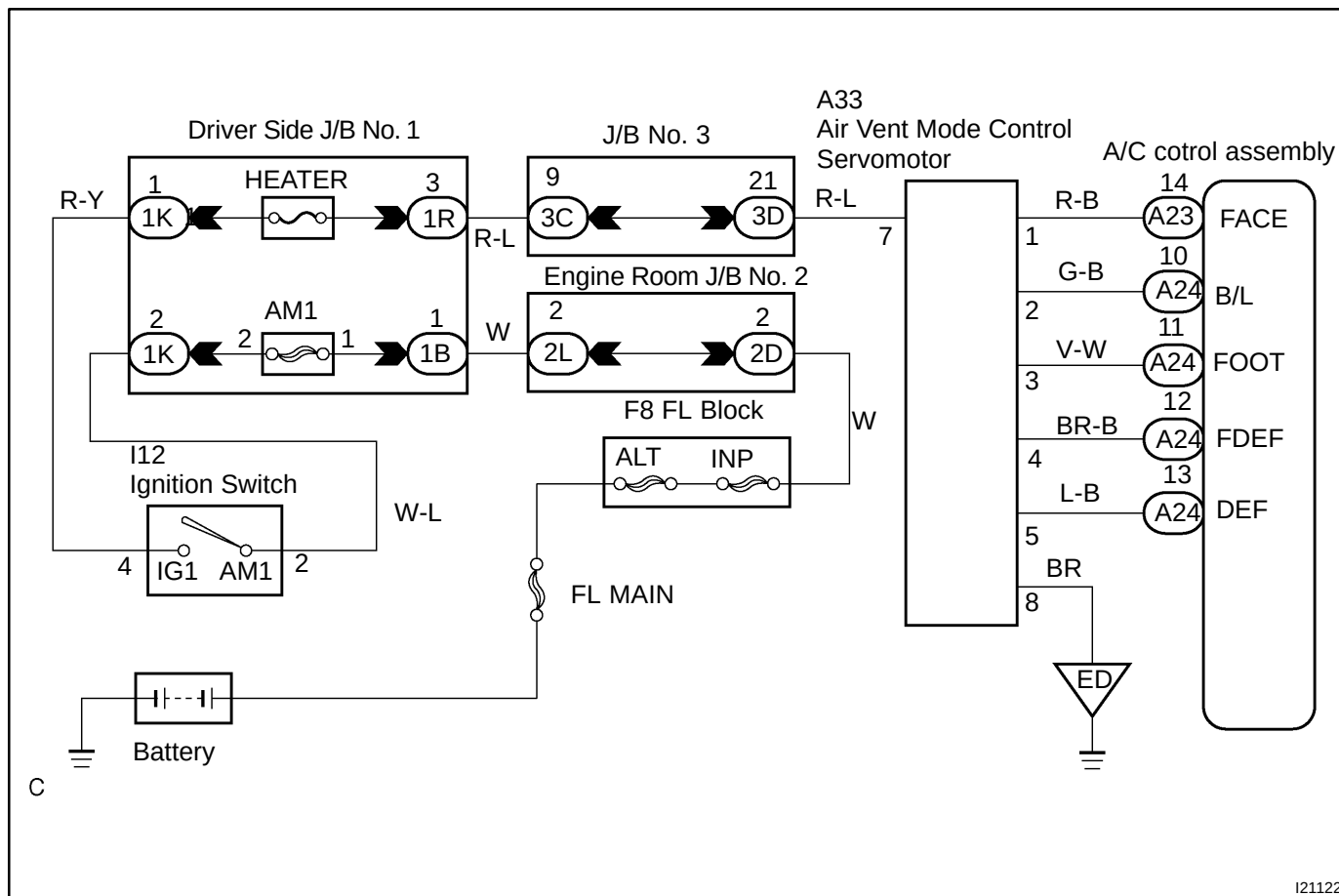


Air Outlet Control Servomotor Circuit

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



I21122

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-689](#)).
 (b) Press the DEF switch and change to step operation.

CHECK:

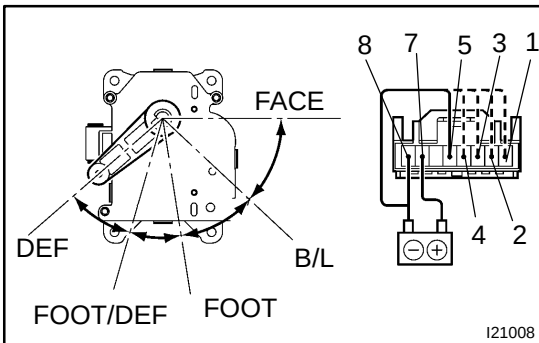
Press the DEF switch in order and check the condition of air flow mode.

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-697](#)).

NG**2 Check air outlet control servomotor.****PREPARATION:**

Remove air outlet control servomotor (See page [AC-93](#)).

CHECK:

- (a) Connect positive (+) lead to terminal 7 and negative (-) lead to terminal 8.
 (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
5	DEF.
4	FOOT/DEF
3	FOOT
2	B/L
1	FACE

NG

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-31).
---	---

NG

Repair or replace harness or connector.

OK

Repair or replace A/C control assembly.