

This circuit turns the servomotor and changes each mode damper position by the signals from the A/C control assembly. When the AUTO switch is on, the A/C control assembly changes the mode automatically between (FACE), (BI-LEVEL) and (FOOT) according to the temperature setting.

AC2998

INSPECTION PROCEDURE

1 Actuator check.

Display Code	Air Flow
0 – 2	FACE
3	BI-LEVEL
4 – 5	FOOT
6	FOOT DEF
7	DEF

PREPARATION:

- (a) Set to the actuator check mode (See page DI-813).
 (b) Press the FRS switch and change to step operation.

CHECK:

Press the FRS switch and check the condition of air flow.

OK:

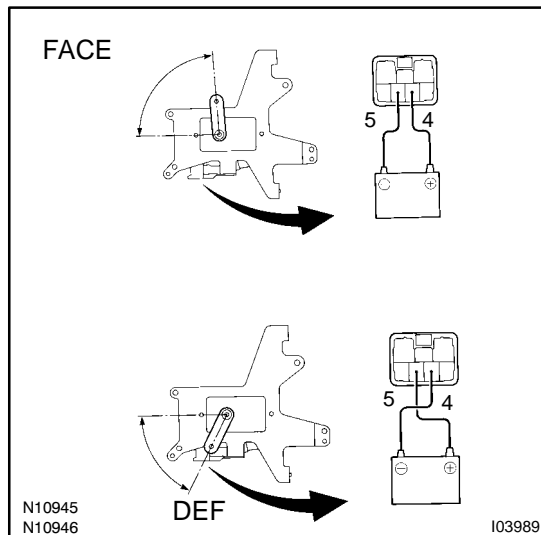
The mode changes with the change in the temperature display, as shown in the table.

OK

Proceed to next circuit inspection shown on matrix chart (See page DI-821).

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2 Check air outlet servomotor.

**PREPARATION:**

Remove air outlet servomotor.

CHECK:

Connect positive \oplus lead to terminal 4 and negative \ominus lead to terminal 5.

OK:

The lever moves smoothly to FACE position.

CHECK:

Connect negative \ominus lead to terminal 4 and positive \oplus lead to terminal 5.

OK:

The lever moves smoothly to DEF position.

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Replace air outlet servomotor.

OK

3	Check for open and short in harness and connector between air conditioning control assembly and outlet servomotor, outlet servomotor and battery, outlet servomotor and body ground (See page IN-29).
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Repair or replace harness or connector.

OK

Repair or replace air conditioning control assembly.