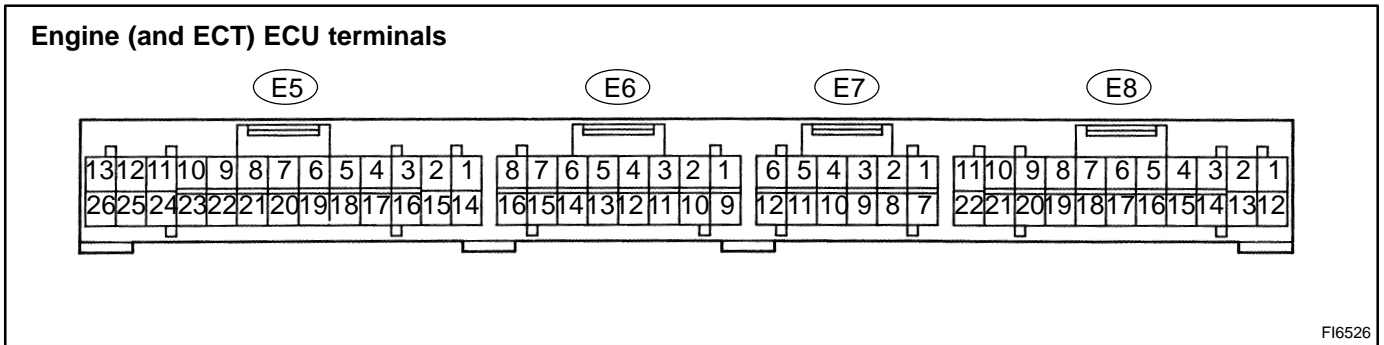


# AIR CONDITIONING AMPLIFIER ON-VEHICLE INSPECTION

AC2K5-01

1. REMOVE GLOVE COMPARTMENT DOOR
2. INSPECT A/C AMPLIFIER (Engine (and ECT) ECU) CIRCUIT

Inspect the wire harness side connector of engine (and ECT) ECU from the back side, as shown in the chart below.



Tester connection	Condition	Specified condition
E7-3 ↔ Ground	Start engine. Magnetic clutch: ON	Below 1.0 V
	Start engine. Magnetic clutch: OFF	Battery voltage
E5-14 ↔ E5-9	IG ON. Evaporator temp.: 0 °C (32 °F)	2.0 - 2.4 V
	IG ON. Evaporator temp.: 15 °C (59 °F)	1.4 - 1.8 V
E7-10 ↔ Ground	IG ON. A/C switch: ON	Battery voltage
	IG ON. A/C switch: OFF	No voltage
E7-7 ↔ Ground	Refrigerant pressure: 196 - 1,340 kPa	Battery voltage
E7-7 ↔ Ground	Refrigerant pressure: less than 196 or more than 1,340 kPa	No voltage

If the circuit is not as specified, inspect the circuits connected to other parts.