

## 17. Instrument Panel Assembly

### A: REMOVAL

#### CAUTION:

Take care of the following when removing the instrument panel from the vehicle body.

- Refer to "CAUTION" of "General Description" before starting the work. <Ref. to AB-4, CAUTION, General Description.>
- Be sure to disconnect each harness connector. Applying excessive pulling force may damage the harness.
- Be careful to the harness of airbag system. Damage of the harness may cause the air bag system malfunction.
- Take care not to damage the interior trims when removing the instrument panel from the vehicle body.

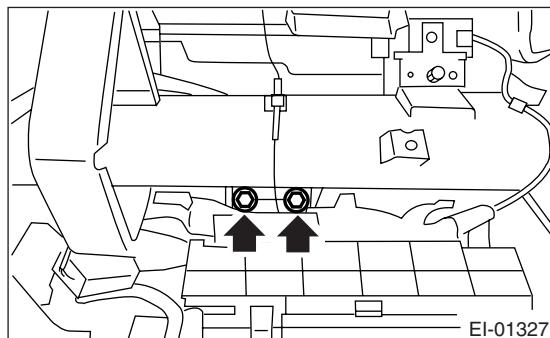
#### NOTE:

- Putting alignment marks to each connector as necessary facilitates the reassembly work.
- When storing the removed instrument panel, be sure to prepare a table or the like to put the instrument panel on in order to prevent damage.

### 1. INSTRUMENT PANEL UPPER

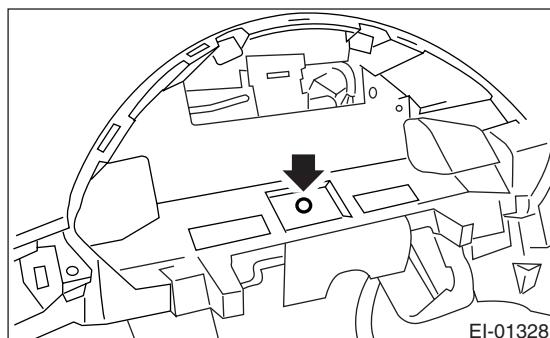
- 1) Disconnect the ground cable from battery and wait for at least 20 seconds before starting work.
- 2) Remove the console box. <Ref. to EI-38, REMOVAL, Console Box.>
- 3) Remove the instrument panel lower cover. <Ref. to EI-36, REMOVAL, Instrument Panel Lower Cover.>
- 4) Remove the glove box. <Ref. to EI-37, REMOVAL, Glove Box.>
- 5) Remove the center console. <Ref. to EI-39, REMOVAL, Center Console.>
- 6) Remove the audio unit. <Ref. to ET-14, REMOVAL, Audio.>
- 7) Remove the combination meter assembly. <Ref. to IDI-11, REMOVAL, Combination Meter.>
- 8) Remove the upper grille. <Ref. to AC-46, UPPER GRILL, REMOVAL, Air Vent Grille.>
- 9) Remove the multi function display or navigation monitor, and warning box. <Ref. to ET-22, REMOVAL, Navigation Display.>
- 10) Remove the front pillar upper trim. <Ref. to EI-43, REMOVAL, Side Trim.>

- 11) Remove the mounting bolts of the passenger's side air bag module.

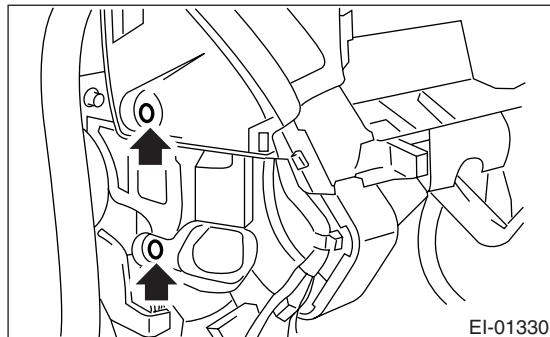


- 12) Remove the following screws.

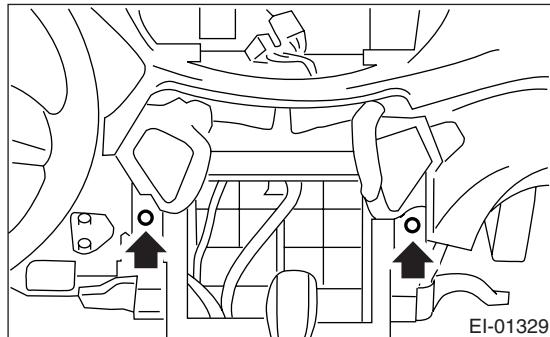
- In combination meter house



- At the sides (left and right) of instrument panel



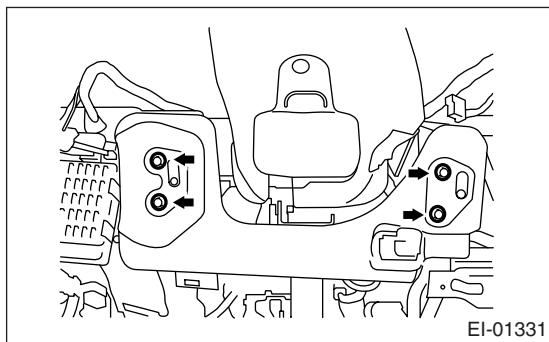
- Instrument panel center



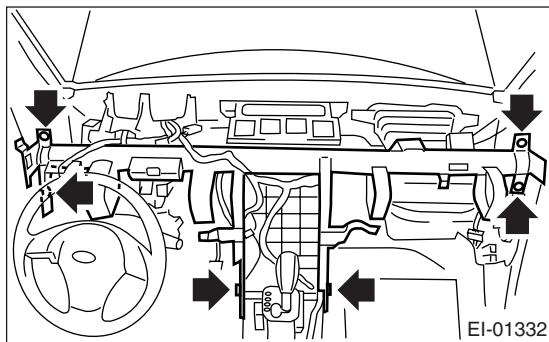
- 13) Make sure that the instrument panel upper is removed from the steering support beam
- 14) Disconnect the connectors, and remove the instrument panel from vehicle body.
- 15) Remove the heater vent duct. <Ref. to AC-48, REMOVAL, Heater Vent Duct.>
- 16) Remove the air vent grille. <Ref. to AC-46, REMOVAL, Air Vent Grille.>
- 17) Remove the passenger airbag module. <Ref. to AB-16, REMOVAL, Passenger's Airbag Module.>

## 2. STEERING SUPPORT BEAM

- 1) Remove the instrument panel upper.
- 2) Remove the bolts, and then remove the knee guard plate.



- 3) Remove the steering shaft from the steering support beam. <Ref. to PS-15, REMOVAL, Tilt Steering Column.>
- 4) Remove the bolts and remove the steering support beam.



## 3. INSTRUMENT PANEL ASSEMBLY

- 1) Disconnect the ground cable from battery and wait for at least 20 seconds before starting work.
- 2) Remove the console box. <Ref. to EI-38, REMOVAL, Console Box.>
- 3) Remove the instrument panel lower cover. <Ref. to EI-36, REMOVAL, Instrument Panel Lower Cover.>
- 4) Remove the glove box. <Ref. to EI-37, REMOVAL, Glove Box.>
- 5) Remove the center console. <Ref. to EI-39, REMOVAL, Center Console.>
- 6) Remove the front pillar upper trim. <Ref. to EI-43, REMOVAL, Side Trim.>
- 7) Remove the steering shaft from the steering support beam. <Ref. to PS-15, REMOVAL, Tilt Steering Column.>
- 8) Disconnect the connectors, and remove the instrument panel from vehicle body.
- 9) Remove the bolts and remove the steering support beam.

### NOTE:

For positions of the mounting bolt of steering support beam, refer to the removal procedure of the steering support beam.

- 10) Make sure that the each harness connector is disconnected, and remove the instrument panel assembly from the vehicle body.

### NOTE:

Remove the passenger's side door trim to facilitate the work.

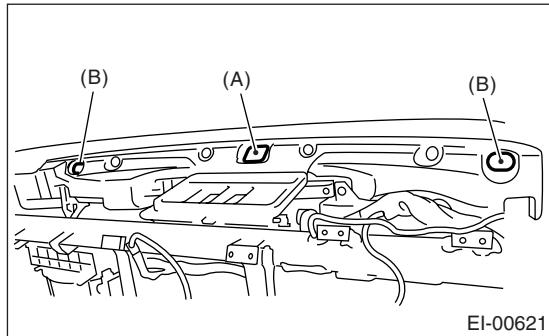
# Instrument Panel Assembly

## EXTERIOR/INTERIOR TRIM

### B: INSTALLATION

#### 1. INSTRUMENT PANEL UPPER

- 1) Insert the matching pins (three places) on the instrument panel tip into the grommet (A) and (B) on the body panel side.



- 2) Check that the matching pins are inserted securely, and then route the harness.
- 3) Tighten the instrument panel with screws, and recheck the installation condition of instrument panel and harness routing.
- 4) Install in the reverse order of removal.

#### NOTE:

How to install insulator and pad;

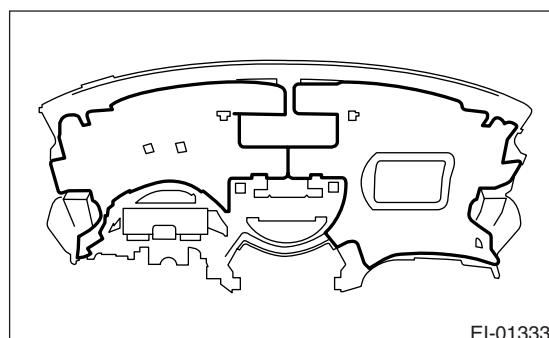
- Adhesive

Use polyurethane adhesive. When assembling the instrument panel assembly, wait until the adhesive has evaporated to prevent filling of the smell in the compartment.

- Double-sided tape

Use commercial double-sided tape. (Use strong double-sided adhesive tape.)

- Install locations



#### 2. STEERING SUPPORT BEAM

- 1) Temporarily tighten the steering support beam with bolts, and then route the harness.
- 2) Make sure that there is no mutual interference in each pedal, and then tighten each bolt.

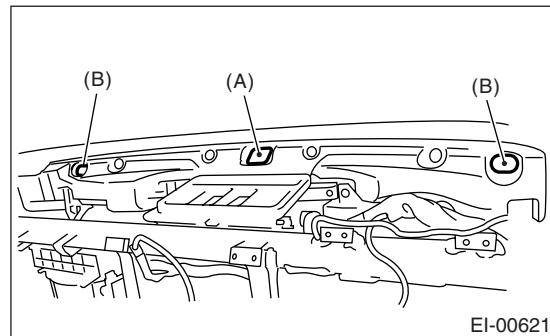
#### *Tightening torque:*

**25 N·m (25.5 kgf·m, 18 ft·lb)**

- 3) Install in the reverse order of removal.

#### 3. INSTRUMENT PANEL ASSEMBLY

- 1) Insert the matching pins (three places) on the instrument panel tip into the grommet (A) and (B) on the body panel side.



- 2) Check that the matching pins are inserted securely, and then route the harness.
- 3) Temporarily tighten the steering support beam with bolts, and then route the harness.
- 4) Make sure that there is no mutual interference in each pedal, and then tighten each bolt.

#### *Tightening torque:*

**25 N·m (25.5 kgf·m, 18 ft·lb)**

- 5) Install in the reverse order of removal.