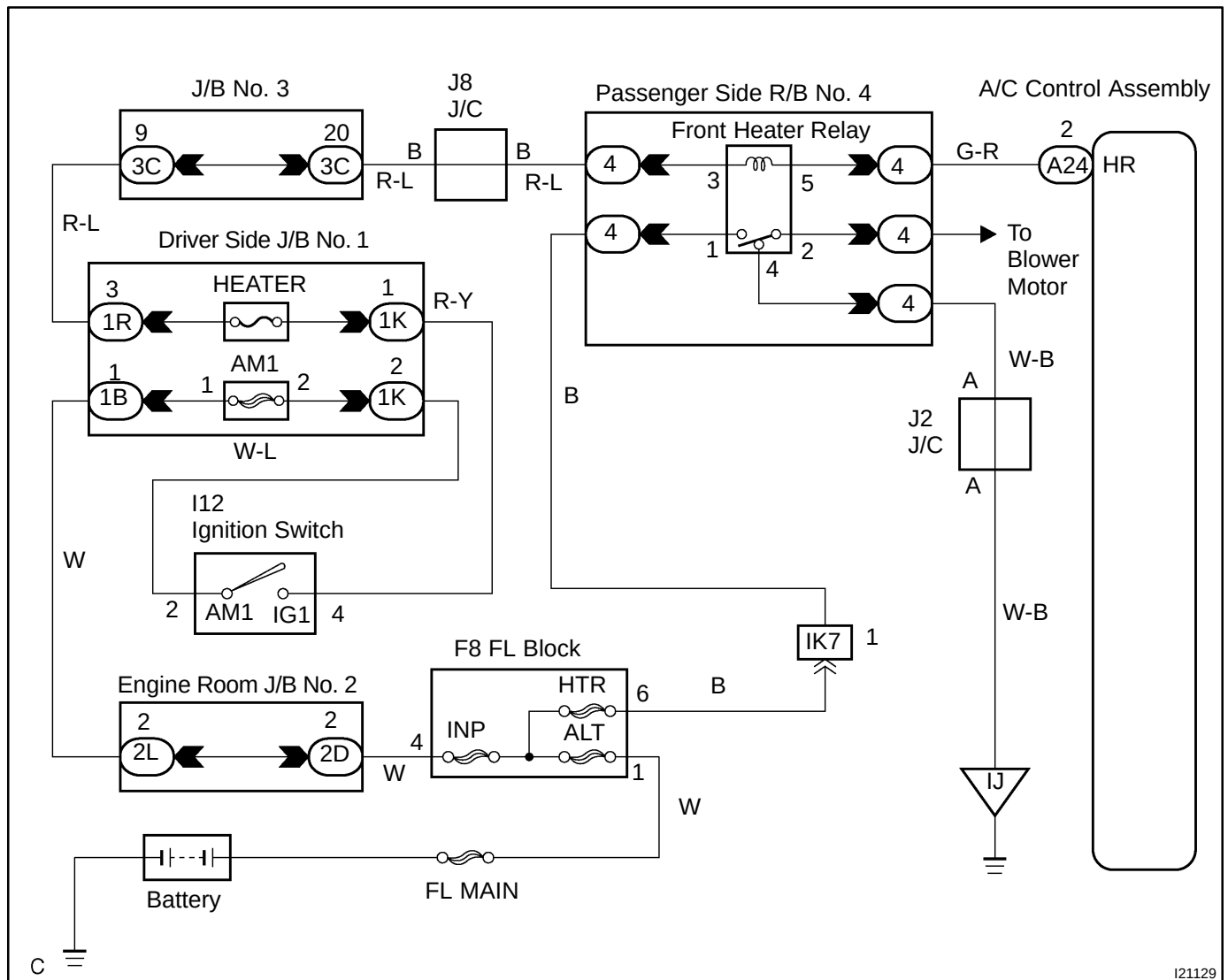


Heater Main Relay Circuit

CIRCUIT DESCRIPTION

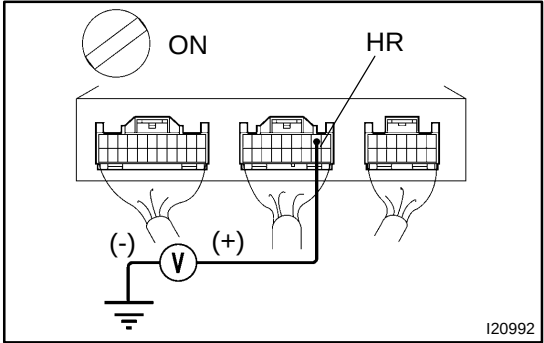
The heater main relay is switched on by signals from the A/C control assembly. It supplies power to the blower motor.

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 (See page [AC-1 16](#)).

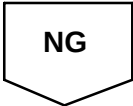
CHECK:

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

OK:

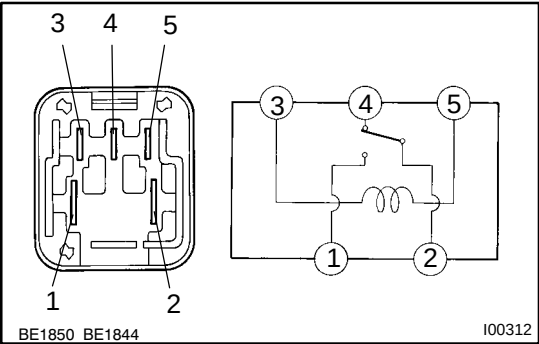
Ignition Switch	Voltage	
OFF	0 V	
ON	Blower ON	0 V
	Blower OFF	10 - 14 V

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



2

Check front heater relay.



PREPARATION:

Remove front heater relay from passenger side R/B No. 4.

CHECK:

Check continuity between each pair of terminals of front heater 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

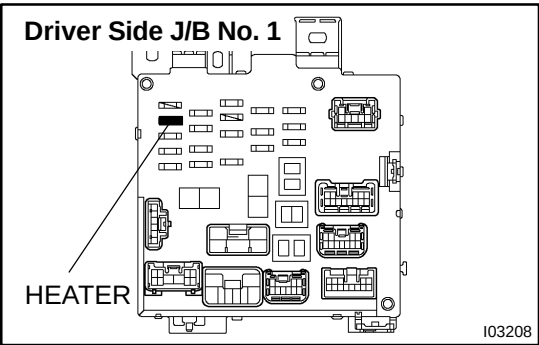
NG

Replace front heater relay.

OK

3

Check HEATER fuse



PREPARATION:

Remove HEATER fuse from driver side J/B No. 1.

CHECK:

Check continuity of HEATER fuse.

OK:

Continuity exists.

NG

Check for short in all the harness and components connected to the HEATER fuse (See attached wiring diagram).

OK

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