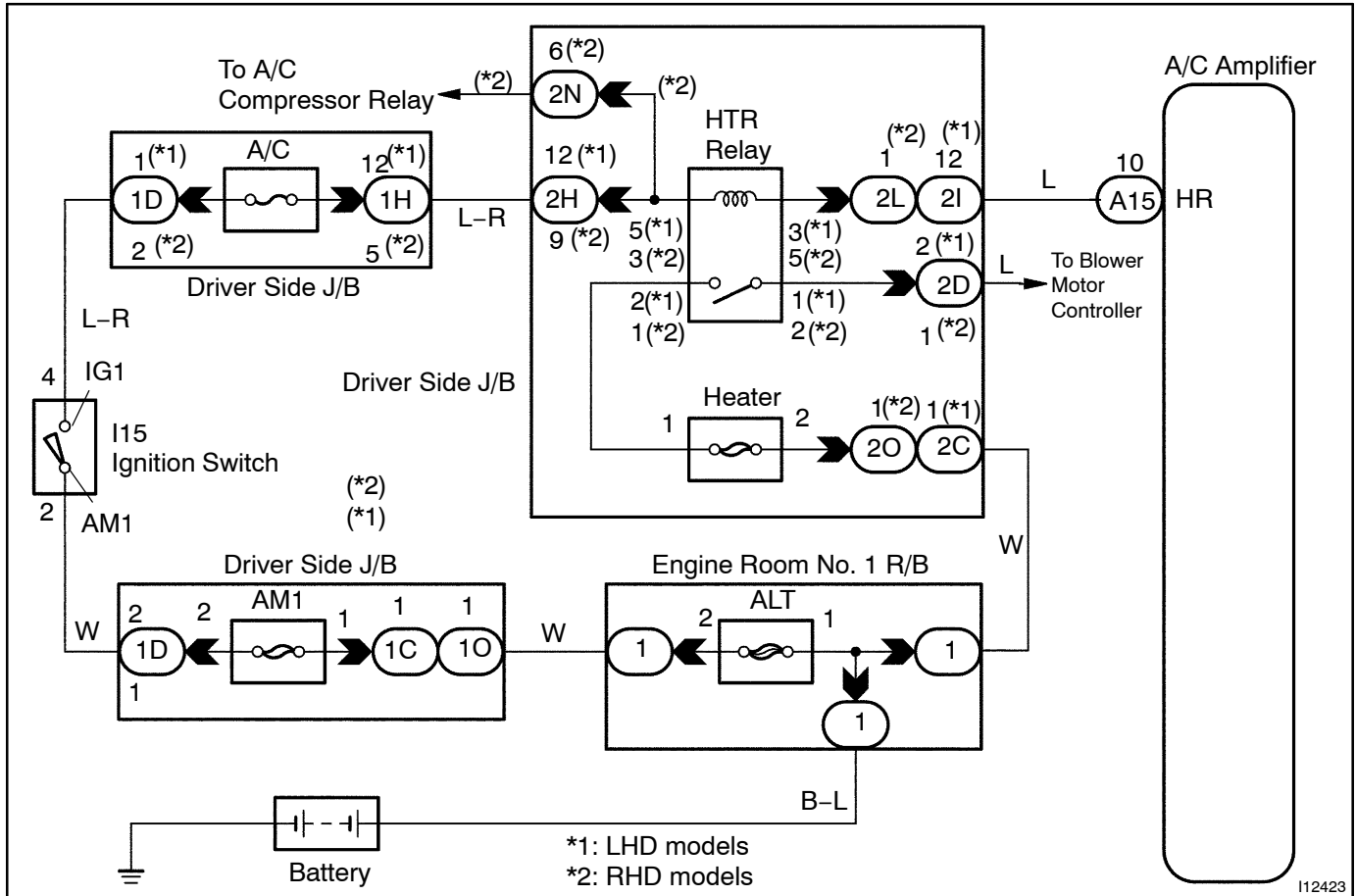


Heater Main Relay Circuit

CIRCUIT DESCRIPTION

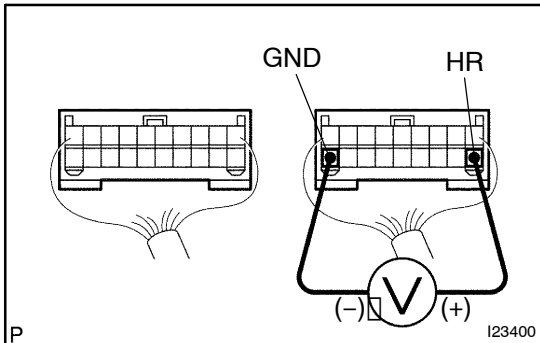
The heater main relay is switched on by signals from the A/C amplifier. It supplies power to the blower motor.

WIRING DIAGRAM



INSPECTION PROCEDURE

1 Check voltage between terminal HR of A/C amplifier connector and body ground.

**PREPARATION:**

Remove A/C amplifier with connectors still connected.

CHECK:

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

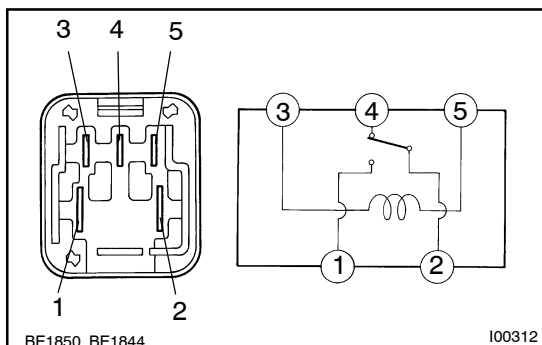
OK:

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-612)

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2 Check heater main relay.**PREPARATION:**

Remove heater main relay from passenger side J/B.

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.

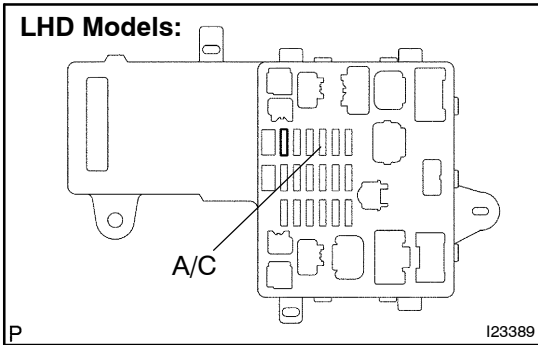
OK:

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

NG**Replace heater main relay.****OK**

3 Check A/C fuse

LHD Models:



PREPARATION:

Remove A/C fuse from driver side J/B.

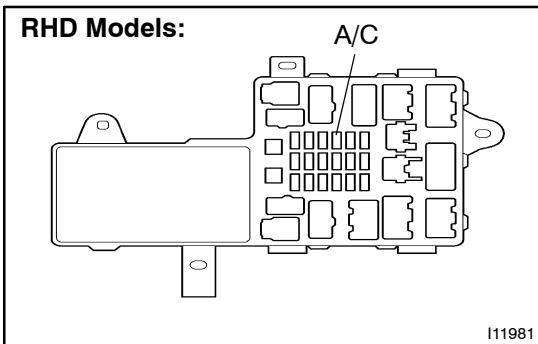
CHECK:

Check continuity of A/C fuse.

OK:

Continuity exists.

RHD Models:



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

OK

Check and repair harness and connector between A/C amplifier and battery.