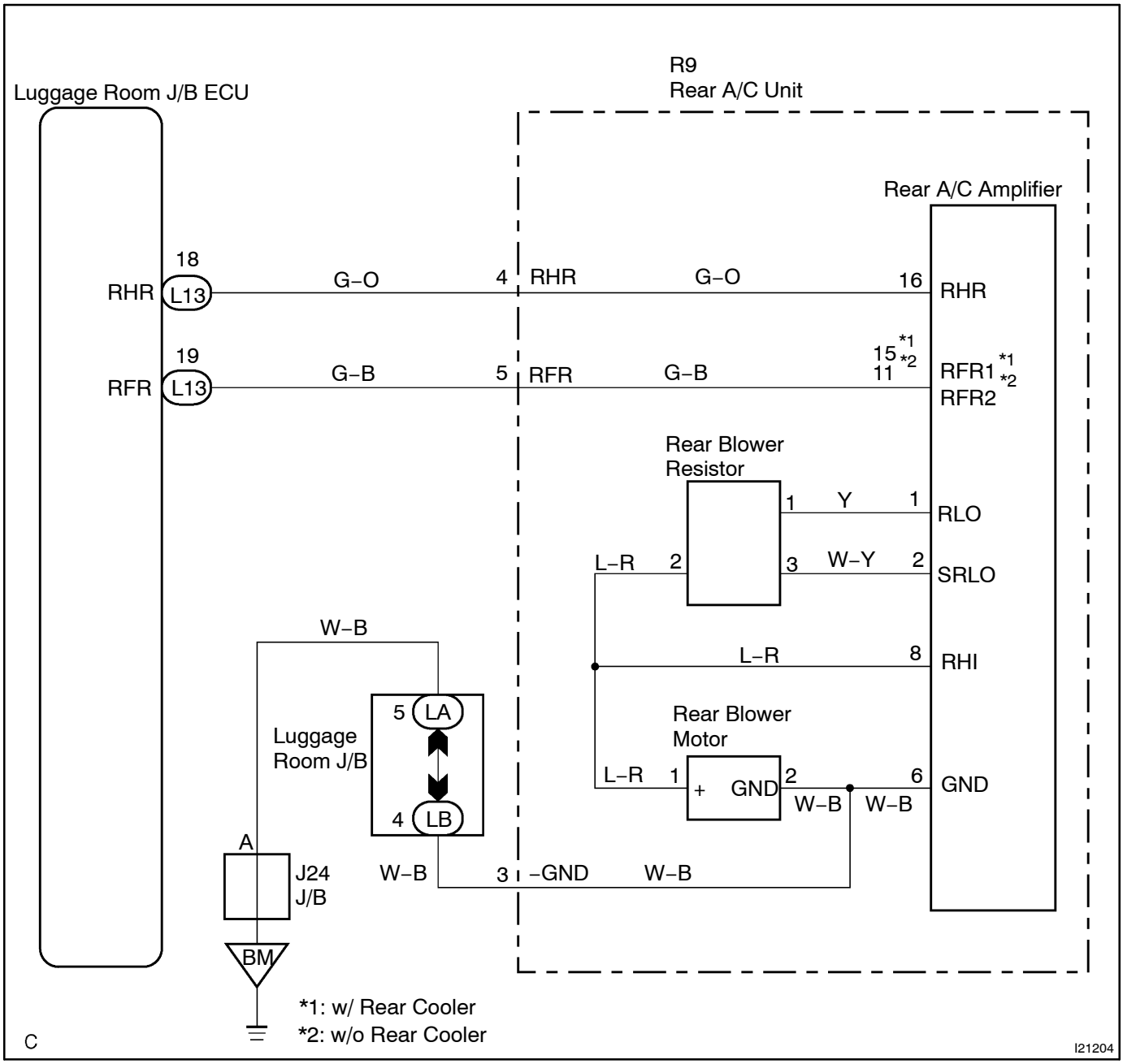
DI8CD–01

Rear Blower Motor Circuit

CIRCUIT DESCRIPTION

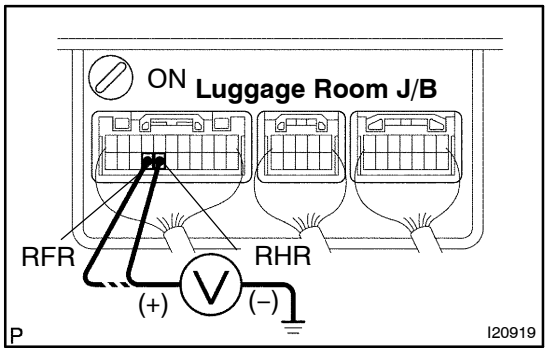
This is power source for the rear blower motor.

WIRING DIAGRAM



INSPECTION PROCEDURE

1	**Check voltage between terminals RHR and RFR of luggage room J/B ECU connector and body ground.**



PREPARATION:

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

CHECK:

(a) Turn ignition switch to ON.

(b) Measure voltage between terminals RHR and RFR of luggage room J/B ECU connector and body ground, when rear blower motor speed to following conditions.

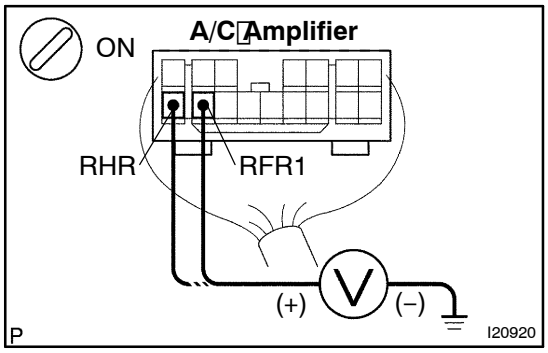
OK:

Terminal / Position	RHR – Body ground	RFR – Body ground
OFF	0 V	0 V
LO	10 – 14 V	0 V
HI	10 – 14 V	10 – 14 V

OK	**Go to step 4.**

NG

2	**Check voltage between terminals RHR and RFR1 of A/C amplifier connector and body ground.**



PREPARATION:

Remove A/C amplifier with connectors still connected.

CHECK:

(a) Turn ignition switch to ON.

(b) Operate blower motor to ON.

(c) Measure voltage between terminals RHR and RFR1 of A/C amplifier connector and body ground.

OK:

Terminal / Position	RHR – Body ground	RFR1 – Body ground
OFF	0 V	0 V
LO	10 – 14 V	0 V
HI	10 – 14 V	10 – 14 V

NG → **Go to step 4.**

OK

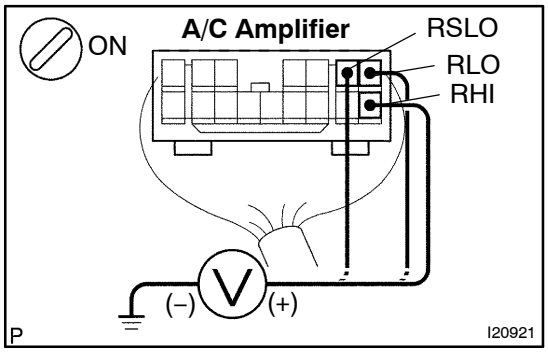
3	**Check harness and connector between A/C amplifier and luggage room J/B ECU (See page IN–35).**

NG → **Repair or replace harness or connector.**

OK

Check and replace luggage room J/B ECU.

4	**Check voltage between terminals RHI, RLO and RSLO of A/C amplifier connector and body ground.**



PREPARATION:

Remove A/C amplifier with connectors still connected.

CHECK:

(a) Turn ignition switch to ON.

(b) Measure voltage between terminals RHI, RLO and RSLO of A/C amplifier and body ground, when rear blower motor speed to following conditions.

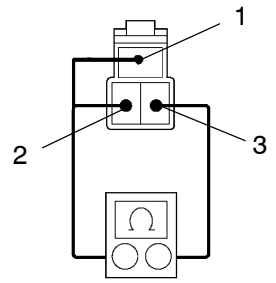
OK:

Terminal / Position	RHI – Body ground	RLO – Body ground	RSLO – Body ground
OFF	0 V	0 V	0 V
LO	10 – 14 V	Below 1.0 V	10 – 14 V
HI	10 – 14 V	10 – 14 V	Below 1.0 V

OK	**Go to step 7.**

NG

5	Check blower resistor.



PREPARATION:
Remove blower resistor (See page AC–77).
CHECK:
Measure resistance between terminals as shown on the chart.
OK:

Tester connection	Specified condition
1 – 3	5.2 – 6.0 Ω
2 – 3	10.5 – 12.1 Ω

NG → Replace blower resistor.

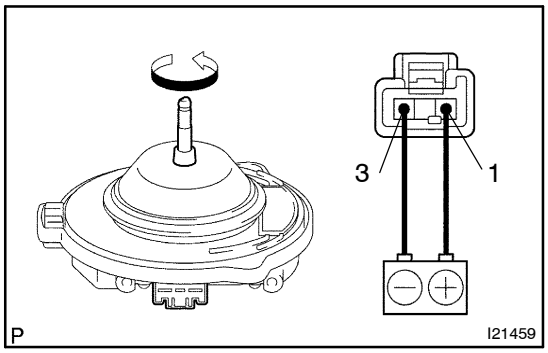
OK

6	Check harness and connector between blower resistor and A/C amplifier (See page IN–35).

NG → Repair and replace harness or connector.

OK

7	**Check blower motor.**



PREPARATION:
Remove blower motor (See page AC–38).
CHECK:
Connect the positive (+) lead from the battery to terminal 1 of blower motor connector and the negative (–) lead to terminal 3.
OK:

Blower motor operates smoothly.

NG → **Replace blower motor.**

OK

8	**Check harness and connector between blower motor and blower resistor, blower motor and body ground (See page IN–35).**

NG → **Repair and replace harness or connector.**

OK

Check and replace A/C amplifier.