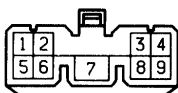


## ON-WIRE HARNESS SIDE



S-9-1

N06435

# AIR CONDITIONING AMPLIFIER

## ON-VEHICLE INSPECTION

AC25I-01

## INSPECT AMPLIFIER CIRCUIT

- (a) Disconnect the amplifier and inspect the connector on the wire harness side, as shown in the chart below.

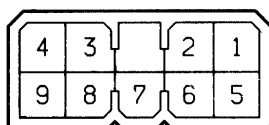
Test conditions:

- Ignition switch ON
- A/C switch ON
- Temperature control lever MAX COOL
- Blower control switch HI

| Tester connection | Condition      | Specifeid condition             |
|-------------------|----------------|---------------------------------|
| 6 – Ground        | Constant       | Continuity                      |
| 8 – 9             | Constant       | Continuity                      |
| 9 – 6             | Constant       | Approx. 1.5 kΩ at 25 °C (77 °F) |
| 2 – Ground        | A/C switch ON  | Battery positive voltage        |
| 2 – Ground        | A/C switch OFF | No voltage                      |
| 5 – Ground        | Start engine   | Approx. 10 to 14 v              |
| 5 – Ground        | Stop engine    | No voltage                      |

If circuit is as specified, try replacing the amplifier with a new one. If the circuit is not as specified, inspect the circuits connected to other parts.

## From Back Side



g-9-2

Z12886

- (b) Connect the connector to A/C amplifier and inspect wire harness side connector from the back side, as shown in the chart below.

Test conditions:

- Ignition switch ON
- A/C switch ON
- Temperature control lever MAX COOL
- Blower control switch HI

| Tester connection | Condition                                                                | Specified Condition      |
|-------------------|--------------------------------------------------------------------------|--------------------------|
| 3 – Ground        | Refrigeration pressure<br>2.0 – 32 kgf/cm <sup>3</sup>                   | Battery positive voltage |
| 3 – Ground        | Refrigeration pressure<br>less than 2.0 – 32 kgf/cm <sup>3</sup> or more | No voltage               |

If circuit is not as specified, replace the amplifier.