

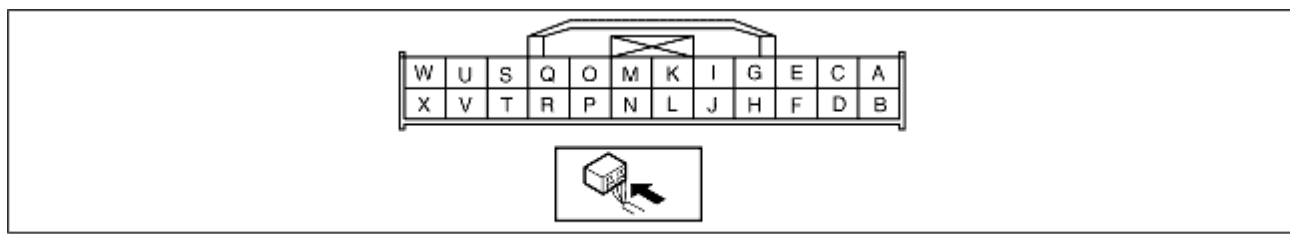
CLIMATE CONTROL UNIT INSPECTION [MANUAL AIR CONDITIONER]

B3E074061190W08

1. Install the PJB.
2. Turn the ignition switch to the ON position.
3. Connect the negative (-) lead of the tester to body ground.
4. By inserting the positive (+) lead of the tester into each climate control unit terminal, measure the voltage according to the terminal voltage table.

- If there is any malfunction, inspect the parts under "Inspection item (s)".
- If the parts under "Inspection item (s)" are found to be normal, replace the climate control unit.

Terminal Voltage Table (Reference)



B3E07401W098

Terminal	Signal name	Connected to	Measurement condition	Voltage (V)	Inspection item (s)
A	-	-	-	-	-
B	-	-	-	-	-
C	-	-	-	-	-
D	B+	ROOM 15 A fuse	Under any condition	B+	<ul style="list-style-type: none"> • Wiring harness: continuity, short circuit (Climate control unit-fuse: D-ROOM 15 A) • ROOM 15 A fuse
E	-	-	-	-	-
F	IG2	A/C 10 A fuse	IG SW ON	B+	<ul style="list-style-type: none"> • Wiring harness: continuity, short circuit (Climate control unit-fuse: F-A/C 10 A) • A/C 10 A fuse
			IG SW LOCK	1.0 or less	<ul style="list-style-type: none"> • Wiring harness: continuity, short circuit (Climate control unit-fuse: F-A/C 10 A)
G	-	-	-	-	-
H	-	-	-	-	-
I	-	-	-	-	-
J	GND	Body ground	Under any condition	1.0 or	<ul style="list-style-type: none"> • Wiring harness: continuity (Climate control

				less	unit-GND: J-GND)
K	-	-	-	-	-
L	Sensor GND	Evaporator temperature sensor	Under any condition	1.0 or less	• Climate control unit: terminal voltage (J)
M	A/C	PJB	A/C switch ON, fan switch at 1st	1.0 or less	• Wiring harness: continuity (Climate control unit-PJB: M-J-04 AF)
			A/C switch OFF	B+	• Wiring harness: continuity, short circuit (Climate control unit-PJB: M-J-04 AF)
N	Evaporator temperature sensor input	Evaporator temperature sensor	Compared with temperature detected by evaporator temperature sensor	Refer to graph 1	• Wiring harness: continuity (Climate control unit-evaporator temperature sensor: N-B, L-A) • Wiring harness: short circuit (Climate control unit-evaporator temperature sensor: N-B) • Evaporator temperature sensor • Climate control unit: terminal voltage (F, J)
O	Motor operation	Air intake actuator	Switched to RECIRCULATE	1.0 or less	• Wiring harness: continuity, short circuit (Climate control unit-air intake actuator: S-G, O-E)
			Switched to FRESH	12	• Air intake actuator
P	Rear window defroster switch indicator light	PJB	Rear window defroster switch ON	1.0 or less	• Wiring harness: continuity (Climate control unit-PJB: P-J-04 I) • PJB
			Rear window defroster switch OFF	4.0	• Wiring harness: short circuit (Climate control unit-PJB: P-J-04 I) • PJB
Q	Motor operation	Air intake actuator	Switched to RECIRCULATE	12	• Wiring harness: continuity, short circuit (Climate control unit-air intake actuator: Q-C, S-G)
			Switched to FRESH	1.0 or less	• Air intake actuator
R	Rear window defroster switch	PJB	Rear window defroster switch ON	10 or less	• Wiring harness: continuity, short circuit (Climate control unit-PJB: R-J-04 AD) • Climate control unit: terminal voltage (J) • PJB
			Rear window defroster switch OFF	10 or less	• Wiring harness: continuity, short circuit (Climate control unit-PJB: R-J-04 AD) • PJB
S	Motor operation	Air intake actuator	Switched to RECIRCULATE	12	• Wiring harness: continuity, short circuit (Climate control unit-air intake actuator: S-G, O-E,
				1.0 or	

			Switched to FRESH	less	Q-C) • Air intake actuator
T	FAN signal	Fan switch	FAN switch ON	1.0 or less	• Wiring harness: continuity (Climate control unit-fan switch: T-A) • Fan switch
			FAN switch OFF	4.4	• Wiring harness: continuity (Climate control unit-fan switch: T-A) • Climate control unit: terminal voltage (F) • Fan switch
U	TNS signal	Panel light control switch	Headlight switch OFF	1.0 or less	• Wiring harness: continuity (Climate control unit-panel light control switch: U-F) • Panel light control switch • Climate control unit: terminal voltage (V)
			Headlight switch ON	12	• Wiring harness: short circuit (Climate control unit-panel light control switch: U-F)
V	TNS signal	PJB	Headlight switch OFF	1.0 or less	• Wiring harness: short circuit (Climate control unit-PJB: V-J-03 H) • PJB • Headlight switch
			Headlight switch ON	B+	• Wiring harness: continuity, short circuit (Climate control unit-PJB: V-J-03 H) • PJB • Headlight switch
W	-	-	-	-	-
X	-	-	-	-	-

