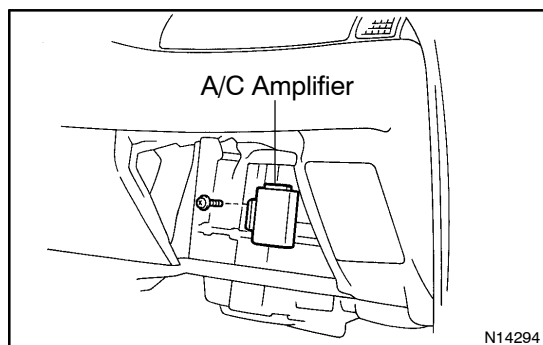


AIR CONDITIONING AMPLIFIER INSPECTION

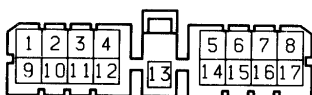
AC34N-01

1. REMOVE GLOVE COMPARTMENT DOOR (See page [BO-98](#))



2. REMOVE A/C AMPLIFIER
 - (a) Disconnect the connector.
 - (b) Remove the screw and amplifier.

On Wire Harness Side



K-17-1

Z17971

3. INSPECT AMPLIFIER CIRCUIT

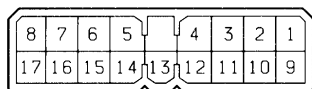
- (a) Disconnect the amplifier and inspect the connector on the wire harness side, as shown in the chart below.

Test conditions:

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

Tester connection	Condition	Specifeid condition
15 – Ground	Constant	Continuity
14 – ECM terminal ACT	Constant	Continuity
1 – 13	Constant	Approx. 1.5 k Ω at 25 °C (77 °F)
7 – Ground	Constant	Approx. 60 Ω at 25 °C (77 °F)
4 – Ground	A/C switch ON	Battery positive voltage
4 – Ground	A/C switch OFF	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.

Wire harness Side from Back Side

G-17-2

Z17972

- (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
11 – Ground	A/C switch ON	Below 1 V
11 – Ground	A/C switch OFF	No voltage

If circuit is not as specified, replace the amplifier.

4. REINSTALL A/C AMPLIFIER

- (a) Reinstall the amplifier with the screw.
(b) Reconnect the connector.

5. REINSTALL GLOVE COMPARTMENT DOOR