ABS Warning Light Remains ON

DESCRIPTION
If any of the following is detected, the ABS warning light remains ON.
1. The skid control ECU connectors are disconnected from the skid control ECU.
2. There is a malfunction in the skid control ECU internal circuit.
3. There is an open in the harness between the combination meter and skid control ECU.

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

1 CHECK DTC
(a) Check if DTCs for ABS are recorded (See page BC-45).
Result

<table>
<thead>
<tr>
<th>Result</th>
<th>Proceed to</th>
</tr>
</thead>
<tbody>
<tr>
<td>DTC not output</td>
<td>A</td>
</tr>
<tr>
<td>DTC output</td>
<td>B</td>
</tr>
</tbody>
</table>

B REPAIR CIRCUITS INDICATED BY OUTPUT DTCS

2 INSPECT SKID CONTROL ECU CONNECTOR

(a) Check that the ECU connector is securely connected.

OK: The connector is securely connected.

NG CONNECT CONNECTOR CORRECTLY

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>A4-29 (WA) - E13-17 (ESC)</td>
<td>Below 1 Ω</td>
</tr>
</tbody>
</table>

(d) Measure the resistance.

Standard resistance

<table>
<thead>
<tr>
<th>Tester Connection</th>
<th>Specified Condition</th>
</tr>
</thead>
<tbody>
<tr>
<td>A4-29 (WA) - Body ground</td>
<td>10 kΩ or higher</td>
</tr>
</tbody>
</table>

NG REPAIR OR REPLACE HARNESS OR CONNECTOR

OK

4 INSPECT COMBINATION METER ASSEMBLY

(a) Check the combination meter system (See page ME-15).

OK: Combination meter is normal.
NG
REPLACE COMBINATION METER ASSEMBLY

OK

REPLACE MASTER CYLINDER SOLENOID