

FRONT SEAT BELT COMPONENTS

610JU-01

Front Door Opening Trim Weatherstrip RH

Rear Door Opening trim Weatherstrip RH

Rear Door Scuff Plate RH

Center Pillar Garnish Lower RH

Front Door Scuff Plate RH

Shoulder Anchor Cover

Floor Anchor Cover

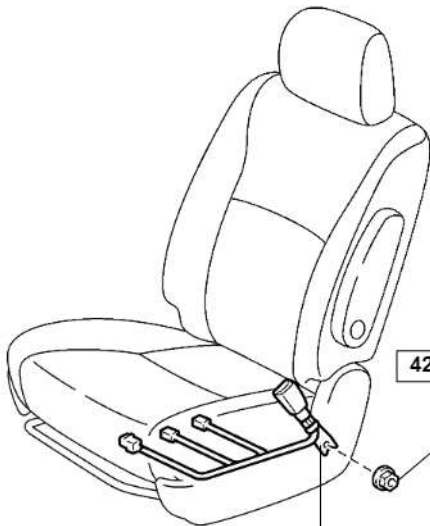
42 (428, 31)

42 (428, 31)

42 (428, 31)

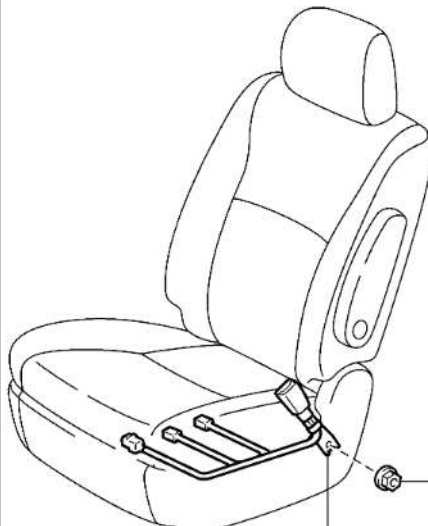
7.5 (77, 66 in. lbf)

Manual Seat Type



Front Seat Inner Belt Assy RH

Power Seat Type



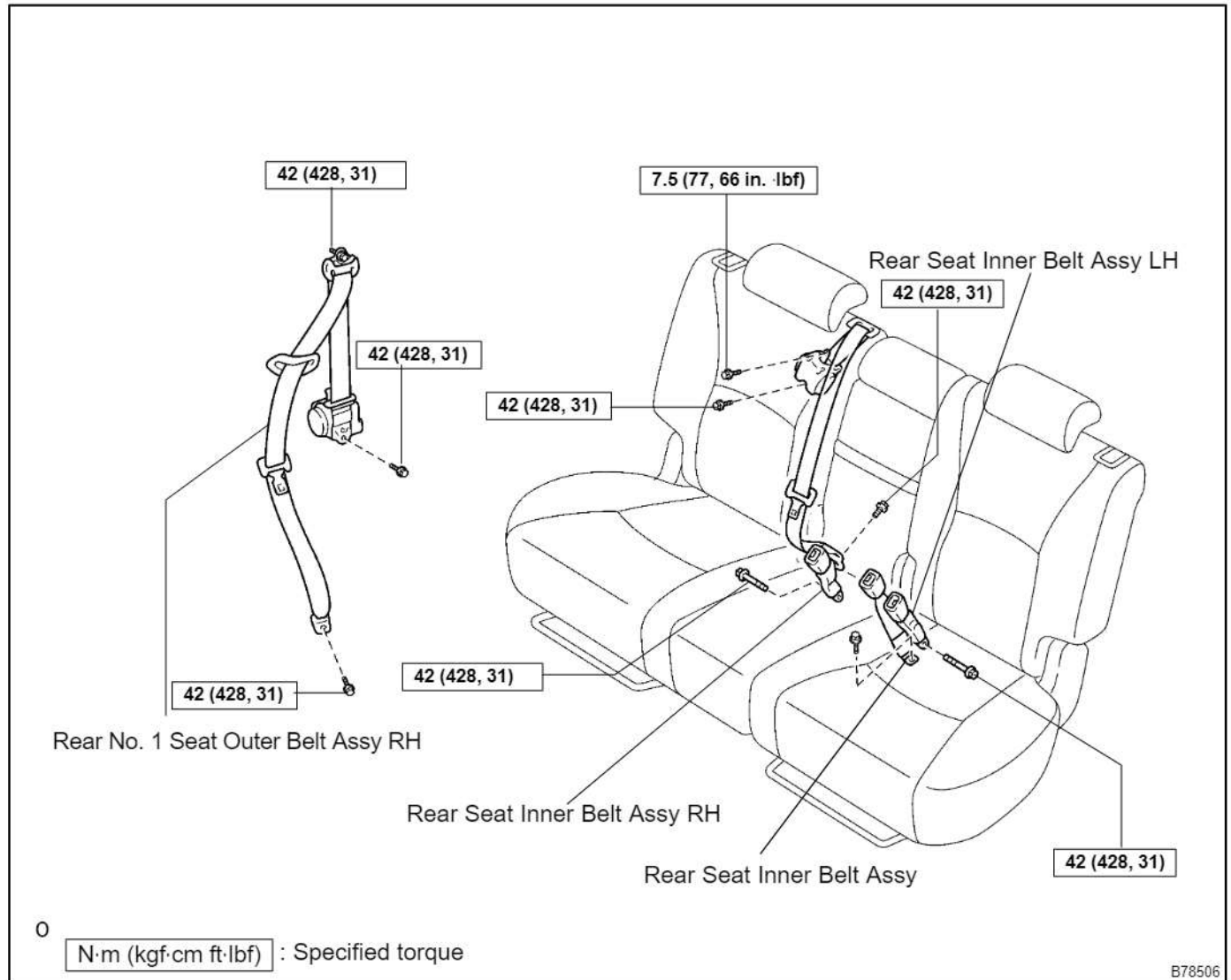
Front Seat Inner Belt Assy RH

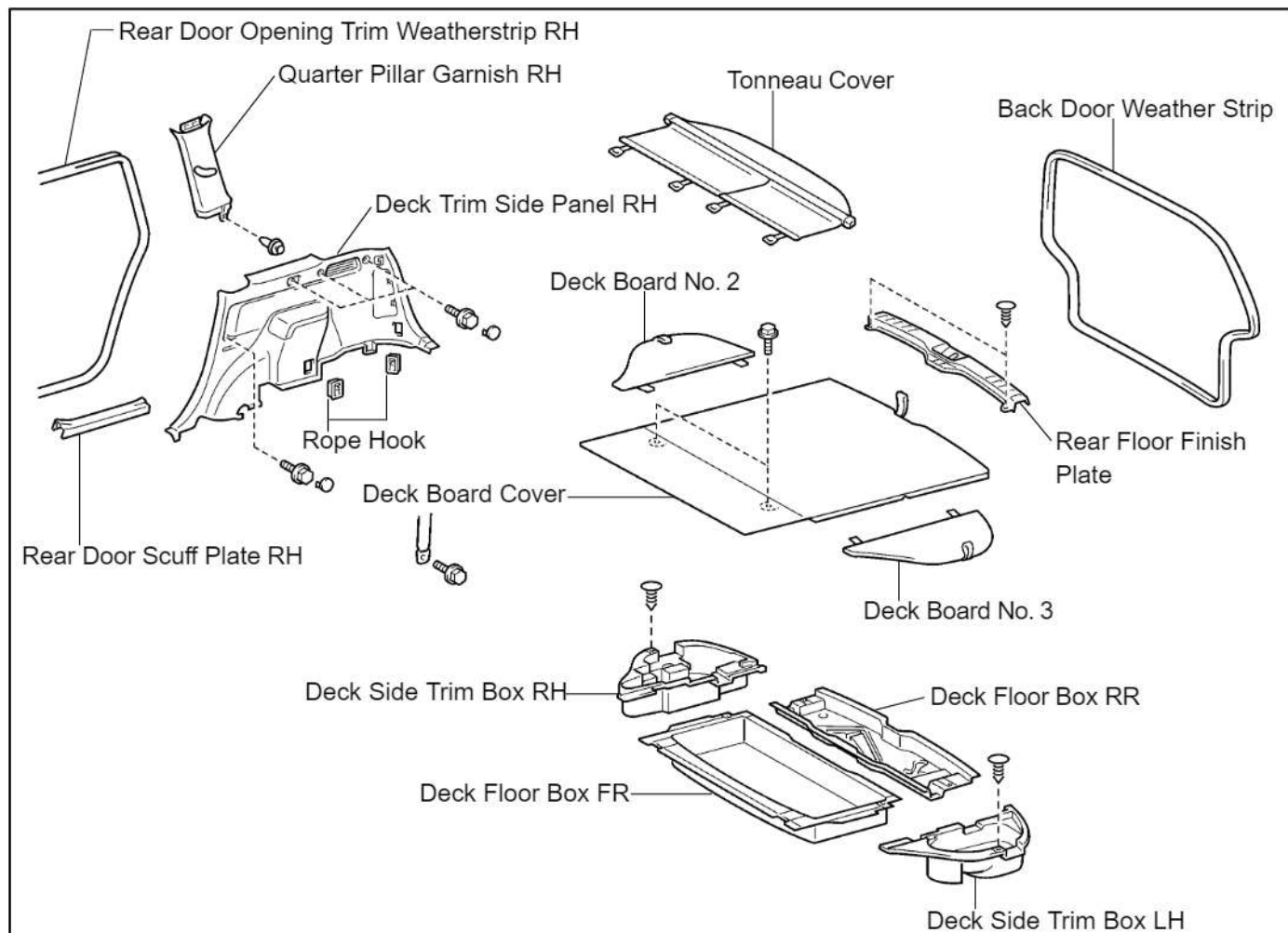
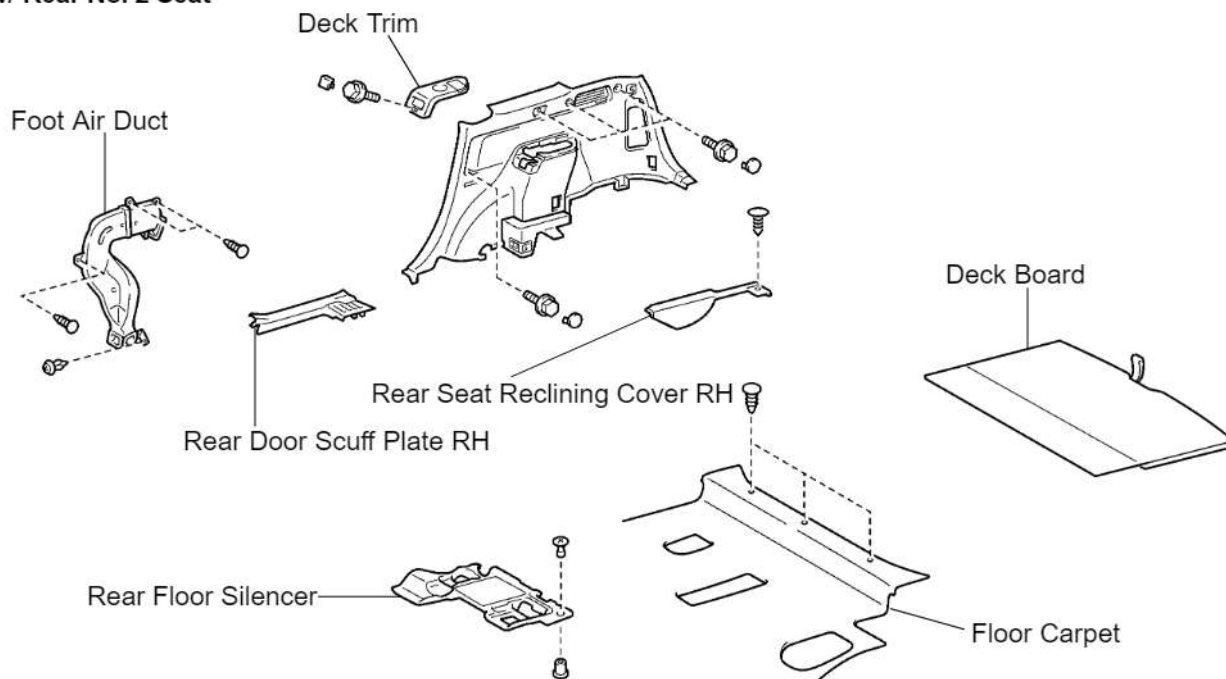
0 N·m (kgf·cm ft·lbf) : Specified torque

B77526

REAR NO.1 SEAT BELT COMPONENTS

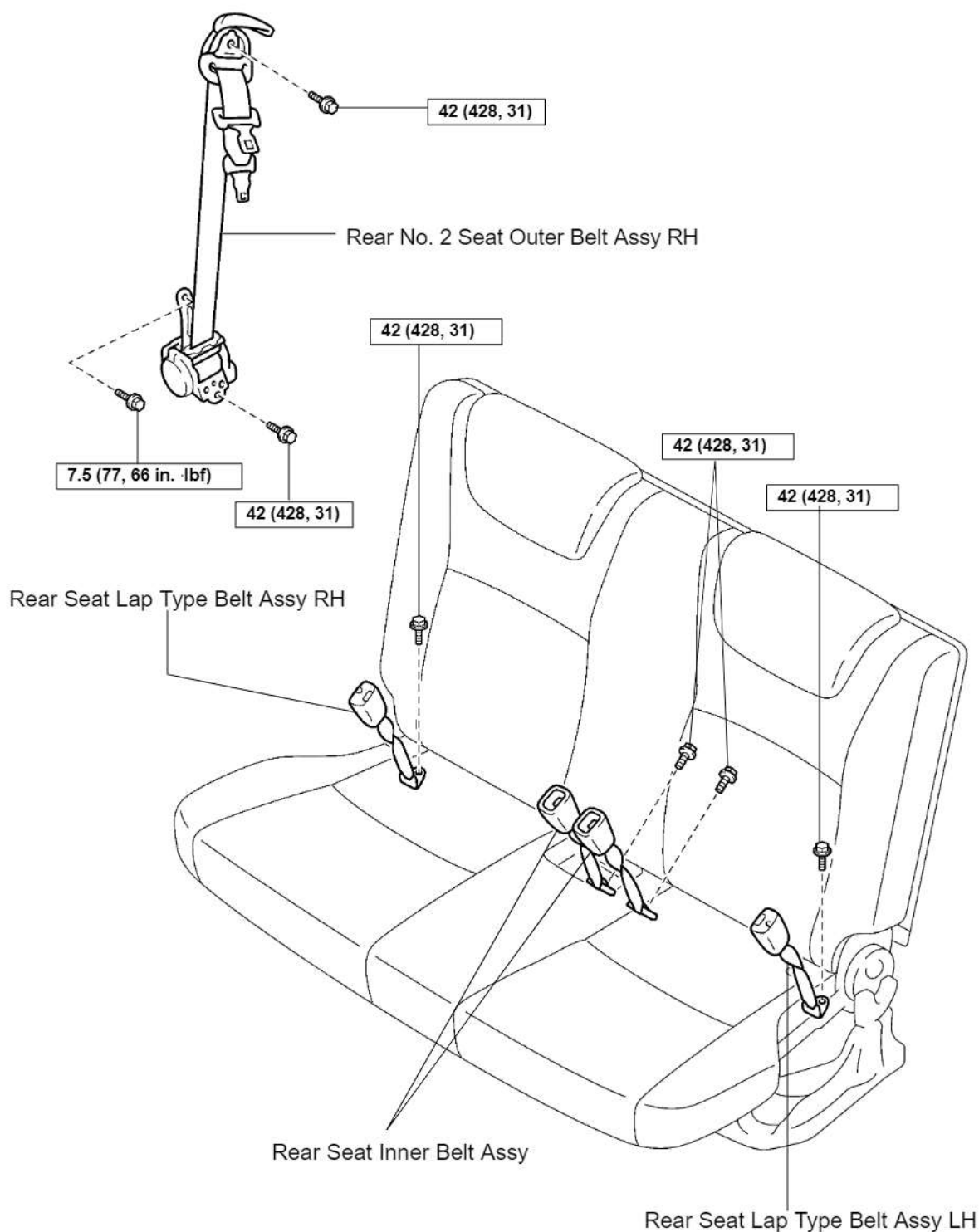
610JX-01



**w/ Rear No. 2 Seat**

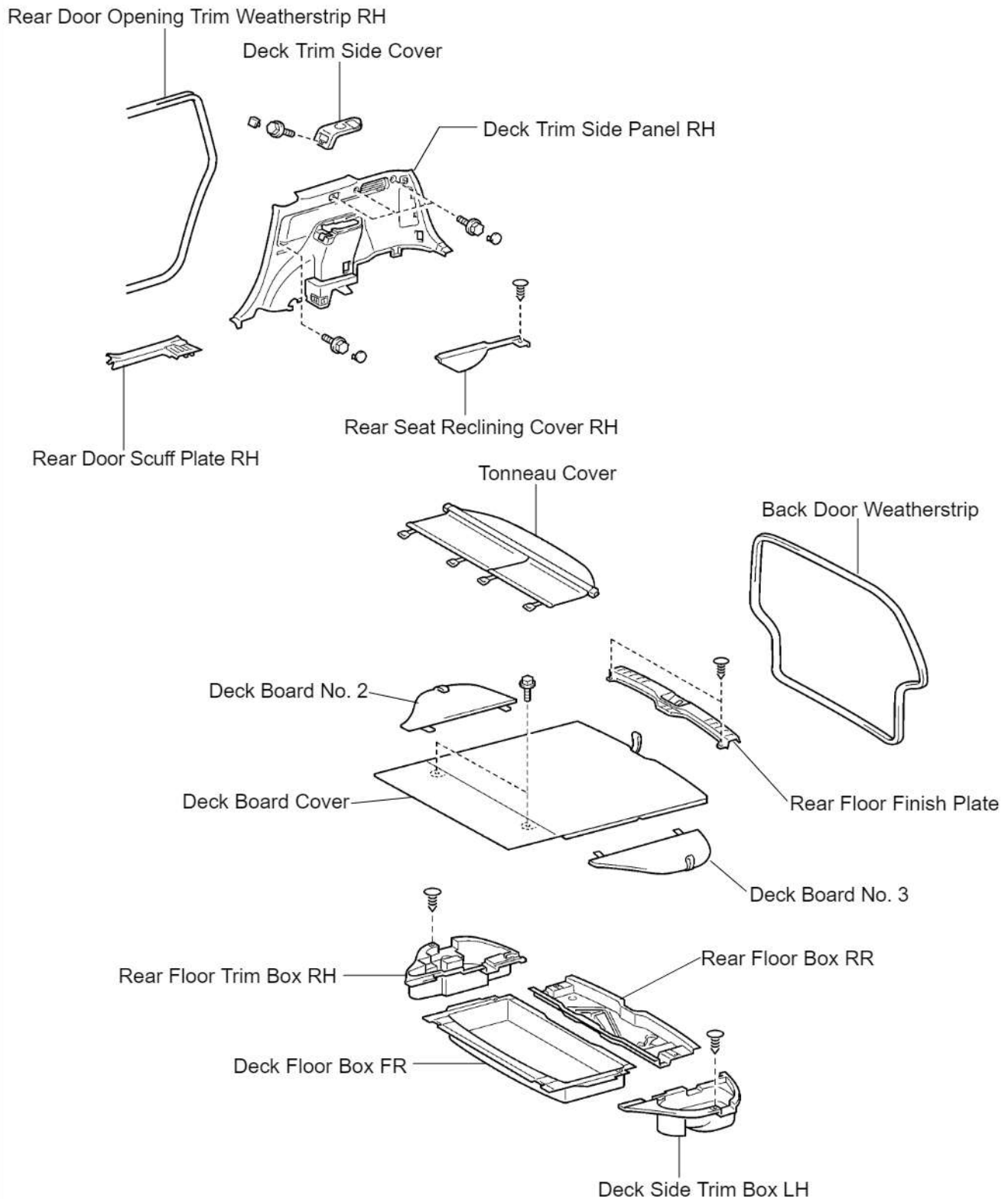
REAR NO.2 SEAT BELT COMPONENTS

610JZ-01



0 **N·m (kgf·cm ft·lbf)** : Specified torque

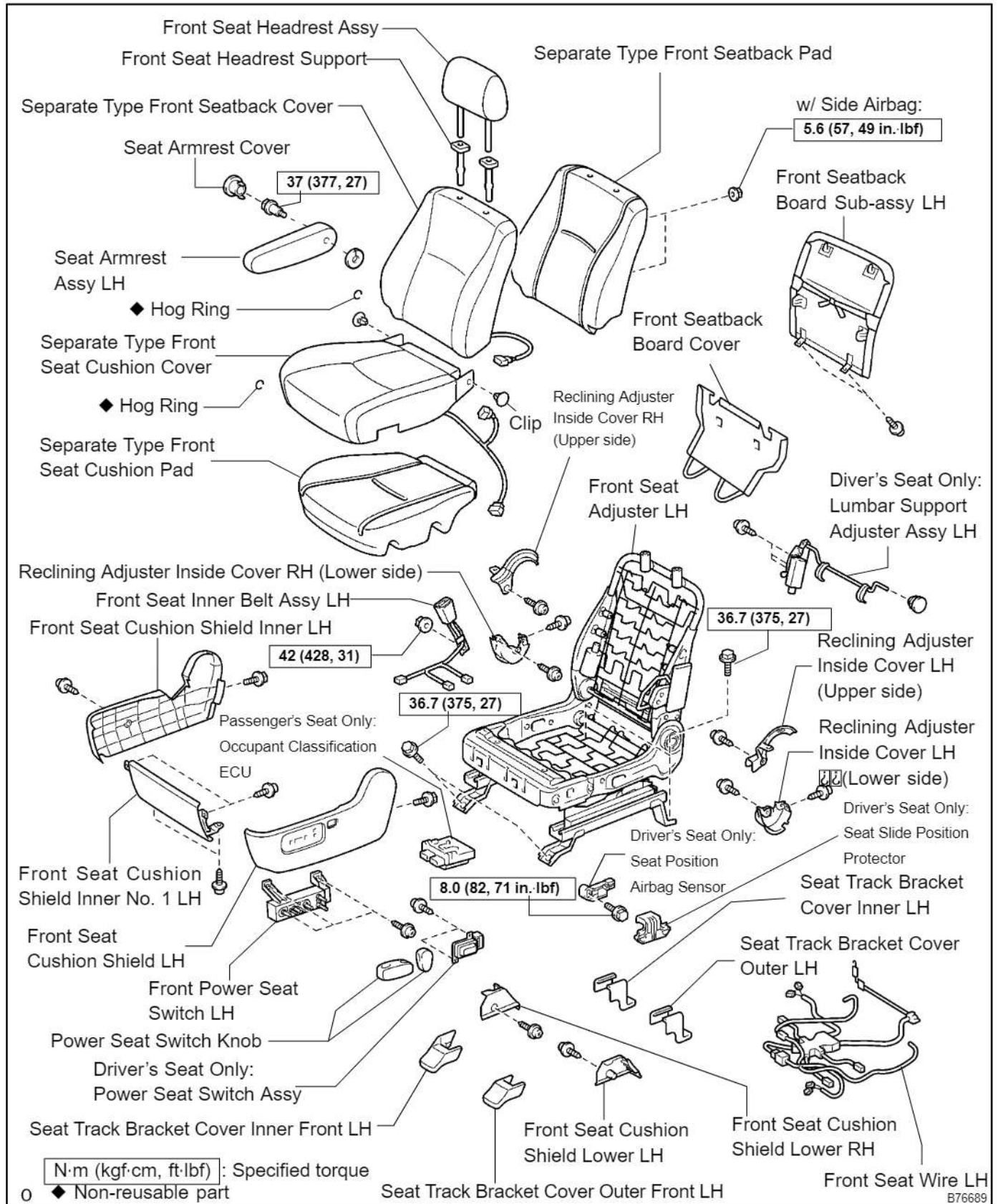
B77529



FRONT SEAT ASSY LH (POWER SEAT TYPE)

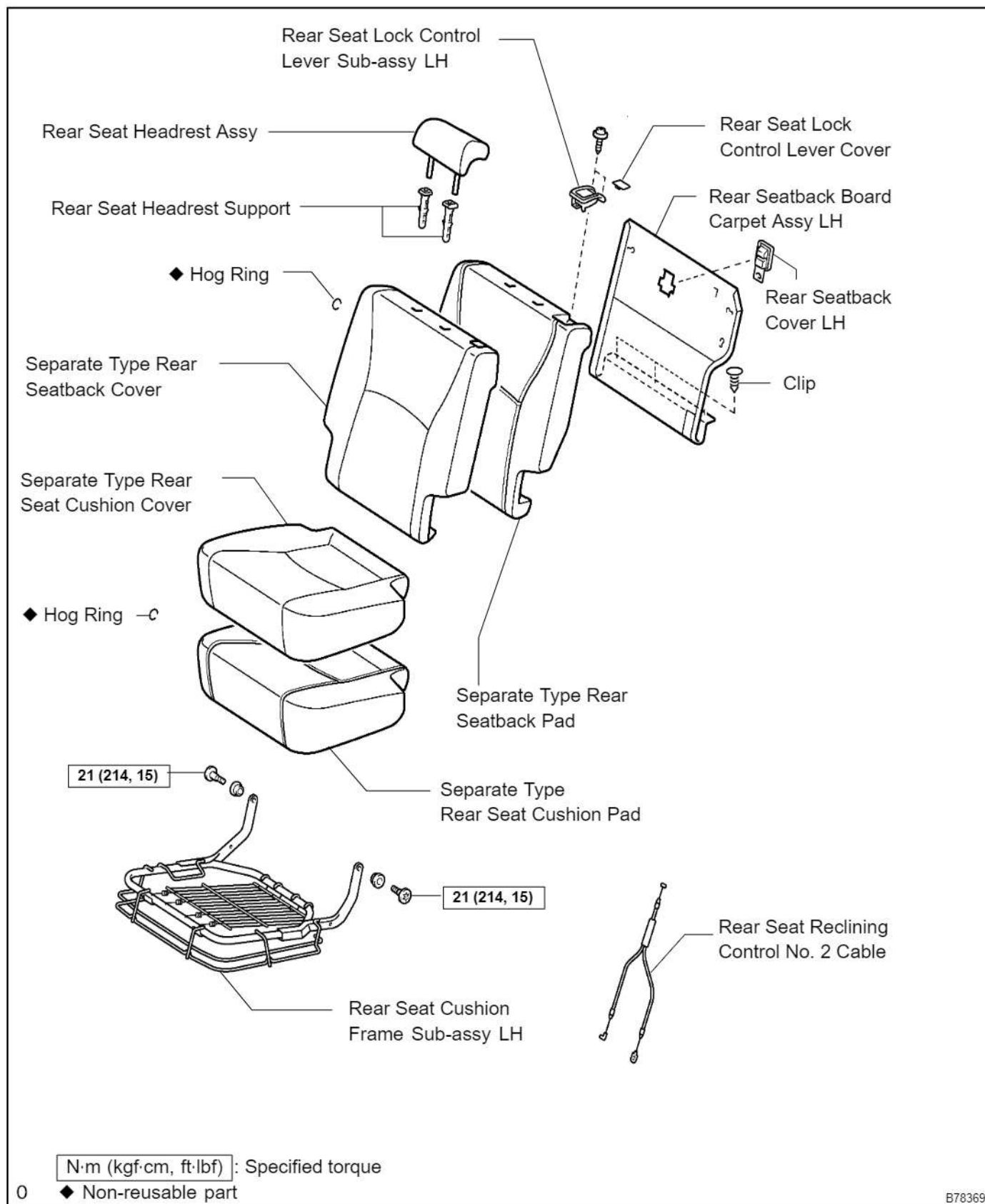
COMPONENTS

720JN-02

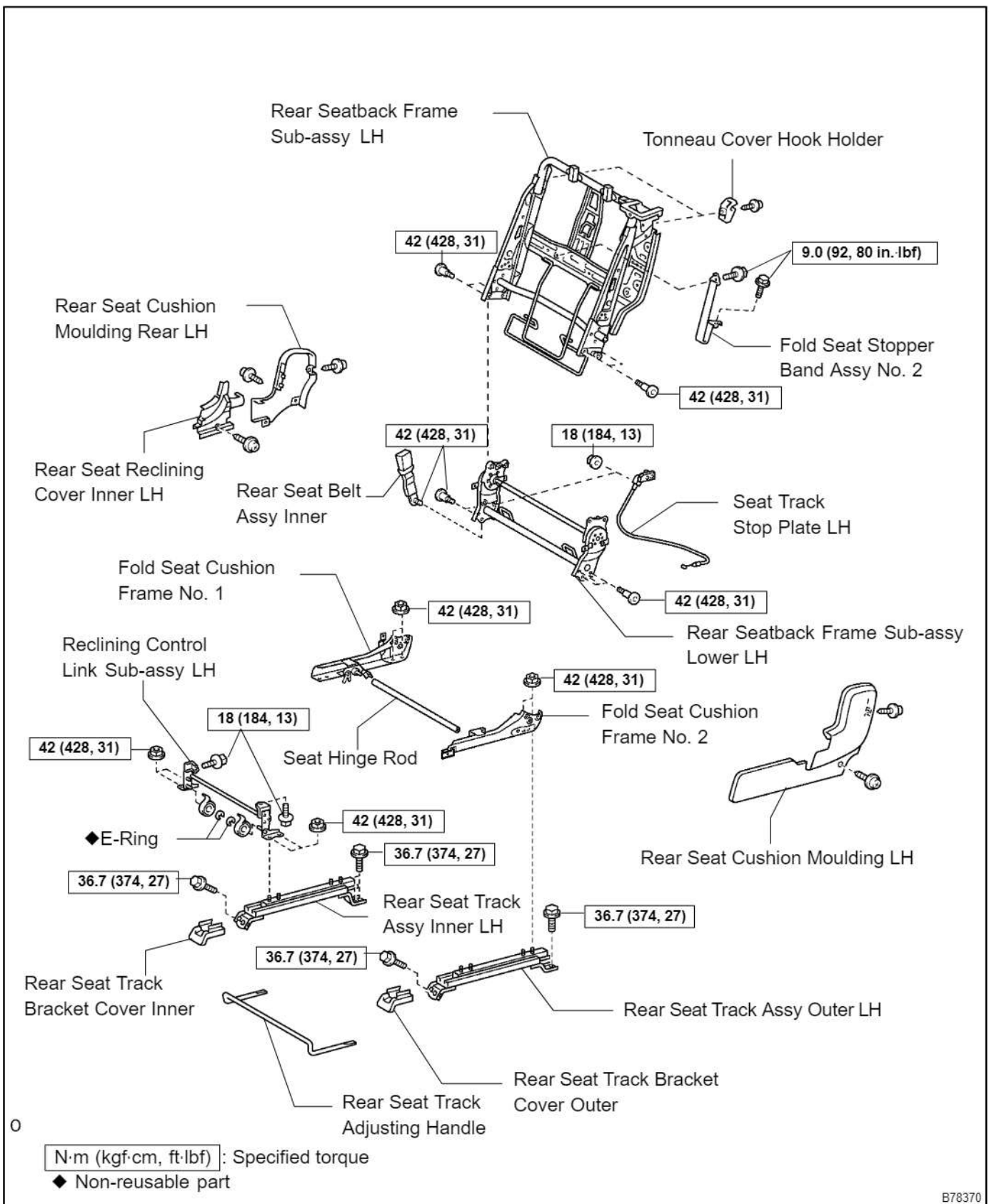


REAR NO.1 SEAT ASSY LH (W/O REAR NO.2 SEAT) COMPONENTS

720RT-01

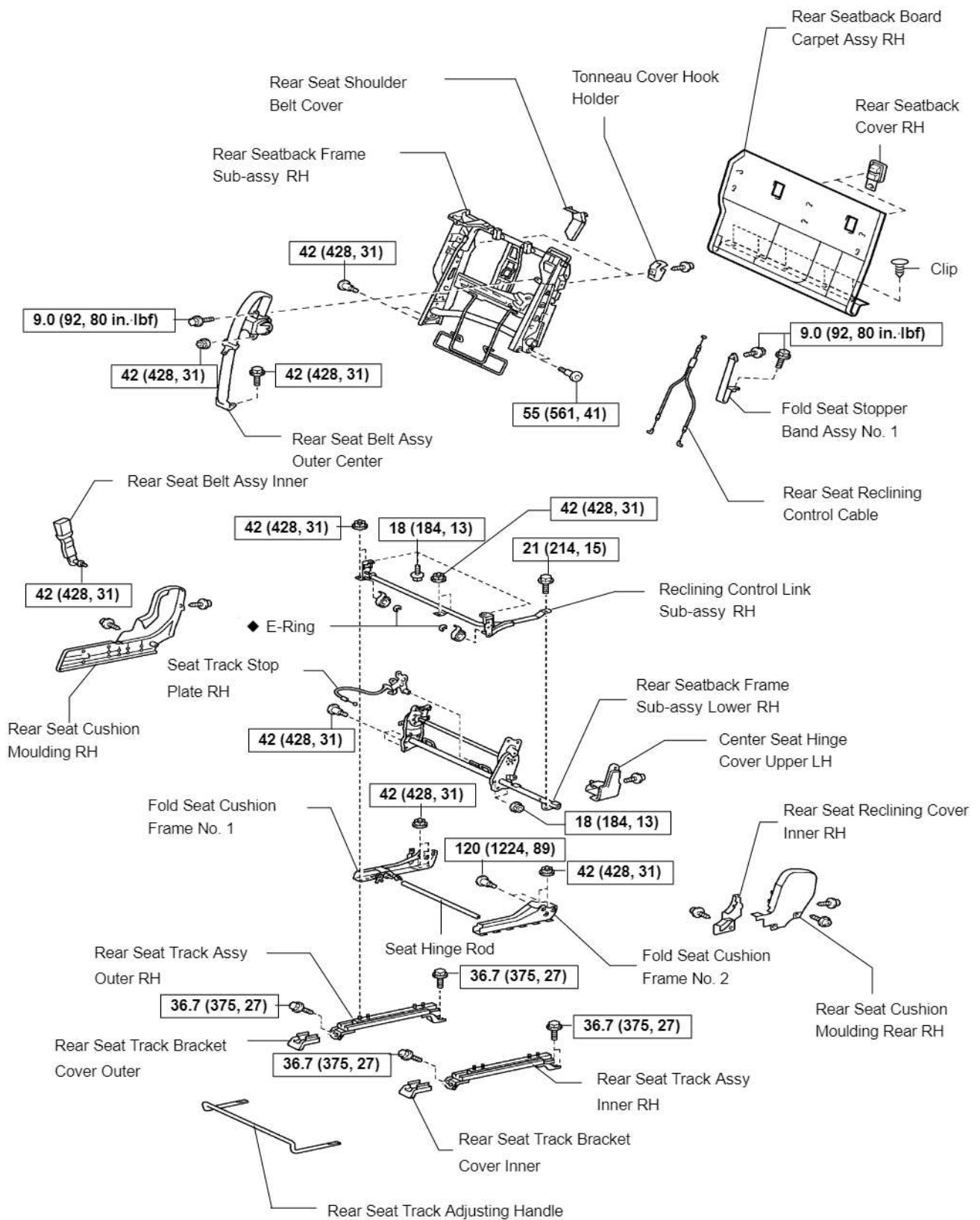


B78369



72012-02

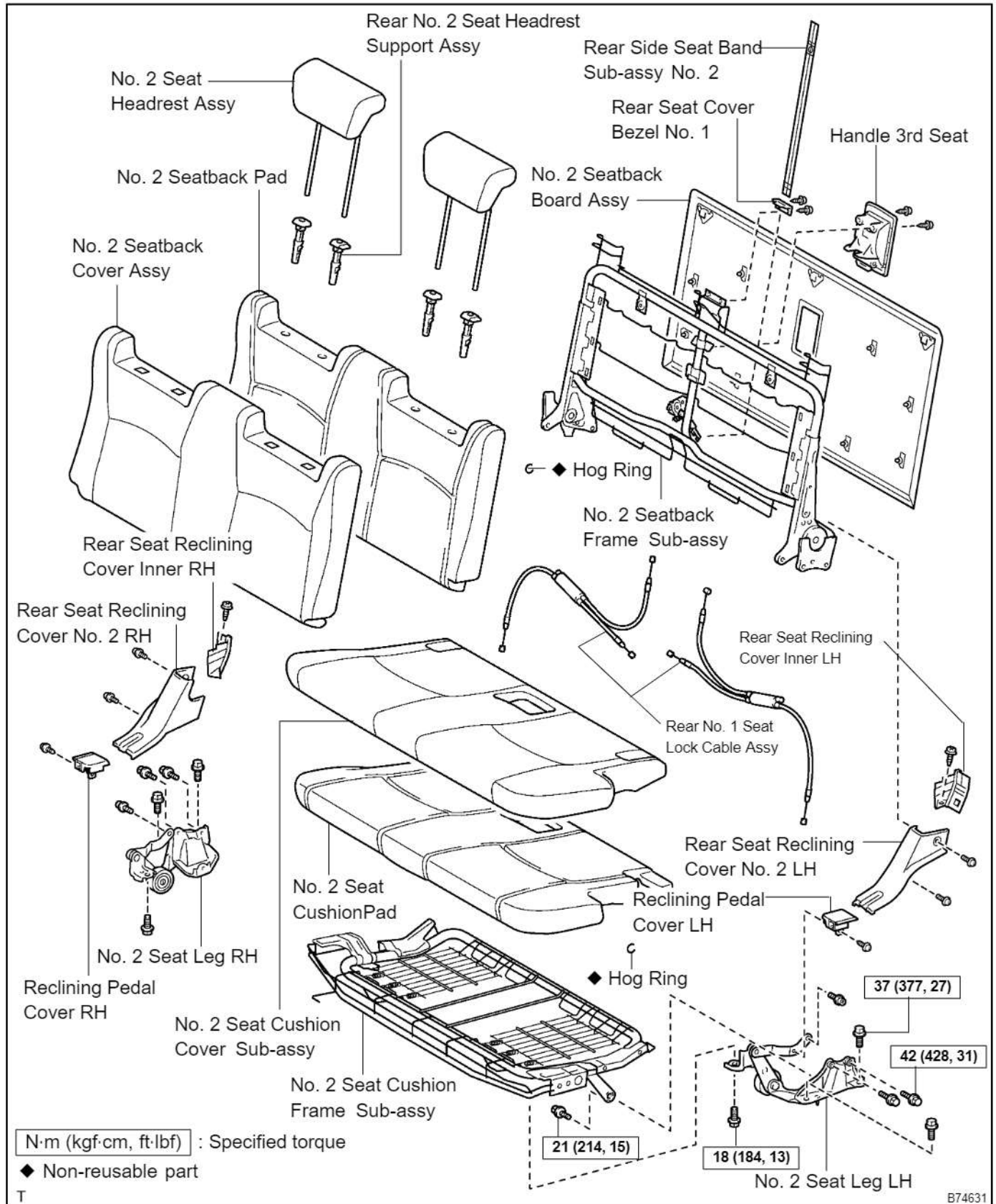




B78511

REAR NO.2 SEAT ASSY COMPONENTS

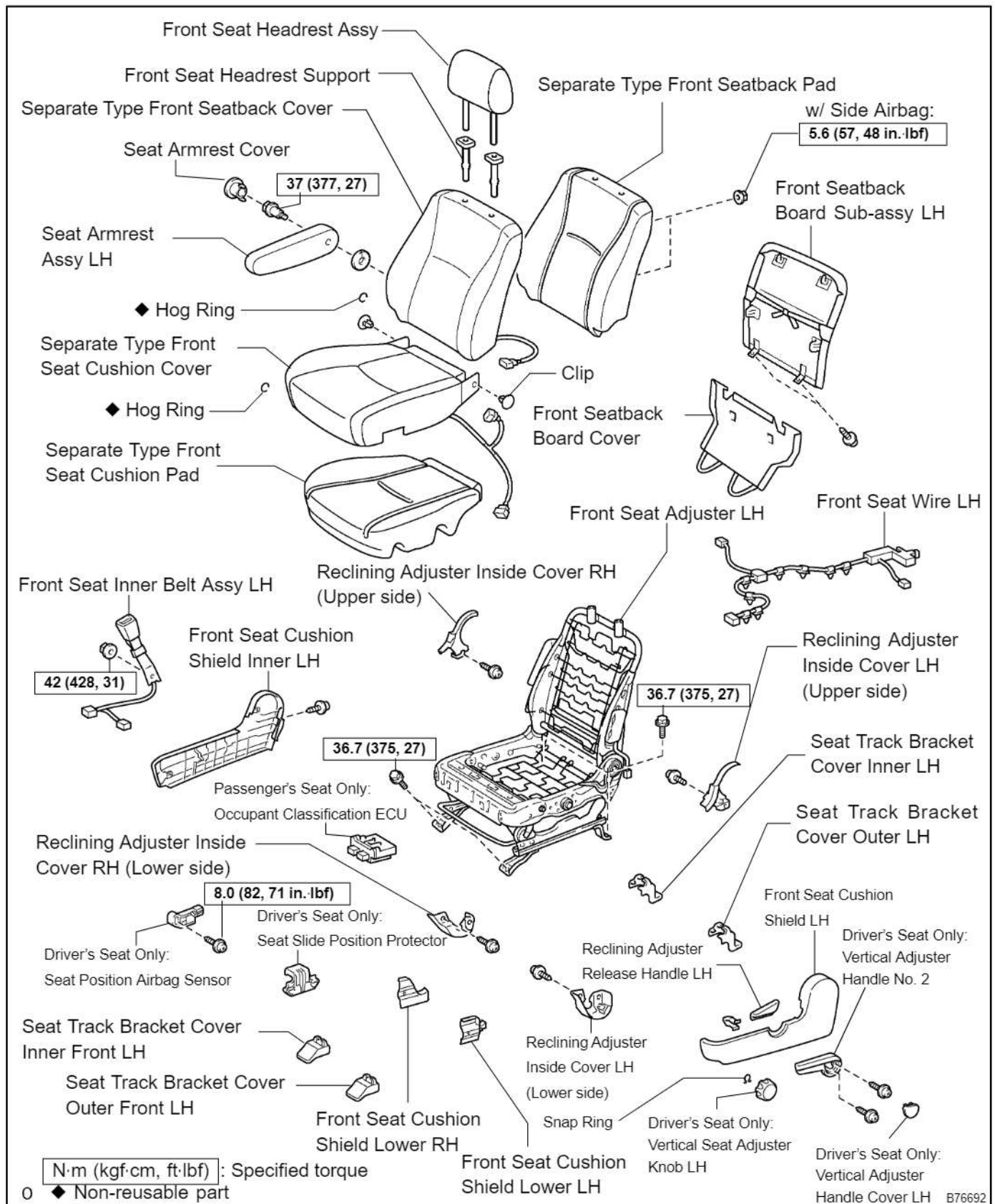
720RK-01



FRONT SEAT ASSY LH (MANUAL SEAT TYPE)

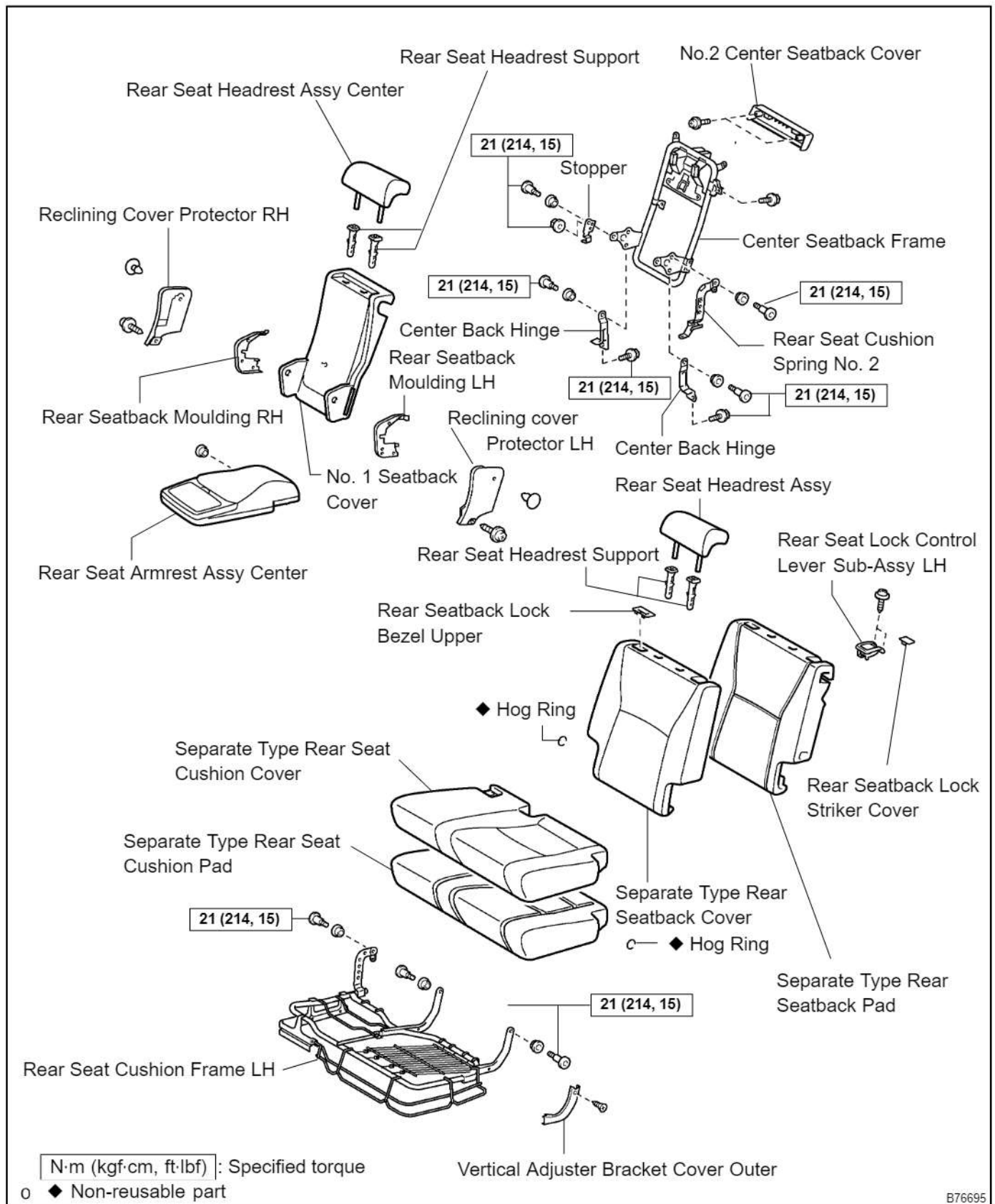
COMPONENTS

720R1-01

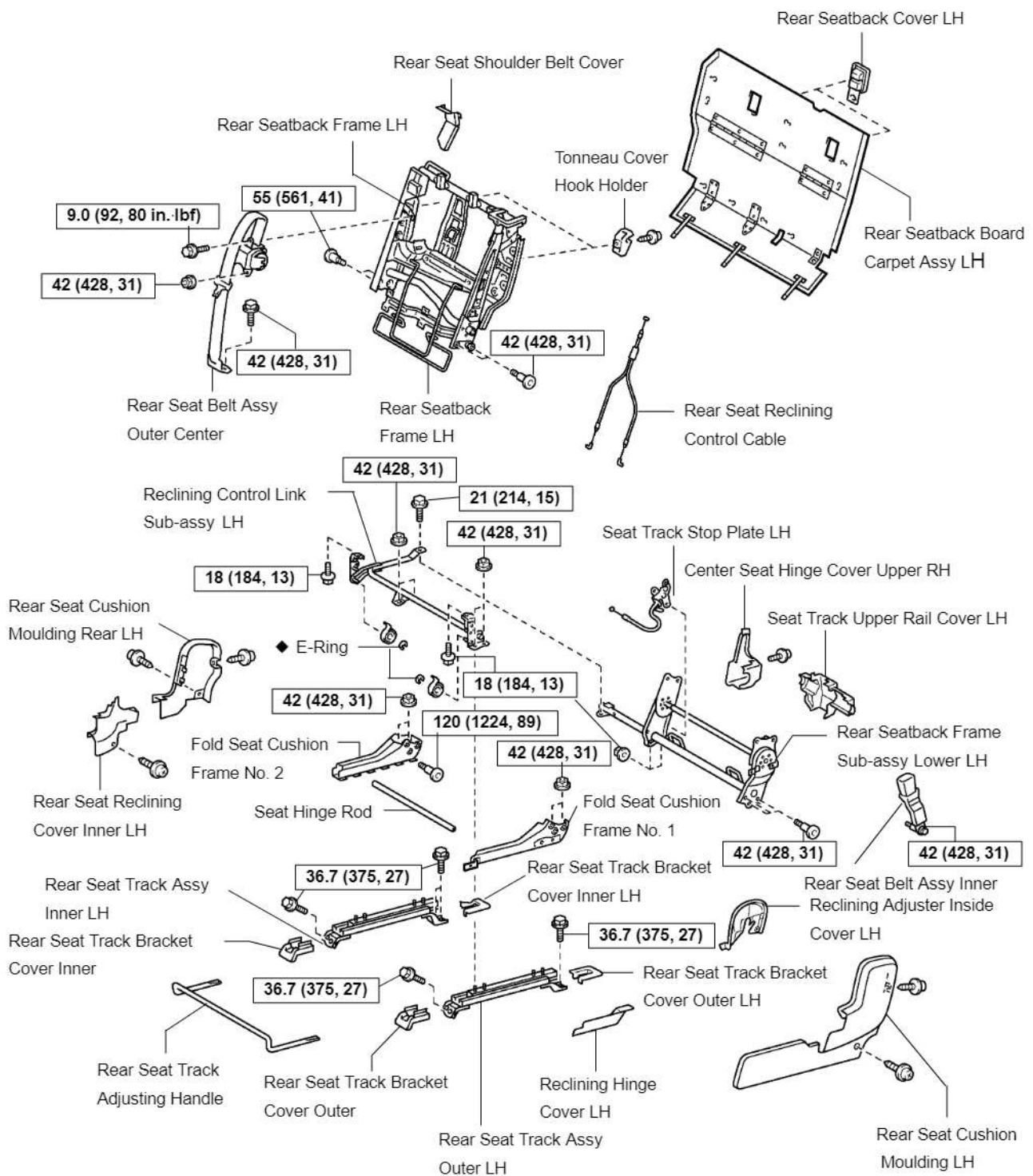


REAR NO.1 SEAT ASSY LH (W/REAR NO.2 SEAT) COMPONENTS

720RR-01



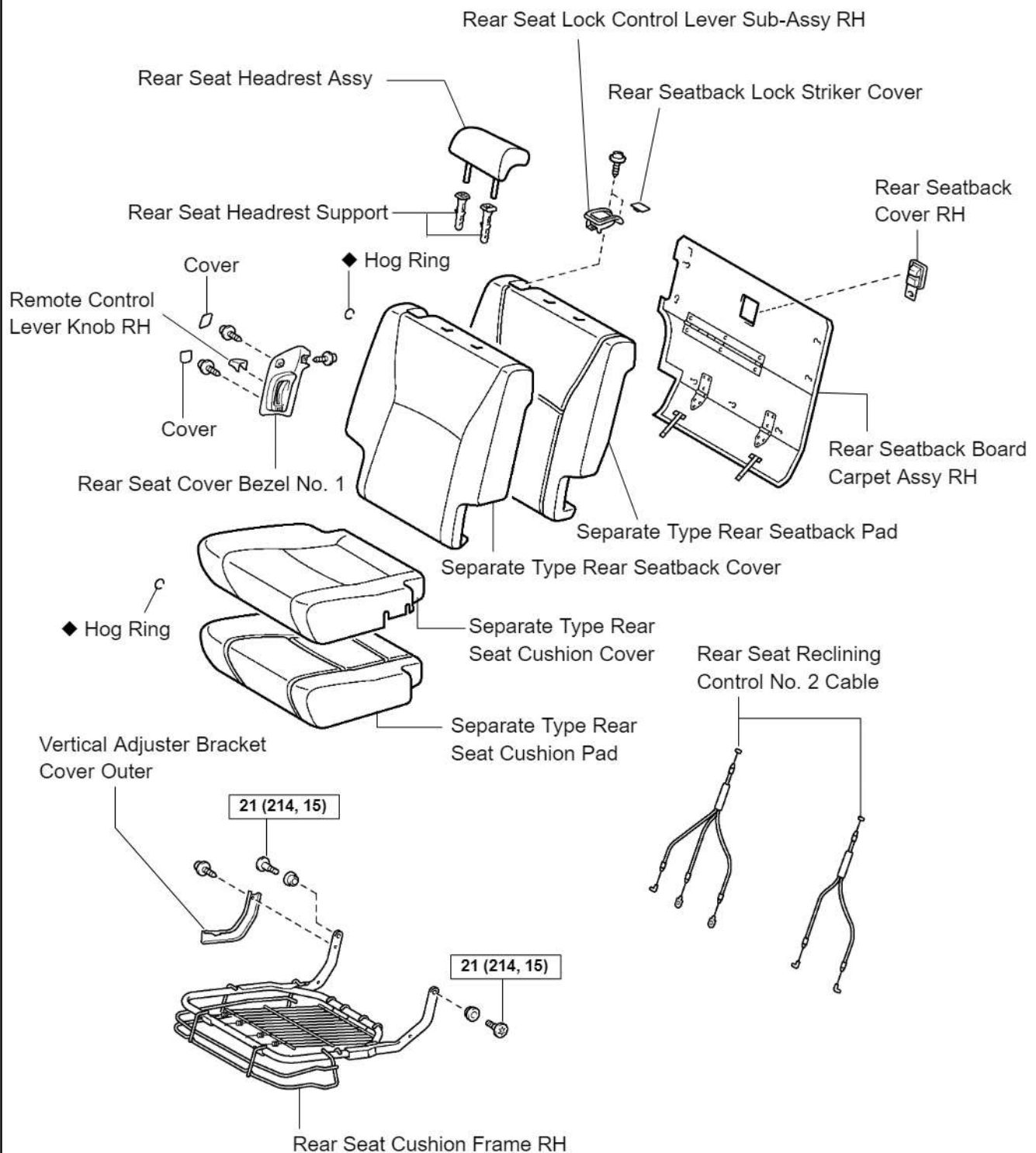
B76695



B78189

REAR NO.1 SEAT ASSY RH (W/REAR NO.2 SEAT) COMPONENTS

720RP-02

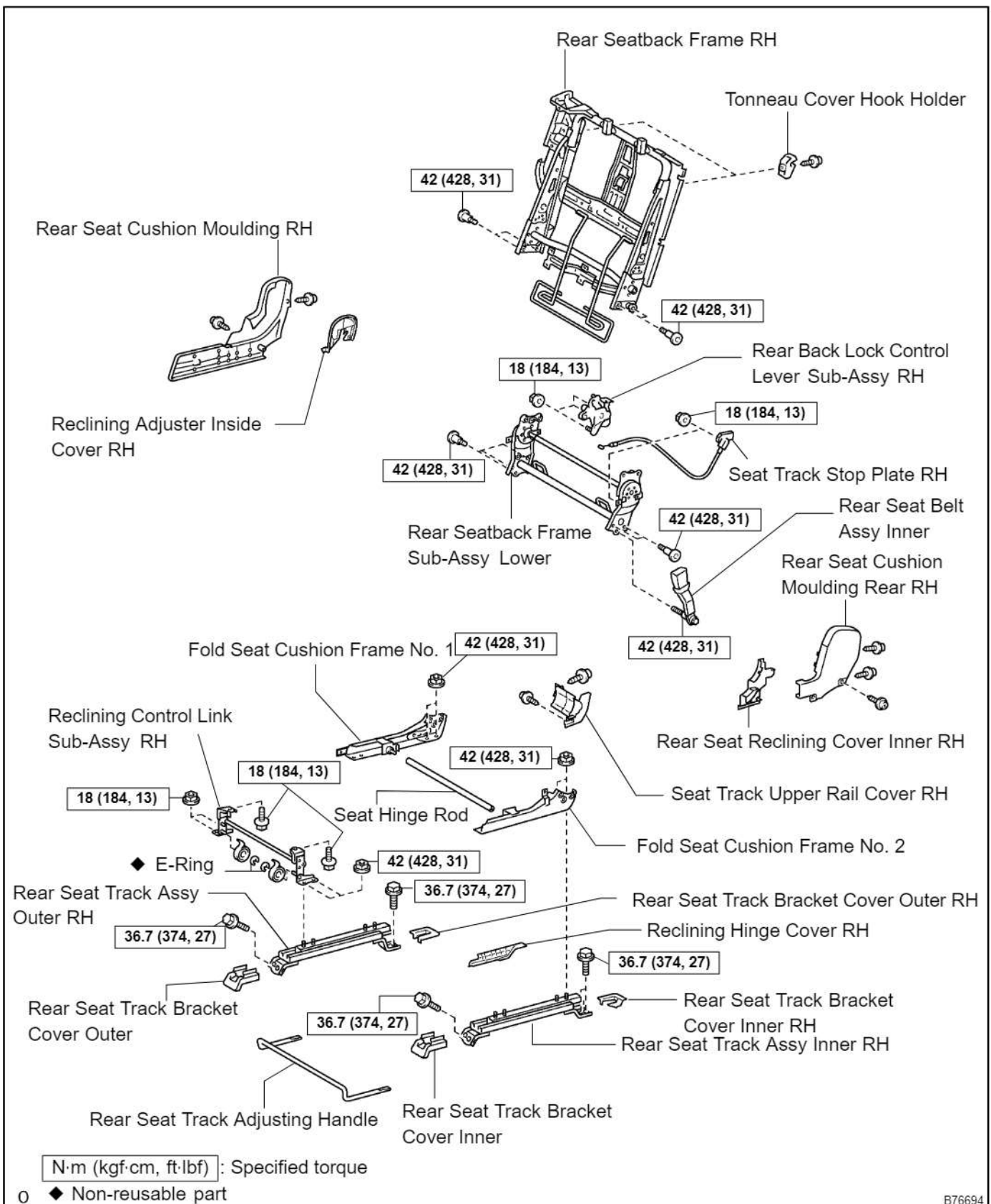


0

N·m (kgf·cm, ft·lbf) : Specified torque

◆ Non-reusable part

B76693

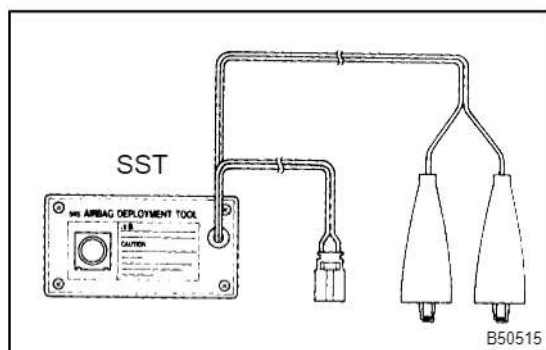


B76694

DISPOSAL

HINT:

When scrapping vehicles equipped with a seat belt pretensioner or disposing of a front seat outer belt (with seat belt pretensioner), always first activate the seat belt pretensioner in accordance with the procedures described below. If any abnormality occurs during activation of the seat belt pretensioner, contact the SERVICE DEPARTMENT of TOYOTA MOTOR SALES, U.S.A., INC. When disposing of a front seat outer belt assy (with seat belt pretensioner) that was activated in a collision, start with step 1-(f) in this section.



CAUTION:

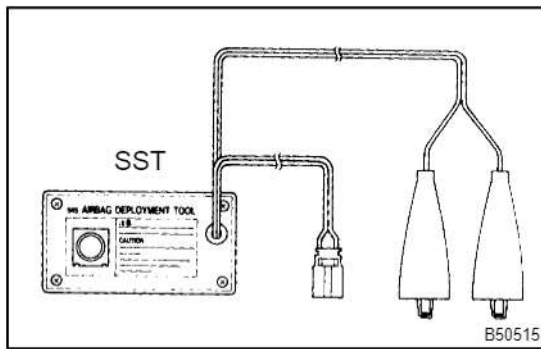
- Never dispose of a front seat outer belt assy that has an inactivated pretensioner.
- The seat belt pretensioner produces a loud, exploding sound when it activates. Perform the operation where it will not be a nuisance to nearby residents.
- When activating a front seat outer belt (with seat belt pretensioner), stand at least 10 m (33 ft) away from the front seat outer belt.
- Use gloves and safety glasses when handling a front seat belt with an activated pretensioner.
- Always wash your hands with water after completing activation.
- Do not apply water to a front seat outer belt that has an activated pretensioner.
- When activating the seat belt pretensioner, always use the specified SST (SRS airbag deployment tool).
- Perform operation in a place away from electrical interference.

SST 09082-00700

1. DISPOSE OF FRONT SEAT OUTER BELT ASSY RH (WHEN INSTALLED IN VEHICLE)

HINT:

Prepare a battery to power activation of the seat belt pretensioner.

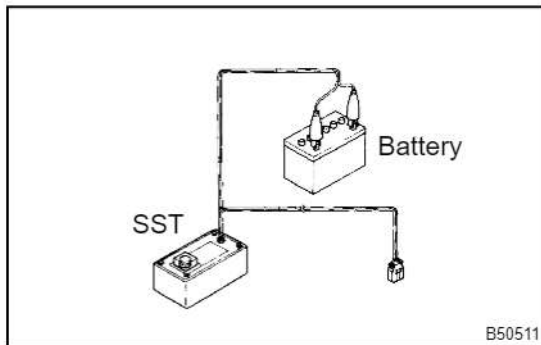


(a) Check if SST is functioning.

CAUTION:

When activating the seat belt pretensioner, always use the specified SST.

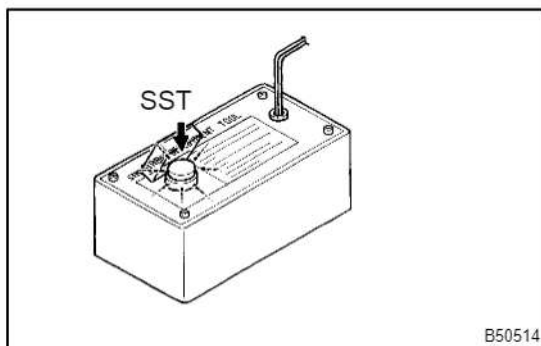
SST 09082-00700, 09082-00770



- (1) Connect SST red clip to the battery's positive (+) terminal and the black clip to the negative (-) terminal.

HINT:

Do not connect the yellow connector. The yellow connector is used to connect to the seat belt pretensioner.

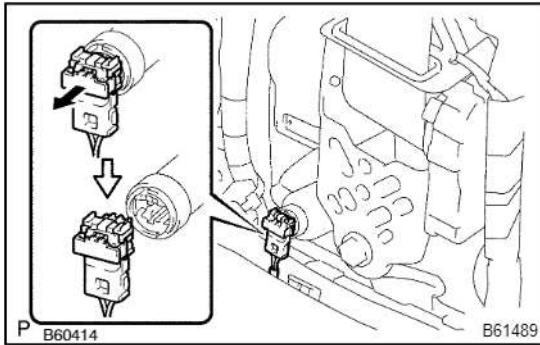


- (2) Press SST activation switch and check that the LED of SST activation switch turn on.

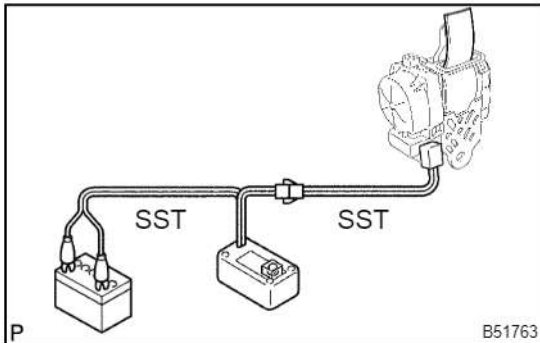
CAUTION:

If the LED turns on when the activation switch is not being pressed, SST may be malfunctioning. Do not use SST.

- (b) Disconnect SST from the battery.
- (c) Disconnect the pretensioner connector.
 - (1) Disconnect the battery's negative (-) terminal.
 - (2) Check the SRS airbag system (see page 60-53).
 - (3) Remove the front door scuff plate RH (see page 76-21).
 - (4) Remove the rear door scuff plate RH (see page 76-21).
 - (5) Remove the front door opening trim weatherstrip RH (see page 76-21).
 - (6) Remove the rear door opening trim weatherstrip RH (see page 76-21).
 - (7) Remove the center pillar garnish lower RH (see page 76-21).
 - (8) Remove the center pillar garnish upper RH (see page 76-21).



- (9) Disconnect the pretensioner connector, as shown in the illustration.
- (d) Connect SST.
- (1) Install the floor anchor of the seat belt.

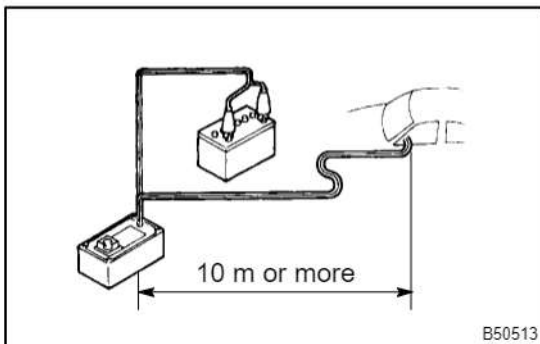


- (2) Connect 2 SSTs, then connect the yellow connector to the seat belt pretensioner.

SST 09082-00700, 09082-00770

NOTICE:

To avoid damaging SST connector and wire harness, do not lock the secondary lock of the twin lock.



- (3) Move SST at least 10 m (33 ft) away from the front of the vehicle.
- (4) Close all the doors and windows of the vehicle.

HINT:

Do not close the windows fully. Leave a gap for inserting SST wire harness.

NOTICE:

Take care not to damage SST wire harness.

- (5) Connect SST red clip to the battery's positive (+) terminal and the black clip to the negative (-) terminal.
- (e) Activate the seat belt pretensioner.
- (1) Confirm that no one is inside the vehicle or within 10 m (33 ft) of the vehicle.
- (2) Press SST activation switch and activate the seat belt pretensioner.

HINT:

The seat belt pretensioner operates simultaneously with the LED light for SST activation switch.

- (f) Dispose of the outer belt (with the seat belt pretensioner).

CAUTION:

- Do not touch the outer belt for at least 30 minutes after the seat belt pretensioner has been activated. It is very hot.
- Use gloves and safety glasses when handling an outer belt with a pretensioner that has been activated.
- Always wash your hands with water after completing the operation.
- Do not apply water to a front seat outer belt that has an activated pretensioner

HINT:

When scrapping a vehicle, activate the seat belt pretensioner, and then scrap the vehicle with the activated outer belt installed.

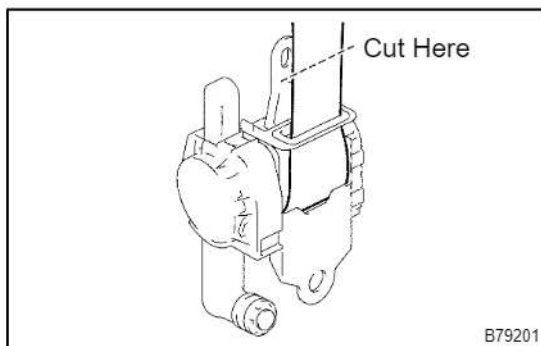
2. DISPOSE OF FRONT SEAT OUTER BELT ASSY RH (WHEN NOT INSTALLED IN VEHICLE)

NOTICE:

- When disposing of the front seat outer belt (with the seat belt pretensioner) only, never use the customer's vehicle to activate the seat belt pretensioner.
- Be sure to follow the procedures listed below when activating the seat belt pretensioner.

HINT:

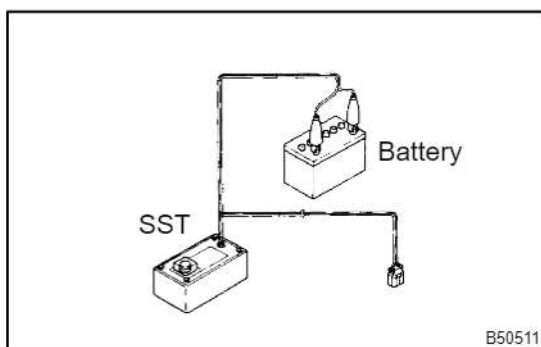
Prepare a battery as the power source to activate the seat belt pretensioner.



- (a) Remove the outer belt (see page 61-4).
- (1) Wind the seat belt with the retractor.
 - (2) When the seat belt is sufficiently wound, cut the seat belt approximately 10 cm from the retractor, as shown in the illustration

HINT:

The seat belt is designed so that winding the seat belt as much as possible before pretensioner activation will decrease the pulling power of the seat belt during pretensioner activation.

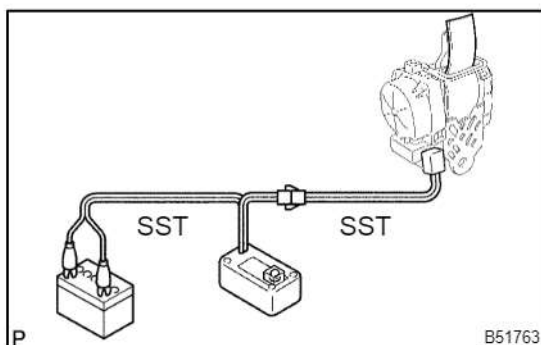


- (b) Check if SST is functioning (see step 1-(a)).

CAUTION:

When activating the seat belt pretensioner, always use the specified SST.

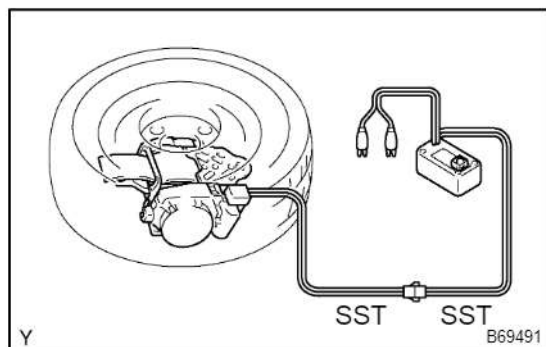
SST 09082-00700, 09082-00770



- (c) Connect SST.
- (1) Connect SST, then connect them to the seat belt pretensioner.

NOTICE:

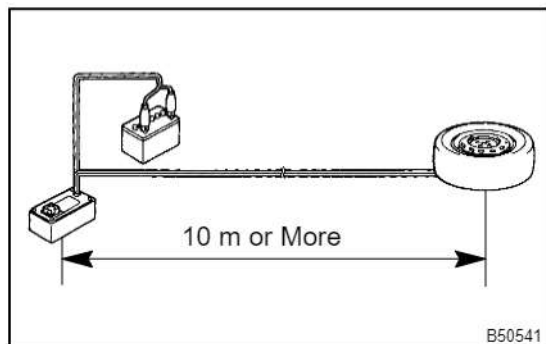
To avoid damaging SST connector and wire harness, do not lock the secondary lock of the twin lock.



- (2) Place the outer belt on the ground and cover it with a tire with a wheel attached.

NOTICE:

Set up the front seat outer belt assy as shown in the illustration.



- (3) Move the SST at least 10 m (33 ft) away from the wheel.

NOTICE:

Take care not to damage the SST wire harness.

- (d) Activate the seat belt pretensioner.

- (1) Connect SST red clip to the battery's positive (+) terminal and the black clip to the battery's negative (-) terminal.
- (2) Check that no one is within 10 m (33 ft) of the wheel.
- (3) Press SST activation switch and activate the seat belt pretensioner.

HINT:

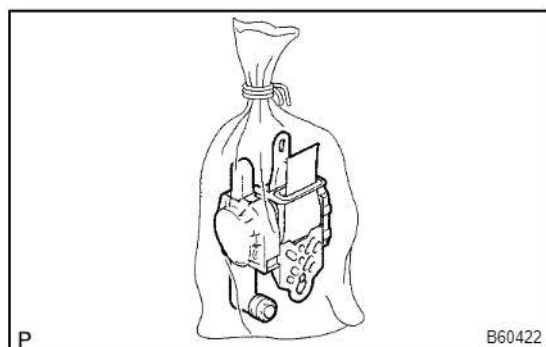
The seat belt pretensioner operates simultaneously with the LED light for SST activation switch.

- (e) Dispose of the outer belt (with the seat belt pretensioner).

CAUTION:

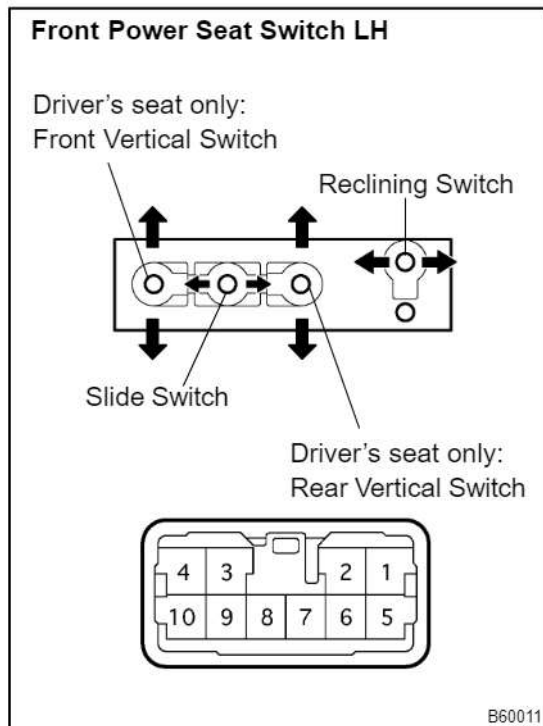
- Do not touch the outer belt for at least 30 minutes after the seat belt pretensioner has been activated. It is very hot.
- Use gloves and safety glasses when handling an outer belt assy with a pretensioner that has been activated.
- Always wash your hands with water after completing operation.
- Do not apply water to an outer belt assy that has an activated pretensioner.

- (1) Remove the wheel and SST.



- (2) Place the outer belt in a plastic bag, tie the end tightly and dispose of it in the same way as other general parts.

INSPECTION



1. INSPECT FRONT POWER SEAT SWITCH LH

- (a) Check the resistance between the terminals when each switch is operated.

Standard:

Slide switch

Tester Connection	Switch Condition	Specified Condition
1 - 9	FRONT	Below 1 Ω
4 - 6	FRONT	Below 1 Ω
4 - 6	OFF	Below 1 Ω
4 - 9	OFF	Below 1 Ω
1 - 6	REAR	Below 1 Ω
4 - 9	REAR	Below 1 Ω

Driver's seat only:

Front vertical switch

Tester Connection	Switch Condition	Specified Condition
1 - 10	UP	Below 1 Ω
4 - 5	UP	Below 1 Ω
4 - 5	OFF	Below 1 Ω
4 - 10	OFF	Below 1 Ω
1 - 5	DOWN	Below 1 Ω
4 - 10	DOWN	Below 1 Ω

Driver's seat only:

Rear vertical switch

Tester Connection	Switch Condition	Specified Condition
1 - 7	UP	Below 1 Ω
4 - 8	UP	Below 1 Ω
4 - 7	OFF	Below 1 Ω
4 - 8	OFF	Below 1 Ω
1 - 8	DOWN	Below 1 Ω
4 - 7	DOWN	Below 1 Ω

Reclining switch

Tester Connection	Switch Condition	Specified Condition
1 - 3	FRONT	Below 1 Ω
2 - 4	FRONT	Below 1 Ω
2 - 4	OFF	Below 1 Ω
3 - 4	OFF	Below 1 Ω
1 - 2	REAR	Below 1 Ω
3 - 4	REAR	Below 1 Ω

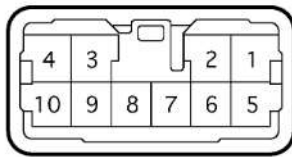
If the result is not as specified, replace the switch.

Front Power Seat Switch RH

Reclining Switch



Slide Switch



B68207

2. INSPECT FRONT POWER SEAT SWITCH RH

- (a) Check the resistance between the terminals when each switch is operated.

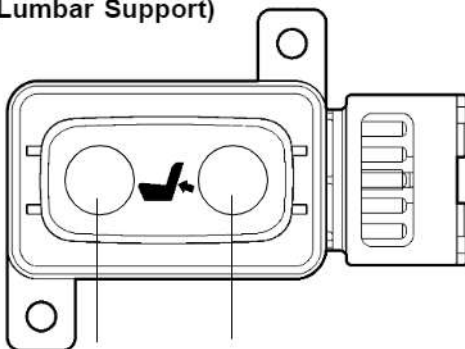
Standard:**Slide switch**

Tester Connection	Switch Condition	Specified Condition
1 - 9	FRONT	Below 1 Ω
4 - 6	FRONT	Below 1 Ω
4 - 6	OFF	Below 1 Ω
4 - 9	OFF	Below 1 Ω
1 - 6	REAR	Below 1 Ω
4 - 9	REAR	Below 1 Ω

Reclining switch

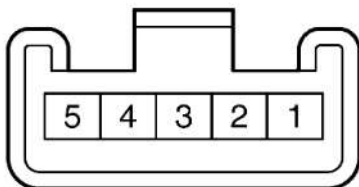
Tester Connection	Switch Condition	Specified Condition
1 - 3	FRONT	Below 1 Ω
2 - 4	FRONT	Below 1 Ω
2 - 4	OFF	Below 1 Ω
3 - 4	OFF	Below 1 Ω
1 - 2	REAR	Below 1 Ω
3 - 4	REAR	Below 1 Ω

If the result is not as specified, replace the switch.

Power Seat Switch Assy (Lumbar Support)

Hold

Release



P

B68208

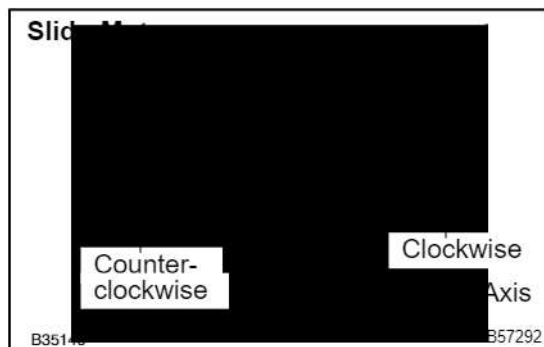
3. Driver's seat only:**INSPECT POWER SEAT SWITCH ASSY (LUMBAR SUPPORT)**

- (a) Check the resistance between the terminals when the switch is operated.

Standard:

Tester Connection	Switch Condition	Specified Condition
1 - 2	HOLD	Below 1 Ω
3 - 4	HOLD	Below 1 Ω
1 - 2	OFF	Below 1 Ω
4 - 5	OFF	Below 1 Ω
1 - 3	RELEASE	Below 1 Ω
4 - 5	RELEASE	Below 1 Ω

If the result is not as specified, replace the switch assy.



4. INSPECT FRONT SEAT ADJUSTER ASSY

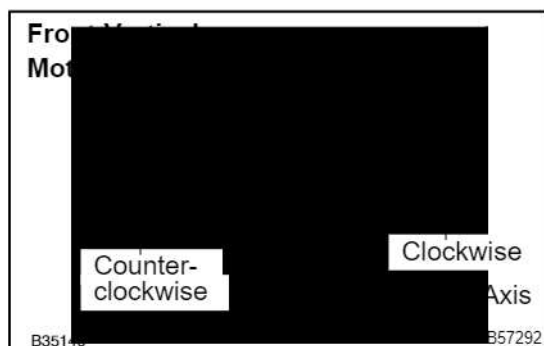
(a) Check operation of the slide motor.

- (1) Check if the motor rotates smoothly when the battery is connected to the slide motor connector terminals.

Standard:

Measurement Condition	Operational Direction
Battery positive (+) → 1 Battery negative (-) → 2	Clockwise
Battery positive (+) → 2 Battery negative (-) → 1	Counterclockwise

If the result is not as specified, replace the slide motor.



(b) Driver's seat only:

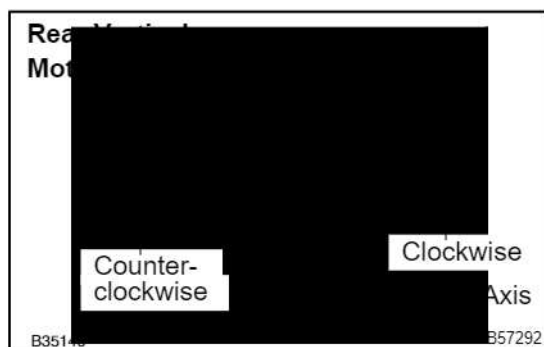
Check operation of the front vertical motor.

- (1) Check if the motor rotates smoothly when the battery is connected to the front vertical motor connector terminals.

Standard:

Measurement Condition	Operational Direction
Battery positive (+) → 1 Battery negative (-) → 2	Clockwise
Battery positive (+) → 2 Battery negative (-) → 1	Counterclockwise

If the result is not as specified, replace the front vertical motor.



(c) Driver's seat only:

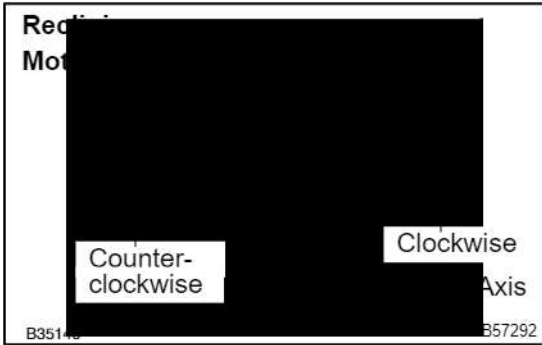
Check operation of the rear vertical motor.

- (1) Check if the motor rotates smoothly when the battery is connected to the rear vertical motor connector terminals.

Standard:

Measurement Condition	Operational Direction
Battery positive (+) → 1 Battery negative (-) → 2	Clockwise
Battery positive (+) → 2 Battery negative (-) → 1	Counterclockwise

If the result is not as specified, replace the rear vertical motor.

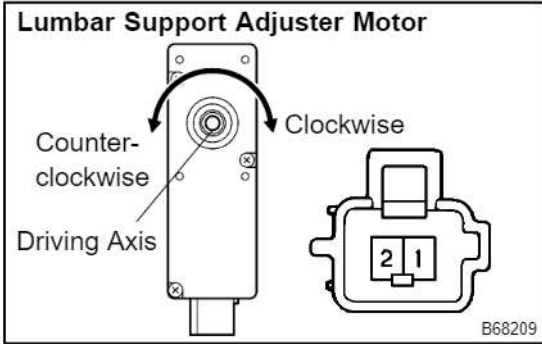


- (d) Check operation of the reclining motor.
- (1) Check if the motor rotates smoothly when the battery is connected to the reclining motor connector terminals.

Standard:

Measurement Condition	Operational Direction
Battery positive (+) → 1 Battery negative (-) → 2	Clockwise
Battery positive (+) → 2 Battery negative (-) → 1	Counterclockwise

If the result is not as specified, replace the reclining motor.



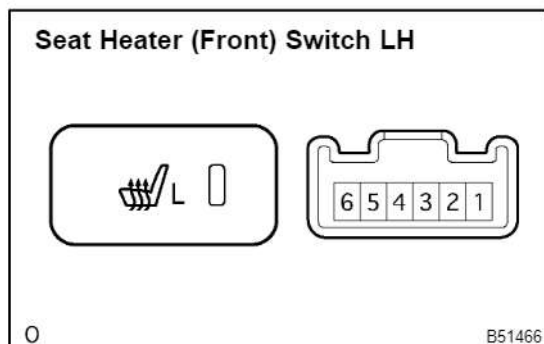
5. **Driver's seat only:**
- INSPECT LUMBAR SUPPORT ADJUSTER ASSY**
- (a) Check operation of the lumbar support adjuster motor.
- (1) Check if the motor rotates smoothly when the battery is connected to the lumbar support adjuster motor connector terminals.

Standard:

Measurement Condition	Operational Direction
Battery positive (+) → 1 Battery negative (-) → 2	Clockwise
Battery positive (+) → 2 Battery negative (-) → 1	Counterclockwise

If the result is not as specified, replace the adjuster motor.

INSPECTION



1. INSPECT SEAT HEATER (FRONT) SWITCH LH

- (a) Check the resistance between the terminals when the switch is operated.

Standard:

Tester Connection	Switch Condition	Specified Condition
3 - 4	ON	Below 1 Ω

If the result is not as specified, replace the seat heater switch.

- (b) Push the seat heater switch ON and check that the seat heater switch indicator illuminates.

Standard:

Measurement Condition	Switch Condition	Specified Condition
Battery positive (+) → Terminal 3 Battery negative (-) → Terminal 6	ON	Illuminates

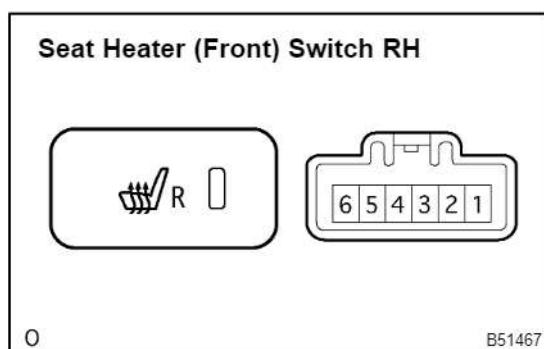
If the result is not as specified, replace the switch or bulb.

- (c) Check that the seat heater switch indicator illuminates.

Standard:

Measurement Condition	Specified Condition
Battery positive (+) → Terminal 1 Battery negative (-) → Terminal 2	Illuminates

If the result is not as specified, replace the switch or bulb.



2. INSPECT SEAT HEATER (FRONT) SWITCH RH

- (a) Check the resistance between the terminals when the switch is operated.

Standard:

Tester Connection	Switch Condition	Specified Condition
3 - 4	ON	Below 1 Ω

If the result is not as specified, replace the seat heater switch.

- (b) Push the seat heater switch ON and check that the seat heater switch indicator illuminates.

Standard:

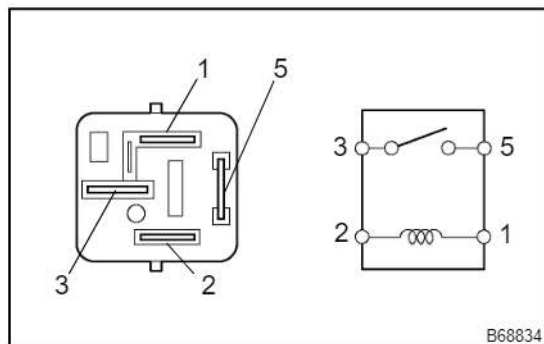
Measurement Condition	Switch Condition	Specified Condition
Battery positive (+) → Terminal 3 Battery negative (-) → Terminal 6	ON	Illuminates

If the result is not as specified, replace the switch or bulb.

- (c) Check that the seat heater switch indicator illuminates
Standard:

Measurement Condition	Specified Condition
Battery positive (+) → Terminal 1 Battery negative (-) → Terminal 2	Illuminates

If the result is not as specified, replace the switch or bulb.



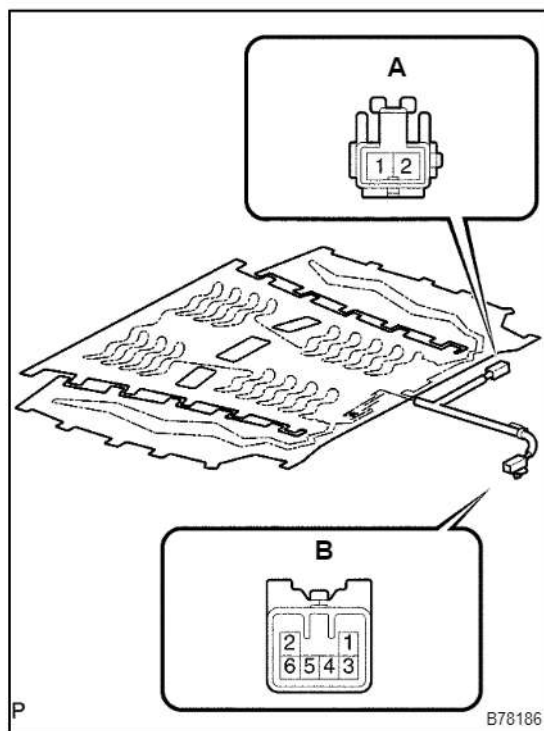
3. INSPECT SEAT HEATER RELAY

- (a) Check the resistance of the relay.

Standard:

Tester Connection	Specified Condition
3 - 5	10 kΩ or higher
3 - 5	Below 1 Ω (when battery voltage is applied to terminals 1 and 2)

If the result is not as specified, replace the relay.



4. INSPECT SEPARATE TYPE FRONT SEAT CUSHION COVER LH

- (a) Apply battery voltage and check the seat cushion heater.
 (1) Check the seat cushion heater.

Standard:

Measurement Condition	Specified Condition
Battery positive (+) → Terminal A2 Battery negative (-) → Terminal B1	Seat cushion heater becomes warm

If the result is not as specified, replace the seat cushion cover.

NOTICE:

After confirming that the seat heater is functioning normally, immediately remove the battery leads. Failing to do so will cause the seat heater to overheat.

- (2) Check the thermostat.

- (b) Apply battery voltage and check the seat cushion heater.
 (1) Check the thermostat.

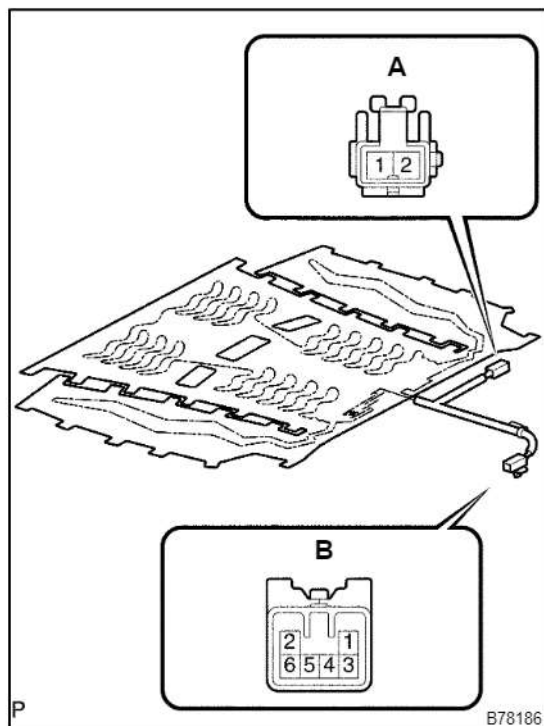
Standard:

Measurement Condition	Specified Condition
Battery positive (+) → Terminal A4 Battery negative (-) → Terminal B6	Seat cushion heater temperature below 44°C (111°F)

If the temperature of the seat heater rises above the specified value, replace the seat cushion cover.

NOTICE:

After confirming that the seat heater is functioning normally, immediately remove the battery leads. Failing to do so will cause the seat heater to overheat.



5. INSPECT SEPARATE TYPE FRONT SEAT CUSHION COVER RH

- (a) Apply battery voltage and check the seat cushion heater.
(1) Check the seat cushion heater.

Standard:

Measurement Condition	Specified Condition
Battery positive (+) → Terminal A2 Battery negative (-) → Terminal A1	Seat cushion heater becomes warm

If the result is not as specified, replace the seat cushion cover.

NOTICE:

After confirming that the seat heater is functioning normally, immediately remove the battery leads. Failing to do so will cause the seat heater to overheat.

- (b) Apply battery voltage and check the seat cushion heater.
(1) Check the thermostat.

Standard:

Measurement Condition	Specified Condition
Battery positive (+) → Terminal B4 Battery negative (-) → Terminal B6	Seat cushion heater temperature below 44°C (111°F)

If the temperature of the seat heater rises above the specified value, replace the seat cushion cover.

NOTICE:

After confirming that the seat heater is functioning normally, immediately remove the battery leads. Failing to do so will cause the seat heater to overheat.

6. INSPECT SEPARATE TYPE FRONT SEATBACK COVER

- (a) Apply battery voltage and check the seatback heater.

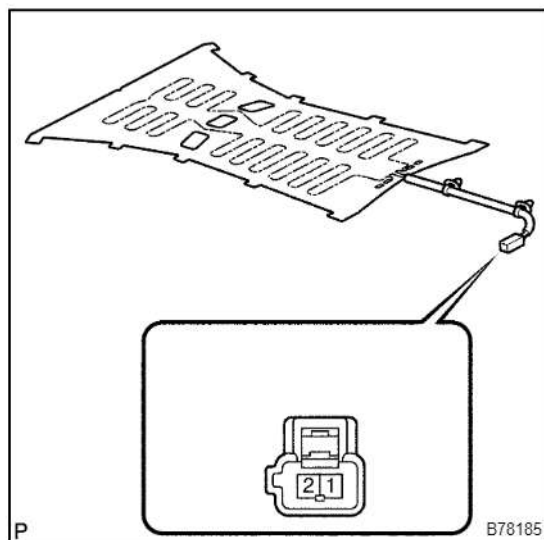
Standard:

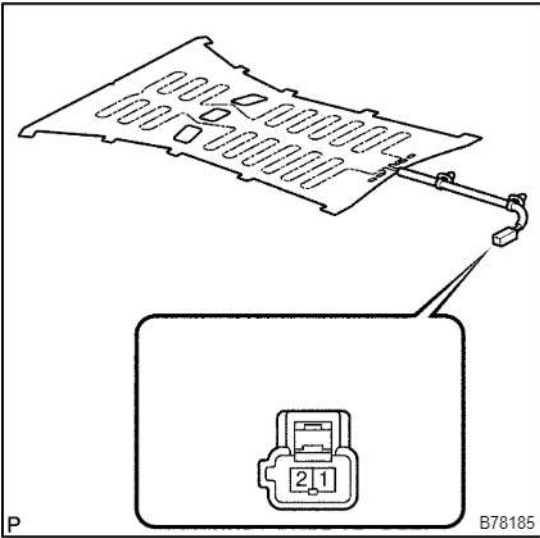
Measurement Condition	Specified Condition
Battery positive (+) → Terminal 2 Battery negative (-) → Terminal 1	Seatback heater becomes warm

If the result is not as specified, replace the seatback cover.

NOTICE:

After confirming that the seat heater is functioning normally, immediately remove the battery leads. Failing to do so will cause the seat heater to overheat.





7. INSPECT SEPARATE TYPE FRONT SEATBACK COVER

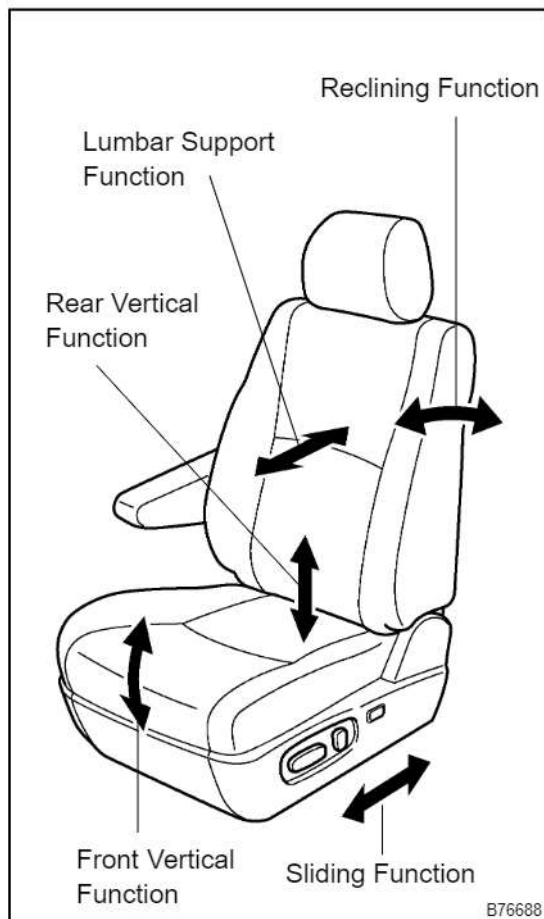
- (a) Apply battery voltage and check the seat cushion heater.
Standard:

Measurement Condition	Specified Condition
Battery positive (+) → Terminal 2 Battery negative (-) → Terminal 1	Seat cushion heater becomes warm

If the result is not as specified, replace the seatback cover.

NOTICE:
After confirming that the seat heater is functioning normally, immediately remove the battery leads. Failing to do so will cause the seat heater to overheat.

ON-VEHICLE INSPECTION



1. CHECK POWER SEAT FUNCTION

- (a) Check the basic functions.
 - (1) Operate the power seat switches and check to make sure each seat function works:
 - Sliding
 - Front vertical (driver's seat only)
 - Rear vertical (driver's seat only)
 - Reclining
 - Lumbar support (driver's seat only)

2. CHECK POWER SEAT MOTOR ASSY

(SLIDING, FRONT VERTICAL, REAR VERTICAL AND RECLINING FUNCTIONS)

HINT:

The front vertical function and rear vertical function are only available for the driver's seat.

- (a) Check the PTC operation inside the power seat motor.

HINT:

The PTC thermistor's resistance increases when the power seat switch is held down even after the power seat has been moved to the maximum in one direction. After the resistance increases, current is shut off to prevent a short circuit.

NOTICE:

Perform steps (1) to (4) for the full range of motion for each power seat function.

- (1) Choose a power seat function. Operate the power seat switch and move the seat to the maximum in one direction. Keep the seat in that position for approximately 60 seconds.
- (2) Operate the power seat switch again and continue to try to move the seat in the same direction as in step (1). Measure the amount of time elapsed before the electrical current is automatically cut. Check if electrical current has shut off by making sure the sound of the motor has stopped.

Standard: 4 to 90 seconds

- (3) After the current has stopped, release the power seat switch and wait for approximately 60 seconds.

- (4) Operate the same power seat switch and move the seat to the opposite extreme of the direction in step (1). Check that the motor operates.
- (5) Repeat steps (1) to (4) for the remaining power seat functions.

3. Driver's seat only:

CHECK LUMBAR SUPPORT ADJUSTER ASSY LH

- (a) Check the PTC operation inside the power seat motor.

NOTICE:

The inspection should be performed with the seat installed in the vehicle.

- (1) Operate the lumbar support switch and move the lumbar support to either the foremost or rear-most position. Keep the seat in that position for approximately 60 seconds.
- (2) Operate the lumbar support switch again and continue to try to move the lumbar support in the same direction as in step (1). Measure the amount of time elapsed before the electrical current is automatically cut. Check if electrical current has shut off by making sure the sound of the motor has stopped.

Standard: 4 to 90 seconds

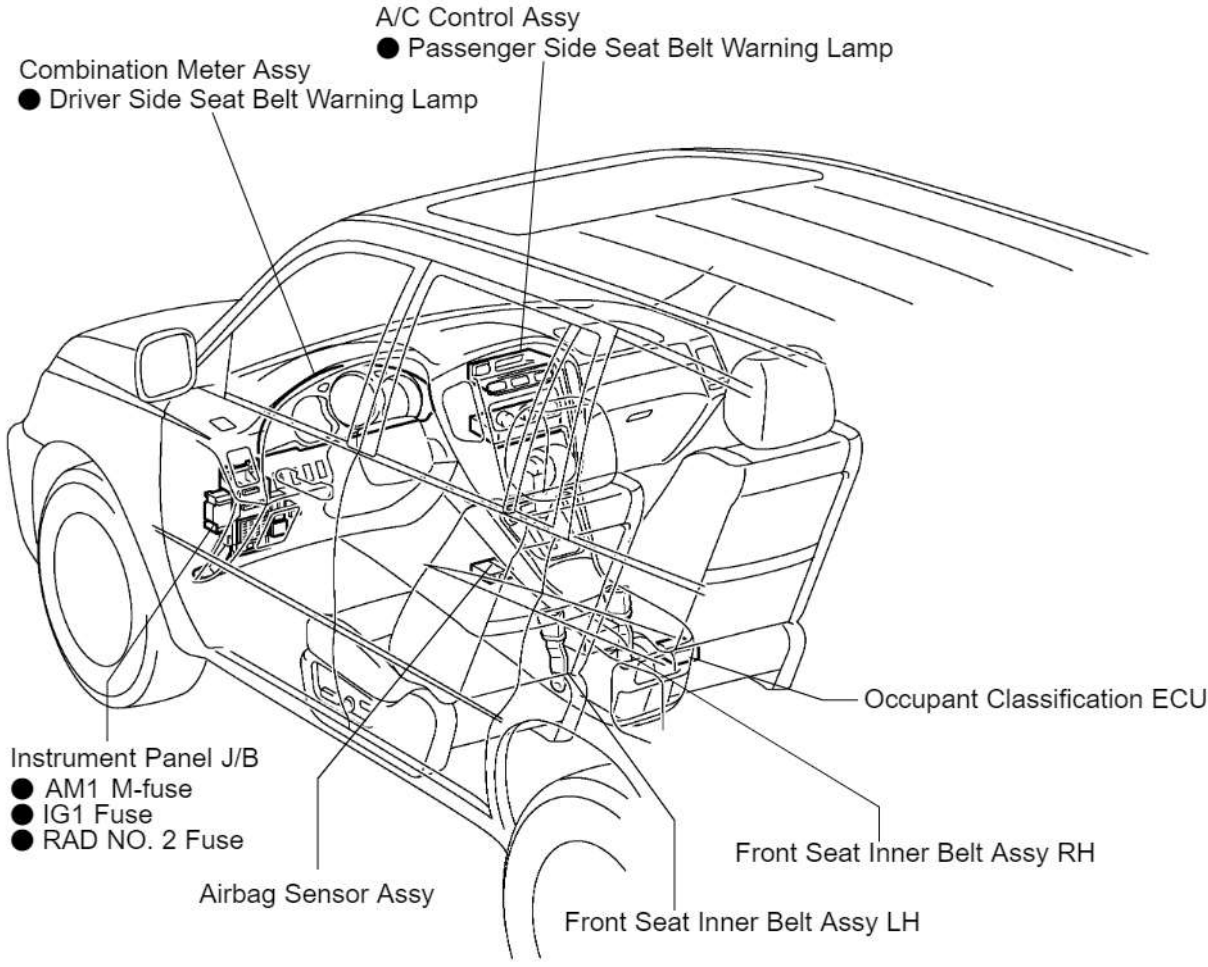
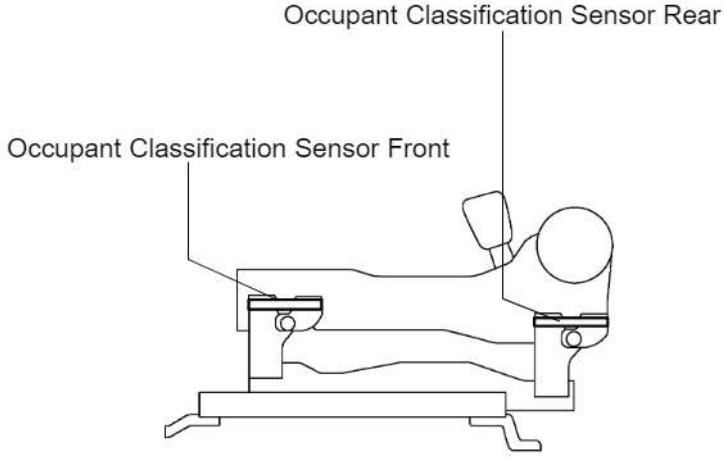
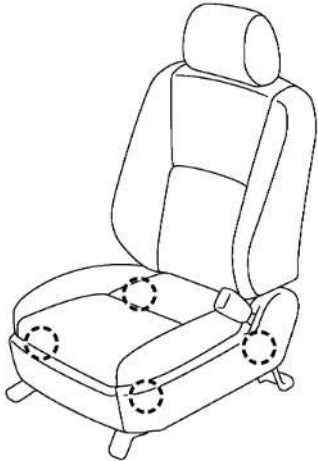
- (3) After the current has stopped, release the lumbar support switch and wait for approximately 60 seconds.
- (4) Operate the lumbar support switch and move the seat to the opposite extreme of the direction in step (1). Check that the motor operates.

SEAT BELT WARNING SYSTEM

LOCATION

610JS-01

Passenger Seat

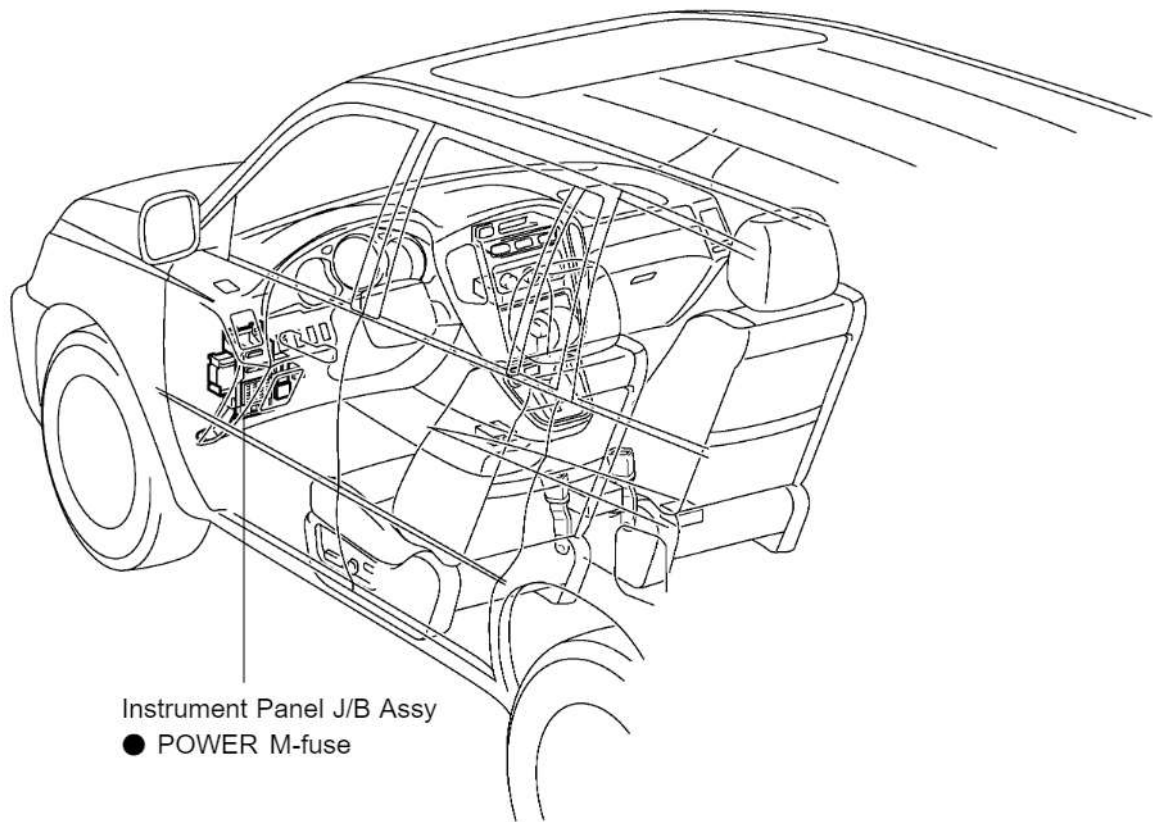


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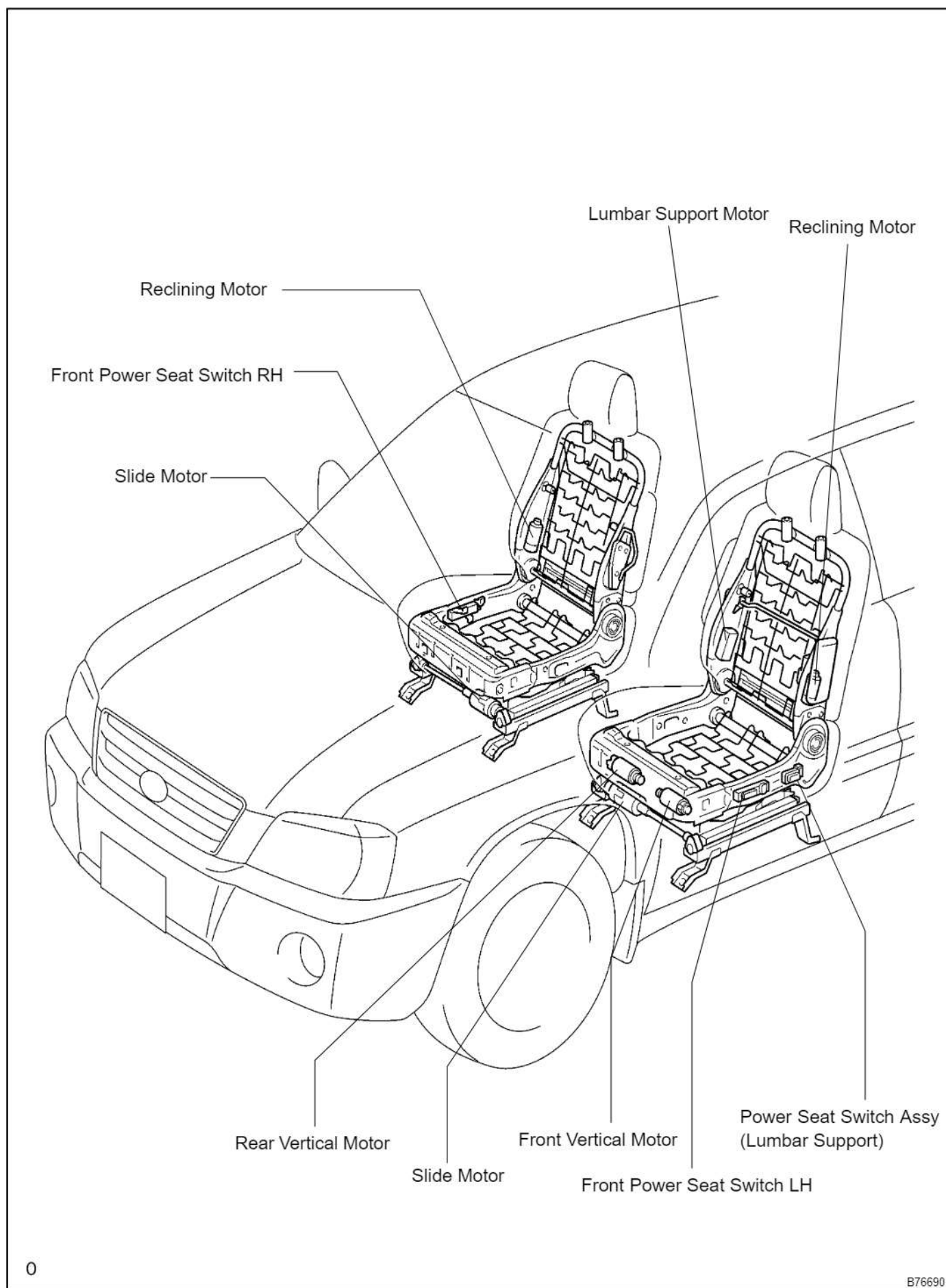
FRONT POWER SEAT CONTROL SYSTEM LOCATION

720JM-02



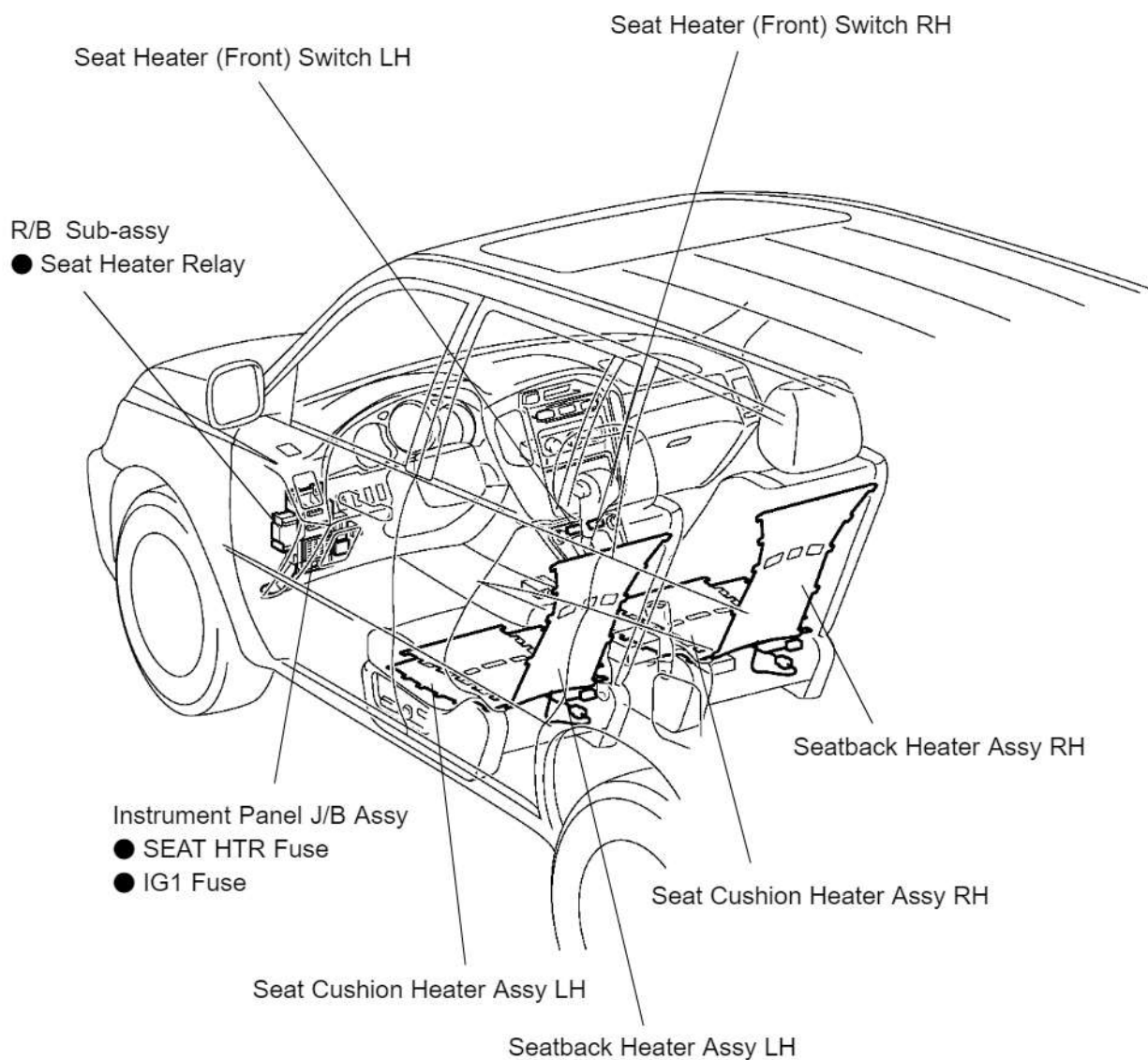
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SEAT HEATER SYSTEM LOCATION

720RM-01



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B78187

PROBLEM SYMPTOMS TABLE

Symptom	Suspected Area	See Page
Driver's and passenger's seat heaters do not warm up	1. SEAT HTR fuse 2. IG1 fuse 3. Seat heater relay 4. Wire harness	72-66 72-66 72-68 -
Only driver's seat heater does not warm up	1. Seat heater (front) switch LH 2. Front seat cushion Cover LH (seat cushion heater assy LH) 3. Front seatback cover LH (seatback heater assy LH) 4. Wire harness	72-68 72-68 72-68 -
Only passenger's seat heater does not warm up	1. Seat heater (front) switch RH 2. Front seat cushion Cover RH (seat cushion heater assy RH) 3. Front seatback cover RH (seatback heater assy RH) 4. Wire harness	72-68 72-68 72-68 -

PROBLEM SYMPTOMS TABLE

Symptom	Suspected Area	See Page
Driver side seat belt warning lamp does not flash	1. IG1 fuse	61-1
	2. AM1 M-fuse	61-1
	3. RAD NO. 2 fuse	61-1
	4. Combination meter	05-1898
	5. Front seat inner belt assy LH	05-1228
	6. Airbag sensor assy	05-1228
	7. Wire harness	05-1228
Passenger side seat belt warning lamp does not flash	1. IG1 fuse	61-1
	2. AM1 M-fuse	61-1
	3. RAD NO. 2 fuse	61-1
	4. A/C control assy	05-1228
	5. Front seat inner belt assy RH	05-1228
	6. Occupant classification sensor	05-1228
	7. Occupant classification ECU	05-1228
	8. Wire harness	05-1228

NOTICE:

The front seat inner belt RH and LH cannot be inspected. When the front seat inner belt seems to be malfunctioning, use the hand-held tester to check for DTCs.

HINT:

The seat belt warning system is part of the large-scale multiplex communication system. This system features shared communication wiring that reduces the wiring complexity of the communication lines. The first step in any repair is to confirm the proper operation of the communication system. Proceed with troubleshooting after the communication has been verified (see multiplex communication system).

PROBLEM SYMPTOMS TABLE

Symptom	Suspected Area	See Page
All power seat functions do not operate	1. POWER M-fuse 2. Wire harness	72-1 -
Only slide operation function does not operate	1. Front power seat switch 2. Slide motor 3. Wire harness	72-6 72-6 -
Only front vertical operation function does not operate (driver's seat only)	1. Front power seat switch 2. Front vertical motor 3. Wire harness	72-6 72-6 -
Only rear vertical operation function does not operate (driver's seat only)	1. Front power seat switch 2. Rear vertical motor 3. Wire harness	72-6 72-6 -
Only reclining operation function does not operate	1. Front power seat switch 2. Reclining motor 3. Wire harness	72-6 72-6 -
Only lumbar support operation function does not operate (driver's seat only)	1. Power seat switch assy (Lumbar support) 2. Lumbar support adjuster motor 3. Wire harness	72-6 72-6 -

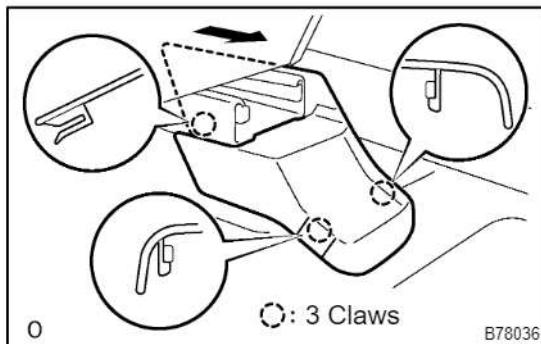
OVERHAUL

CAUTION:

- Wear safety gloves, because the cutting surfaces of the seatback frame and seat adjuster may injure your hand.
- 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 disconnecting the 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.
- The procedures listed below are for the LH side.
- When removing/installing and overhauling the passenger seat, check the passenger occupant classification system and perform the zero point calibration (see page 05-1203).
- A bolt without a torque specification is shown in the standard bolt chart (see page 03-2).

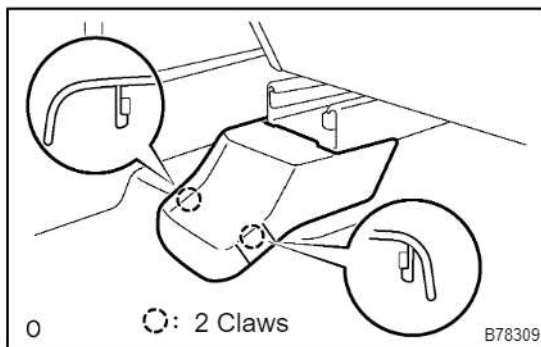


1. REMOVE SEAT TRACK BRACKET COVER OUTER FRONT LH

- (a) Using a screwdriver, disengage the 3 claws and remove the bracket cover.

HINT:

Tape the screwdriver tip before use.

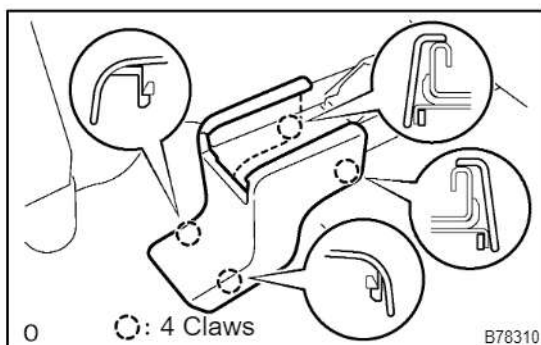


2. REMOVE SEAT TRACK BRACKET COVER INNER FRONT LH

- (a) Using a screwdriver, disengage the 2 claws and remove the bracket cover.

HINT:

Tape the screwdriver tip before use.



3. REMOVE SEAT TRACK BRACKET COVER OUTER LH

- (a) Using a screwdriver, disengage the 4 claws and remove the bracket cover.

HINT:

Tape the screwdriver tip before use.

4. REMOVE SEAT TRACK BRACKET COVER INNER LH

HINT:

Use the same procedures described for the bracket cover outer LH.

5. REMOVE FRONT SEAT ASSY LH

- (a) Remove the headrest.
- (b) Disconnect the connectors under the seat.
- (c) Remove the 4 bolts and seat.

NOTICE:**Be careful not to damage the vehicle body.****6. Passenger's seat only:****REMOVE OCCUPANT CLASSIFICATION ECU (See page 60-64)****7. REMOVE FRONT SEAT CUSHION SHIELD LH**

- (a) Remove the 2 rubber bands from the back of the front seatback board cover.
- (b) Using a screwdriver, pry out the 2 power seat switch knobs.

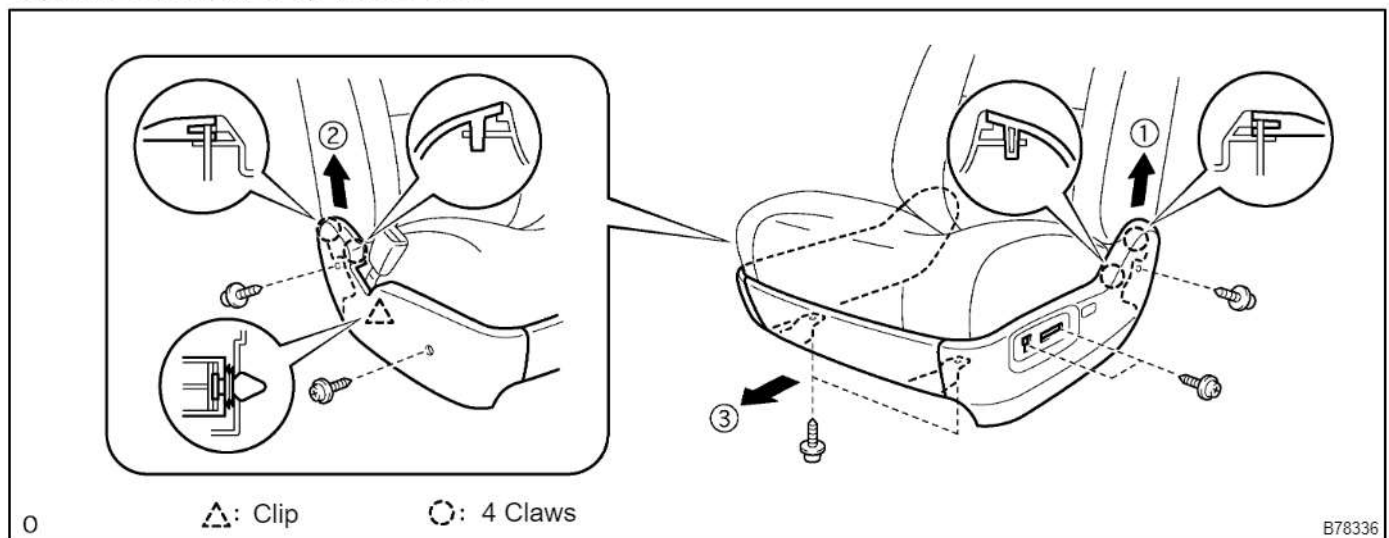
HINT:

Tape the screwdriver tip before use.

- (c) Remove the 7 screws.
- (d) Using a screwdriver, disengage the 4 claws and clip, and remove the cushion shield together with the cushion shield inner and cushion shield inner No. 1.

HINT:

Tape the screwdriver tip before use.



- (e) Disconnect the connector of the power seat switch.
- (f) Remove the screw and disengage the claw using a screwdriver to remove the cushion shield from the cushion shield inner No. 1.

HINT:

Tape the screwdriver tip before use.

8. REMOVE FRONT SEAT CUSHION SHIELD INNER LH

- (a) Remove the screw.
- (b) Using a screwdriver, disengage the claw and remove the cushion shield inner from the cushion shield inner No. 1.

9. REMOVE FRONT POWER SEAT SWITCH LH

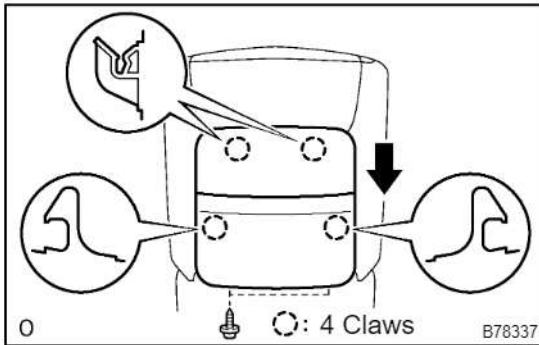
- (a) Disconnect the connectors.
- (b) Remove the 3 screws and seat switch.

10. Driver's seat only:**REMOVE POWER SEAT SWITCH ASSY**

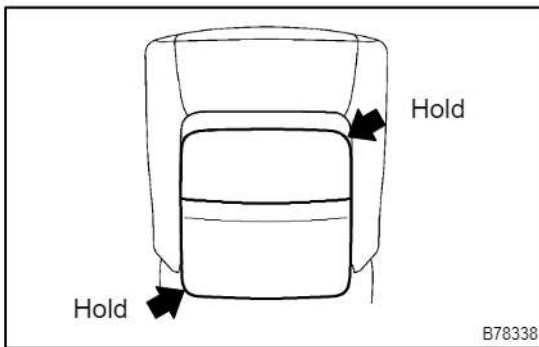
- (a) Remove the 2 screws and seat switch.

11. REMOVE FRONT SEAT INNER BELT ASSY LH (See page 61-4)**12. REMOVE SEPARATE TYPE FRONT SEAT CUSHION COVER**

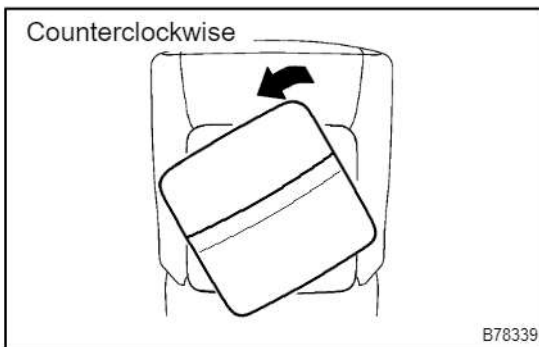
- (a) Using a clip remover, remove the 2 clips on the cushion cover side.
- (b) w/ Seat heater:
Disconnect the seat heater connectors.
- (c) Disengage the hook and remove the hog rings and seat cushion cover together with the pad.
- (d) Remove the hog rings and cushion cover.

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

- (a) Remove the 2 screws.
- (b) Lower the seatback board in the direction indicated by the arrow in the illustration to disengage the 4 claws on the upper part.



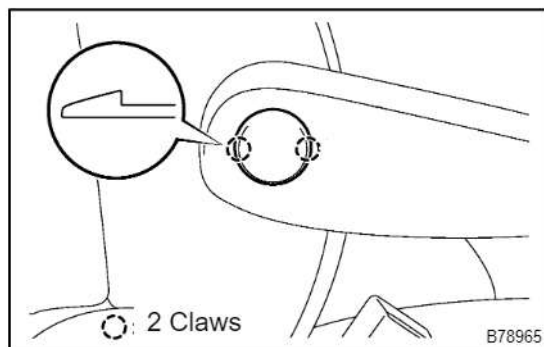
- (c) Hold the seatback board on the upper right and lower left as shown in the illustration.



- (d) Turn the seatback board counterclockwise to disengage the claws and remove it.

14. REMOVE FRONT SEATBACK BOARD COVER SUB-ASSY

- (a) Disengage the hook on the upper part of the seatback board cover.
- (b) Remove the hog rings and seatback board cover.

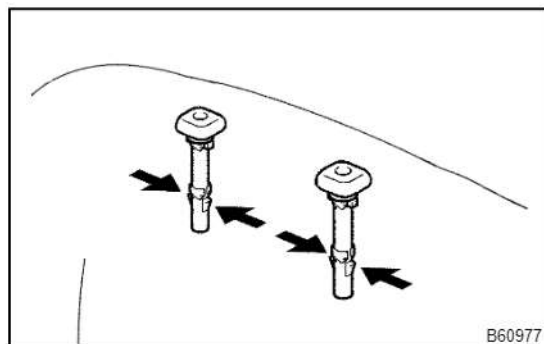
**15. REMOVE SEAT ARMREST ASSY LH**

- (a) Using a screwdriver, disengage the 2 claws and remove the armrest cover.

HINT:

Tape the screwdriver tip before use.

- (b) Remove the bolt and armrest.

**16. REMOVE SEPARATE TYPE FRONT SEATBACK COVER**

- (a) Remove the 2 headrest supports.
 (b) Remove the hog rings and seatback cover together with the pad.
 (c) w/ Side airbag:
 Remove the nut and seatback cover bracket.
 (d) Remove the hog rings and seatback cover.

17. Driver's seat only:**REMOVE LUMBAR SUPPORT ADJUSTER ASSY LH**

- (a) Disconnect the connectors.
 (b) Remove the 2 screws and lumbar support adjuster.

18. REMOVE RECLINING ADJUSTER INSIDE COVER LH (UPPER SIDE)

- (a) Remove the screw and reclining adjuster cover.

19. REMOVE RECLINING ADJUSTER INSIDE COVER RH (UPPER SIDE)

- (a) Remove the screw and reclining adjuster cover.

20. REMOVE RECLINING ADJUSTER INSIDE COVER LH (LOWER SIDE)

- (a) Remove the 2 screws and reclining adjuster cover.

21. REMOVE RECLINING ADJUSTER INSIDE COVER RH (LOWER SIDE)

- (a) Remove the 2 screws and reclining adjuster cover.

22. REMOVE FRONT SEAT CUSHION SHIELD LOWER LH

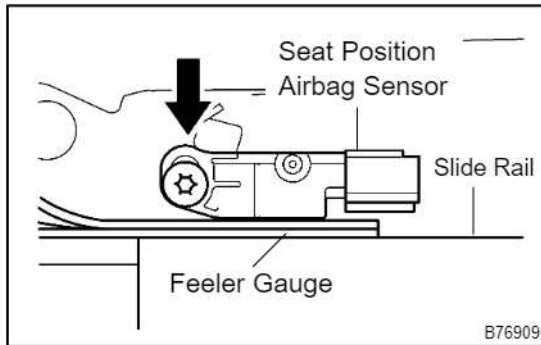
- (a) Remove the screw and cushion shield.

23. REMOVE FRONT SEAT CUSHION SHIELD LOWER RH

- (a) Remove the screw and cushion shield.

24. Driver's seat only:**REMOVE SEAT POSITION AIRBAG SENSOR**

- (a) Disconnect the wire harness connector.
 (b) Disengage the claw and remove the seat slide position protector.
 (c) Using a torx→ socket wrench (T30), remove the torx→ bolt and airbag sensor.

**25. Driver's seat only:****INSTALL SEAT POSITION AIRBAG SENSOR**

- (a) Temporarily install the seat position airbag sensor.
- (b) Install a 1 mm (0.04 in.) feeler gauge between the slide rail and sensor as shown in the illustration.

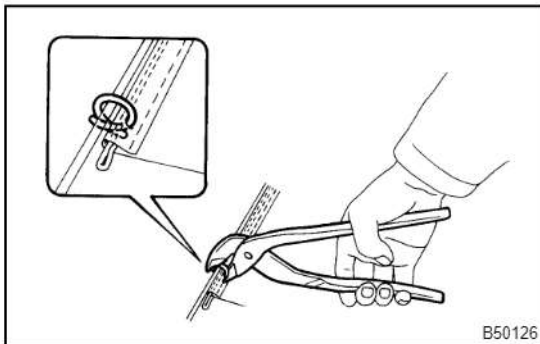
NOTICE:

- If the seat position airbag sensor has been dropped, or there are any cracks, dents or other defects in the case, bracket or connector, replace the seat position airbag sensor with a new one.
- When installing the seat position airbag sensor, be careful that the SRS wiring does not interfere with other parts and is not pinched between other parts.

HINT:

Be sure to maintain a clearance between the seat position airbag sensor and the seat rail is within 0.6 mm (0.023 in.) to 2.0 mm (0.079 in.).

- (c) Push the top of the sensor. While holding the sensor, tighten the sensor using a torx→ socket wrench (T30).
Torque: 8.0 N·m (82 kgf·cm, 71 in·lbf)
- (d) Install the seat slide position protector.
- (e) Connect the wire harness connector.

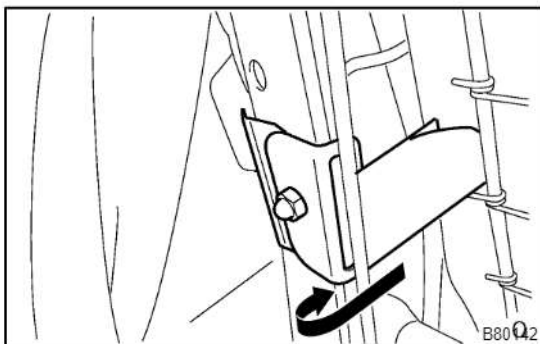
**26. INSTALL SEPARATE TYPE FRONT SEATBACK COVER**

- (a) Install the seatback pad.
- (b) Cover the top of the seatback pad with the seatback cover.
- (c) 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 prevent wrinkles as much as possible.

- (d) Install the 2 headrest supports.



- (e) w/ Side airbag:
Fully cover the airbag with the seatback cover bracket and tighten the nut.

Torque: 5.6 N·m (57 kgf·cm, 49 in·lbf)

NOTICE:

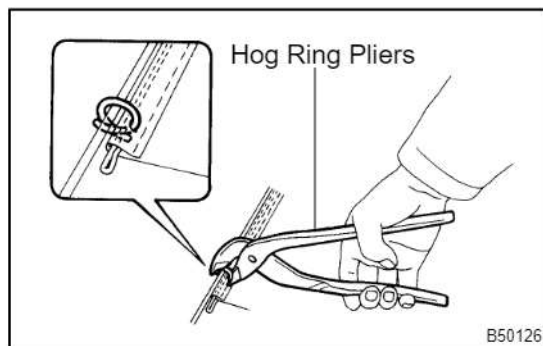
- For a vehicle with side airbag, the side airbag may not be activated normally unless the seatback cover is securely installed.
- Check that the strap has no twist after installing the bracket.
- Install the bracket securely.

27. INSTALL SEAT ARMREST ASSY LH

- (a) Install the armrest with the bolt.

Torque: 37 N·m (377 kgf·cm, 27 ft·lbf)

- (b) Install the armrest cover.

**28. INSTALL SEPARATE TYPE FRONT SEAT CUSHION COVER**

- (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 prevent wrinkles as much as possible.
- (c) w/ Seat heater:
 Connect the seat heater connectors.
- (d) Install the clip.

29. INSTALL FRONT SEAT INNER BELT ASSY LH (See page 61-4)**30. INSTALL FRONT SEAT ASSY LH**

- (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: 36.7 N·m (375 kgf·cm, 27 ft·lbf)

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

Torque: 36.7 N·m (375 kgf·cm, 27 ft·lbf)

- (e) Install the 4 seat track covers.
 (f) Install the headrest.
 (g) Connect the negative battery's terminal.

31. INSPECT FUNCTION OF POWER SEAT OPERATION (See page 72-4)**32. w/ Seat heater:****CHECK SEAT HEATER OPERATION**

33. Passenger's seat only:**CHECK FUNCTION OF FRONT PASSENGER OCCUPANT CLASSIFICATION SYSTEM****HINT:**

Perform the zero point calibration and sensitivity check when any of the following conditions is met.

- The occupant classification ECU is replaced.
- Accessories (seatback tray and seat cover, etc.) are installed.
- The passenger seat is removed from the vehicle.
- Both the SRS warning lamp and the passenger airbag ON/OFF indicator lamp ("OFF") turn on.
- The vehicle is brought to the workshop for repair due to an accident or a collision.

(a) Zero point calibration procedure:

- (1) Adjust the seat position according to the conditions below.

Adjustment Component	Position
Slide Direction	Rearmost position
Reclining Angle	Upright position
Headrest Height	Lowest position

- (2) Connect the hand-held tester to the DLC3.
- (3) Turn the ignition switch ON.
- (4) Perform the zero point calibration by following the prompts on the tester screen.

HINT:

Refer to the hand-held tester operator's manual for further details.

(b) Sensitivity check procedure.

- (1) Connect the hand-held tester to the DLC3.
- (2) Apply a 30 kg weight (for example, a 30 kg of lead mass) onto the passenger seat.
- (3) Turn the ignition switch to the ON position.
- (4) Using the hand-held tester, perform the sensitivity check and confirm that the sensitivity is within the standard value.

Standard value: 27 to 33 kg

HINT:

- When performing the sensitivity check, use a solid weight made from metal. The check results may not be accurate if a weight made from liquid is used.
- When the sensitivity deviates from the standard value, retighten the bolts of the passenger seat, taking care not to deform the seat rail. Perform the sensitivity check again. If the sensitivity still is not within the standard value, replace the front seat assembly RH.

NOTICE:

Do not place any objects on the seat. Perform the initialization by attaching a mass more than 2 kgs in the seatback pocket, seatback table installed by the user or other appropriate location.

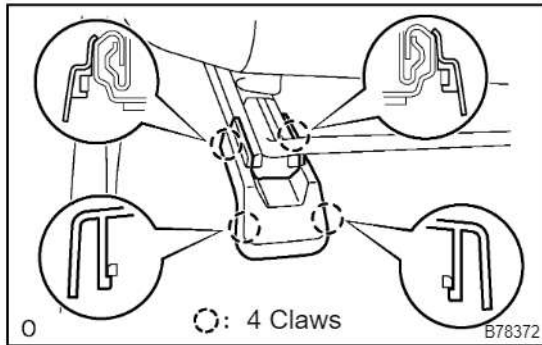
- (c) Check the SRS warning lamp (see page 60-1).

OVERHAUL

HINT:

- The installation procedures are the removal procedures in reverse order. However, only installation procedures requiring additional information are included.
- A bolt without a torque specification is shown in the standard bolt chart (see page 03-2).

1. REMOVE DECK BOARD SUB-ASSY (See page 76-21)



2. REMOVE REAR SEAT TRACK BRACKET COVER OUTER

- (a) Using a screwdriver, disengage the 4 claws and remove the bracket cover.

HINT:

Tape the screwdriver tip before use.

3. REMOVE REAR SEAT TRACK BRACKET COVER INNER

HINT:

Use the same procedures described for the bracket cover outer.

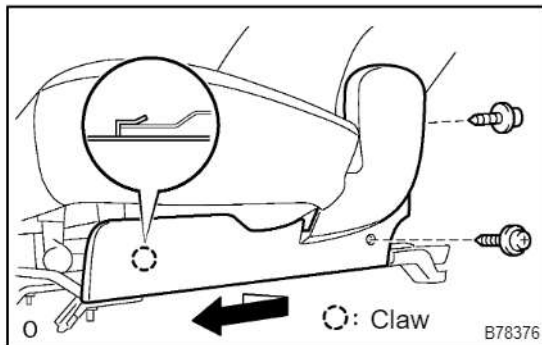
4. REMOVE REAR NO.1 SEAT ASSY LH

- (a) Using a clip remover, remove the 3 clips.

HINT:

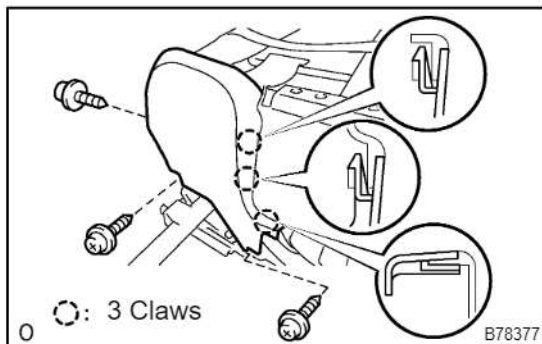
Tape the clip remover tip before use.

- (b) Remove the bolt holding the fold seat stopper band on the vehicle side.
 (c) Remove the headrest.
 (d) Remove the 5 bolts and seat.



5. REMOVE REAR SEAT CUSHION MOULDING LH

- (a) Remove the 2 screws.
 (b) Remove the moulding by pulling it out in the arrow mark direction shown in the illustration.



6. REMOVE REAR SEAT CUSHION MOULDING REAR LH

- (a) Remove the 3 screws.
 (b) Using a screwdriver, disengage the 3 claws and remove the moulding.

HINT:

Tape the screwdriver tip before use.

7. REMOVE REAR SEAT CUSHION ASSY LH

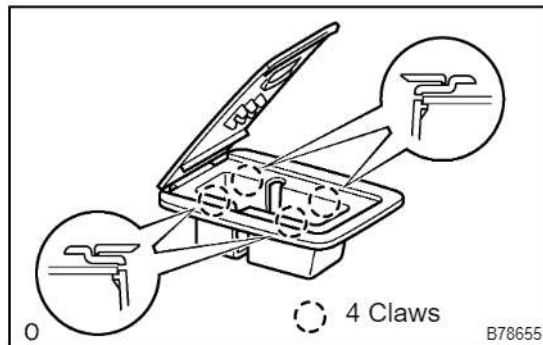
- (a) Using a torx→ socket wrench (T45), remove the 2 torx→ bolts.
- (b) Remove the 2 bolts and cushion.

8. REMOVE SEPARATE TYPE REAR SEAT CUSHION COVER

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

9. REMOVE TONNEAU COVER HOOK HOLDER

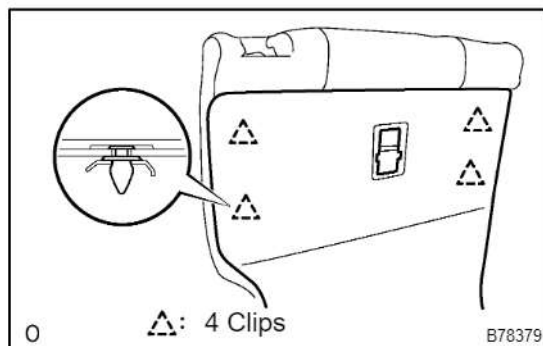
- (a) Remove the 2 screws and 2 holders.

**10. REMOVE REAR SEATBACK COVER LH**

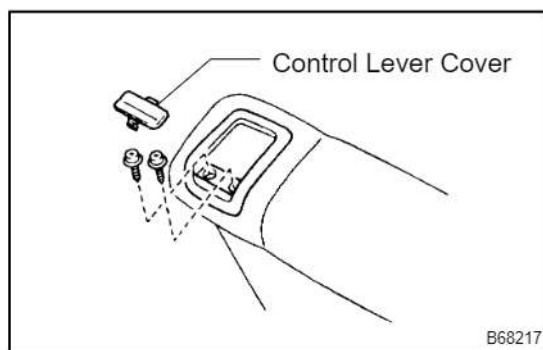
- (a) Using a screwdriver, disengage the 4 claws and remove the seatback cover.

HINT:

Tape the screwdriver tip before use.

**11. REMOVE REAR SEATBACK BOARD CARPET ASSY LH**

- (a) Remove the 4 clips and seatback board carpet.

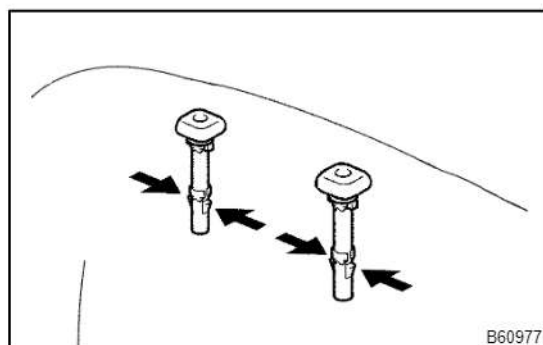
**12. REMOVE REAR SEAT LOCK CONTROL LEVER SUB-ASSY LH**

- (a) Using a screwdriver, disengage the 2 claws and remove the seat lock control lever cover.

HINT:

Tape the screwdriver tip before use.

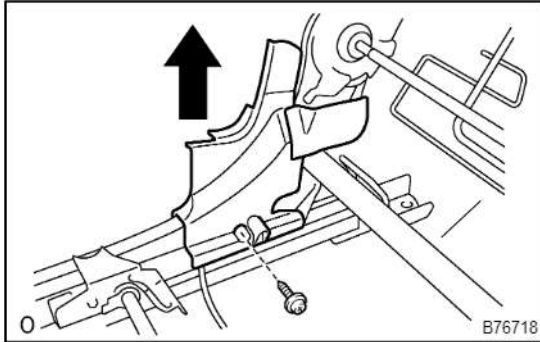
- (b) Remove the 2 screws.
- (c) Disconnect the reclining remote control cable and remove the seat lock control lever.

**13. REMOVE SEPARATE TYPE REAR SEATBACK COVER**

- (a) Remove the 2 headrest supports.
- (b) Using a clip remover, remove the 2 clips.
- (c) Disengage the hook and remove the seatback cover together with the pad from the seatback frame.
- (d) Remove the hog rings and seatback cover.

14. REMOVE FOLD SEAT STOPPER BAND ASSY NO.2

- (a) Remove the bolt and stopper band on the seat side.

15. DISCONNECT REAR SEAT RECLINING CONTROL NO. 2 CABLE**16. REMOVE REAR SEAT BELT ASSY INNER (See page 61-15)****17. REMOVE REAR SEAT RECLINING COVER INNER LH**

- (a) Remove the screw and the reclining cover in the direction indicated by the arrow in the illustration.

18. REMOVE REAR SEATBACK FRAME ASSY LH

- (a) Using a torx→ socket wrench (T40), remove the 4 torx→ bolts and seatback frame.

19. REMOVE RECLINING CONTROL LINK SUB-ASSY LH

- (a) Remove the 4 nuts and control link.

20. REMOVE SEAT TRACK STOP PLATE LH

- (a) Remove the 2 nuts and stop plate.

21. REMOVE REAR SEATBACK FRAME SUB-ASSY LOWER LH

- (a) Outer side:

Using a torx→ socket wrench (T40), remove the 3 torx→ bolts.

- (b) Inner side:

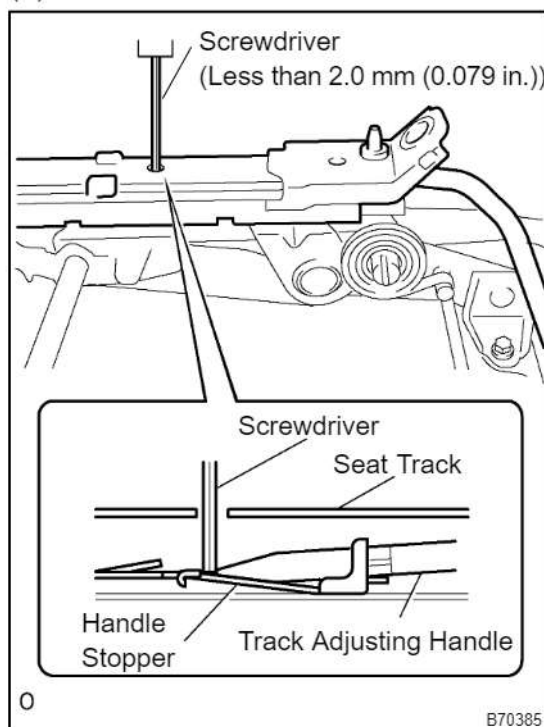
Using a torx→ socket wrench (T55), remove the 2 torx→ bolts and seatback frame.

22. REMOVE FOLD SEAT CUSHION FRAME NO.1

- (a) Remove the 2 nuts and cushion frame.

23. REMOVE FOLD SEAT CUSHION FRAME NO.2

- (a) Remove the 2 nuts and cushion frame.

**24. REMOVE REAR SEAT TRACK ADJUSTING HANDLE**

- (a) Using a screwdriver, push down the handle stopper to disengage the claw with the slide rail in the frontmost position. Remove the adjusting handle.

25. INSTALL FOLD SEAT CUSHION FRAME NO.1

- (a) Install the cushion frame with the 2 nuts.

Torque: 42 N·m (428 kgf·cm, 31 ft·lbf)

26. INSTALL FOLD SEAT CUSHION FRAME NO.2

- (a) Install the cushion frame with the 2 nuts.

Torque: 42 N·m (428 kgf·cm, 31 ft·lbf)

27. INSTALL REAR SEATBACK FRAME SUB-ASSY LOWER LH

- (a) Outer side:

Using a torx→ socket wrench (T40), install the 3 torx→ bolts.

Torque: 42 N·m (428 kgf·cm, 31 ft·lbf)

- (b) Inner side:

Using a torx→ socket wrench (T55), install the seatback frame with the 2 torx→ bolts.

Torque: 42 N·m (428 kgf·cm, 31 ft·lbf)

28. INSTALL REAR SEATBACK FRAME ASSY LH

- (a) Using a torx→ socket wrench (T40), install the seatback frame with the 4 torx→ bolts.

Torque: 42 N·m (428 kgf·cm, 31 ft·lbf)

29. INSTALL SEAT TRACK STOP PLATE LH

- (a) Install the stop plate with the 2 nuts.

Torque: 18 N·m (184 kgf·cm, 13 ft·lbf)

30. INSTALL RECLINING CONTROL LINK SUB-ASSY LH

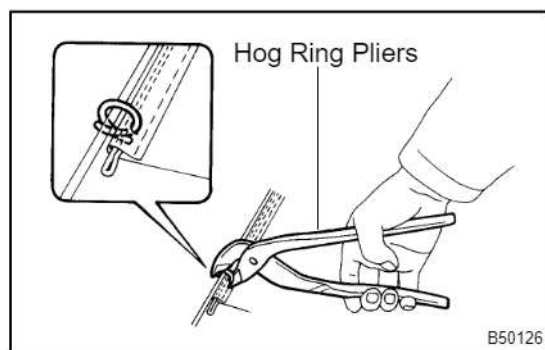
- (a) Install the control link with the 4 nuts.

Torque: 42 N·m (428 kgf·cm, 31 ft·lbf)

31. INSTALL REAR SEAT BELT ASSY INNER (See page 61-15)**32. INSTALL FOLD SEAT STOPPER BAND ASSY NO.2**

- (a) Install the fold seat stopper band with the bolt.

Torque: 9.0 N·m (92 kgf·cm, 80 in·lbf)

**33. INSTALL SEPARATE TYPE REAR SEATBACK COVER**

- (a) Using hog ring pliers, install the seatback cover to the seatback pad with new hog rings.

- (b) Install the seatback cover to the seatback frame.

NOTICE:

- **Be careful not to damage the cover.**
 - **When installing the hog rings, take care to prevent wrinkles as much as possible.**
- (c) Install the 2 headrest supports.

34. INSTALL SEPARATE TYPE REAR SEAT CUSHION COVER

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

- (b) Install the cushion cover to the cushion frame.

NOTICE:

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

35. INSTALL REAR SEAT CUSHION ASSY LH

- (a) Hinge side:

Using a torx→ socket wrench (T45), install the seat cushion with the 2 torx→ bolts.

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

- (b) Cushion side:

Install the seat cushion with the 2 bolts.

Torque: 18 N·m (184 kgf·cm, 13 ft·lbf)

36. INSTALL REAR NO.1 SEAT ASSY LH

- (a) Place the seat in the cabin.

- (b) Install the seat with the 5 bolts.

Torque: 36.7 N·m (375 kgf·cm, 27 ft·lbf)

- (c) Install the fold seat stopper band with the bolt on the vehicle side.

Torque: 9.0 N·m (92 kgf·cm, 80 in·lbf)

- (d) Install the headrest.

- (e) When sliding the seat, check that both sides of the adjuster lock simultaneously.

HINT:

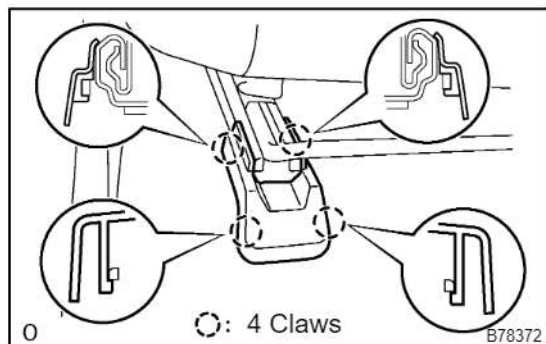
Check that the seat adjuster locks.

OVERHAUL

HINT:

- The installation procedures are the removal procedures in reverse order. However, only installation procedures requiring additional information are included.
- A bolt without a torque specification is shown in the standard bolt chart (see page 03-2).

1. REMOVE DECK BOARD SUB-ASSY (See page 76-21)



2. REMOVE REAR SEAT TRACK BRACKET COVER OUTER

- (a) Using a screwdriver, disengage the 4 claws remove the bracket cover.

HINT:

Tape the screwdriver tip before use.

3. REMOVE REAR SEAT TRACK BRACKET COVER INNER

HINT:

Use the same procedures described for the bracket cover outer.

4. REMOVE REAR NO.1 SEAT ASSY RH

- (a) Using a clip remover, remove the 5 clips.

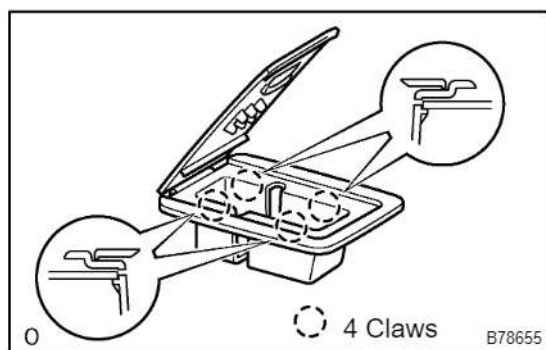
HINT:

Tape the clip remover tip before use.

- (b) Remove the bolt holding the fold seat stopper band on the vehicle side.
 (c) Remove the 2 headrests.
 (d) Remove the 5 bolts and seat.

5. REMOVE TONNEAU COVER HOOK HOLDER

- (a) Remove the 2 screws and 2 holders.

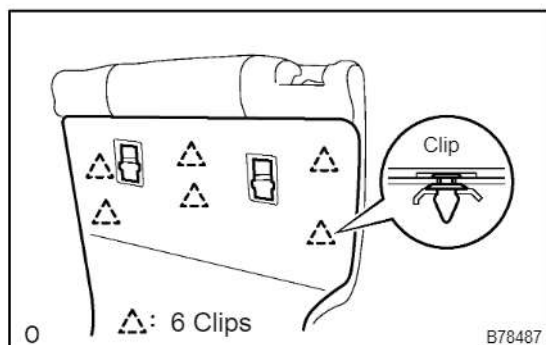


6. REMOVE REAR SEATBACK COVER RH

- (a) Using a screwdriver, disengage the 4 claws and remove the seatback cover.

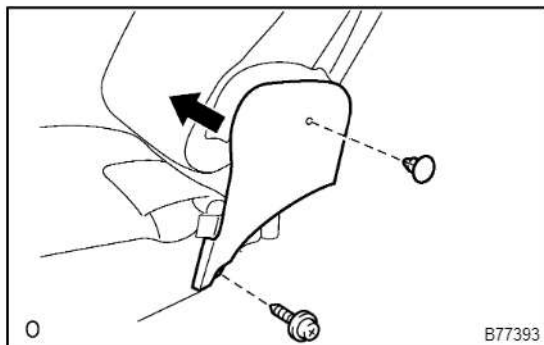
HINT:

Tape the screwdriver tip before use.



7. REMOVE REAR SEATBACK BOARD CARPET ASSY RH

- (a) Remove the 6 clips and seatback board carpet.

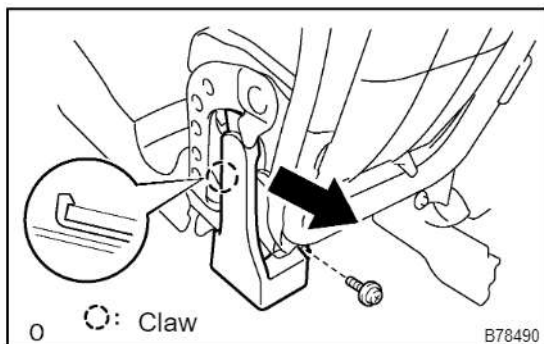
**8. REMOVE RECLINING COVER PROTECTOR LH**

- (a) Using a clip remover, remove the clip.

HINT:

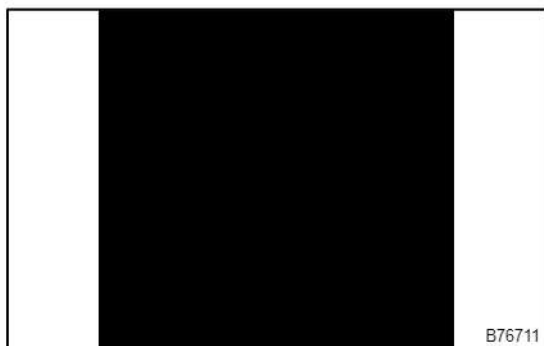
Tape the clip remover tip before use.

- (b) Remove the screw and reclining cover protector by pulling out the protector in the direction indicated by the arrow in the illustration.

**9. REMOVE CENTER SEAT HINGE COVER UPPER LH**

- (a) Remove the screw.

- (b) Using a screwdriver, remove the claw and hinge cover by pulling out the cover in the direction indicated by the arrow in the illustration.

**10. REMOVE REAR SEATBACK ASSY CENTER**

- (a) Remove the screw.

- (b) Using a torx→ socket wrench (T45), remove the torx→ bolt.

- (c) Remove the 3 bolts and seatback.

11. REMOVE RECLINING COVER PROTECTOR RH

- (a) Using a clip remover, remove the clip.

HINT:

Tape the clip remover tip before use.

- (b) Remove the screw and reclining cover protector.

12. REMOVE REAR SEATBACK MOULDING LH

- (a) Using a torx→ socket wrench (T40), remove the torx→ bolt and center back hinge.

- (b) Using a torx→ socket wrench (T40), remove the torx→ bolt and rear seat cushion spring No. 2.

- (c) Remove the 3 screws and moulding.

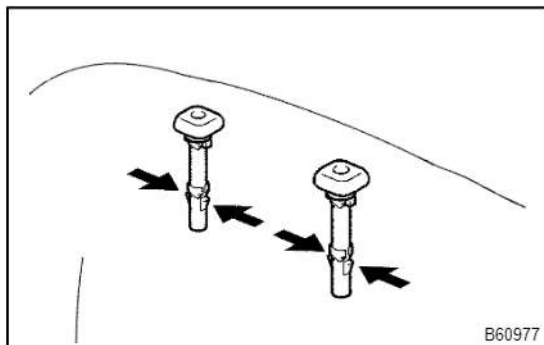
13. REMOVE REAR SEATBACK MOULDING RH

- (a) Using a torx→ socket wrench (T40), remove the torx→ bolt and center back hinge.

- (b) Remove the 3 screws and moulding.

14. REMOVE REAR SEAT ARMREST ASSY CENTER

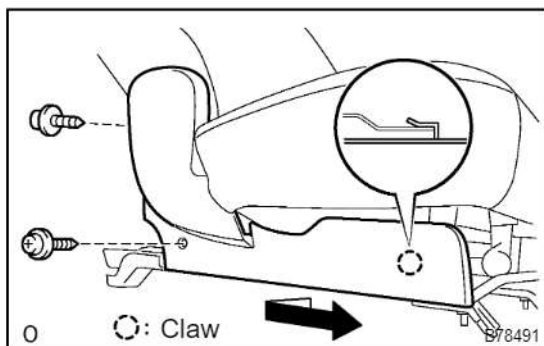
- (a) Using a torx→ socket wrench (T45), remove the 2 torx→ bolts and armrest.

**15. REMOVE NO.1 SEATBACK COVER**

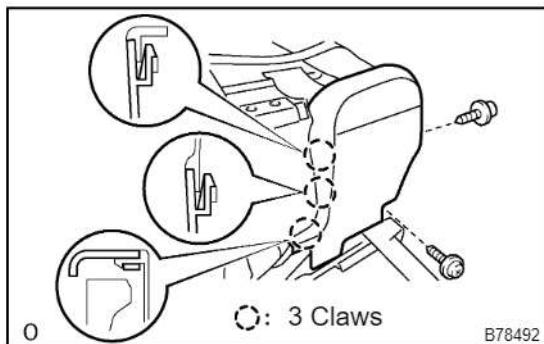
- (a) Remove the 2 headrest supports.
- (b) Disengage the claws and remove the seatback cover.

16. REMOVE NO.2 CENTER SEATBACK COVER

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

**17. REMOVE REAR SEAT CUSHION MOULDING RH**

- (a) Remove the 2 screws.
- (b) Remove the moulding by pulling it out in the direction indicated by the arrow in the illustration.

**18. REMOVE REAR SEAT CUSHION MOULDING REAR RH**

- (a) Remove the 2 screws.
- (b) Using a screwdriver, disengage the 3 claws and remove the moulding.

HINT:

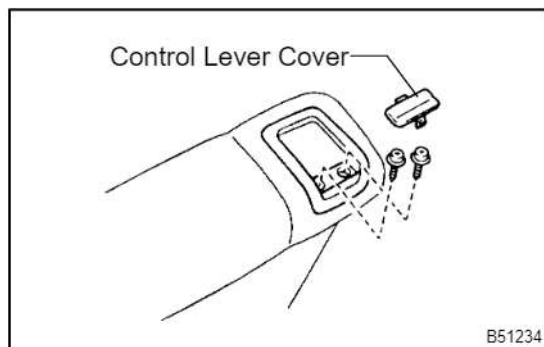
Tape the screwdriver tip before use.

19. REMOVE REAR SEAT CUSHION ASSY RH

- (a) Using a torx→ socket wrench (T45), remove the 2 torx→ bolts.
- (b) Remove the 2 bolts and seat cushion.

20. REMOVE SEPARATE TYPE REAR SEAT CUSHION COVER

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



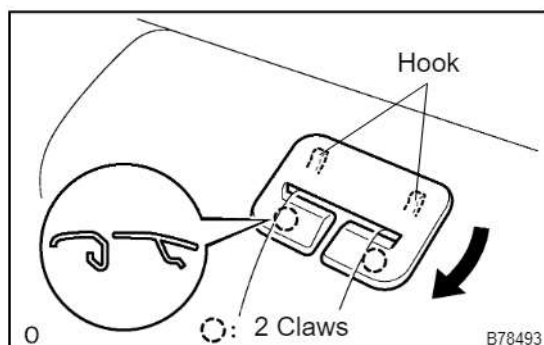
21. REMOVE REAR SEAT LOCK CONTROL LEVER SUB-ASSY RH

- (a) Using a screwdriver, disengage the 2 claws and remove the control lever cover.

HINT:

Tape the screwdriver tip before use.

- (b) Remove the 2 screws.
(c) Disconnect the reclining control cable and remove the control lever.



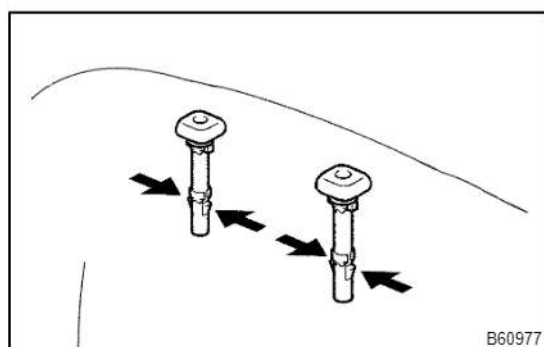
22. REMOVE REAR SEATBACK LOCK BEZEL UPPER

- (a) Using a screwdriver, disengage the 2 claws and 2 hooks.

HINT:

Tape the screwdriver tip before use.

- (b) Remove the shoulder belt cover by pulling it out in the direction indicated by the arrow in the illustration.



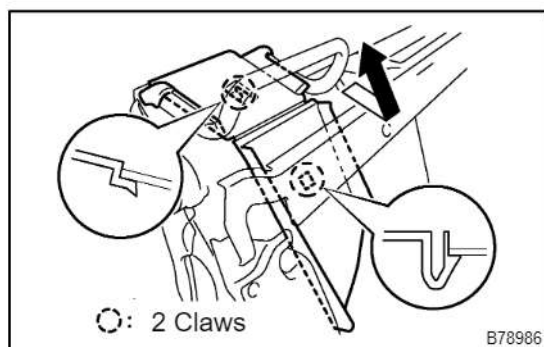
23. REMOVE SEPARATE TYPE REAR SEATBACK COVER

- (a) Remove the 2 headrest supports.
(b) Using a clip remover, remove the 2 clips.
(c) Disengage the hook and remove the seatback cover together with the pad from the seatback frame.
(d) Remove the hog rings and seatback cover.

24. REMOVE REAR SEAT BELT ASSY OUTER CENTER (See page 61-15)

25. REMOVE REAR SEATBACK FRAME ASSY RH

- (a) Using a torx→ socket wrench (T45), remove the 2 torx→ bolts.
(b) Remove the 2 bolts and seatback frame.



26. REMOVE REAR SEAT SHOULDER BELT COVER

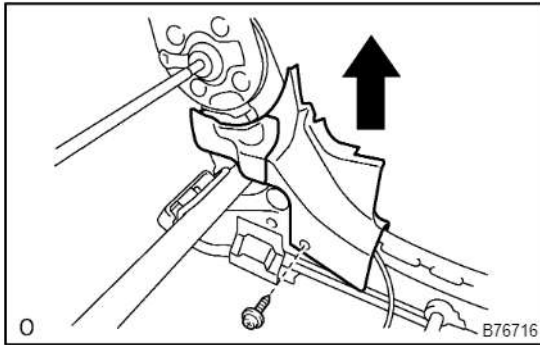
- (a) Disengage the 2 claws and remove the belt cover by pulling it out in the direction indicated by the arrow in the illustration.

27. REMOVE FOLD SEAT STOPPER BAND ASSY NO.1

- (a) Remove the bolt and stopper band.

28. DISCONNECT REAR SEAT RECLINING CONTROL NO. 2 CABLE

29. REMOVE REAR SEAT BELT ASSY INNER (See page 61-15)

**30. REMOVE REAR SEAT RECLINING COVER INNER RH**

- (a) Remove the screw and the reclining cover in the direction indicated by the arrow in the illustration.

31. REMOVE SEAT TRACK STOP PLATE RH

- (a) Remove the 2 nuts and the seat track stop plate.

32. REMOVE RECLINING CONTROL LINK SUB-ASSY RH

- (a) Remove the bolt, 4 nuts and reclining control link.

33. REMOVE REAR SEATBACK FRAME SUB-ASSY LOWER RH

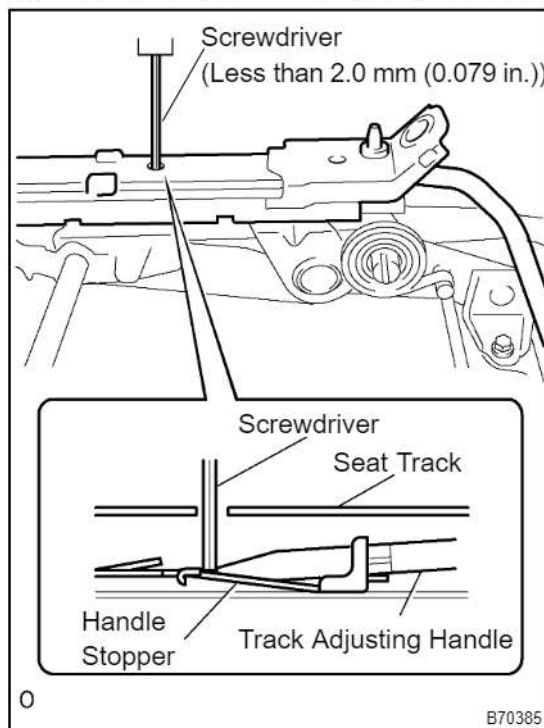
- (a) Using a torx→ socket wrenches (T40), remove the 3 torx→ bolts.
 (b) Using a torx→ socket wrenches (T55), remove the 2 torx→ bolts and seatback frame.

34. REMOVE FOLD SEAT CUSHION FRAME NO.1

- (a) Remove the 2 nuts and cushion frame.

35. REMOVE FOLD SEAT CUSHION FRAME NO.2

- (a) Remove the 2 nuts and cushion frame.

**36. REMOVE REAR SEAT TRACK ADJUSTING HANDLE**

- (a) Using a screwdriver, push down the handle stopper to disengage the claw with the slide rail in the frontmost position. Remove the track adjusting handle.

37. INSTALL FOLD SEAT CUSHION FRAME NO.1

- (a) Install the cushion frame with the 2 nuts.

Torque: 42 N·m (428 kgf·cm, 31 ft·lbf)

38. INSTALL FOLD SEAT CUSHION FRAME NO.2

- (a) Install the cushion frame with the 2 nuts.

Torque: 42 N·m (428 kgf·cm, 31 ft·lbf)

39. INSTALL REAR SEATBACK FRAME SUB-ASSY LOWER RH**(a) Outer side:**

Using a torx→ socket wrench (T40), install the seatback frame lower to the fold seat cushion frame with the 3 torx→ bolts.

Torque: 42 N·m (428 kgf·cm, 31 ft·lbf)

(b) Inner side:

Using a torx→ socket wrench (T55), install the seatback frame lower to the fold seat cushion frame with the 2 torx→ bolts.

Torque: 120 N·m (1224 kgf·cm, 89 ft·lbf)

40. INSTALL SEAT TRACK STOP PLATE RH**(a) Install the seat track stop plate with the 2 nuts.**

Torque: 18 N·m (184 kgf·cm, 13 ft·lbf)

41. INSTALL RECLINING CONTROL LINK SUB-ASSY RH**(a) Install the control link with the bolt and 4 nuts.**

Torque:

21 N·m (214 kgf·cm, 15 ft·lbf) for bolt

42 N·m (428 kgf·cm, 31 ft·lbf) for nut

42. INSTALL REAR SEATBACK FRAME ASSY RH**(a) Install the seatback frame with the 4 bolts.**

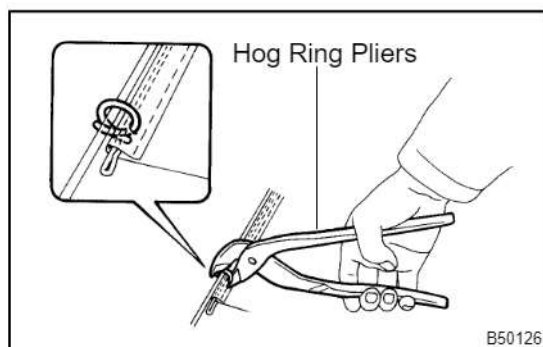
Torque:

42 N·m (428 kgf·cm, 31 ft·lbf) for outside

55 N·m (561 kgf·cm, 41 ft·lbf) for inside

43. INSTALL REAR SEAT BELT ASSY INNER (See page 61-15)**44. INSTALL REAR SEAT BELT ASSY OUTER CENTER (See page 61-15)****45. INSTALL FOLD SEAT STOPPER BAND ASSY NO.1****(a) Install the stopper band with the bolt.**

Torque: 9.0 N·m (92 kgf·cm, 80 in·lbf)

**46. INSTALL SEPARATE TYPE REAR SEATBACK COVER****(a) Using hog ring pliers, install the seatback cover to the seatback pad with new hog rings.****(b) Install the seatback cover to the seatback frame.****NOTICE:**

- **Be careful not to damage the cover.**
 - **When installing the hog rings, take care to prevent wrinkles as much as possible.**
- (c) Install the 2 headrest supports.**

47. INSTALL SEPARATE TYPE REAR SEAT CUSHION COVER**(a) 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 prevent wrinkles as much as possible.**
- (b) Install the seat cushion cover to the seat cushion frame.**

48. INSTALL REAR SEAT CUSHION ASSY RH

- (a) Using a torx→ socket wrench (T45), install the seat cushion with the 2 torx→ bolts.
Torque: 21 N·m (214 kgf·cm, 15 ft·lbf) for hinge side

- (b) Install the seat cushion assy with the 2 bolts.
Torque: 18 N·m (184 kgf·cm, 13 ft·lbf) for cushion side

49. INSTALL REAR SEAT ARMREST ASSY CENTER

- (a) Using a torx→ socket wrench (T45), install the armrest assy with the 2 torx→ bolts.
Torque: 21 N·m (214 kgf·cm, 15 ft·lbf)

50. INSTALL REAR SEATBACK MOULDING LH

- (a) Install the moulding with the 3 screws.
 (b) Using a torx→ socket wrench (T40), install the center back hinge with the torx→ bolt.
Torque: 21 N·m (214 kgf·cm, 15 ft·lbf)
 (c) Using a torx→ socket wrench (T40), install the rear seat cushion spring No. 2 with the torx→ bolt.
Torque: 21 N·m (214 kgf·cm, 15 ft·lbf)

51. INSTALL REAR SEATBACK MOULDING RH

- (a) Install the moulding with the 3 screws.
 (b) Using a torx→ socket wrench (T40), install the center back hinge with the torx→ bolt.
Torque: 21 N·m (214 kgf·cm, 15 ft·lbf)

52. INSTALL REAR SEATBACK ASSY CENTER

- (a) Install the screw.
 (b) Using a torx→ socket wrench (T45), install the seatback assy center with the torx→ bolt.
Torque: 21 N·m (214 kgf·cm, 15 ft·lbf)
 (c) Install the seatback assy with the 3 bolts.
Torque: 21 N·m (214 kgf·cm, 15 ft·lbf)

53. INSTALL REAR NO.1 SEAT ASSY RH

- (a) Place the seat in the cabin.
 (b) Install the seat with the 5 bolts.
Torque: 36.7 N·m (375 kgf·cm, ft·lbf)
 (c) Install the bolt onto the fold seat stopper band on the vehicle side.
Torque: 9.0 N·m (92 kgf·cm, 80 in·lbf)
 (d) Install the 2 headrests.
 (e) When sliding the seat, check that both sides of the adjuster lock simultaneously.

HINT:

Check that the seat adjuster locks.

OVERHAUL

HINT:

- The installation procedures are the removal procedures in reverse order. However, only installation procedures requiring additional information are included.
 - A bolt without a torque specification is shown in the standard bolt chart (see page 03-2).
1. **REMOVE TONNEAU COVER ASSY (W/ TONNEAU COVER) (See page 76-21)**
 2. **REMOVE DECK BOARD SUB-ASSY NO.2 (See page 76-21)**
 3. **REMOVE DECK BOARD SUB-ASSY NO.3 (See page 76-21)**
 4. **REMOVE DECK BOARD SUB-ASSY (See page 76-21)**
 5. **REMOVE DECK FLOOR BOX REAR (See page 76-21)**
 6. **REMOVE DECK SIDE TRIM BOX LH (See page 76-21)**
 7. **REMOVE DECK SIDE TRIM BOX RH (See page 76-21)**
 8. **REMOVE DECK BOARD BRACKET REINFORCEMENT (See page 76-21)**
 9. **REMOVE RECLINING PEDAL COVER LH**
 - (a) Remove the screw and reclining pedal cover LH.
 10. **REMOVE RECLINING PEDAL COVER RH**

HINT:

Use the same procedures described for the LH side.

11. **REMOVE REAR SEAT RECLINING COVER NO.2 LH**
 - (a) Remove the 2 screws and rear seat reclining cover No. 2 LH.
12. **REMOVE REAR SEAT RECLINING COVER NO.2 RH**

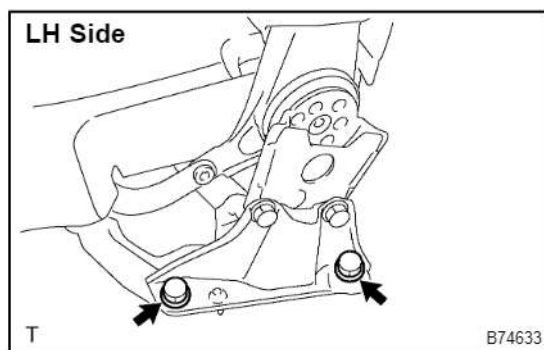
HINT:

Use the same procedures described for the LH side.

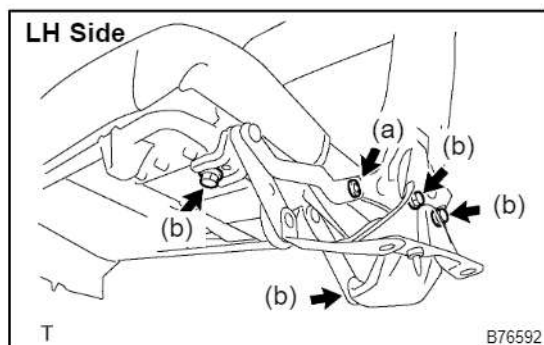
13. **REMOVE REAR SEAT RECLINING COVER INNER LH**
 - (a) Remove the screw and rear seat reclining cover inner LH.
14. **REMOVE REAR SEAT RECLINING COVER INNER RH**

HINT:

Use the same procedures described for the LH side.



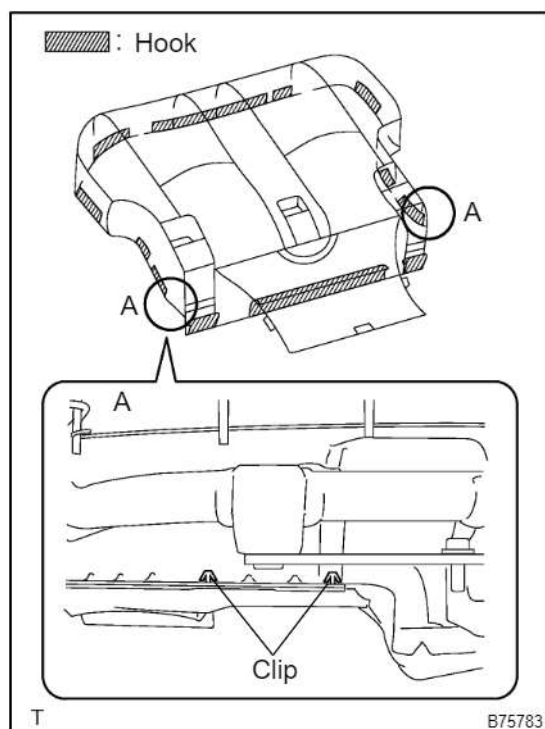
15. **REMOVE REAR NO.2 SEAT ASSY**
 - (a) Remove the 4 bolts and rear No. 2 seat.



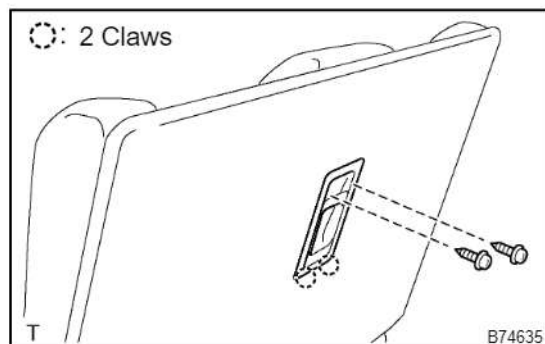
16. **REMOVE REAR NO.2 SEAT LEG LH**
 - (a) Using a torx→ socket wrench (T45), remove the sub seat bolt.
 - (b) Remove the 4 bolts and rear No. 2 seat leg LH.
17. **REMOVE REAR NO.2 SEAT LEG RH**

HINT:

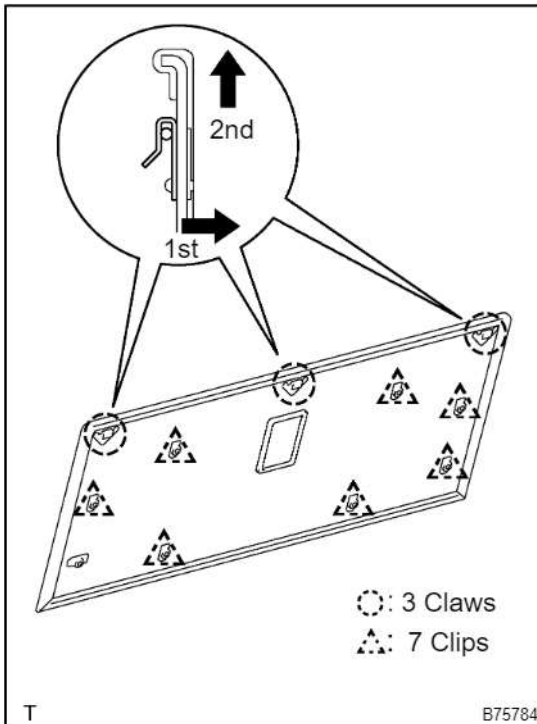
Use the same procedures described for the LH side.

**18. REMOVE NO.2 SEAT CUSHION COVER SUB-ASSY**

- (a) Remove the 4 clips and hook.
- (b) Remove the hog rings and seat cushion cover together with the pad from the seat cushion frame.
- (c) Remove the hog rings and seat cushion cover from the seat cushion pad.

19. REMOVE REAR SEAT HEADREST ASSY**20. REMOVE HANDLE 3RD SEAT**

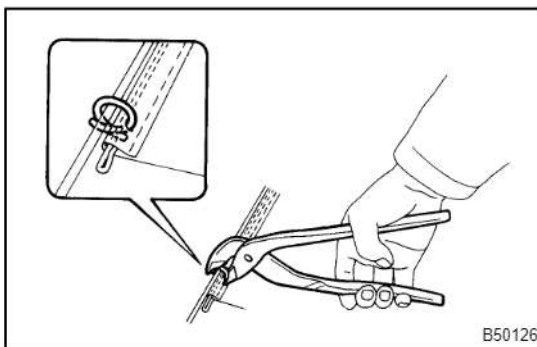
- (a) Remove the 2 screws.
- (b) Disengage the 2 claws.
- (c) Disconnect the rear No. 1 seat cable and remove the handle 3rd seat.

**21. REMOVE NO.2 SEATBACK BOARD ASSY**

- (a) Remove the 7 clips.
- (b) Disengage the 3 claws and remove the seatback board.

22. REMOVE NO.2 SEATBACK COVER ASSY

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

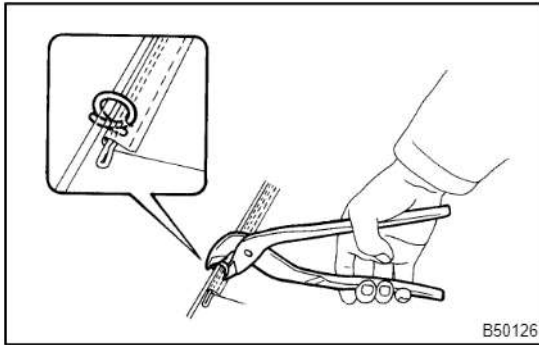
23. REMOVE REAR SIDE SEAT BAND SUB-ASSY NO.2**24. REMOVE REAR SEAT COVER BEZEL NO.1****25. REMOVE REAR NO.1 SEAT LOCK CABLE ASSY****26. INSTALL REAR NO.1 SEAT LOCK CABLE ASSY****27. INSTALL REAR SEAT COVER BEZEL NO.1****28. INSTALL REAR SIDE SEAT BAND SUB-ASSY NO.2****29. INSTALL NO.2 SEATBACK COVER ASSY**

- (a) Install the seatback cover to the seatback pad with new hog rings.
- (b) Install the seatback cover with the pad to the seatback frame with new hog rings.

HINT:

When installing hog rings, take care to prevent wrinkles as little as possible.

30. INSTALL NO.2 SEATBACK BOARD ASSY**31. INSTALL HANDLE 3RD SEAT****32. INSTALL REAR SEAT HEADREST ASSY**

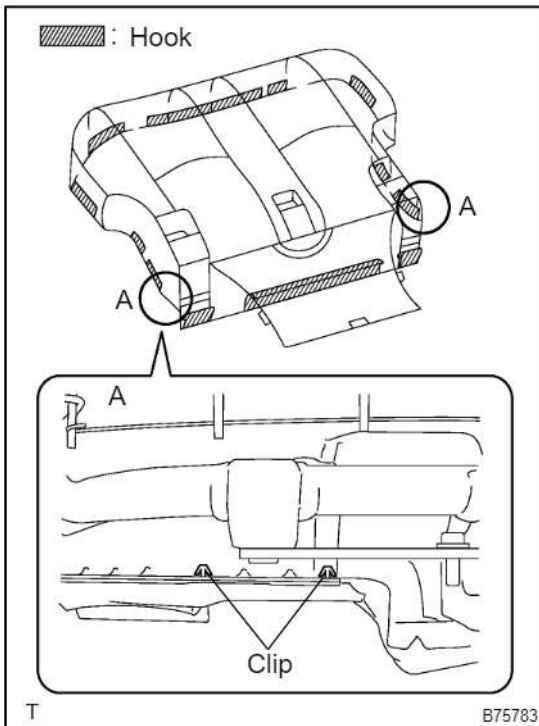


33. INSTALL NO.2 SEAT CUSHION COVER SUB-ASSY

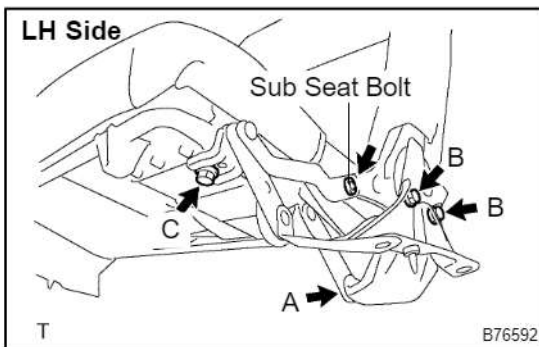
- (a) Install the seat cushion cover to the seat cushion pad with new hog rings.
- (b) Install the seat cushion cover with the pad to the seat cushion frame with new hog rings.

HINT:

When installing the hog rings, take care to prevent wrinkles as much as possible.



- (c) Install the 4 clips and hook.



34. INSTALL REAR NO.2 SEAT LEG LH

- (a) Install the rear No. 2 seat leg LH with the sub seat bolt and 4 bolts.

Torque:

21 N·m (214 kgf·cm, 15 ft·lbf) for bolt A

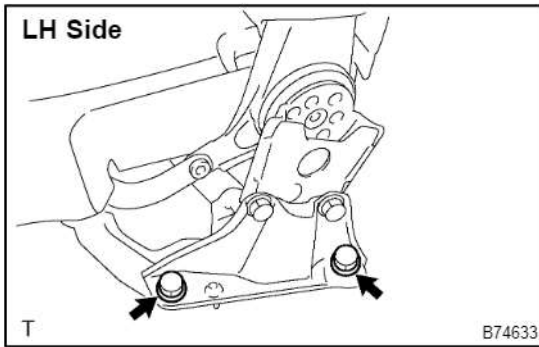
42 N·m (428 kgf·cm, 31 ft·lbf) for bolt B

18 N·m (184 kgf·cm, 13 ft·lbf) for bolt C

35. INSTALL REAR NO.2 SEAT LEG RH

HINT:

Use the same procedures described for the LH side.

**36. INSTALL REAR NO.2 SEAT ASSY**

- (a) Install the rear No. 2 seat with the 4 bolts.
Torque: 37 N·m (377 kgf·cm, 27 ft·lbf)

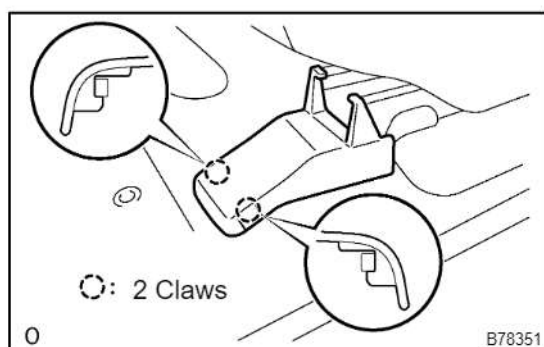
OVERHAUL

CAUTION:

- Wear safety gloves, because the cutting surface of the seatback frame and seat adjuster may injure your hand.
- Work must be 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 disconnecting the 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.
- The procedures listed below are for the LH side.
- When removing/installing and overhauling the passenger seat, check the passenger occupant classification system and perform the zero point calibration (see page 05-1203).
- A bolt without a torque specification is shown in the standard bolt chart (see page 03-2).

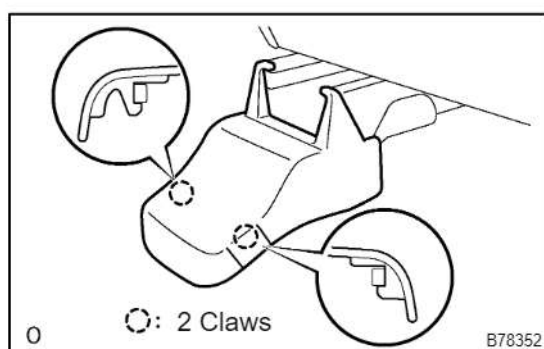


1. REMOVE SEAT TRACK BRACKET COVER OUTER FRONT LH

- Using a screwdriver, disengage 2 claws and remove the bracket cover.

HINT:

Tape the screwdriver tip before use.

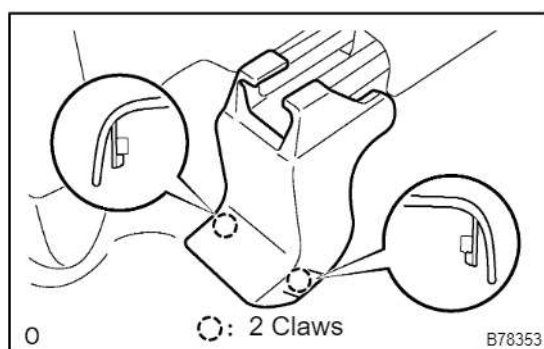


2. REMOVE SEAT TRACK BRACKET COVER INNER FRONT LH

- Using a screwdriver, disengage the 2 claws and remove the bracket cover.

HINT:

Tape the screwdriver tip before use.



3. REMOVE SEAT TRACK BRACKET COVER OUTER LH

- Using a screwdriver, disengage the 2 claws and remove the bracket cover.

HINT:

Tape the screwdriver tip before use.

4. REMOVE SEAT TRACK BRACKET COVER INNER LH

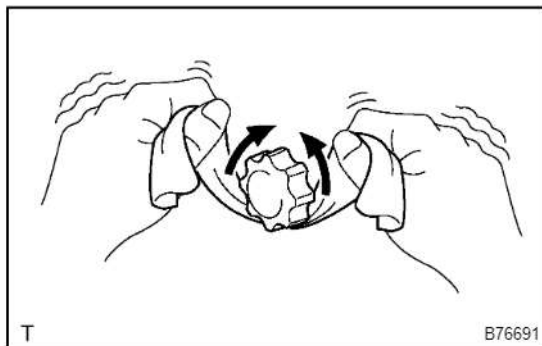
HINT:

Use the same procedures described for the bracket cover outer LH.

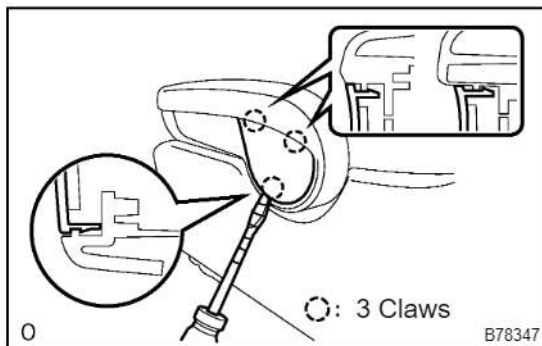
Tape the screwdriver tip before use.

5. REMOVE FRONT SEAT ASSY LH

- (a) Remove the headrest.
- (b) Disconnect the connectors under the seat.
- (c) Remove the 4 bolts and seat.

NOTICE:**Be careful not to damage the body.****6. Passenger's seat only:****REMOVE OCCUPANT CLASSIFICATION ECU (See page 60-64)****7. Driver's seat only:****REMOVE VERTICAL SEAT ADJUSTER KNOB LH**

- (a) Using a cloth, remove the snap rings and vertical seat adjuster knob.

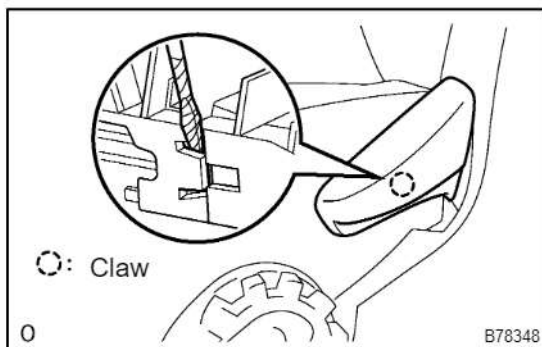
**8. Driver's seat only:****REMOVE VERTICAL ADJUSTING HANDLE NO.2**

- (a) Using a screwdriver, disengage the 3 claws and remove the vertical adjuster handle cover LH.

HINT:

Tape the screwdriver tip before use.

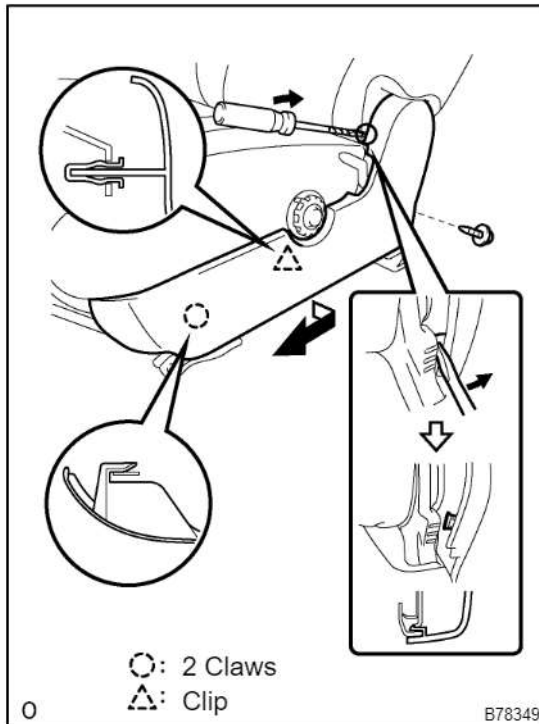
- (b) Remove the 2 screws and vertical adjusting handle.

**9. REMOVE RECLINING ADJUSTER RELEASE HANDLE LH**

- (a) Using a screwdriver, pry out the reclining adjuster release handle.

HINT:

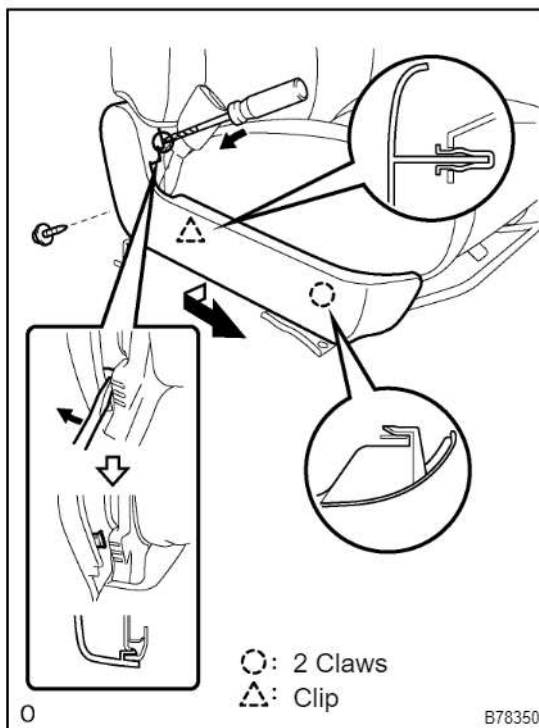
Tape the screwdriver tip before use.

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

- Remove the 2 rubber bands from the back of the seatback board cover.
- Remove the screw.
- Using a screwdriver, disengage the 2 claws and clip, and remove the cushion shield.

HINT:

Tape the screwdriver tip before use.

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

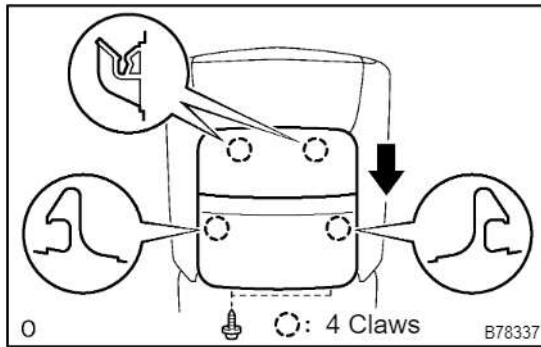
- Remove the screw.
- Using a screwdriver, disengage the 2 claws and clip, and remove the cushion shield.

HINT:

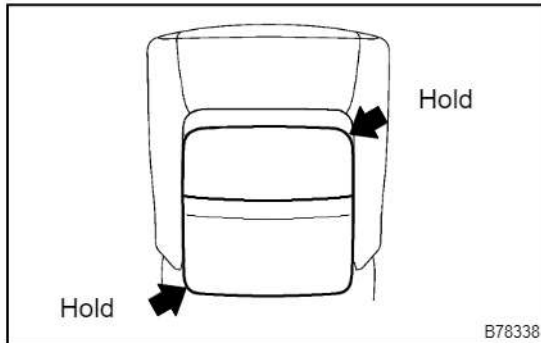
Tape the screwdriver tip before use.

12. REMOVE FRONT SEAT INNER BELT ASSY LH (See page 61-4)**13. REMOVE SEPARATE TYPE FRONT SEAT CUSHION COVER**

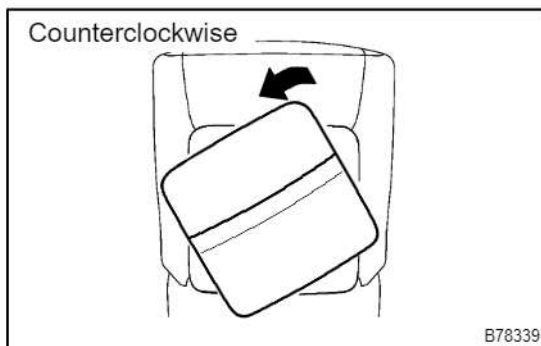
- Remove the 2 clips on the cushion cover side.
- w/ Seat heater:
Disconnect the seat heater connectors.
- Disengage the hook and remove the hog rings and seat cushion cover together with the pad.
- Remove the hog rings and cushion cover.

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

- (a) Remove the 2 screws.
- (b) Lower the seatback board in the direction indicated by the arrow in the illustration to disengage the 4 claws on the upper part.



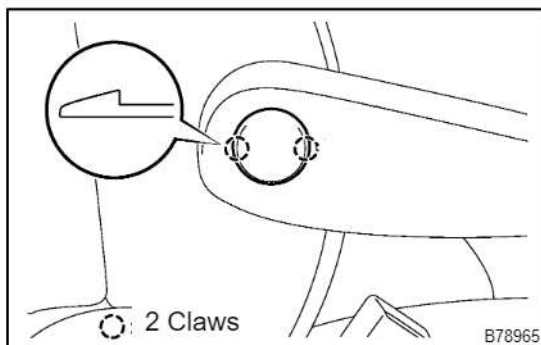
- (c) Hold the seatback board on the upper right and lower left as shown in the illustration.



- (d) Turn the seatback board counterclockwise to disengage the claws and remove it.

15. REMOVE FRONT SEATBACK BOARD COVER SUB-ASSY

- (a) Disengage the hook on the upper part of the seatback board cover.
- (b) Remove the hog rings and seatback board cover.

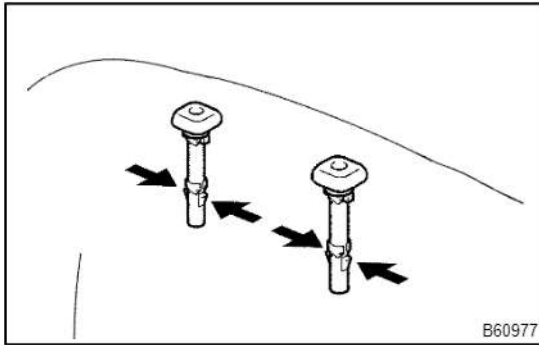
**16. REMOVE SEAT ARMREST ASSY LH**

- (a) Using a screwdriver, disengage the 2 claws and remove the armrest cover.

HINT:

Tape the screwdriver tip before use.

- (b) Remove the bolt and armrest.



17. REMOVE SEPARATE TYPE FRONT SEATBACK COVER

- (a) Remove the 2 headrest supports.
- (b) Remove the hog rings and seatback cover together with the pad.
- (c) w/ Side airbag:
Remove the nut and seatback cover bracket.
- (d) Remove the hog rings and seatback cover.

18. REMOVE RECLINING ADJUSTER INSIDE COVER LH (UPPER SIDE)

- (a) Remove the screw and cushion shield.

19. REMOVE RECLINING ADJUSTER INSIDE COVER RH (UPPER SIDE)

- (a) Remove the screw and cushion shield.

20. REMOVE RECLINING ADJUSTER INSIDE COVER LH (LOWER SIDE)

- (a) Remove the screw and cushion shield.

21. REMOVE RECLINING ADJUSTER INSIDE COVER RH (LOWER SIDE)

- (a) Remove the screw and cushion shield.

22. REMOVE FRONT SEAT CUSHION SHIELD LOWER LH

- (a) Disengage the claw and remove the cushion shield.

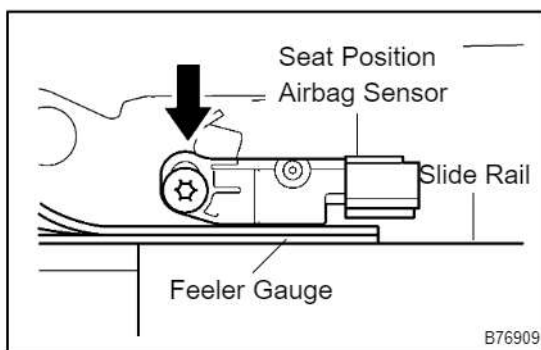
23. REMOVE FRONT SEAT CUSHION SHIELD LOWER RH

- (a) Disengage the claw and remove the cushion shield.

24. Driver's seat only:

REMOVE SEAT POSITION AIRBAG SENSOR

- (a) Disconnect the wire harness connector.
- (b) Disengage the claw and remove the seat slide position protector.
- (c) Using a torx→ socket wrench (T30), remove the torx→ bolt and airbag sensor.



25. INSTALL SEAT POSITION AIRBAG SENSOR

- (a) Temporarily install the seat position airbag sensor.
- (b) Install a 1 mm (0.04 in.) feeler gauge between the slide rail and sensor as shown in the illustration.

NOTICE:

- If the seat position airbag sensor has been dropped, or there are any cracks, dents or other defects in the case, bracket or connector, replace the seat position airbag sensor with a new one.
- When installing the seat position airbag sensor, be careful that the SRS wiring does not interfere with other parts and is not pinched between other parts.

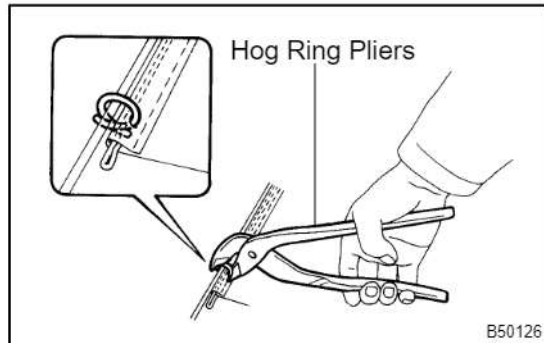
HINT:

Be sure to that a clearance between the seat position airbag sensor and the seat rail is within 0.6 mm (0.023 in.) to 2 mm (0.079 in.).

- (c) Push the top of the sensor. While holding the sensor, tighten the sensor using a torx→ socket wrench (T30).

Torque: 8.0 N·m (82 kgf·cm, 71 in.·lbf)

- (d) Install the seat slide position protector.

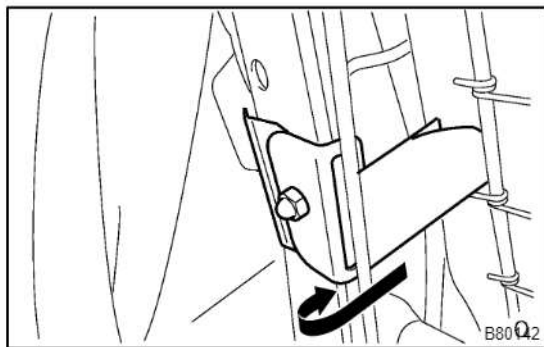


26. INSTALL SEPARATE TYPE FRONT SEATBACK COVER

- Install the seatback pad.
- Cover the top of the seatback pad with the seatback cover.
- 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 prevent wrinkles as much as possible.
- (d) Install the 2 headrest supports.



- (e) w/ Side airbag:
Fully cover the airbag with the seatback cover bracket and tighten the nut.

Torque: 5.6 N·m (57 kgf·cm, 49 in·lbf)

NOTICE:

- For a vehicle with side airbag, the side airbag may not be activated normally unless the seatback cover is securely installed.
- Check that the strap has no twist after installing the bracket.
- Install the bracket securely.

27. INSTALL SEAT ARMREST ASSY LH

- Install the armrest with the bolt.
Torque: 37 N·m (377 kgf·cm, 27 ft·lbf)

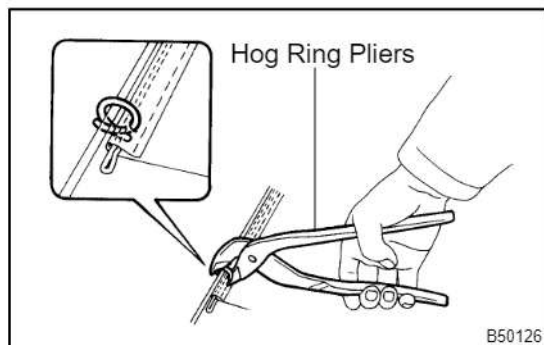
- Install the armrest cover.

28. INSTALL SEPARATE TYPE FRONT SEAT CUSHION COVER

- Install the seat cushion.
- 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 prevent wrinkles as much as possible.
- w/ Seat heater:
Connect the seat heater connectors.
 - Install the clip.



29. INSTALL FRONT SEAT INNER BELT ASSY LH (See page 61-4)

30. INSTALL FRONT SEAT ASSY LH

- (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: 36.7 N·m (375 kgf·cm, 27 ft·lbf)

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

Torque: 36.7 N·m (375 kgf·cm, 27 ft·lbf)

- (e) Install the 4 seat track covers.
- (f) Install the headrest.
- (g) Connect the battery's negative terminal.

31. w/ Seat heater:**CHECK SEAT HEATER OPERATION****32. Passenger's seat only:****CHECK FUNCTION OF FRONT PASSENGER OCCUPANT CLASSIFICATION SYSTEM****HINT:**

Perform the zero point calibration and sensitivity check when any of the following conditions is met.

- The occupant classification ECU is replaced.
 - Accessories (seatback tray and seat cover, etc.) are installed.
 - The passenger seat is removed from the vehicle.
 - Both the SRS warning lamp and the passenger airbag ON/OFF indicator lamp ("OFF") turn on.
 - The vehicle is brought to the workshop for repair due to an accident or a collision.
- (a) Zero point calibration procedure:
- (1) Adjust the seat position according to the table below.

Adjustment Component	Position
Slide Direction	Rearmost position
Reclining Angle	Upright position
Headrest Height	Lowest position

- (2) Connect the hand-held tester to the DLC3.
- (3) Turn the ignition switch ON.
- (4) Perform the zero point calibration by following the prompts on the tester screen.

HINT:

Refer to the hand-held tester operator's manual for further details.

- (b) Sensitivity check procedure:

- (1) Connect the hand-held tester to the DLC3.
- (2) Apply a 30 kg weight (for example, a 30 kg of lead mass) onto the passenger seat.
- (3) Turn the ignition switch ON.
- (4) Using the hand-held tester, perform the sensitivity check and confirm that the sensitivity is within the standard value.

Standard value: 27 to 33 kg

HINT:

- When performing the sensitivity check, use a solid weight made from metal. The check results may not be accurate if a weight made from liquid is used.
- When the sensitivity deviates from the standard value, retighten the bolts of the passenger seat, taking care not to deform the seat rail. Perform the sensitivity check again. If the sensitivity still is not within the standard value, replace the front seat assembly RH.

NOTICE:

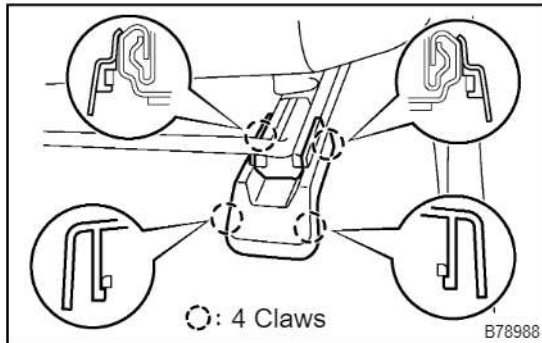
Do not place any objects on the seat. Perform the initialization by attaching a mass more than 2 kgs in the seatback pocket, seatback table installed by the user, or other appropriate location.

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

OVERHAUL

HINT:

- The installation procedures are the removal procedures in reverse order. However, only installation procedures requiring additional information are included.
- A bolt without a torque specification is shown in the standard bolt chart (see page 03-2).



1. REMOVE REAR SEAT TRACK BRACKET COVER OUTER

- Using a screwdriver, disengage the 4 claws and remove the bracket cover.

HINT:

Tape the screwdriver tip before use.

2. REMOVE REAR SEAT TRACK BRACKET COVER INNER

HINT:

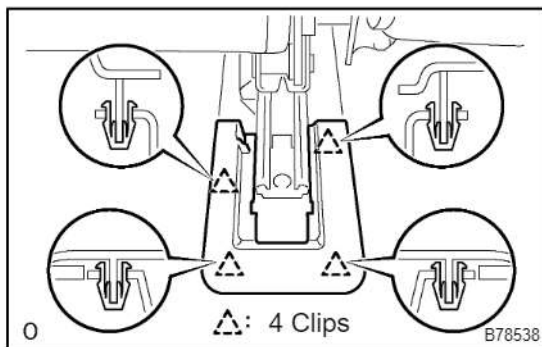
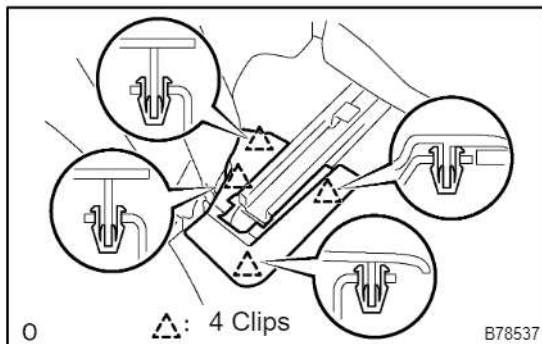
Use the same procedures described for the bracket cover outer.

3. REMOVE REAR SEAT TRACK BRACKET COVER OUTER LH

- Using a screwdriver, disengage the 4 clips and remove the cover.

HINT:

Tape the screwdriver tip before use.



4. REMOVE REAR SEAT TRACK BRACKET COVER INNER LH

- Using a screwdriver, disengage the 4 clips and remove the cover.

HINT:

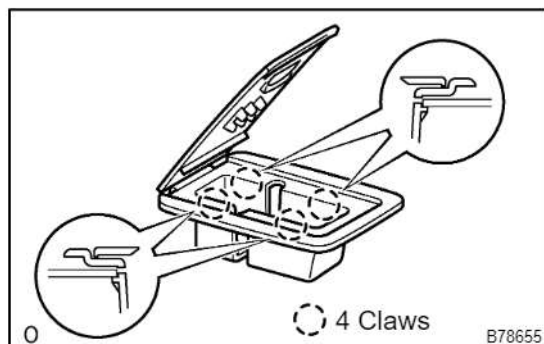
Tape the screwdriver tip before use.

5. REMOVE REAR NO.1 SEAT ASSY LH

- Remove the 2 headrests.
- Remove the 5 bolts and seat.

6. REMOVE TONNEAU COVER HOOK HOLDER

- Remove the 2 screws and 2 holders.

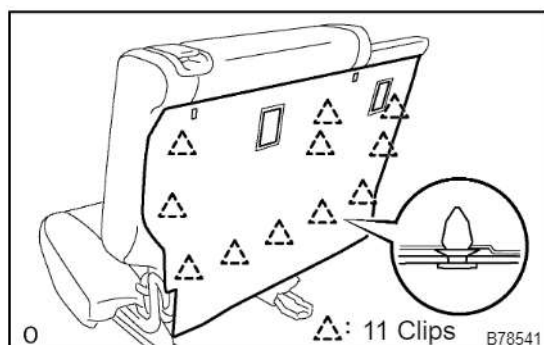


7. REMOVE REAR SEATBACK COVER LH

- (a) Using a screwdriver, disengage the 4 claws and remove the seatback cover.

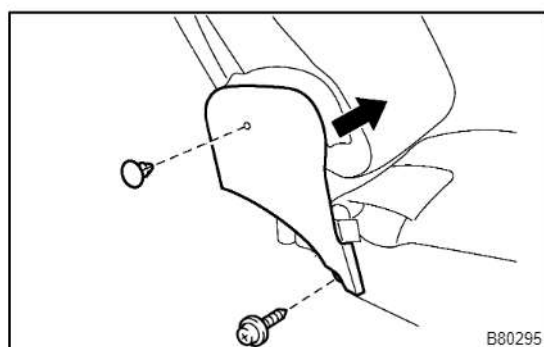
HINT:

Tape the screwdriver tip before use.



8. REMOVE REAR SEATBACK BOARD CARPET ASSY LH

- (a) Using a clip remover, disengage the 11 clips and remove seatback board carpet.



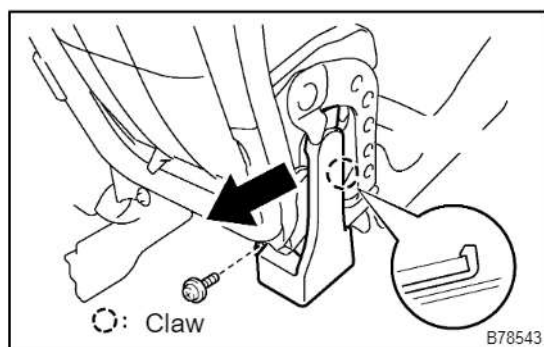
9. REMOVE RECLINING COVER PROTECTOR RH

- (a) Using a clip remover, remove the clip.

HINT:

Tape the clip remover tip before use.

- (b) Remove the screw and reclining cover protector by pulling out the protector in the direction indicated by the arrow in the illustration.

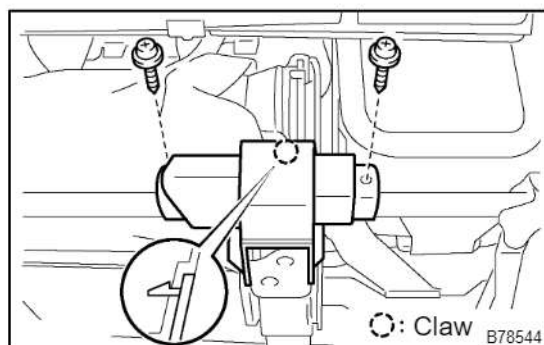


10. REMOVE CENTER SEAT HINGE COVER UPPER RH

- (a) Remove the screw.
- (b) Using a screwdriver, disengage the claw and remove the hinge cover by pulling it out in the direction indicated by the arrow in the illustration.

HINT:

Tape the screwdriver tip before use.

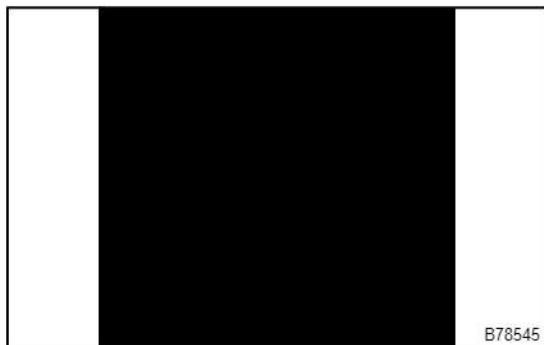


11. REMOVE SEAT TRACK UPPER RAIL COVER LH

- (a) Remove the 2 screws.
- (b) Using a screwdriver, disengage the claw and remove the cover.

HINT:

Tape the screwdriver tip before use.



B78545

12. REMOVE REAR SEATBACK ASSY CENTER

- (a) Remove the screw.
- (b) Using a torx→ socket wrench (T45), remove the torx→ bolt.
- (c) Remove the 3 bolts and seatback.

13. REMOVE RECLINING COVER PROTECTOR LH

- (a) Using a clip remover, remove the clip.

HINT:

Tape the clip remover tip before use.

- (b) Remove the screw and reclining cover protector.

14. REMOVE REAR SEATBACK MOULDING LH

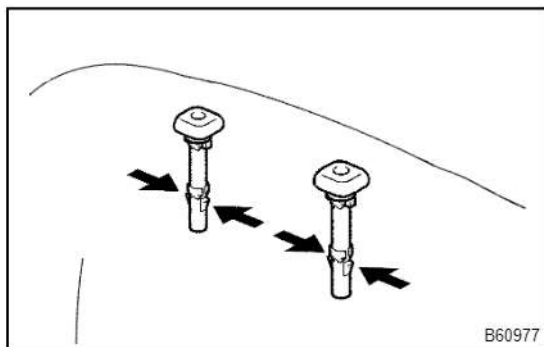
- (a) Using a torx→ socket wrench (T40), remove the torx→ bolt and center back hinge.
- (b) Remove the 3 screws and moulding.

15. REMOVE REAR SEATBACK MOULDING RH

- (a) Using a torx→ socket wrench (T40), remove the torx→ bolt and center back hinge.
- (b) Using a torx→ socket wrench (T40), remove the torx→ bolt and rear seat cushion spring No. 2.
- (c) Remove the 3 screws and moulding.

16. REMOVE REAR SEAT ARMREST ASSY CENTER

- (a) Using a torx→ socket wrench (T45), remove the 2 torx→ bolts and armrest.



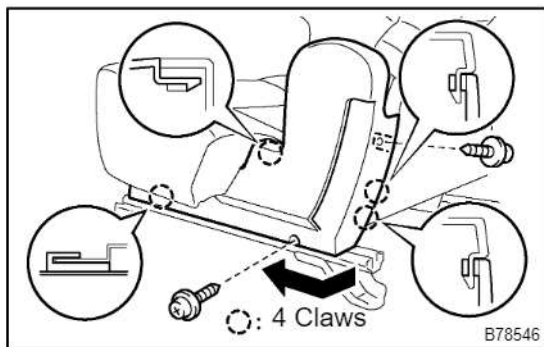
B60977

17. REMOVE NO.1 SEATBACK COVER

- (a) Remove the 2 headrest supports.
- (b) Disengage the claws and remove the seatback cover.

18. REMOVE NO.2 CENTER SEATBACK COVER

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



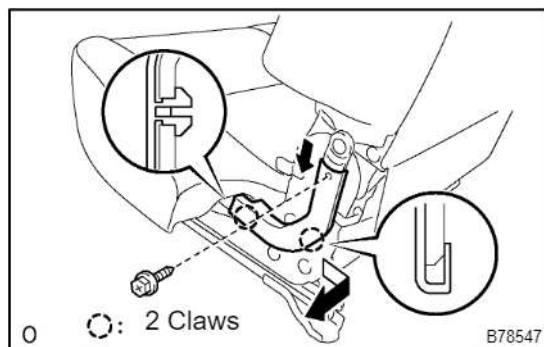
B78546

19. REMOVE REAR SEAT CUSHION MOULDING LH

- (a) Remove the 2 screws.
- (b) Using a screwdriver, disengage the 4 claws and remove the moulding by pulling out the moulding in the direction indicated by the arrow in the illustration.

HINT:

Tape the screwdriver tip before use.

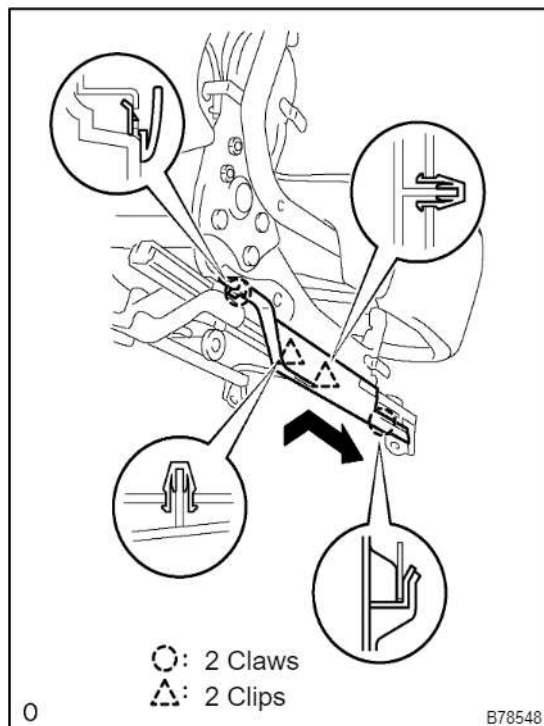


20. REMOVE VERTICAL ADJUSTER BRACKET COVER OUTER

- Remove the screw.
- Using a screwdriver, disengage the 2 claws and remove the bracket cover by pulling it out in the direction indicated by the arrow in the illustration.

HINT:

Tape the screwdriver tip before use.

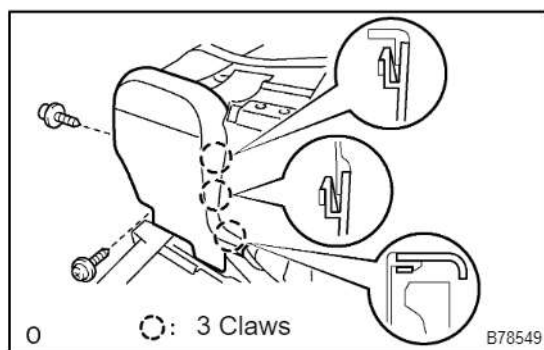


21. REMOVE RECLINING HINGE COVER LH

- Using a screwdriver, disengage the 2 claws and 2 clips and remove the hinge cover by pulling it out in the direction indicated by the arrow in the illustration.

HINT:

Tape the screwdriver tip before use.



22. REMOVE REAR SEAT CUSHION MOULDING REAR LH

- Remove the 2 screws.
- Using a screwdriver, disengage the 3 claws and remove the moulding.

HINT:

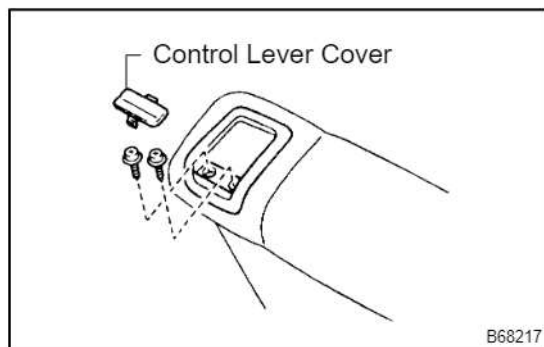
Tape the screwdriver tip before use.

23. REMOVE REAR SEAT CUSHION ASSY LH

- Using a torx→ socket wrench (T45), remove the 2 torx→ bolts.
- Remove the 2 bolts and seat cushion.

24. REMOVE SEPARATE TYPE REAR SEAT CUSHION COVER

- Disengage the hook and remove the cushion cover together with the pad from the cushion frame.
- Remove the hog rings and cushion cover.



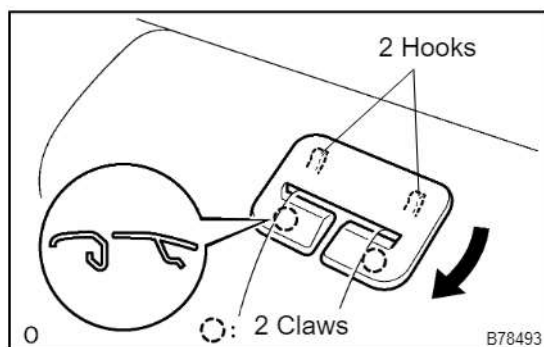
25. REMOVE REAR SEAT LOCK CONTROL LEVER SUB-ASSY LH

- (a) Using a screwdriver, disengage the 2 claws and remove the control lever cover.

HINT:

Tape the screwdriver tip before use.

- (b) Remove the 2 screws.
(c) Disconnect the reclining control cable and remove the control lever.



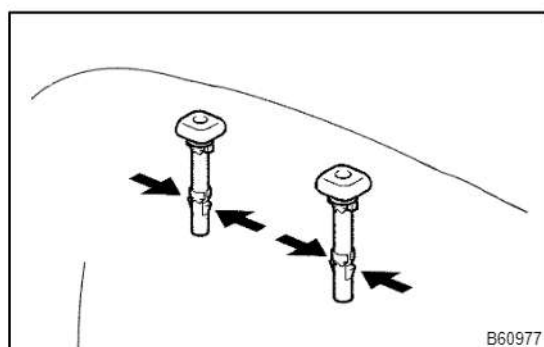
26. REMOVE REAR SEATBACK LOCK BEZEL UPPER

- (a) Using a screwdriver, disengage the 2 claws and 2 hooks.

HINT:

Tape the screwdriver tip before use.

- (b) Remove the shoulder belt cover by pulling it out in the direction indicated by the arrow in the illustration.



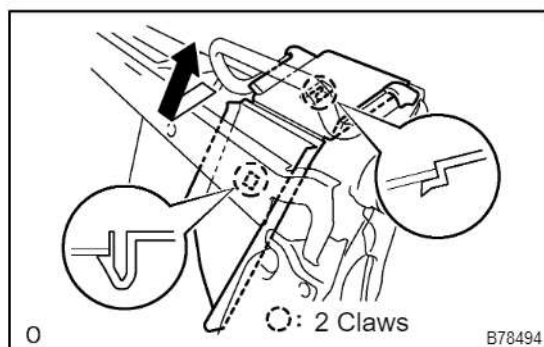
27. REMOVE SEPARATE TYPE REAR SEATBACK COVER

- (a) Remove the 2 headrest supports.
(b) Using a clip remover, remove the 2 clips.
(c) Disengage the hook and remove the seatback cover together with the pad from the seatback frame.
(d) Remove the hog rings and seatback cover.

28. REMOVE REAR SEAT BELT ASSY OUTER CENTER (See page 61-15)

29. REMOVE REAR SEATBACK FRAME ASSY LH

- (a) Using a torx→ socket wrench (T45), remove the 2 torx→ bolts.
(b) Remove the 2 bolts and seatback frame.

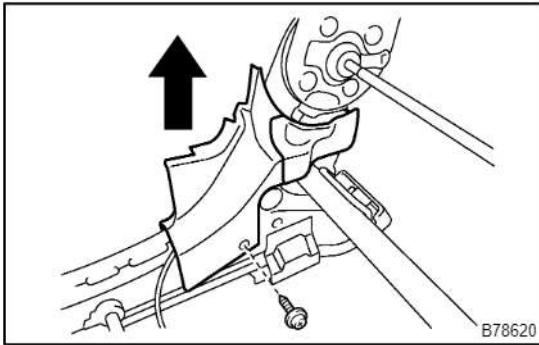


30. REMOVE REAR SEAT SHOULDER BELT COVER

- (a) Disengage the 2 claws and remove the belt cover by pulling it out in the direction indicated by the arrow in the illustration.

31. DISCONNECT REAR SEAT RECLINING CONTROL NO. 2 CABLE

32. REMOVE REAR SEAT BELT ASSY INNER (See page 61-15)

**33. REMOVE REAR SEAT RECLINING COVER INNER LH**

- (a) Remove the screw.
- (b) Remove the reclining cover in the direction indicated by the arrow in the illustration.

34. REMOVE RECLINING ADJUSTER INSIDE COVER LH

- (a) Remove the screw and inside cover.

35. REMOVE SEAT TRACK STOP PLATE LH

- (a) Remove the 2 nuts and stop plate.

36. REMOVE RECLINING CONTROL LINK SUB-ASSY LH

- (a) Remove the bolt, 4 nuts and reclining control link.

37. REMOVE REAR SEATBACK FRAME SUB-ASSY LOWER LH

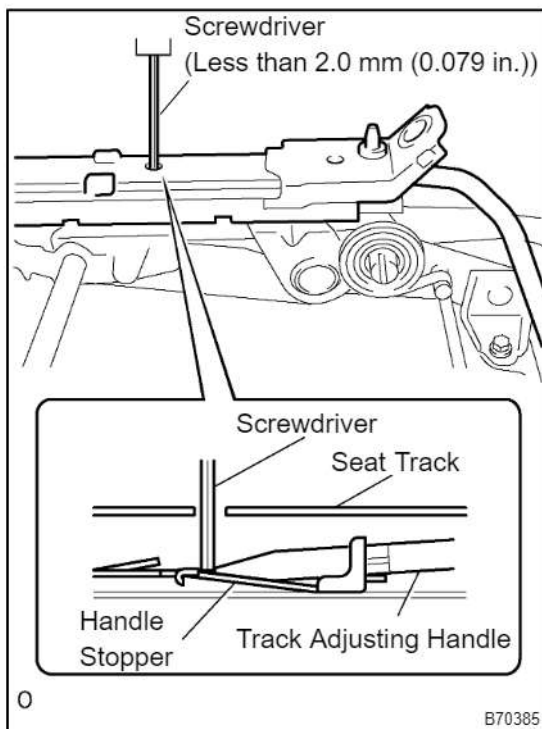
- (a) Using a torx→ socket wrench (T40), remove the 3 torx→ bolts.
- (b) Using a torx→ socket wrench (T55), remove the 2 torx→ bolts and seatback frame.

38. REMOVE FOLD SEAT CUSHION FRAME NO.1

- (a) Remove the 2 nuts and cushion frame.

39. REMOVE FOLD SEAT CUSHION FRAME NO.2

- (a) Remove the 2 nuts and cushion frame.

**40. REMOVE REAR SEAT TRACK ADJUSTING HANDLE**

- (a) Using a screwdriver, push down the handle stopper to disengage the claw with the slide rail in the frontmost position. Remove the track adjusting handle.

41. INSTALL FOLD SEAT CUSHION FRAME NO.1

- (a) Install the cushion frame with the 2 nuts.

Torque: 42 N·m (428 kgf·cm, 31 ft·lbf)

42. INSTALL FOLD SEAT CUSHION FRAME NO.2

- (a) Install the cushion frame with the 2 nuts.

Torque: 42 N·m (428 kgf·cm, 31 ft·lbf)

43. INSTALL REAR SEATBACK FRAME SUB-ASSY LOWER LH

- (a) Outer side side:

Using a torx→ socket wrench (T40), install the seatback frame lower to the fold seat cushion frame with the 3 torx→ bolts.

Torque: 42 N·m (428 kgf·cm, 31 ft·lbf)

- (b) Inner side:

Using a torx→ socket wrench (T55), install the seatback frame lower to the fold seat cushion frame with the 2 torx→ bolts.

Torque: 120 N·m (1224 kgf·cm, 89 ft·lbf)

44. INSTALL SEAT TRACK STOP PLATE LH

- (a) Install the seat track stop plate with the 2 nuts.

Torque: 18 N·m (184 kgf·cm, 13 ft·lbf)

45. INSTALL RECLINING CONTROL LINK SUB-ASSY LH

- (a) Install the control link with the bolt and 4 nuts.

Torque:

21 N·m (214 kgf·cm, 15 ft·lbf) for bolt

42 N·m (428 kgf·cm, 31 ft·lbf) for nut

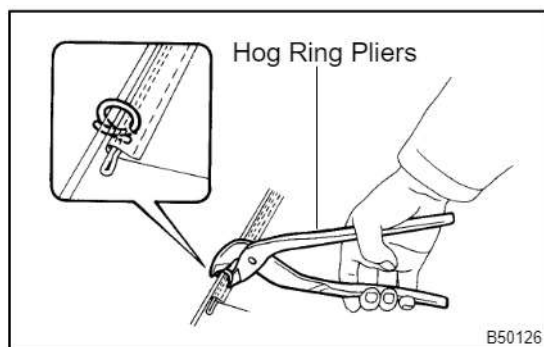
46. INSTALL REAR SEATBACK FRAME ASSY LH

- (a) Install the seatback frame with the 4 bolts.

Torque:

42 N·m (428 kgf·cm, 31 ft·lbf) for outside

55 N·m (561 kgf·cm, 41 ft·lbf) for inside

47. INSTALL REAR SEAT BELT ASSY INNER (See page 61-15)**48. INSTALL REAR SEAT BELT ASSY OUTER CENTER (See page 61-15)****49. INSTALL SEPARATE TYPE REAR SEATBACK COVER**

- (a) Using hog ring pliers, install the seatback cover to the seatback pad with new hog rings.

- (b) Install the seatback cover to the seatback frame.

NOTICE:

- **Be careful not to damage the cover.**
 - **When installing the hog rings, take care to prevent wrinkles as much as possible.**
- (c) Install the 2 headrest supports.

50. INSTALL SEPARATE TYPE REAR SEAT CUSHION COVER

- (a) 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 prevent wrinkles as much as possible.**
- (b) Install the seat cushion cover to the seat cushion frame.

51. INSTALL REAR SEAT CUSHION ASSY LH

- (a) Using a torx→ socket wrench (T45), install the seat cushion with the 2 torx→ bolts.

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

- (b) Install the seat cushion with the 2 bolts.

Torque: 18 N·m (184 kgf·cm, 13 ft·lbf) for cushion side

52. INSTALL REAR SEAT ARMREST ASSY CENTER

- (a) Using a torx→ socket wrench (T45), install the armrest with the 2 torx→ bolts.

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

53. INSTALL REAR SEATBACK MOULDING LH

- (a) Install the moulding with the 3 screws.

- (b) Using a torx→ socket wrench (T40), install the center back hinge with the torx→ bolt.

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

54. INSTALL REAR SEATBACK MOULDING RH

- (a) Install the moulding with the 3 screws.

- (b) Using a torx→ socket wrench (T40), install the center back hinge with the torx→ bolt.

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

- (c) Using a torx→ socket wrench (T40), install the rear seat cushion spring No. 2 with the torx→ bolt.

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

55. INSTALL REAR SEATBACK ASSY CENTER

- (a) Install the screw.

- (b) Using a torx→ socket wrench (T45), install the seatback assy with the torx→ bolt.

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

- (c) Install the seatback assy with the 3 bolts.

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

56. INSTALL REAR NO.1 SEAT ASSY LH

- (a) Place the seat in the cabin.

- (b) Install the seat with the 5 bolts.

Torque: 36.7 N·m (375 kgf·cm, 27 ft·lbf)

- (c) Install the bolt onto the fold seat stopper band on the vehicle side.

Torque: 9.0 N·m (92 kgf·cm, 80 in·lbf)

- (d) Install the 2 headrests.

- (e) When sliding the seat, check that both sides of the adjuster lock simultaneously.

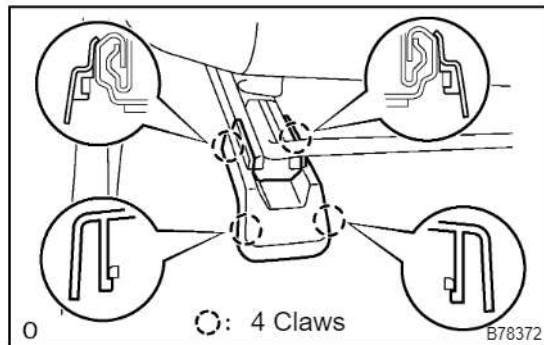
HINT:

Check that the seat adjuster locks.

OVERHAUL

HINT:

- The installation procedures are the removal procedures in reverse order. However, only installation procedures requiring additional information are included.
- A bolt without a torque specification is shown in the standard bolt chart (see page 03-2).



1. REMOVE REAR SEAT TRACK BRACKET COVER OUTER

- Using a screwdriver, disengage the 4 claws and remove the 2 covers.

HINT:

Tape the screwdriver tip before use.

2. REMOVE REAR SEAT TRACK BRACKET COVER INNER

HINT:

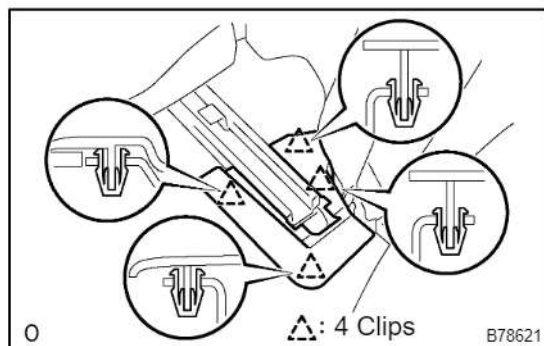
Use the same procedures described for the bracket cover outer.

3. REMOVE REAR SEAT TRACK BRACKET COVER OUTER RH

- Using a screwdriver, disengage the 4 clips and remove the cover.

HINT:

Tape the screwdriver tip before use.

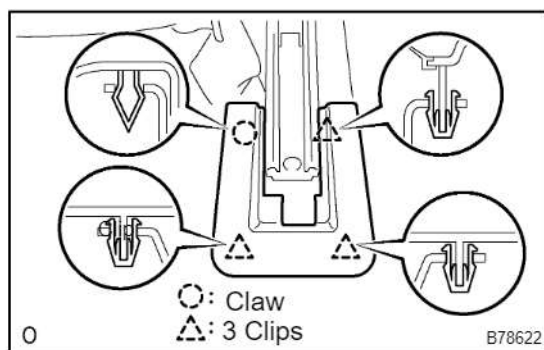


4. REMOVE REAR SEAT TRACK BRACKET COVER INNER RH

- Using a screwdriver, disengage the claw and 3 clips and remove the cover.

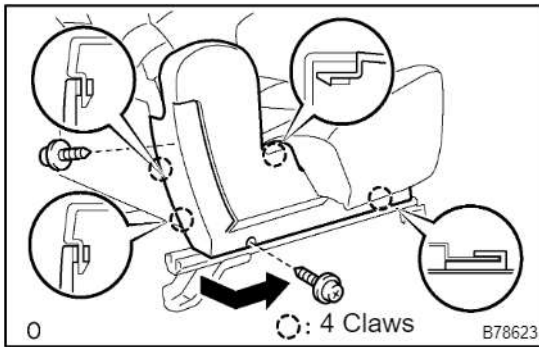
HINT:

Tape the screwdriver tip before use.



5. REMOVE REAR NO.1 SEAT ASSY RH

- Remove the headrest.
- Remove the 5 bolts and seat.

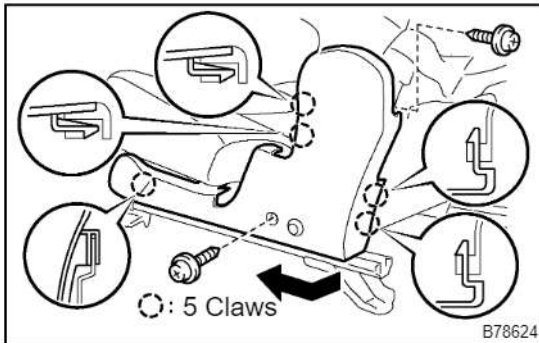


6. REMOVE REAR SEAT CUSHION MOULDING REAR RH

- Remove the 2 screws.
- Using a screwdriver, disengage the 4 claws and remove the moulding by pulling it out in the arrow mark direction shown in the illustration.

HINT:

Tape the screwdriver tip before use.

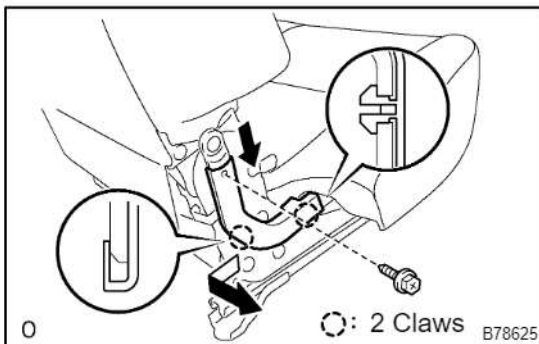


7. REMOVE REAR SEAT CUSHION MOULDING RH

- Remove the 2 screws.
- Using a screwdriver, disengage the 5 claws and remove the moulding by pulling it out in the arrow mark direction shown in the illustration.

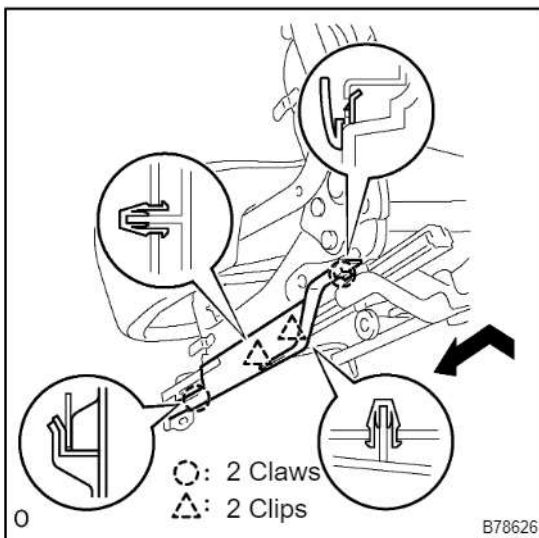
HINT:

Tape the screwdriver tip before use.



8. REMOVE VERTICAL ADJUSTER BRACKET COVER OUTER

- Remove the screw.
- Disengage the 2 claws and remove the bracket cover by pulling it out in the arrow mark direction shown in the illustration.



9. REMOVE RECLINING HINGE COVER RH

- Disengage the 2 clips and 2 claws and remove the hinge cover by pulling it out in the arrow mark direction shown in the illustration.

10. REMOVE REAR SEAT CUSHION ASSY RH

- Using a torx→ socket wrench (T45), remove the 2 bolts.
- Remove the 2 bolts and cushion.

11. REMOVE SEPARATE TYPE REAR SEAT CUSHION COVER

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

12. REMOVE SEAT TRACK UPPER RAIL COVER RH

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

13. REMOVE REMOTE CONTROL LEVER KNOB RH

- (a) Remove the screw and control lever knob.

14. REMOVE REAR SEAT COVER BEZEL NO.1

- (a) Using a screwdriver, disengage the 4 claws and remove the 2 covers.

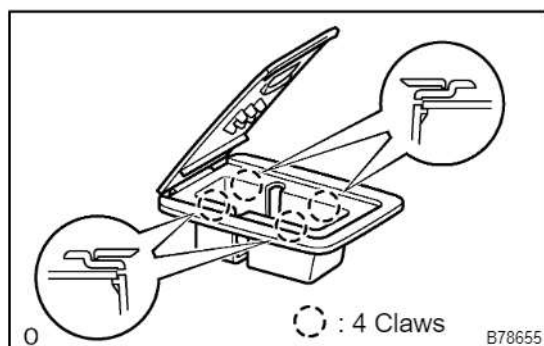
HINT:

Tape the screwdriver tip before use.

- (b) Remove the 3 screws and seat cover bezel.

15. REMOVE TONNEAU COVER HOOK HOLDER

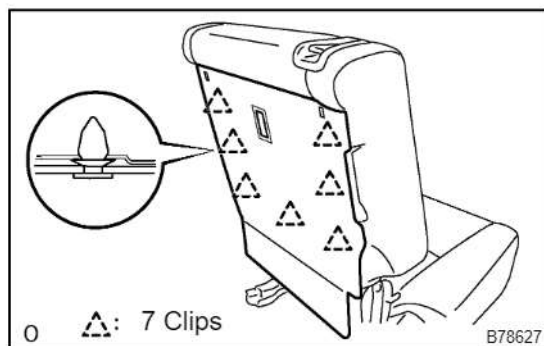
- (a) Remove the 2 screws and 2 holders.

**16. REMOVE REAR SEATBACK COVER RH**

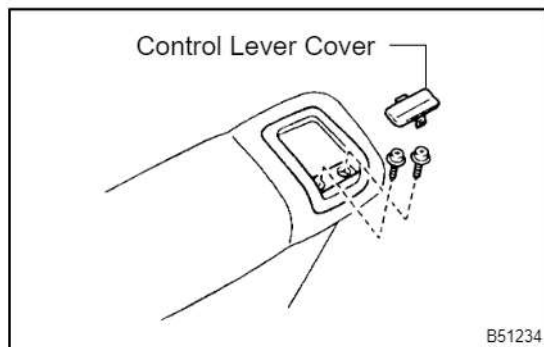
- (a) Using a screwdriver, disengage the 4 claws and remove the seatback cover.

HINT:

Tape the screwdriver tip before use.

**17. REMOVE REAR SEATBACK BOARD CARPET ASSY RH**

- (a) Using a clip remover, disengage the 7 clips and remove seatback board carpet.

**18. REMOVE REAR SEAT LOCK CONTROL LEVER SUB-ASSY RH**

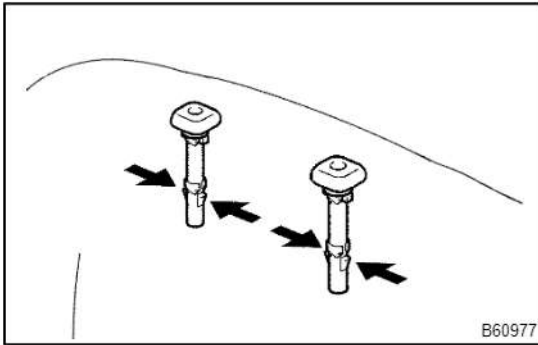
- (a) Using a screwdriver, disengage the 2 claws and remove the seat lock control lever cover.

HINT:

Tape the screwdriver tip before use.

- (b) Remove the 2 screws.

- (c) Disconnect the reclining remote control cable and remove the seat lock control lever.

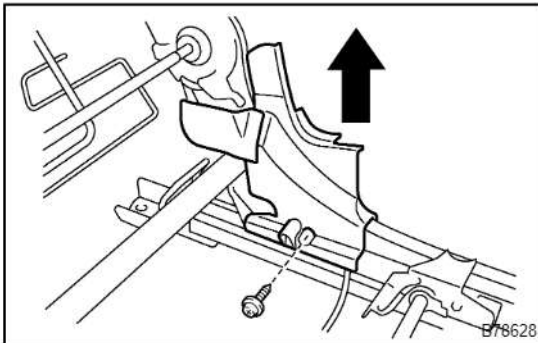


19. REMOVE SEPARATE TYPE REAR SEATBACK COVER

- (a) Remove the 2 headrest supports.
- (b) Using a clip remover, remove the 2 clips.
- (c) Disengage the hook and remove the seatback cover together with the pad from the seatback frame.
- (d) Remove the hog rings and seatback cover.

20. DISCONNECT REAR SEAT RECLINING CONTROL NO. 2 CABLE

21. REMOVE REAR SEAT BELT ASSY INNER (See page 61-15)



22. REMOVE REAR SEAT RECLINING COVER INNER RH

- (a) Remove the screw and reclining cover by pulling out the cover in the arrow mark direction shown in the illustration.

23. REMOVE RECLINING ADJUSTER INSIDE COVER RH

- (a) Remove the screw and inside cover.

24. REMOVE REAR SEATBACK FRAME ASSY RH

- (a) Using a torx→ socket wrench (T40), remove the 4 torx→ bolts and seatback frame.

25. REMOVE RECLINING CONTROL LINK SUB-ASSY RH

- (a) Remove the 4 nuts and control link.

26. REMOVE SEAT TRACK STOP PLATE RH

- (a) Remove the 2 nuts and stop plate.

27. REMOVE REAR BACK LOCK CONTROL LEVER SUB-ASSY RH

- (a) Remove the 3 nuts and control lever.

28. REMOVE REAR SEATBACK FRAME SUB-ASSY LOWER LH

- (a) Outer side:

Using a torx→ socket wrench (T40), remove the 3 torx→ bolts.

- (b) Inner side:

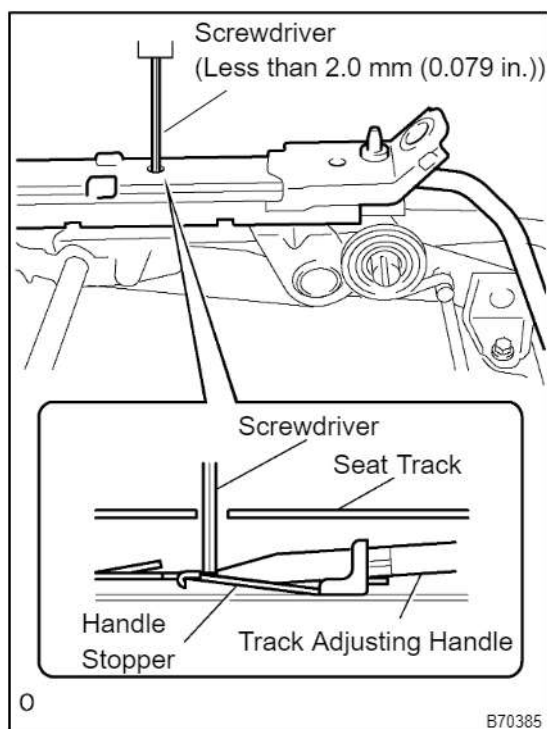
Using a torx→ socket wrench (T55), remove the 2 torx→ bolts and seatback frame.

29. REMOVE FOLD SEAT CUSHION FRAME NO.1

- (a) Remove the 2 nuts and cushion frame.

30. REMOVE FOLD SEAT CUSHION FRAME NO.2

- (a) Remove the 2 nuts and cushion frame.



- 31. REMOVE REAR SEAT TRACK ADJUSTING HANDLE**
- (a) Using a screwdriver, push down the handle stopper to disengage the claw with the slide rail in the frontmost position. Remove the track adjusting handle.

32. INSTALL FOLD SEAT CUSHION FRAME NO.1

- (a) Install the cushion frame with the 2 nuts.

Torque: 42 N·m (428 kgf·cm, 31 ft·lbf)

33. INSTALL FOLD SEAT CUSHION FRAME NO.2

- (a) Install the cushion frame with the 2 nuts.

Torque: 42 N·m (428 kgf·cm, 31 ft·lbf)

34. INSTALL REAR SEATBACK FRAME SUB-ASSY LOWER LH

- (a) Outer side:

Using a torx→ socket wrench (T40), install the 3 torx→ bolts.

Torque: 42 N·m (428 kgf·cm, 31 ft·lbf)

- (b) Inner side:

Using a torx→ socket wrench (T55), install the seatback frame with the 2 torx→ bolts.

Torque: 42 N·m (428 kgf·cm, 31 ft·lbf)

35. INSTALL REAR SEATBACK FRAME ASSY RH

- (a) Using a torx→ socket wrench (T40), install the seatback frame with the 4 torx→ bolts.

Torque: 42 N·m (428 kgf·cm, 31 ft·lbf)

36. INSTALL REAR BACK LOCK CONTROL LEVER SUB-ASSY RH

- (a) Install the control lever with the 3 nuts.

Torque: 18 N·m (184 kgf·cm, 13 ft·lbf)

37. INSTALL SEAT TRACK STOP PLATE RH

- (a) Install the stop plate with the 2 nuts.

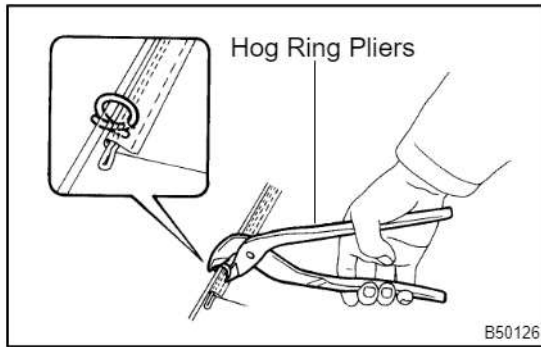
Torque: 18 N·m (184 kgf·cm, 13 ft·lbf)

38. INSTALL RECLINING CONTROL LINK SUB-ASSY RH

- (a) Install the control link with the 4 nuts.

Torque: 42 N·m (428 kgf·cm, 31 ft·lbf)

39. INSTALL REAR SEAT BELT ASSY INNER (See page 61-15)

**40. INSTALL SEPARATE TYPE REAR SEATBACK COVER**

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

NOTICE:

- Be careful not to damage the cover.
 - When installing the hog rings, take care to prevent wrinkles as much as possible.
- (c) Install the 2 headrest supports.

41. INSTALL SEPARATE TYPE REAR SEAT CUSHION COVER

- (a) 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 prevent wrinkles as much as possible.
- (b) Install the cushion cover to the cushion frame.

42. INSTALL REAR SEAT CUSHION ASSY RH

- (a) Using a torx→ socket wrench (T45), install seat cushion with the 2 torx→ bolts.
Torque: 21 N·m (214 kgf·cm, 15 ft·lbf) for hinge side
- (b) Install the seat cushion with the 2 bolts.
Torque: 18 N·m (184 kgf·cm, 13 ft·lbf) for cushion side

43. INSTALL REAR NO.1 SEAT ASSY RH

- (a) Place the seat in the cabin.
- (b) Install the seat with the 4 bolts.
Torque: 36.7 N·m (375 kgf·cm, 27 ft·lbf)
- (c) Install the fold seat stopper band with the bolt on the vehicle side.
Torque: 9.0 N·m (92 kgf·cm, 80 in·lbf)
- (d) Install the headrest.
- (e) When sliding the seat, check that both sides of the adjuster lock simultaneously.

HINT:

Check that the seat adjuster locks.

REPLACEMENT

HINT:

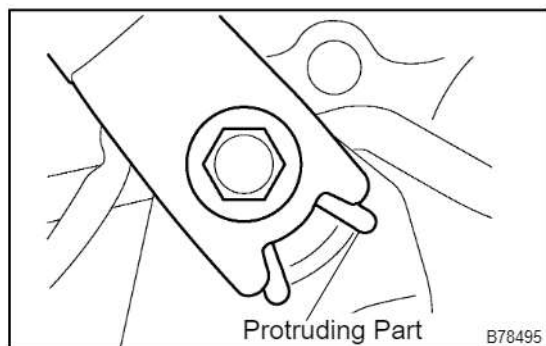
- The installation procedures are the removal procedures in reverse order. However, only installation procedures requiring additional information are included.
- Use the same procedures for the RH side and LH side.
- The procedures listed below are for the RH side.
- A bolt without a torque specification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

1. Manual seat type:

REMOVE FRONT SEAT INNER BELT ASSY RH

CAUTION:

- Removal of the seat belt pretensioner must be started at least 90 seconds after the ignition switch is turned OFF and the negative (-) terminal cable is disconnected from the battery.
 - Carefully read the notices for the "pretensioner" in the SRS airbag system section and the front seat outer belt section (see page 60-1).
- Remove the front seat RH (see page 72-1 1).
 - Remove the front seat cushion shield inner RH (see page 72-1 1).
 - Remove the front seat inner belt RH.
 - Disconnect the connector and clamp.
 - Remove the nut and belt.



- Install the front seat inner belt RH.

- Install the belt with the nut.

Torque: 42 N·m (428 kgf·cm, 31 ft·lbf)

NOTICE:

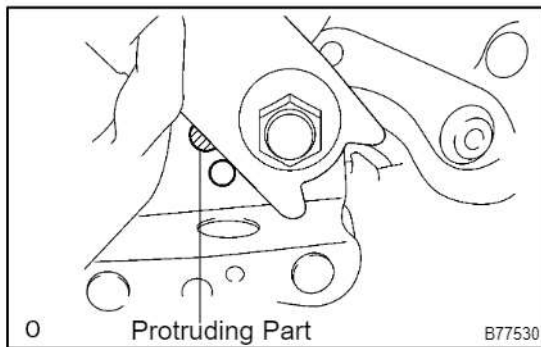
Do not allow the anchor part of the front belt and the protruding part of the floor panel to overlap.

- Connect the clamp and connector.
- Connect the battery's negative battery terminal.
- Initialize the occupant classification sensor (see page 72-1 1 or 72-19).
- Check the SRS warning lamp (see page 60-1).

2. Power seat type:**REMOVE FRONT SEAT INNER BELT ASSY RH****CAUTION:**

- Removal of the seat belt pretensioner must be started at least 90 seconds after the ignition switch is turned OFF and the negative (-) terminal cable is disconnected from the battery.
- Carefully read the notices for the "pretensioner" in the SRS airbag system section and the front seat outer belt section (see page 60-1).

- Remove the front seat assy RH (see page 72-11).
- Remove the power seat switch knobs (see page 72-11).
- Disconnect the connector and clamp.
- Remove the nut and belt.



- Install the belt with the nut.

Torque: 42 N·m (428 kgf·cm, 31 ft·lbf)

NOTICE:

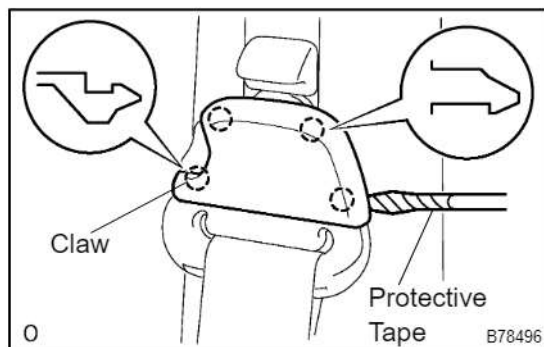
Do not allow the anchor part of the front belt and the protruding part of the floor panel to overlap.

- Connect the clamp and connector.
- Connect the battery's negative battery terminal.
- Initialize the occupant classification sensor (see page 72-11 or 72-19).
- Check the SRS warning lamp (see page 60-1).

3. REMOVE FRONT SEAT OUTER BELT ASSY RH**CAUTION:**

- Removal of the seat belt pretensioner must be started at least 90 seconds after the ignition switch is turned OFF and the negative (-) terminal cable is disconnected from the battery.
- Carefully read the notices for the "pretensioner" in the SRS airbag system section and the front seat outer belt section (see page 60-1).

- Remove the front door scuff plate RH (see page 76-21).
- Remove the rear door scuff plate RH (see page 76-21).
- Remove the front door opening trim weatherstrip (see page 76-21).
- Remove the rear door opening trim weatherstrip (see page 76-21).
- Remove the center pillar garnish lower RH (see page 76-21).

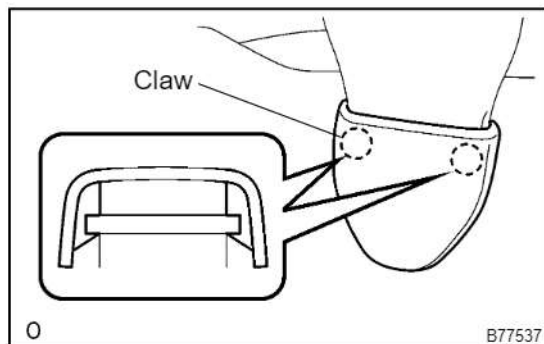


- (f) Remove the front seat outer belt assy RH.
 (1) Using a screwdriver, disengage the 4 claws and remove the shoulder belt anchor cover.

HINT:

Tape the screwdriver tip before use.

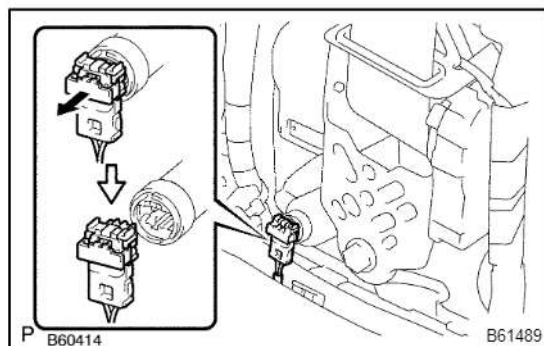
- (2) Remove the bolt and shoulder anchor.



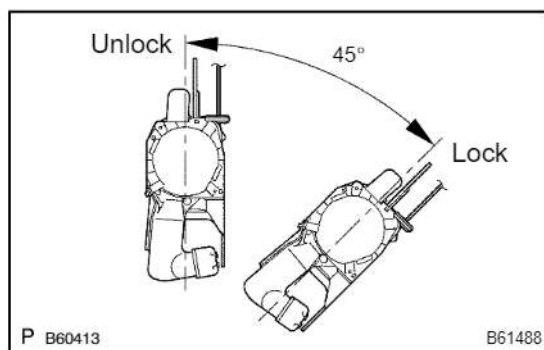
- (3) Using a screwdriver, disengage the 2 claws and remove the floor belt anchor cover.

HINT:

Tape the screwdriver tip before use.



- (4) Disconnect the pretensioner connector, as shown in the illustration.
 (5) Remove the 2 bolts and outer belt.



- (g) Install the front seat outer belt assy RH.
 (1) Check the amount of inclination required to lock the retractor.
 • When the inclination of the retractor is 15° or less, check that the belt can be pulled from the retractor. When the inclination of the retractor is over 45°, check that the belt locks.

NOTICE:

Do not disassemble the retractor.

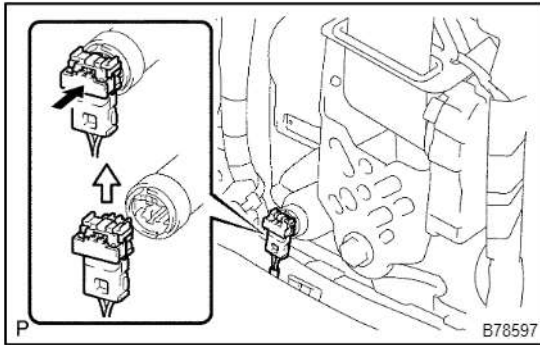
If operation is not as specified, replace the outer belt assy.

- (2) Install the front seat outer belt assy RH.

Torque:

7.5 N·m (77 kgf·cm, 66 in.-lbf) for upper bolt

42 N·m (428 kgf·cm, 31 ft-lbf) for lower bolt



- (3) Connect the pretensioner connector, as shown in the illustration.
- (4) Install the shoulder belt anchor to the shoulder belt anchor adjuster with the bolt.

Torque: 42 N·m (428 kgf·cm, 31 ft·lbf)

- (h) Install the center pillar garnish lower.
- (i) Install the floor anchor to the front seat with the bolt.

Torque: 42 N·m (428 kgf·cm, 31 ft·lbf)

- (j) Install the front door scuff plate.
- (k) Install the rear door scuff plate.
- (l) Install the front door opening trim weatherstrip.
- (m) Install the rear door opening trim weatherstrip.
- (n) Connect the battery's negative battery terminal.
- (o) Initialize the occupant classification sensor (see page 72-11 or 72-19).
- (p) Check the SRS warning lamp (see page 60-1).

REPLACEMENT

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.
- The procedures listed below are for the RH side.
- A bolt without a torque specification is shown in the standard bolt chart (see page 03-2).

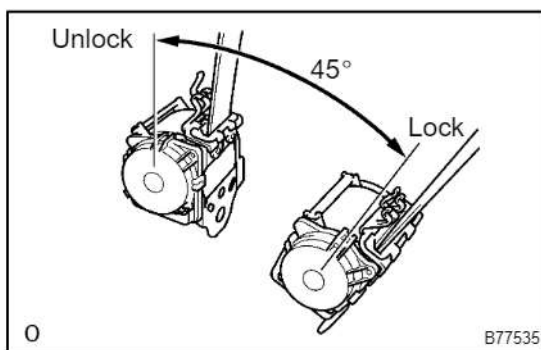
1. REMOVE REAR SEAT INNER BELT ASSY RH

- w/o Rear No. 2 seat:
Remove the deck board (see page 76-21).
- Remove the rear No.1 seat RH (see page 72-35 or 72-54).
- Remove the rear seat belt assy inner RH.
 - Remove the bolt and belt.
- Install the rear seat belt assy inner RH.
 - Install the belt with the bolt.

Torque: 42 N·m (428 kgf·cm, 31 ft·lbf)

2. REMOVE REAR SEAT OUTER BELT ASSY CENTER

- w/o Rear No. 2 seat:
Remove the deck board (see page 76-21).
- Remove the rear No. 1 seat RH (see page 72-35 or 72-54).
- Remove the rear seatback cover (see page 72-35 or 72-54).
- Remove the rear seat outer belt assy center.
 - Remove the nut, bolt and belt.



- Install the rear seat outer belt assy center.
 - Check the degree of tilt when the belt begins to lock the ELR.

NOTICE:

Do not disassemble the retractor.

- When the inclination of the retractor is 15° or less, check that the belt can be pulled from the retractor. When the inclination of the retractor is over 45° check that the belt locks.

If operation is not as specified, replace the belt assy.

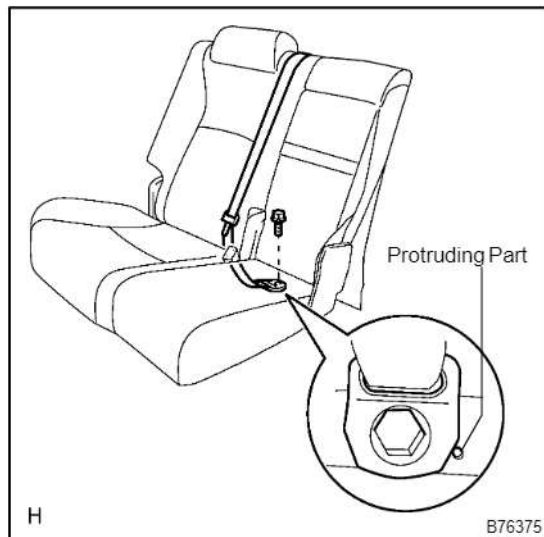
- Install the seat belt with bolt and nut.

Torque:

7.5 N·m (77 kgf·cm, 66 in·lbf) for bolt

42 N·m (428 kgf·cm, 31 ft·lbf) for nut

- Install the seatback cover
(see page 72-35 or 72-54).



(4) Install the floor anchor with the bolt.

Torque: 42 N·m (428 kgf·cm, 31 ft·lbf)

NOTICE:

Do not allow the anchor part of the rear belt and the protruding parts of the seat cushion frame to overlap.

- With the belt installed, check that the belt locks when it is pulled out quickly.

If operation is not as specified, replace the seat belt assy.

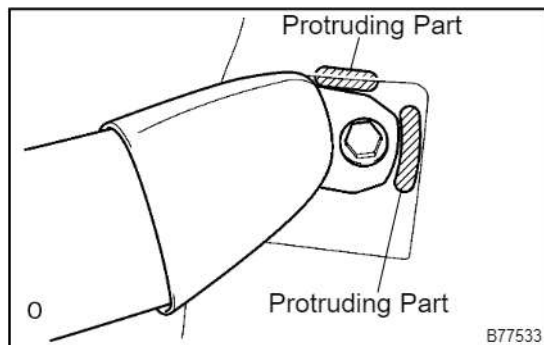
(5) Check the ELR lock.

NOTICE:

The check should be performed with the assembly installed.

- With the belt installed, check that the belt locks when it is pulled out quickly.

If operation is not as specified, replace the belt assy.



3. REMOVE REAR SEAT INNER BELT ASSY

(a) w/o Rear No. 2 seat:

Remove the deck board (see page [76-21](#)).

(b) Remove the rear No. 1 seat LH (see page [72-35](#) or [72-54](#)).

(c) Remove the rear seat inner belt assy.

(1) Remove the bolt and belt.

(d) Install the rear seat inner belt assy.

(1) Install the belt with the bolt.

Torque: 42 N·m (428 kgf·cm, 31 ft·lbf)

NOTICE:

Do not allow the anchor part of the rear belt and the protruding parts of the floor panel to overlap.

4. REMOVE REAR SEAT INNER BELT ASSY LH

(a) w/o Rear No. 2 seat:

Remove the deck board (see page [76-21](#)).

(b) Remove the rear No.1 seat LH (see page [72-35](#) or [72-54](#)).

(c) Remove the rear seat inner belt assy LH.

(1) Remove the bolt and belt.

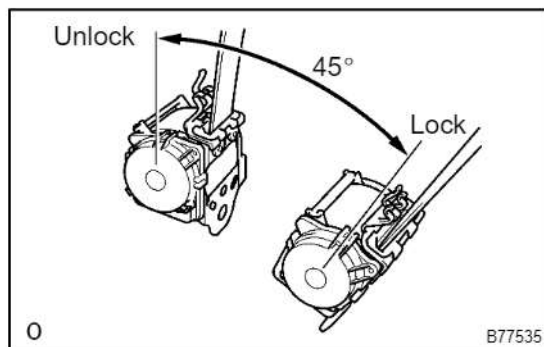
(d) Install the rear seat inner belt assy LH.

(1) Install the belt with the bolt.

Torque: 42 N·m (428 kgf·cm, 31 ft·lbf)

5. REMOVE REAR SEAT OUTER BELT ASSY RH

- (a) Remove the tonneau cover (see page 76-21).
- (b) Remove the deck board cover (see page 76-21).
- (c) Remove the deck board cover No. 2 (see page 76-21).
- (d) Remove the deck board cover No. 3 (see page 76-21).
- (e) w/ Rear No. 2 seat:
Remove the rear seat reclining cover RH
(see page 76-21).
- (f) Remove the deck floor box RR (see page 76-21).
- (g) w/o Rear No. 2 seat:
Remove the deck floor box FR (see page 76-21).
- (h) Remove the rear floor finish plate (see page 76-21).
- (i) Remove the deck side trim box LH (see page 76-21).
- (j) Remove the deck side trim box RH (see page 76-21).
- (k) Remove the rear No. 1 seat LH (see page 76-21).
- (l) Remove the rear No. 1 seat RH (see page 76-21).
- (m) Remove the rear door scuff plate RH
(see page 76-21).
- (n) Remove the rear door opening trim weatherstrip RH
(see page 76-21).
- (o) Remove the back door weatherstrip (see page 76-21).
- (p) Remove the rope hook (see page 76-21).
- (q) Remove the deck trim side panel RH
(see page 76-21).
- (r) w/ Rear No. 2 seat:
Remove the quarter pillar garnish RH
(see page 76-21).
- (s) w/ Rear No. 2 seat:
Remove the 3 clips and turn over the front floor carpet.
- (t) w/ Rear No. 2 seat:
Remove the 2 clips and rear floor silencer LH and RH.
- (u) w/ Rear A/C:
Remove the 4 clips and foot air duct rear.
- (v) Remove the rear seat outer belt assy RH.
 - (1) Remove the bolt and shoulder anchor.
 - (2) Remove the bolt and belt.



(w) Install the rear seat outer belt assy RH.

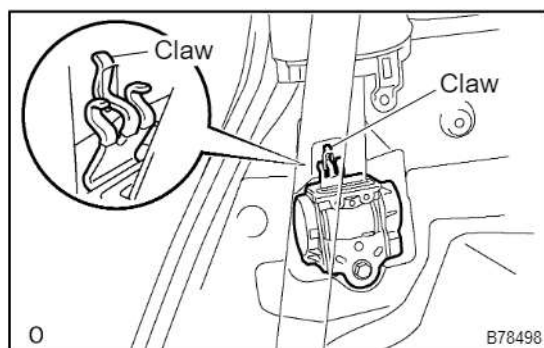
- (1) Check the degree of tilt when the belt begins to lock the ELR.

NOTICE:

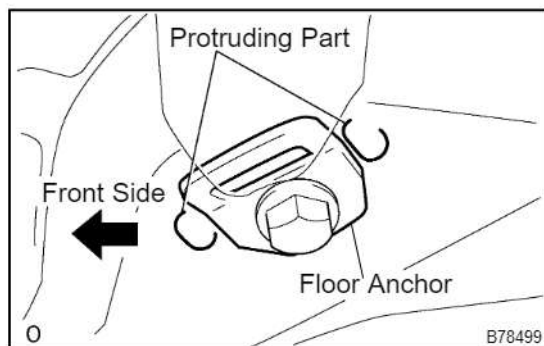
Do not disassemble the retractor.

- When the inclination of the retractor is 15° or less, check that the belt can be pulled from the retractor. When the inclination of the inclination of the retractor is over 45° check that the belt locks.

If operation is not as specified, replace the belt assy.



- (2) Install the belt assy with the bolt, as shown in the illustration.



- (3) Install the rear outer belt with the bolt.

Torque: 42 N·m (428 kgf·cm, 31 ft·lbf)

NOTICE:

Do not allow the anchor part of the rear belt and the protruding parts of the floor panel to overlap.

- With the belt installed, check that the belt locks when it is pulled out quickly.

If operation is not as specified, replace the seat belt assy.

- (4) Check the ELR lock.

NOTICE:

The check should be performed with the outer belt assy installed.

- With the belt installed, check that the belt locks when it is pulled out quickly.

If operation is not as specified, replace the belt assy.

- (5) Check the fastening function of the child restraint system.

NOTICE:

The check should be performed with the outer belt assy installed.

- When the belt is pulled out fully, the belt should automatically try to retract.
- After the belt has fully retracted, the belt should be able to be pulled out and retracted again.

If operation is not as specified, replace the belt assy.

REPLACEMENT

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.
- The procedures listed below are for the RH side.
- A bolt without a torque specification is shown in the standard bolt chart (see page 03-2).

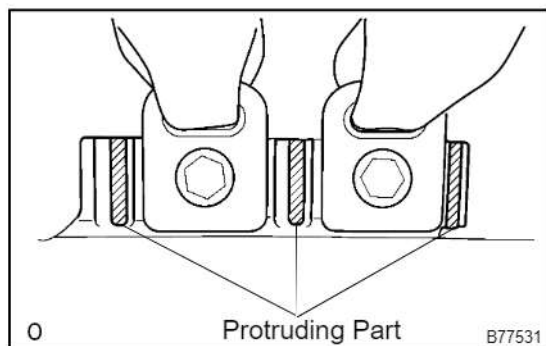
1. REMOVE REAR SEAT LAP TYPE BELT RH

- Remove the rear No. 2 seat (see page 72-61).
- Remove the rear seat lap type belt assy RH.
 - Remove the bolt and belt.
- Install the rear seat lap type belt assy RH.
 - Remove the bolt and belt.

Torque: 42 N·m (428 kgf·cm, 31 ft·lbf)

2. REMOVE REAR SEAT INNER BELT ASSY

- Remove the rear No. 2 seat (see page 72-61).
- Remove the rear seat inner belt assy.
 - Remove the 2 bolts and 2 belts.



- Install the rear seat inner belt assy.
 - Remove the 2 bolts and 2 belts.

Torque: 42 N·m (428 kgf·cm, 31 ft·lbf)

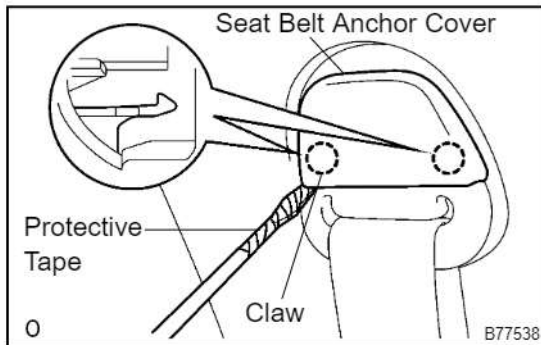
NOTICE:

Do not allow the anchor part of the rear belt and the protruding parts of the floor panel to overlap.

3. REMOVE REAR NO.2 SEAT OUTER BELT ASSY RH

- Remove the tonneau cover (see page 76-21).
- Remove the deck board cover (see page 76-21).
- Remove the deck board cover No. 2 (see page 76-21).
- Remove the deck board cover No. 3 (see page 76-21).
- Remove the rear seat reclining cover LH (see page 76-21).
- Remove the rear seat reclining cover RH (see page 76-21).
- Remove the deck floor box RR (see page 76-21).
- Remove the rear floor finish plate (see page 76-21).
- Remove the deck side trim box LH (see page 76-21).
- Remove the deck side trim box RH (see page 76-21).
- Remove the rear No. 1 seat LH (see page 76-21).
- Remove the rear No. 1 seat RH (see page 76-21).
- Remove the rear No. 2 seat RH (see page 76-21).
- Remove the rear door opening trim weatherstrip RH (see page 76-21).
- Remove the back door weatherstrip (see page 76-21).

- (p) Remove the rope hook (see page 76-21).
- (q) Remove the rear door scuff plate RH (see page 76-21).
- (r) Remove the deck trim side panel RH (see page 76-21).
- (s) Remove the quarter pillar garnish RH (see page 76-21).

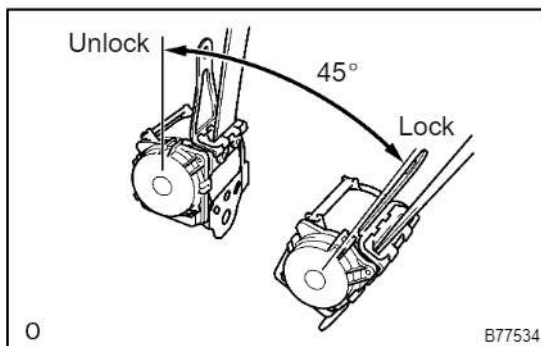


- (t) Remove the rear No. 2 seat belt assy outer RH.
 - (1) Using a screwdriver, open the seat belt anchor cover

HINT:

Tape the screwdriver tip before use.

- (2) Remove the bolt and shoulder anchor.
- (3) Remove the 2 bolts and belt.



- (u) Install the rear No. 2 seat belt assy outer RH.
 - (1) Check the amount of inclination required to lock the retractor.
 - When the inclination of the retractor is 15° or less, check that the belt can be pulled from the retractor. When the inclination of the retractor is over 45°, check that the belt locks.

NOTICE:

Do not disassemble the retractor.

If operation is not as specified, replace the outer belt assy.

- (2) Install the belt with the 2 bolts.

Torque:

7.5 N·m (77 kgf·cm, 66 in·lbf) for upper bolt

42 N·m (428 kgf·cm, 31 ft·lbf) for lower bolt

- (3) Install the shoulder anchor with the bolt.

Torque: 42 N·m (428 kgf·cm, 31 ft·lbf)