

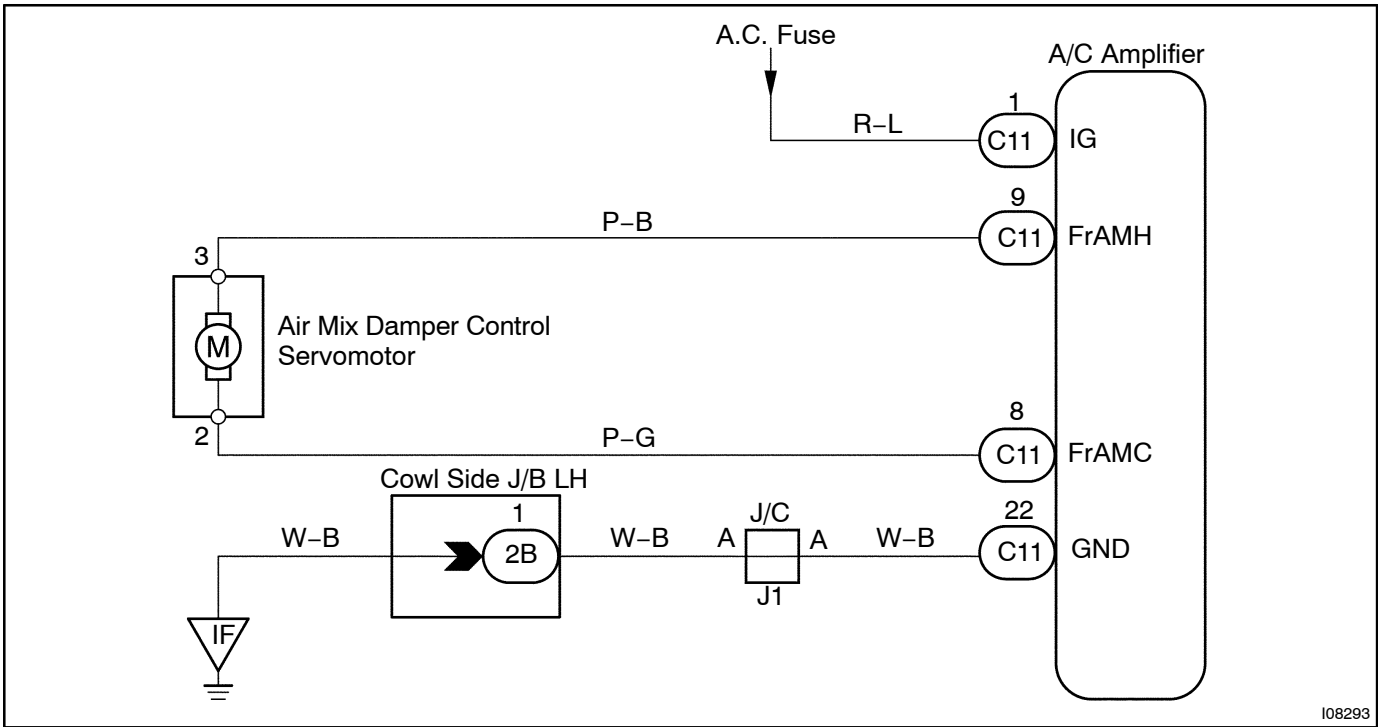
<b>DTC</b>	<b>41</b>	<b>Front Air Mix Damper Control Servomotor Circuit</b>
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## CIRCUIT DESCRIPTION

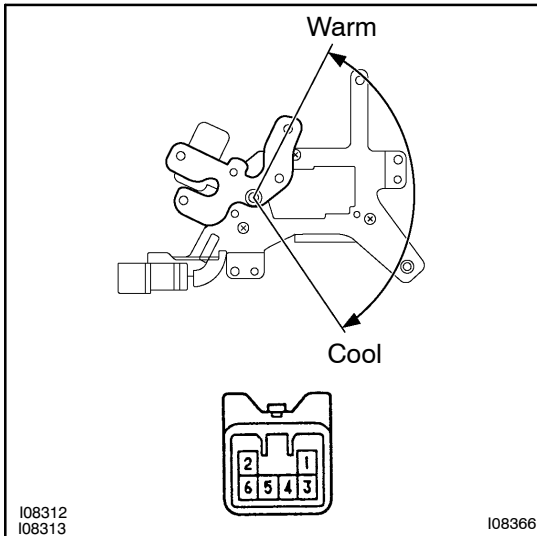
The front air mix damper control servomotor is controlled by the A/C control assembly and moves the air mix damper to the desired position.

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.	<ul style="list-style-type: none"> <li>Front air mix damper control servomotor.</li> <li>Front air mix damper position sensor.</li> <li>Harness or connector between front air mix control servomotor and A/C amplifier</li> <li>A/C amplifier</li> </ul>

## WIRING DIAGRAM



108293

**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.**