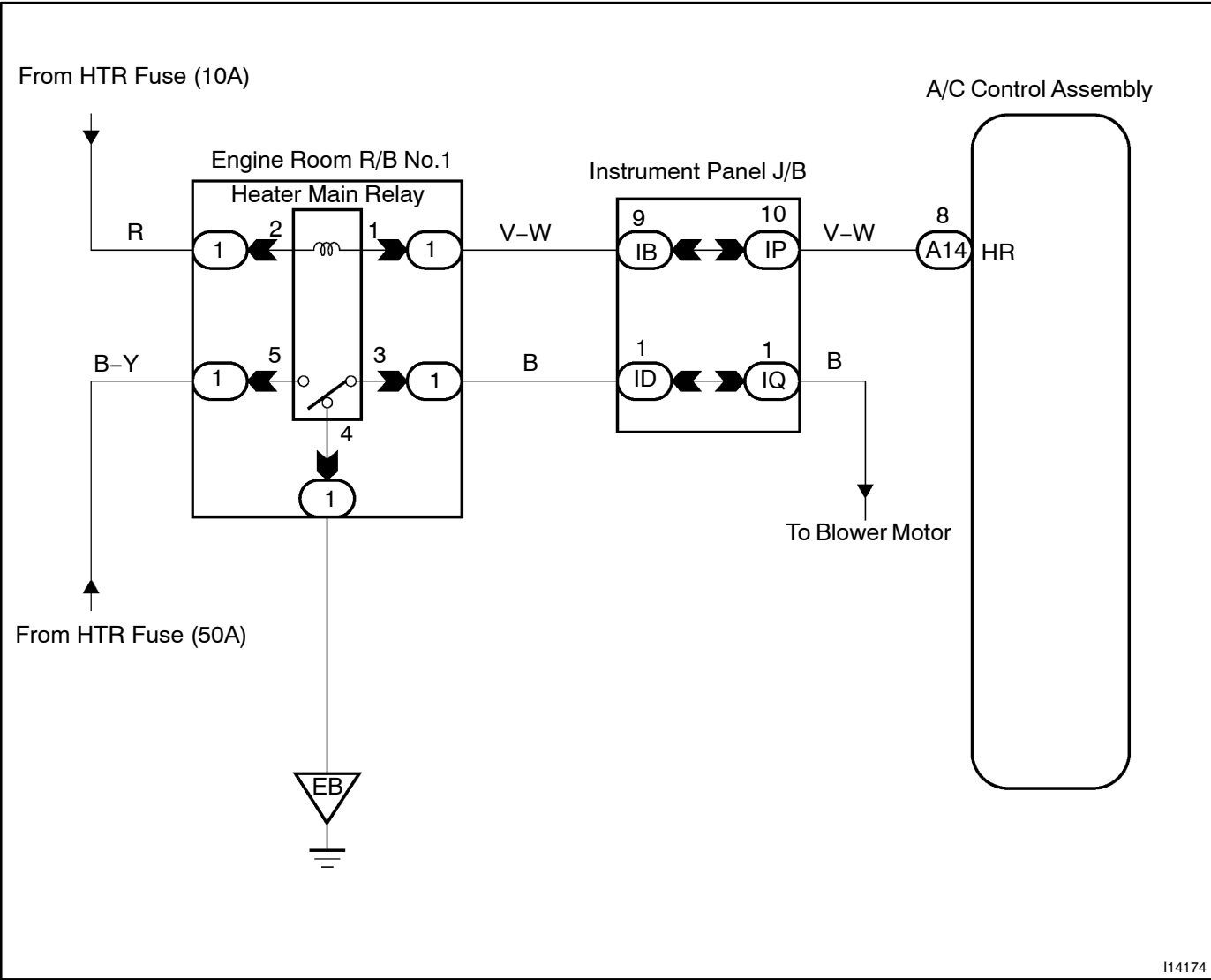


Heater Main Relay Circuit

CIRCUIT DESCRIPTION

The heater main relay is switched on by signals from the A/C control assembly. It supplies power to the blower motor.

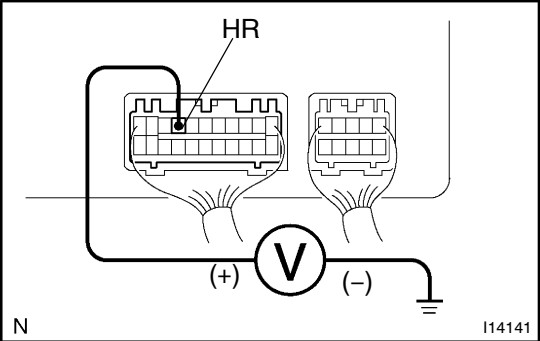
WIRING DIAGRAM



INSPECTION PROCEDURE

- 1

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



PREPARATION:

Remove A/C control assembly with connectors still connected.

CHECK:

Measure voltage between terminal HR of A/C control assembly and body ground when ignition switch is ON and OFF.

OK:

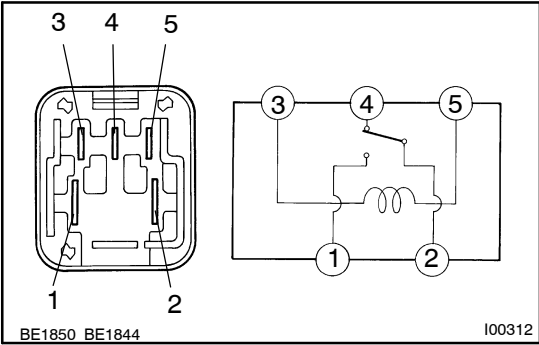
Ignition Switch	Voltage	
OFF	0 V	
ON	Blower ON	0 V
	Blower OFF	10 – 14 V

OK

Proceed to next circuit inspection shown on problem symptoms talbe ([See page DI-432](#)).

NG

2 Check heater main relay.



PREPARATION:

Remove heater main relay from.

CHECK:

Check continuity between each pair of terminals of heater main relay shown below.

OK:

Tester connection	Specified condition
1 - 4	No continuity
2 - 4	Continuity
3 - 5	62.5 - 90.9 Ω

PREPARATION:

Apply battery positive voltage between terminals 3 and 5.

CHECK:

Check continuity between each pair of terminal shown below.

OK:

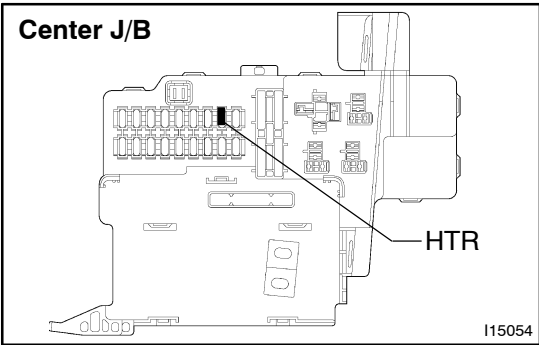
Tester connection	Specified condition
1 - 2	Continuity
2 - 4	No continuity

NG

Replace hater main relay.

OK

3 Check HTR fuse



PREPARATION:

Remove HTR fuse from center J/B.

CHECK:

Check continuity of HTR fuse.

OK:

Continuity exists.

NG

Check for short in all the harness and components connected to the HTR fuse (See page DI-475).

OK

Check and repair harness and connector between A/C control assembly and battery.