

Skid Control Buzzer Circuit

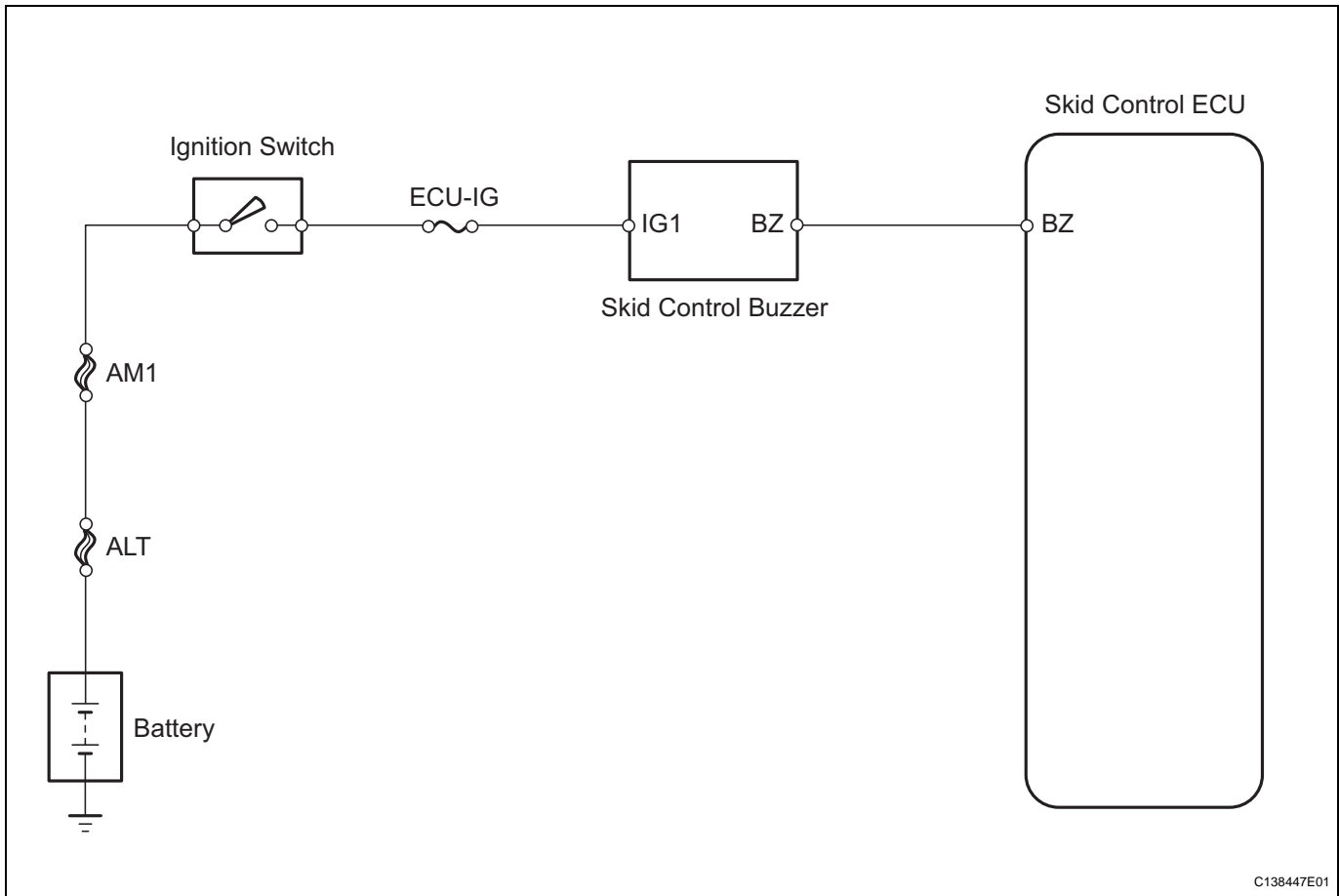
DESCRIPTION

The skid control buzzer sounds intermittently when the temperature of the actuator increases excessively during TRAC or A-TRAC system operation.

BC

This buzzer sounds continuously when a low pressure malfunction occurs in the accumulator.

WIRING DIAGRAM

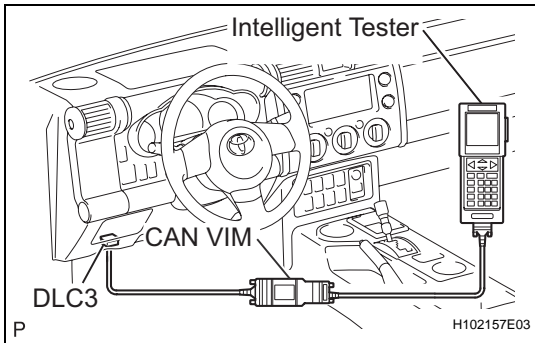


INSPECTION PROCEDURE

NOTICE:

When replacing the master cylinder solenoid, perform zero point calibration (See page [BC-24](#)).

1 PERFORM ACTIVE TEST USING INTELLIGENT TESTER (SKID CONTROL BUZZER)



- (a) Connect the intelligent 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 intelligent tester.
Select the following menu items: DIAGNOSIS / OBD/ MOBD /select vehicle / ABS/VSC / ACTIVE TEST.

ACTIVE TEST: ABS/VSC

Item	Vehicle Condition / Test Details	Diagnostic note
VSV / BR WARN BUZ	Turns skid control buzzer ON and OFF	Buzzer can be heard

- (d) Check that the buzzer sounds/stops when the skid control buzzer is turned on/off by using the intelligent tester.

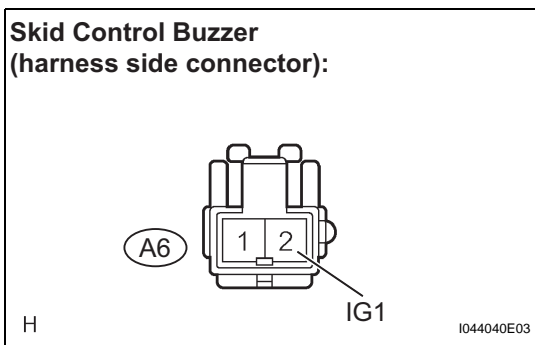
Result

Result	Proceed to
Buzzer does not sound or sounds constantly	A
Buzzer sounds/stops	B

B CHECK FOR INTERMITTENT PROBLEMS

A

2 INSPECT SKID CONTROL BUZZER (POWER SOURCE CIRCUIT)



- (a) Disconnect the skid control buzzer connector.
- (b) Turn the ignition switch on.
- (c) Measure the voltage.

Standard voltage

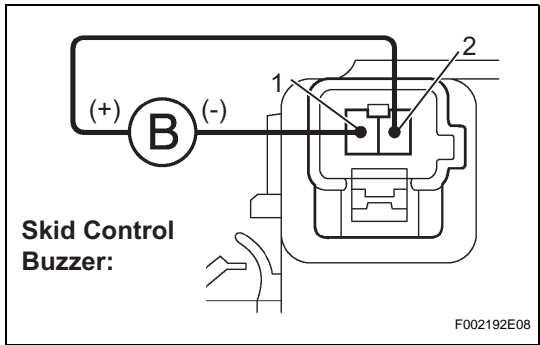
Tester Connection	Specified Condition
A6-2 (IG1) - Body ground	11 to 14 V

NG REPAIR OR REPLACE HARNESS OR CONNECTOR (POWER SOURCE CIRCUIT)

OK

BC

3 INSPECT SKID CONTROL BUZZER ASSEMBLY



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

OK:

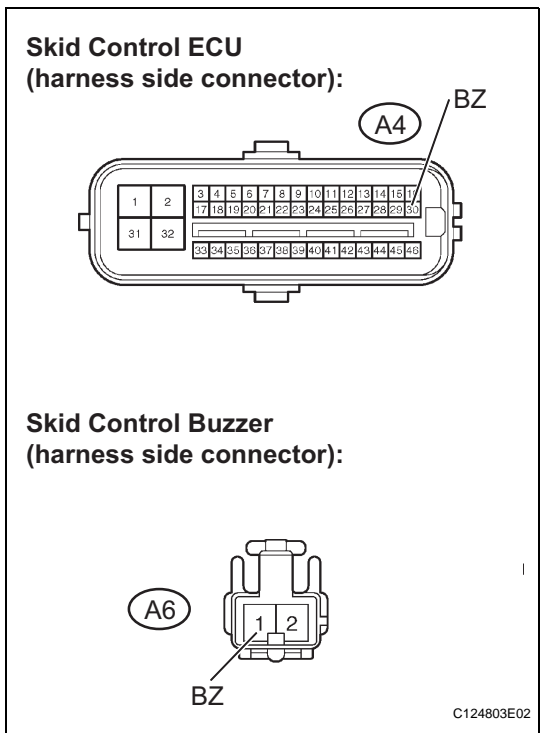
The skid control buzzer sound should be heard.

NG

REPLACE SKID CONTROL BUZZER ASSEMBLY

OK

4 CHECK HARNESS AND CONNECTOR (SKID CONTROL BUZZER - SKID CONTROL ECU)



- (a) Disconnect the skid control ECU connector.
- (b) Disconnect the skid control buzzer connector.
- (c) Measure the resistance.

Standard resistance

Tester Connection	Specified Condition
A4-30 (BZ) - A6-1 (BZ)	Below 1 Ω
A4-30 (BZ) - Body ground	10 kΩ or higher

NG

REPAIR OR REPLACE HARNESS OR CONNECTOR

OK

REPLACE MASTER CYLINDER SOLENOID