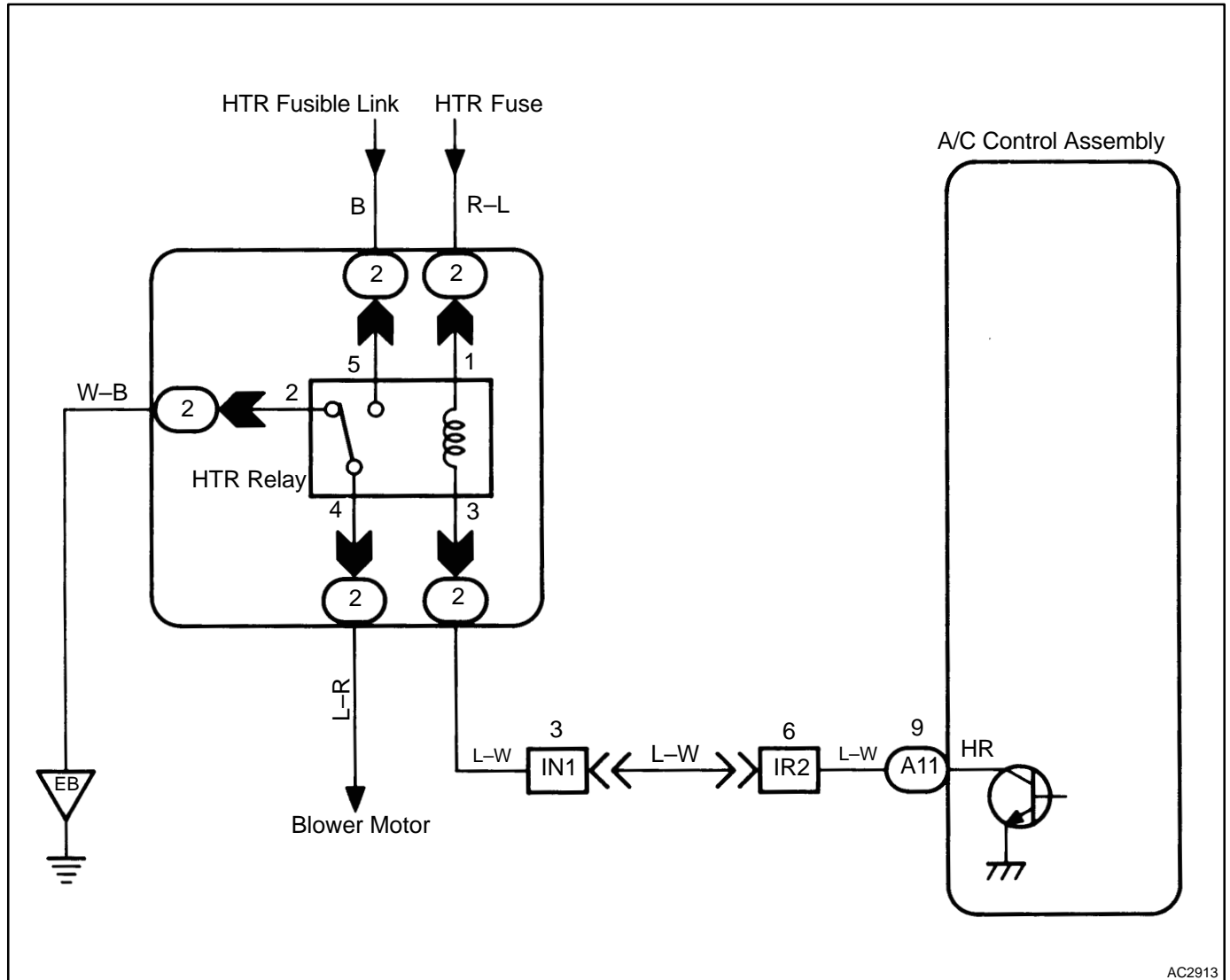


Heater Relay Circuit

CIRCUIT DESCRIPTION

The heater relay is switched on by signals from the air conditioning control assembly. It supplies power to the blower motor.

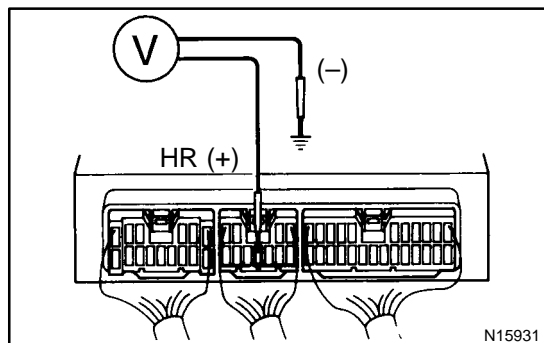
WIRING DIAGRAM



AC2913

INSPECTION PROCEDURE

- 1 Check voltage between terminal HR of air conditioning control assembly connector and body ground.**

**PREPARATION:**

- Remove upper console panel.
- Remove A/C control assembly with connectors still connected.

CHECK:

Measure voltage between terminal HR of air conditioning control assembly and body ground when ignition switch is on and off.

OK:

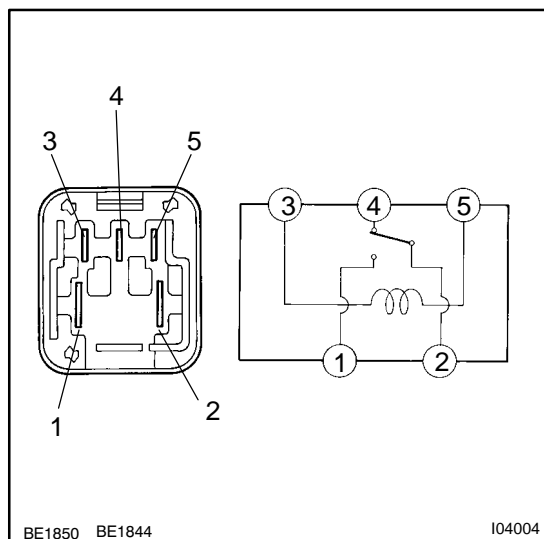
Ignition Switch	Voltage	
OFF	0 V	0 V
ON	Blower ON	0 V
	Blower OFF	10 – 14 V

OK

Proceed to next circuit inspection shown on matrix chart (See page DI-821).

NG

- 2 Check heater relay (Marking: HTR).**

**CHECK:**

Check continuity between each pair of terminals of heater relay (Marking: HTR) shown below.

OK:

Terminals 1 and 2	Open
Terminals 2 and 4 Terminals 3 and 5	Continuity

PREPARATION:

- Apply battery positive voltage between terminals 3 and 5.
- Check continuity between each pair of terminals shown below.

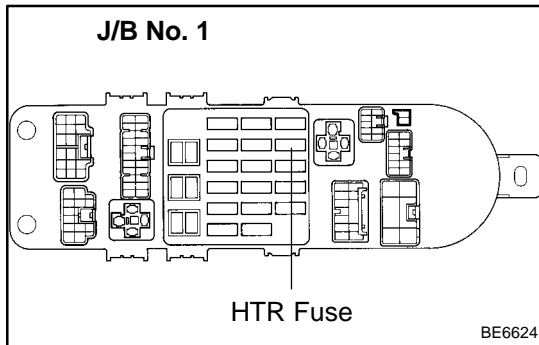
OK:

Terminals 2 and 4	Open
Terminals 1 and 2	Continuity

NG

Replace heater main relay (Marking: HTR).

OK

3**Check HTR fuse.****PREPARATION:**

Remove HTR fuse from J/B No.1.

CHECK:

Check continuity of HTR fuse.

OK:**Continuity****NG****Check for short in all the harness and components connected to the HTR fuse (See attached wiring diagram).****OK****Check and repair harness and connector between air conditioning control assembly and battery.**