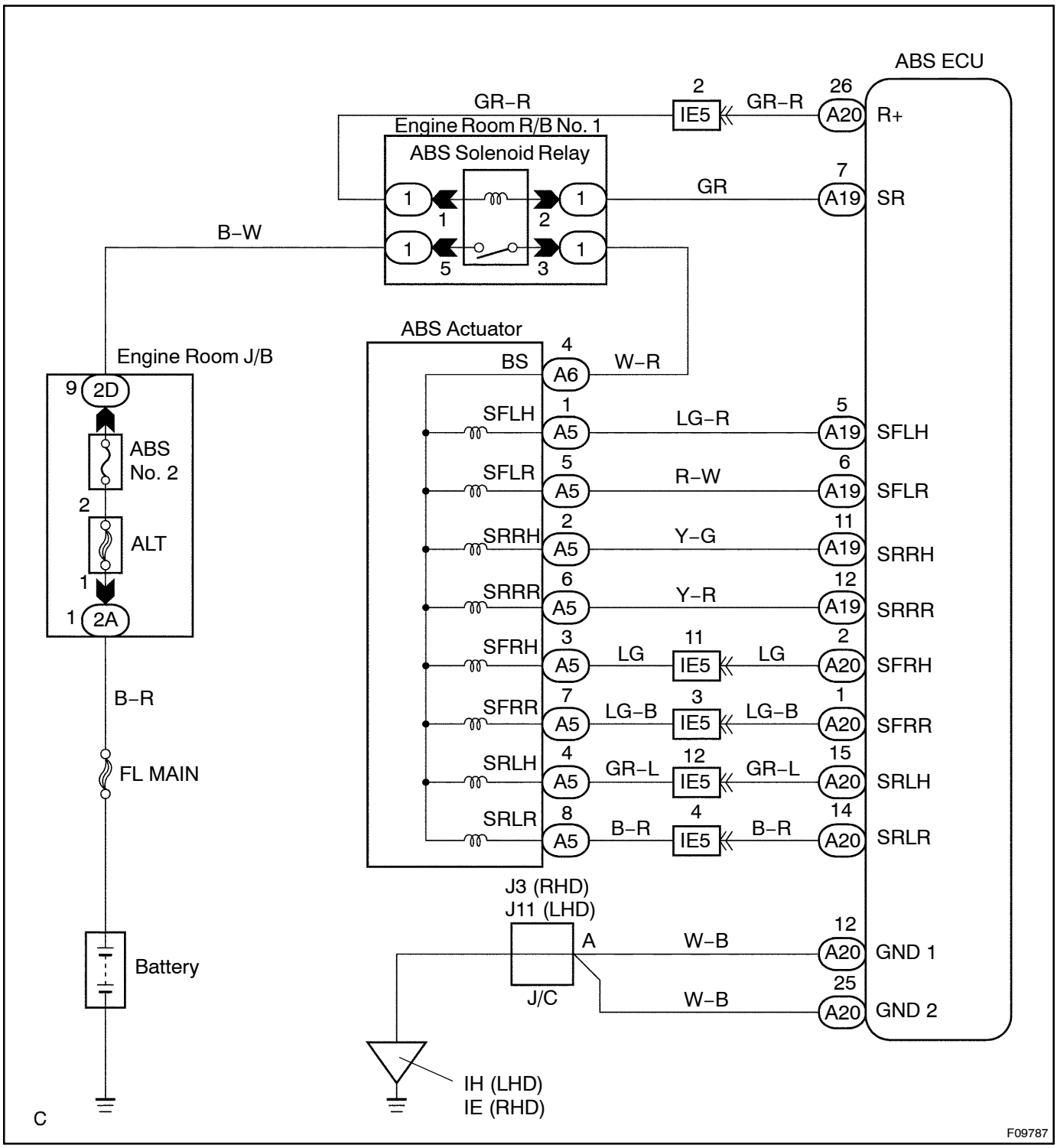
CIRCUIT DESCRIPTION

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	Condition 1. or 2. continues for 0.05 sec. or more: 1. IG1 terminal voltage of ABS ECU is 9.5 – 18.5 V, there is open or short circuit in actuator solenoid SFRR or SFRH. 2. IG1 terminal voltage of ABS ECU is 9.5 – 18.5 V, and while ABS is control in operation.*1	• ABS actuator • SFRR or SFRH circuit
C0236/22	Condition 1. or 2. continues for 0.05 sec. or more: 1. IG1 terminal voltage of ABS ECU is 9.5 – 18.5 V, there is open or short circuit in actuator solenoid SFLR or SFLH. 2. IG1 terminal voltage of ABS ECU is 9.5 – 18.5 V, and while ABS is control in operation.*1	• ABS actuator • SFLR or SFLH circuit
C0246/23	Condition 1. or 2. continues for 0.05 sec. or more: 1. IG1 terminal voltage of ABS ECU is 9.5 – 18.5 V, there is open or short circuit in actuator solenoid SRRR or SRRH. 2. IG1 terminal voltage of ABS ECU is 9.5 – 18.5 V, and while ABS is control in operation.*1	• ABS actuator • SRRR or SRRH circuit
C0256/24	Condition 1. or 2. continues for 0.05 sec. or more: 1. IG1 terminal voltage of ABS ECU is 9.5 – 18.5 V, there is open or short circuit in actuator solenoid SRLR or SRLH. 2. IG1 terminal voltage of ABS ECU is 9.5 – 18.5 V, and while ABS is control in operation.*1	• ABS actuator • SRLR or SRLH circuit

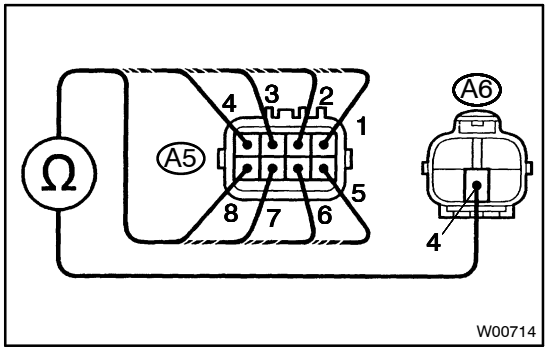
*1 Solenoid relay contact ON condition:
All of solenoid terminal voltage is half of IG1 terminal voltage or less than.

WIRING DIAGRAM



INSPECTION PROCEDURE

1	**Check ABS actuator solenoid.**



PREPARATION:

Disconnect the 2 connectors from ABS actuator.

CHECK:

Check continuity between terminals A6 – 4 and A5 – 1, 2, 3, 4, 5, 6, 7, 8 of ABS actuator connector.

OK:

Continuity

HINT:

Resistance of S##H solenoid coil is approx. 8 Ω.

Resistance of S##R solenoid coil is approx. 4 Ω.

NG	**Replace ABS actuator.**

OK

2	**Check for open and short circuit in harness and connector between ABS ECU and actuator (See page IN–30).**

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.