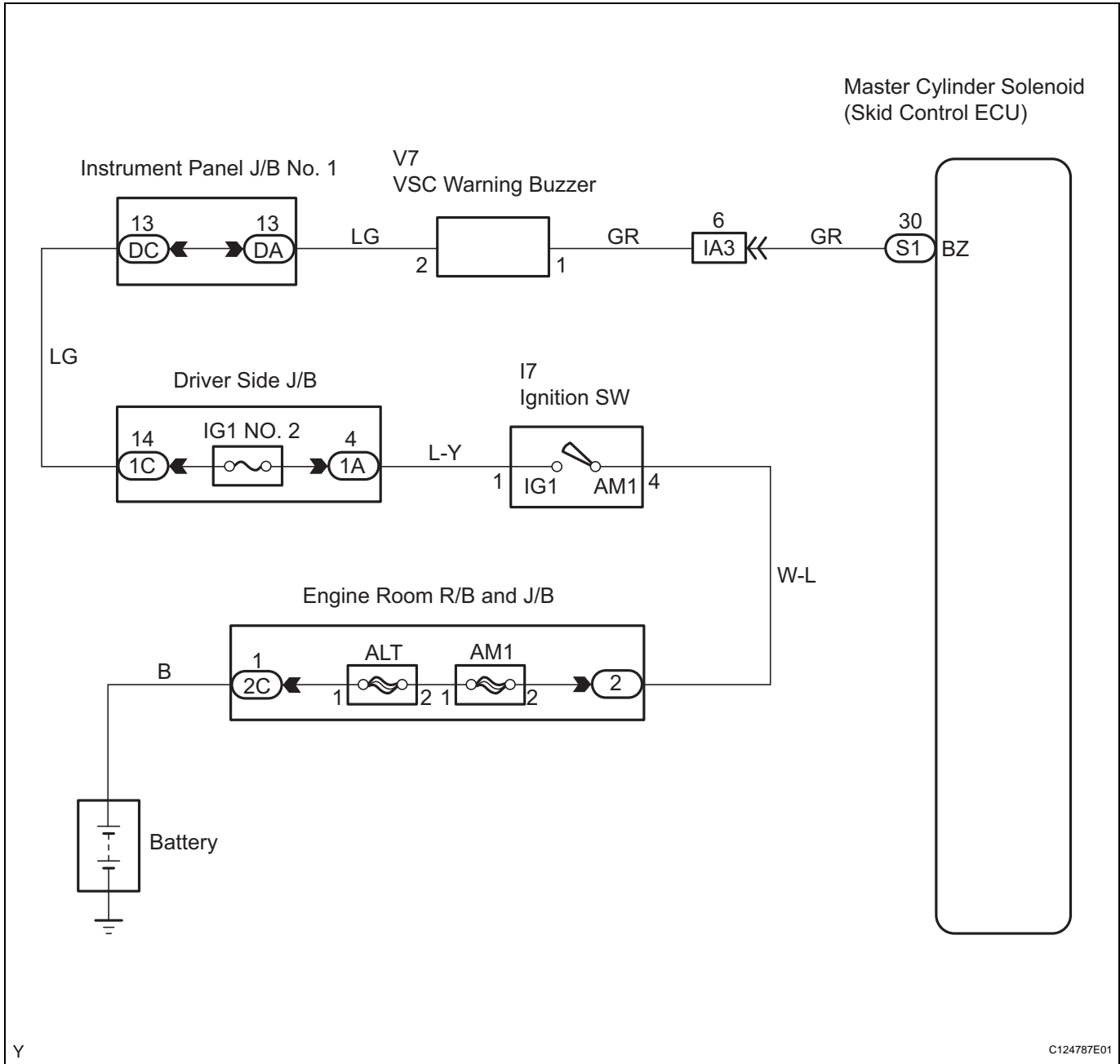


Skid Control Buzzer Circuit

DESCRIPTION

The skid control buzzer sounds when the VSV or Hill-start Assist Control (HAC) operates.

WIRING DIAGRAM



BC

HINT:

Start the inspection from step 1 when using an intelligent tester and start from step 2 when not using an intelligent tester.

1 PERFORM ACTIVE TEST BY 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.

Item	Vehicle Condition / Test Details	Diagnostic note
VSV / BR WARN BUZ	Turns VSV / BRAKE warning buzzer ON /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.

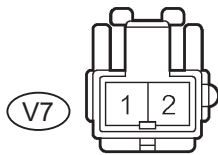
Result	Proceed to
Buzzer sounds/stops	A
Buzzer does not sound or sounds constantly	B

A CHECK FOR INTERMITTENT PROBLEMS

B

2 INSPECT SKID CONTROL BUZZER (POWER SOURCE CIRCUIT)

Skid Control Buzzer (harness side connector)



H

I044040E01

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

Standard

Tester Connection	Specified Condition
V7-2 - Body ground	10 to 14 V

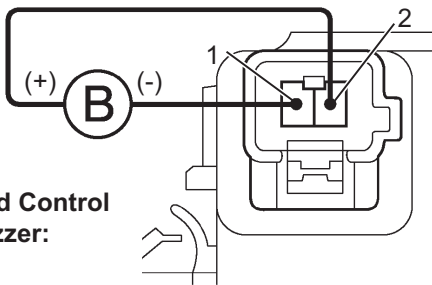
- (d) Turn the ignition switch to OFF.
- (e) Reconnect the skid control buzzer connector.

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

OK

3 INSPECT SKID CONTROL BUZZER ASSEMBLY

Skid Control Buzzer:



F002192E08

- (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.

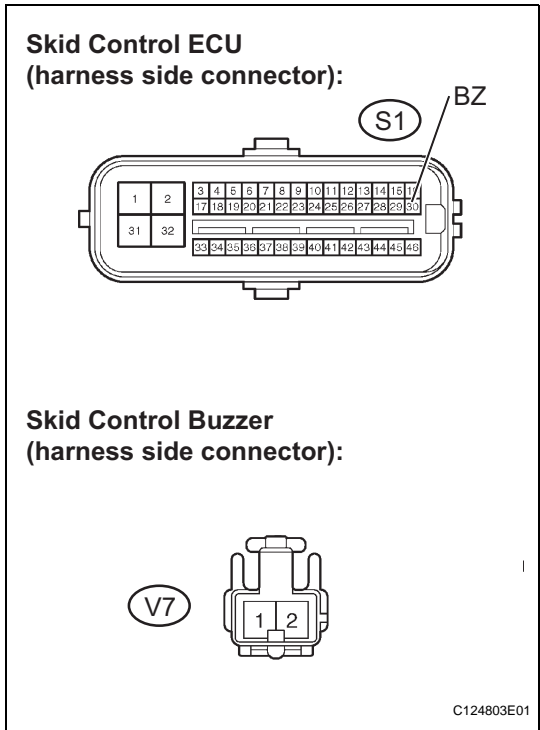
- (c) Reconnect the skid control buzzer connector.

NG REPLACE SKID CONTROL BUZZER ASSEMBLY

OK

BC

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

Tester Connection	Specified Condition
S1-30 (BZ) - V7-1	Below 1 Ω
S1-30 (BZ) - Body ground	10 kΩ or higher

- (d) Reconnect the skid control buzzer connector.
- (e) Reconnect the skid control ECU connector.

NG REPAIR OR REPLACE HARNESS OR CONNECTOR

OK

BC REPLACE MASTER CYLINDER SOLENOID