

2. Front Seat

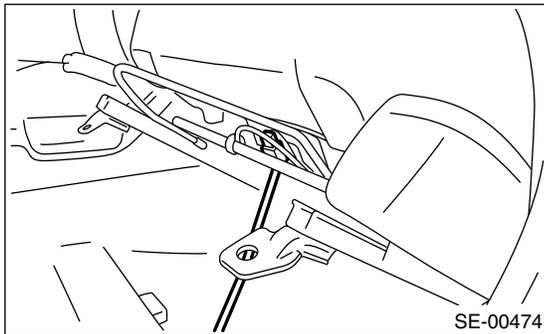
A: REMOVAL

CAUTION:

The airbag system is fitted with a backup power source. After disconnecting the battery ground cable, the airbag may deploy if you do not wait for 20 seconds before starting the repair of airbag system.

1. DRIVER'S SEAT

- 1) Remove the headrest.
- 2) Tilt the backrest forward, and move the seat forward.
- 3) Remove the rear bolt cover, and remove the two bolts at the rear side of slide rail.
- 4) Move the seat backward, and remove the two bolts at the front side of slide rail.
- 5) Disconnect the ground cable from battery, and wait for more than 20 seconds before starting work.
- 6) Disconnect the connector under the seat.
 - Seat belt buckle switch connector
 - Seat position sensor connector
 - Side airbag connector
 - Seat heater connector (Model with seat heater)
 - Power seat connector (Model with power seat)



- 7) Remove the seat from vehicle.

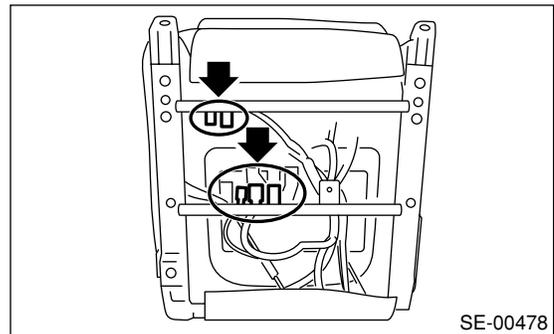
2. PASSENGER'S SEAT

CAUTION:

• Be sure to perform the system calibration for occupant detection system after seat installation, when the passenger seat has been removed or even one installing bolt for front passenger seat has been loosened. <Ref. to OD(diag)-12, SYSTEM CALIBRATION, OPERATION, Subaru Select Monitor.> Failure to do so may cause improper activation of passenger's airbag.

• Never disassemble the seat cushion frame assembly and slide rail, remove the occupant detection control module and each load cell sensor, or disconnect the harness connector, since the occupant detection control module, each load cell sensor and harness of occupant detection system (passenger's seat only) are installed as seat frame assembly.

- 1) Remove the headrest.
- 2) Tilt forward the backrest, and move the seat forward.
- 3) Remove the rear bolt cover, and remove the bolt at the rear side of slide rail.
- 4) Move the seat backward, remove the bolt cover front, and then remove the bolt at the front side of slide rail.
- 5) Remove the battery ground cable, and wait for more than 20 seconds before starting work.
- 6) Disconnect the all connector of connector holder in the seat cushion backside.

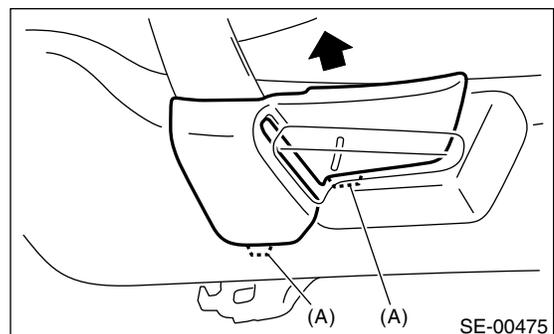


- Coupling connector of occupant detection control module
 - Side airbag connector
 - Seat harness connector
 - Power seat connector (Model with power seat)
 - Seat heater connector (Model with seat heater)
- 7) Remove the seatbelt anchor cover.

NOTE:

It is easy to work with the whole seat tilted backward.

- Manual seat

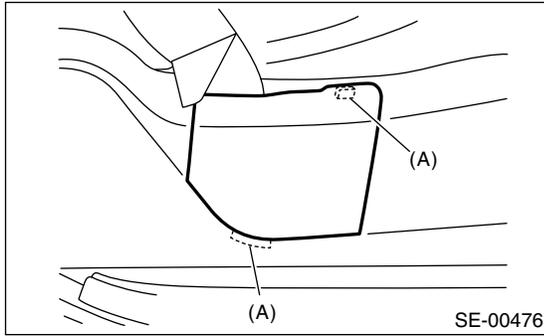


(A) Claw

Front Seat

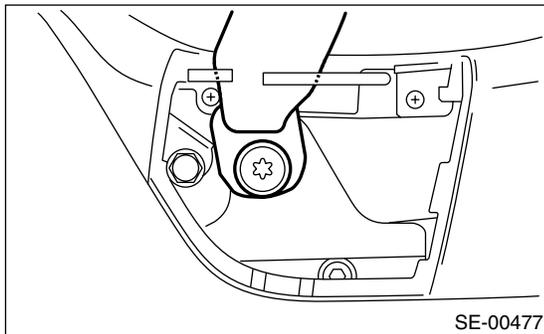
SEATS

- Power seat



(A) Claw

- 8) Loosen the TORX® bolt to remove seatbelt anchor.



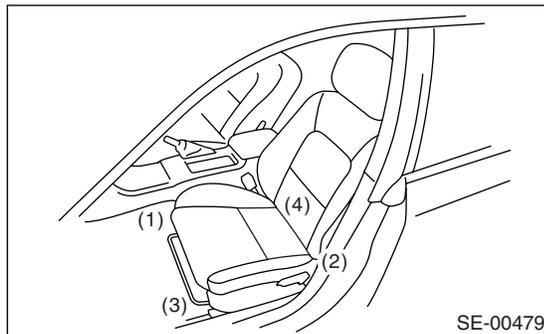
- 9) Remove the seat from vehicle.

B: INSTALLATION

Install in the reverse order of removal.

NOTE:

Tighten the slide rail installing bolt gradually in several steps to the specified torque in the order as shown in the figure.



CAUTION:

Be sure to perform the system calibration for occupant detection system after passenger's seat installation. <Ref. to OD(diag)-12, SYSTEM CALIBRATION, OPERATION, Subaru Select Monitor.> Failure to do so may cause improper activation of passenger's airbag.

Tightening torque:

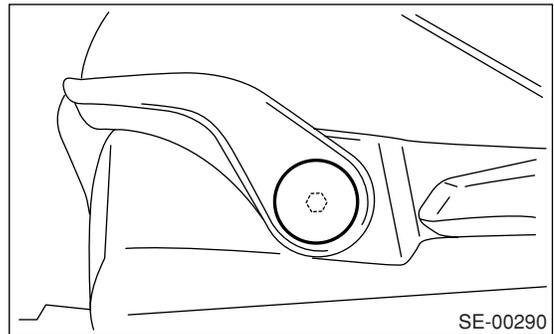
Refer to "COMPONENT" of "General Description". <Ref. to SE-2, COMPONENT, General Description.>

C: DISASSEMBLY

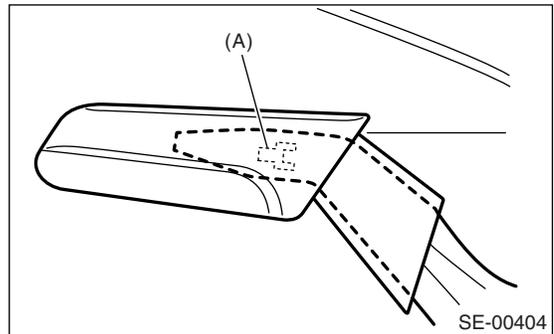
1. DRIVER'S SEAT

- MANUAL SEAT

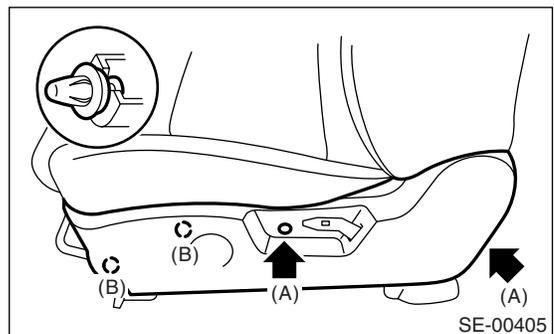
- 1) Remove the seat from vehicle. <Ref. to SE-9, REMOVAL, Front Seat.>
- 2) Remove the seat lifter cover using a flat tip screwdriver and loosen the inner bolt to remove seat lifter lever.



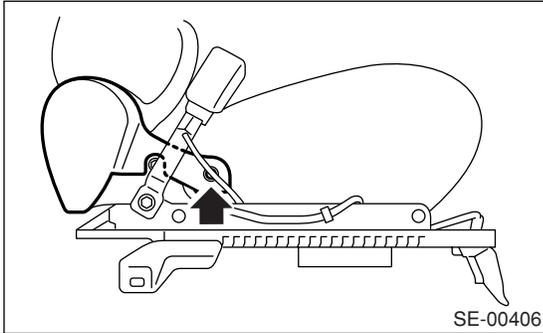
- 3) Remove the hook (A) and detach reclining lever cover.



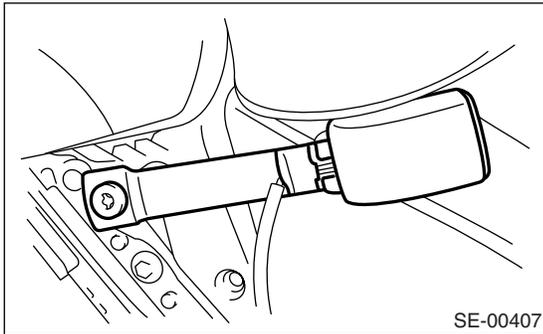
- 4) Remove the screws (A) and clips (B), and then detach the seat side cover outside.



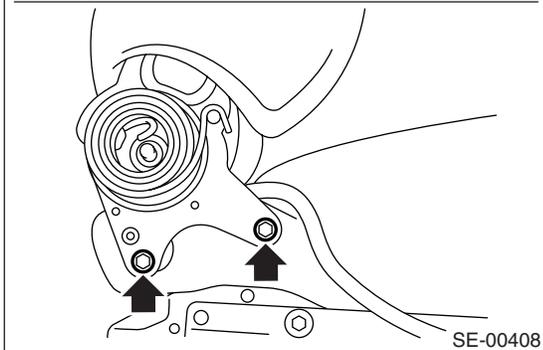
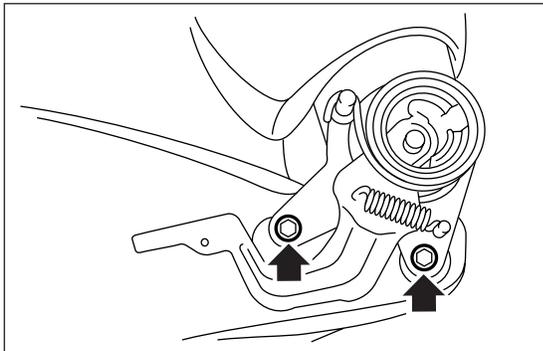
5) Loosen the screws to detach seat side cover inside.



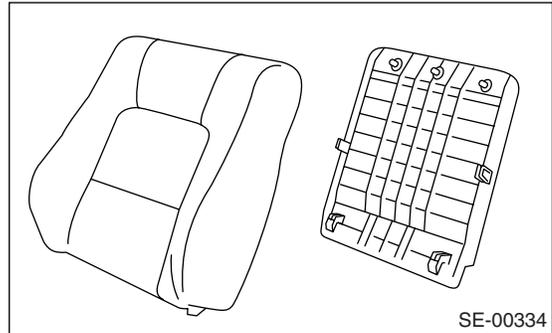
6) Remove the TORX® bolt, and then remove the inner seat belt.



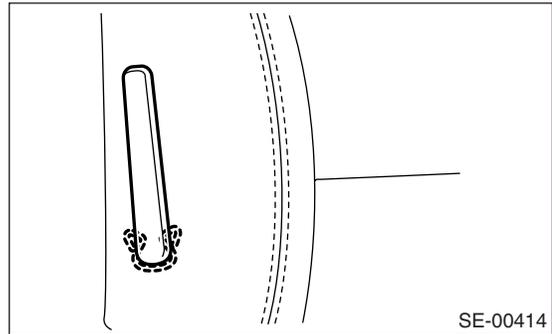
7) Remove the two bolts from reclining hinge on each side.



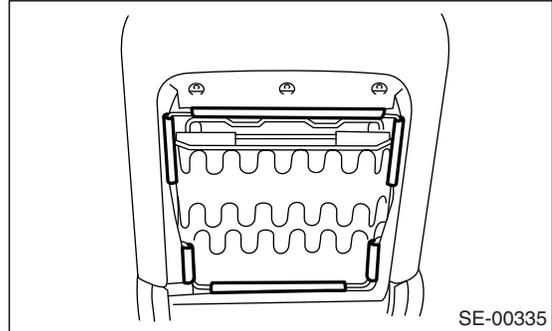
8) Remove the clips and hooks, and then detach the backrest back cover.



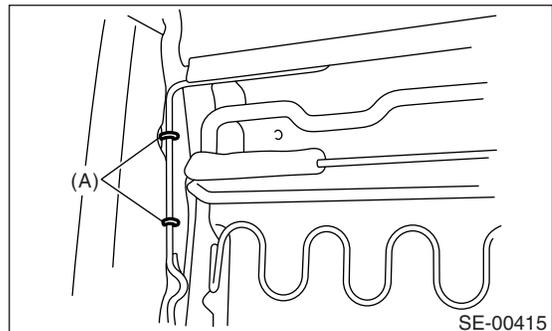
9) Remove the lock clip, and then remove the lumbar support lever.



10) Remove the hooks at the rear side of backrest.



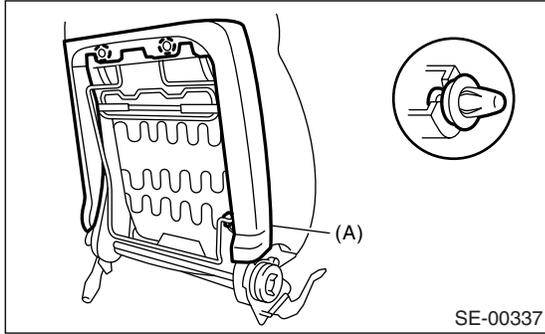
11) Remove the hog rings (A) in the side airbag module installation side.



Front Seat

SEATS

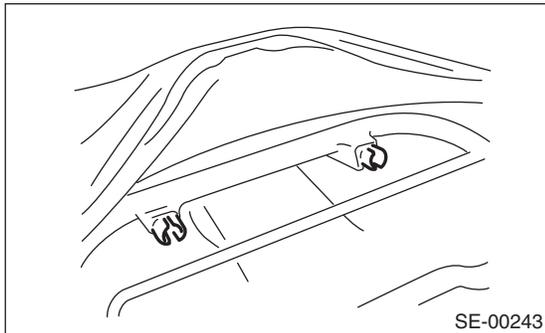
12) Remove the cover frame (A).



13) Remove the headrest lock bushing.

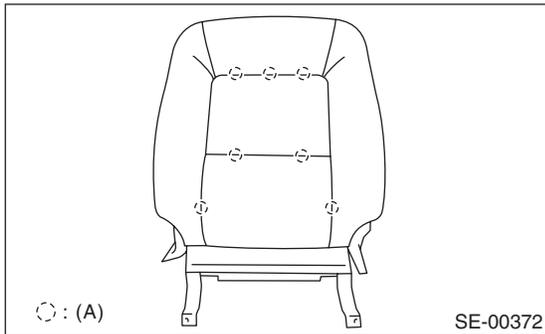
NOTE:

Push outside to remove it from the inside of seat.

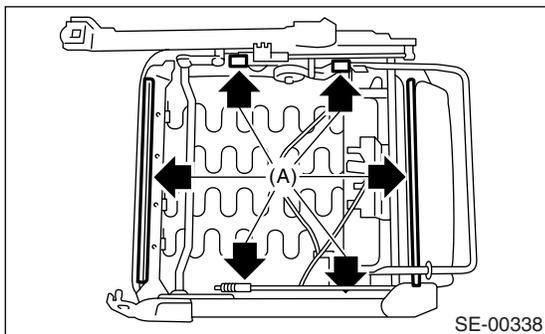


14) Pull out the backrest frame assembly.

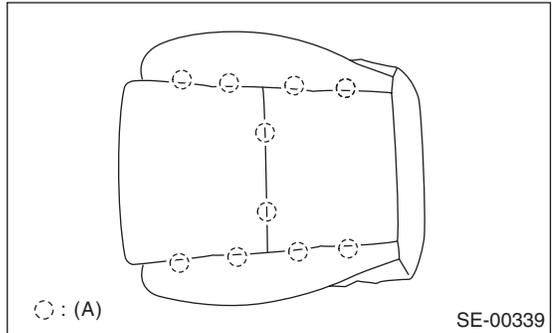
15) Remove the hog rings (A) on the front side of backrest, and then remove the backrest cover from backrest.



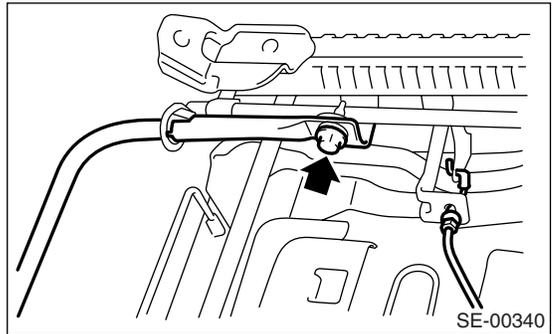
16) Remove the hooks (A), and then remove the seat cushion frame assembly.



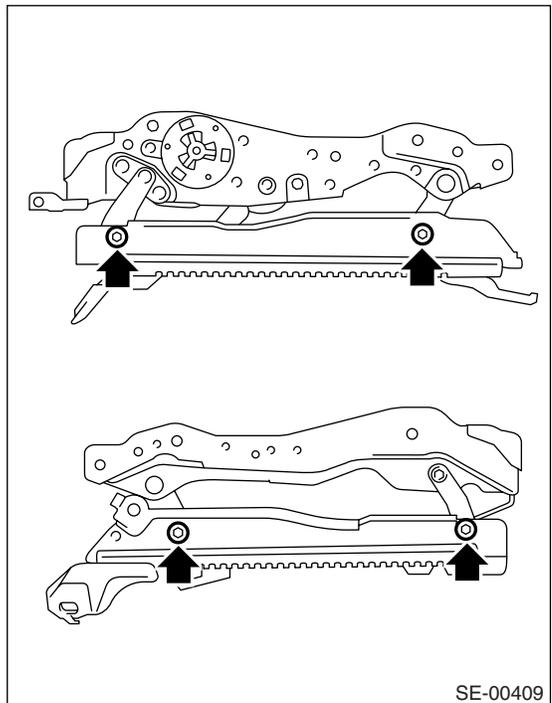
17) Remove the hog rings (A), and then remove the seat cushion cover from seat cushion pad.



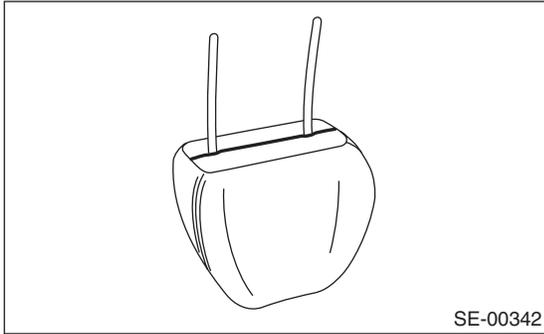
18) Remove the bolt of sliding adjustment bar and connecting wire.



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

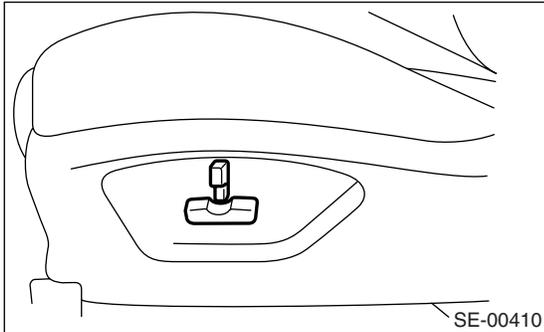


20) Remove the hooks and hog rings at the bottom of headrest, and then remove the headrest cover from headrest.

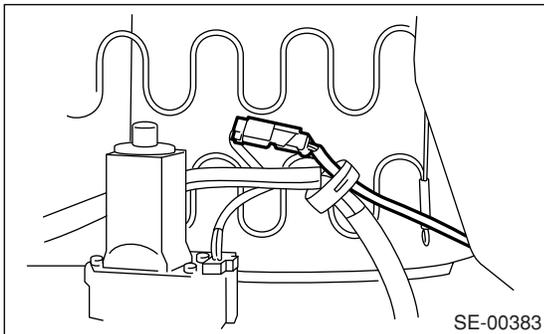


• **POWER SEAT**

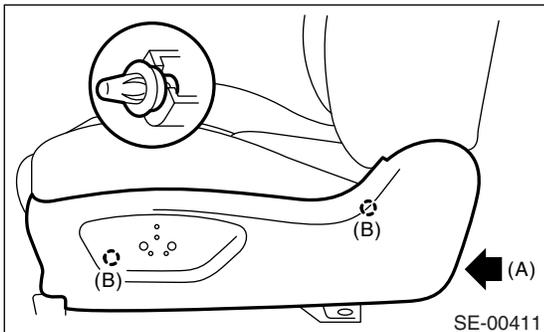
- 1) Remove the seat from vehicle. <Ref. to SE-9, REMOVAL, Front Seat.>
- 2) Remove the seat switch knob.



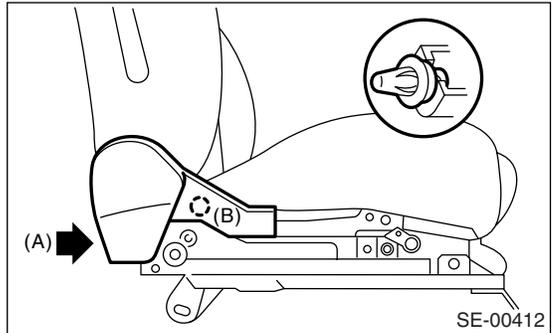
3) Disconnect the connector of reclining motor from the back of seat cushion.



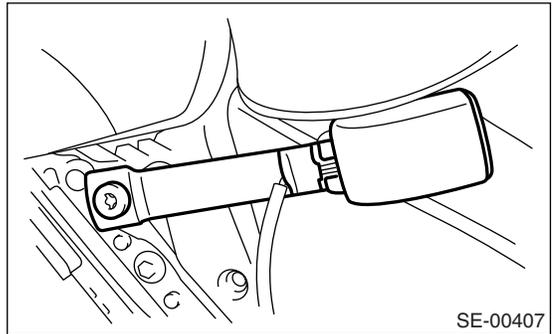
4) Remove the screw (A) and clips (B), and then disconnect the seat switch connector to remove seat side cover outside.



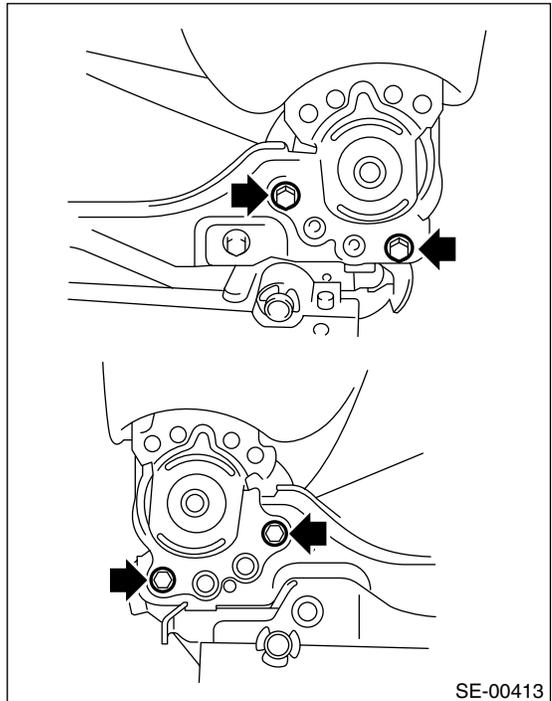
5) Remove the screw (A) and clip (B), and then remove the seat side cover inside.



6) Remove the TORX® bolt, and then remove the inner seat belt.



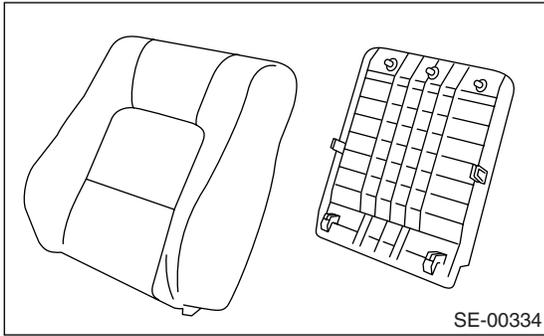
7) Remove the two bolts from the reclining hinge on each left and right side.



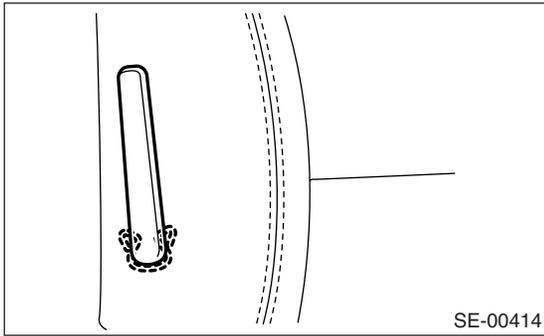
Front Seat

SEATS

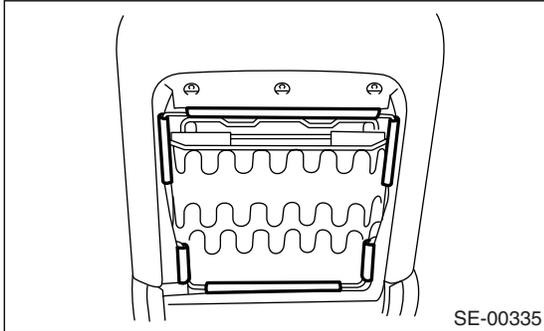
8) Remove the clips and hooks, and then detach the backrest back cover.



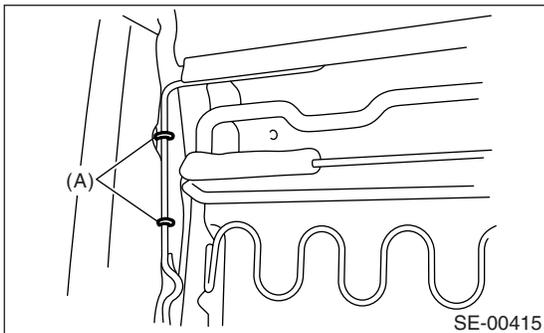
9) Remove the lock clip, and then remove the lumbar support lever.



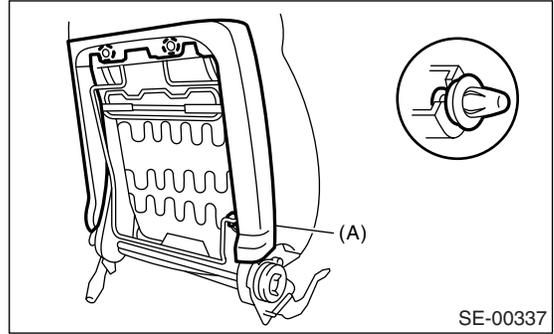
10) Remove the hooks at the rear side of backrest.



11) Remove the hog rings (A) in the side airbag module installation side.



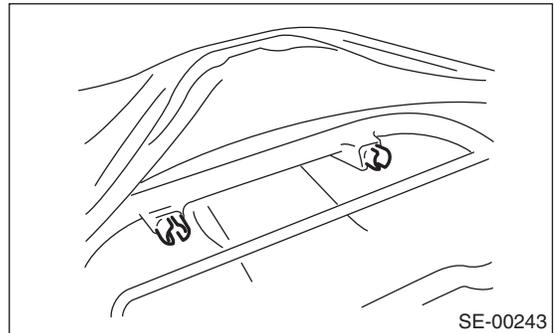
12) Remove the cover frame (A).



13) Remove the headrest lock bushing.

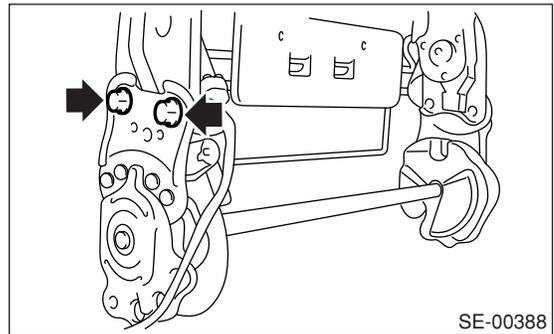
NOTE:

Push outside to remove it from the inside of seat.

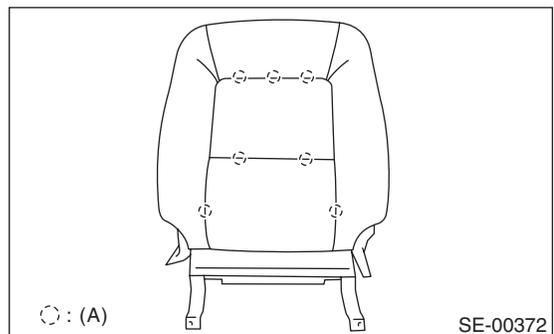


14) Pull out the backrest frame assembly.

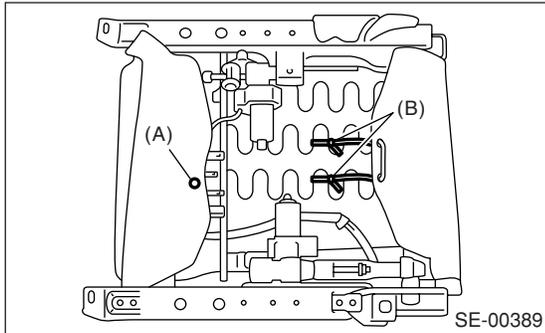
15) Remove the two bolts on each left and right side, and then remove the reclining motor assembly.



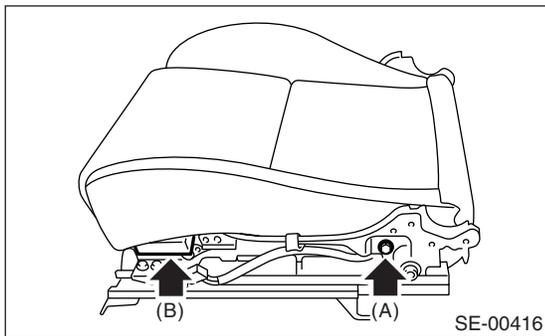
16) Remove the hog rings (A) on the front side of backrest, and then remove the backrest cover from backrest.



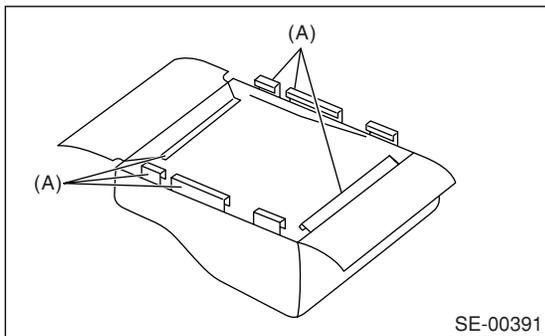
17) Remove the clip (A) and straps (B) on the back of seat cushion.



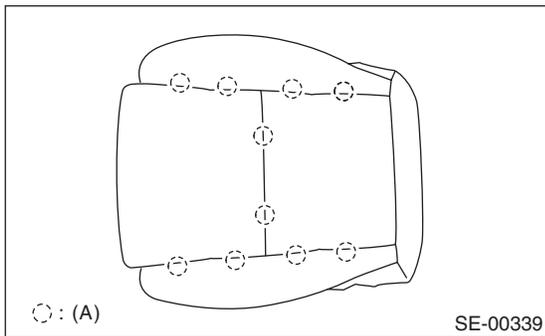
18) Remove the bolt (A) and hook (B) on left and right side, and then remove the seat cushion frame from seat rail assembly.



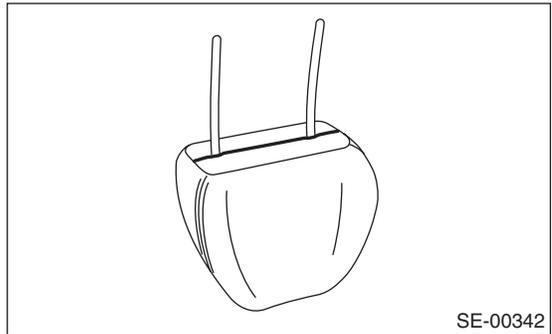
19) Remove the hooks (A), and then remove the seat cushion from seat cushion frame.



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



21) Remove the hooks and hog rings at the bottom of headrest, and then remove the headrest cover from headrest.



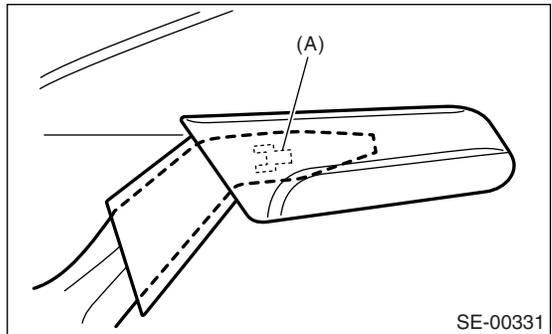
2. PASSENGER'S SEAT

• MANUAL SEAT

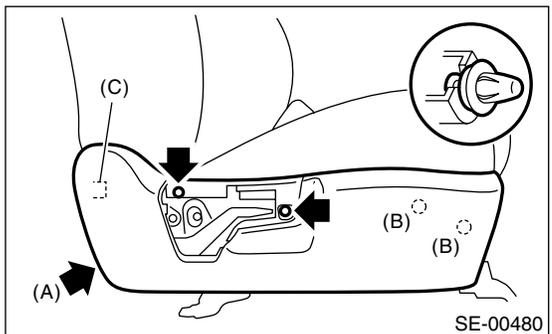
CAUTION:

Never disassemble the seat cushion frame assembly and slide rail, remove the occupant detection control module and each load cell sensor, or disconnect the harness connector, since the occupant detection control module, each load cell sensor and harness of occupant detection system (passenger's seat only) are installed as seat frame assembly.

- 1) Remove the seat from vehicle.
- 2) Remove the reclining lever cover.



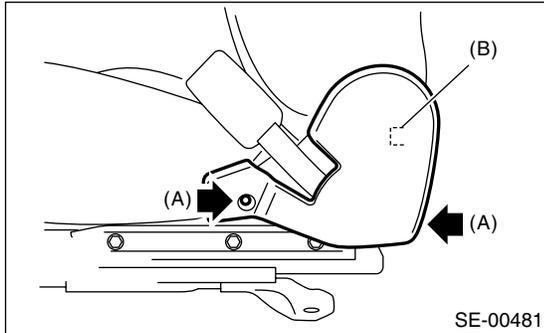
3) Remove the screw (A), clip (B) and claw (C), and then remove the seat side cover outside.



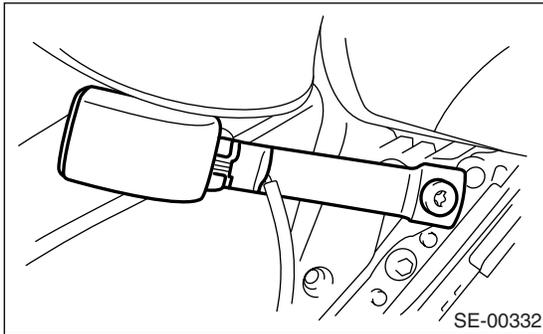
Front Seat

SEATS

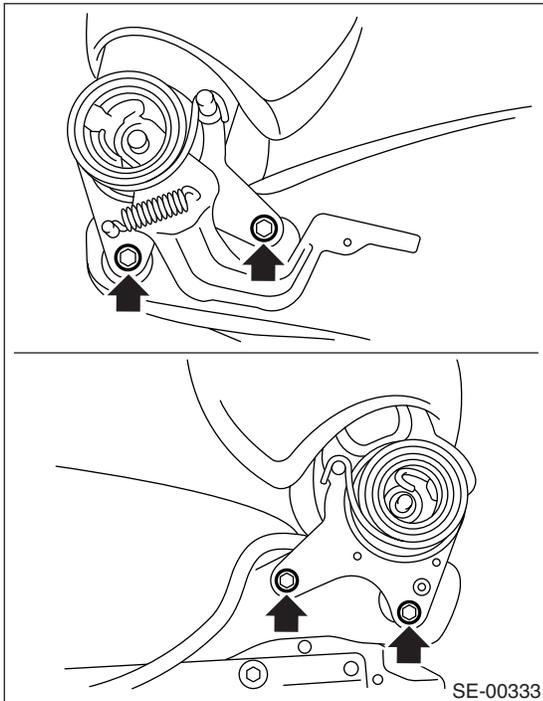
4) Remove the screw (A) and claw (B), and remove the seat side cover inside.



5) Remove the TORX® bolt to remove inner seat belt.



6) Remove the two reclining hinge bolts from each RH and LR side.

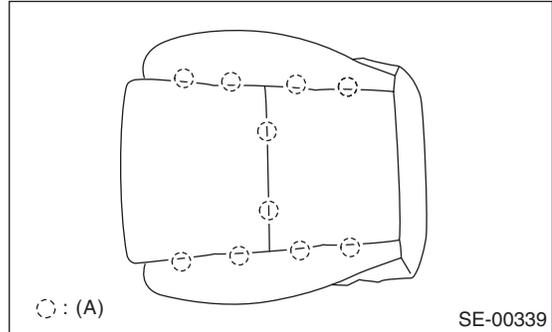


7) Remove the seat cushion pad and cover from seat cushion frame assembly.

CAUTION:

Never disassemble the seat cushion frame assembly and slide rail, remove the occupant detection control module and each load cell sensor, or disconnect the harness connector, since the occupant detection control module, each load cell sensor and harness of occupant detection system (passenger's seat only) are installed as seat frame assembly.

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



9) Refer to "DRIVER'S SEAT" for disassembly procedure of backrest and headrest.

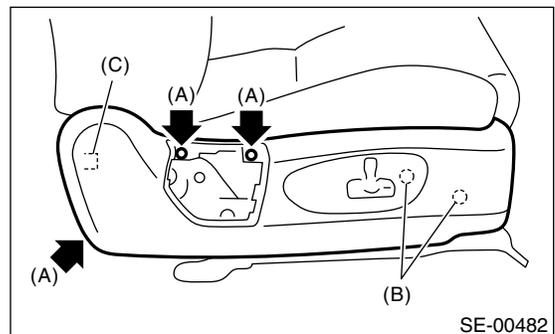
• POWER SEAT

CAUTION:

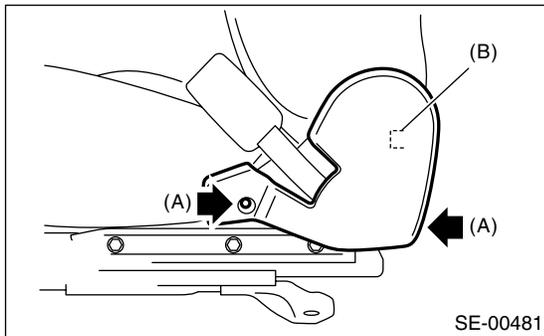
Never disassemble the seat cushion frame assembly and slide rail, remove the occupant detection control module and each load cell sensor, or disconnect the harness connector, since the occupant detection control module, each load cell sensor and harness of occupant detection system (passenger's seat only) are installed as seat frame assembly.

1) Remove the seat from vehicle.

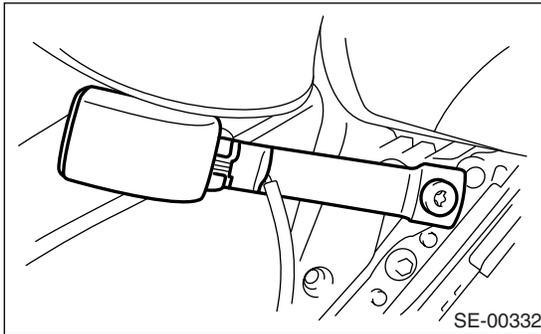
2) Remove the screw (A), clip (B) and claw (C), disconnect the connector of power seat switch, and then remove the seat side cover outside.



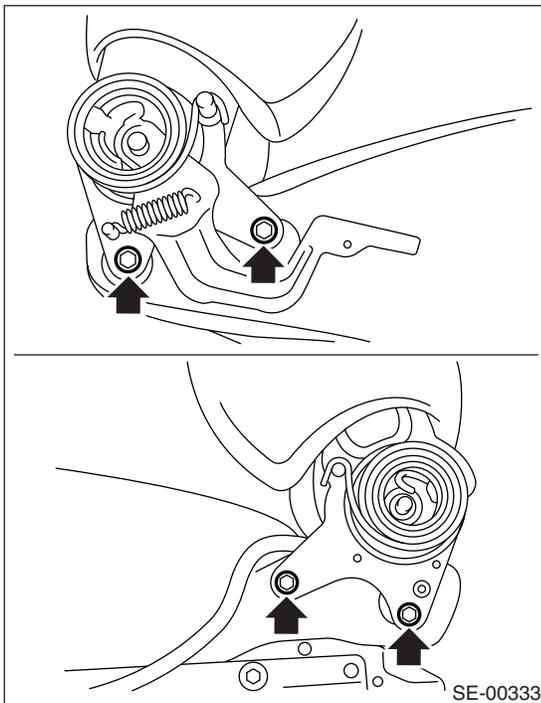
3) Loosen the screw to remove seat side cover inside.



4) Remove the TORX® bolt to remove inner seat belt.



5) Remove the two reclining hinge bolts from each RH and LH side.

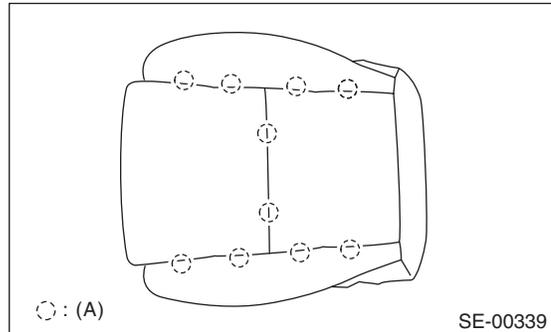


6) Remove the seat cushion pad and cover from seat cushion frame assembly.

CAUTION:

Never disassemble the seat cushion frame assembly and slide rail, remove the occupant detection control module and each load cell sensor, or disconnect the harness connector, since the occupant detection control module, each load cell sensor and harness of occupant detection system (passenger's seat only) are installed as seat frame assembly.

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



8) Refer to "DRIVER'S SEAT" for disassembly procedure of backrest and headrest.

D: ASSEMBLY

CAUTION:

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 the backrest cover.

1. DRIVER'S SEAT

Assemble in the reverse order of disassembly.

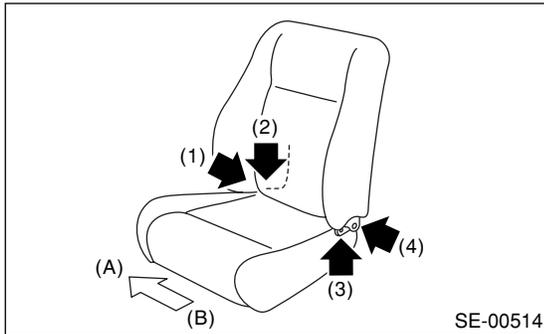
NOTE:

- Install the inner seat belt in the procedure described in "Front Seat Belt". <Ref. to SB-11, INNER SEAT BELT ASSEMBLY, INSTALLATION, Front Seat Belt.>
- Install the backrest assembly and seat cushion assembly in the following procedure.

1) Temporarily tighten the four reclining hinge bolts.

2) Place the backrest in the most upright position. (For manual seat, ensure the reclining mechanism locked securely.)

3) Tighten the reclining hinge bolts (1) — (4) in two or three steps by gradually increasing the torque until they reach the specified torque.



- (A) Vehicle inside
- (B) Vehicle outside

2. PASSENGER'S SEAT

Assemble in the reverse order of disassembly.

NOTE:

Refer to "Driver's Seat" for installation of backrest assembly and seat cushion assembly. <Ref. to SE-17, DRIVER'S SEAT, ASSEMBLY, Front Seat.>

Tightening torque:

Refer to "COMPONENT" of "General Description". <Ref. to SE-2, COMPONENT, General Description.>

E: INSPECTION

Check that no tear or fray on the backrest cover and seat cushion cover.

NOTE:

When the door side of backrest cover is torn or frayed, the side airbag may not be deployed properly. Replace it with new one in such a case.