DTC	C0226/21	OPEN OR SHORT CIRCUIT IN HYDRAULIC BRAKE BOOSTER SOLENOID CIRCUIT (SFR CIRCUIT)

DTC	C0236/22	OPEN OR SHORT CIRCUIT IN HYDRAULIC BRAKE BOOSTER SOLENOID CIRCUIT (SFL CIRCUIT)

DTC	C0246/23	OPEN OR SHORT CIRCUIT IN HYDRAULIC BRAKE BOOSTER SOLENOID CIRCUIT (SRR CIRCUIT)

DTC	C0256/24	OPEN OR SHORT CIRCUIT IN HYDRAULIC BRAKE BOOSTER SOLENOID CIRCUIT (SRL CIRCUIT)

DTC	C1225/25	OPEN OR SHORT IN HYDRAULIC BRAKE BOOSTER SOLENOID CIRCUIT (SMC(SA1) CIRCUIT)

DTC	C1226/26	OPEN OR SHORT IN HYDRAULIC BRAKE BOOSTER SOLENOID CIRCUIT (SPC(SA2) CIRCUIT)

DTC	C1227/27	OPEN OR SHORT IN HYDRAULIC BRAKE BOOSTER SOLENOID CIRCUIT (SRC(SA3) CIRCUIT)

DTC	C1228/28	OPEN OR SHORT IN HYDRAULIC BRAKE SOLENOID CIRCUIT (STR CIRCUIT)

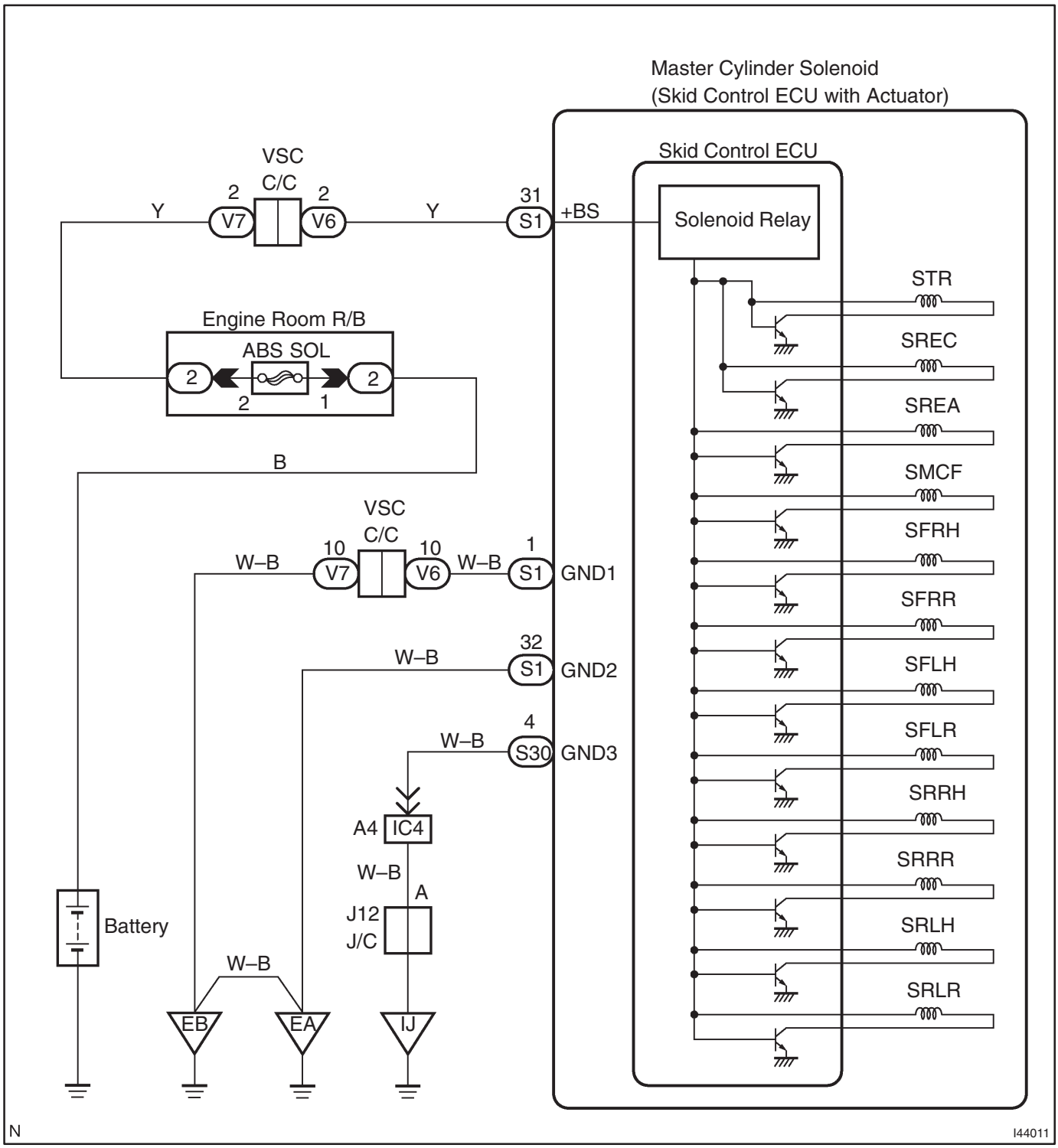
CIRCUIT DESCRIPTION

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

DTC No.	DTC Detection Condition	Trouble Area
C0226/21	Open or short circuit in SFRH or SFRR circuit continues for 0.05 seconds or more.	• SFRH or SFRR circuit • Master cylinder solenoid
C0236/22	Open or short circuit in SFLH or SFLR circuit continues for 0.05 seconds or more.	• SFLH or SFLR circuit • Master cylinder solenoid
C0246/23	Open or short circuit in SRRH or SRRR circuit continues for 0.05 seconds or more.	• SRRH or SRRR circuit • Master cylinder solenoid

C0256/24	Open or short circuit in SRLH or SRLR circuit continues for 0.05 seconds or more.	• SRLH or SRLR circuit • Master cylinder solenoid
C1225/25	Open or short circuit in SMCF circuit continues for 0.05 seconds or more.	• SMCF circuit • Master cylinder solenoid
C1226/26	Open or short circuit in SREA circuit continues for 0.05 seconds or more.	• SREA circuit • Master cylinder solenoid
C1227/27	Open or short circuit in SREC circuit continues for 0.05 seconds or more.	• SREC circuit • Master cylinder solenoid
C1228/28	Open or short circuit in STR circuit continues for 0.05 seconds or more.	• STR circuit • Master cylinder solenoid

WIRING DIAGRAM



INSPECTION PROCEDURE

NOTICE:

When replacing the master cylinder solenoid, perform zero point calibration (see page 05–744).

1	RECONFIRM DTC

HINT:

These codes are detected when a problem is determined in the master cylinder solenoid.

The solenoid circuit is in the master cylinder solenoid.

Therefore, solenoid circuit inspection and solenoid unit inspection cannot be performed. Be sure to check if any DTC is output before replacing the master cylinder solenoid.

(a) Clear the DTCs (see page 05–766).

(b) Check if the same DTCs are detected (see page 05–766).

Result:

DTC is output	A
DTC is not output	B

B → END

A → REPLACE MASTER CYLINDER SOLENOID (SEE PAGE 32–12)