• Wire Harness Side



e-10-1 Z11344

AIR CONDITIONER AMPLIFIER

AC15V-01

A/C AMPLIFIER INSPECTION

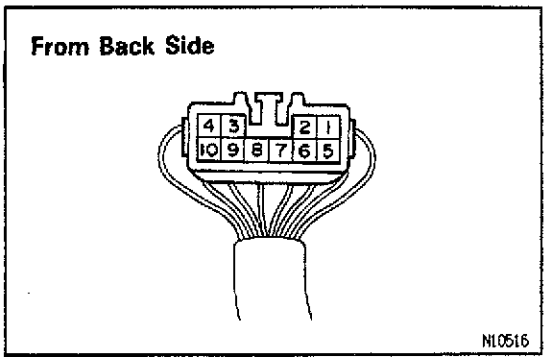
INSPECT A/C AMPLIFIER CIRCUIT

(a) Disconnecrt the amplifier and inspect the connector on the wire harness side, as shown in the chart below.
Test conditions:
- Ignition switch ON

Tester connection to terminal number	Condition	Specified value (Continuity)
6 — Ground	Constant	Continuity
Tester Connection to terminal number	**Condition**	**Specified value (Resistance)**
7 — 8	Constant	Approx. 1.5 kΩ at 25 °C (77 °F)
7 — 9	Constant	0 — 3 kΩ
Tester Connection to terminal number	**Condition**	**Specified value (Voltage)**
1 — Ground	Cooler blower switch on	Battery voltage
1 — Ground	Cooler blower switch off	No voltage
2 — Ground	Cooler blower switch on	Battery voltage
2 — Ground	Cooler blower switch off	No voltage
4 — Ground	Constant	Approx. 10 — 14V
5 — Ground	Cooler blower switch on	Battery voltage
5 — Ground	Cooler blower switch off	No voltage
10 — Ground	Constant	Battery voltage

AC

if circuit is not as specified, replace the amplifier.



(b) Connect the connector to A/C amplifier and inspect wier harness side connector from the back side, as shown.

Test condition:

- Ignition switch ON
- Cooler blower switch ON

Tester connection to terminal number	Condition	Specified value (Voltage)
3 – Ground	Refrigeration pressure 2.0 – 32 kgf/cm^3	Battery 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.

AC