


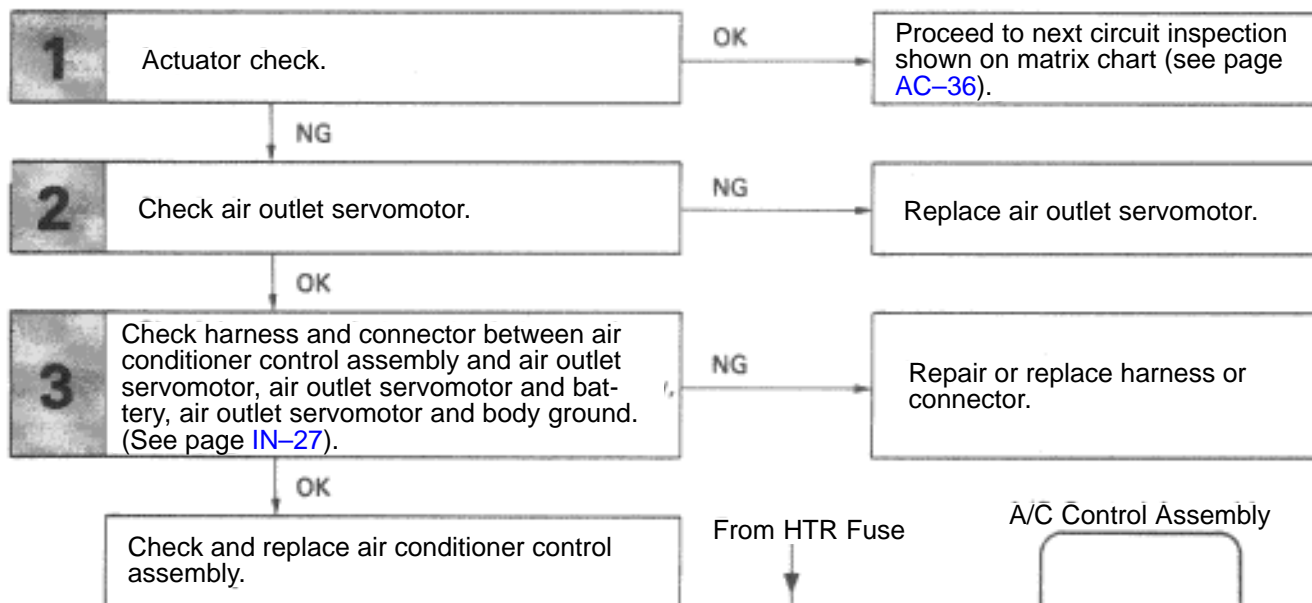
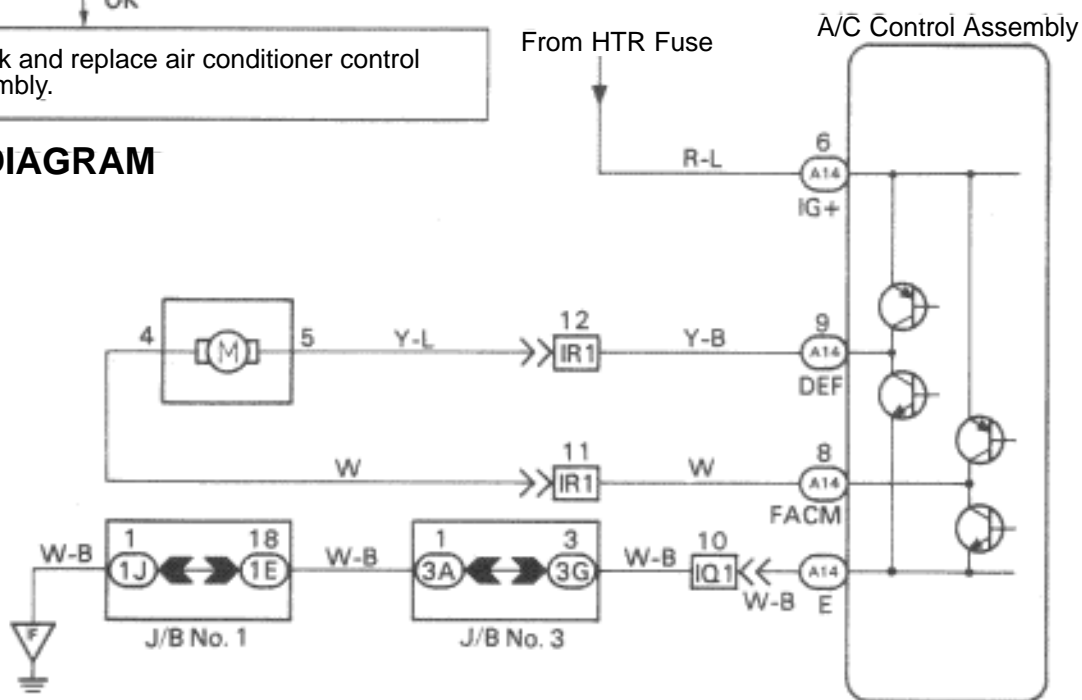


Diag. Code 43**Air Outlet Servomotor Circuit****— CIRCUIT DESCRIPTION —**

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.






Code No.	Diag. Code Detecting Condition	Trouble area
43	<ul style="list-style-type: none"> Air outlet damper position sensor value does not change even if A/C control assembly operated air outlet servomotor. 	<ul style="list-style-type: none"> Air outlet servomotor. Air outlet damper position sensor. Harness or connector between A/C control assembly air outlet servomotor, air outlet damper position sensor. A/C control assembly.

— DIAGNOSTIC CHART —**WIRING DIAGRAM**

INSPECTION PROCEDURE


1

Actuator Check.

Display Code	Air Flow
20 ~ 22	 FACE
23	 BI-LEVEL
24 ~ 25	 FOOT
26	 FOOT DEF
27	 DEF

P 10. 1. Set to the actuator check mode (see page AC-30).

11. 2. Press the  S switch and change it to step operation.

C Press the FRS  switch and check the operation of the air flow.

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

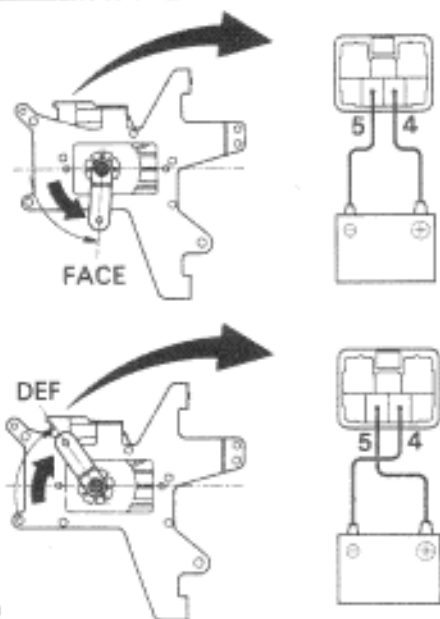
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OK

Proceed to next circuit inspection shown on matrix chart (See page AC-36)>

2

Check air outlet servomotor.



P Remove heater unit (see page AC-127)

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

OK The lever moves smoothly to FACE position.

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

OK The lever moves smoothly to DEF position.

OK

NG

Replace air outlet servomotor.

3

Check for open and short in harness and connector between air conditioner control assembly and outlet servomotor, outlet servomotor and battery, outlet servomotor and body ground (see page IN-27).

OK

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Repair or replace harness or connector.

Repair or replace air conditioner control assembly.