

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.

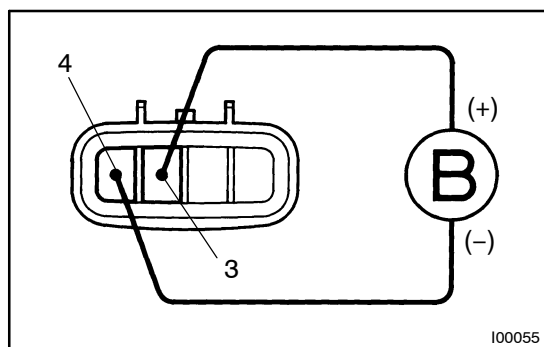
DTC No.	Detection Item	Trouble Area
14	Cruise control actuator mechanical malfunction.	• Actuator lock: (motor, arm) • Actuator motor • Cruise control ECU

WIRING DIAGRAM

See page DI-290.

INSPECTION PROCEDURE

1	Check cruise control actuator arm locking operation
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PREPARATION:

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

OK:

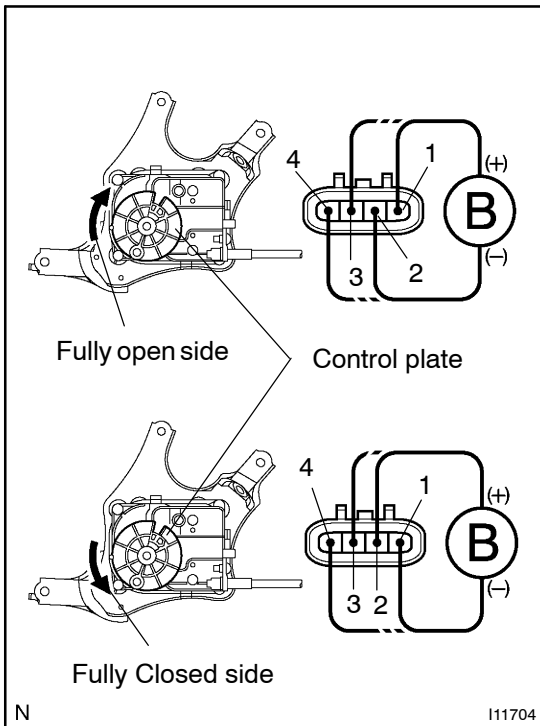
Control plate doesn't move.

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 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 3 of actuator, connect the negative (-) lead to terminals 1 and 4 of actuator.

OK:

Control arm moves to fully closed side

NG

Replace cruise control actuator.

OK

3 Check harness and connector between cruise control ECU and cruise control actuator (See page IN-30).

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Repair or replace harness or connector.

OK

Check and replace cruise control ECU (See page IN-30).