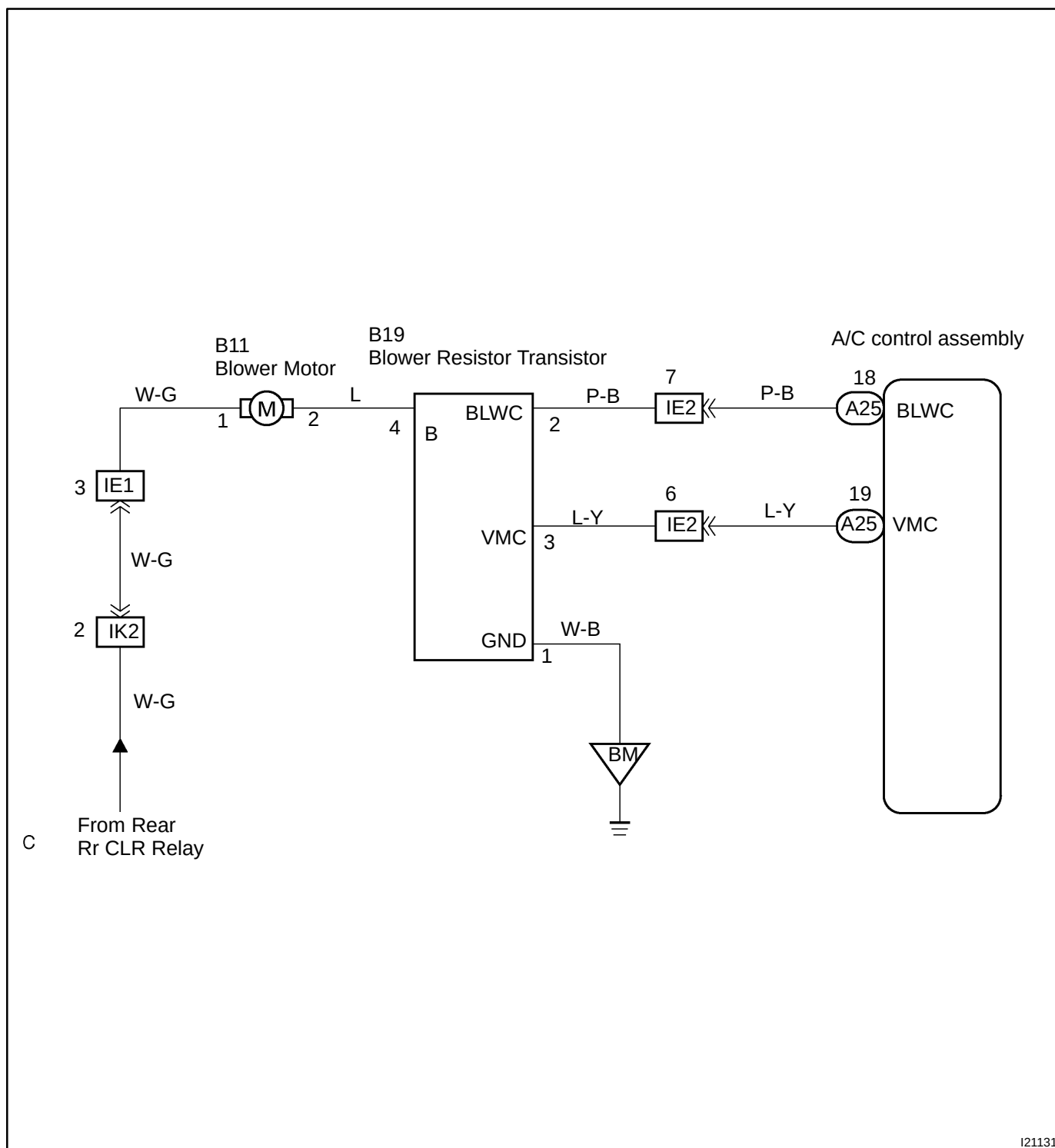


Blower Motor Circuit (Rear Cooling)

CIRCUIT DESCRIPTION

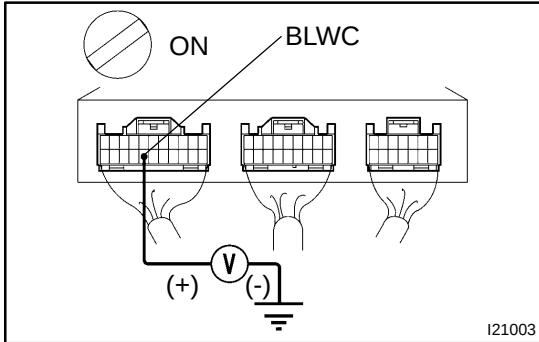
This is the power source for blower motor.

WIRING DIAGRAM



INSPECTION PROCEDURE

- | | |
|----------|---|
| 1 | Check voltage between terminal BLWC of A/C control assembly connector and body ground. |
|----------|---|

**PREPARATION:**

Remove the A/C control assembly with connector still connected.

CHECK:

- (a) Turn ignition switch to ON.
- (b) Operate blower motor.
- (c) Measure voltage between terminal BLWC of A/C control assembly and body ground.

OK:

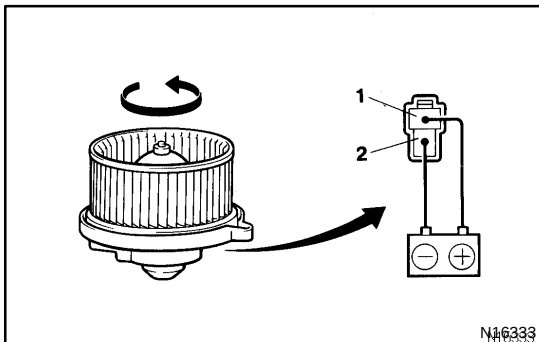
Voltage: 1 ± 3 V

OK

Go to step 3.

NG

- | | |
|----------|----------------------------|
| 2 | Check blower motor. |
|----------|----------------------------|

**PREPARATION:**

Remove blower motor.

CHECK:

Connect the positive (+) lead from the battery to terminal 2 of blower motor connector and the negative (-) lead to terminal 1.

OK:

Blower motor operates smoothly.

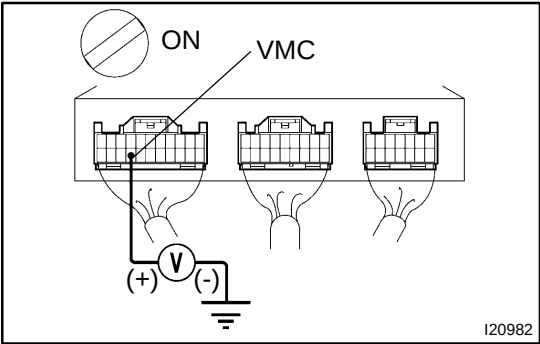
NG

Replace blower motor.

OK

3

Check voltage between terminal VMC of A/C control assembly and body ground.



PREPARATION:

Remove the A/C control assembly with connector still connected.

CHECK:

- (a) Turn ignition switch to ON.
- (b) Operate rear A/C blower motor.
- (c) Measure voltage between terminal VMC of A/C control assembly and body ground, when blower switch is operated to following positions.

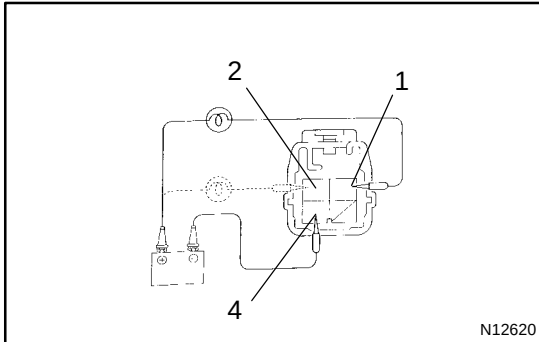
OK:

Blower speed	Voltage
LO	7.2 V
ME	4.2 V
HI	0.5 V

OK

Proceed to next circuit inspection shown on problem symptoms table See page [DI-697](#)).

NG

4 Check power transistor.**PREPARATION:**

Remove power transistor (See page [AC-88](#)).

CHECK:

- Connect the positive (+) lead from the battery to terminal 1 through a 12 V - 3.4 W test bulb and negative (-) lead to terminal 2.
- Check the test bulb lights up when another positive (+) lead is connected to terminal 4 through a 12 V - 3.4 W test bulb.

OK:

Test bulb lights up.

CHECK:

Measure resistance between terminals 2 and 4.

OK:

Resistance: 2.0 - 2.4 kΩ

NG

Replace power transistor.

OK

5 Check harness and connector between power transistor and A/C control assembly, power transistor and body ground (See page [IN-31](#)).

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Repair or replace harness or connector.

OK

Check and replace A/C control assembly (See page [IN-31](#)).