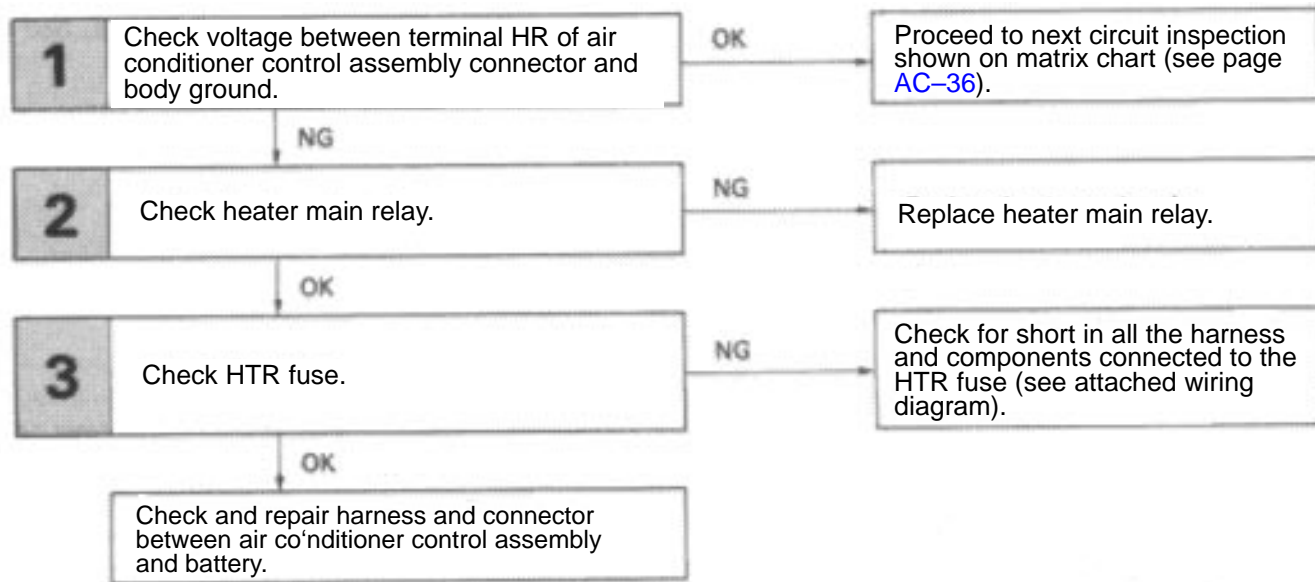


Heater Main Relay Circuit

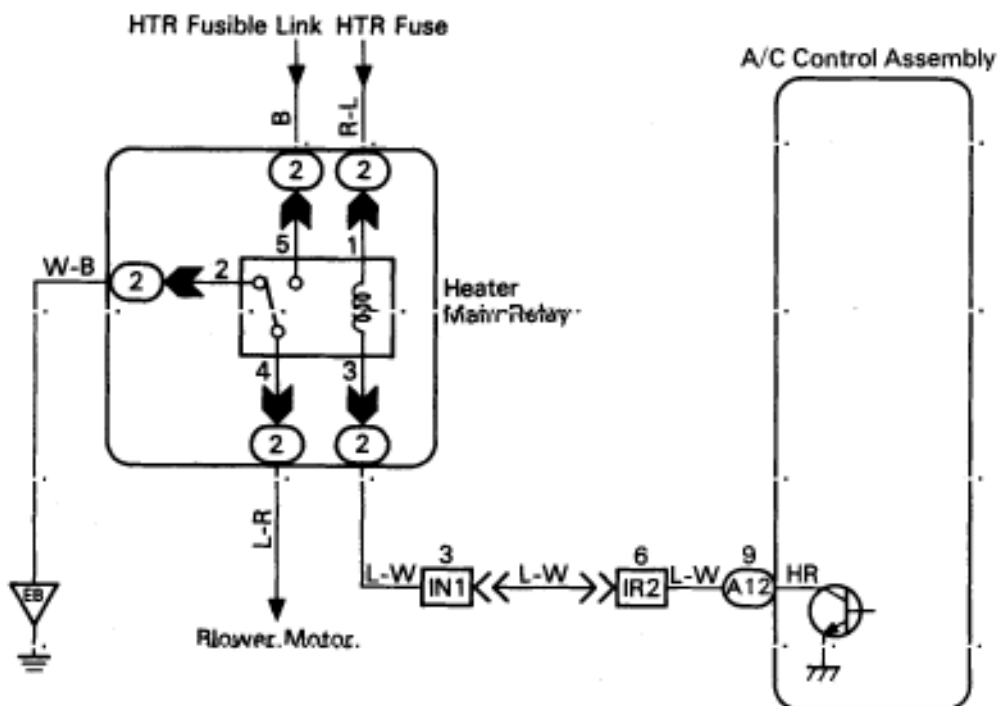
— CIRCUIT DESCRIPTION —

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

— DIAGNOSTIC CHART —



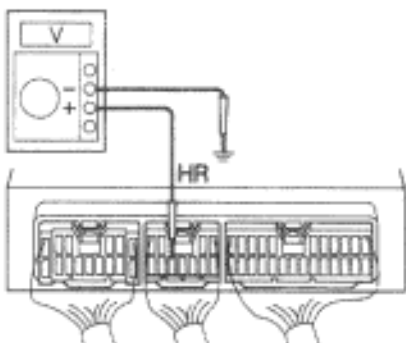
WIRING DIAGRAM



INSPECTION PROCEDURE

1

Check voltage between terminals HR of air conditioner control assembly connector and body ground.



AC2882

P

1. Remove console upper panel (See page [BO-111](#))
2. Remove A/C control assembly with connectors still connected.

C

Measure voltage between terminals HR of air conditioner control assembly connector and body ground when switch is on and off.

OK

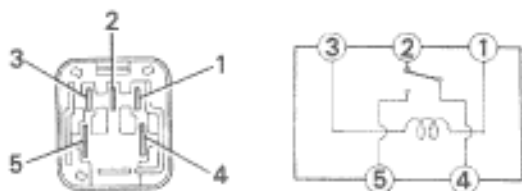
Ignition Switch	Voltage	
OFF	0 V	
ON	Blower ON	0 V
	Blower OFF	10 – 14 V

NG**OK**

Proceed to next circuit inspection shown on matrix chart (See page [AC-36](#)).

2

Check heater main relay.



BE1850 BE1844

C

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

OK

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

P

1. Apply battery voltage between terminals 1 and 3.
2. Check continuity between each pair of terminal shown below.

OK

Terminals 2 and 4	Open
Terminals 4 and 5	Continuity

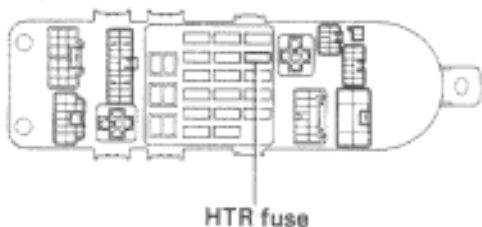
OK**NG**

Replace heater main relay.

3

Check HTR fuse.

J/B No. 1



BE8824

P

Remove HTR fuse from J/B no. 1.

C

Check continuity of HTR fuse.

OK

Continuity.

OK**NG**

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

Check and repair harness and connector between air conditioner control assembly and battery.