

## 20. Instrument Panel Assembly

### A: REMOVAL

#### CAUTION:

Be careful not to damage the airbag system harness when servicing the instrument panel. Damage may cause the system to malfunction.

#### NOTE:

- Remove the instrument panel assembly and the beam COMPL - steering as a unit.
- For models with power amplifier, remove the front seat assembly LH and turn over the floor mat before disconnecting the power amplifier harness.

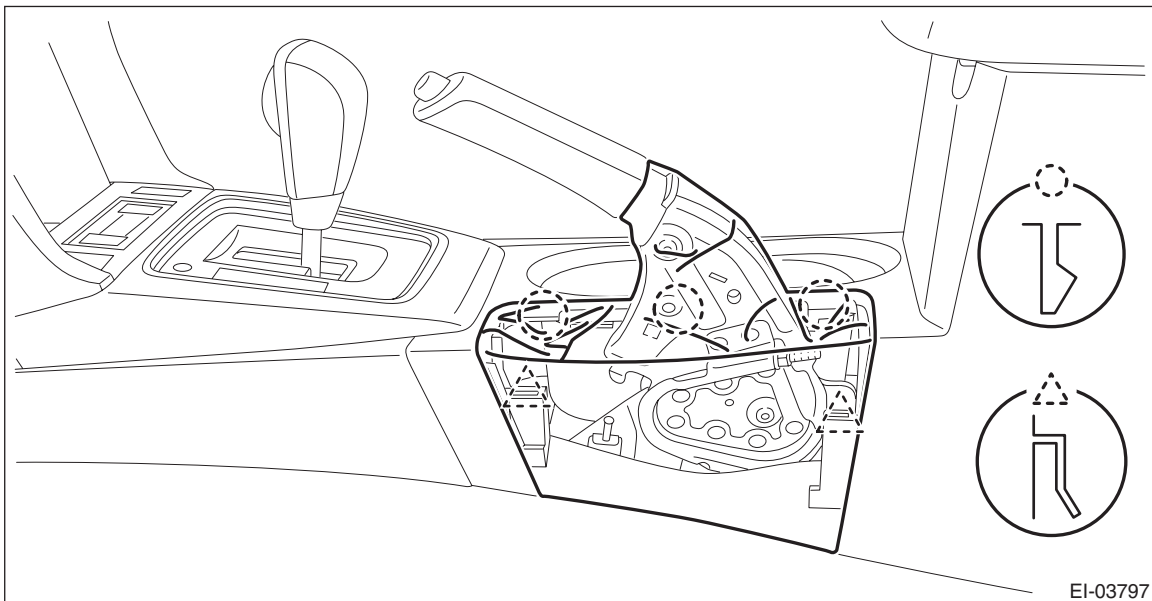
1) Disconnect the ground cable from battery.

#### NOTE:

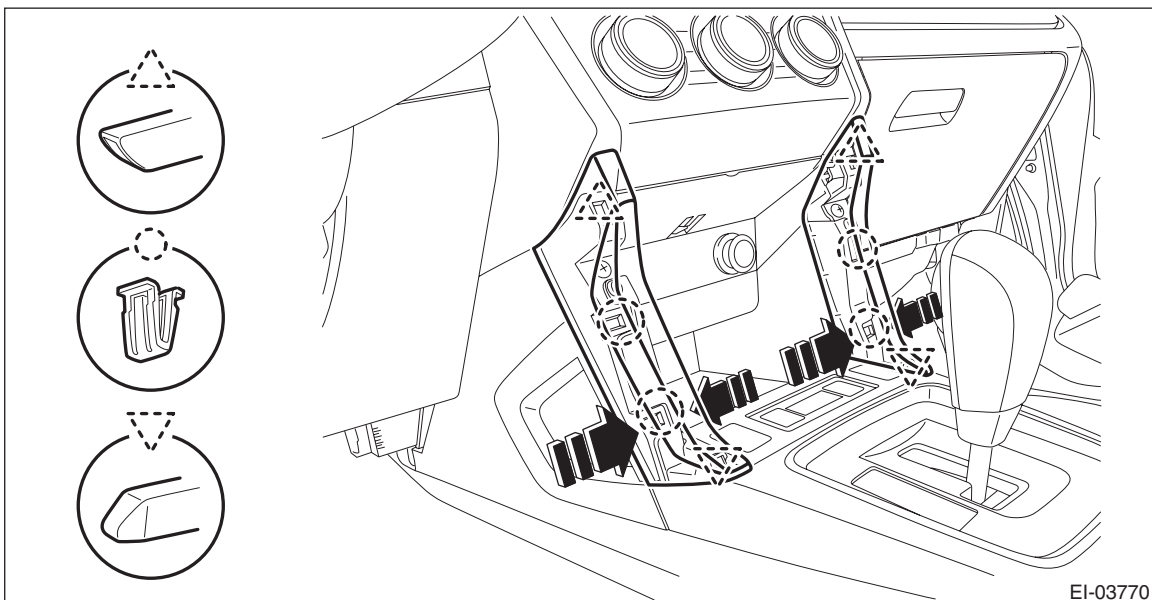
On CVT models, shift the select lever into "N" before disconnecting the battery ground cable.

2) Remove the console box assembly.<Ref. to EI-65, REMOVAL, Console Box.>

3) Release the claws, and then remove the boot - hand brake.



4) Release the clips, and remove the ornament panel - console.



# Instrument Panel Assembly

## EXTERIOR/INTERIOR TRIM

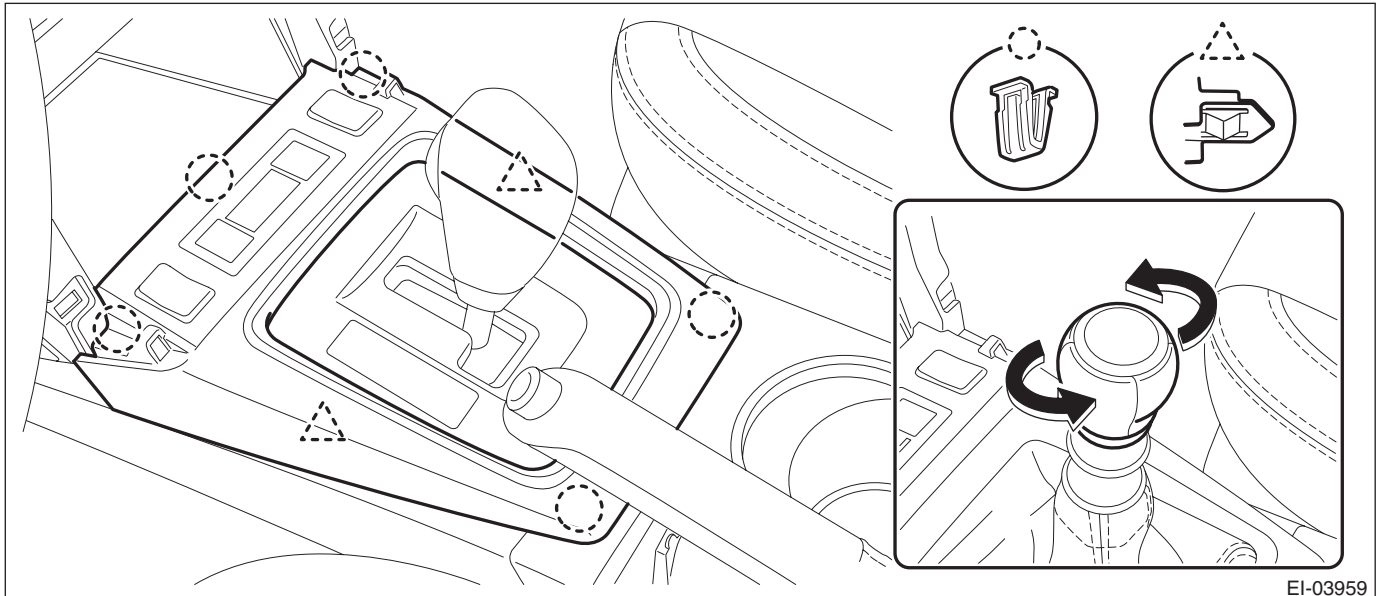
### NOTE:

Removal is easier if you grab the arrow sections from right and left and pull them at the same time.

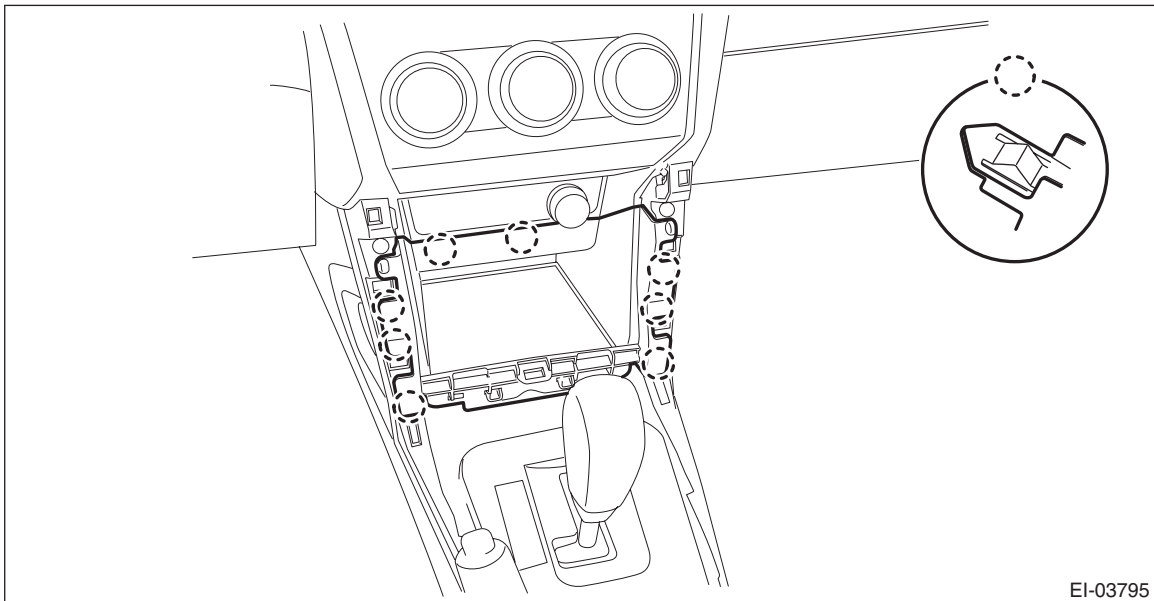
5) Remove the cover - shift lever.

(1) Remove the shift knob. (MT model)

(2) Release the clips and claws, then pull up the cover - shift lever.

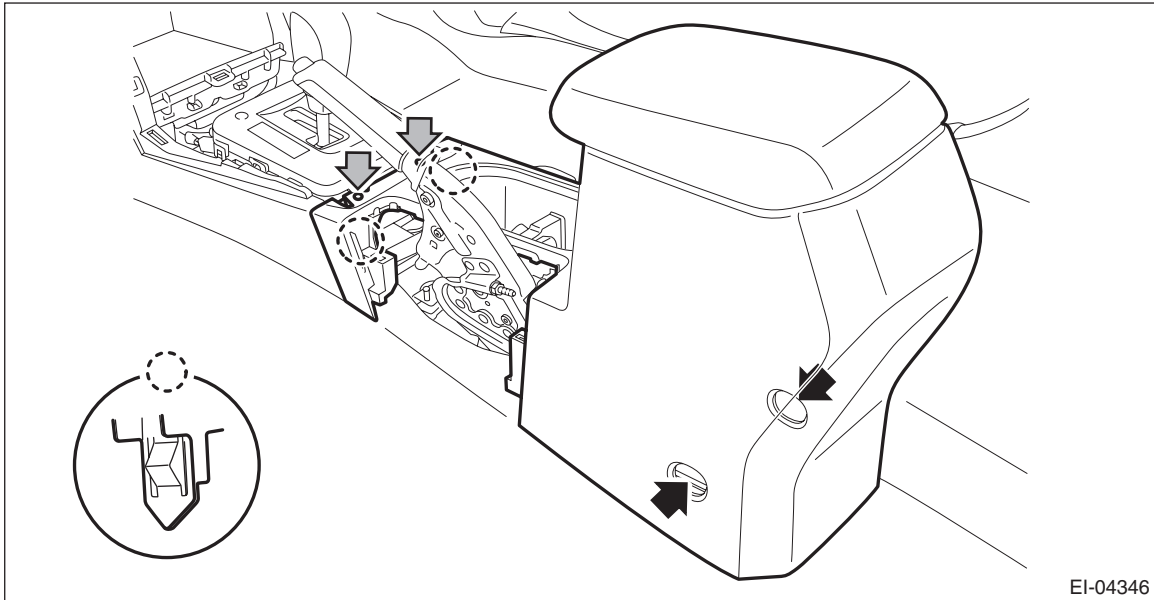


6) Release the claws, and remove the tray assembly - CTR LWR.



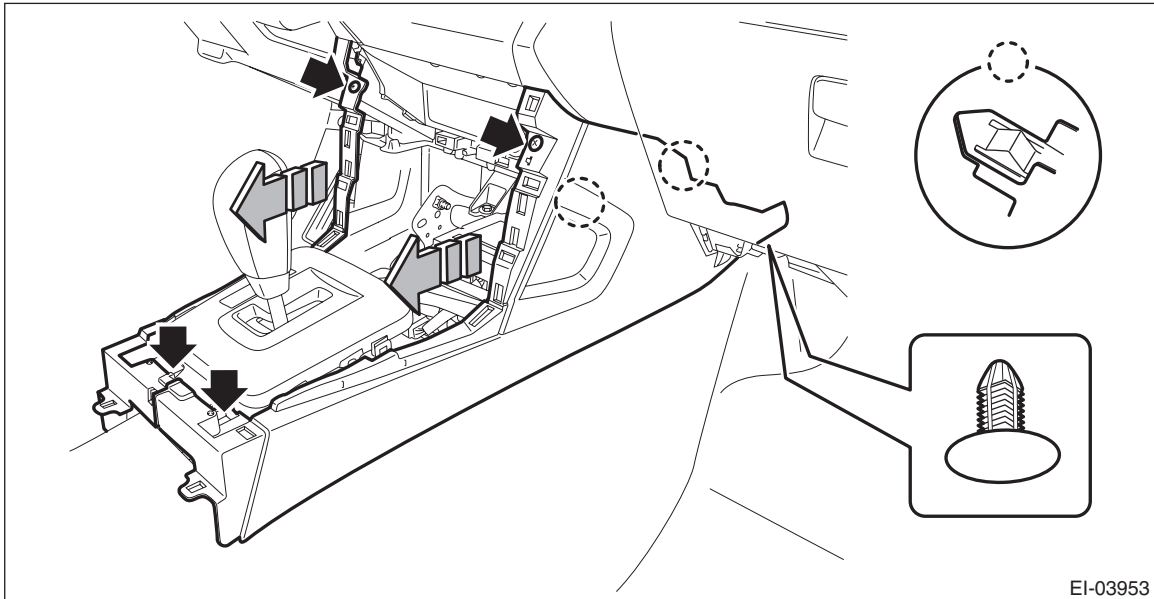
7) Remove the console box assembly.

- (1) Move the seat forward, and remove the bolts after detaching the left and right caps.
- (2) Remove the screws and release the claws, then disconnect the harness connector and remove the console box assembly.



8) Remove the left and right panel center LWR.

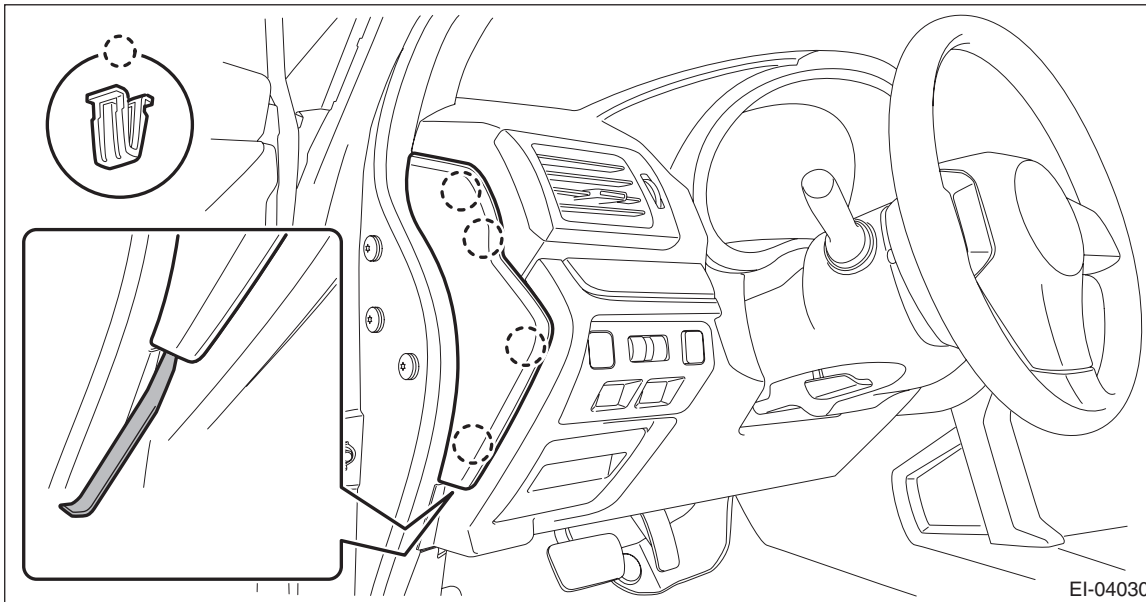
- (1) Remove the screws and clips.
- (2) Release the claws, and then pull the panel center LWR to remove.



## Instrument Panel Assembly

### EXTERIOR/INTERIOR TRIM

9) Remove the clips, and remove the cover - instrument panel side LH.



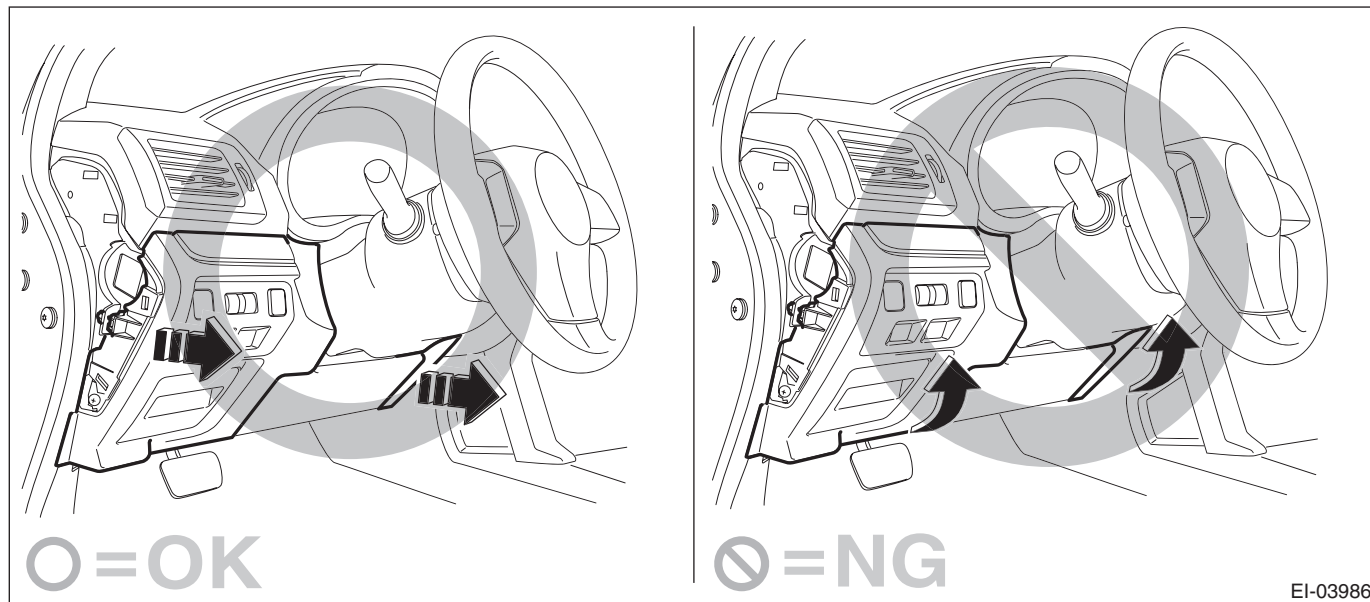
#### NOTE:

Using a plastic remover, open the cover - instrument panel side LH.

10) Remove the cover assembly - instrument panel LWR driver INN and OUT.

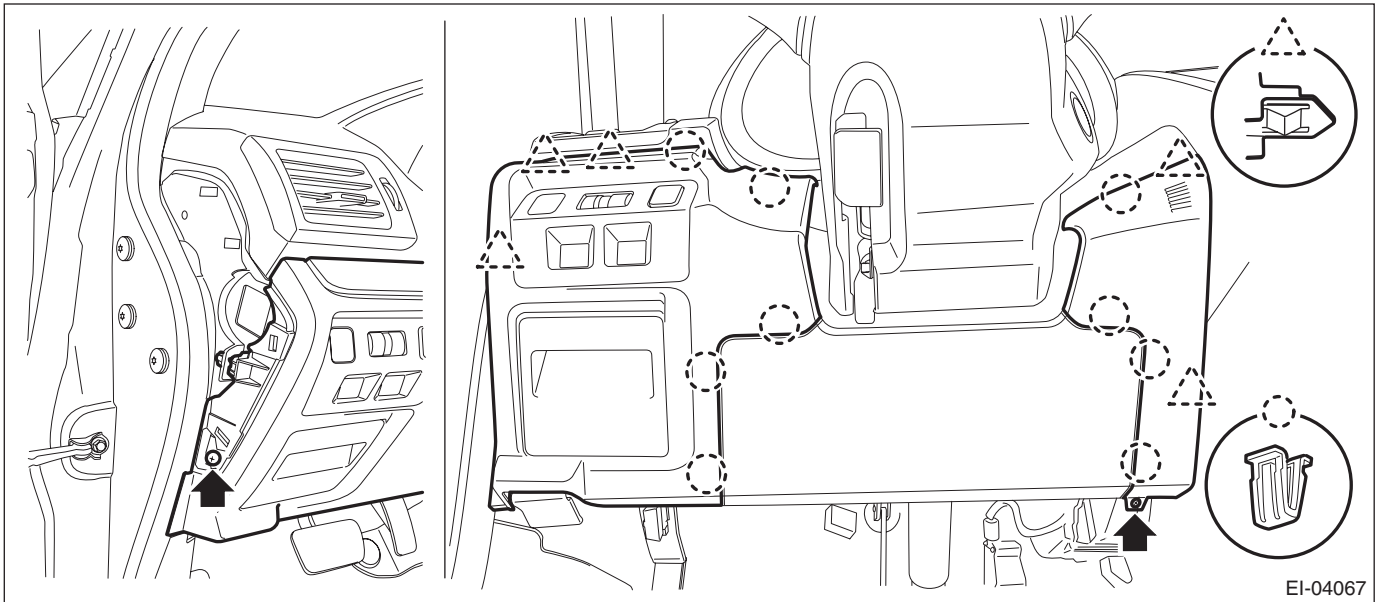
#### CAUTION:

**When removing the cover assembly - instrument panel LWR driver, be sure to pull it toward you. If attempting to remove by turning it upward, the claws may be damaged.**



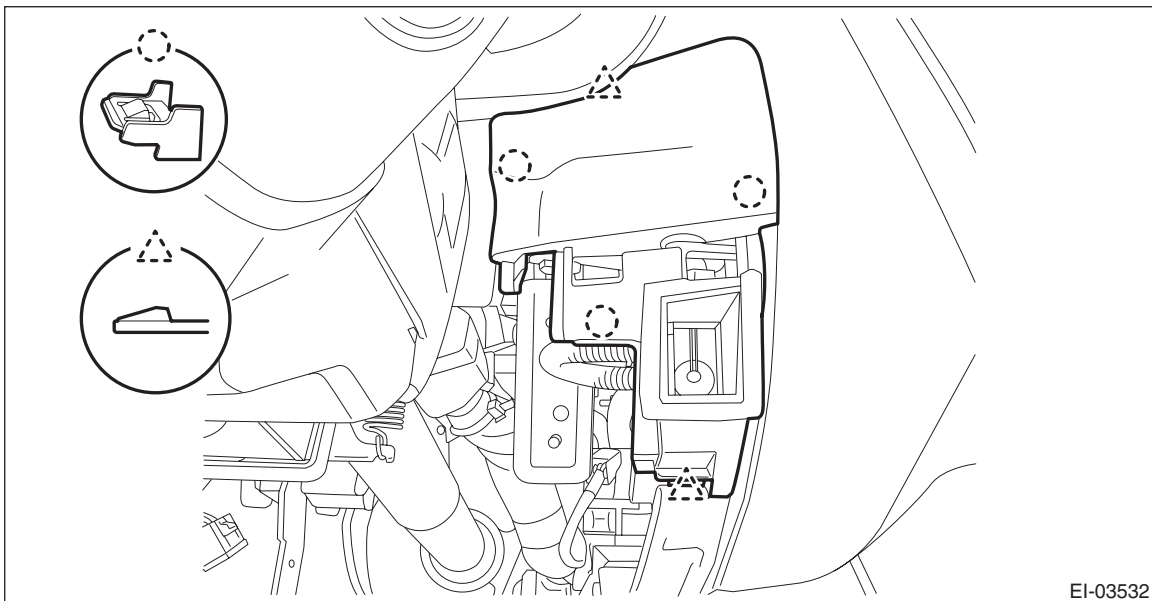
(1) Remove the screws and release the clips and claws.

- (2) Disconnect the harness connectors, and remove the cover assembly - instrument panel LWR driver INN and OUT.



11) Remove the cover switch - starter. (Model without keyless access)

- (1) Release the claws and remove the cover switch - starter.  
(2) Disconnect the connector and aspirator hose.

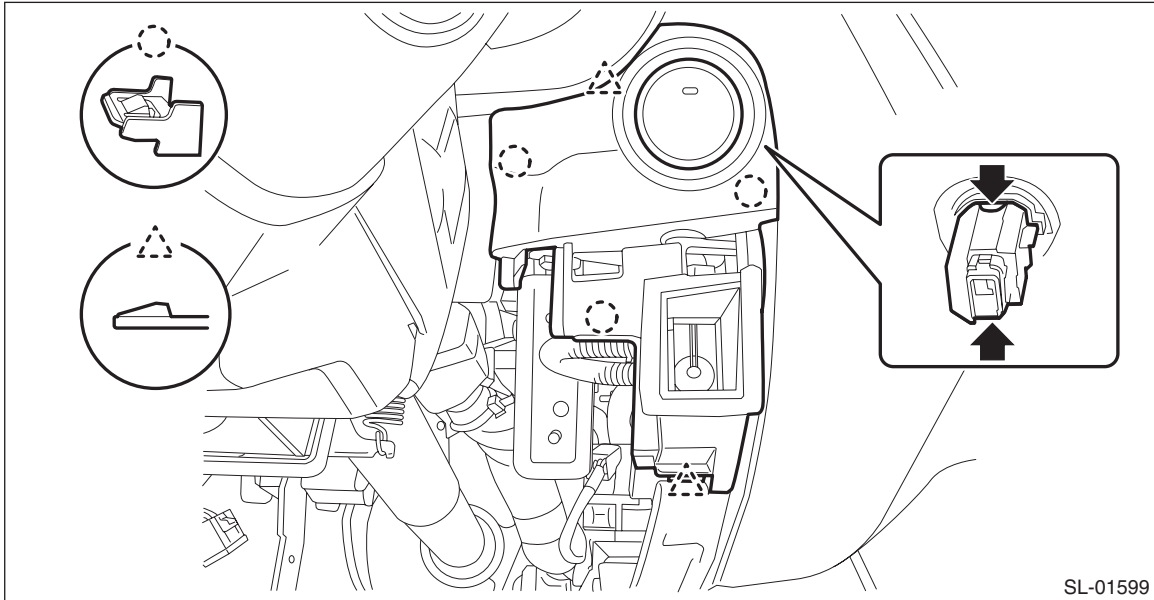


# Instrument Panel Assembly

## EXTERIOR/INTERIOR TRIM

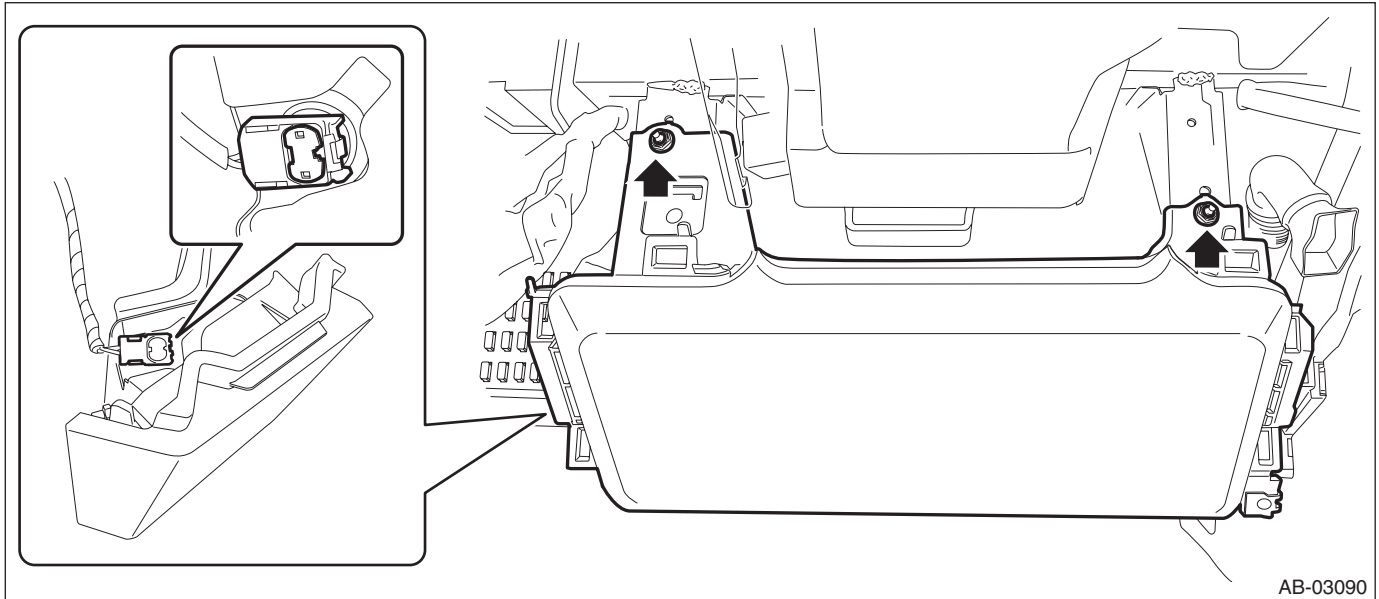
### 12) Remove the panel - switch. (Model with keyless access)

- (1) Release the claws of the push button ignition switch, and disconnect the connector.
- (2) Release the claws, and then remove the panel - switch.
- (3) Disconnect the connector and aspirator hose.



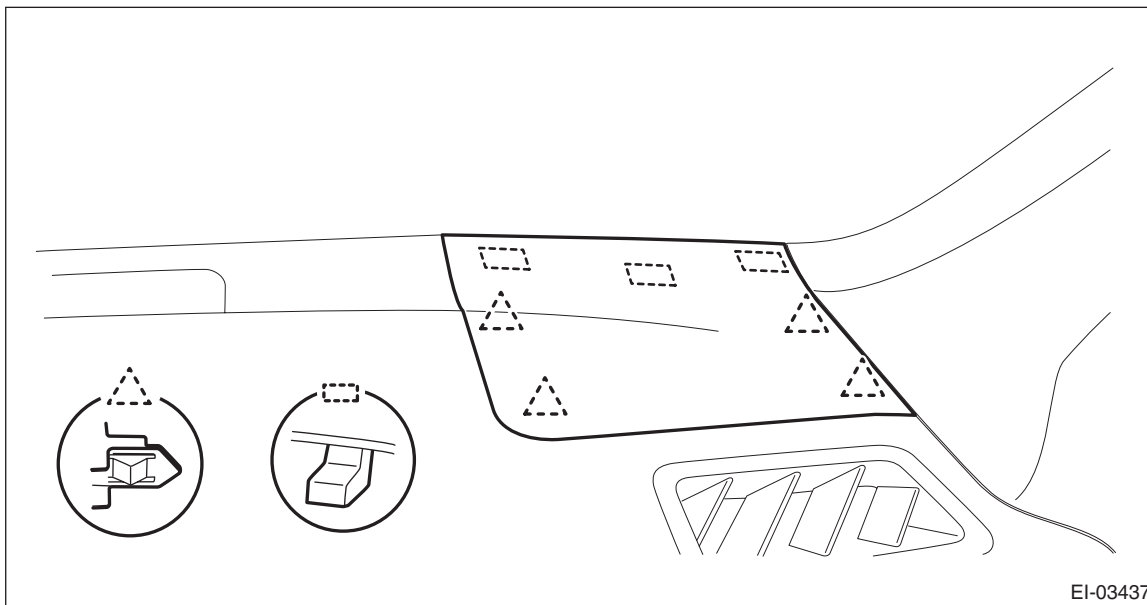
SL-01599

### 13) Remove the nuts to remove the knee airbag module and disconnect the harness connector. (Model with knee airbag)<Ref. to AB-22, DRIVER'S AIRBAG MODULE, KNEE AIRBAG MODULE, CURTAIN AIRBAG MODULE AND PRETENSIONER, PROCEDURE, Airbag Connector.>



AB-03090

14) Release the clips and claws, then detach the left and right grille speaker side.



**NOTE:**

Remove the grille speaker side by using a plastic remover.

15) Remove the trim panel - front pillar UPR on the left and right sides.

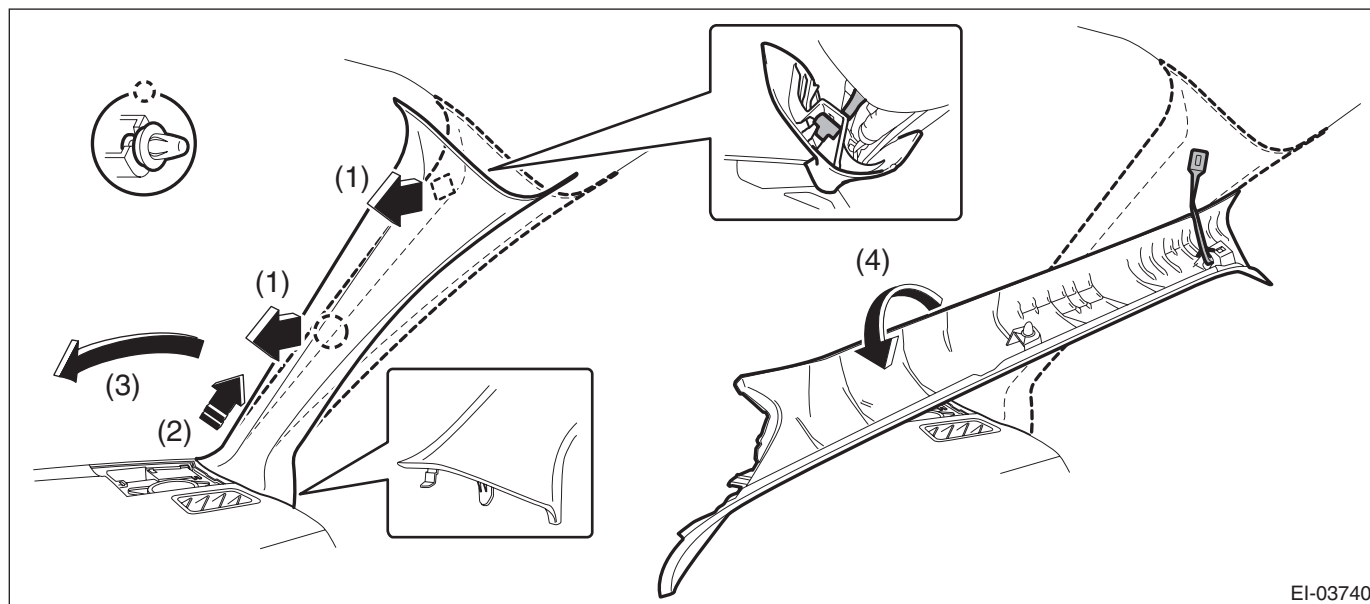
**CAUTION:**

**Be careful not to damage the trim panel surface and curtain airbag module.**

- (1) Pull the trim panel - front pillar UPR towards the center of the vehicle to release the clips.
- (2) Pull out the end portion of the trim panel - front pillar UPR.
- (3) Pull out the trim panel - front pillar UPR towards the center of the vehicle.
- (4) Rotate the trim panel - front pillar UPR, release the tether clips, and remove the trim panel - front pillar UPR.

**CAUTION:**

**Do not use tools when releasing the tether clip. If the tether clip is damaged, replace it with a new tether clip.**



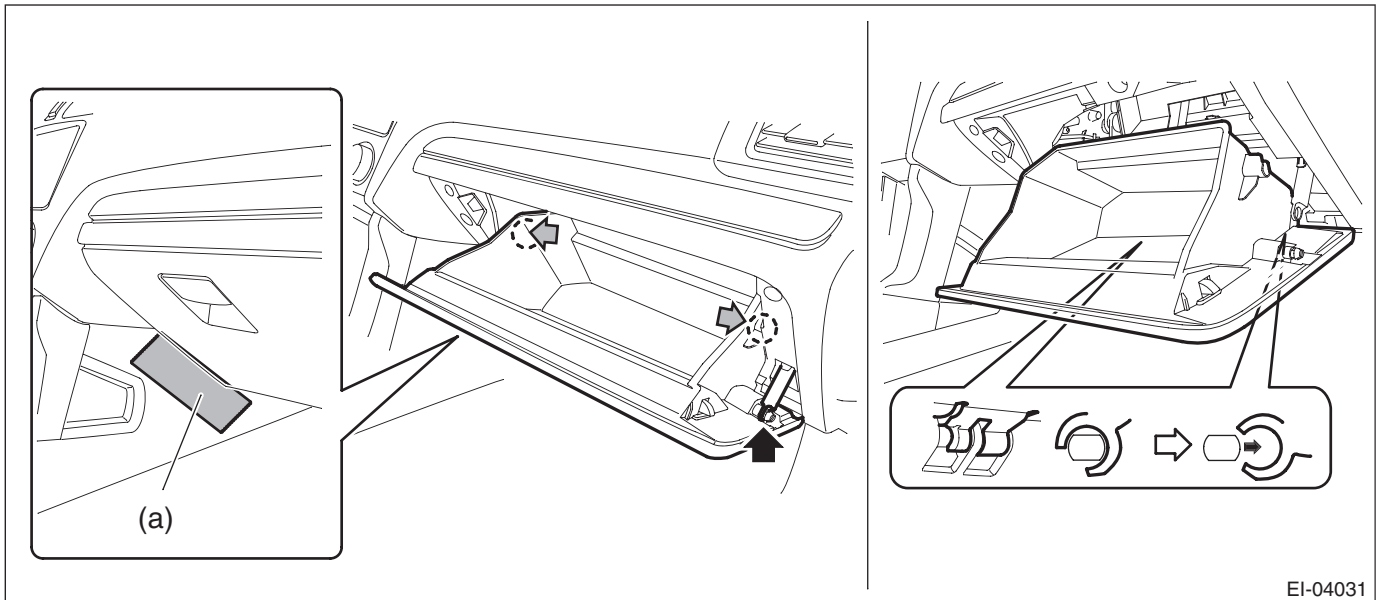


# Instrument Panel Assembly

## EXTERIOR/INTERIOR TRIM

### 16) Remove the pocket assembly.

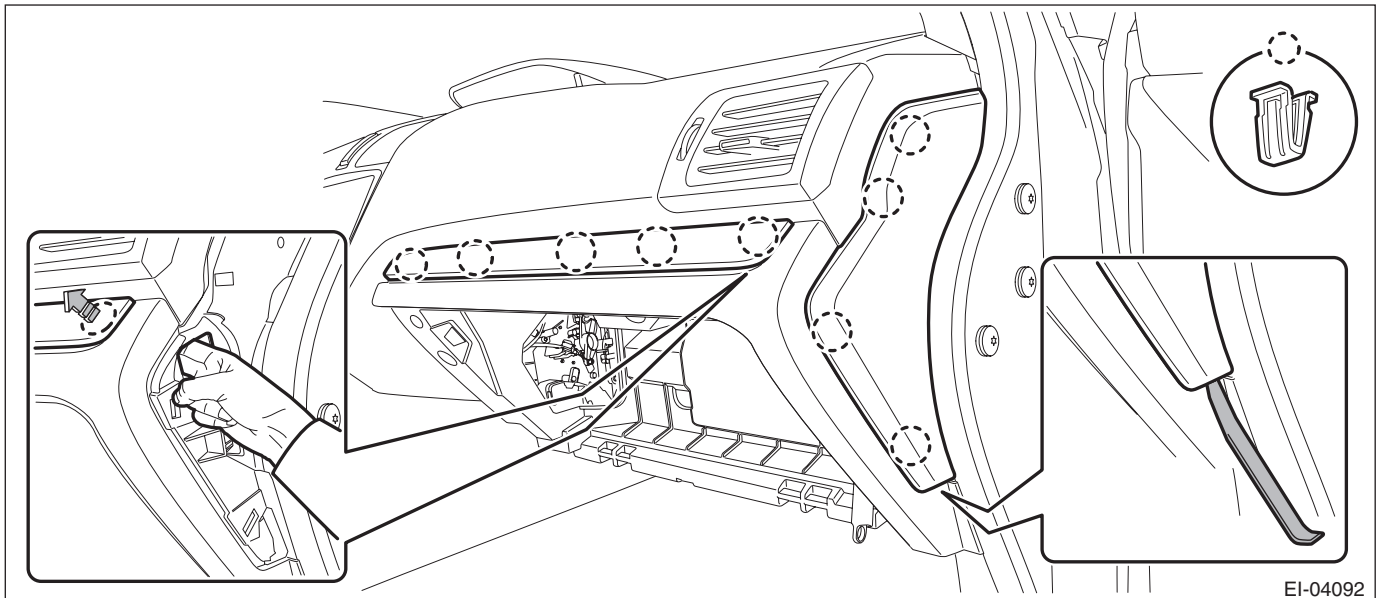
- (1) Attach the protective tape (a) to the panel center LWR.
- (2) Remove the damper complete - pocket.
- (3) Release the stoppers and remove the pocket assembly by pulling it toward you.



EI-04031

### 17) Remove the back panel - pocket.

- (1) Release the clips, and remove the ornament - panel assembly passenger.



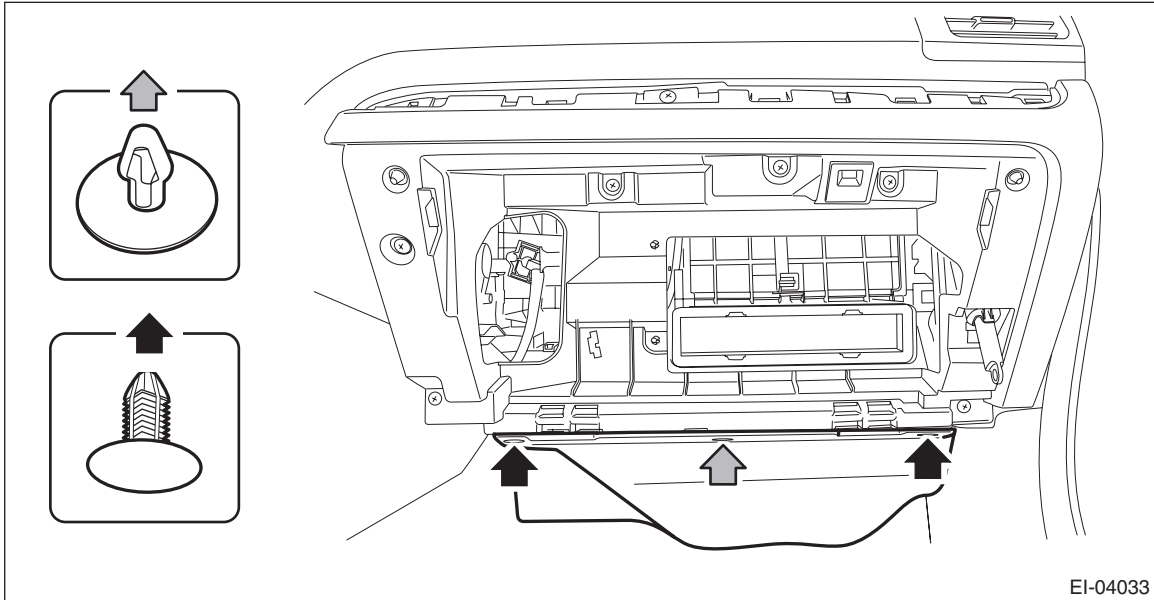
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### NOTE:

To facilitate the removal, push the clip of the ornament - panel assembly passenger from the backside.



- (2) Release the clips, and remove the glove box under cover.

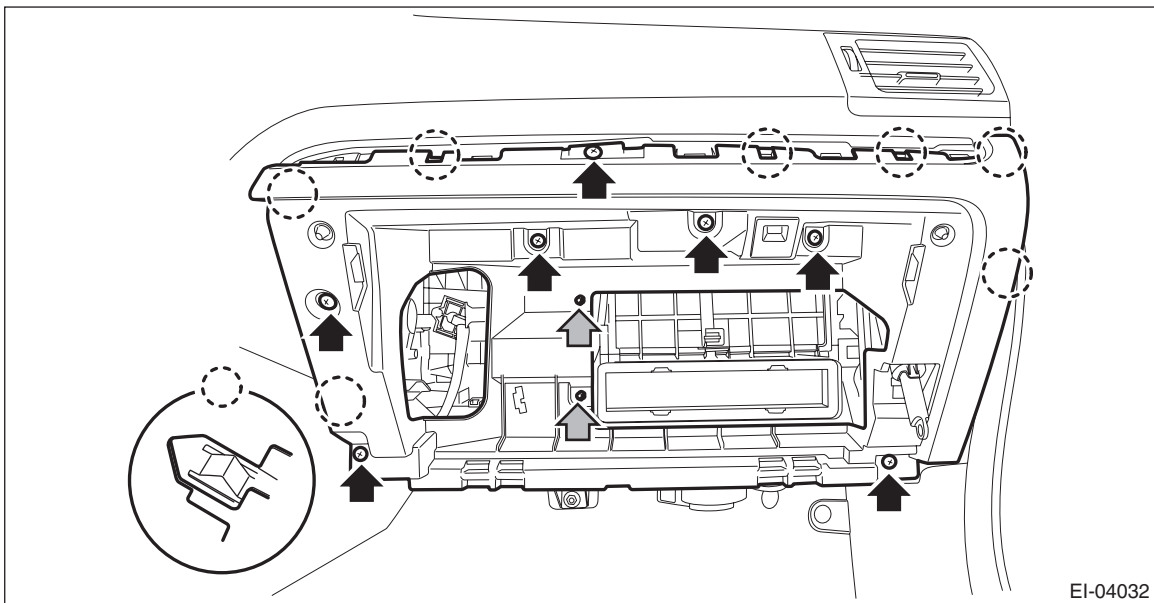


- (3) Remove the clips, and remove the cover - instrument panel side RH.

**NOTE:**

Remove the cover - instrument panel side RH by using a plastic remover.

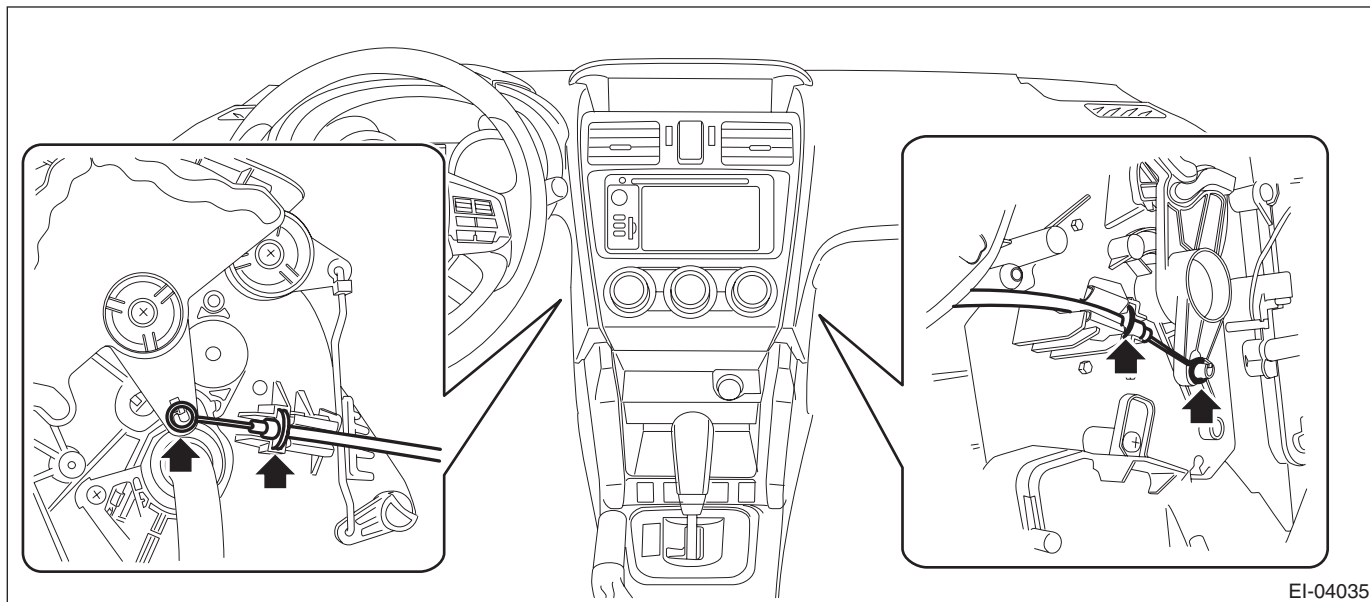
- (4) Remove the screws, claws and harness clamp, then remove the back panel - pocket.



## Instrument Panel Assembly

### EXTERIOR/INTERIOR TRIM

18) On manual A/C models, disconnect the control cables from both sides of the heater & cooling unit.

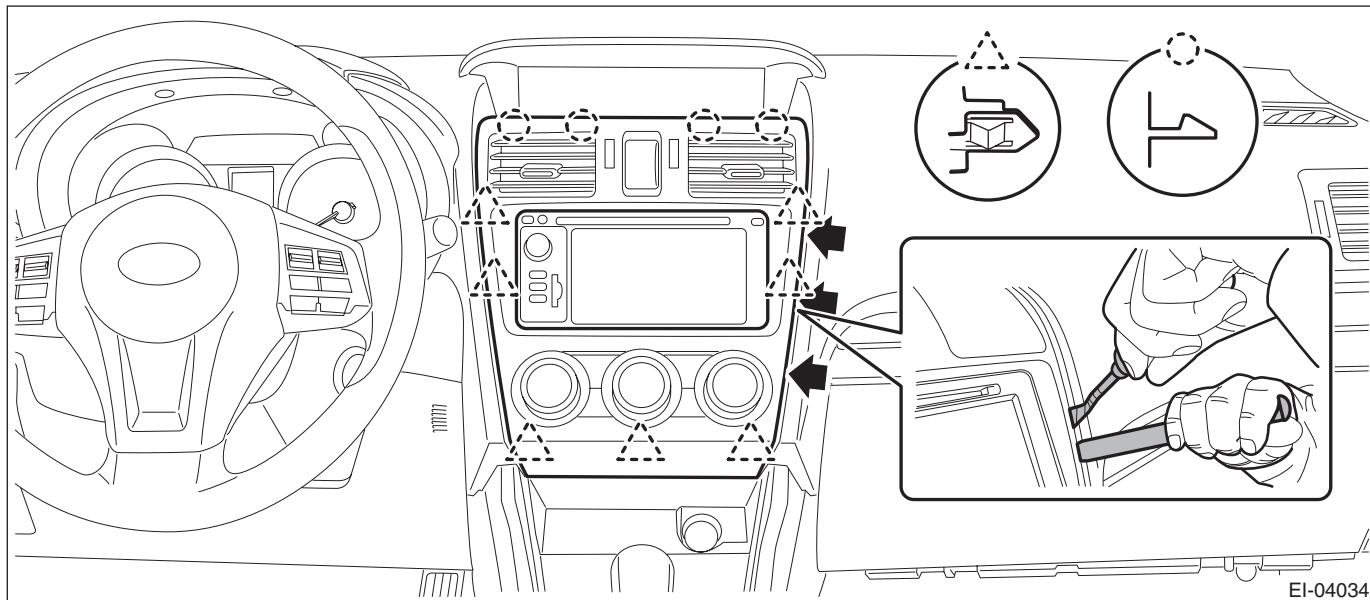


19) Remove the panel center assembly.

#### CAUTION:

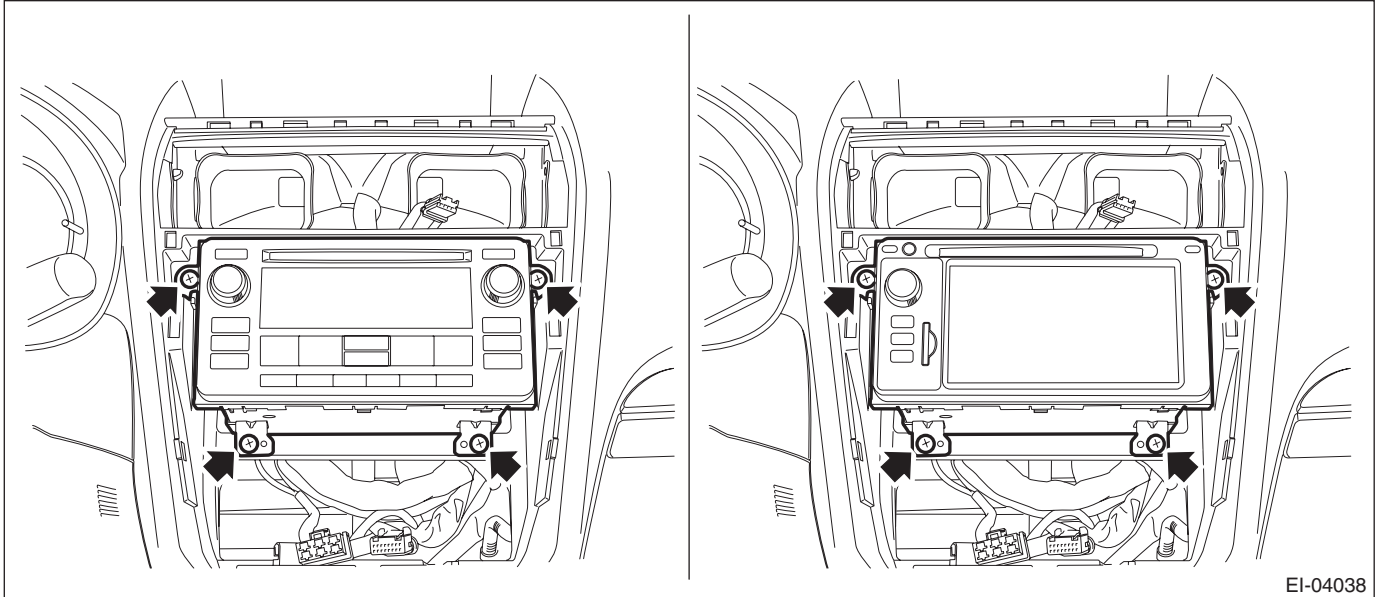
- Do not put your finger on the fin of the air vent grille. Doing so may damage the fin.
- Pull the panel center assembly slowly. Pulling with excessive force may damage the connector on the back.

- (1) Insert a plastic remover to the three areas shown by the arrows, and slightly lift up the panel center assembly.
- (2) With the panel center assembly lifted up slightly, release the claw by using a clip remover wrapped with protective tape.
- (3) Release the rest of the claws, and pull out the panel center assembly.
- (4) Disconnect the connectors, and remove the panel center assembly.



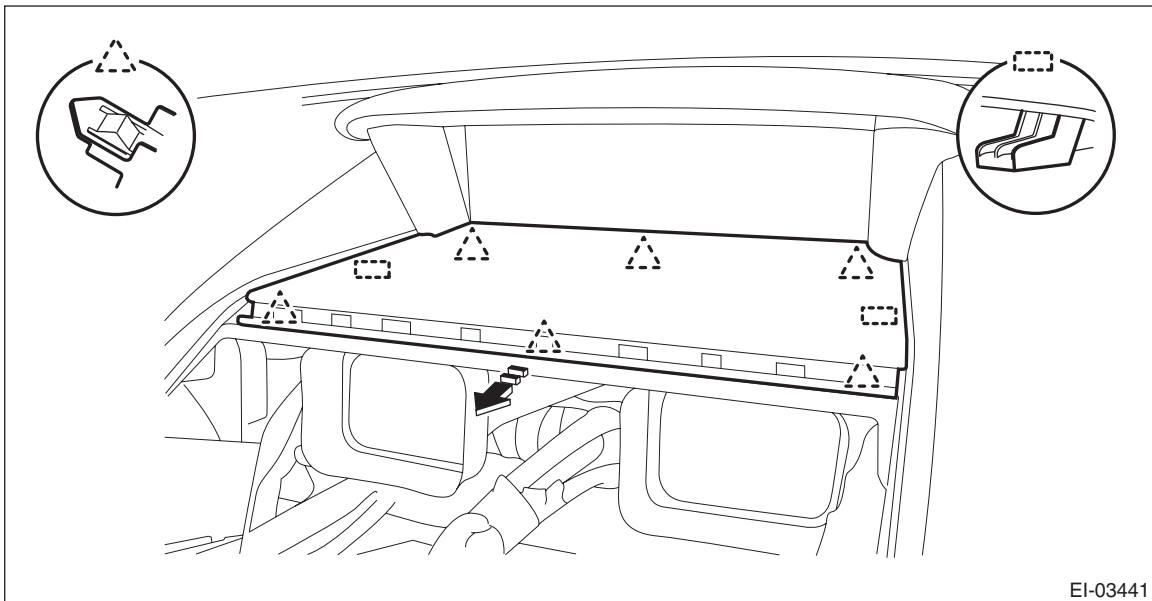
20) Remove the audio assembly or navigation assembly.

- (1) Remove the screws, and partially pull out the audio assembly or navigation assembly.
- (2) Disconnect the connectors, and remove the audio assembly or navigation assembly.



21) Remove the multi-function display assembly.

- (1) Disconnect the claws and then remove the cover center UPR.



**NOTE:**

Lightly push up the back of the cover center UPR, hook the finger to the end portion and pull it toward you to remove it.

- (2) Release the claws and then remove the panel - display UPR and the panel - display LWR.

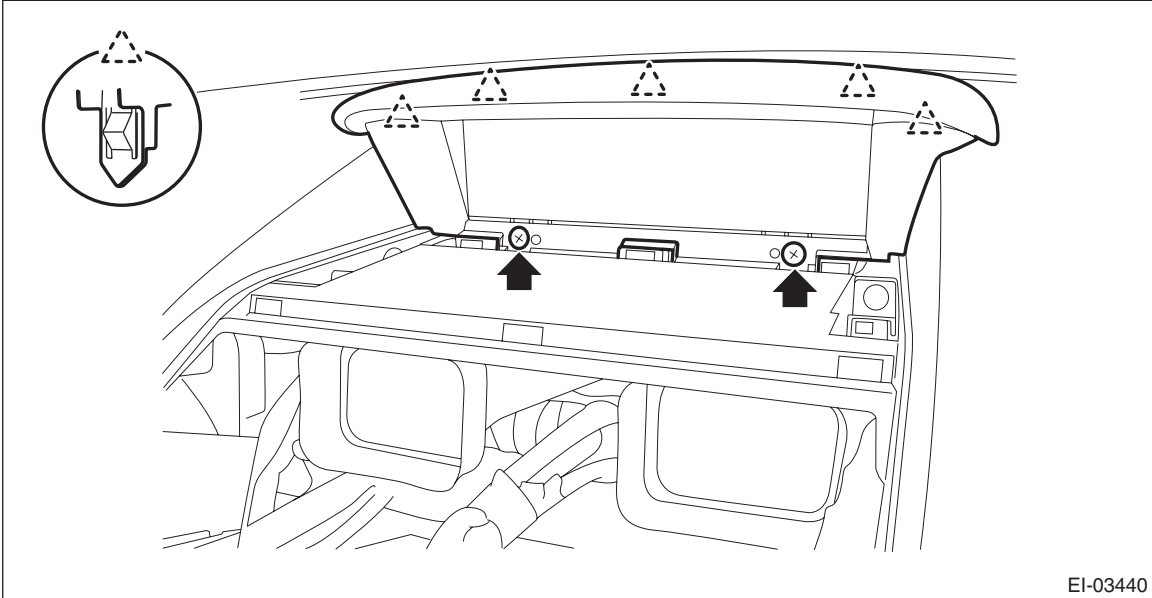
**NOTE:**

Remove the panel - display UPR & panel - display LWR and the multi-function display assembly as a unit.

# Instrument Panel Assembly

## EXTERIOR/INTERIOR TRIM

(3) Disconnect the connector and remove the multi-function display assembly.

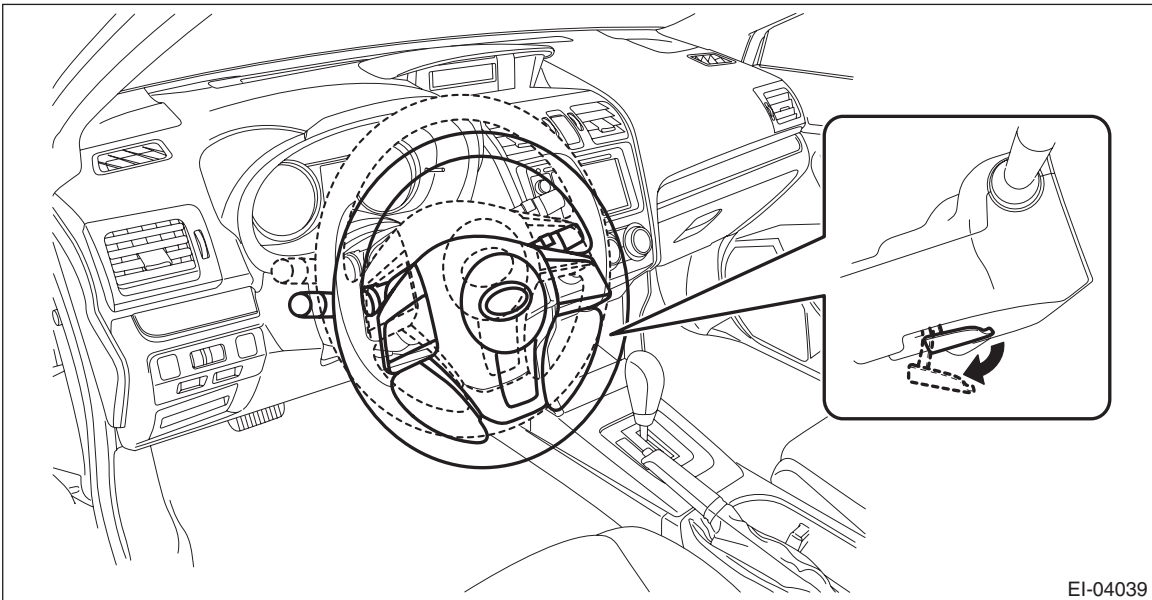


22) Remove the combination meter assembly.

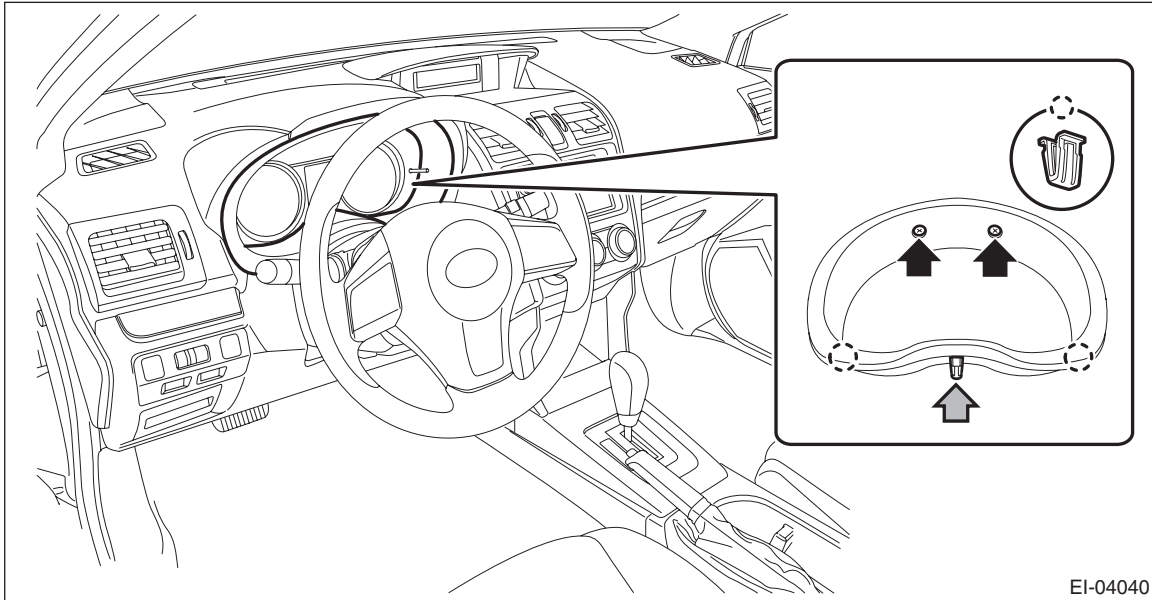
### CAUTION:

- Be careful not to damage the meter or instrument panel.
- Pay particular attention to avoid damaging the meter glass.

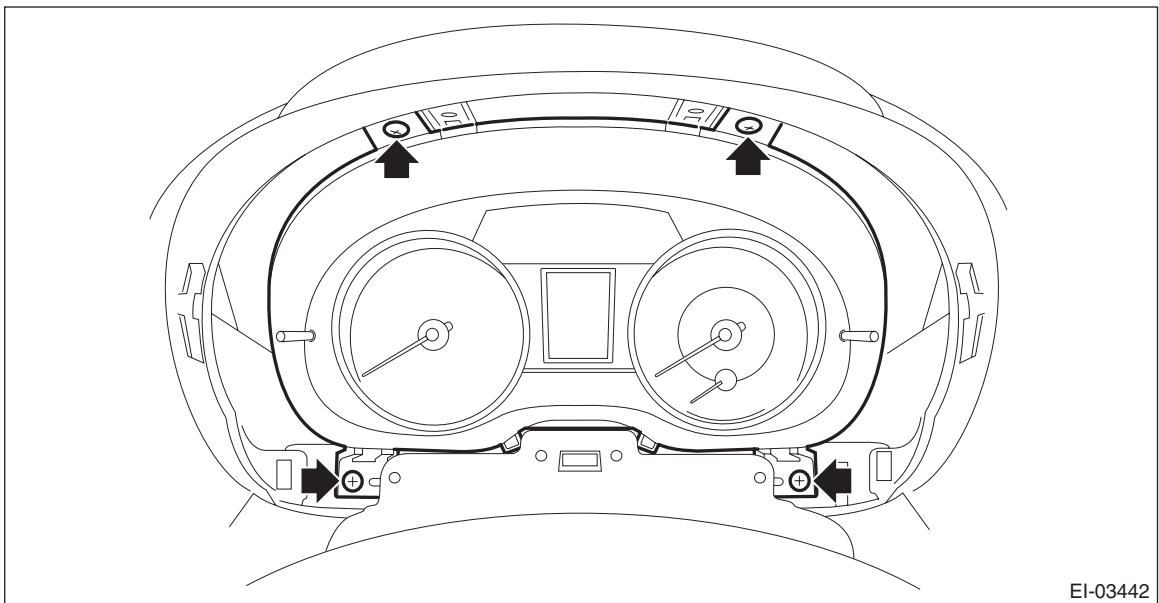
(1) Release the lock, tilt the steering column to the lowest end and fully extend the column by the telescopic system.



- (2) Release the screws and clips, then detach the visor - combination meter.



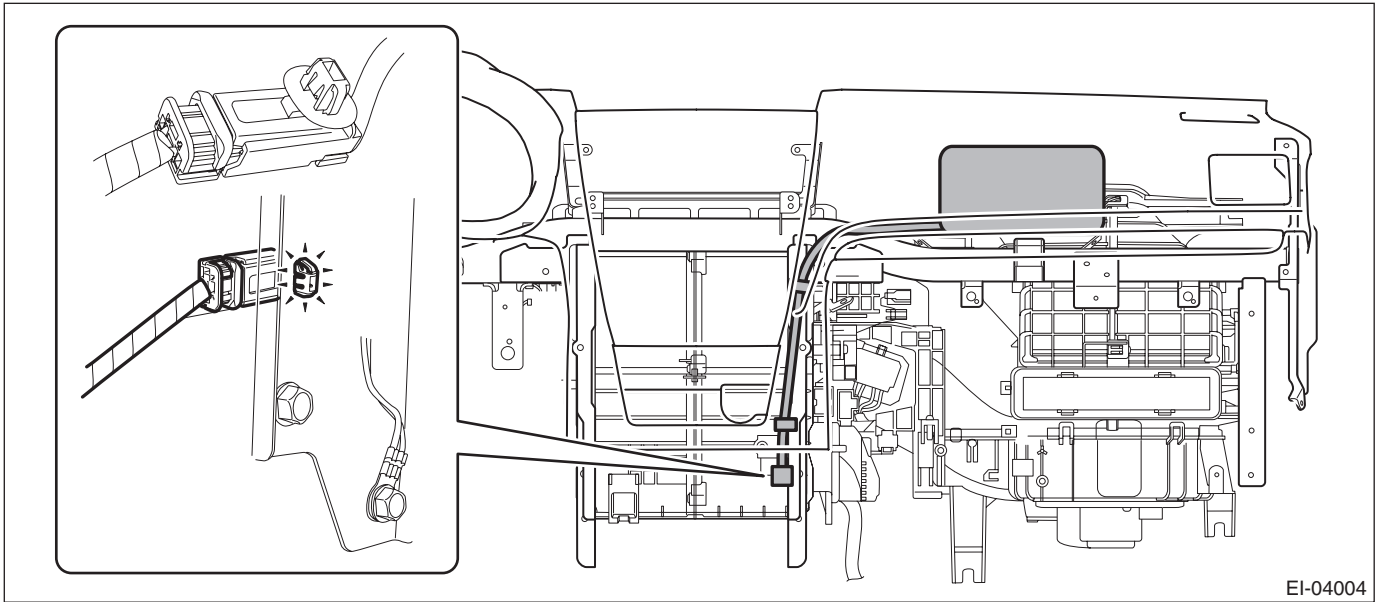
- (3) Remove the screws, disconnect the connector and remove the combination meter assembly.



## Instrument Panel Assembly

### EXTERIOR/INTERIOR TRIM

23) Disconnect the passenger's airbag module connector.<Ref. to AB-21, PASSENGER'S AIRBAG MODULE, PROCEDURE, Airbag Connector.>

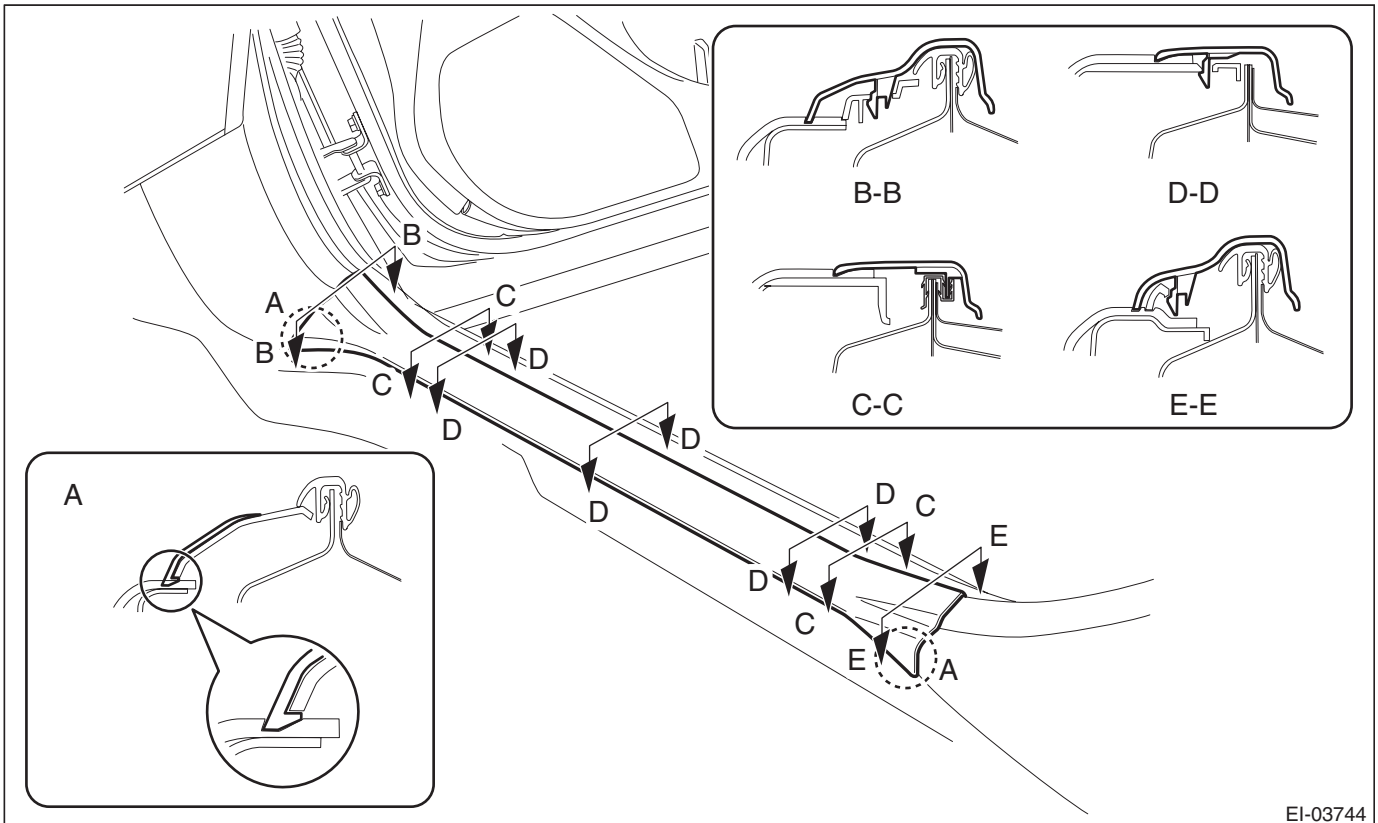


24) Remove the column assembly - steering.<Ref. to PS-18, REMOVAL, Steering Column.>

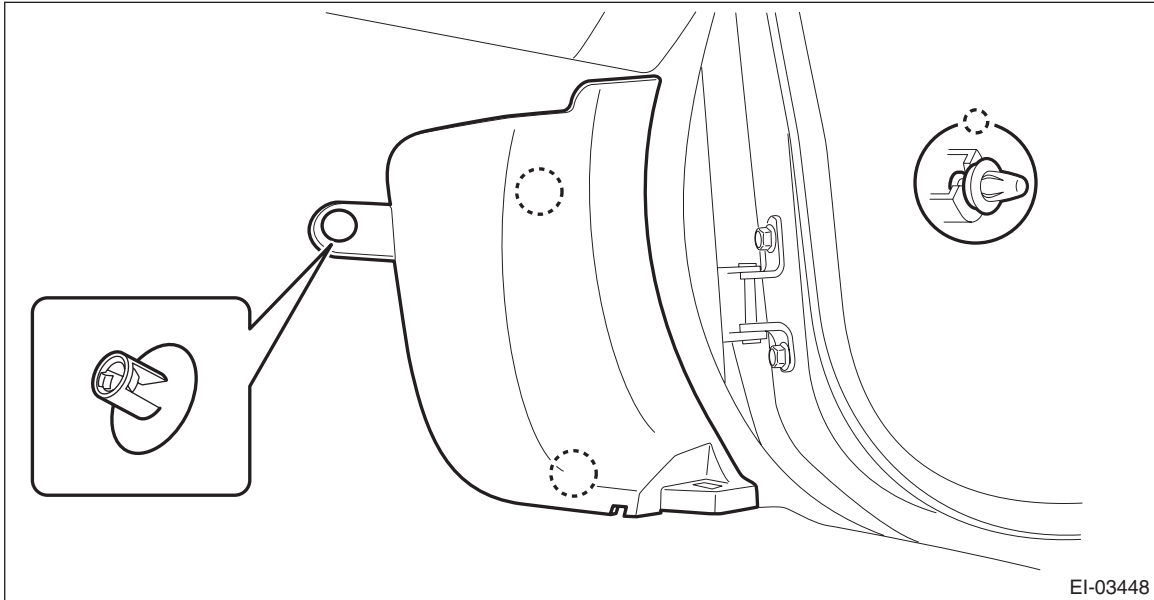
25) Release the claws, and then remove the cover side sill - front INN on LH and RH sides.

#### CAUTION:

Do not pull with excessive force. Doing so may damage the claws of the cover side sill - front INN.



26) Remove the clip, and remove the cover side sill - front on LH and RH sides.



27) For models with power amplifier, disconnect the power amplifier harness.

- (1) Remove the front seat assembly LH.
- (2) Disconnect the power amplifier harness.
- (3) Turn over the floor mat, and pull out the power amplifier harness.

28) Remove the body side weather strip - flange front.



# Instrument Panel Assembly

## EXTERIOR/INTERIOR TRIM

29) Remove the instrument panel assembly and the beam COMPL - steering as a unit.

### CAUTION:

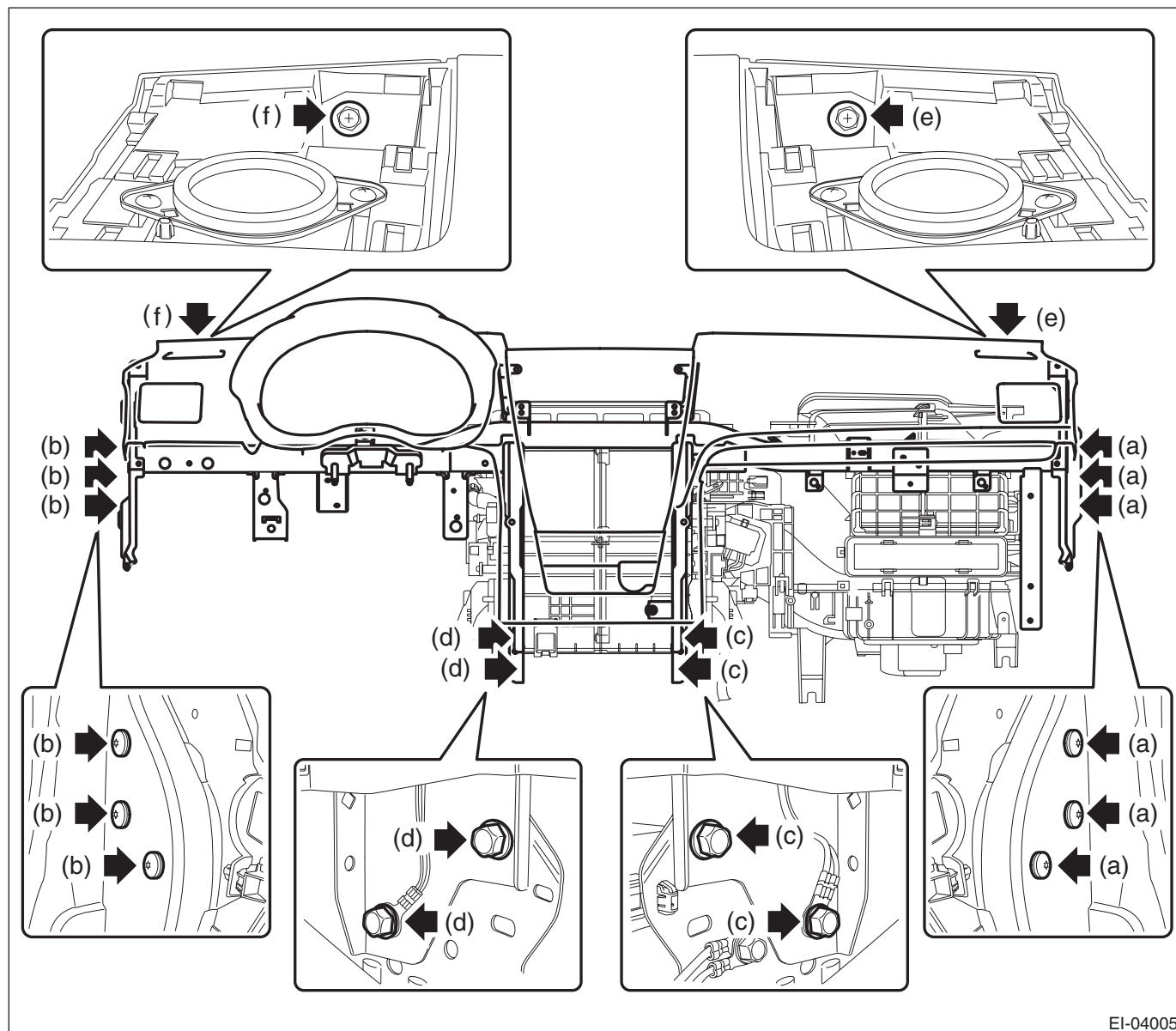
The instrument panel assembly and the beam COMPL - steering are heavy. Always work in a team of two persons when removing them from the vehicle, so as not to damage the vehicle interior.

- (1) Remove the fuse box and relay box.
- (2) Disconnect all harness clamps and connectors of the instrument panel harness.
- (3) Remove the TORX® bolt. (a), (b)

### Preparation tool:

#### TORX® T40

- (4) Remove the bolts at the floor center. (c), (d)
- (5) Remove the bolt. (e), (f)

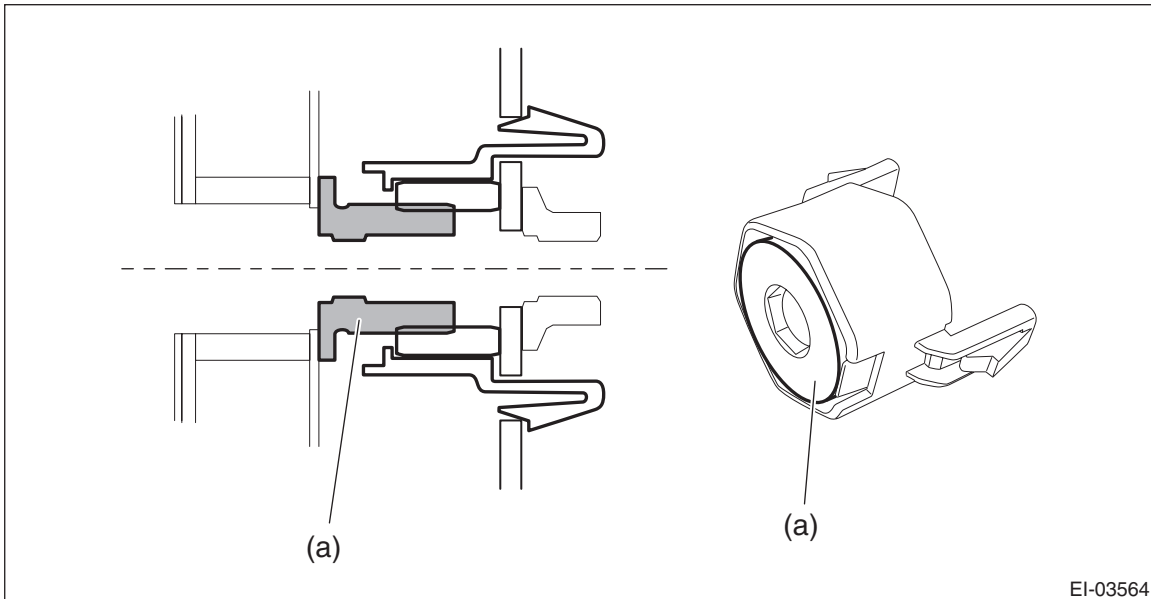


EI-04005

(6) Loosen the adjuster portion (a) of the adjuster - clip space. (only LH side of the beam COMPL - steering)

**Preparation tool:**

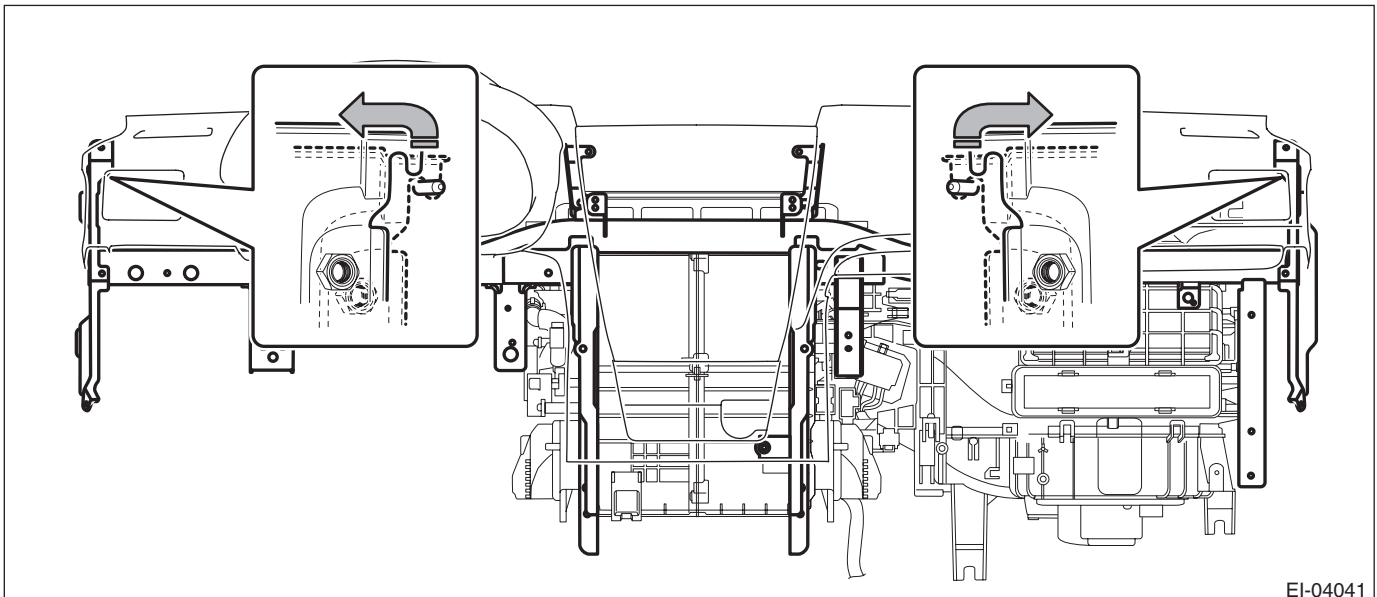
**Hexagon wrench: 8 mm (0.31 in)**



(7) Slightly lift the instrument panel assembly together with the beam COMPL - steering to detach the left and right pins. Then pull it toward you to remove the assembly.

**CAUTION:**

- Check that all harness clamps and connectors are detached.
- The instrument panel assembly and the beam COMPL - steering are heavy. Always work in a team of two persons when removing them from the vehicle, so as not to damage the vehicle interior.

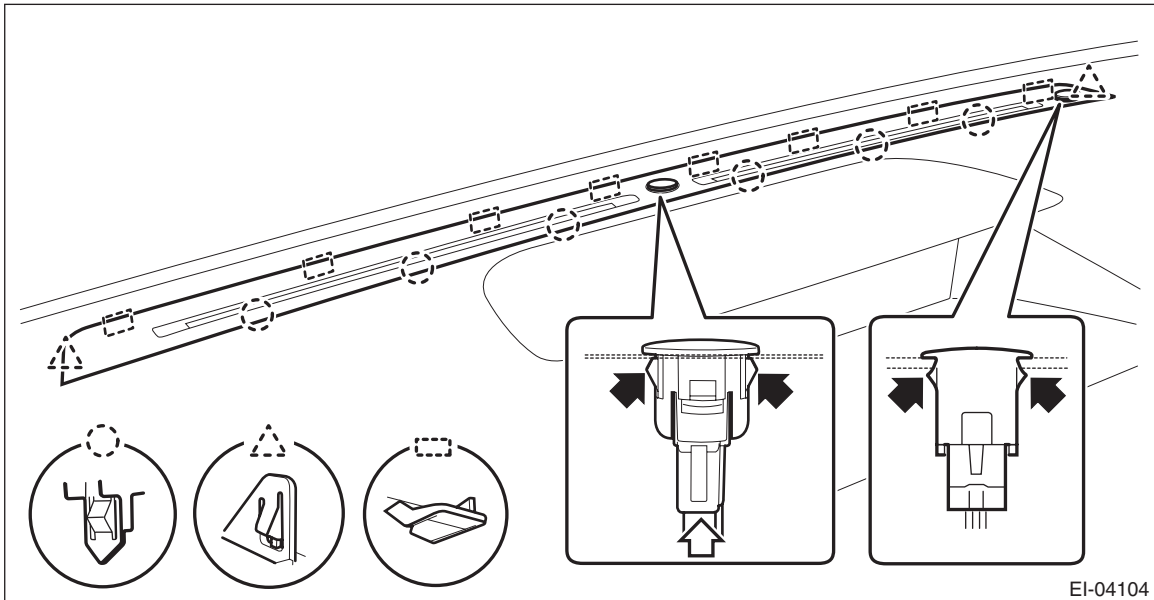


## Instrument Panel Assembly

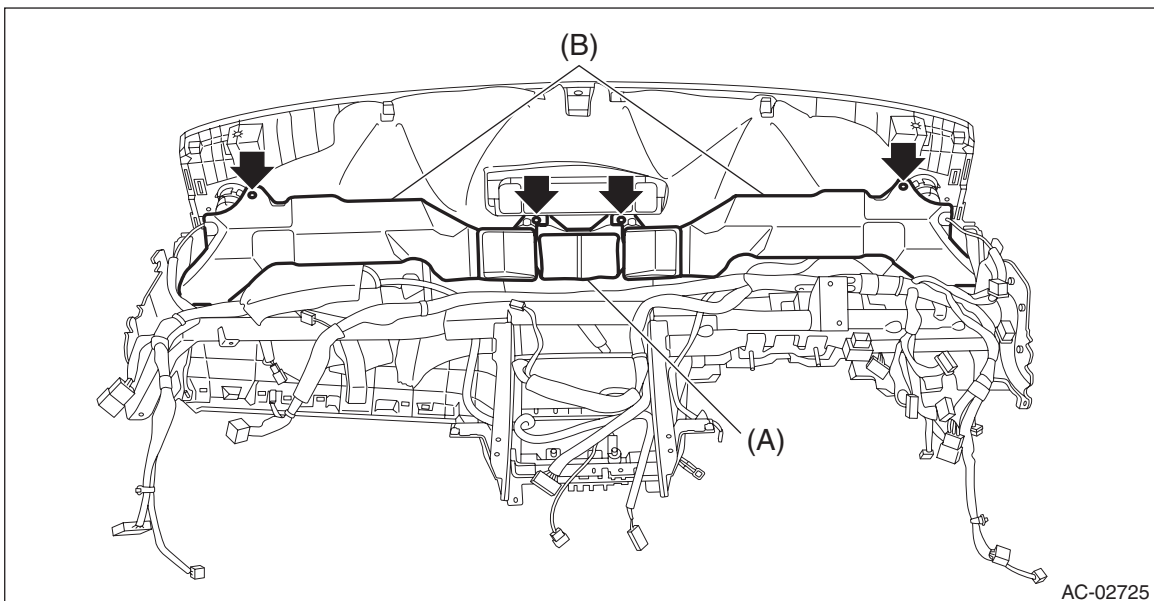
### EXTERIOR/INTERIOR TRIM

30) Remove the panel COMPL - instrument UPR.

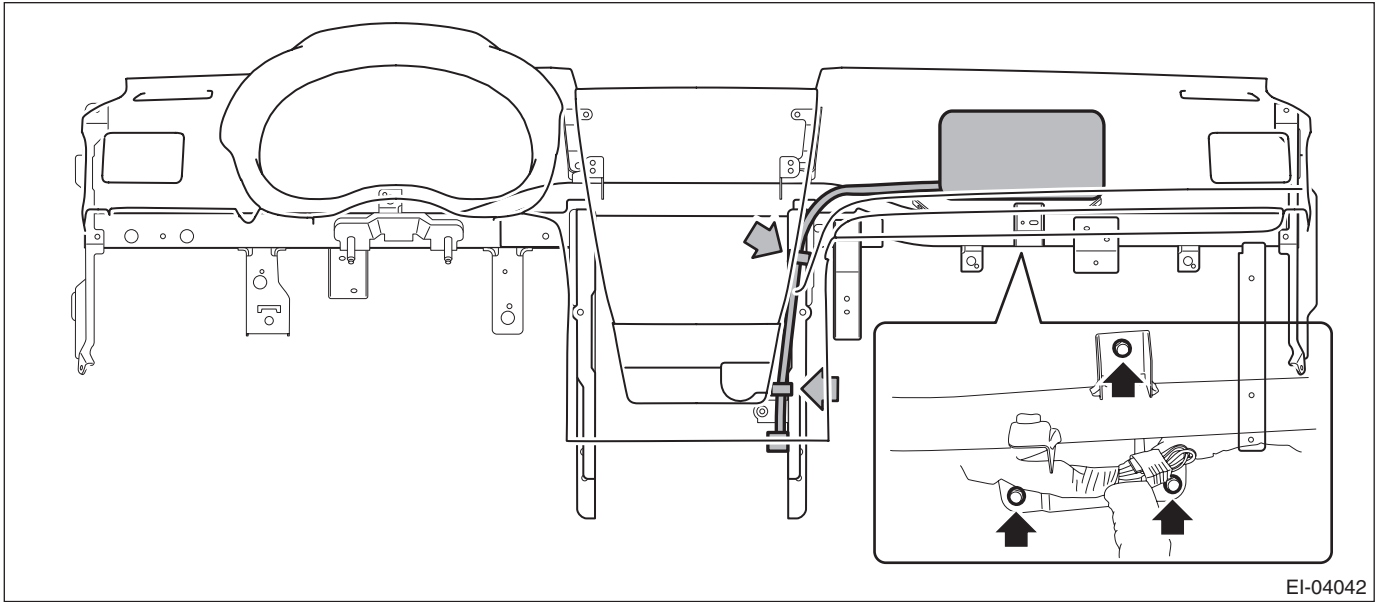
- (1) Disconnect the connector of the sensor - sunload.
- (2) Disconnect the connector of the sensor - automatic light. (Model with automatic light function)
- (3) Release the claws, and remove the panel COMPL - instrument UPR.



31) Remove the screws and remove the front (A) and side vent duct (B) LH, RH.



- 32) Separate the panel COMPL - instrument and the beam COMPL - steering.  
(1) Remove the clamps and bolts of the passenger's airbag module harness.



- (2) Remove the left and right speakers.

**NOTE:**

Detach the harness clamp together.

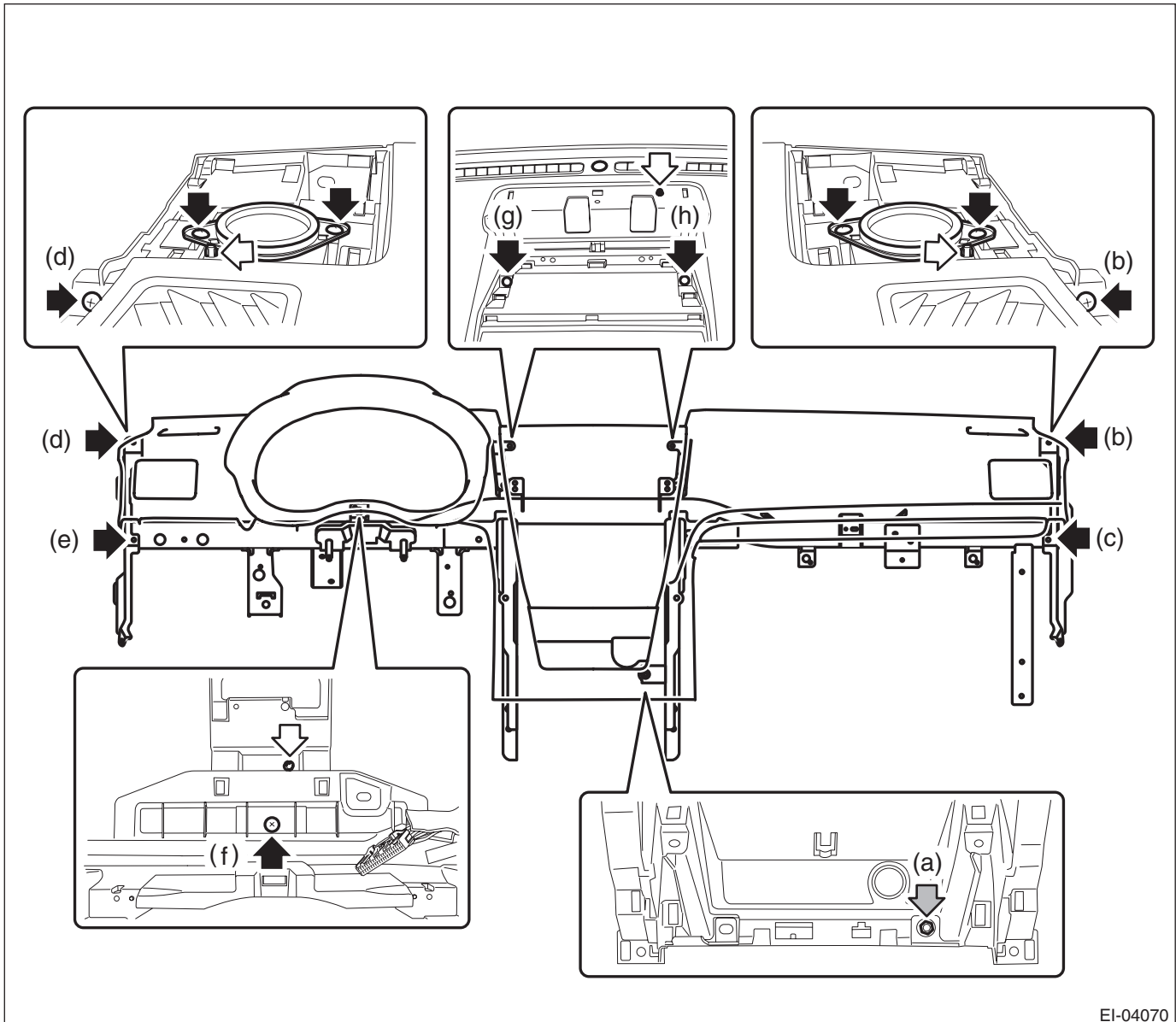
- (3) Disconnect the front accessory socket connector.

## Instrument Panel Assembly

### EXTERIOR/INTERIOR TRIM

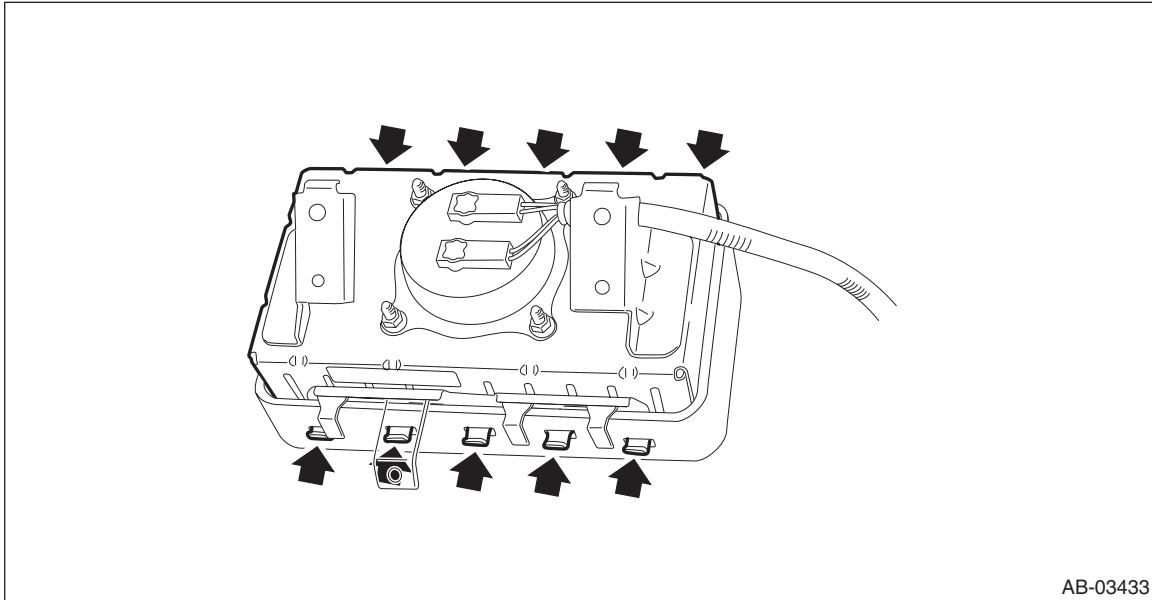
(4) Remove the nut (a) and screws (b), (c), (d), (e), (f), (g) and (h).

(5) While being careful with the harness, separate the panel COMPL - instrument and the beam COMPL - steering.



EI-04070

33) Remove the claws, and remove the passenger's airbag module.



## B: INSTALLATION

1) Attach components until the instrument panel assembly is formed, in the reverse order of removal.

### ***Tightening torque:***

***Passenger's airbag module: 7.5 N·m (0.76 kgf-m, 5.5 ft-lb)***

### **NOTE:**

Method of installing insulator

- 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.)

2) Insert the matching pins on the body side (three locations - one in the center and the remaining two on both sides) into the instrument panel assembly and the beam COMPL - steering.

3) Check that the matching pins are inserted securely, and then route the harness.

# Instrument Panel Assembly

## EXTERIOR/INTERIOR TRIM

- 4) Secure the instrument panel assembly and the beam COMPL - steering to the vehicle body.  
(1) Position the instrument panel assembly and the beam COMPL - steering to the vehicle body and tighten the adjuster - clip space.

**Preparation tool:**

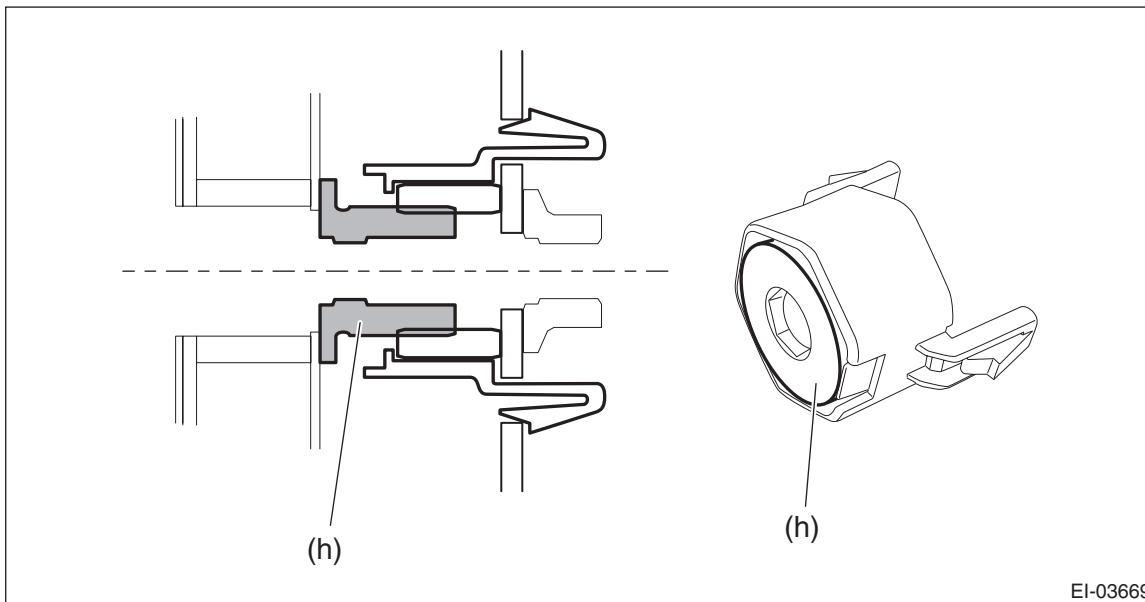
**Hexagon wrench: 8 mm (0.31 in)**

**NOTE:**

Tighten so that there is no gap between the adjuster portion (h) and the body.

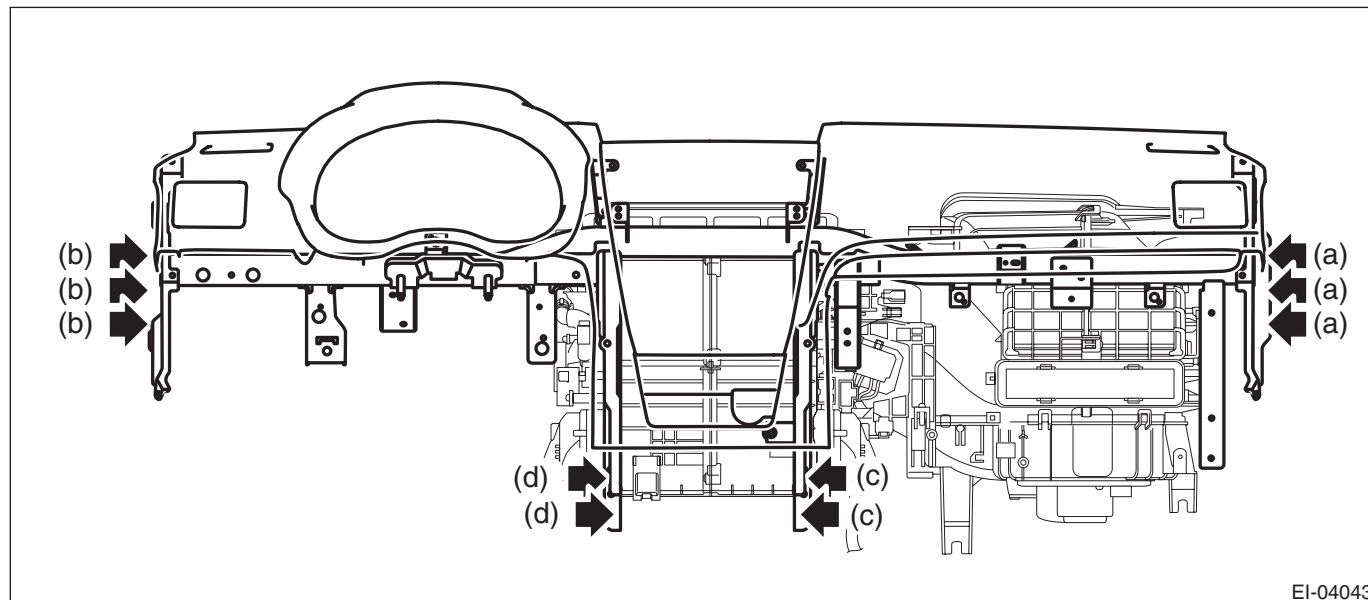
**Tightening torque:**

**Adjuster - clip space: 0.4 — 4 N·m (0.04 — 0.41 kgf·m, 0.3 — 2.95 ft·lb)**



EI-03669

- (2) Temporarily tighten the bolts (a), (b), (c) and (d) of the beam COMPL - steering.



EI-04043

- (3) Tighten the beam COMPL - steering in the order from (a) to (d) to the specified torque.

**Tightening torque:**

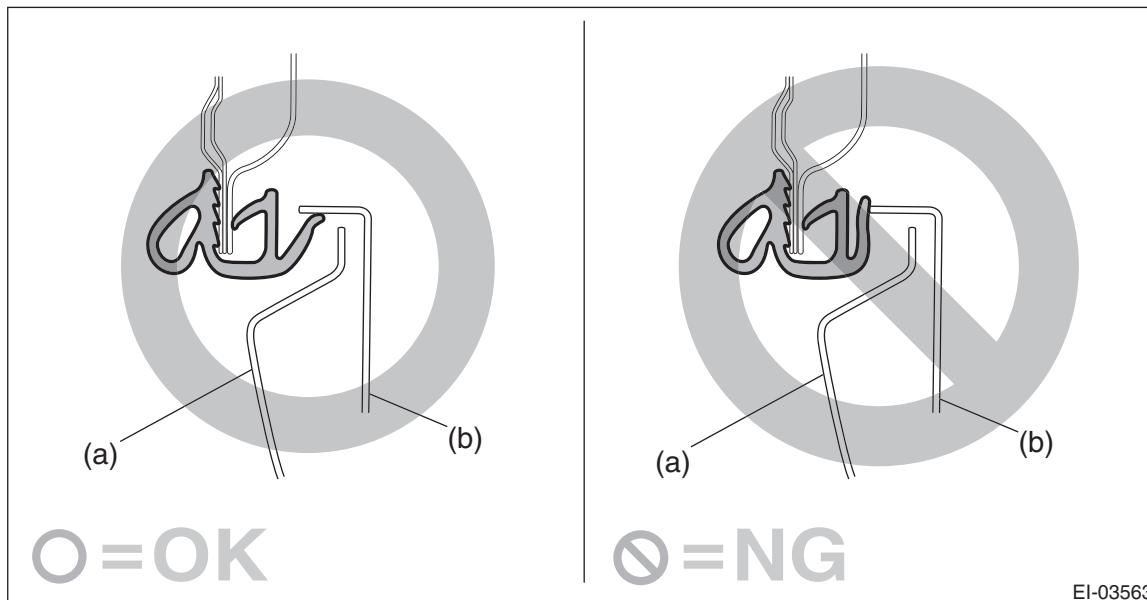
**Beam COMPL - steering: 25 N·m (2.55 kgf·m, 18.4 ft·lb)**



5) Install each part in the reverse order of removal.

**CAUTION:**

- After installing the panel center assembly, check that the air vent grille of the panel center assembly is inserted correctly into the air vent duct.
- When installing the cover - instrument panel side (a), make sure that the body side weather strip - flange front does not come inside the panel COMPL instrument (b).



- Check that there is no damage to the tether clip on the upper part of the trim panel - front pillar UPR. If the tether clip is damaged, always replace it with a new tether clip.
- Do not reuse the tether clip removed from the upper part of the trim panel - front pillar UPR. Always replace with a new part.
- Do not reuse the upper clips of the trim panel - center pillar UPR. Once the clip is removed, its holding force is reduced. Be sure to replace it with a new clip.
- Before installing the trim panel - front pillar UPR, check the condition of protective non-woven fabric (white) of the curtain airbag. If it is damaged (airbag module cloth is exposed), replace the curtain airbag module assembly with a new part.

**NOTE:**

For installation of the trim panel - front pillar UPR, refer to "Upper Inner Trim".<Ref. to EI-101, INSTALLATION, Upper Inner Trim.>

**Tightening torque:**

**Column assembly - steering:**<Ref. to PS-3, STEERING WHEEL AND COLUMN, COMPONENT, General Description.>

**Console box assembly:** 6.5 N·m (0.66 kgf-m, 4.8 ft-lb)

**Front seat assembly:** 53 N·m (5.40 kgf-m, 39.1 ft-lb)