Cruise Main Indicator Light Circuit

DESCRIPTION
When the cruise control main switch is turned off, cruise control does not operate.

WIRING DIAGRAM

INSPECTION PROCEDURE

1. CHECK HARNESS AND CONNECTOR (ECM - BATTERY)

(a) Disconnect the E46 ECM connector.
(b) Measure the voltage.
   Standard voltage

<table>
<thead>
<tr>
<th>Tester Connection</th>
<th>Condition</th>
<th>Specified Condition</th>
</tr>
</thead>
<tbody>
<tr>
<td>PI (E46-18) - Body ground</td>
<td>Ignition switch ON</td>
<td>11 to 14 V</td>
</tr>
</tbody>
</table>

(c) Reconnect the ECM connector.

OK: PROCEED TO NEXT CIRCUIT INSPECTION SHOWN IN PROBLEM SYMPTOMS TABLE

NG
2 CHECK HARNESS AND CONNECTOR (COMBINATION METER ASSEMBLY - ECM)

(a) Disconnect the E46 ECM connector.
(b) Disconnect the combination meter E14 connector.
(c) Measure the resistance.
   **Standard resistance**

<table>
<thead>
<tr>
<th>Tester Connection</th>
<th>Specified Condition</th>
</tr>
</thead>
<tbody>
<tr>
<td>E14-4 - Pi (E46-18)</td>
<td>Below 1Ω</td>
</tr>
<tr>
<td>E14-4 - Body ground</td>
<td>10 kΩ or higher</td>
</tr>
</tbody>
</table>

(d) Reconnect the combination meter connector.
(e) Reconnect the ECM connector.

NG REPAIR OR REPLACE HARNESS OR CONNECTOR (COMBINATION METER ASSEMBLY - ECM)

3 CHECK HARNESS AND CONNECTOR (COMBINATION METER ASSEMBLY - BATTERY)

(a) Disconnect the E13 combination meter connector.
(b) Measure the voltage.
   **Standard voltage**

<table>
<thead>
<tr>
<th>Tester Connection</th>
<th>Condition</th>
<th>Specified Condition</th>
</tr>
</thead>
<tbody>
<tr>
<td>E13-2 - Body ground</td>
<td>Ignition switch ON</td>
<td>11 to 14 V</td>
</tr>
</tbody>
</table>

(c) Reconnect the combination meter connector.

NG REPAIR OR REPLACE HARNESS OR CONNECTOR (COMBINATION METER - BATTERY)

OK

REPLACE COMBINATION METER ASSEMBLY