

6. Rear Door

A: REMOVAL

1. REAR DOOR PANEL

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

NOTE:

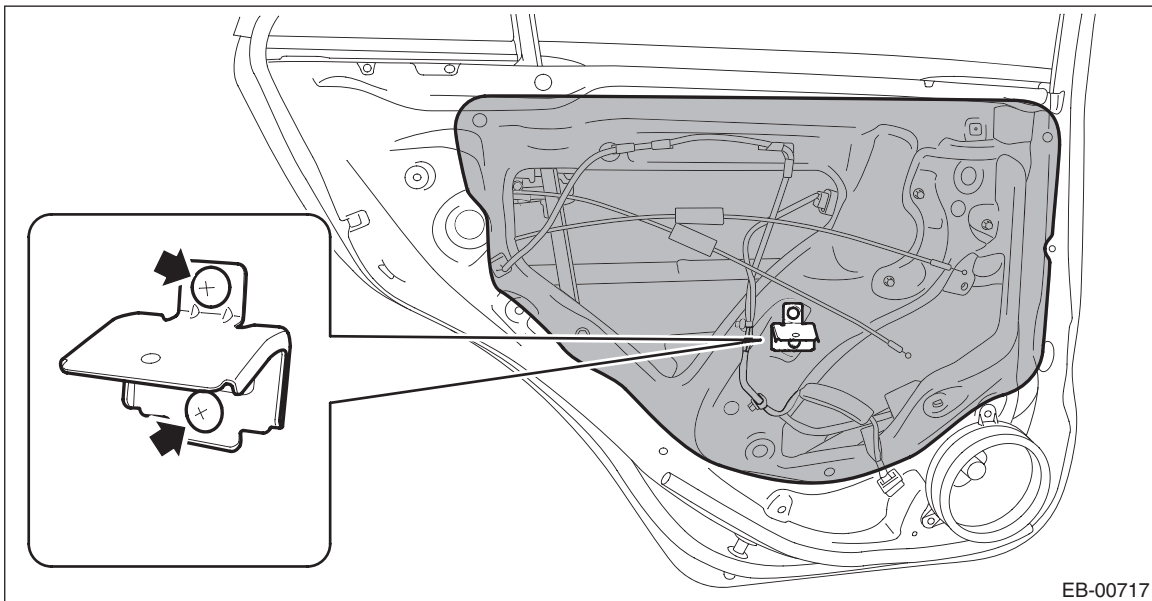
For the 12 volt engine restart battery of HEV model, disconnect the ground terminal from 12V engine restart battery sensor.

2) Remove the trim panel - rear door. <Ref. to EI-73, REAR DOOR, REMOVAL, Door Trim.>

3) Remove the sealing cover - rear door.

CAUTION:

- Carefully remove the butyl tape. Excessive force will easily break the cover.
- If the sealing cover - rear door gets broken, replace it with a new part.
 - (1) Remove the screw to remove the bracket - door trim rear.
 - (2) Carefully remove the butyl tape to remove the sealing cover - rear door.



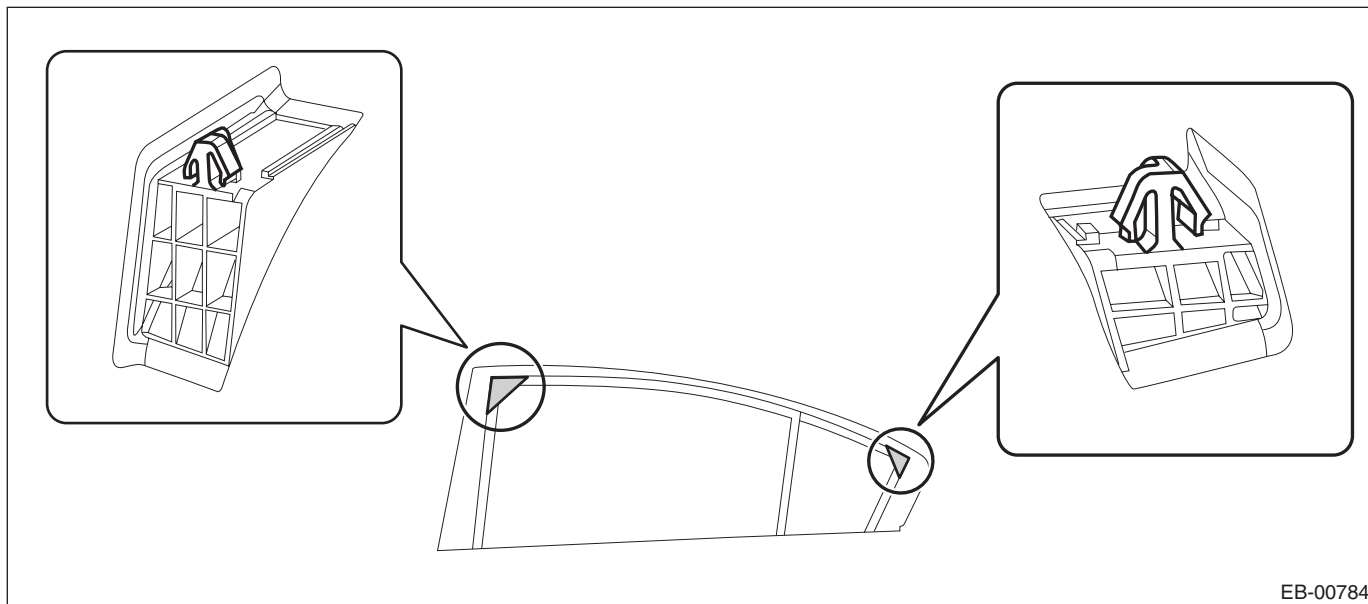
EB-00717

Rear Door

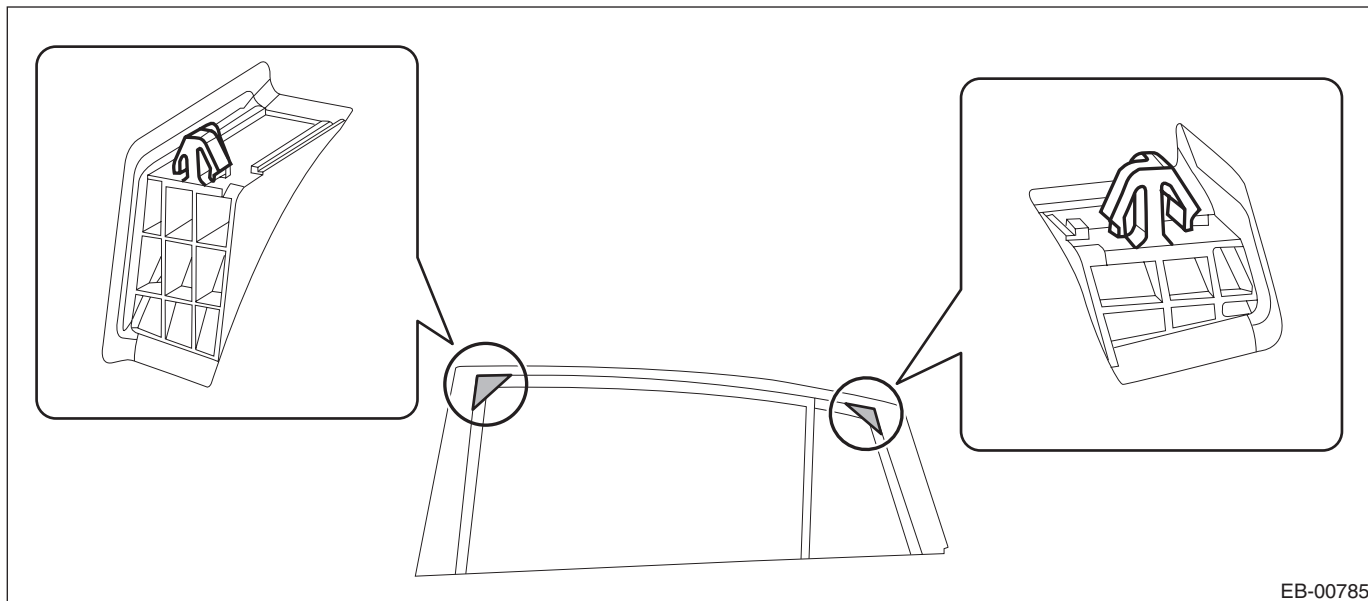
EXTERIOR BODY PANELS

4) Remove the B and C pillar upper clips.

- 4 door model

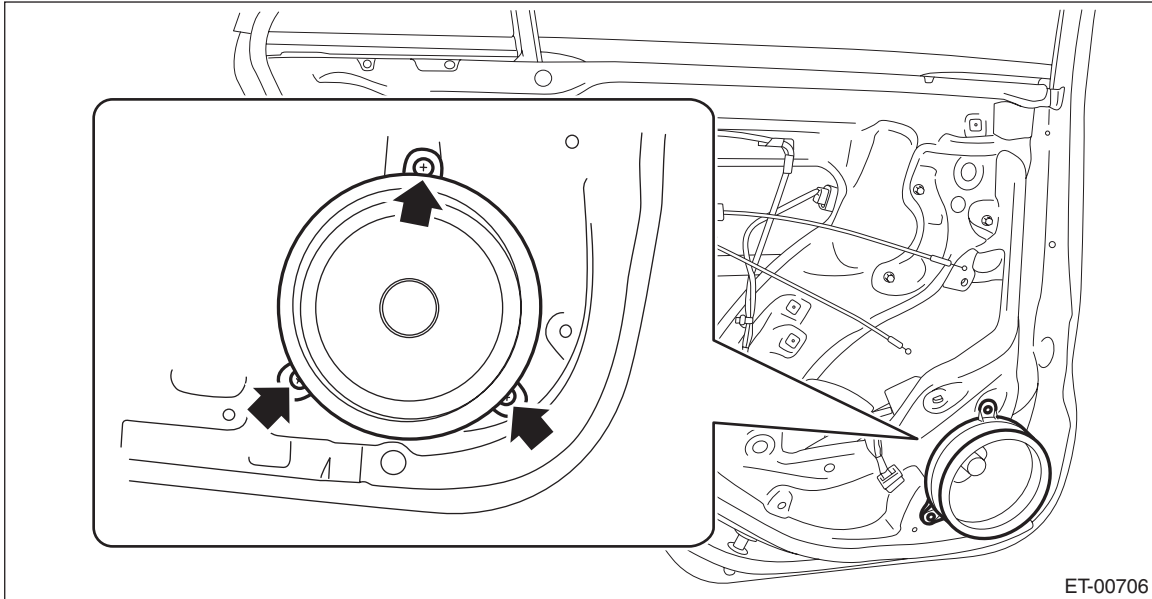


- 5 door model/XV model



5) Remove the rear door speaker assembly.

- (1) Remove the screws.
- (2) Disconnect the connector behind the speaker and remove the rear speaker assembly.



6) Remove the sash COMPL - rear partition and the glass assembly - rear door. <Ref. to GW-31, REMOVAL, Rear Door Glass.>

7) Remove the regulator - rear. <Ref. to GW-33, REMOVAL, Rear Regulator and Motor Assembly.>

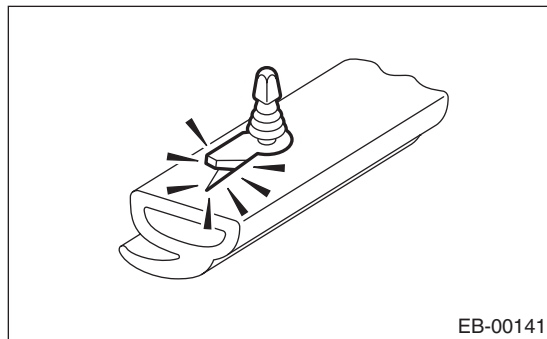
8) Remove the latch and actuator assembly - rear. <Ref. to SL-52, REMOVAL, Rear Door Latch and Door Lock Actuator Assembly.>

9) Remove the handle - door outer and the cover - handle rear outer. <Ref. to SL-48, REMOVAL, Rear Outer Handle.>

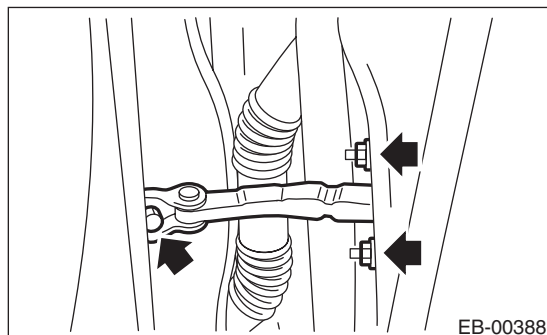
10) Remove the weather strip - rear door.

CAUTION:

If the weather strip clip is removed with excessive force, the weather strip may be damaged. Be sure to use clip remover to remove.



11) Remove the bolts and nuts, and then detach the checker assembly - rear door.

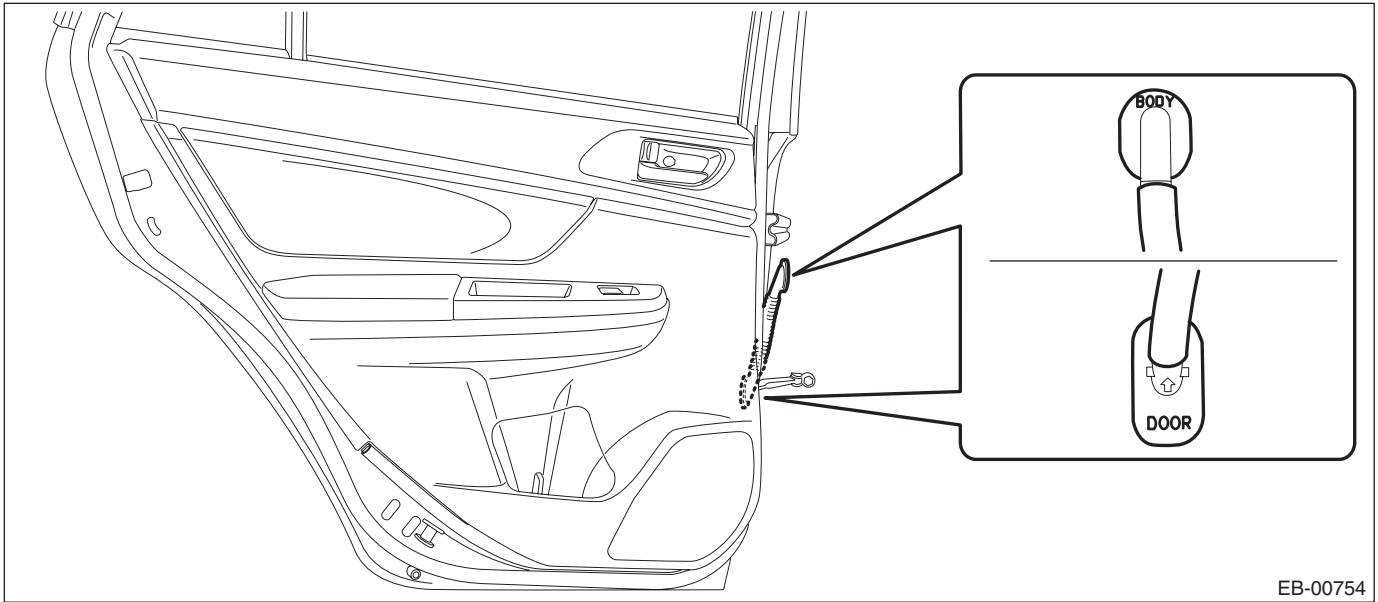


Rear Door

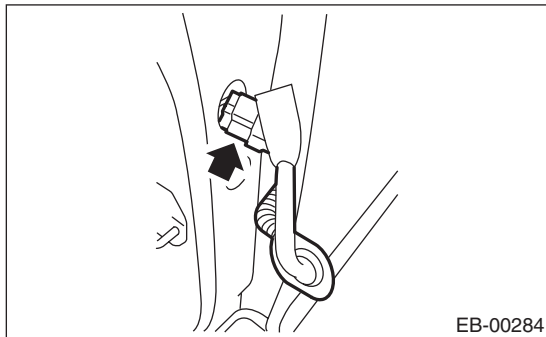
EXTERIOR BODY PANELS

12) Disconnect the rear door harness connectors.

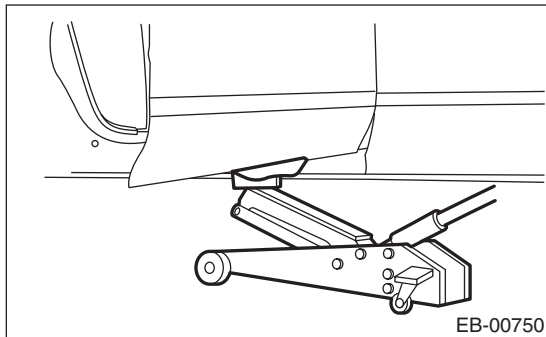
(1) Remove the grommet and pull out the rear door harness connector from inside the center pillar.



(2) Disconnect the rear door harness connectors.



13) Before removing the panel assembly - rear door, make the following preparations.



(1) Put a wooden block on a floor jack and place the jack under the panel assembly - rear door.

(2) Support the panel assembly - rear door with the jack to protect it from damage.

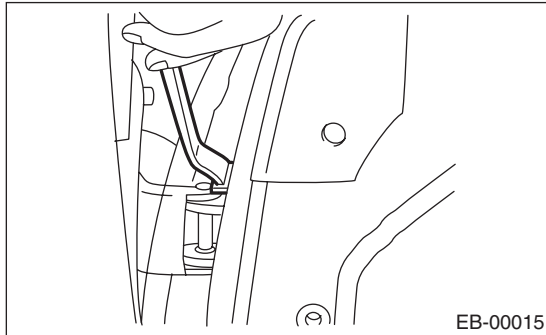
CAUTION:

Do not excessively lift the panel assembly - rear door with the floor jack. The door hinges may be damaged.

14) Remove the door-side bolts for the upper hinge - rear door and the lower hinge - rear door to remove the panel assembly - rear door.

CAUTION:

The panel assembly - rear door is heavy. When removing and installing it, always work in a team of two or more persons.



15) Remove the door hinge from vehicle. <Ref. to EB-39, REAR DOOR HINGE, REMOVAL, Rear Door.>

2. REAR DOOR HINGE

1) Open the panel assembly - front door, and remove the bolts of the upper hinge - rear door or the lower hinge - rear door.

CAUTION:

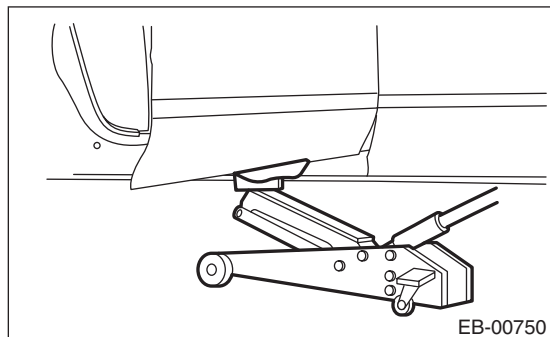
- **Do not remove the upper hinge - rear door and the lower hinge - rear door at the same time.**
- **Removal and installation of the panel assembly - rear door must be performed with the door closed.**

2) Remove the rear door hinge from vehicle.

B: INSTALLATION

1. REAR DOOR PANEL

- 1) Put a wooden block on a jack and place the panel assembly - rear door on it.



- 2) Apply grease to the moving part of door hinges.
- 3) Adjust the height by the jack, and temporarily install the panel assembly - rear door to the upper hinge - rear door and the lower hinge - rear door.

NOTE:

- When installing the panel assembly - rear door, make sure that a uniform clearance is created around the panel.
 - Perform installation while paying attention to the assembly direction of the grommet.
- 4) Adjust the clearance around the panel assembly - rear door. <Ref. to EB-41, ADJUSTMENT, Rear Door.>
 - 5) Tighten the bolts and nuts of the door hinge and the checker assembly - rear door.

Tightening torque:

Refer to “COMPONENT” of “General Description”. <Ref. to EB-5, REAR DOOR, COMPONENT, General Description.>

- 6) Install door internal parts in the reverse order of removal.

NOTE:

Before installation, check the following items.

- Remote cable is free from deformation such as fray.
 - Grease is applied sufficiently to remote cable joints.
- If grease is insufficient, add it as necessary before assembling the remote cable.
- 7) Connect the door harness connector, and install the harness grommet.

2. REAR DOOR HINGE

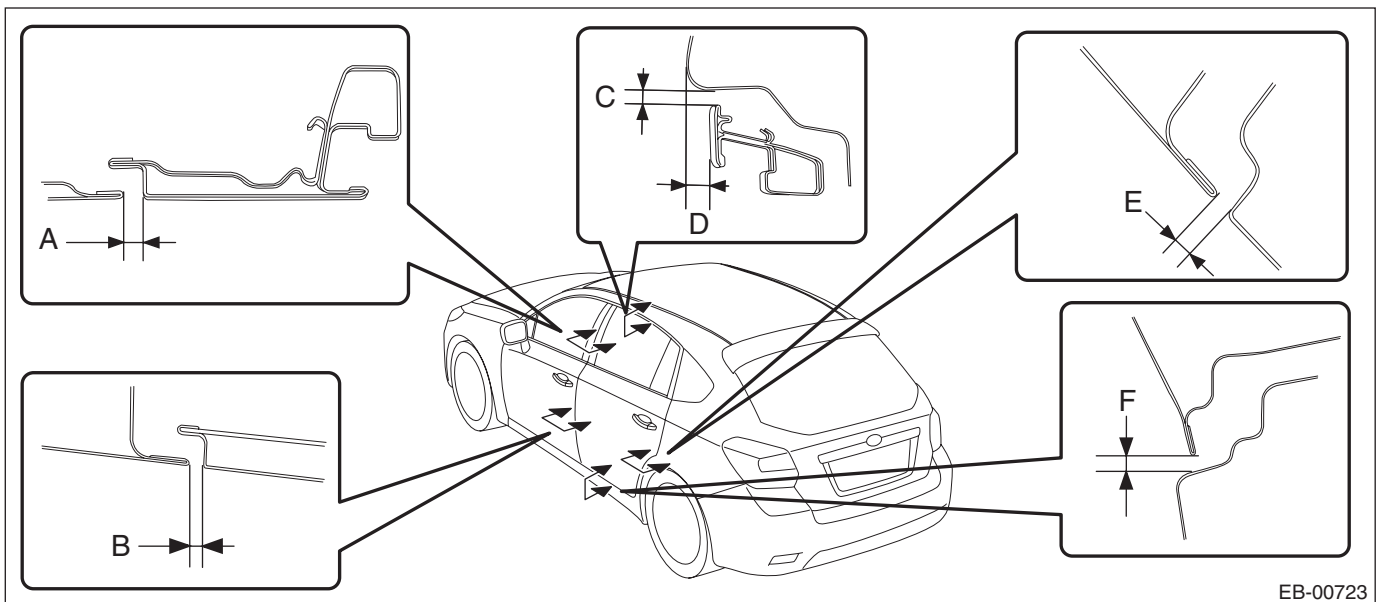
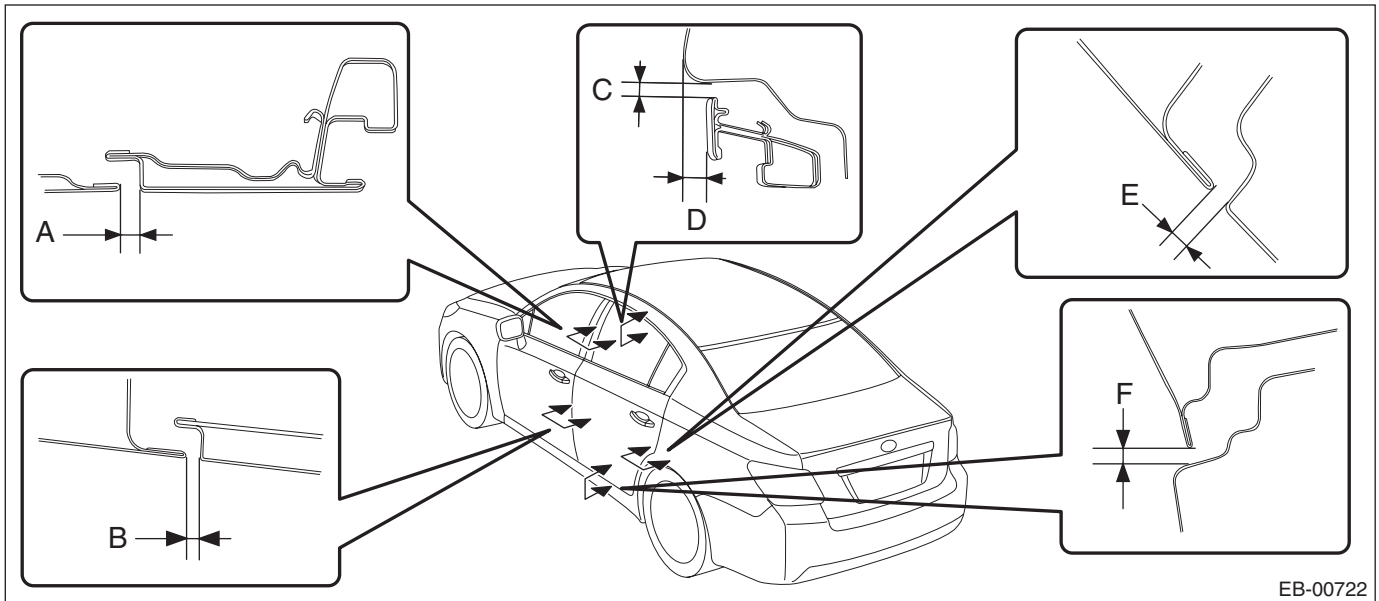
- 1) Apply grease to the moving part of door hinges.
- 2) Adjust the clearance around the panel assembly - rear door. <Ref. to EB-41, ADJUSTMENT, Rear Door.>
- 3) Tighten the door hinge bolts.

Tightening torque:

Refer to “COMPONENT” of “General Description”. <Ref. to EB-5, REAR DOOR, COMPONENT, General Description.>

C: ADJUSTMENT

Adjust the clearance around the panel assembly - rear door as follows.

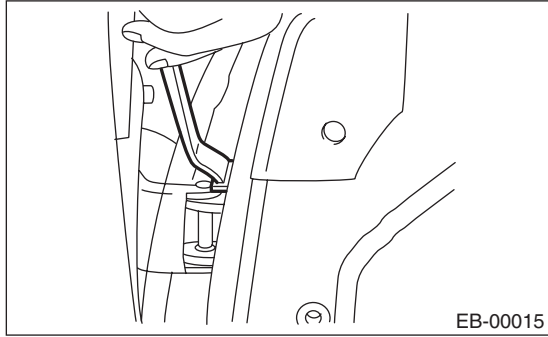


Part		Standard
A	Front door sash to Rear door sash	5.5+1.5, -1.0 mm (0.22+0.06, -0.04 in)
B	Panel assembly - front door to Panel assembly - rear door	4.5±1.0 mm (0.18±0.04 in)
C	Roof panel to Rear door sash	5.1+1.5, -1.0 mm (0.20+0.06, -0.04 in)
D	Surface level gap between roof panel and rear door sash	6.6±1.5 mm (0.26±0.06 in)
E	Panel assembly - rear door to Rear quarter panel	4.1±1.0 mm (0.16±0.04 in)
F	Panel assembly - rear door to Side sill	6.0±1.5 mm (0.24±0.06 in)

Rear Door

EXTERIOR BODY PANELS

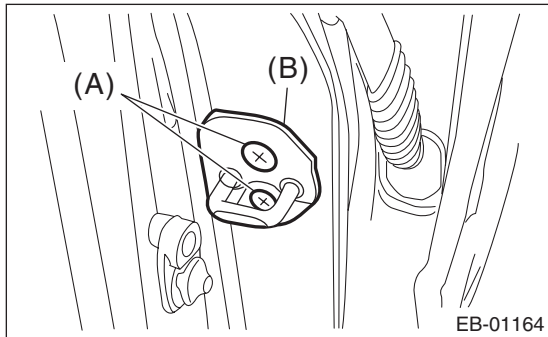
- 1) Adjust the vertical and horizontal positions of the panel assembly - rear door.



- (1) Loosen the body side bolts of the upper hinge - rear door and the lower hinge - rear door.
 - (2) Adjust the vertical and horizontal clearance of the panel assembly - rear door.
- 2) Adjust the surface level gap between the panel assembly - rear door and the body.

CAUTION:

Do not use an impact wrench. Welding area on the striker nut plate is easily broken.



- (1) Loosen the screws (A).
 - (2) Tap the striker - rear door (B) using a plastic hammer to adjust the surface level gap between the rear end of the panel assembly - rear door and the rear quarter.