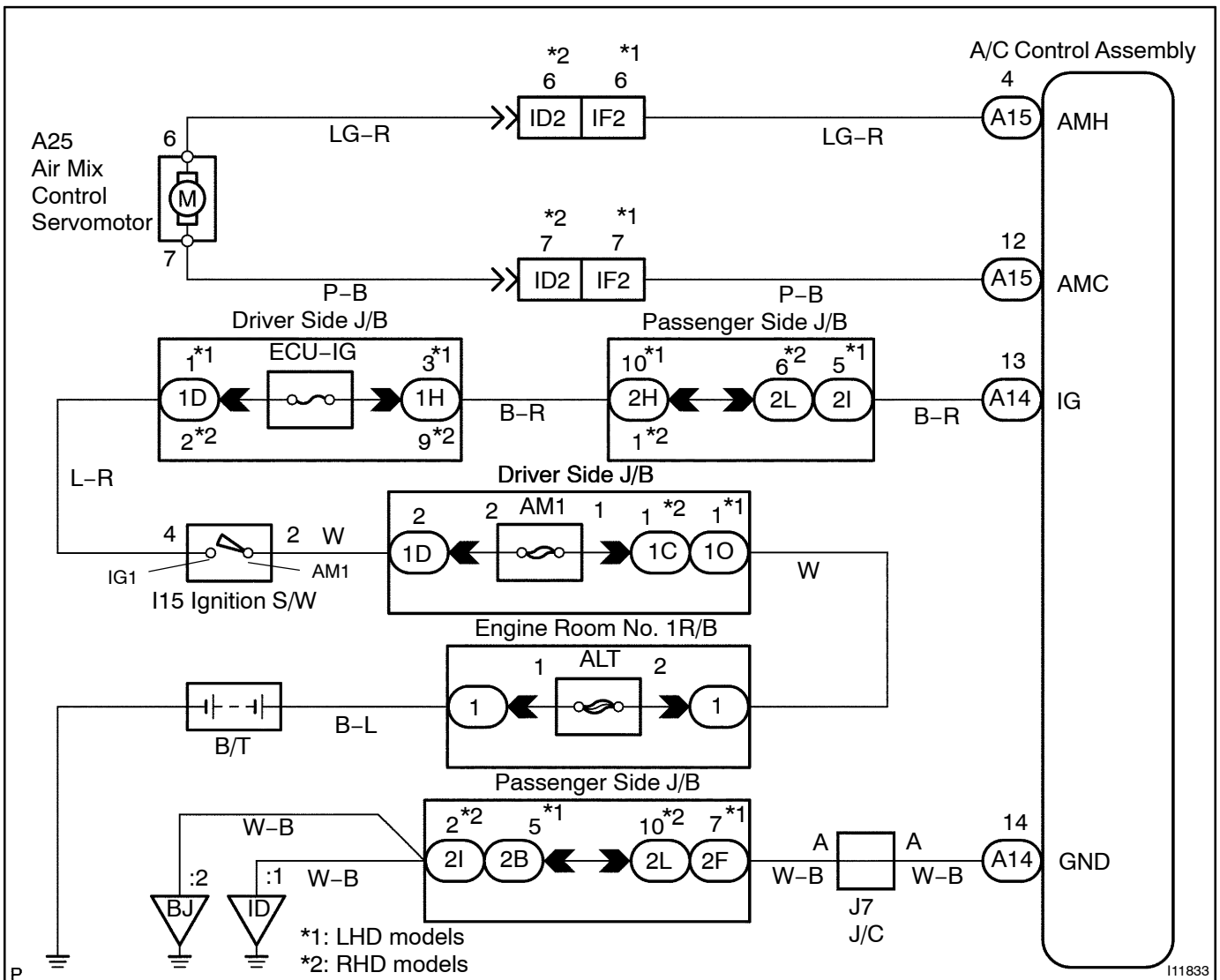


# Air Mix Damper Control Servomotor Circuit

## 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.

## WIRING DIAGRAM



## INSPECTION PROCEDURE

## 1 Actuator check.

**PREPARATION:**

Connect the hand-held tester to the DLC3.

**CHECK:**

- (a) Enter into ACTIVE TEST function of hand-held tester.
- (b) Check air mix damper operates as hand-held tester directs.

**OK:**

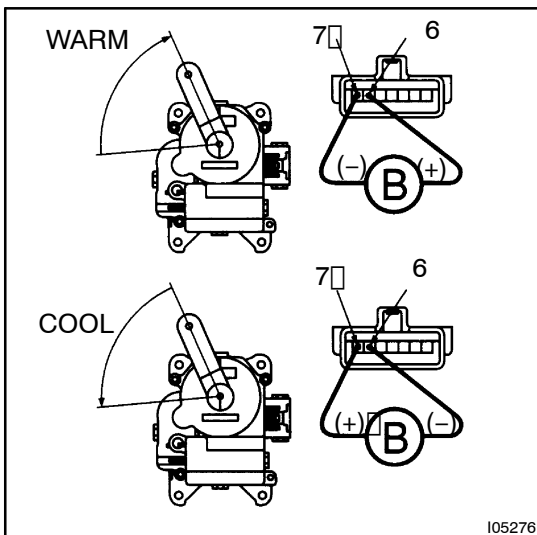
Pattern No.	Air Mix Damper	Condition
0 - 3	0% (Fully closed)	Cool air comes out
4 - 5	50%	
6 - 9	100% (Fully opened)	Warm air comes out

OK

Proceed to next circuit inspection shown on problem symptoms table (See page DI-674).

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## 2 Check air mix damper control servomotor.

**PREPARATION:**

Remove air mix damper control servomotor.

**CHECK:**

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

**OK:**

The lever turns smoothly to Hot side.

**CHECK:**

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

**OK:**

The lever turns smoothly to Cool side.

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Replace air mix damper control servomotor assembly.

OK

3 Check harness and connector between A/C control assembly and air mix damper control servomotor assembly (See page IN-32).

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Repair or replace harness or connector.

OK

Check and replace A/C control assembly.