

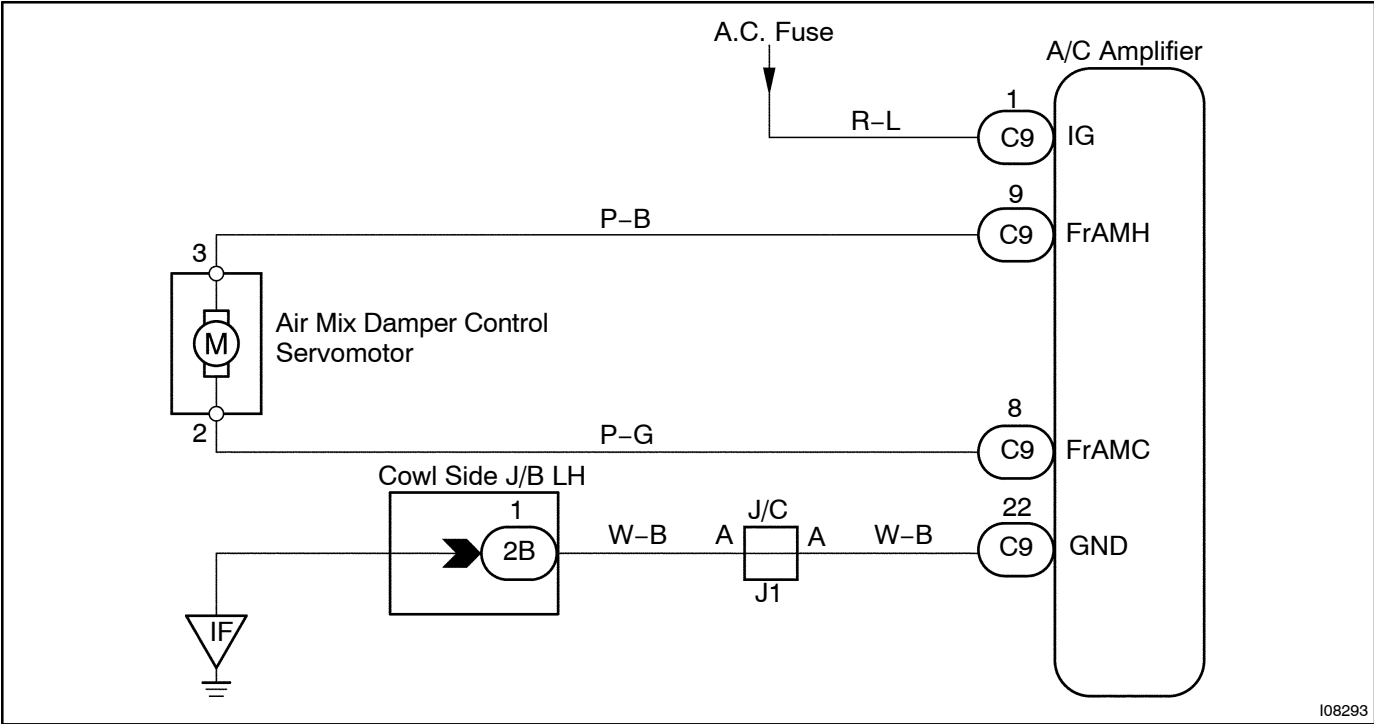
DTC	RrDEF, M1	Air Mix Damper Control Servomotor Circuit
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CIRCUIT DESCRIPTION

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

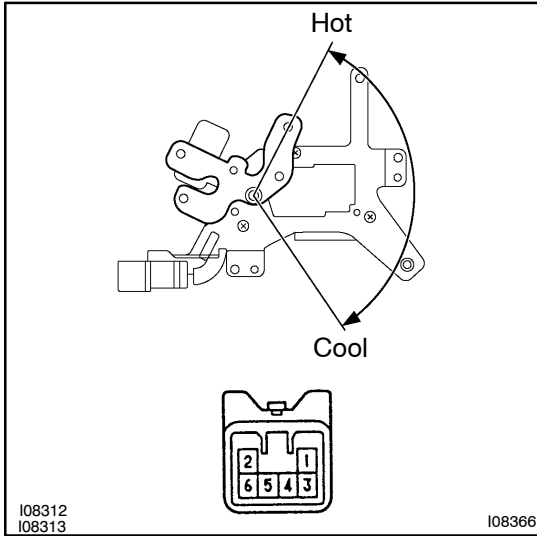
Blinking light	Detection Item	Trouble Area
RrDEF M1	Air mix damper position sensor value does not change even if A/C control assembly operates air mix damper control servomotor.	• Air mix damper control servomotor • Air mix damper position sensor • Harness or connector between air mix control servomotor and A/C amplifier • A/C amplifier

WIRING DIAGRAM



INSPECTION PROCEDURE

1 Check air mix damper control servomotor.

**PREPARATION:**

Remove air mix servomotor (See page [AC-73](#)).

CHECK:

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

OK:

The lever turns smoothly to Hot side.

CHECK:

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

OK:

The lever turns smoothly to Cool side.

NG

Replace air mix damper control servomotor assembly.

OK

2 Check harness and connector between A/C amplifier and air mix damper control servomotor assembly (See page [IN-34](#)).

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Repair or replace harness or connector.

OK

Check and replace A/C amplifier.