

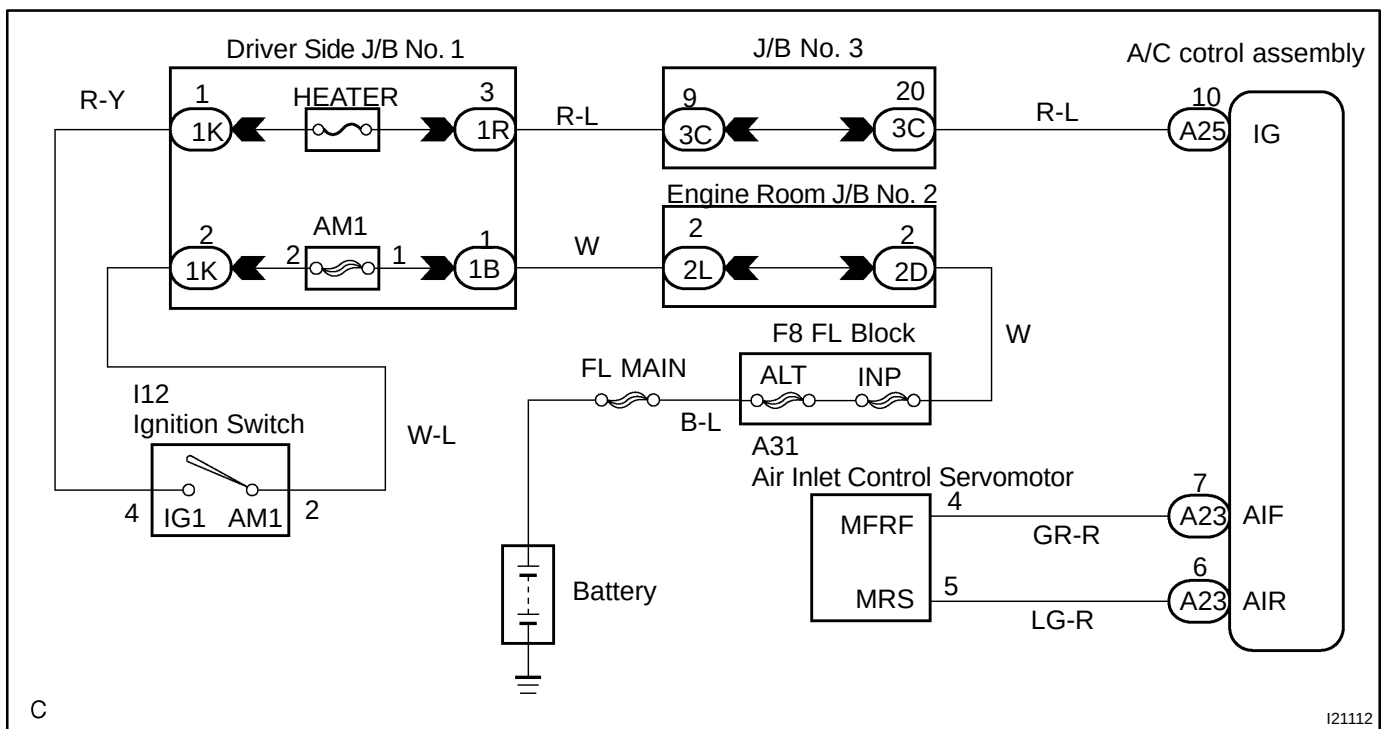
DTC	42	Air Inlet Damper Control Servomotor Circuit
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CIRCUIT DESCRIPTION

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
42	Air inlet damper position sensor value does not change even if A/C control assembly operated air inlet damper control servomotor.	- 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



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I21112

INSPECTION PROCEDURE

1	Actuator check.
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PREPARATION:

- (a) Remove glove compartment to see and check the air inlet damper operation.
- (b) Set to the actuator check mode (See page [DI-689](#)).
- (c) Press the DEF switch and change it to step operation.

CHECK:

Press the DEF switch and check the operation air inlet damper.

OK:

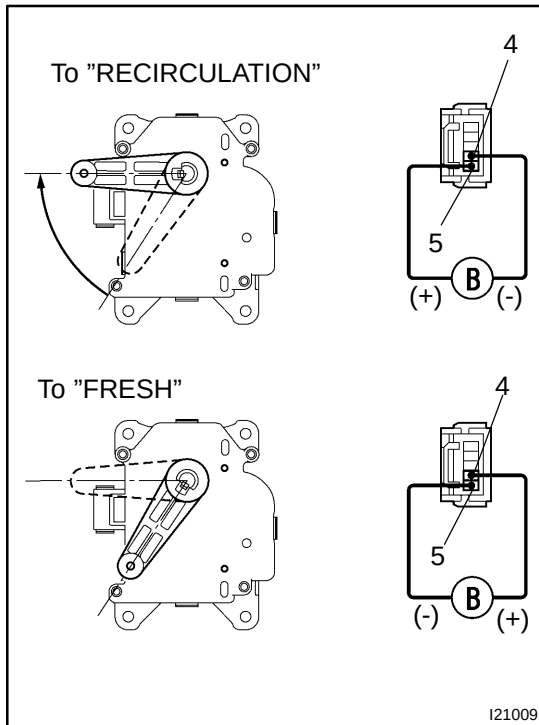
Display Code	Air Inlet Damper
0 - 3	"FRESH"
4 - 9	"RECIRCULATION"

OK

Proceed to next circuit inspection shown on problem symptoms table (See page [DI-697](#)).

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2 Check air inlet damper control servomotor.



PREPARATION:

Remove the air inlet damper control servomotor (See page [AC-56](#)).

CHECK:

Connect positive (+) lead to terminal 5 and negative (-) lead to terminal 4.

OK:

The lever moves smoothly to "RECIRCULATION" position.

CHECK:

Connect positive (+) lead to terminal 4 and negative (-) lead to terminal 5.

OK:

The lever moves smoothly to "FRESH" 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-31](#)).

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Repair or replace harness or connector.

OK

Check and replace A/C control assembly.