

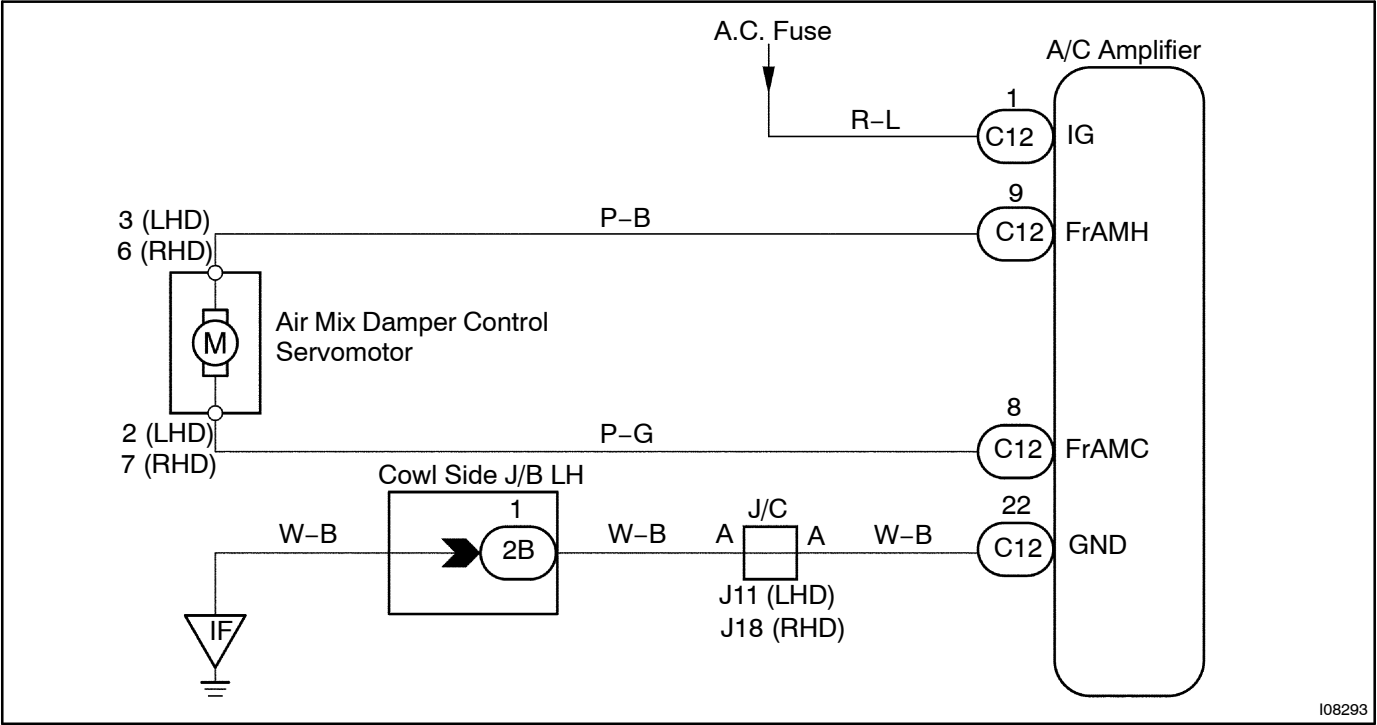
DTC	RrDEF, M 1	Front Air Mix Damper Control Servomotor Circuit
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CIRCUIT DESCRIPTION

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.

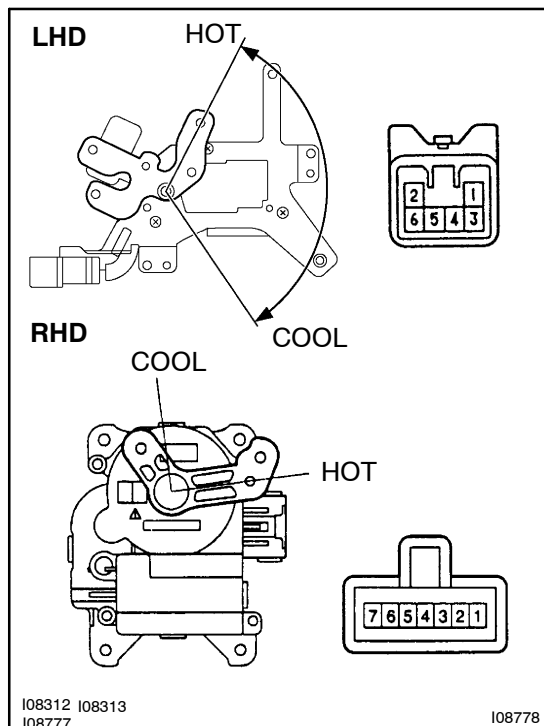
Blinking light	Detection Item	Trouble Area
RrDEF M1	Air mix damper position sensor value does not change even if A/C control assembly operates air mix damper control servomotor.	<ul style="list-style-type: none">• Front air mix damper control servomotor.• Front air mix damper position sensor.• Harness or connector between front air mix control servomotor and A/C amplifier• A/C amplifier

WIRING DIAGRAM



INSPECTION PROCEDURE

1 Check front air mix damper control servomotor.

**PREPARATION:**

Remove front air mix damper control servomotor.

CHECK:

Connect positive (+) lead to terminal 3(6) and negative (-) lead to terminal 2(7).

(): RHD

OK:

The lever turns smoothly to Hot side.

CHECK:

Connect positive (+) lead to terminal 2(7) and negative (-) lead to terminal 3(6).

(): RHD

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-35).

NG

Repair or replace harness or connector.

OK

Check and replace A/C amplifier.