

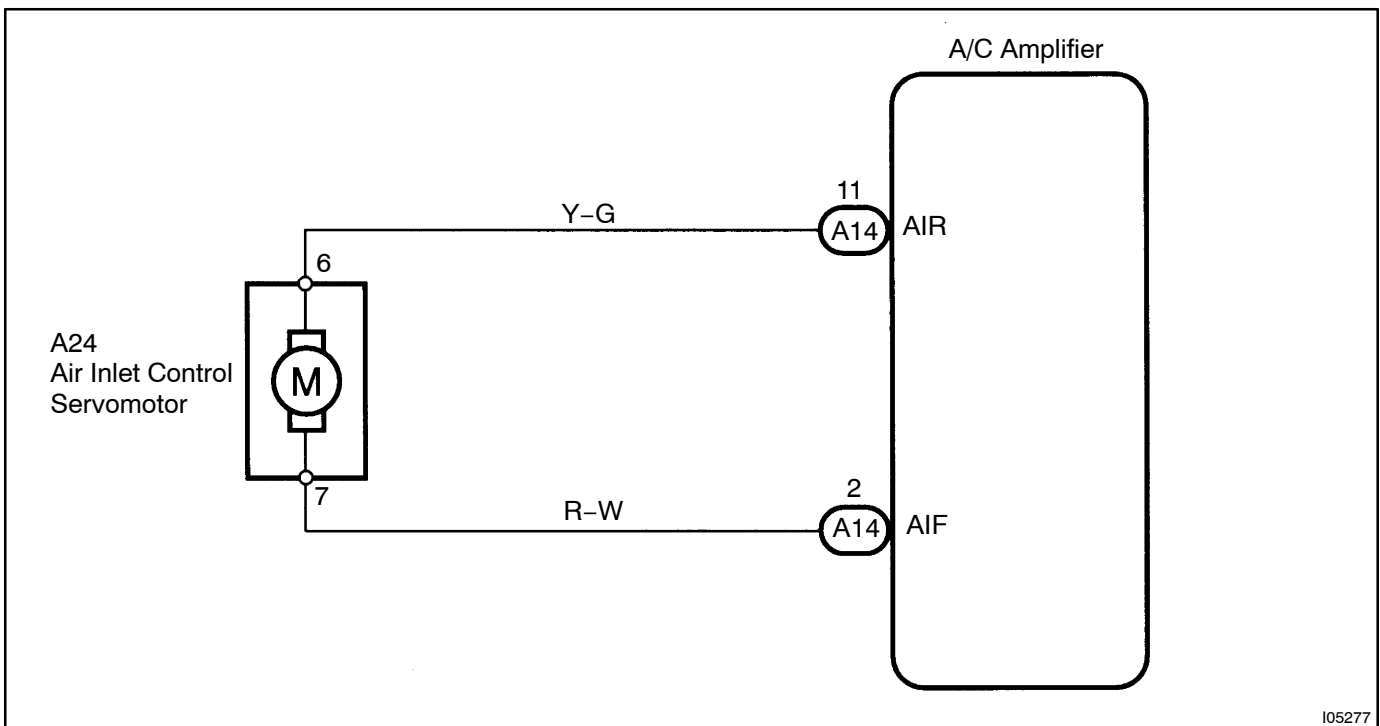
DTC	B1442	Air Inlet Damper Control Servomotor Circuit
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CIRCUIT DESCRIPTION

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

DTC No.	Detection item	Trouble Area
B1442	Air inlet damper position sensor value does not change even if A/C amplifier 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 amplifier. • A/C amplifier.

WIRING DIAGRAM



I05277

INSPECTION PROCEDURE**1 Actuator check.****PREPARATION:**

Set to the actuator check mode (See page DI-606).

CHECK:

Check the operation of air inlet damper.

OK:

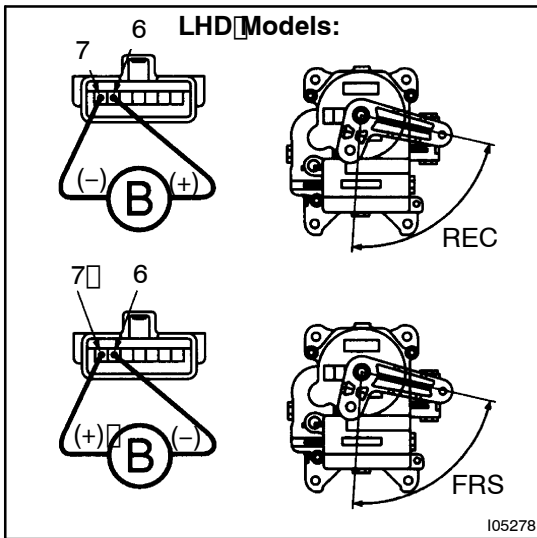
Display Code	Air Inlet Damper
0 - 1	FRESH
2 - 9	RECIRC

OK

Proceed to next circuit inspection shown on problem symptoms table (See page DI-612).

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2 Check air inlet damper control servomotor.



PREPARATION:

Remove air inlet damper control servomotor.

CHECK:

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

OK:

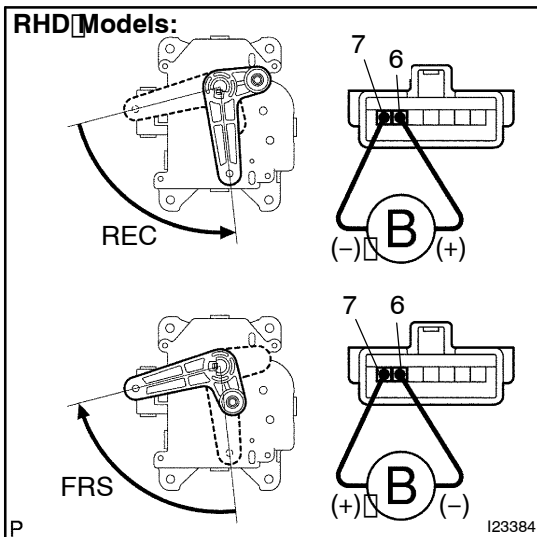
The lever moves smoothly to REC position.

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 amplifier and air inlet damper control servomotor (See page IN-34).

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Repair or replace harness or connector.

OK

Check and replace A/C amplifier.