

OVERHAUL

CAUTION:

- Wear protective gloves. Sharp surfaces on the seatback frame and seat adjuster can cause injuries to your hands.
- Work must be started at least 90 seconds after the ignition switch is turned to the LOCK position and the negative (-) terminal cable is disconnected from the battery.
(The SRS is equipped with a back-up power source. If work is started within 90 seconds from turning the ignition switch to the lock position and disconnecting the battery's negative (-) terminal cable of the battery, the SRS may deploy.)

HINT:

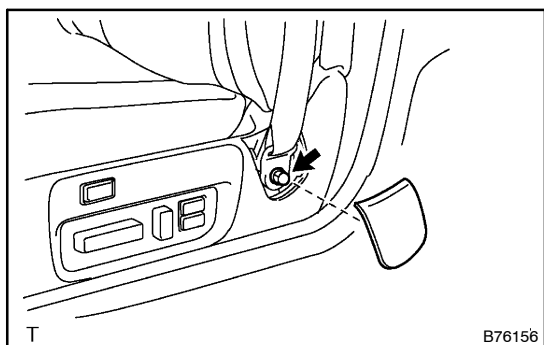
- The installation procedures are the removal procedures in reverse order. However, only installation procedures requiring additional information are included.
- Use the same procedures for the RH side and LH side.
- A bolt without torque specifications is shown in the standard bolt chart (see page 03-2).

1. REMOVE SEAT TRACK COVER

- Using a screwdriver, pry out the 4 covers.

HINT:

Tape the screwdriver tip before use.



2. REMOVE FRONT SEAT ASSY

- Using a screwdriver, pry out the seat belt anchor cover cap.

HINT:

Tape the screwdriver tip before use.

- Remove the bolt and floor anchor.
- Remove the 4 bolts and seat.
- Disconnect the connectors under the seat.

NOTICE:

Be careful not to damage the vehicle body.

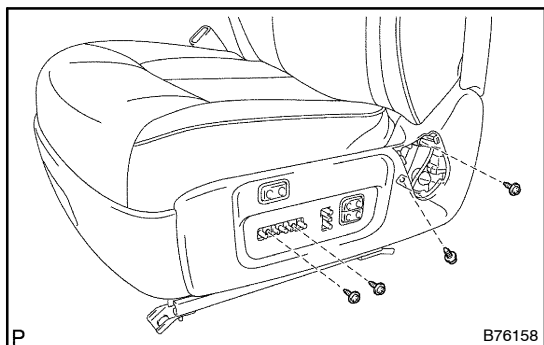
3. REMOVE FRONT SEAT CUSHION SHIELD LH

- Using a screwdriver, pry out the 2 power seat switch knobs.

HINT:

Tape the screwdriver tip before use.

- Remove the 4 screws and cushion shield.
- Disconnect the connectors.

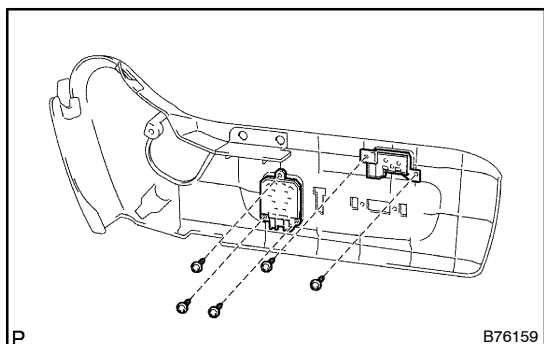


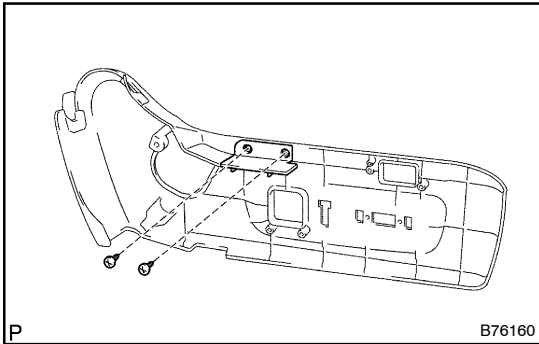
4. REMOVE SEAT VARIABLE CUSHION SWITCH

- Remove the 2 screws and cushion switch.

5. REMOVE POWER SEAT SWITCH ASSY

- w/ Dual lumbar support:
Remove the 3 screws and power seat switch.
- w/ Single lumbar support:
Remove the 2 screws and power seat switch.

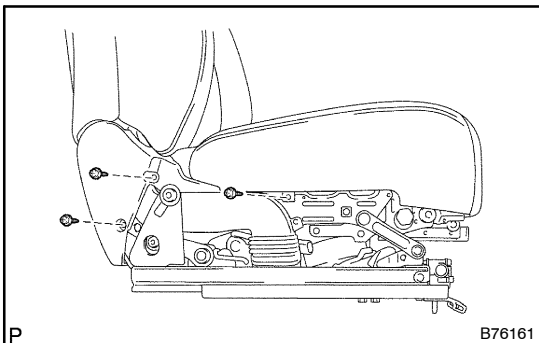


**6. REMOVE FRONT SEAT HINGE COVER LH**

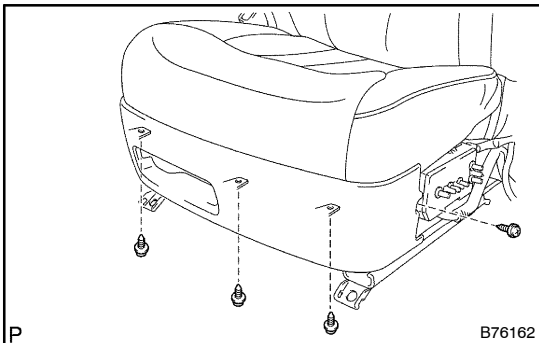
- (a) Remove the 2 screws and hinge cover.

7. REMOVE FRONT SEAT INNER BELT ASSY LH

- (a) Disconnect the connectors.
(b) Remove the bolt and inner belt.

**8. REMOVE FRONT SEAT CUSHION SHIELD INNER LH**

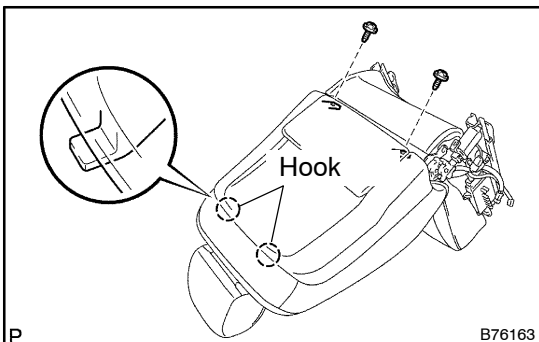
- (a) Remove the 3 screws and cushion shield inner.

**9. REMOVE FRONT SEAT CUSHION SHIELD FRONT LH**

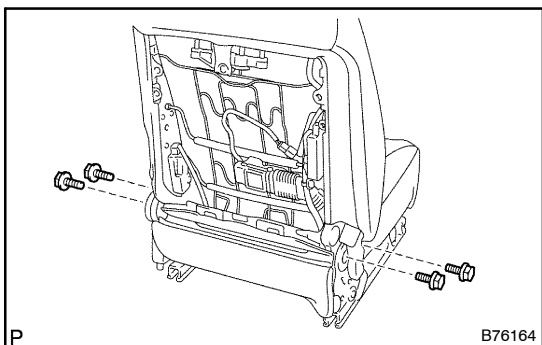
- (a) Remove the 4 screws.
(b) Slide the cushion shield front forward to remove it.

10. REMOVE POSITION CONTROL ECU & SWITCH ASSY

- (a) Remove the 3 screws and switch.

**11. REMOVE FRONT SEATBACK BOARD SUB-ASSY LH**

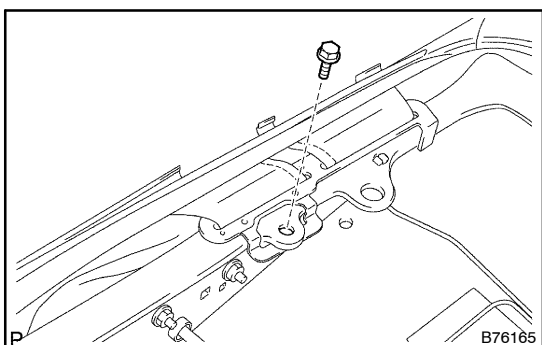
- (a) Remove the 2 screws.
(b) Disengage the 2 hooks and remove the seatback board.

**12. REMOVE FRONT SEATBACK ASSY LH**

- (a) w/ Climate control seat system:
Remove the 3 screws and disconnect the air duct.
- (b) Disconnect the connectors and disengage the clamps.
- (c) Remove the 4 bolts and seatback.

13. REMOVE FRONT SEAT HEADREST ASSY

- (a) Remove the 2 pins and headrest.

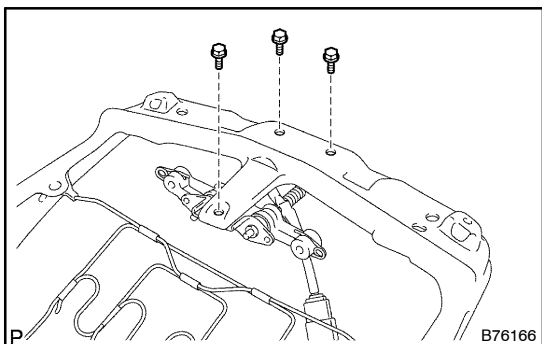
**14. REMOVE FRONT SEATBACK COVER LH**

- (a) Remove the 2 headrest supports.
- (b) Remove the bolt and seat cover hook.
- (c) Remove the hog rings and seatback cover together with the pad.

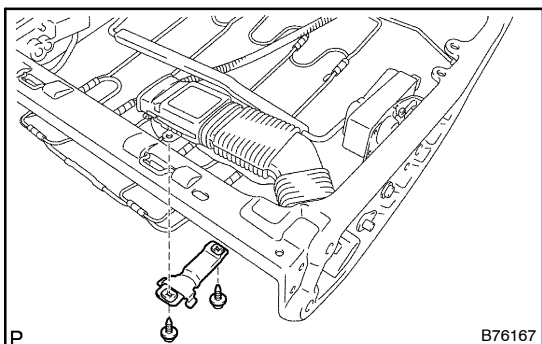
NOTICE:

Do not damage the side airbag assy.

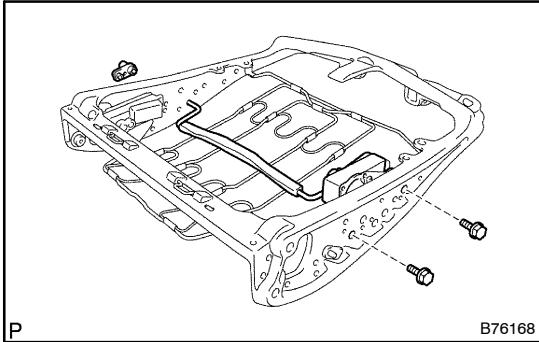
- (d) Remove the hog rings and seatback cover.

**15. REMOVE FRONT SEAT HEADREST ADJUSTER SUB-ASSY**

- (a) Disengage the connector clamps.
- (b) Remove the 3 bolts and headrest adjuster from the seat-back frame.

**16. w/ Climate control seat system:
REMOVE SEAT CLIMATE CONTROL CONTROLLER LH**

- (a) Remove the 2 screws, bracket and air duct from the seat-back frame.



17. REMOVE LUMBAR SUPPORT ADJUSTER ASSY LH (UPPER)

- (a) Remove the 2 bolts, lumbar support adjuster and spacer.

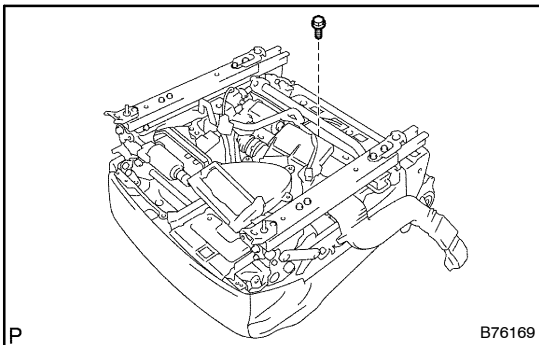
18. REMOVE LUMBAR SUPPORT ADJUSTER ASSY LH (LOWER)

HINT:

Use the same procedures described for the adjuster upper.

19. REMOVE INTERIOR ILLUMINATION LAMP SUB-ASSY

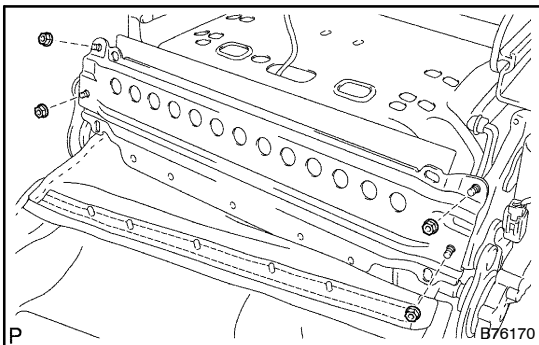
- (a) Remove the screw, clip and lamp.
(b) Disconnect the connector.



20. w/ Climate control seat system:

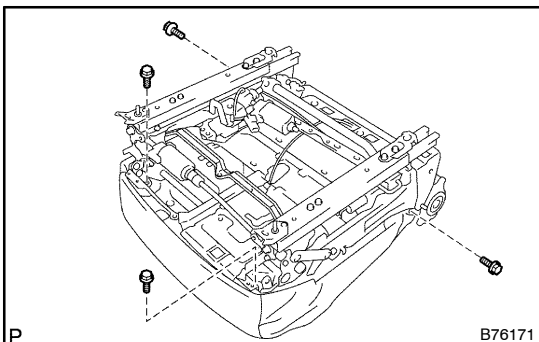
REMOVE SEAT CLIMATE CONTROL BLOWER LH

- (a) Disengage the seat cushion cover hook.
(b) Disconnect the connectors and disengage the clamps.
(c) Remove the bolt and blower.



21. REMOVE FRONT SEAT CUSHION SHIELD LOWER LH

- (a) Remove the 4 nuts and cushion shield.

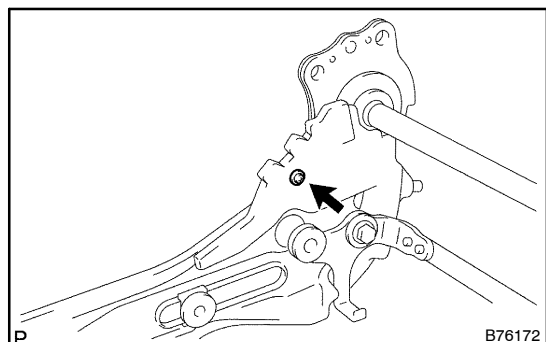


22. REMOVE FRONT SEAT CUSHION ASSY LH

- (a) Remove the 4 bolts and seat cushion assy.

23. REMOVE FRONT SEAT CUSHION COVER LH

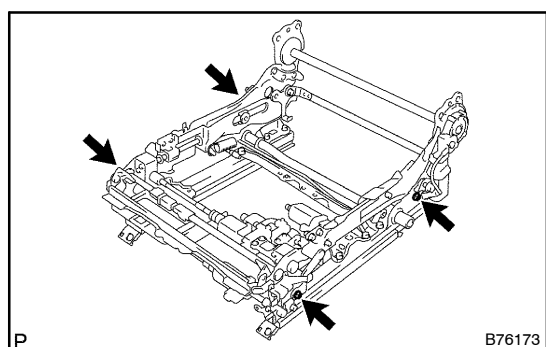
- (a) Disengage the hook and remove the hog rings and seat cushion cover together with the pad.
- (b) Remove the hog rings and cushion cover.

**24. REMOVE RECLINING ADJUSTER INSIDE COVER LH**

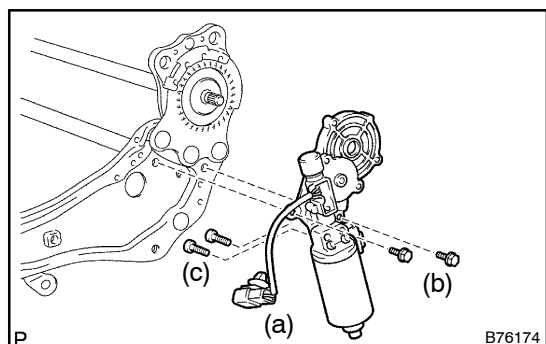
- (a) Remove the screw and cover.

25. REMOVE RECLINING ADJUSTER INSIDE COVER RH

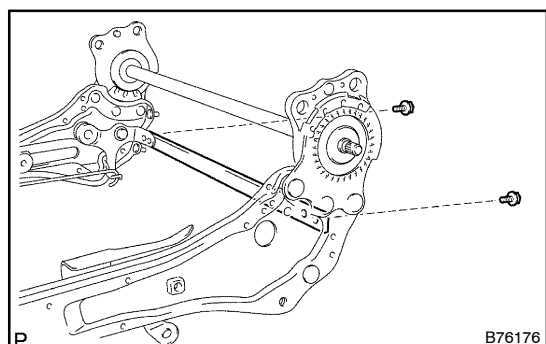
- (a) Remove the screw and cover.

**26. REMOVE POWER RECLINING ADJUSTER ASSY**

Using a torx socket wrench (T40), remove the 4 torx screws and the power reclining adjuster.

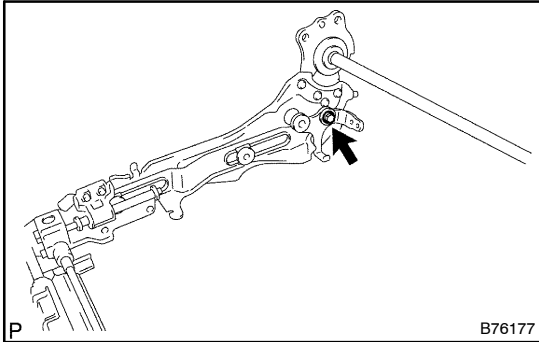
**27. REMOVE POWER SEAT MOTOR ASSY (RECLINING)**

- (a) Disconnect the connector.
- (b) Remove the 2 bolts and motor assy.
- (c) Remove the 2 screws and reclining motor from the bracket.

**28. REMOVE NO.1 SEAT CUSHION PLATE**

- (a) Remove the 2 bolts and cushion plate.

29. REMOVE FRONT SEAT CUSHION SPRING

**30. REMOVE FRONT SEAT TRAVEL LINK NO.2**

- (a) Remove the bolt and travel link.

31. REMOVE VERTICAL TRAVEL LINK

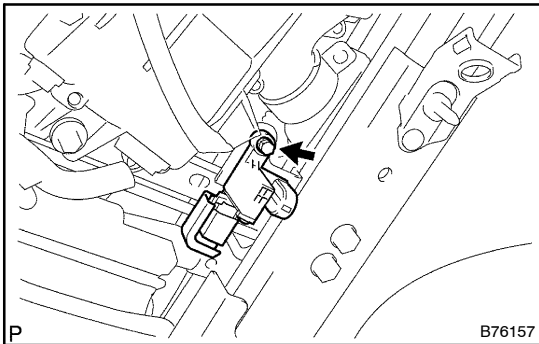
- (a) Remove the bolt and travel link.

32. REMOVE FRONT SEAT UNDER TRAY RAIL NO.2

- (a) Remove the 4 screws and tray rail.

33. REMOVE POWER SEAT MOTOR ASSY

- (a) Disconnect the connector.
(b) Remove the 2 screws each to remove the 4 motors.

**34. REMOVE SEAT POSITION AIRBAG SENSOR**

- (a) Disconnect the wire harness connector.
(b) Using a torx socket wrench (T30), remove the torx bolt and airbag sensor.

35. INSTALL SEAT POSITION AIRBAG SENSOR

- (a) Using a torx socket wrench (T30), install the airbag sensor with a new torx bolt.
Torque: 8.0 N·m (82 kgf·cm, 71 in·lbf)

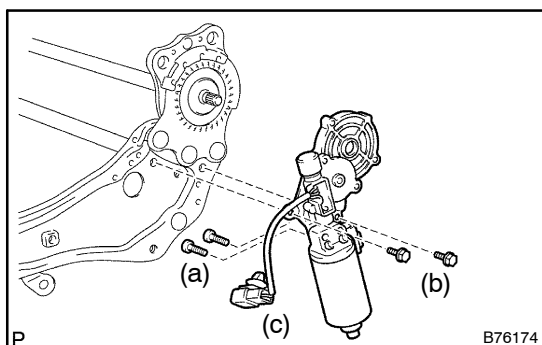
NOTICE:

- Make sure the sensor assembly is installed with the specified torque.
- If the sensor assembly has been dropped, or there are cracks, dents or other defects in the case, bracket or connector, replace the sensor assembly with a new one.
- When installing the sensor assembly, make sure the SRS wiring does not interfere with other parts and is not pinched between other parts.
- After installation, shake the sensor assembly to check that there is no looseness.

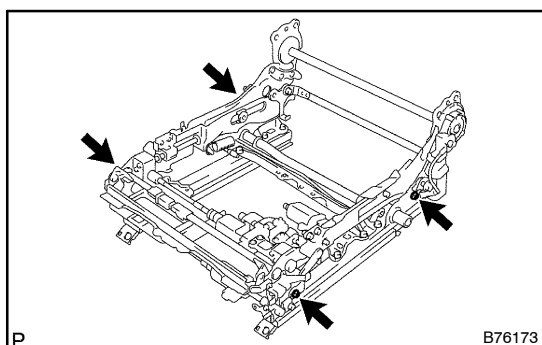
- (b) Connect the wire harness connector.

36. INSTALL POWER SEAT MOTOR ASSY

- (a) Install the 4 motors with the 2 screws each.
Torque: 2.5 N·m (25 kgf·cm, 22 in·lbf)

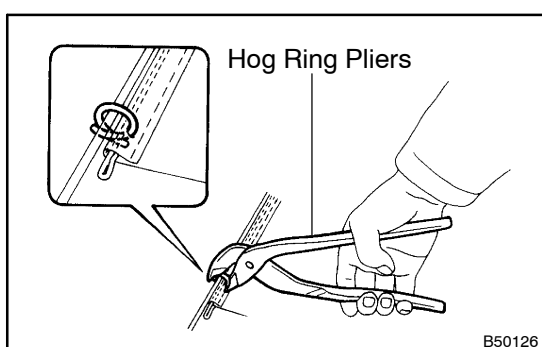
**37. INSTALL POWER SEAT MOTOR ASSY (RECLINING)**

- (a) Install the reclining motor to the bracket with the 2 screws.
- (b) Install the motor assy with the 2 bolts.
- (c) Connect the connector.

**38. INSTALL POWER RECLINING ADJUSTER ASSY**

Using a torx socket wrench (T40), install the power reclining adjuster with the 4 torx screws.

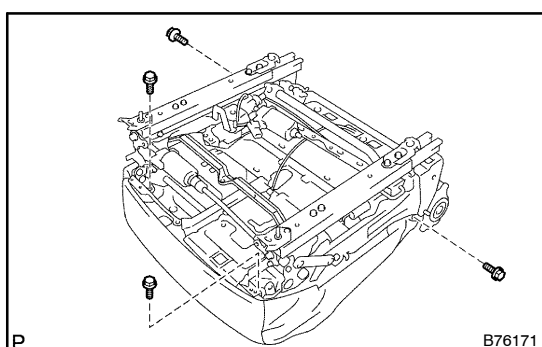
Torque: 19 N·m (195 kgf·cm, 14 ft·lbf)

**39. INSTALL FRONT SEAT CUSHION COVER LH**

- (a) Install the seat cushion.
- (b) Using hog ring pliers, install the cushion cover to the cushion pad with new hog rings.

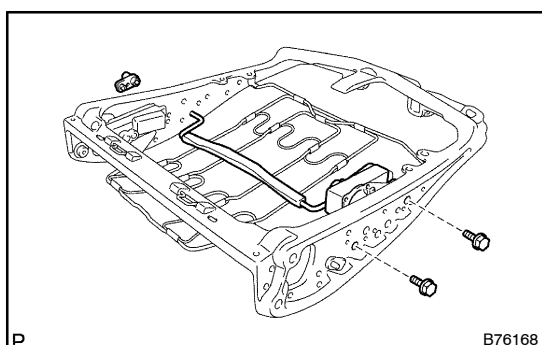
NOTICE:

- Be careful not to damage the cover.
- When installing the hog rings, take care to minimize wrinkles as much as possible.

**40. INSTALL FRONT SEAT CUSHION ASSY**

Install the seat cushion with the 4 bolts.

Torque: 21 N·m (214 kgf·cm, 15 ft·lbf)

**41. INSTALL LUMBAR SUPPORT ADJUSTER ASSY LH (UPPER)**

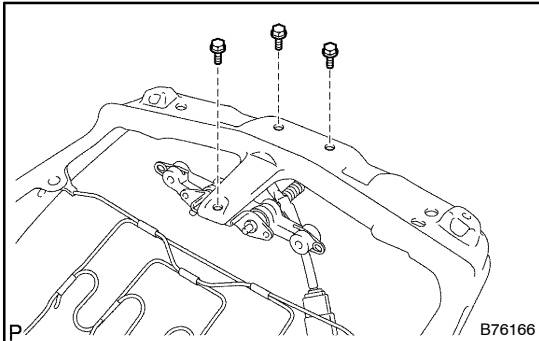
- (a) Install the lumbar support adjuster and spacer with the 2 bolts.

Torque: 5.2 N·m (54 kgf·cm, 47 in·lbf)

42. INSTALL LUMBAR SUPPORT ADJUSTER ASSY LH (LOWER)

HINT:

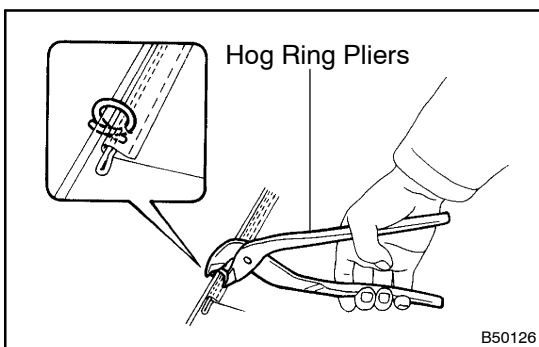
Use the same procedures described for the adjuster upper.

**43. INSTALL FRONT SEAT HEADREST ADJUSTER SUB-ASSY**

- (a) Install the headrest adjuster to the seatback frame with the 3 bolts.

Torque: 5.2 N·m (54 kgf·cm, 47 in·lbf)

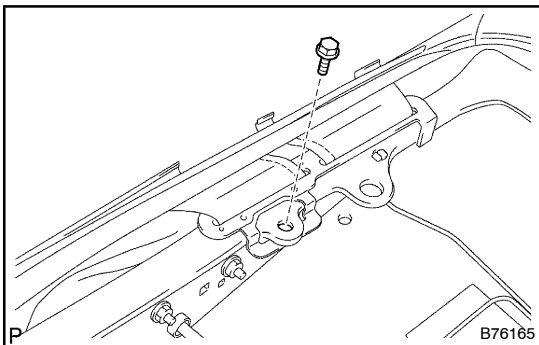
- (b) Engage the connector clamps.

**44. INSTALL FRONT SEATBACK COVER LH**

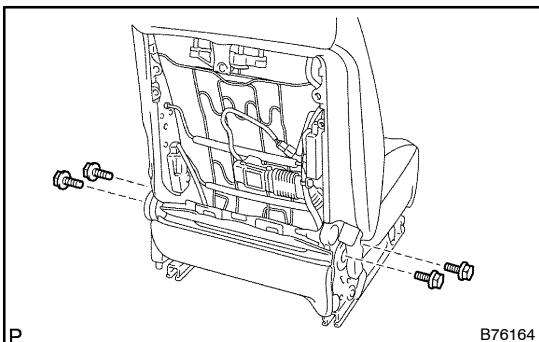
- (a) Install the seatback pad.
 (b) Cover the top of the seatback pad with the seatback cover.
 (c) Install the 2 headrest supports.
 (d) Using hog ring pliers, completely install the seatback cover with new hog rings.

NOTICE:

- **Be careful not to damage the cover.**
- **When installing the hog rings, take care to minimize wrinkles as much as possible.**



- (e) Install the seatback cover hook with the bolt.

Torque: 5.2 N·m (54 kgf·cm, 47 in·lbf)**NOTICE:****Do not damage the side airbag assembly.****45. INSTALL FRONT SEATBACK ASSY LH**

- (a) Install the seatback with the 4 bolts.
Torque: 43 N·m (440 kgf·cm, 32 ft·lbf)
 (b) Connect the connectors and engage the clamps.
 (c) w/ Climate control seat system:

Connect the air duct and install it with the 3 screws.

46. INSTALL FRONT SEAT INNER BELT ASSY LH

- (a) Connect the connector.
- (b) Install the inner belt with the nut.

Torque: 42 N·m (430 kgf·cm, 31 ft·lb)

47. INSTALL FRONT SEAT ASSY

- (a) Place the seat in the cabin.
- (b) Connect the connectors under the seat.
- (c) Tighten the 2 bolts on the front side of the seat.

Torque: 37 N·m (375 kgf·cm, 27 ft·lb)

- (d) Tighten the 2 bolts on the rear side of the seat.

Torque: 37 N·m (375 kgf·cm, 27 ft·lb)

- (e) Install the front seat outer belt anchor.

Torque: 42 N·m (430 kgf·cm, 31 ft·lb)

- (f) Install the seat belt anchor cover cap.

- (g) Install the 4 seat track covers.

- (h) Connect the battery's negative terminal.

NOTICE:

When disconnecting the negative (-) battery terminal, initialize the following systems after the terminal is reconnected.

System Name	See Page
Power Window Control System	01-20
Back Guide Monitor System	01-20

- (i) Check the SRS warning lamp (see page 60-1).

48. INITIALIZE FRONT POWER SEAT CONTROL SYSTEM

- (a) The power seat ECU must be initialized if any of the following occurs.

- The battery is disconnected.
- The D/C cut fuse is replaced.
- The position control ECU & switch assy (power seat ECU) is replaced.
- The power seat assy is removed from the vehicle.

- (b) Initialize the power seat ECU as follows.

- (1) Using the seat switches, fully slide the seat forward, fully recline the seatback forward, and fully raise the seat cushion and headrest.
- (2) Using the seat switches, fully slide the seat rearward, fully recline the seatback rearward and fully lower the seat cushion and headrest.

49. INSPECT POWER SEAT OPERATION (05-2317)**50. w/ Seat heater:****INSPECT SEAT HEATER OPERATION****51. w/ Climate control seat system:****INSPECT CLIMATE CONTROL SEAT OPERATION**