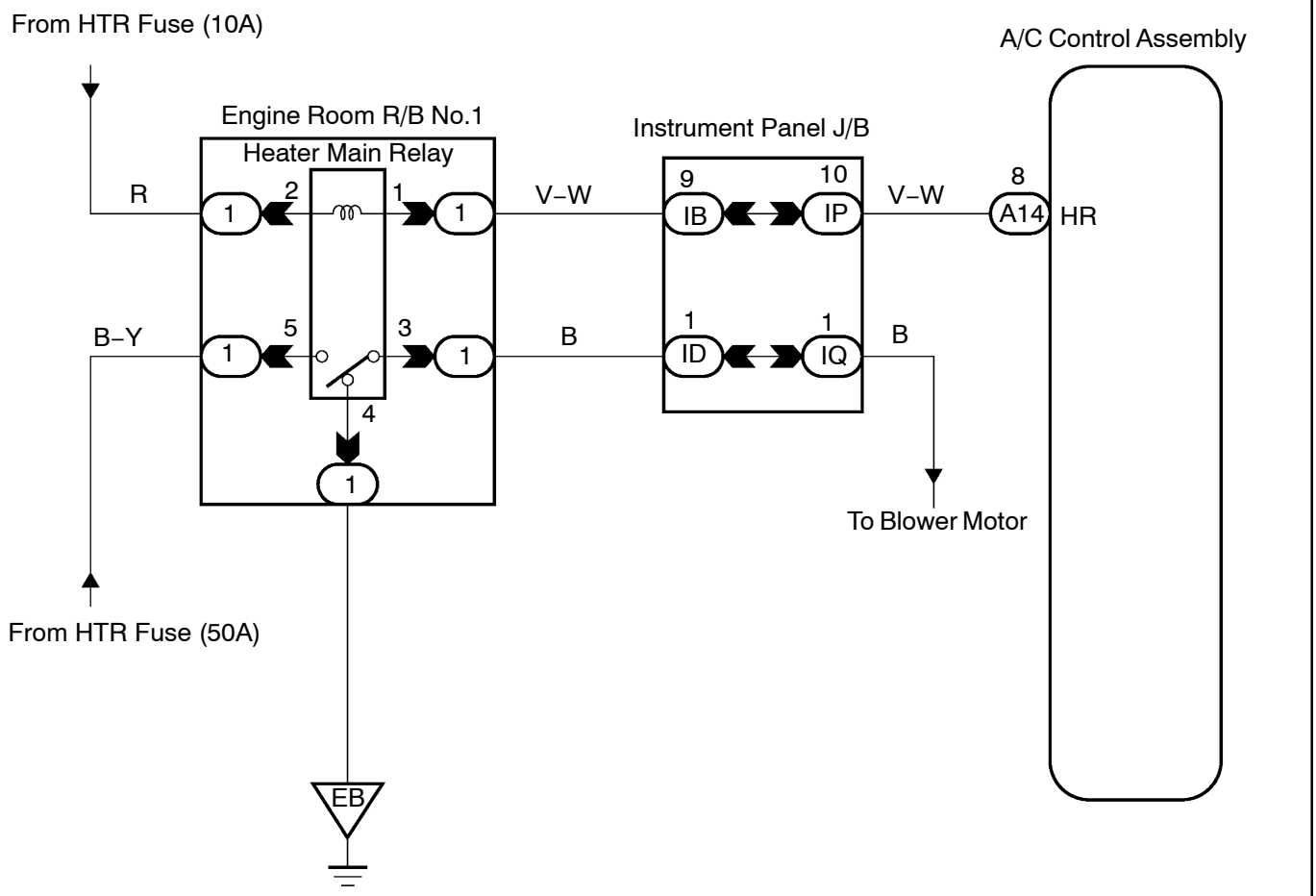
DI1CI–04

# Heater Main Relay Circuit

## CIRCUIT DESCRIPTION

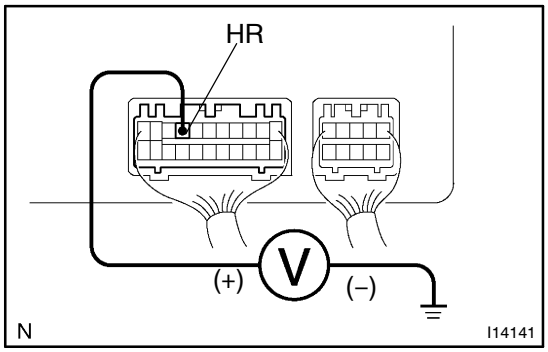
The heater main relay is switched on by signals from the A/C control assembly. It supplies power to the blower motor.

## 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:**

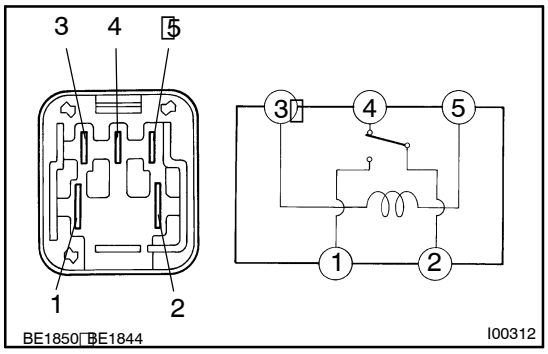
| Ignition Switch | Voltage | |
|---|---|---|
| OFF | 0 V | |
| ON | Blower ON | 0 V |
| | Blower OFF | 10 – 14 V |

**OK**

**Proceed to next circuit inspection shown on problem symptoms table (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 |

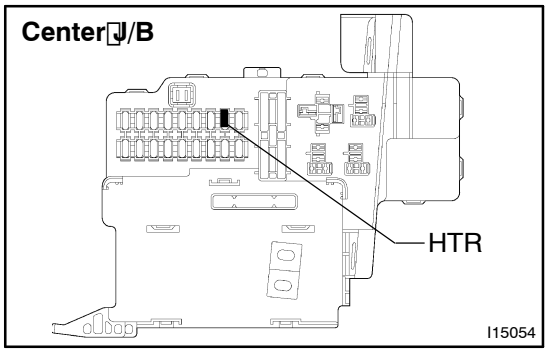
**PREPARATION:**
Apply battery positive voltage between terminals 3 and 5.
**CHECK:**
Check continuity between each pair of terminal shown below.
**OK:**

| 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.**