

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.

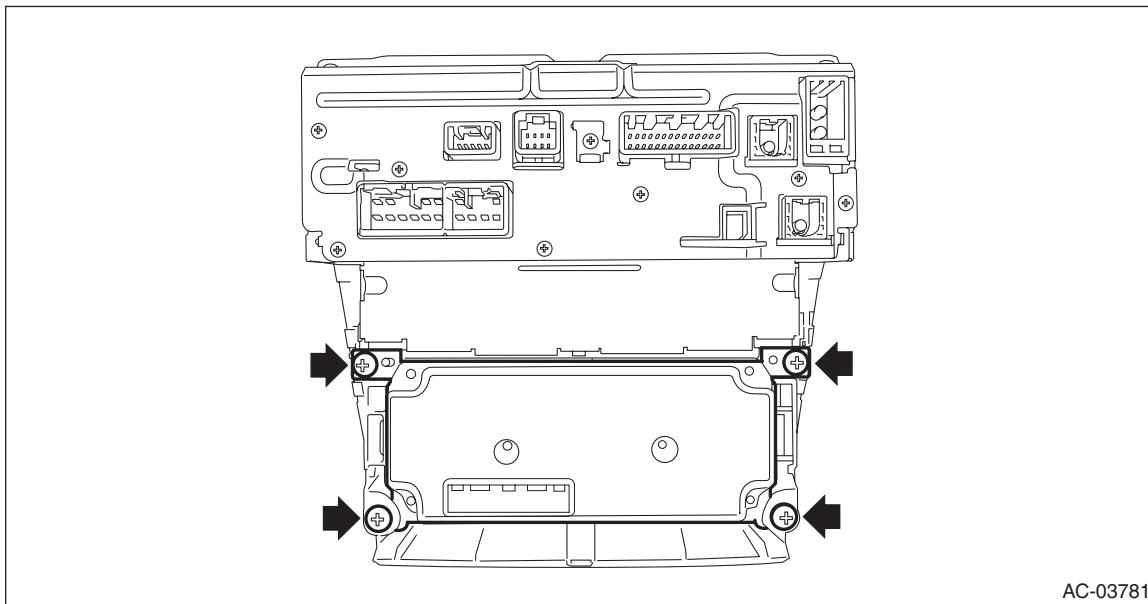
2) Remove the cover assembly - instrument panel LWR driver and the knee airbag module. <Ref. to AB-34, REMOVAL, Knee Airbag Module.>

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.



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.

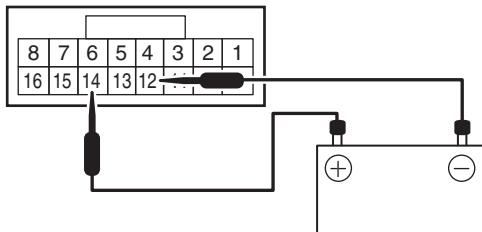
Install each part in the reverse order of removal.

C: INSPECTION

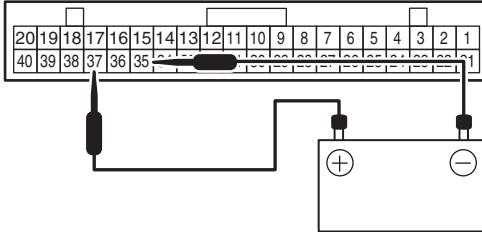
1. CHECK ILLUMINATION

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	 AC-02733

- Auto A/C model

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

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

Control Panel

HVAC SYSTEM (HEATER, VENTILATOR AND A/C)

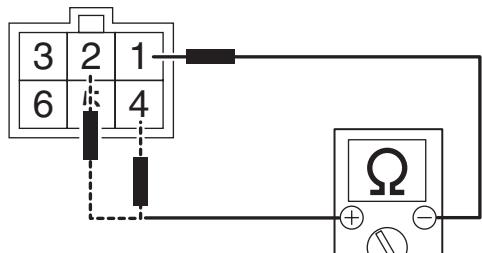
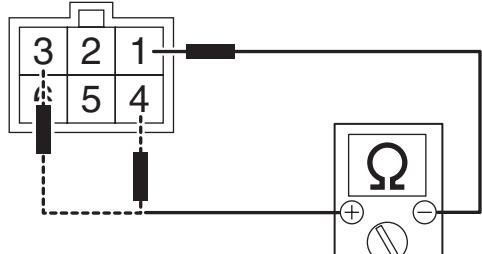
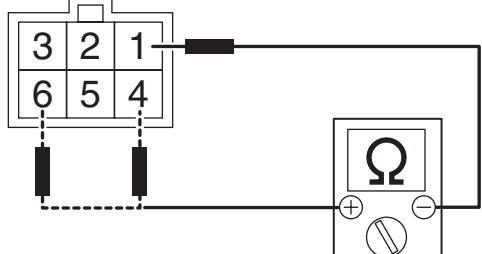
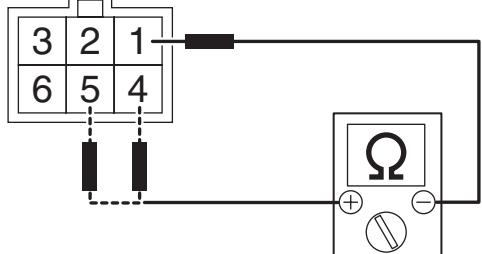
2. BLOWER SWITCH (MANUAL A/C MODEL)

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 Ω	 AC-02798
1 — 3, 4	2 (M1)	Less than 1 Ω	 AC-02799
1 — 4, 6	3 (M2)	Less than 1 Ω	 AC-02800
1 — 4, 5	4 (HI)	Less than 1 Ω	 AC-02801

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