

DTC	14	Actuator Mechanical Malfunction
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CIRCUIT DESCRIPTION

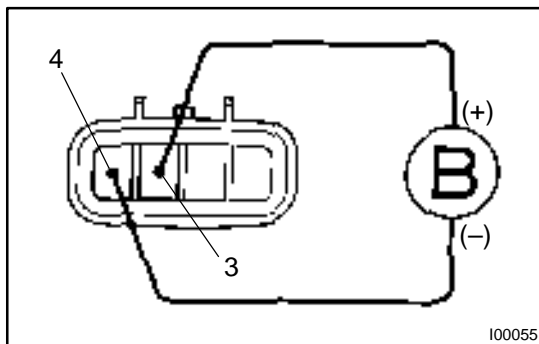
DTC No.	Detection Item	Trouble Area
14	<ul style="list-style-type: none"> • Open in actuator motor circuit. • Position sensor signal valve does not change when the motor operates. 	<ul style="list-style-type: none"> • Cruise control actuator motor • Harness or connector between actuator motor and ECU • Harness or connector between actuator position sensor and body ground • Cruise control actuator position sensor • Cruise control ECU

WIRING DIAGRAM

See page [DI-570](#)

INSPECTION PROCEDURE

1	Check actuator arm locking operation
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PREPARATION:

- Ignition switch OFF.
- Disconnect actuator connector.

CHECK:

- Connect the positive (+) lead from the battery to the terminal 3 of actuator and the negative (–) lead to terminal 4.

NOTICE:

Do not connect the high tension cables to the wrong battery terminal. The cruise control actuator will be damaged.

- Move the control plate by hands.

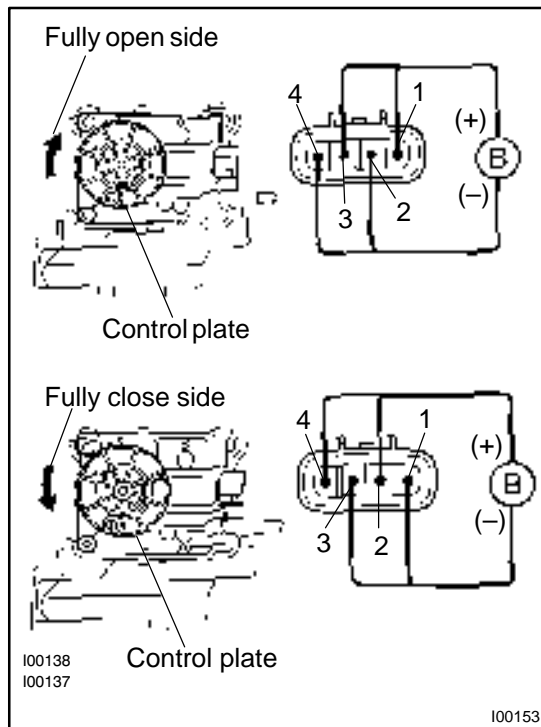
OK:

Control plate doesn't move.

NG

Replace cruise control actuator.

OK

2 Check actuator operation.**PREPARATION:**

Disconnect the actuator connector.

CHECK:

Connect the positive (+) lead from the battery to terminals 1 and 3 of actuator, connect the negative (–) lead to terminals 2 and 4 of actuator.

OK:

Control arm moves to fully open side

CHECK:

Connect the positive (+) lead from the battery to terminals 2 and 4 of actuator, connect the negative (–) lead to terminals 1 and 3 of actuator.

OK:

Control arm moves to fully close side

NG**Replace actuator.****OK****3 Check harness and connector between actuator and cruise control ECU (See page IN-28).****NG****Repair or replace harness or connector.****OK**

Check and replace cruise control ECU (See page IN-28).