A-TRAC Indicator Light Remains ON

DESCRIPTION
This is the A-TRAC main switch circuit. When the A-TRAC switch is pushed on, the A-TRAC function is available and the A-TRAC indicator light illuminates.

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

WIRING DIAGRAM
INSPECTION PROCEDURE

NOTICE:
When replacing the master cylinder solenoid, perform zero point calibration (See page BC-24).

1 INSPECT A-TRAC SWITCH

(a) Remove the A-TRAC switch.
(b) Disconnect the A-TRAC switch connector.
(c) Measure the 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 A-TRAC SWITCH

OK

2 CHECK HARNESS AND CONNECTOR (SKID CONTROL ECU - A-TRACK SWITCH)

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

<table>
<thead>
<tr>
<th>Tester Connection</th>
<th>Specified Condition</th>
</tr>
</thead>
<tbody>
<tr>
<td>A4-44 (HDCS) - E15-4</td>
<td>Below 1 Ω</td>
</tr>
<tr>
<td>A4-44 (HDCS) - Body ground</td>
<td>10 kΩ or higher</td>
</tr>
<tr>
<td>E15-4 - 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>A4-33 (HDCW) - E14-9</td>
<td>Below 1 (\Omega)</td>
</tr>
<tr>
<td>A4-33 (HDCW) - Body ground</td>
<td>10 k(\Omega) or higher</td>
</tr>
</tbody>
</table>

NG ⇒ REPAIR OR REPLACE HARNESS OR CONNECTOR

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