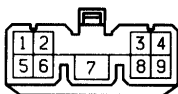


ON-WIRE HARNESS SIDE



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.

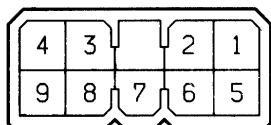
Test conditions:

- 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 2.0 - 32 kgf/cm ³	Battery positive voltage
3 - Ground	Refrigeration pressure less than 2.0 - 32 kgf/cm ³ or more	No voltage

If circuit is not as specified, replace the amplifier.