AUTO LSD Indicator Light Remains ON

DESCRIPTION
This is the AUTO LSD main switch circuit. When the AUTO LSD switch is pushed on, the AUTO LSD function is available and the AUTO LSD indicator light illuminates.

HINT:
The AUTO LSD does not operate even if the AUTO LSD switch is pressed under the following conditions:
• TRAC or VSC system is faulty.
• Temperature inside the hydraulic brake booster increases and the AUTO LSD operation is suspended.

WIRING DIAGRAM

INSPECTION PROCEDURE
NOTICE:
When replacing the master cylinder solenoid, perform zero point calibration (See page BC-24).
1 INSPECT AUTO LSD SWITCH

(a) Remove the AUTO LSD switch.
(b) Disconnect the AUTO LSD switch connector.
(c) Measure the resistance.

**Standard resistance**

<table>
<thead>
<tr>
<th>Tester Connection</th>
<th>Switch Condition</th>
<th>Specified Condition</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 - 4</td>
<td>Released</td>
<td>10 kΩ or higher</td>
</tr>
<tr>
<td>3 - 4</td>
<td>Pushed in</td>
<td>Below 1 Ω</td>
</tr>
</tbody>
</table>

NG REPLACE AUTO LSD SWITCH

2 CHECK HARNESS AND CONNECTOR (SKID CONTROL ECU - AUTO LSD SWITCH)

(a) Disconnect the skid control ECU connector.
(b) Disconnect the AUTO LSD connector.
(c) Measure the resistance.

**Standard resistance**

<table>
<thead>
<tr>
<th>Tester Connection</th>
<th>Specified Condition</th>
</tr>
</thead>
<tbody>
<tr>
<td>A4-43 (CSW) - E3-3</td>
<td>Below 1 Ω</td>
</tr>
<tr>
<td>A4-43 (CSW) - Body ground</td>
<td>10 kΩ or higher</td>
</tr>
<tr>
<td>E3-4 - Body ground</td>
<td>Below 1 Ω</td>
</tr>
</tbody>
</table>

NG REPAIR OR REPLACE HARNESS OR CONNECTOR

OK
3 CHECK HARNESS AND CONNECTOR (SKID CONTROL ECU - COMBINATION METER)

(a) Disconnect the skid control ECU connector.
(b) Disconnect the combination meter connector.
(c) Measure the resistance.

**Standard resistance**

<table>
<thead>
<tr>
<th>Tester Connection</th>
<th>Specified Condition</th>
</tr>
</thead>
<tbody>
<tr>
<td>A4-15 (INFR) - E14-10 (ALSD)</td>
<td>Below 1 Ω</td>
</tr>
<tr>
<td>A4-15 (INFR) - Body ground</td>
<td>10 kΩ or higher</td>
</tr>
</tbody>
</table>

Repair or replace harness or connector

OK

4 INSPECT COMBINATION METER ASSEMBLY

(a) Check the combination meter system (See page ME-29).

OK:

Combination meter is normal.

NG

Replace combination meter assembly

OK

Replace master cylinder solenoid