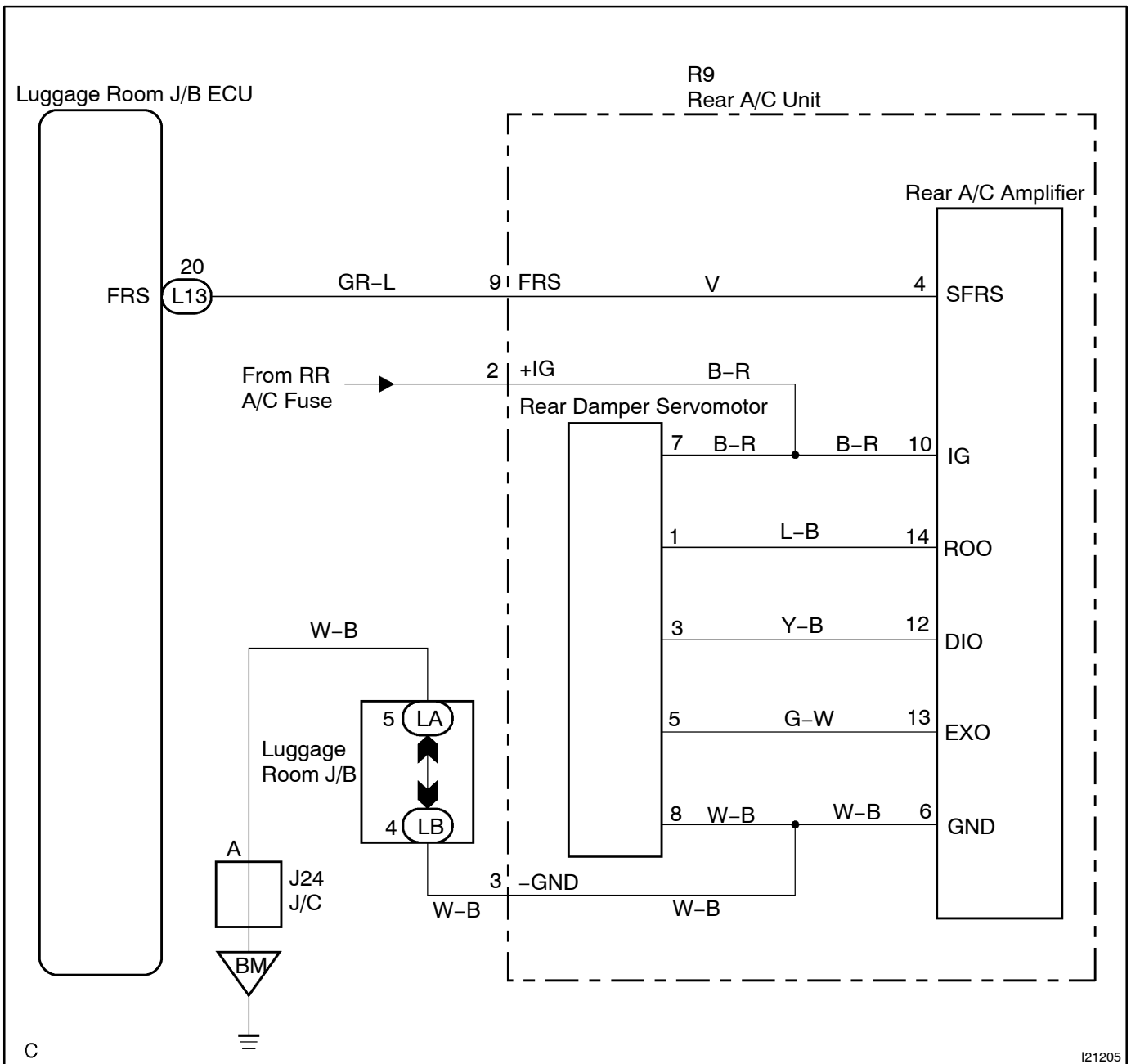


Exhaust Damper Control Servomotor Circuit

CIRCUIT DESCRIPTION

The exhaust damper control servomotor is controlled by luggage room J/B ECU and moves the rear exhaust damper to the desired position.

WIRING DIAGRAM



C

I21205

INSPECTION PROCEDURE

1 Actuator check.

PREPARATION:

- (a) Warm up engine.
 (b) Set to the actuator check mode (See page DI-1757).
 (c) Press the UP switch and change it to step operation.

CHECK:

Press the UP driver side temperature control switch and check the operation of rear damper and the condition of the blower.

OK:

Display Code	Rear A/C Mode	Exhaust Damper	Condition
0	OFF	Exhaust position	No air comes out
1	LO A/P	Diffusion position	No air comes out
2	HI A/P	Diffusion position	No air comes out
3 - 4	HI A/C	Cool position	Cool air comes out
5	LO A/C	Cool position	Cool air comes out
6 - 9	OFF	Cool position	No air comes out

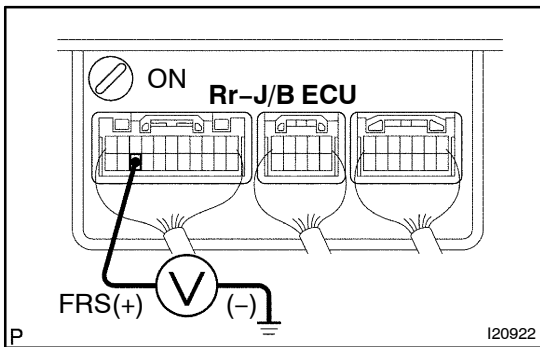
A/P: Airpurifier

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Proceed to next circuit inspection shown on problem symptoms table (See page DI-1772).

OK

2 Check voltage between terminals FRS of luggage room J/B ECU connector and body ground.

**PREPARATION:**

Remove luggage room J/B ECU with connectors still connected.

CHECK:

- Turn ignition switch to ON.
- Operate front A/C control panel FRESH mode.
- Measure voltage between terminals FRS of luggage room J/B ECU connector and body ground.

OK:

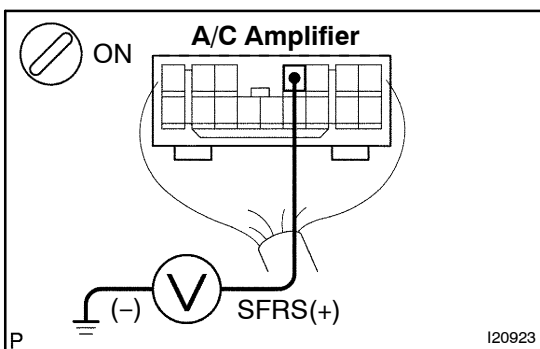
Voltage: 10 - 14 V

OK

Go to step 5.

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3 Check voltage between terminals SFRS of A/C amplifier connector and body ground.

**PREPARATION:**

Remove A/C amplifier with connectors still connected.

CHECK:

- Turn ignition switch to ON.
- Operate front A/C control panel FRESH mode.
- Measure voltage between terminals SFRS of luggage room J/B ECU connector and body ground.

OK:

Voltage: Below 1.0 V

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Go to step 5.

OK

4 Check harness and connector between A/C amplifier and luggage room J/B ECU (See page IN-35).

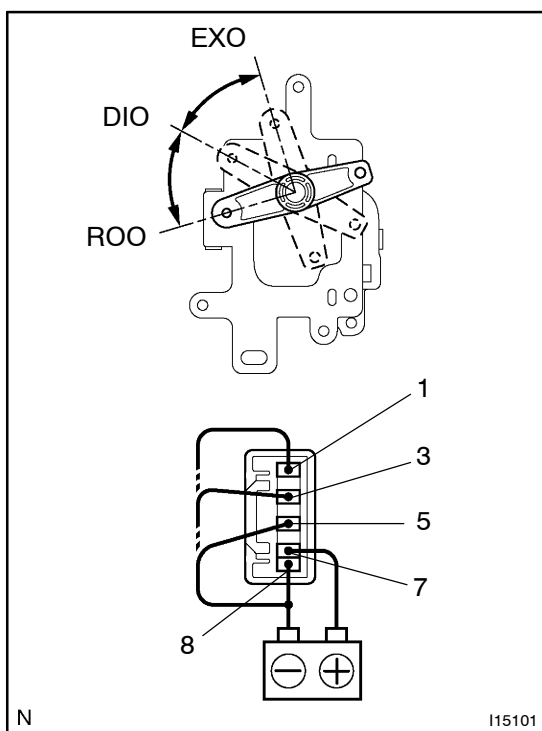
NG

Repair or replace harness or connector.

OK

Check and replace luggage room J/B ECU.

5 Check exhaust damper control servomotor.



PREPARATION:

Remove the exhaust damper control servomotor (See page AC-81).

CHECK:

- Connect positive (+) lead to terminal 7 and negative (-) lead to terminal 8.
- Check the lever operation when the negative (-) lead is connected to the terminals shown below.

Ground Terminals	Position
1	ROO
3	DIO
5	EXO

OK:

The lever moves smoothly to the position for each mode.

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Replace exhaust damper control servomotor.

OK

6 Check harness and connector between A/C amplifier and exhaust damper control servomotor, servomotor and body ground (See page IN-35).

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Repair or replace harness or connector.

OK

Repair or replace A/C amplifier.