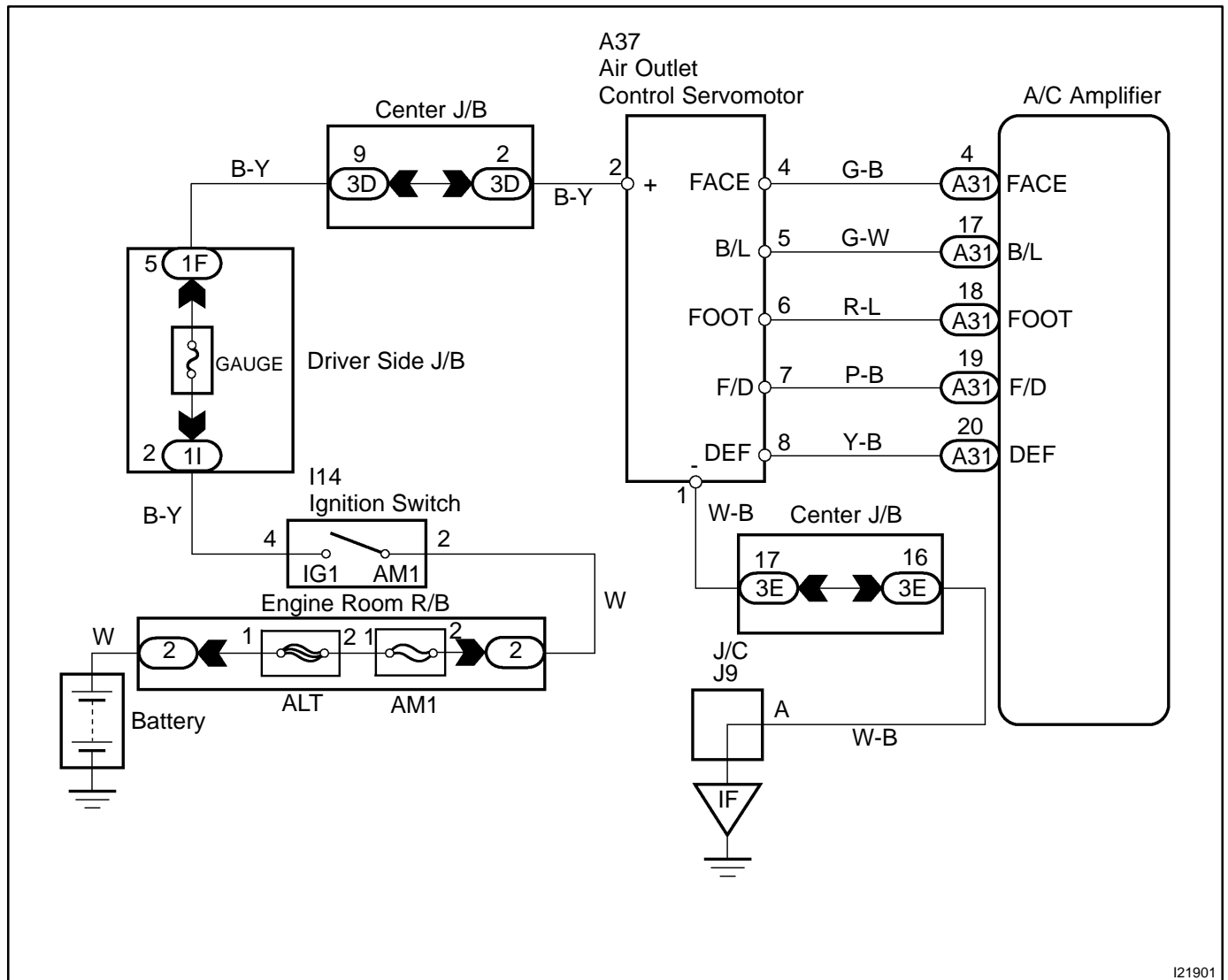


Air Outlet Control Servomotor Circuit

CIRCUIT DESCRIPTION

This circuit turns the servomotor and changes each mode damper position by 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.

WIRING DIAGRAM



I21901

INSPECTION PROCEDURE

1 Actuator check.

Display Code	Air Flow Mode
0 - 4	FACE
5	BI-LEVEL
6 - 7	FOOT
8	FOOT/DEF
9	DEF

PREPARATION:

- (a) Set to the actuator check mode (See page [DI-578](#)).
 (b) Press the DEF switch and change to step operation.

CHECK:

Press the DEF switch in order and check the condition of air flow mode by hand.

OK:

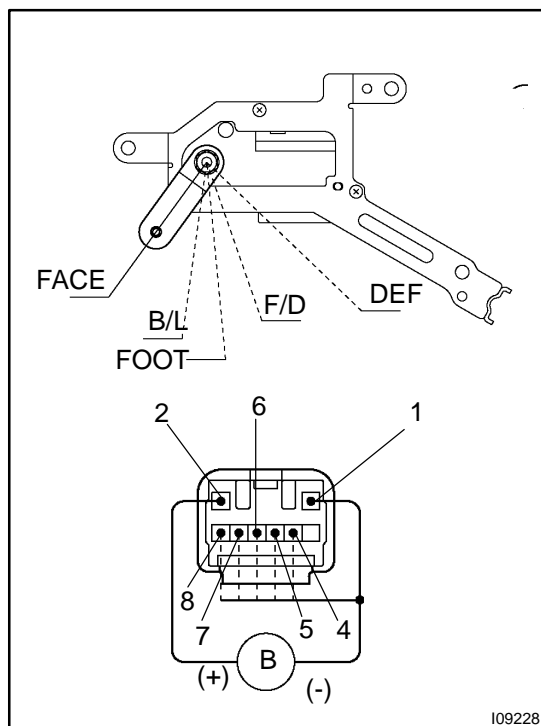
The mode changes with the change in the temperature display as shown in the table.

OK

Proceed to next circuit inspection shown on problem symptoms table (See page [DI-586](#)).

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2 Check air outlet control servomotor.

**PREPARATION:**

Remove air outlet control servomotor (See page [AC-72](#)).

CHECK:

- (a) Connect positive (+) lead to terminal 2 and negative (-) lead to terminal 1.
 (b) Check the lever operation when the negative (-) lead is connected to the terminals shown below.

OK:

The lever moves smoothly to the position for each mode.

Ground Terminals	Mode
8	DEF.
7	FOOT/DEF
6	FOOT
5	B/L
4	FACE

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Replace air outlet control servomotor.

OK

3	Check harness and connector between A/C control assembly and air outlet control servomotor, air outlet control servomotor and battery, air outlet control servomotor and body ground (See page IN-28).
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Repair or replace harness or connector.

OK

Repair or replace A/C control assembly.