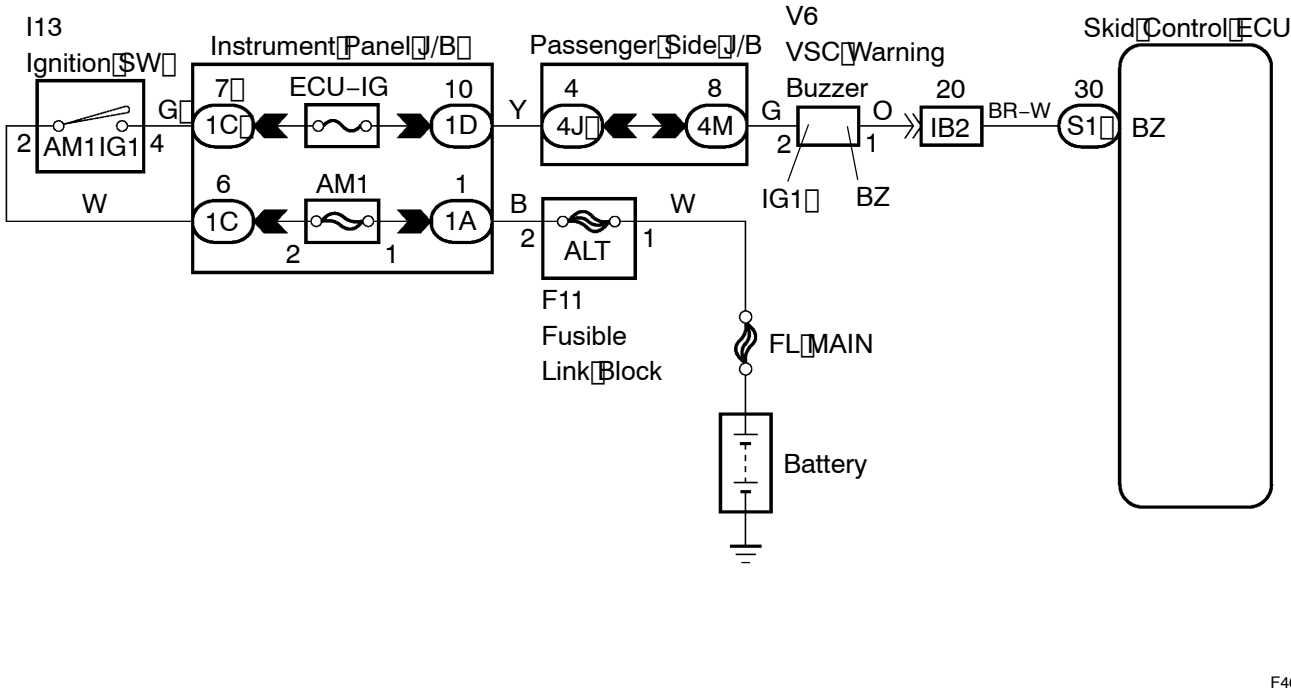
SKID CONTROL BUZZER CIRCUIT

CIRCUIT DESCRIPTION

The skid control buzzer sounds during VSC operation.

WIRING DIAGRAM



INSPECTION PROCEDURE

Start the inspection from step 1 in case of using the hand–held tester and start from step 2 in case of not using the hand–held tester.

1	PERFORM ACTIVE TEST BY HAND–HELD TESTER(SKID CONTROL BUZZER)

(a) Connect the hand–held tester to the DLC3.
(b) Start the engine.
(c) Select the item "VSC/BR WARN BUZ" in the ACTIVE TEST and operate the skid control buzzer on the hand–held tester.

Item	Vehicle Condition / Test Details	Diagnostic Note
VSC/BR WARN BUZ	Turns VSC/BRAKE warning buzzer ON/OFF	Buzzer can be heard

(d) Check that skid control buzzer sounds by operating with the hand–held tester.

OK:

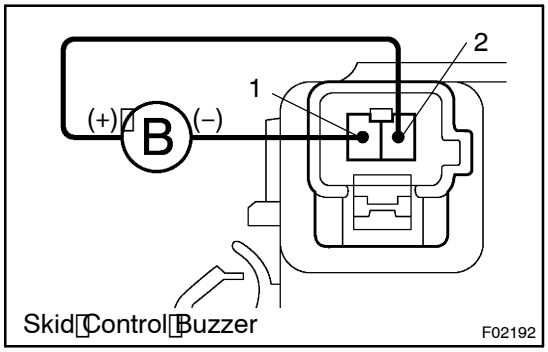
The skid control buzzer sounds in accordance with operation of the hand–held tester.

NG → **Go to step 2**

OK

REPLACE ABS & TRACTION ACTUATOR ASSY (SEE PAGE 32–43)

2 INSPECT SKID CONTROL BUZZER ASSY



(a) Disconnect the skid control buzzer connector.

(b) Apply a battery positive voltage to terminals 1 and 2 of the skid control buzzer connector, and check that the buzzer sounds.

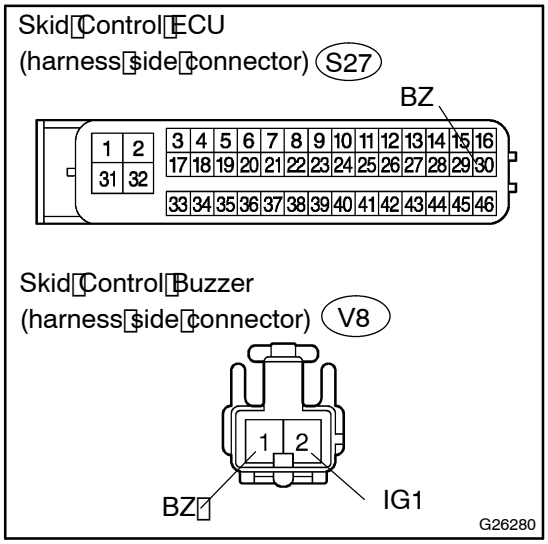
OK:

The skid control buzzer sound should be heard.

NG → **REPLACE SKID CONTROL BUZZER ASSY**

OK

3 CHECK HARNESS AND CONNECTOR(SKID CONTROL BUZZER – SKID CONTROL ECU)



(a) Disconnect the skid control buzzer connector and the skid control ECU connector.

(b) Measure the resistance according to the value(s) in the table below.

Standard:

Tester Connection	Specified Condition
S27–30 (BZ) – V8–1 (BZ)	Below 1 Ω

(c) Measure the resistance according to the value(s) in the table below.

Standard:

Tester Connection	Specified Condition
S27–30 (BZ) – Body ground	10 kΩ or higher

NG → **REPAIR OR REPLACE HARNESS OR CONNECTOR**

OK

REPLACE ABS & TRACTION ACTUATOR ASSY (SEE PAGE 32–43)