

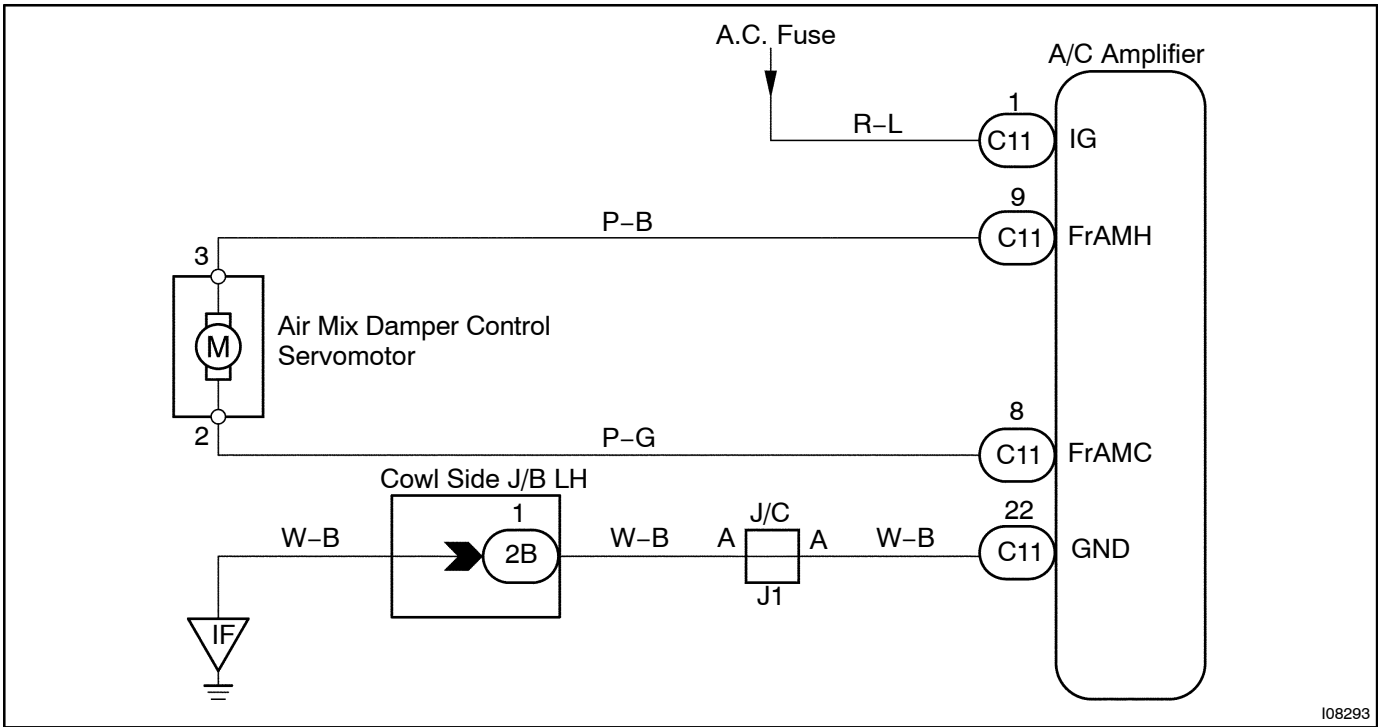
DTC	41	Front Air Mix Damper Control Servomotor Circuit
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CIRCUIT DESCRIPTION

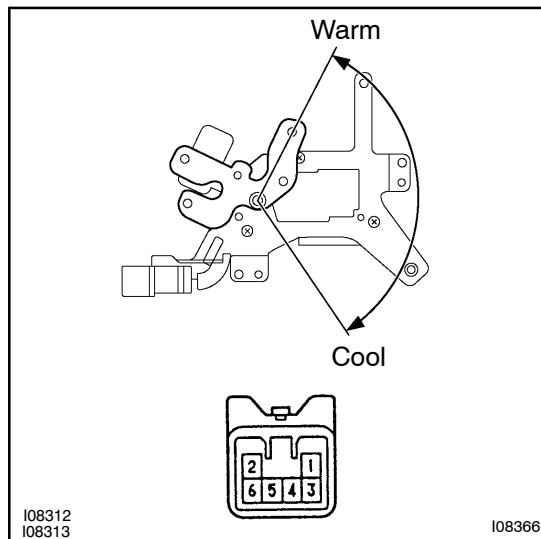
The front air mix damper control servomotor is controlled by the A/C control assembly and moves the air mix damper to the desired position.

DTC No.	Detection Item	Trouble Area
41	Air mix damper position sensor value does not change even if A/C control assembly operates air mix damper control servomotor.	• Front air mix damper control servomotor. • Front air mix damper position sensor. • Harness or connector between front air mix control servomotor and A/C amplifier • A/C amplifier

WIRING DIAGRAM



I08293

INSPECTION PROCEDURE**1 Check front air mix damper control servomotor.****PREPARATION:**

Remove front air mix damper control servomotor
(See page [AC-84](#)).

CHECK:

Connect positive (+) lead to terminal 3 and negative (-) lead to terminal 2.

OK:

The lever turns smoothly to Warm side.

CHECK:

Connect positive (+) lead to terminal 2 and negative (-) lead to terminal 3.

OK:

The lever turns smoothly to Cool side.

NG

Replace front air mix damper control servomotor assembly.

OK**2 Check harness and connector between A/C amplifier and front air mix damper control servomotor assembly (See page [IN-33](#)).****NG**

Repair or replace harness or connector.

OK

Check and replace A/C amplifier.