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

Result

<table>
<thead>
<tr>
<th>Result</th>
<th>Proceed to</th>
</tr>
</thead>
<tbody>
<tr>
<td>Buzzer does not sound or sounds constantly</td>
<td>A</td>
</tr>
<tr>
<td>Buzzer sounds/stops</td>
<td>B</td>
</tr>
</tbody>
</table>

B CHECK FOR INTERMITTENT PROBLEMS

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**

<table>
<thead>
<tr>
<th>Tester Connection</th>
<th>Specified Condition</th>
</tr>
</thead>
<tbody>
<tr>
<td>A6-2 (IG1) - Body ground</td>
<td>11 to 14 V</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Tester Connection</th>
<th>Specified Condition</th>
</tr>
</thead>
<tbody>
<tr>
<td>A4-30 (BZ) - A6-1 (BZ)</td>
<td>Below 1 Ω</td>
</tr>
<tr>
<td>A4-30 (BZ) - Body ground</td>
<td>10 kΩ or higher</td>
</tr>
</tbody>
</table>

NG
REPAIR OR REPLACE HARNESS OR CONNECTOR

OK

REPLACE MASTER CYLINDER SOLENOID