

DTC	14	Actuator Mechanical Malfunction
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CIRCUIT DESCRIPTION

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

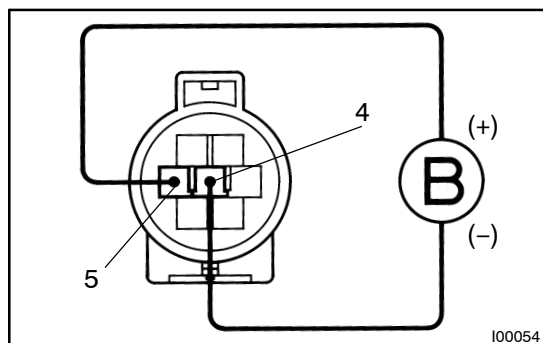
DTC No.	Detection Item	Trouble Area
14	• Open in actuator motor circuit. • Position sensor signal valve does not change when the motor operates.	• Actuator lock: (motor, arm) • Actuator motor • Harness or connector between cruise control ECU and actuator motor • Cruise control ECU

WIRING DIAGRAM

See page [DI-284](#).

INSPECTION PROCEDURE

1	Check cruise control actuator arm locking operation
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PREPARATION:

- Turn ignition switch OFF.
- Disconnect the actuator connector.

CHECK:

- Connect the positive (+) lead from the battery to the terminal 5 of actuator and the negative (-) lead to terminal 4.

NOTICE:

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

- Move the control plate by hand.

OK:

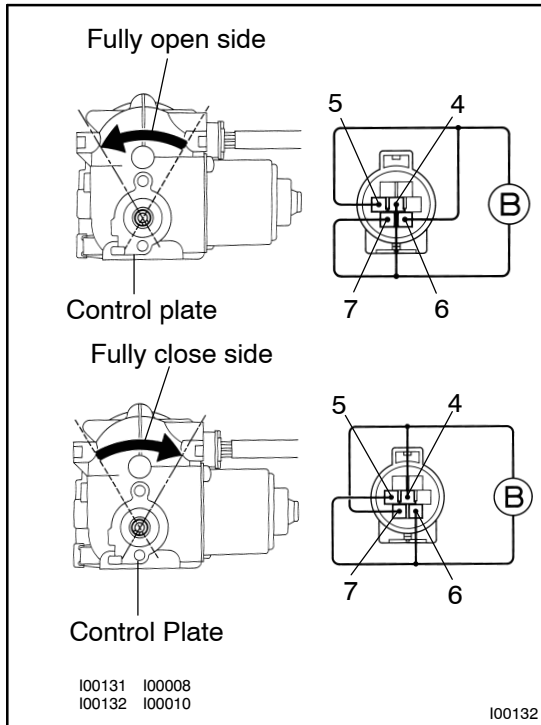
Control plate doesn't move.

NG

Replace cruise control actuator.

OK

2 Check cruise control actuator operation.



PREPARATION:

- (a) Turn ignition switch OFF.
- (b) Disconnect the actuator connector.

CHECK:

Connect the positive (+) lead from the battery to terminals 5 and 6 of actuator, connect the negative (-) lead to terminals 4 and 7 of actuator.

OK:

Control arm moves to full open side

CHECK:

Connect the positive (+) lead from the battery to terminals 4 and 7 of actuator, connect the negative (-) lead to terminals 5 and 6 of actuator.

OK:

Control arm moves to full close side

NG

Replace cruise control actuator.

OK

3 Check harness and connector between cruise control ECU and cruise control actuator (See page IN-27).

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Repair or replace harness or connector.

OK

Check and replace cruise control ECU (See page IN-27).