

CIRCUIT DESCRIPTION

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"> • Rear air mix damper control servomotor. • Rear air mix damper position sensor. • Harness or connector between rear air mix control servomotor and A/C amplifier • A/C amplifier

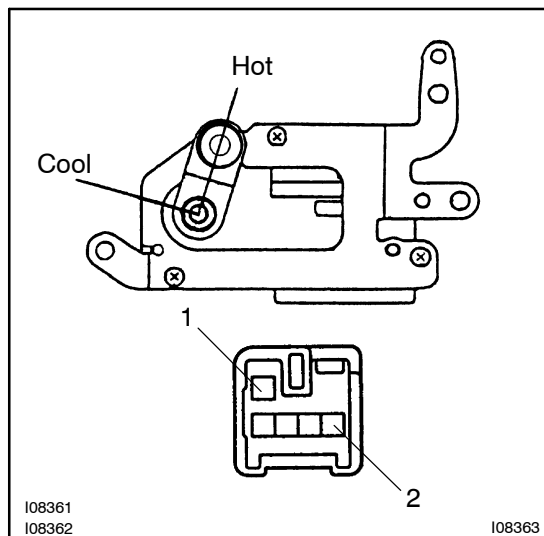
The diagram illustrates the electrical connections for the Rear A/C Amplifier. The amplifier has four main terminals: IG (Ignition), AIR (Air), AIF (Air Inlet), and GND (Ground). The connections are as follows:

- IG Terminal (A43 2):** Connected to the A.C. Fuse via the R-L line.
- AIR Terminal (A43 12):** Connected to the BO3 solenoid via the Y line.
- AIF Terminal (A43 11):** Connected to the BO3 solenoid via the W-L line.
- GND Terminal (A43 22):** Connected to the W-B line, which passes through a junction box (J47) and is grounded to the battery (BK).

The motor (Rear Air Mix Damper Control Servomotor) is connected to the Y and W-L lines. The solenoids (BF2 and BO3) are connected to the Y and W-L lines. The junction box (J47) is connected to the W-B line and the battery (BK).

INSPECTION PROCEDURE

1 Check rear air mix damper control servomotor.

**PREPARATION:**

Remove heater unit (See page AC-64).

CHECK:

Connect positive (+) lead to terminal 1 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 1.

OK:

The lever turns smoothly to Cool side.

NG

Replace rear air mix damper control servomotor assembly.

OK

2 Check harness and connector between A/C amplifier and rear air mix damper control servomotor assembly (See page IN-35).

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Repair or replace harness or connector.

OK

Check and replace A/C amplifier.