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

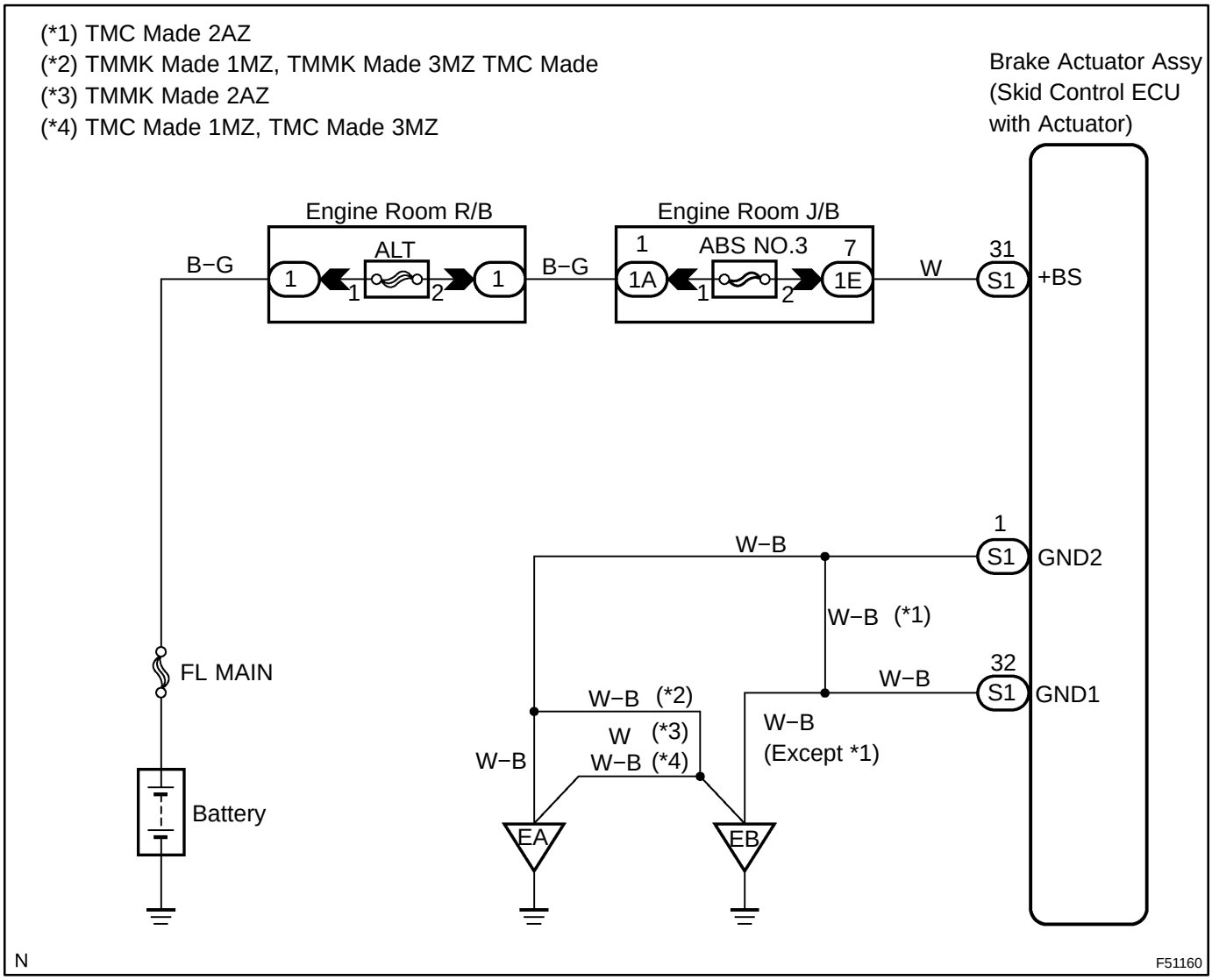
CIRCUIT DESCRIPTION

This solenoid turns on when signals are received from the ECU and controls the pressure acting on the wheel cylinders to control braking force.

DTC No.	DTC Detecting Condition	Trouble Area
C0226/21	Open or short circuit in front right solenoid circuit (SFRR or SFRH) continues for 0.05 sec. or more.	• Brake actuator assy • Each solenoid circuit
C0236/22	Open or short circuit in front left solenoid circuit (SFLR or SFLH) continues for 0.05 sec. or more.	• Brake actuator assy • Each solenoid circuit
C0246/23	Open or short circuit in rear right solenoid circuit (SRRR or SRRH) continues for 0.05 sec. or more.	• Brake actuator assy • Each solenoid circuit
C0256/24	Open or short circuit in rear left solenoid circuit (SRLR or SRLH) continues for 0.05 sec. or more.	• Brake actuator assy • Each solenoid circuit
C1225/25	When any of the following (1 to 5) is detected: (1) All the following conditions continue for at least 0.05 seconds. • When switching solenoid (SM1 or SM2) outputs ON signal. • Over current. (2) All the following conditions continue for at least 0.05 seconds. • When switching solenoid (SM1 or SM2) outputs OFF signal. • Open circuit. (3) All the following conditions continue for at least 0.05 seconds. • When switching solenoid (SM1 or SM2) outputs OFF signal. • Output current monitor is more than 0.15 A. (4) All the following conditions continue for at least 0.05 seconds. • When switching solenoid (SM1 or SM2) outputs ON signal. • Output current is more than 0.348 A. • Difference between current monitor and target value exceeds 2. This situation continues for 0.1 sec. to 0.15 sec. (5) All the following conditions continue for at least 0.2 seconds. • When switching solenoid (SM1 or SM2) outputs ON signal. • Output current is more than 0.348 A. 1. More than 2.08 2. Less than 0.48	• Brake actuator assy • Each solenoid circuit

WIRING DIAGRAM

(*1) TMC Made 2AZ
(*2) TMMK Made 1MZ, TMMK Made 3MZ TMC Made
(*3) TMMK Made 2AZ
(*4) TMC Made 1MZ, TMC Made 3MZ



INSPECTION PROCEDURE

NOTICE:

When replacing the brake actuator assy, perform zero point calibration (see page 05−987).

1	RECONFIRM DTC

HINT:

These codes are detected when a problem is determined in the brake actuator assy.

The solenoid circuit is in the brake actuator assy.

Therefore, solenoid circuit inspection and solenoid unit inspection cannot be performed. Be sure to check if the DTC codes are output before replacing the brake actuator assy.

(a) Clear the DTCs (see page 05−1002).

(b) Turn the ignition switch to the ON position.

(c) Are the same DTCs recorded? (see page 05−1002)

NO → **END**

HINT:

These DTCs may be memorized due to a malfunction in the connector terminal.

YES

REPLACE BRAKE ACTUATOR ASSY (SEE PAGE 32−63)