

6. Side Airbag Module

A: REMOVAL

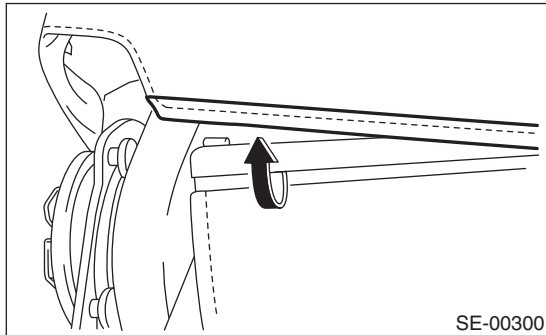
CAUTION:

Refer to “CAUTION” of “General Description” before handling the airbag module. <Ref. to AB-5, CAUTION, General Description.>

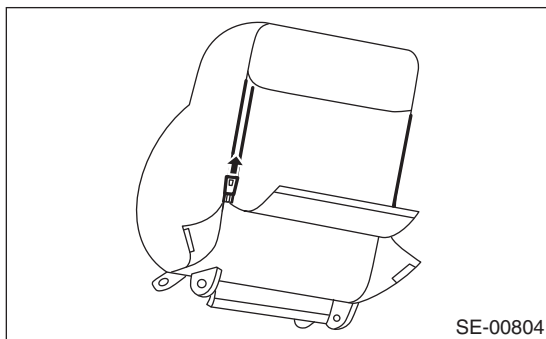
NOTE:

Remove the passenger's side by referring to driver's side.

- 1) Turn the ignition switch to OFF.
- 2) Disconnect the ground cable from battery and wait for at least 20 seconds before starting work.
- 3) Remove the front seat from the vehicle. <Ref. to SE-8, REMOVAL, Front Seat.>
- 4) Remove the clip from reverse side of seat cushion assembly and slide rail, and then remove the side airbag harness.
- 5) Remove the side airbag harness from backrest frame assembly.
- 6) Remove the plastic fastener at the bottom-back side of backrest.



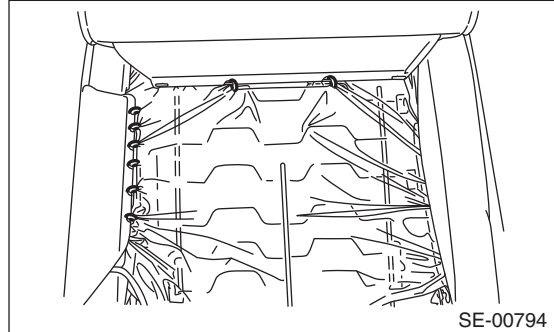
- 7) Open the fastener at the rear side of backrest.



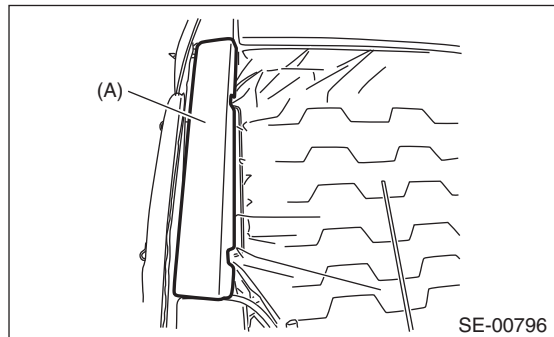
- 8) Remove the hog rings of backrest cover.

CAUTION:

When removing the hog rings, be careful not to tear the vinyl sheet within the seat. If the sheet has torn, replace it with a new sheet.



- 9) Remove the pad (A) and then remove the mounting nuts for side airbag module.

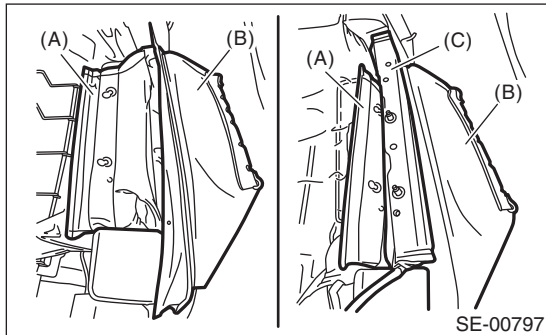


- 10) Remove the side airbag harness from backrest frame assembly.

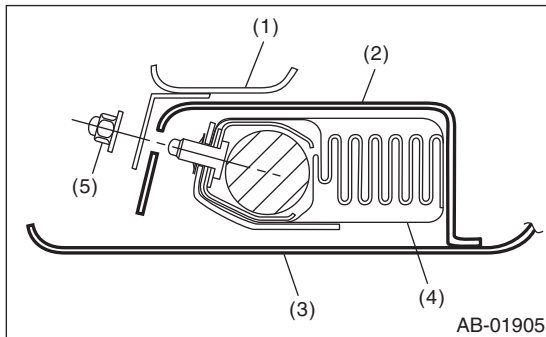
B: INSTALLATION

CAUTION:

- Refer to “CAUTION” of “General Description” before handling the airbag module. <Ref. to AB-5, CAUTION, General Description.>
- Be sure to perform the system calibration for occupant detection system after passenger's seat installation. <Ref. to OD(diag)-19, OPERATION, System Calibration (Rezeroing).>
- When installing the side airbag module assembly, be sure to install it by inserting the side airbag module between the backrest cover and airbag guide cloth.



- (A) Airbag guide cloth
- (B) Backrest cover
- (C) Side airbag module ASSY



- (1) Backrest frame ASSY
- (2) Airbag guide cloth
- (3) Backrest cover
- (4) Side airbag module ASSY
- (5) Hexagon cap nut

When the backrest cover is not installed securely, the side airbag module may not be deployed properly, therefore keep strictly to the following procedure.

- Be careful not to stain or damage the backrest cover during assembly.
- Always use new hog rings.
- Secure the hog ring using hog ring pliers.
- Install the hog rings to the specified points securely and make sure that no wrinkle or twisting on backrest cover.

- 1) Make sure that there is no foreign matter on side airbag module.
- 2) Install the side airbag module (A) to backrest frame assembly.

Tightening torque:

6 N·m (0.61 kgf-m, 4.4 ft-lb)

- 3) Install the side airbag harness to backrest frame assembly.
- 4) Install the backrest cover.
- 5) Install the side airbag harness to the clips on the back of the seat cushion assembly and on the slide rail.
- 6) Recline the seat or slide it backward and forward, and check there is no contact between the seat backrest assembly, cushion cover assembly and side airbag harness.
- 7) Install the front seat to the vehicle body.

Tightening torque:

Refer to “COMPONENT” of “General Description”. <Ref. to SE-2, FRONT SEAT LH, COMPONENT, General Description.>

C: INSPECTION

CAUTION:

Refer to “CAUTION” of “General Description” before handling the airbag module. <Ref. to AB-5, CAUTION, General Description.>

Check for the following, and replace damaged parts with new parts. <Ref. to AB-14, SIDE AIRBAG MODULE, INSPECTION, Inspection Locations After a Collision.>

1) With side collision (when side airbag is deployed)

- Side airbag module assembly
- Satellite safing sensor
- Side airbag sensor
- Curtain airbag sensor
- Backrest pad assembly
- Backrest frame assembly
- Backrest cover assembly

2) When damage is found by visual check

- Headrest assembly
- Headrest lock bushing
- Outer slide rail
- Inner slide rail
- Seat hinge cover
- Seat lifter lever
- Reclining lever
- Side airbag harness and connector on body side
- Satellite safing sensor cover (model without rear seat center table)

3) With side collision (when side airbag is not deployed)

Check the seat, airbag module, sensor visually, and then replace them with new parts if damaged or cracked.

Specially inspect the damage of airbag module body, mounting bracket and harness connector.

4) Without side collision (dirt and damage of cover)

Replace the corresponding part with a new part.