

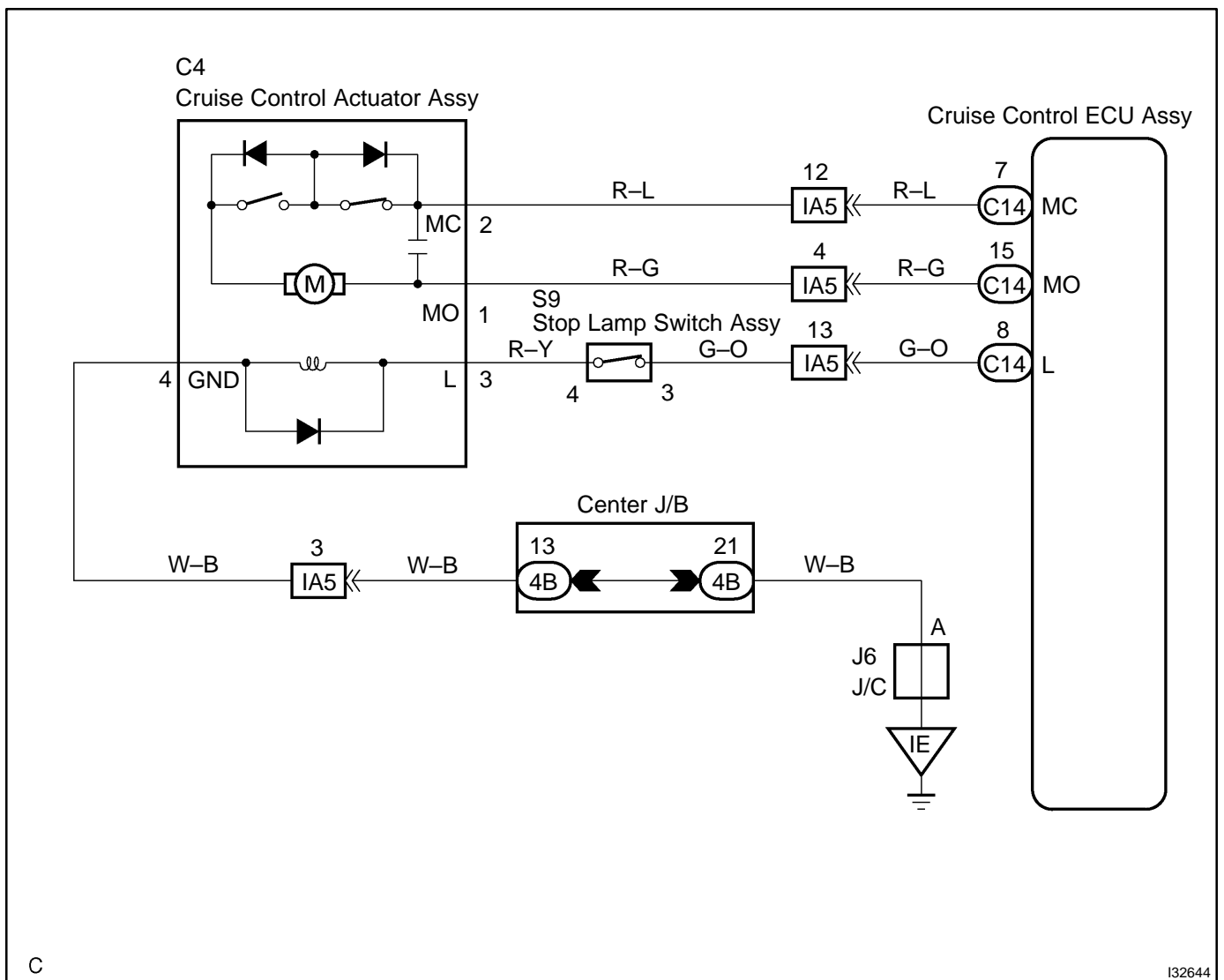
<b>DTC</b>	<b>14</b>	<b>ACTUATOR MECHANICAL MALFUNCTION</b>
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**CIRCUIT DESCRIPTION**

The circuit detects the rotation position of the actuator control plate and sends a signal to the cruise control ECU assy.

DTC No.	DTC Detecting Condition	Trouble Area
14	<ul style="list-style-type: none"> <li>• Cruise control actuator assy mechanical malfunction.</li> </ul>	<ul style="list-style-type: none"> <li>• Cruise control actuator assy (Actuator motor) (Actuator lock: motor, arm)</li> <li>• Cruise control ECU assy</li> </ul>

**WIRING DIAGRAM**

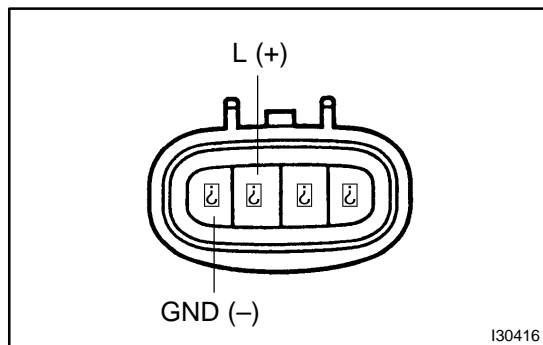


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## INSPECTION PROCEDURE

### 1 INSPECT CRUISE CONTROL ACTUATOR ASSY



- (a) Inspect the cruise control actuator arm locking operation.
- (1) Turn the ignition switch to OFF.
  - (2) Disconnect the cruise control actuator assy connector.
  - (3) Connect the positive (+) lead from the battery to the terminal 3 (L) of cruise control actuator assy and the negative (-) lead to terminal 4 (GND).

**NOTICE:**

**Do not connect the high tension cables to the wrong battery terminal. You will damage the cruise control actuator assy.**

- (4) Move the control plate by hand.

**OK:**

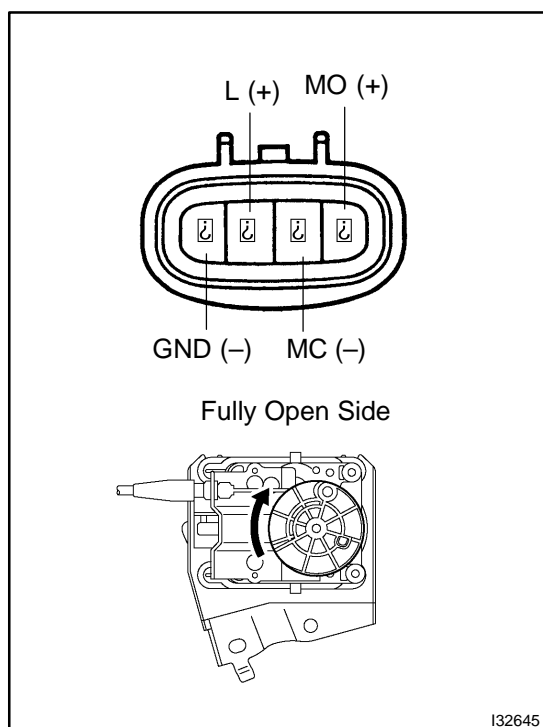
**Control plate does not move.**

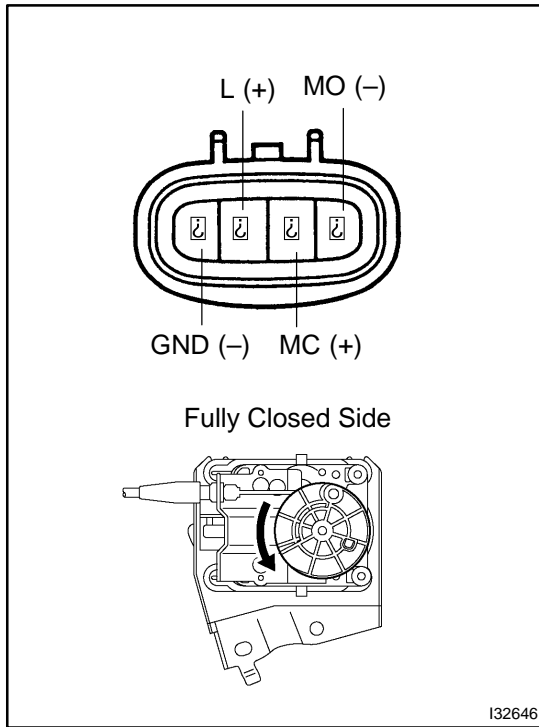
- (b) Inspect the cruise control actuator assy operation.

- (1) Turn the ignition switch to OFF.
- (2) Disconnect the cruise control actuator assy connector.
- (3) Connect the positive (+) lead from the battery to terminals 1 (MO) and 3 (L) of cruise control actuator assy, connect the negative (-) lead to terminals 2 (MC) and 4 (GND) of cruise control actuator assy.

**OK:**

**Control arm moves to full open side.**





- (4) Connect the positive (+) lead from the battery to terminals 2 (MC) and 3 (L) of cruise control actuator assy, connect the negative (-) lead to terminals 1 (MO) and 4 (GND) of cruise control actuator assy.

**OK:**

**Control arm moves to full close side.**

**NG**

**REPLACE CRUISE CONTROL ACTUATOR ASSY**

**OK**

**2 CHECK HARNESS AND CONNECTOR(BETWEEN CRUISE CONTROL ECU ASSY AND CRUISE CONTROL ACTUATOR ASSY)**

- (a) Check for open and short circuit in harness and connector between cruise control ECU assy and cruise control actuator assy (actuator motor) (See page [01-30](#)).

**NG**

**REPAIR OR REPLACE HARNESS OR CONNECTOR**

**OK**

**CHECK AND REPLACE CRUISE CONTROL ECU ASSY (See page [01-30](#))**