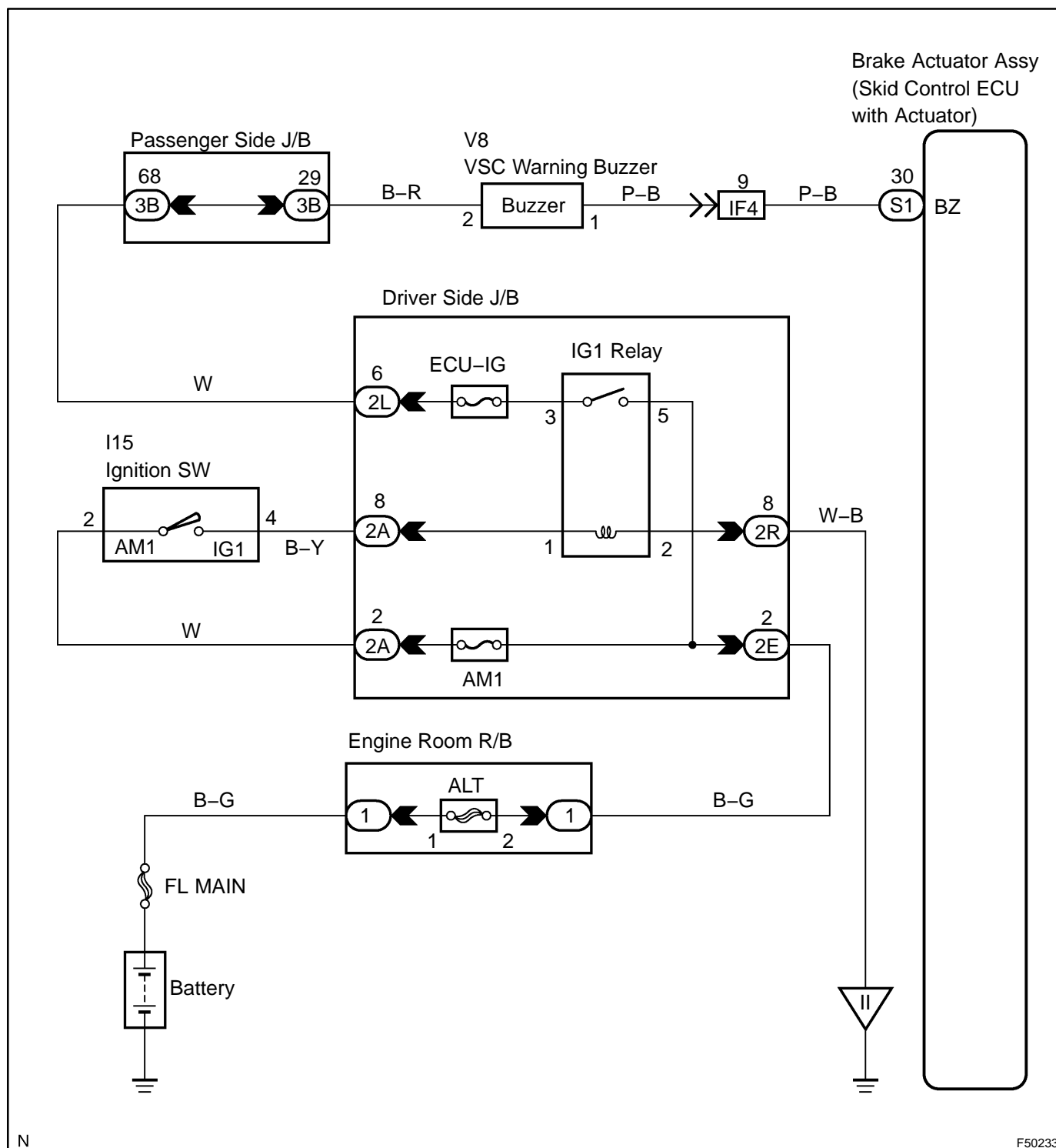


SKID CONTROL BUZZER CIRCUIT

CIRCUIT DESCRIPTION

The skid control buzzer sounds during VSC operation.

WIRING DIAGRAM



INSPECTION PROCEDURE

NOTICE:

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

HINT:

Start the inspection from step 1 when using the hand-held tester and start from step 2 when 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 "ON" and "OFF" with the hand-held tester.

OK:

The skid control buzzer sounds can be heard.

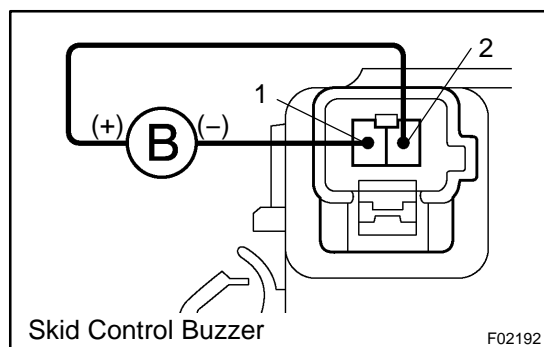
NG

Go to step 2

OK

REPLACE BRAKE ACTUATOR ASSY (SEE PAGE 32-63)

2 INSPECT SKID CONTROL BUZZER ASSY



- (a) Disconnect the skid control buzzer connector V8.
- (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 buzzer sound can be heard.

NG

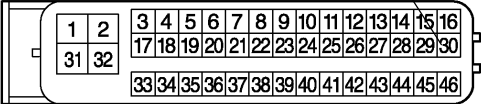
REPLACE SKID CONTROL BUZZER ASSY

OK

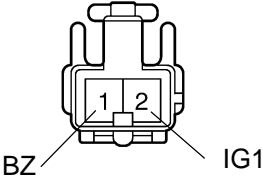
3

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

Skid Control ECU
(harness side connector) S1



Skid Control Buzzer
(harness side connector) V8



G26280

- (a) Disconnect the skid control buzzer connector V8 and the skid control ECU connector S1.
- (b) Measure the resistance according to the value(s) in the table below.

Standard:

Tester Connection	Specified Condition
S1-30 (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
S1-30 (BZ) – Body ground	10 kΩ or higher

NG

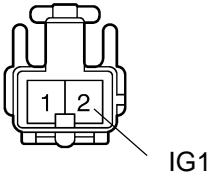
REPAIR OR REPLACE HARNESS OR CONNECTOR

OK

4

INSPECT SKID CONTROL BUZZER ASSY

Skid Control Buzzer
(harness side connector)



F50495

- (a) Measure the voltage of the skid control buzzer IG1 circuit.

Standard:

10 to 14 V

NG

REPAIR OR REPLACE HARNESS OR CONNECTOR

OK

REPLACE BRAKE ACTUATOR ASSY (SEE PAGE 32-63)