

## Control Panel

HVAC SYSTEM (HEATER, VENTILATOR AND A/C)

### 14. Control Panel

#### A: REMOVAL

1) Disconnect the ground cable from battery. <Ref. to NT-5, BATTERY, NOTE, Note.>

##### NOTE:

For the 12 volt engine restart battery of HEV model, disconnect the ground terminal from 12V engine restart battery sensor.

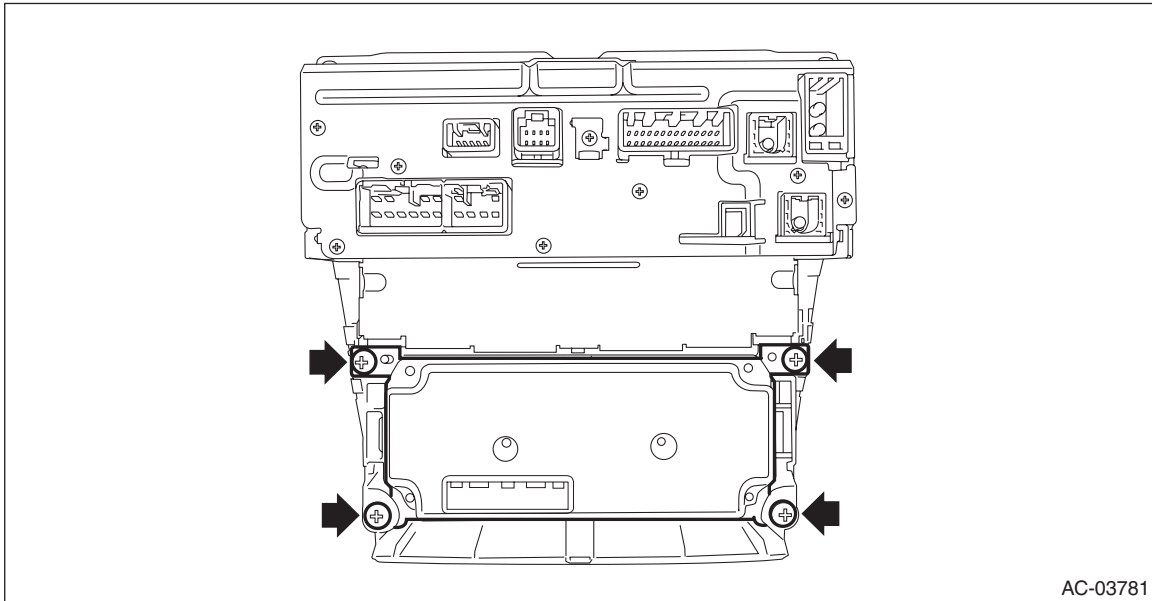
2) Remove the cover assembly - instrument panel LWR driver and the knee airbag module. <Ref. to AB-34, REMOVAL, Knee Airbag Module.>

3) Remove the glove box. <Ref. to EI-78, REMOVAL, Glove Box.>

4) Remove the center grille assembly. <Ref. to AC-104, CENTER GRILLE ASSEMBLY, REMOVAL, Air Vent Grille.>

5) Remove the audio assembly or navigation assembly. <Ref. to ET-12, REMOVAL, Audio.>

6) Remove the screws to remove the heater control assembly.



AC-03781

##### NOTE:

For manual A/C model, refer to the above steps for removal.

#### B: INSTALLATION

##### CAUTION:

**After installing the center grille assembly, check that the air vent grille of the center grille assembly is inserted correctly into the air vent duct.**

Install each part in the reverse order of removal.

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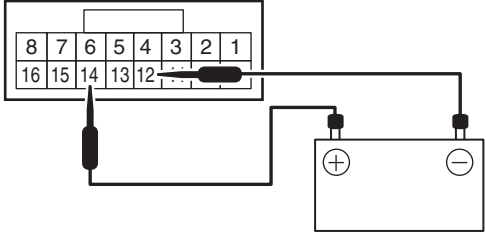
## C: INSPECTION

### 1. CHECK ILLUMINATION

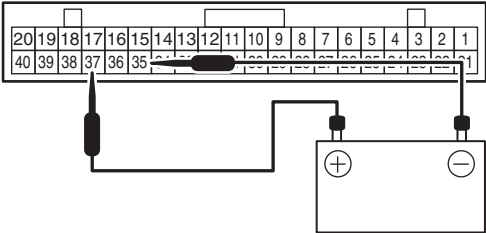
#### UNIT INSPECTION

1) Check the illumination operation when battery voltage is applied between the terminals of control panel.

- Manual A/C model

Terminal No.	Inspection conditions	Specification	Connection diagram
14 (+) — 12 (–)	Connect battery to the terminals	Light ON	 <p>AC-02733</p>

- Auto A/C model

Terminal No.	Inspection conditions	Specification	Connection diagram
37 (+) — 35 (–)	Connect battery to the terminals	Light ON	 <p>AC-02734</p>

2) If it does not operate normally, replace the heater control assembly.

# Control Panel

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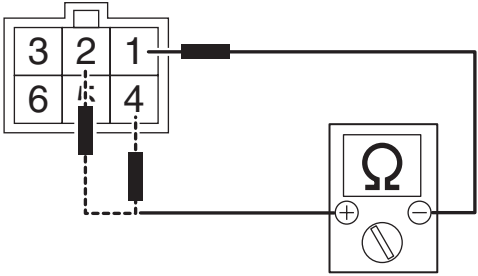
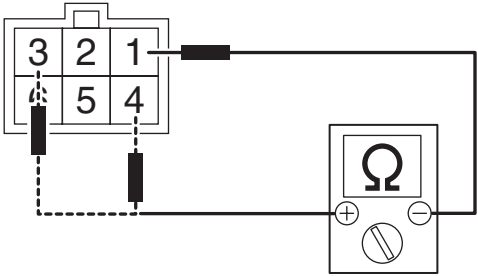
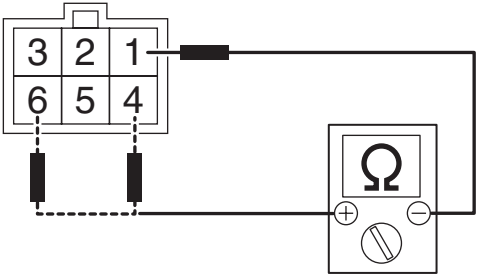
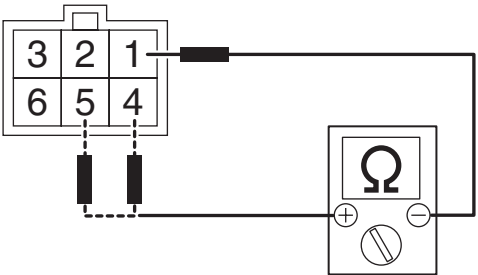
## 2. BLOWER SWITCH (MANUAL A/C MODEL)

### UNIT INSPECTION

#### PREPARATION TOOL:

**Circuit tester**

1) Measure the resistance between the control panel terminals.

Terminal No.	Inspection conditions	Standard	Connection diagram
—	OFF	—	—
1 — 2, 4	1 (LO)	Less than 1 $\Omega$	 <p>AC-02798</p>
1 — 3, 4	2 (M1)	Less than 1 $\Omega$	 <p>AC-02799</p>
1 — 4, 6	3 (M2)	Less than 1 $\Omega$	 <p>AC-02800</p>
1 — 4, 5	4 (HI)	Less than 1 $\Omega$	 <p>AC-02801</p>

2) Replace the heater control assembly if the inspection result is not within the standard.