

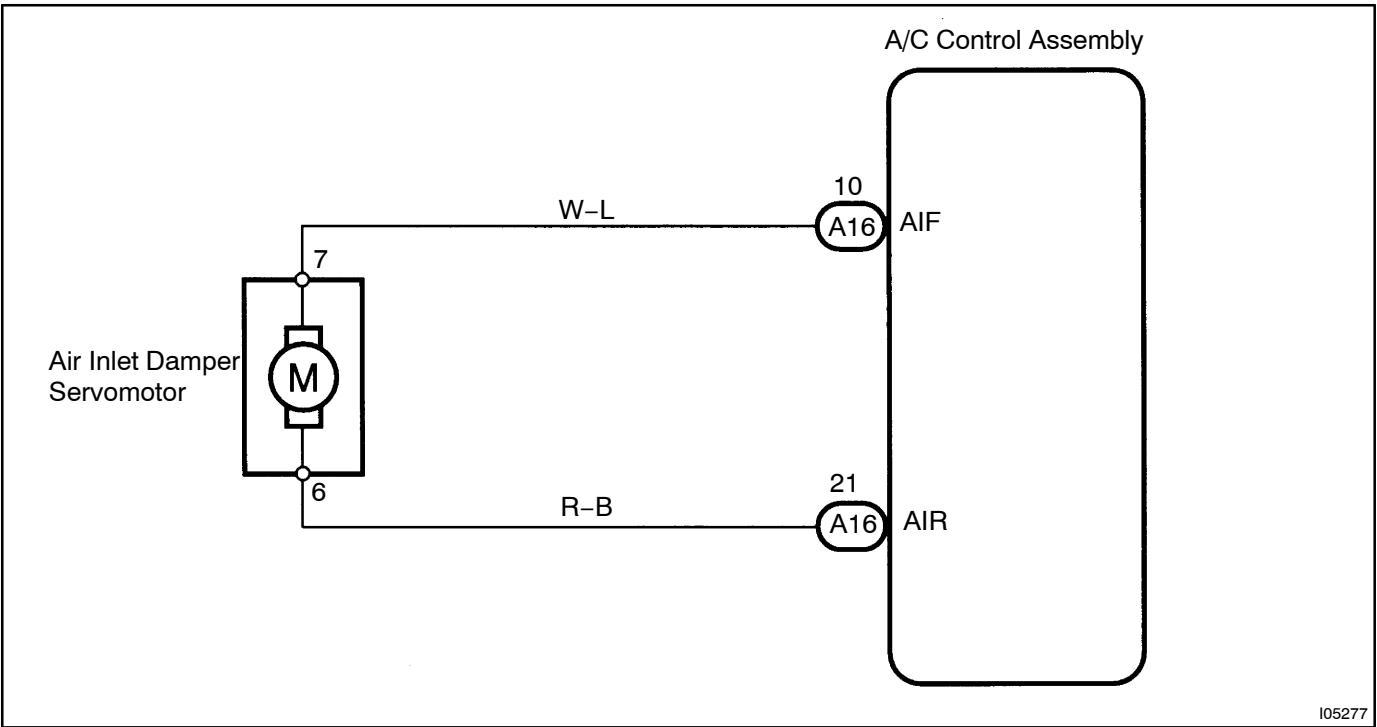
DTC	B1442/42	Air Inlet Damper Control Servomotor Circuit
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CIRCUIT DESCRIPTION

The air inlet damper control servomotor is controlled by the A/C control assembly and moves the air inlet damper to the desired position.

DTC No.	Detection item	Trouble Area
B1442/42	Air inlet damper position sensor value does not change even if A/C control assembly operated air inlet damper control servomotor.	<ul style="list-style-type: none">• Air inlet damper position sensor.• Harness or connector between air inlet damper control servomotor assembly and A/C control assembly.• A/C control assembly.

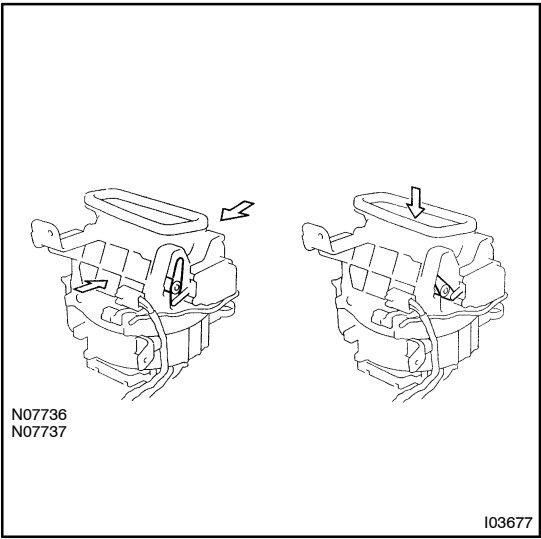
WIRING DIAGRAM



I05277

INSPECTION PROCEDURE

1	Actuator check.
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PREPARATION:

- (a) Remove glove box to see and check the air inlet damper operation.
- (b) Set to the actuator check mode (See page DI-904).
- (c) Press the A/C switch and change it to step operation.

CHECK:

Press the A/C switch in order and check the operation of air inlet damper.

OK:

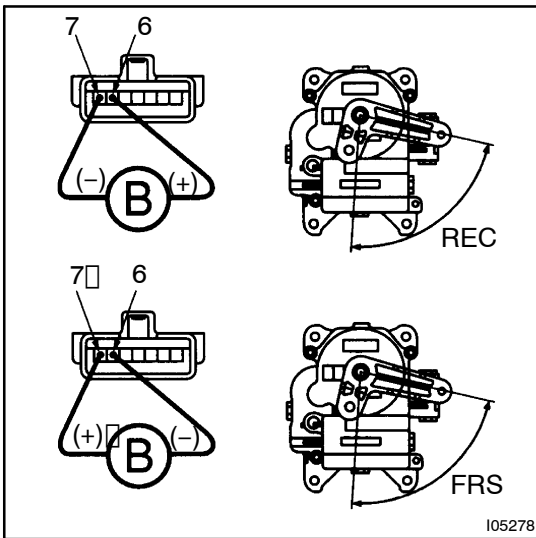
Display Code	Air Inlet Damper
0-1	FRS
2	F/R
3-5	REC
6-9	FRS

OK

Proceed to next circuit inspection shown on problem symptoms table (See page DI-912)

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2 Check air inlet damper control servomotor.



PREPARATION:

- Remove cooling unit (See page AC-26).
- Disconnect the air inlet damper control servomotor assembly connector.

CHECK:

Connect positive (+) lead to terminal 6 and negative (-) lead to terminal 7.

OK:

The lever moves smoothly to REC position.

CHECK:

Connect positive (+) lead to terminal 7 and negative (-) lead to terminal 6.

OK:

The lever moves smoothly to FRS position.

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Replace air inlet damper control servomotor assembly.

OK

3 Check harness and connector between A/C control assembly and air inlet damper control servomotor (See page IN-29).

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Repair or replace harness or connector.

OK

Check and replace A/C control assembly.