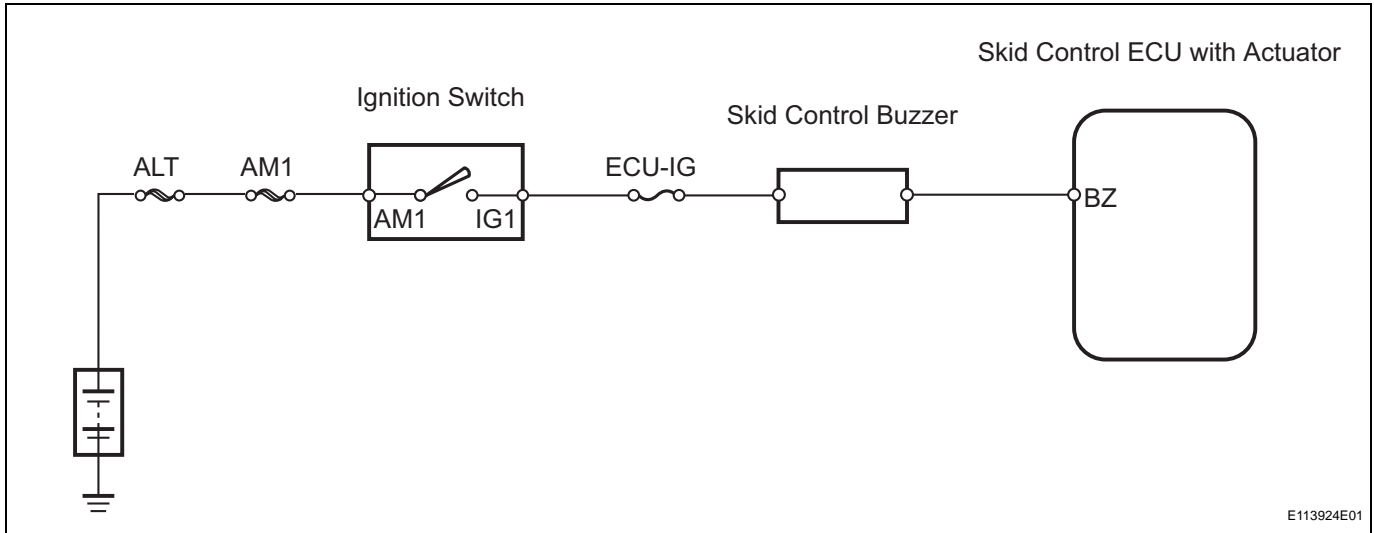


Skid Control Buzzer Circuit

DESCRIPTION

The skid control buzzer sounds during VSC operation.

WIRING DIAGRAM



1 CHOOSE DIAGNOSIS METHOD

(a) Choose the diagnosis method.

Method

Method	Proceed to
Using intelligent tester	A
Not using intelligent tester	B

B

Go to step 3

A

2 PERFORM ACTIVE TEST BY INTELLIGENT TESTER (SKID CONTROL BUZZER)

(a) Select the ACTIVE TEST, generate a control command, and then check that the skid control buzzer sounds.

Skid control ECU with actuator

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

OK:

Normal operation.

HINT:

When replacing the skid control ECU with actuator, perform the zero point calibration (see page [BC-11](#)).

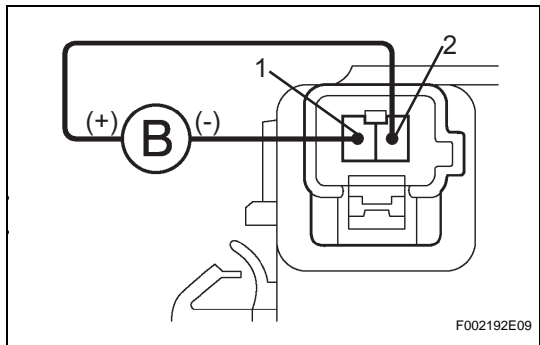
OK

REPLACE BRAKE ACTUATOR ASEMBLY

NG

3

INSPECT SKID CONTROL BUZZER ASSEMBLY



- (a) Disconnect the skid control buzzer connector.
- (b) Apply positive (+) battery voltage to terminals 1 and 2 of the skid control buzzer connector. Check that the buzzer sounds.
- OK:
Skid control buzzer sound is heard.

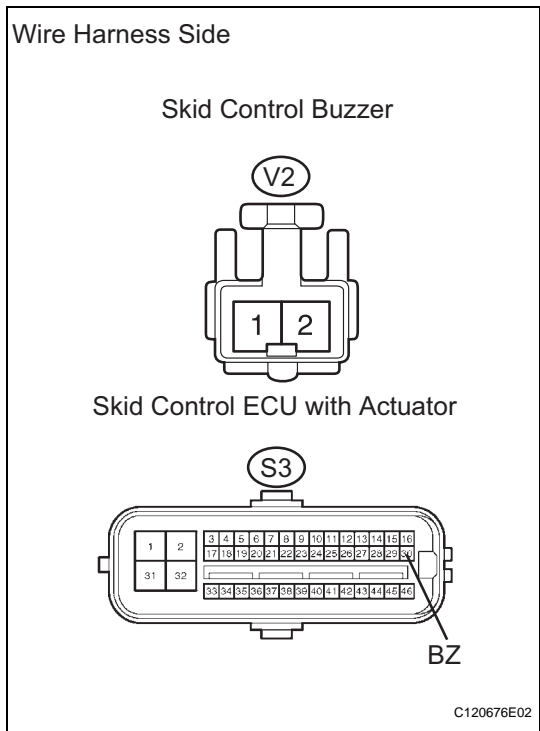
NG

REPLACE SKID CONTROL BUZZER ASSEMBLY

OK

4

CHECK WIRE HARNESS (SKID CONTROL BUZZER - SKID CONTROL ECU AND BATTERY)



- (a) Disconnect the V2 buzzer connector.
- (b) Disconnect the S3 ECU connector.
- (c) Measure the resistance of the wire harness side connectors.

Standard resistance

Tester Connection	Specified Condition
V2-1 - S3-30 (BZ)	Below 1 Ω

- (d) Measure the voltage of the wire harness side connectors.

Standard voltage

Tester Connection	Specified Condition
V2-2 - Body ground	10 to 14 V

HINT:
When replacing the skid control ECU with actuator, perform the zero point calibration (see page BC-11).

NG

REPAIR OR REPLACE HARNESS AND CONNECTOR

OK

REPLACE BRAKE ACTUATOR ASEMBLY