

BODY SECTION

This service manual has been prepared to provide SUBARU service personnel with the necessary information and data for the correct maintenance and repair of SUBARU vehicles.

This manual includes the procedures for maintenance, disassembling, reassembling, inspection and adjustment of components and diagnostics for guidance of experienced mechanics.

Please peruse and utilize this manual fully to ensure complete repair work for satisfying our customers by keeping their vehicle in optimum condition. When replacement of parts during repair work is needed, be sure to use SUBARU genuine parts.

All information, illustration and specifications contained in this manual are based on the latest product information available at the time of publication approval.

**HVAC SYSTEM
(HEATER, VENTILATOR AND A/C)** AC

**HVAC SYSTEM (AUTO A/C)
(DIAGNOSTICS)** AC(diag)

AIRBAG SYSTEM AB

AIRBAG SYSTEM (DIAGNOSTICS) AB(diag)

SEAT BELT SYSTEM SB

LIGHTING SYSTEM LI

WIPER AND WASHER SYSTEMS WW

ENTERTAINMENT ET

COMMUNICATION SYSTEM COM

GLASS/WINDOWS/MIRRORS GW

BODY STRUCTURE BS

INSTRUMENTATION/DRIVER INFO IDI

SEATS SE

SECURITY AND LOCKS SL

**SUNROOF/T-TOP/CONVERTIBLE TOP
(SUNROOF)** SR

EXTERIOR/INTERIOR TRIM EI

EXTERIOR BODY PANELS EB

BODY SECTION

CRUISE CONTROL SYSTEM	CC
CRUISE CONTROL SYSTEM (DIAGNOSTICS)	CC(diag)
IMMOBILIZER (DIAGNOSTICS)	IM(diag)

SEATS

SE

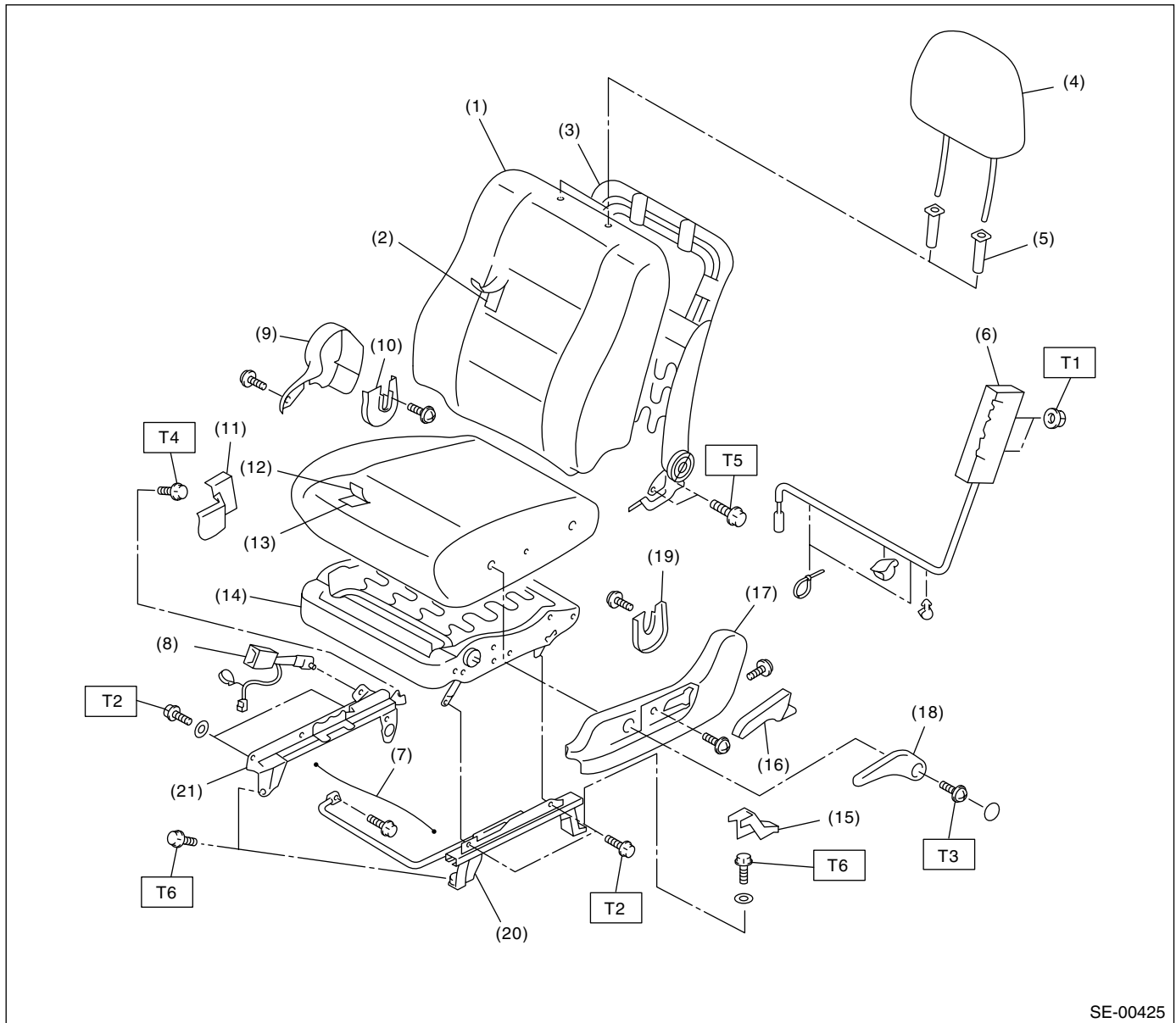
	Page
1. General Description	2
2. Front Seat	6
3. Rear Seat	13



1. General Description

A: COMPONENT

1. FRONT SEAT



SE-00425

- | | |
|--------------------------------|--------------------------------|
| (1) Backrest cover | (12) Seat cushion cover |
| (2) Backrest pad | (13) Seat cushion pad |
| (3) Backrest frame ASSY | (14) Seat cushion frame ASSY |
| (4) Headrest ASSY | (15) Bolt cover outer |
| (5) Headrest lock bush | (16) Reclining lever |
| (6) Side airbag module | (17) Seat hinge outer cover |
| (7) Connecting wire | (18) Lifter lever |
| (8) Inner belt | (19) Seat hinge inner cover RH |
| (9) Seat hinge inner cover | (20) Outer slide rail |
| (10) Seat hinge inner cover LH | (21) Inner slide rail |
| (11) Bolt cover inner | |

Tightening torque: N-m (kgf-m, ft-lb)

T1: 5.9 (0.60, 4.35)

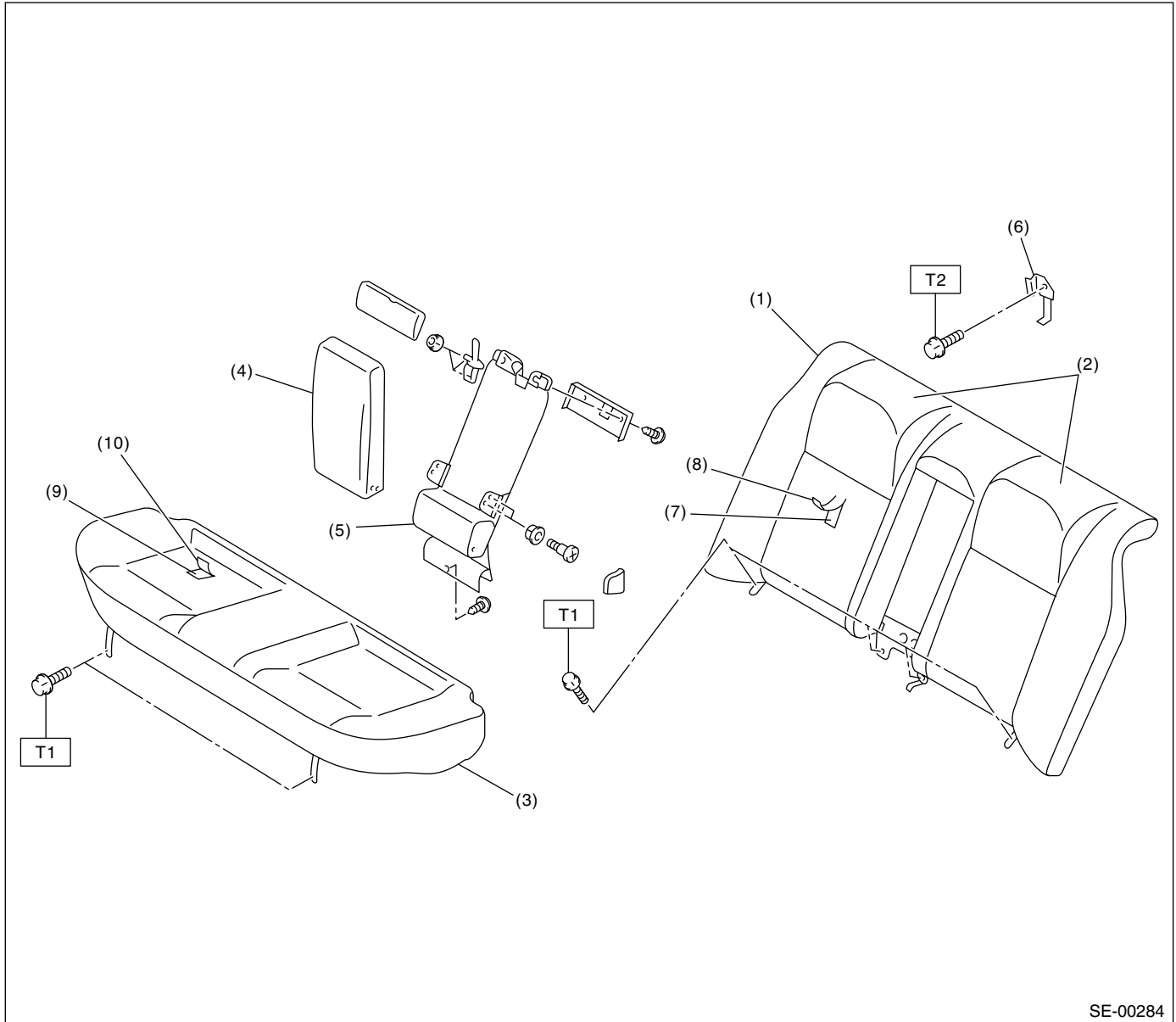
T2: 10 (1.02, 7.38)

T3: 22 (2.24, 16.2)

T4: 30 (3.06, 22.1)

T5: 52 (5.30, 38.4)

T6: 53 (5.40, 39.1)

2. REAR SEAT (SEDAN MODEL)

SE-00284

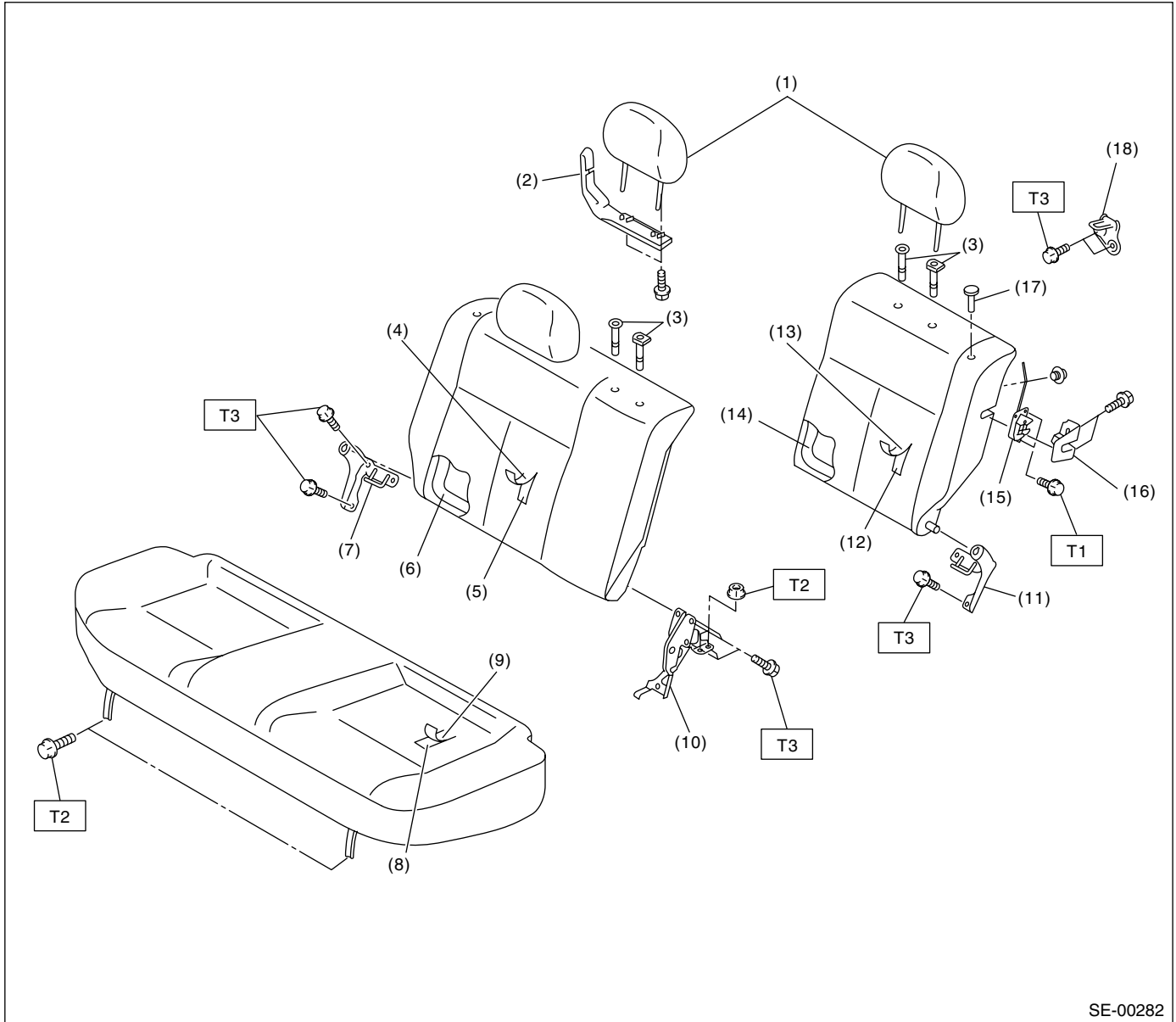
- | | |
|--------------------------|-----------------------------------|
| (1) Backrest | (6) Hook |
| (2) Headrest | (7) Backrest pad ASSY |
| (3) Cushion | (8) Backrest cover ASSY |
| (4) Arm rest | (9) Rear pad & cushion frame ASSY |
| (5) Center through frame | (10) Rear cushion cover |

Tightening torque: N·m (kgf-m, ft-lb)
T1: 10 (1.02, 7.38)**T2: 24.5 (2.5, 18.1)**

General Description

SEATS

3. REAR SEAT (WAGON MODEL)



SE-00282

- | | |
|------------------------|----------------------------|
| (1) Headrest | (9) Seat cushion pad |
| (2) Seat belt guide | (10) Hinge ASSY CTR |
| (3) Headrest bush | (11) Hinge ASSY LH |
| (4) Backrest cover RH | (12) Backrest pad LH |
| (5) Backrest pad RH | (13) Backrest cover LH |
| (6) Backrest frame RH | (14) Backrest frame LH |
| (7) Hinge ASSY RH | (15) Seat back latch |
| (8) Seat cushion cover | (16) Seat back latch cover |

- | |
|--------------------|
| (17) Backrest knob |
| (18) Striker |

Tightening torque: N·m (kgf·m, ft·lb)

T1: 17.3 (1.76, 12.8)

T2: 24.5 (2.5, 18.1)

T3: 33 (3.3, 24.6)

B: CAUTION

When removing the front seat from a side airbag loaded vehicle, follow cautions given in the airbag section.

C: PREPARATION TOOL

1. GENERAL TOOL

TOOL NAME	REMARKS
Long Nose Pliers	Used for removing hog ring.
Hog Ring Pliers	Used for installing hog ring.

2. Front Seat

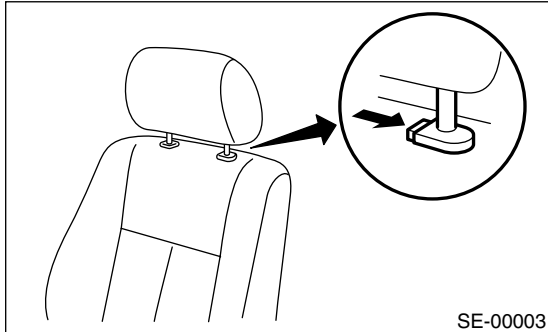
A: REMOVAL

1) Disconnect the ground cable from battery.

CAUTION:

The airbag system is fitted with a backup power source. If the airbag system is serviced within 20 seconds after the ground cable is disconnected, it may inflate.

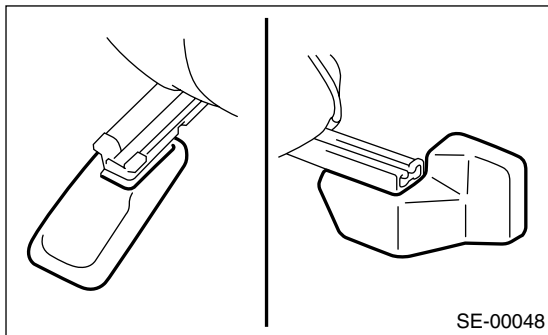
2) While pressing the headrest lock button, remove the headrest.



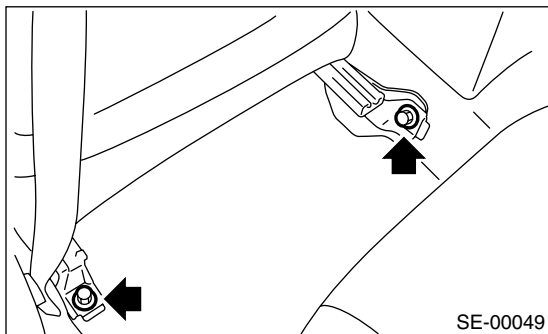
3) Tilt forward the backrest.

4) Move the seat to full front end.

5) Remove the bolt cover at rear end of slide rail.

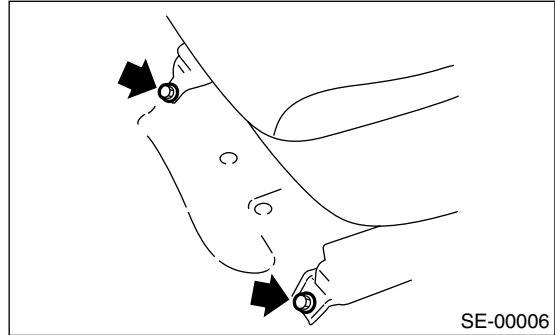


6) Remove the two bolts at rear side of seat rail.



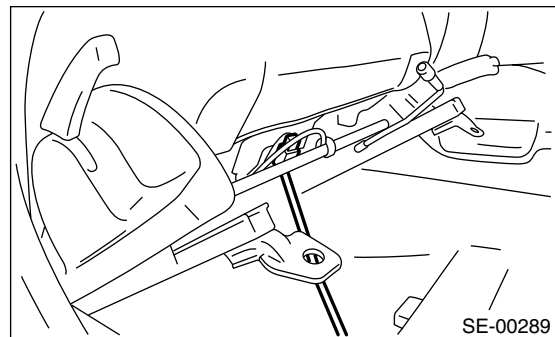
7) Move the seat to full rear end.

8) Remove the two bolts at front side of seat rail.



9) Disconnect the connector under seat.

- Seat belt warning light connector (Driver's seat)
- Side airbag connector (with side airbag)



10) Remove the front seat from vehicle.

B: INSTALLATION

Install in the reverse order of removal.

Tightening torque:

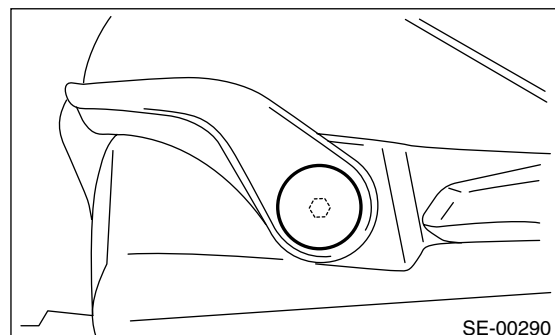
Refer to **COMPONENT** in *General Description*. <Ref. to SE-2, FRONT SEAT, COMPONENT, General Description.>

C: DISASSEMBLY

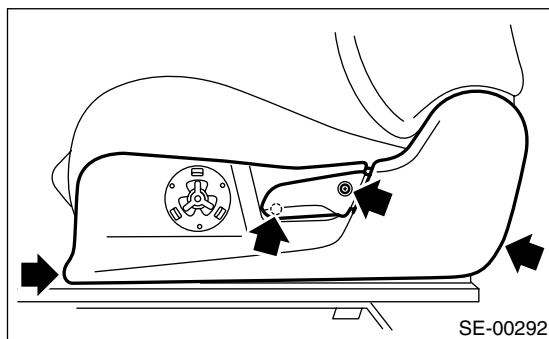
1. STANDARD SEAT

1) Remove the seat from vehicle. <Ref. to SE-6, REMOVAL, Front Seat.>

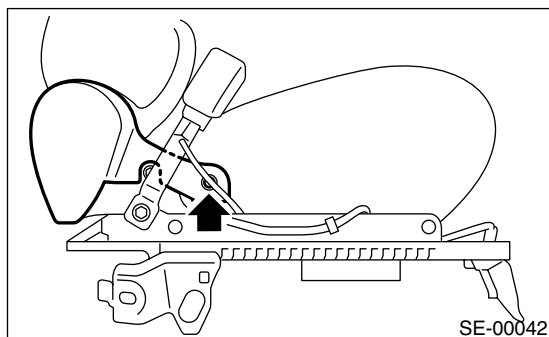
2) Remove the seat lifter cover using a flat tip screwdriver or equivalent, and then loosen the inside bolt to remove seat lifter lever.



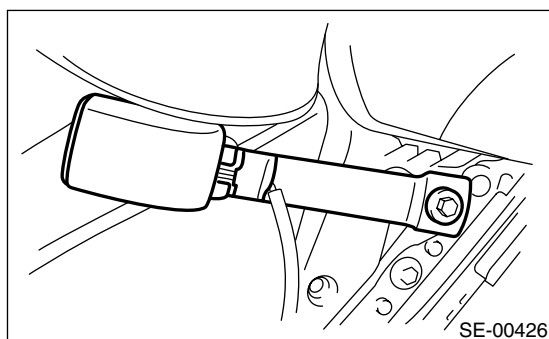
3) Remove the reclining lever and seat hinge outer cover.



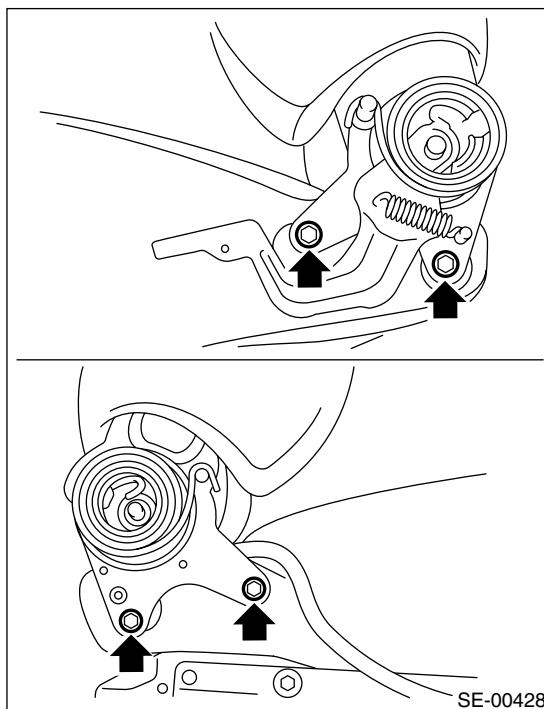
4) Remove the seat hinge inner cover.



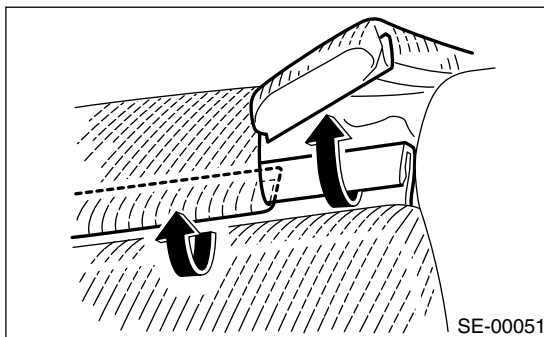
5) Remove the inner belt.



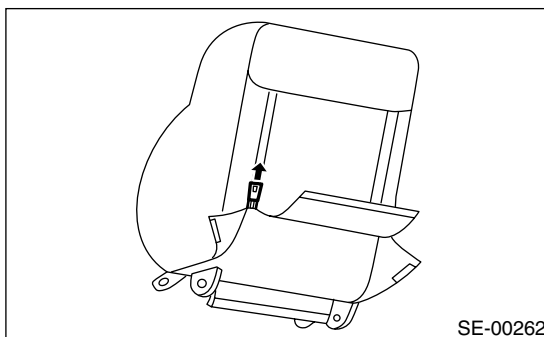
6) Remove two bolts from reclining hinge on each side.



7) Remove the hook at bottom of backrest.



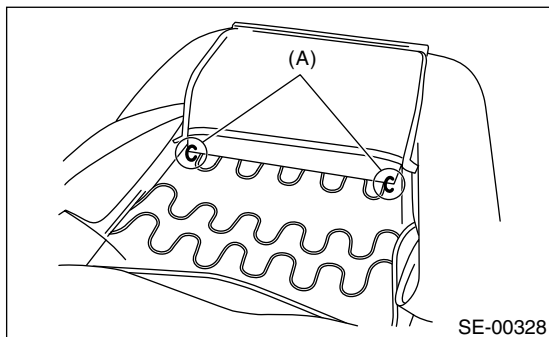
8) Open the zipper behind of backrest.



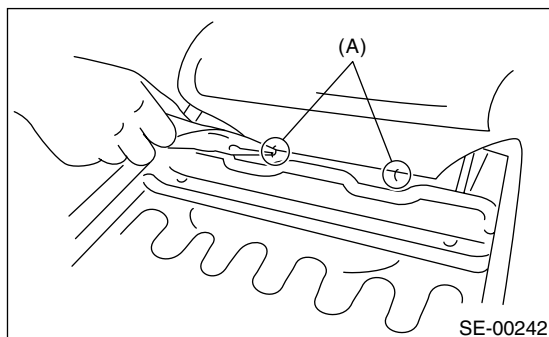
Front Seat

SEATS

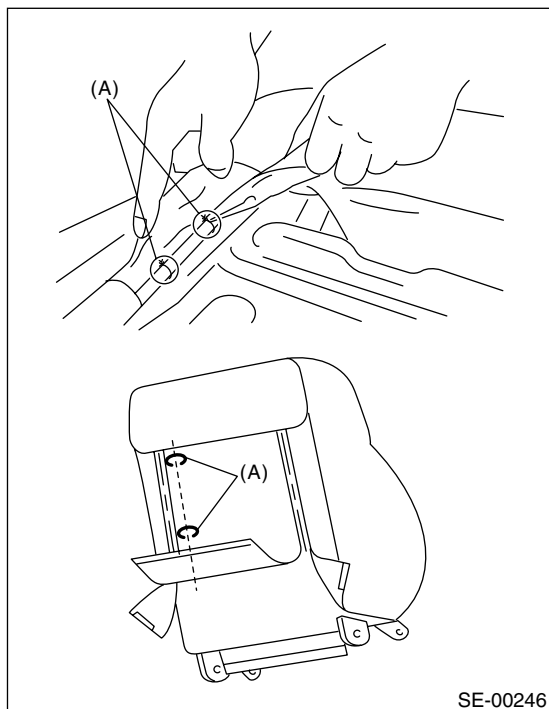
9) Remove the hog rings (A) of backrest cover.



10) Remove the hog rings (A) which secure the backrest cover and backrest pad.



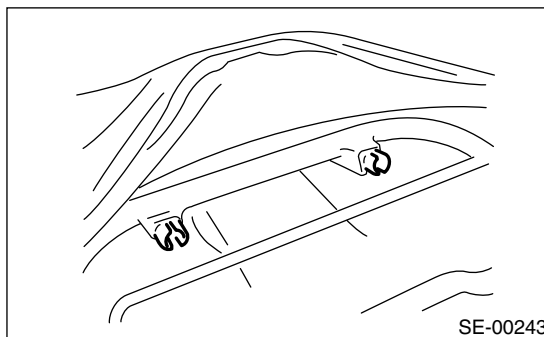
11) Open the zipper behind of backrest cover, and then remove the hog rings (A) at side of inside backrest from backrest frame. (Side airbag equipped seat)



12) Remove the headrest bushes.

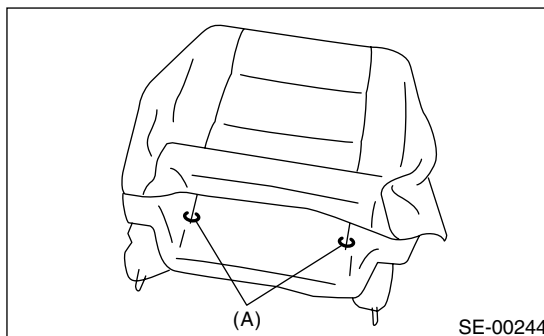
NOTE:

Push the headrest bushes to outside of seat from inside, and then remove them.

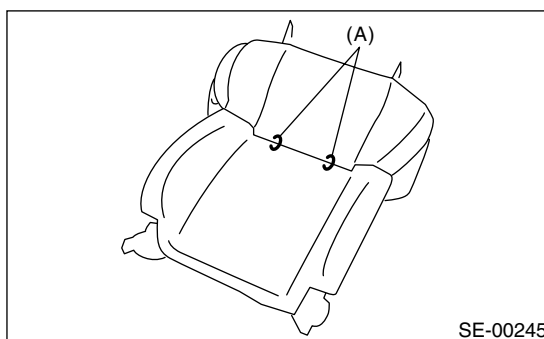


13) Pull out the backrest frame.

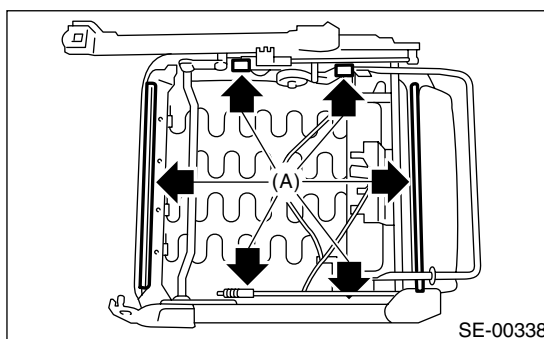
14) Remove the hog rings (A) at bottom of seat back. (Side airbag equipped seat)



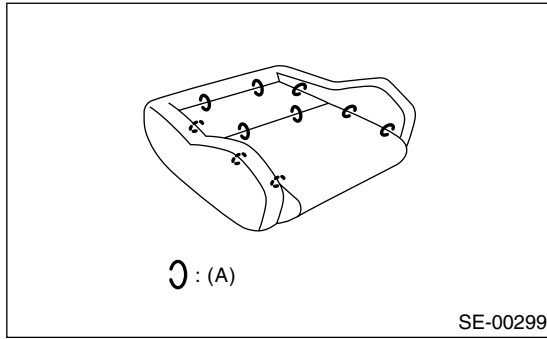
15) Remove the hog rings (A) at front of seat back, and then remove the seat back cover from seat back.



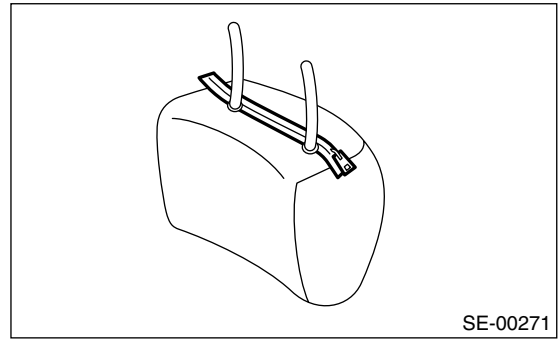
16) Remove the hooks (A), and then remove the seat cushion frame assembly.



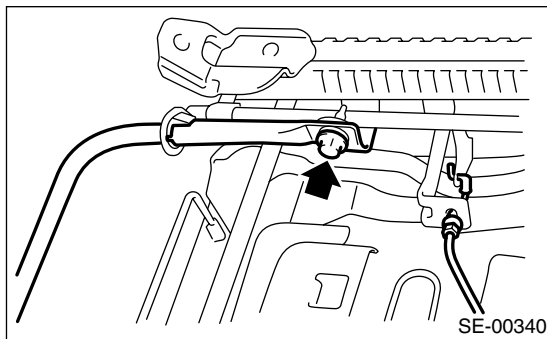
17) Remove the hog rings (A), and then remove the seat cushion cover from seat cushion pad.



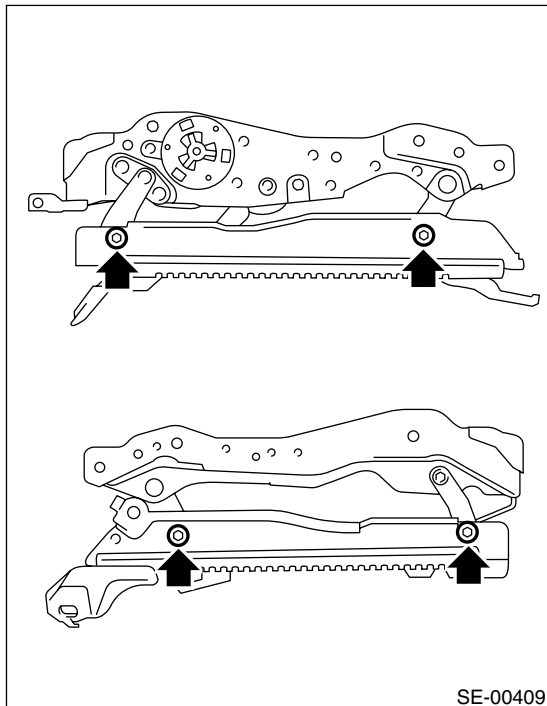
20) Open the zipper at bottom of headrest, and then remove the headrest cover from headrest.



18) Remove the bolt of sliding adjustment bar and connecting wire.



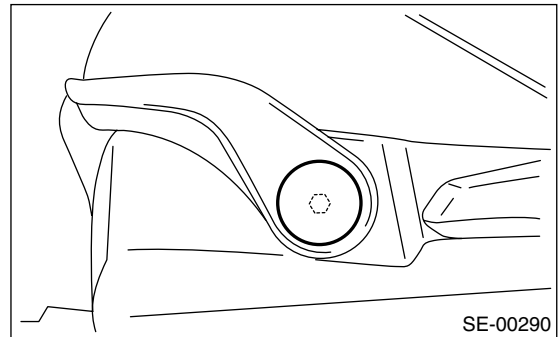
19) Remove the bolts, and then remove the slide rail.



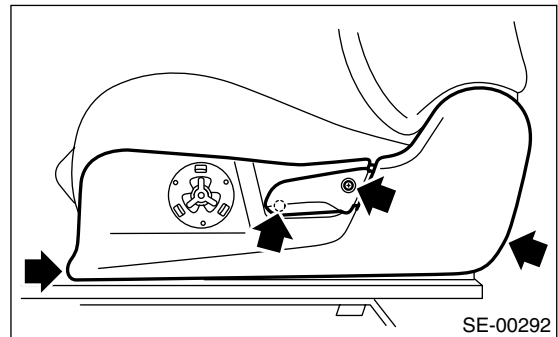
2. BUCKET TYPE SEAT

1) Remove the seat from vehicle. <Ref. to SE-6, REMOVAL, Front Seat.>

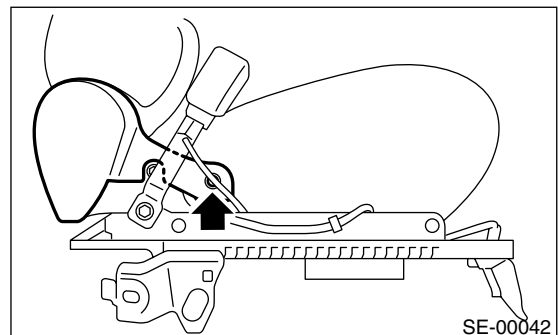
2) Remove the seat lifter cover using a flat tip screwdriver or equivalent, and then loosen inside bolt to remove seat lifter lever.



3) Remove the reclining lever and seat hinge outer cover.



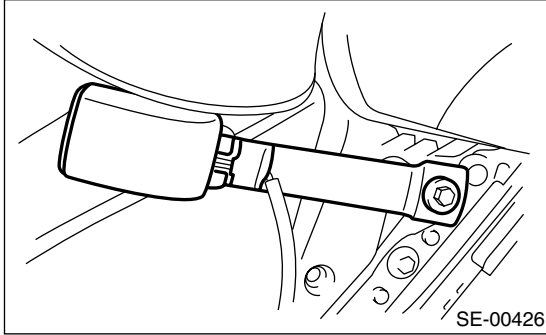
4) Remove the seat hinge inner cover.



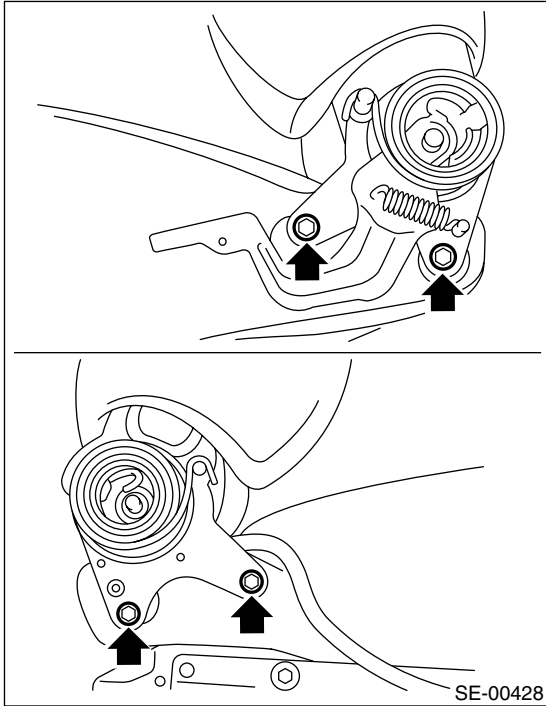
Front Seat

SEATS

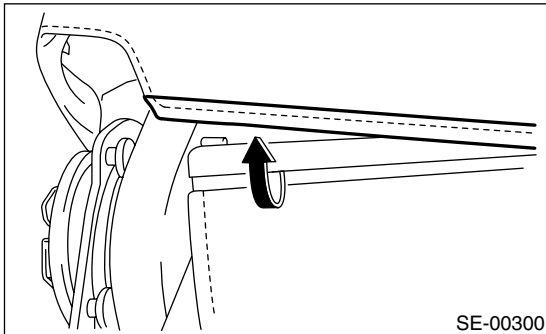
5) Remove the inner belt.



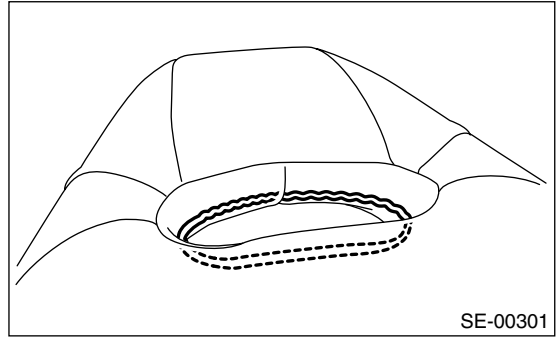
6) Remove two bolts from reclining hinge on each side.



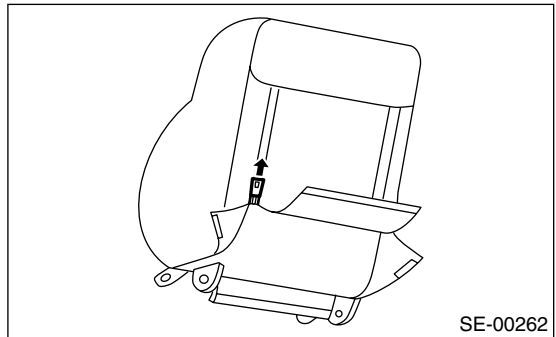
7) Remove the hook at bottom of backrest.



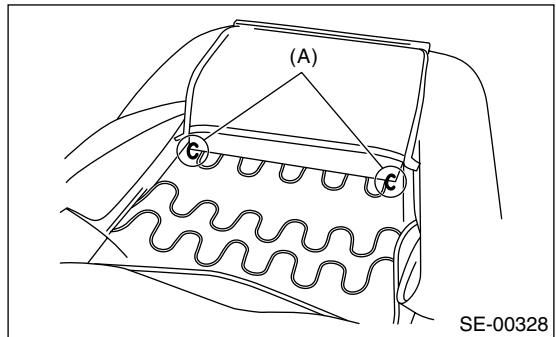
8) Open the zipper, and then pull out the backrest frame. (Side airbag not equipped seat)



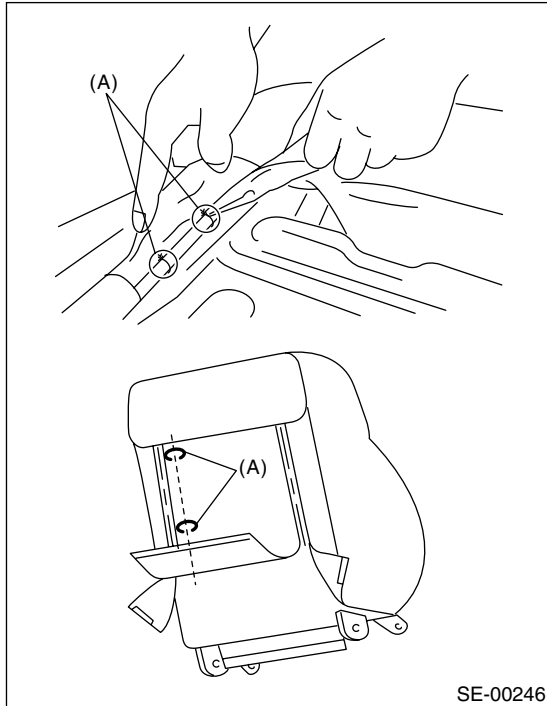
9) Open the zipper behind of backrest. (Side airbag equipped seat)



10) Remove the hog rings (A) of backrest cover. (Side airbag equipped seat)

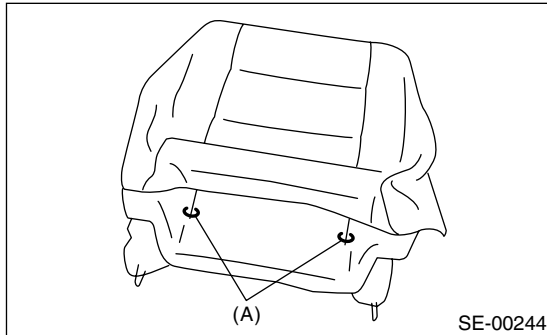


11) Open the zipper behind of backrest cover, and then remove the hog rings (A) at side of inside backrest from backrest frame. (Side airbag equipped seat)

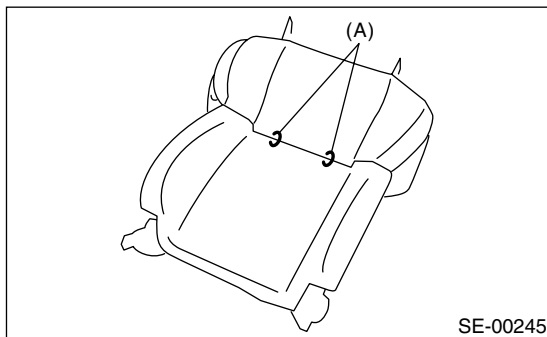


12) Pull out the backrest frame. (Side airbag equipped seat)

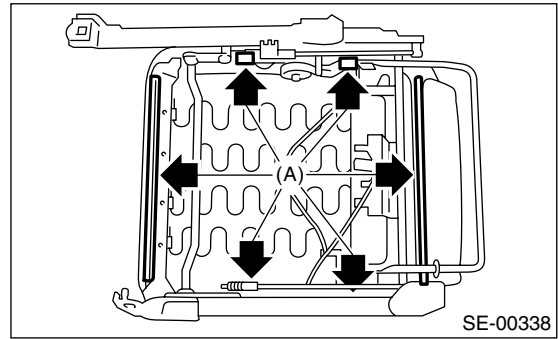
13) Remove the hog rings (A) at bottom of seat back. (Side airbag equipped seat)



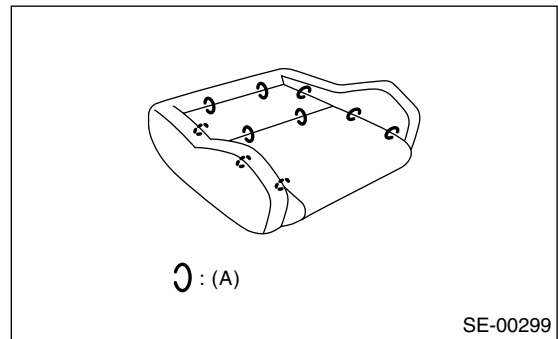
14) Remove the hog rings (A) at front of seat back, and then remove the seat back cover from seat back. (Side airbag equipped seat)



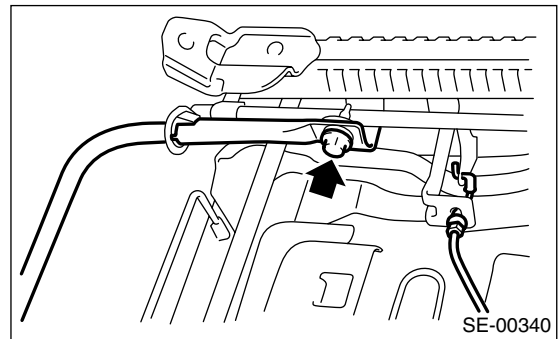
15) Remove the hooks (A), and then remove the seat cushion frame assembly.



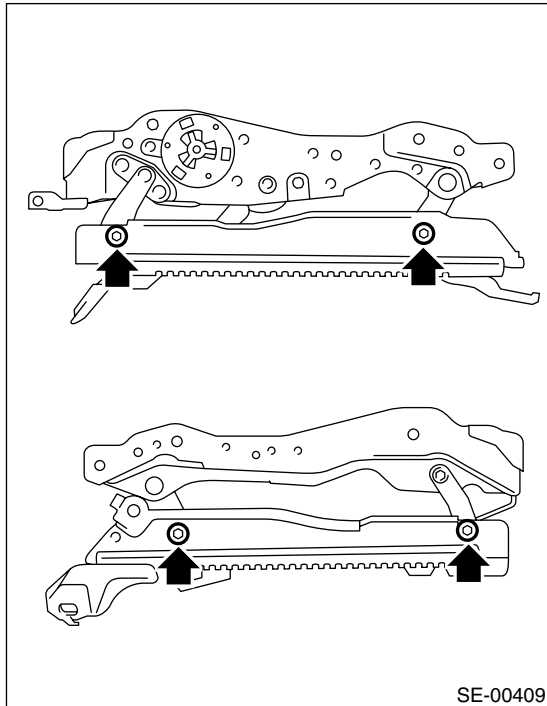
16) Remove the hog rings (A), and then remove the seat cushion cover from seat cushion pad.



17) Remove the bolt of sliding adjustment bar and connecting wire.



18) Remove the bolts, and then remove the slide rail.



D: ASSEMBLY

1. STANDARD SEAT

Assemble in the reverse order of disassembly.

2. BUCKET TYPE SEAT

Assemble in the reverse order of disassembly.

CAUTION:

Because it may cause the side airbag to activate incorrectly, observe the following steps to install the side airbag correctly.

- Be careful not to dirty or damage the backrest cover.
- Always use new hog rings.
- Secure the hog ring using hog ring pliers.
- Install the hog ring to its original position, and not to twist or wrinkle the backrest cover.

Tightening torque:

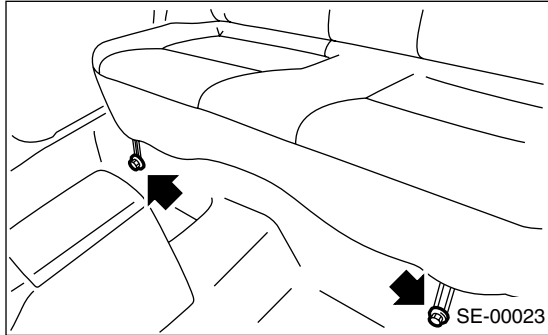
Refer to “COMPONENT” of “General Description”. <Ref. to SE-2, FRONT SEAT, COMPONENT, General Description.>

3. Rear Seat

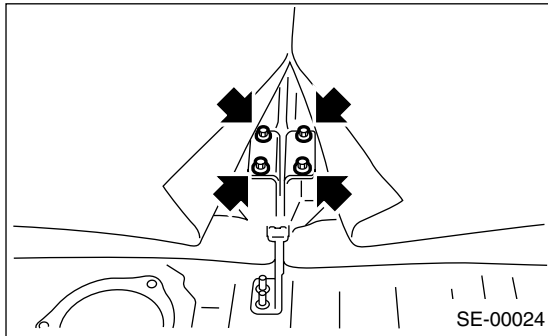
A: REMOVAL

1. WAGON MODEL

1) Remove the bolts, and then detach the rear seat cushion.



- 2) Remove the headrest.
- 3) Remove the luggage floor mat. <Ref. to EI-56, REMOVAL, Luggage Floor Mat.>
- 4) Turn over the mat to remove the bolts.

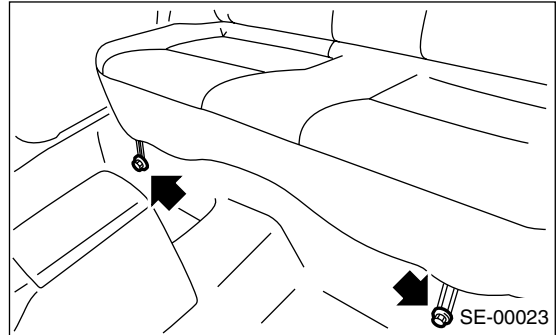


5) Remove the rear seat backrest.

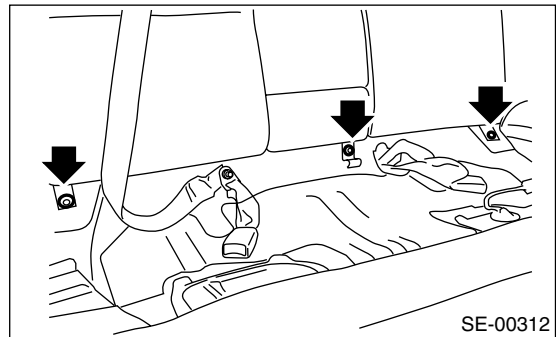


2. SEDAN MODEL

1) Remove the bolts, and then detach the rear seat cushion.



2) Remove the bolts securing lower portion of backrest and then open the center trunk through lid.



3) Lift the rear seat backrest and then remove it.

B: INSTALLATION

1. WAGON MODEL

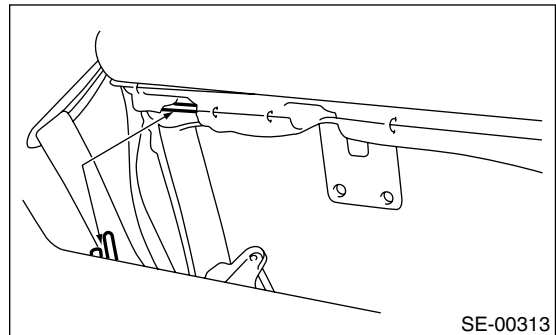
Install in the reverse order of removal.

Tightening torque:

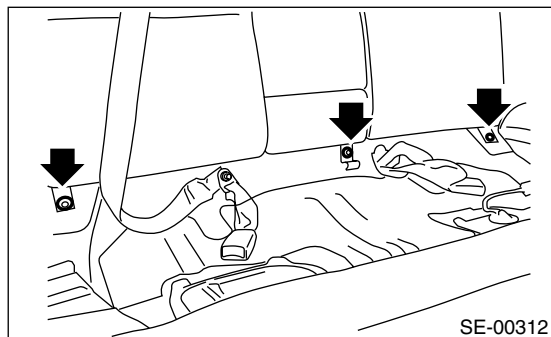
Refer to COMPONENT in General Description. <Ref. to SE-4, REAR SEAT (WAGON MODEL), COMPONENT, General Description.>

2. SEDAN MODEL

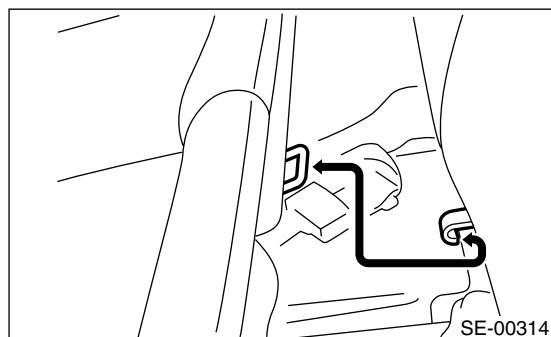
1) Hook and fasten the upper-back side of the rear seat backrest to the body hook.



2) Tighten the bolts.



3) Hook and fasten the seat cushion to the hook on the lower part of the rear seat backrest.



Tightening torque:

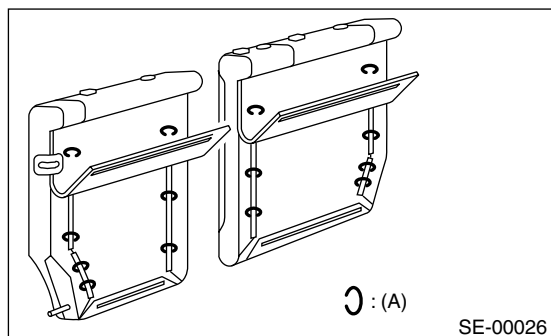
Refer to **COMPONENT** in *General Description*. <Ref. to SE-4, REAR SEAT (WAGON MODEL), COMPONENT, General Description.>

C: DISASSEMBLY

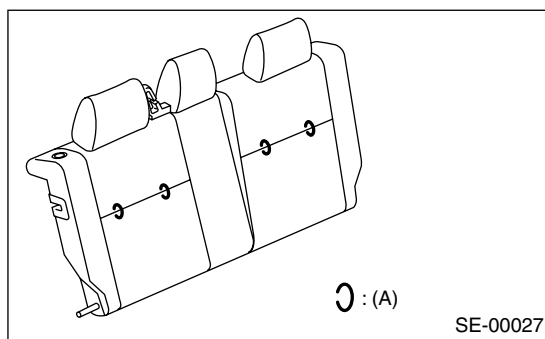
1. WAGON MODEL

1) Remove the rear seat. <Ref. to SE-13, WAGON MODEL, REMOVAL, Rear Seat.>

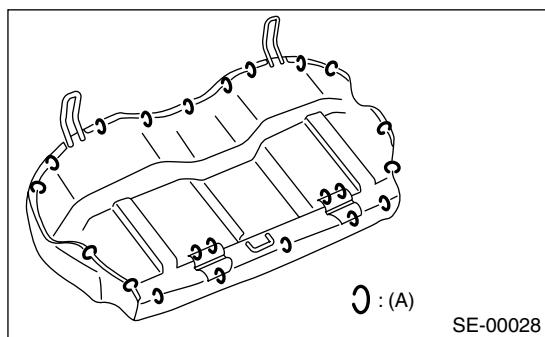
2) Remove the hog rings (A) behind of seat backrest.



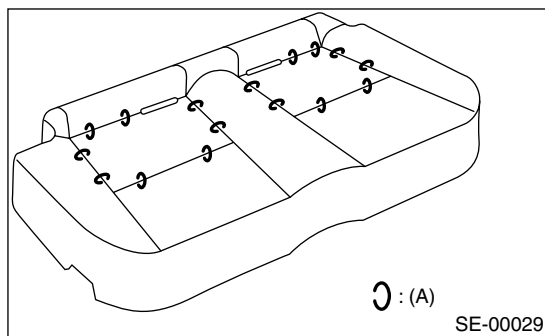
3) Remove the hog rings (A) on front side of cushion pad, and remove the cover.



4) Remove the hog rings (A) behind of seat cushion.



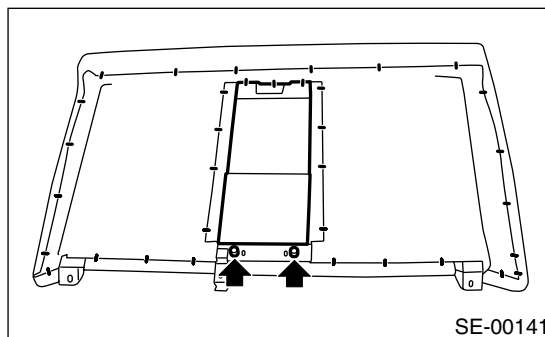
5) Remove the hog rings (A), and then remove the cover.



2. SEDAN MODEL

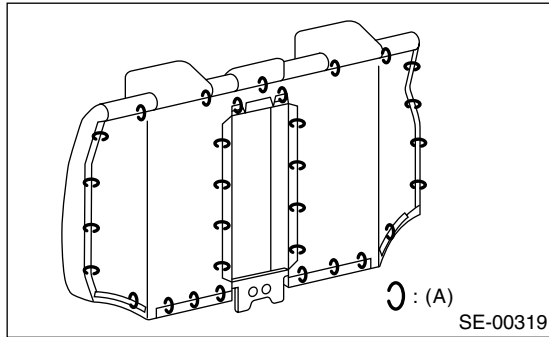
1) Remove the rear seat. <Ref. to SE-13, SEDAN MODEL, REMOVAL, Rear Seat.>

2) Remove two nuts, and then remove the armrest assembly.

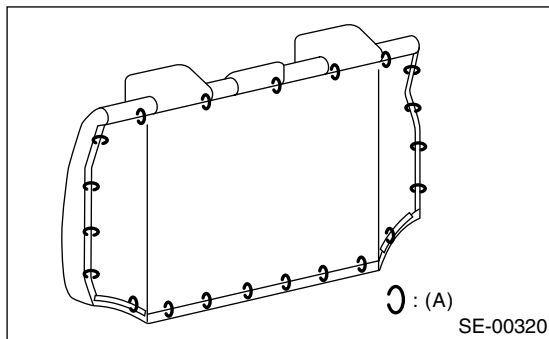


3) Remove the hog rings (A) behind of seat backrest.

- Armrest through type MODEL

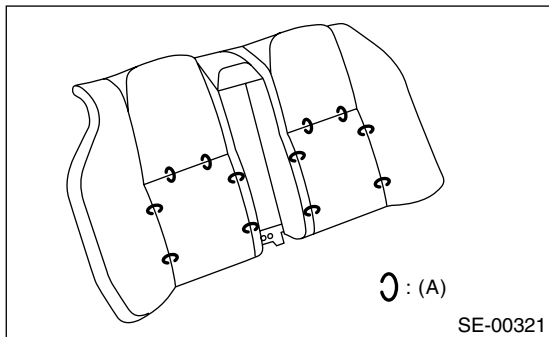


- Unified type MODEL

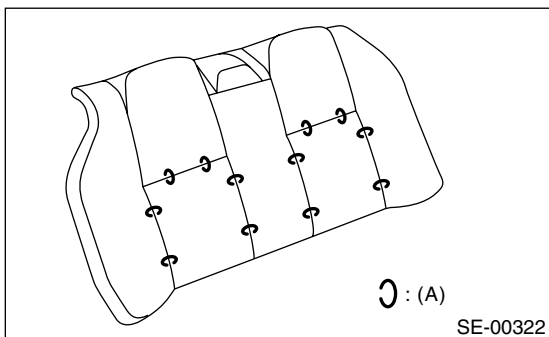


4) Remove the hog rings (A), and then remove the seat cover.

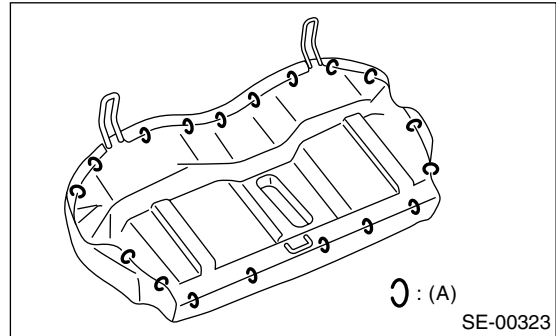
- Armrest through type MODEL



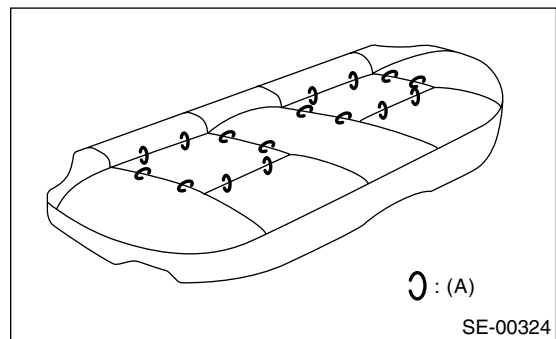
- Unified type MODEL



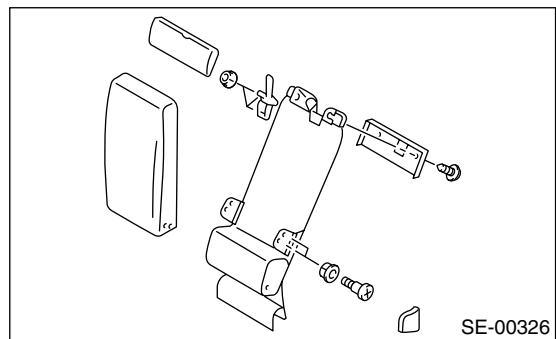
5) Remove the hog rings (A) behind of seat cushion.



6) Remove the hog rings (A), and then remove the seat cover.



7) Remove the nuts and screws, and then disassemble the armrest assembly.



D: ASSEMBLY

1. WAGON MODEL

Assemble in the reverse order of disassembly.

NOTE:

- Do not contaminate or damage the cover.
- While installing the hog rings, prevent the seat from getting wrinkled.

2. SEDAN MODEL

Assemble in the reverse order of disassembly.

NOTE:

- Do not contaminate or damage the cover.
- While installing the hog rings, prevent the seat from getting wrinkled.

Rear Seat

SEATS
