

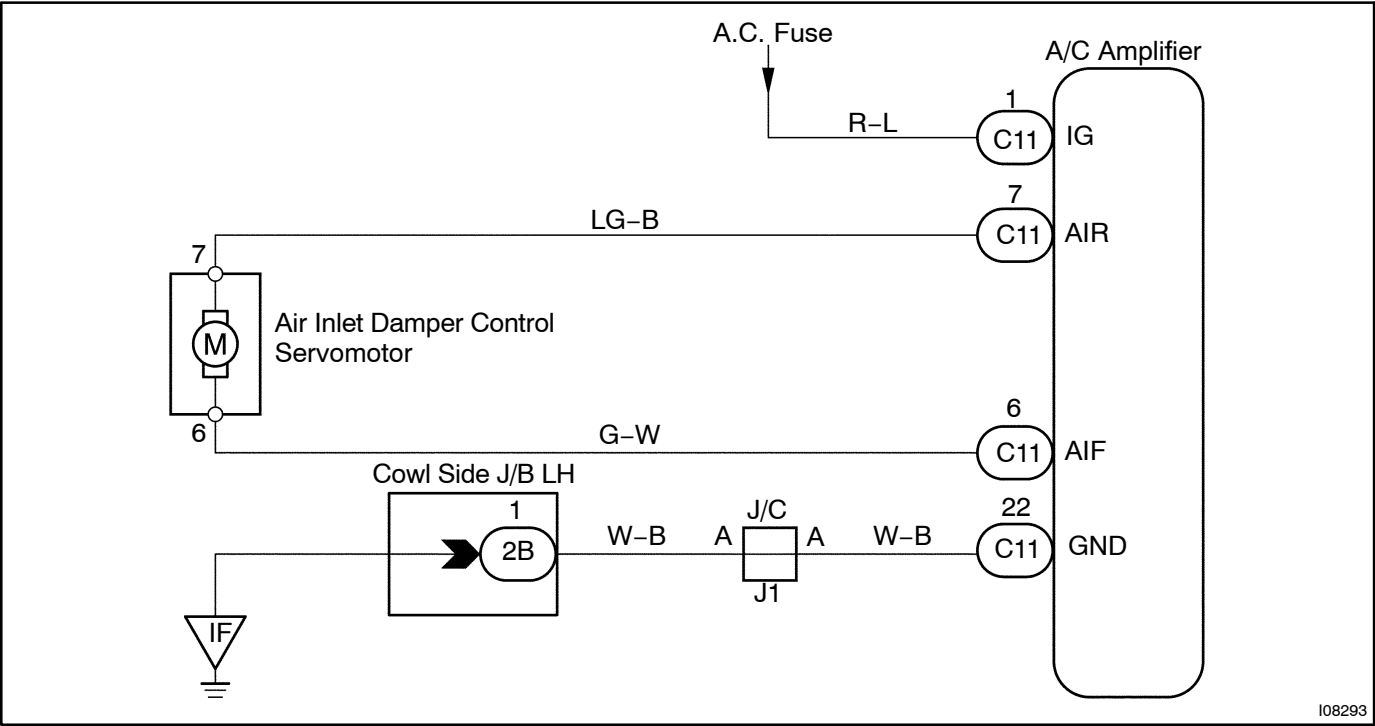
DTC	42	Air Inlet Damper Control Servomotor Circuit
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CIRCUIT DESCRIPTION

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

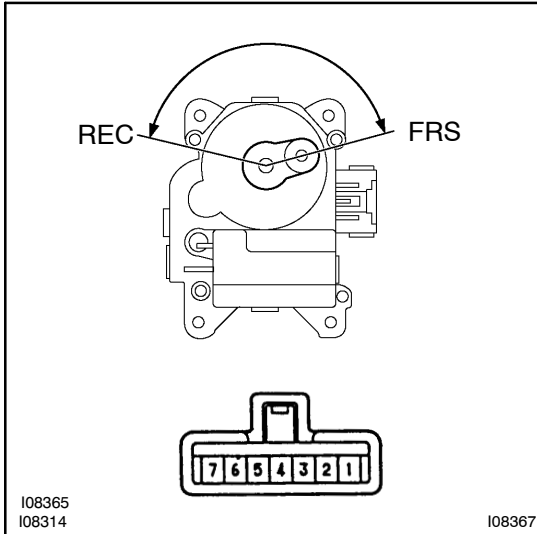
DTC No.	Detection item	Trouble Area
42	Air inlet damper position sensor value does not change even if A/C amplifier operated air inlet damper control servomotor.	• Air inlet damper position sensor • Harness or connector between air inlet damper control servomotor assembly and A/C amplifier • A/C amplifier

WIRING DIAGRAM



INSPECTION PROCEDURE

1 Check air inlet damper control servomotor.

**PREPARATION:**

Remove the air inlet damper control servomotor
(See page [AC-55](#)).

CHECK:

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

OK:

The lever moves smoothly to REC position.

CHECK:

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

OK:

The lever moves smoothly to FRS position.

NG

Replace air inlet damper control servomotor assembly.

OK

2 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.