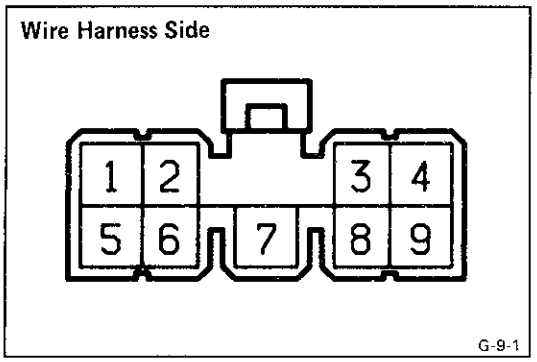


AIR CONDITIONER AMPLIFIER

Inspection of Amplifier

INSPECT AMPLIFIER CIRCUIT

Disconnect the amplifier and inspect the connector on the wire harness side as shown in the chart below.

Test conditions:

(1) Ignition: ON

(2) Temperature control lever: MAX. COOL

(3) Blower switch: HI

For 22R, 3F engines

Check for	Tester connection	Condition	Specified value
Voltage	2 — 6	Turn A/C switch on	No voltage
		Turn A/C switch off	Battery voltage
	3 — 6	Turn A/C switch on	No voltage
		Turn A/C switch off	Battery voltage
	5 — 6	Start engine	Approx. 10 to 14 V
		Stop engine	No voltage
Resistance	3 — 4	Constant	Approx. 40 Ω at 25°C (77°F)
	6 — 7	Constant	Approx. 3.8 Ω
	8 — 9	Max. cool	Apporx. 0 Ω
		Min. cool	Apporx. 3 KΩ
	6 — 9	Constant	Approx. 1.5 KΩ at 25°C (77°F)

For 2L-T, 3L, 1PZ engines

Check for	Tester connection	Condition	Specified value
Voltage	3 — 6	Turn ignition switch on	Battery voltage
		Turn ignition switch off	No voltage
	2 — 6	Turn A/C switch on	Battery voltage
		Turn A/C switch off	No voltage
Resistance	8 — 9	Max. cool	Approx. 0 Ω
		Min. cool	Approx. 3 KΩ
	6 — 9	Constant	Approx. 1.5 KΩ
	6 — 7	Constant	Approx. 3.5 Ω
Continuity	4 — 6	Water temp. switch off [Approx. 110°C (230°F)]	No continuity
		Water temp. switch on [Approx. 110°C (230°F)]	Continuity