



AIR CONDITIONING AMPLIFIER AMPLIFIER REMOVAL

1. REMOVE GLOVE BOX

2. REMOVE A/C AMPLIFIER

- (a) Disconnect the connector from the amplifier.
- (b) Remove the amplifier from the cooling unit.

AMPLIFIER INSTALLATION

1. INSTALL A/C AMPLIFIER

- (a) Install the amplifier to the cooling unit.
- (b) Connect the connector.

2. INSTALL GLOVE BOX

AMPLIFIER INSPECTION

INSPECT A/C AMPLIFIER CONNECTOR ON WIRE HARNESS SIDE

Test conditions:

- Ignition switch ON
- Temperature control lever to MAX COOL
- Blower switch ON

Tester connection to terminal number	Condition	Specified value (Continuity)
7 – 8	Constant	Continuity
8 – Ground	Constant	Continuity
Tester connection to terminal number	Condition	Specified value (Voltage)
3 – 8	Turn A/C switch ON	Battery positive voltage
3 – 8	Turn A/C switch OFF	Battery positive voltage
4 – 8	Turn A/C switch ON	Battery positive voltage
4 – 8	Turn A/C switch OFF	No voltage
6 – 8	Start the engine.	Approx. 10 to 14 V
6 – 8	Stop the engine.	No voltage
8 – 9	Turn A/C switch ON	Battery positive voltage
8 – 9	Turn A/C switch OFF	Battery positive voltage
Tester connection to terminal number	Condition	Specified value (Resistance)
2 – 5	MAX. COOL	Approx. 0 Ω
2 – 5	MIN. COOL	Approx. 3 kΩ
5 – 8	Constant	Approx. 1.5 kΩ at 25 °C (77 °F)

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.