

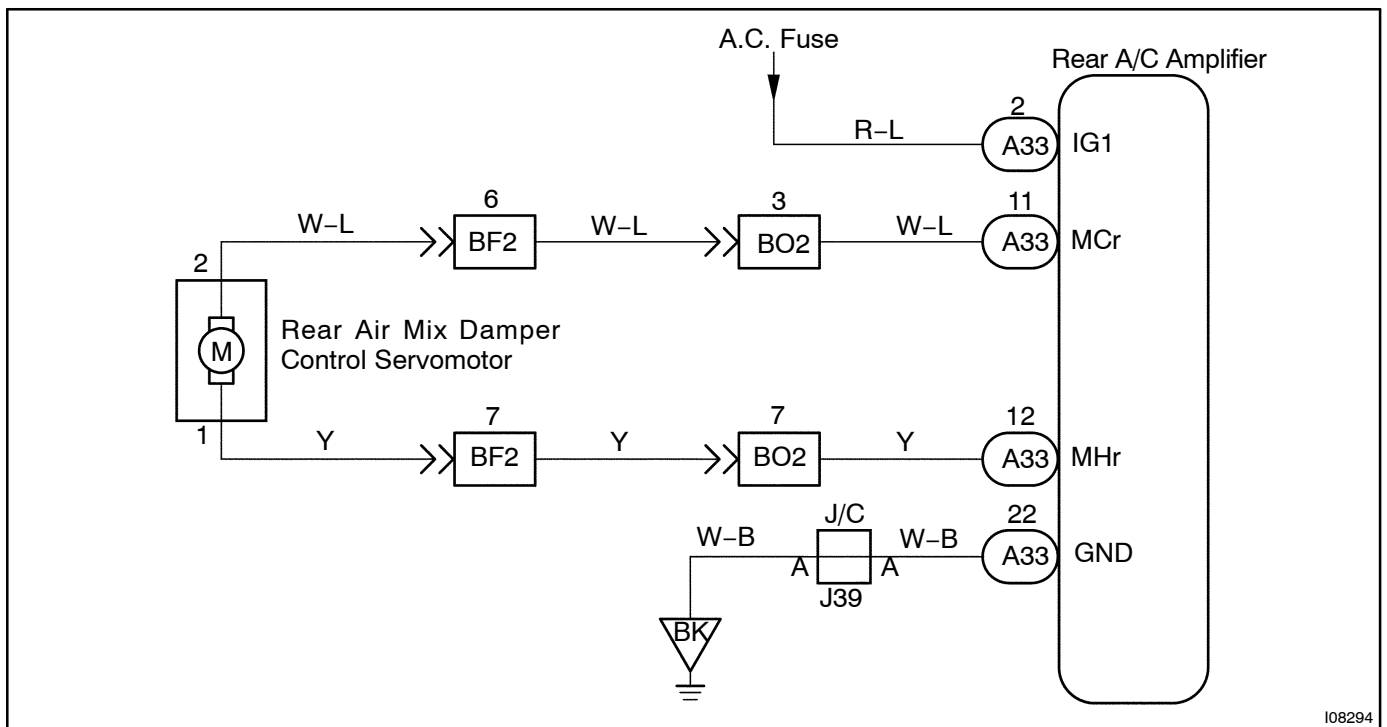
DTC	47	Rear Air Mix Damper Control Servomotor Circuit
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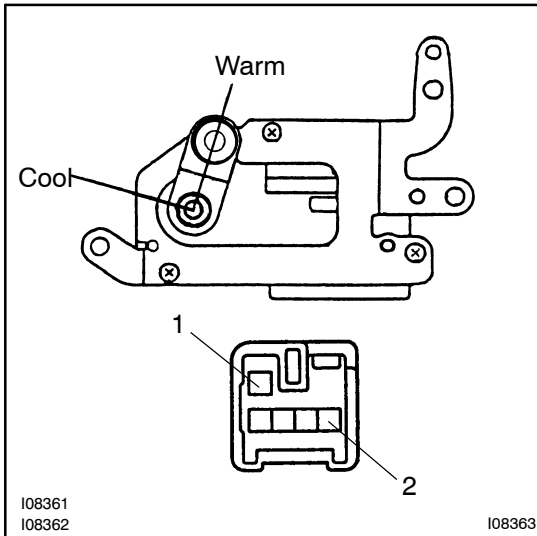
CIRCUIT DESCRIPTION

The rear 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
47	Air mix damper position sensor value does not change even if A/C control assembly operates air mix damper control servomotor.	• Rear air mix damper control servomotor • Rear air mix damper position sensor • Harness or connector between rear air mix control servomotor and rear A/C amplifier • Rear A/C amplifier

WIRING DIAGRAM



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

Remove the rear air mix damper control servomotor
(See page [AC-49](#)).

CHECK:

Connect positive (+) lead to terminal 1 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 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 rear A/C amplifier and rear air mix damper control servomotor assembly (See page [IN-33](#)).****NG**

Repair or replace harness or connector.

OK

Check and replace rear A/C amplifier.