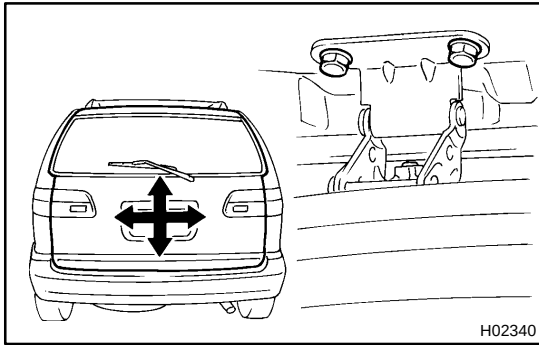


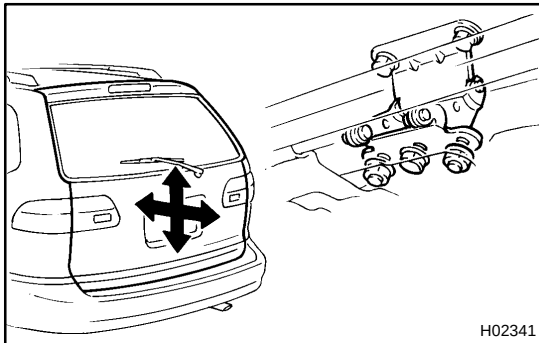


ADJUSTMENT

1. ADJUST DOOR IN LEFT/RIGHT AND VERTICAL DIRECTIONS

Loosen the door side hinge bolts to adjust.

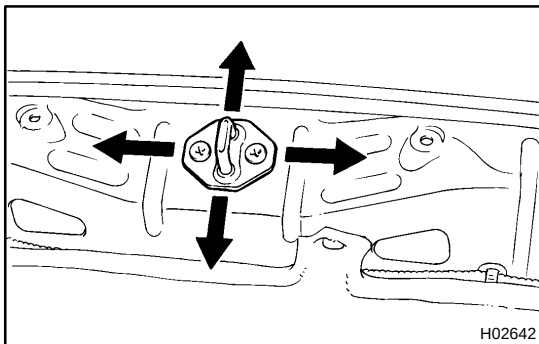
Torque: 19 N·m (195 kgf·cm, 14 ft·lbf)



2. ADJUST DOOR IN FORWARD/REARWARD AND VERTICAL DIRECTIONS

Loosen the body side hinge bolts and nuts to adjust.

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



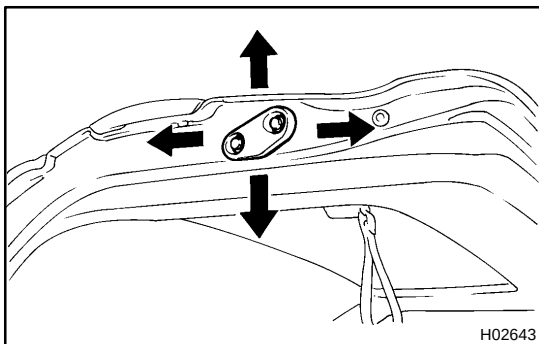
3. ADJUST DOOR LOCK STRIKER

(a) Check that the door fit and door linkages are adjusted correctly.

(b) Loosen the striker mounting screws.

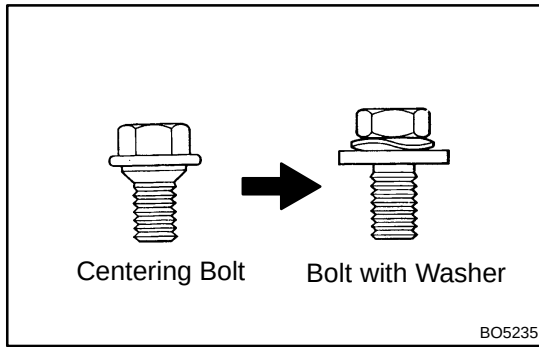
Torque: 11 N·m (115 kgf·cm, 8 ft·lbf)

(c) Using a plastic hammer, tap the striker to adjust.



4. ADJUST LOWER STOPPER

Loosen the stopper mounting bolts to adjust.

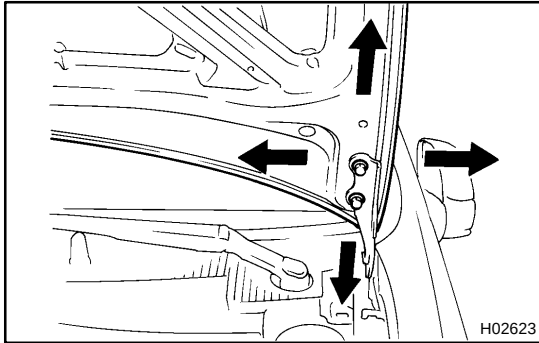


HOOD ADJUSTMENT

B00RZ-02

HINT:

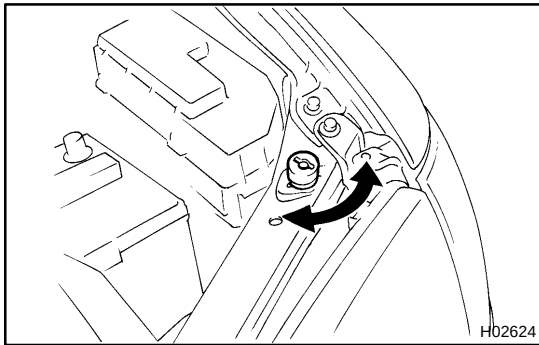
Since the centering bolt is used as a hood hinge set bolt, the hood cannot be adjusted with it on. Substitute the bolt with washer for the centering bolt.



1. ADJUST HOOD IN FORWARD/REARWARD AND LEFT/RIGHT DIRECTIONS

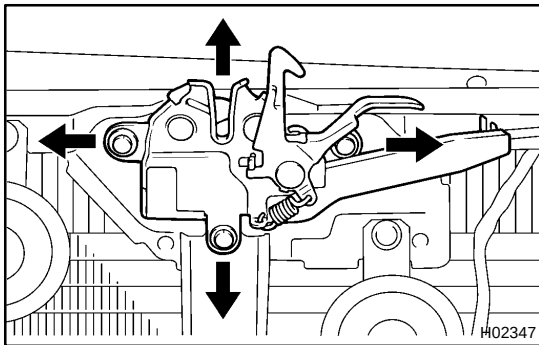
Adjust the hood by loosening the hood side hinge bolts.

Torque: 13 N·m (130 kgf·cm, 9 ft·lbf)



2. ADJUST FRONT EDGE OF HOOD IN VERTICAL DIRECTION

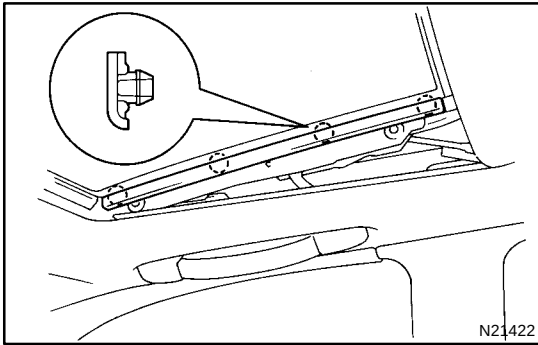
Adjust the hood by turning the cushions.



3. ADJUST HOOD LOCK

Adjust the lock by loosening the bolts.

Torque: 7.8 N·m (80 kgf·cm, 69 in·lbf)



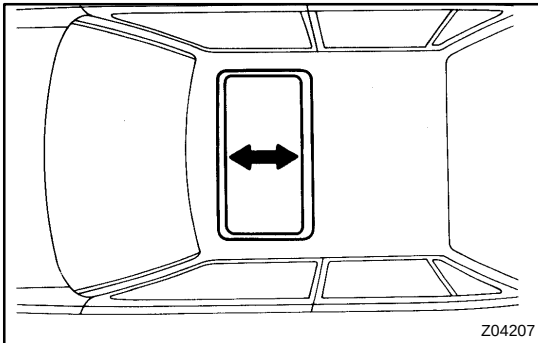
ADJUSTMENT

1. REMOVE SIDE GARNISH

- (a) Before making adjustments, using a screwdriver, remove the side garnish.

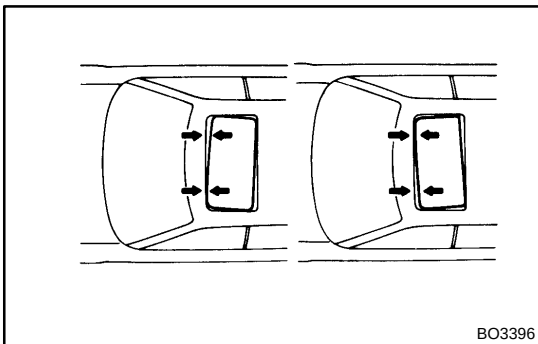
HINT:

- Tape the screwdriver tip before use.
 - After adjustment, reinstall the side garnishes.
- (b) Employ the same manner described above to the other side.



2. ADJUST SLIDING ROOF GLASS FORWARD OR REARWARD

- (a) Using a torx wrench, loosen the sliding roof glass installation screws.
- (b) Adjust the sliding roof glass forward or rearward.

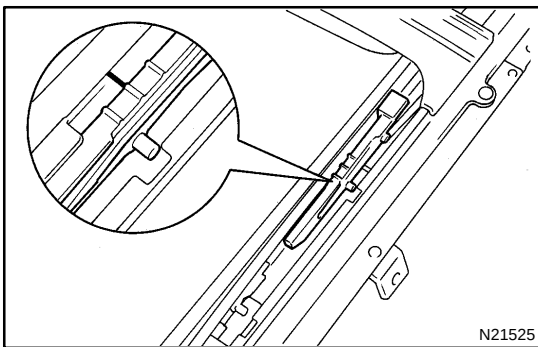


3. ADJUST SLIDING ROOF GLASS IN CLEARANCE (Difference in left and right clearance)

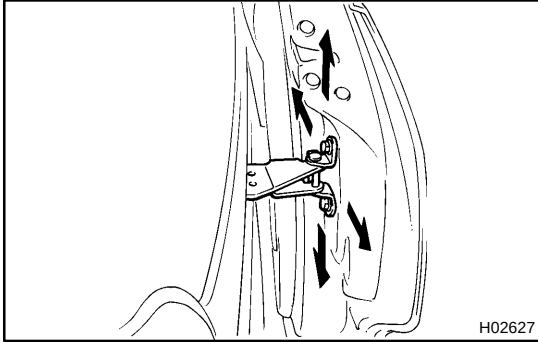
- (a) When the front or rear alignment is not correct, remove the drive gear and sliding roof glass, then adjust the drive cable.

NOTICE:

Remove the drive gear with the sliding roof fully closed.



- (b) Adjust by sliding the cable forward or rearward to align the 2 marks as shown.
- (c) Install the drive gear and sliding roof glass.

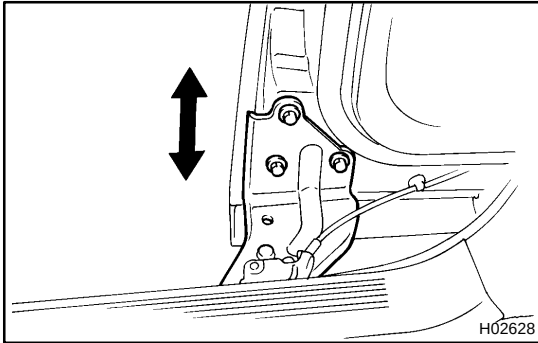


ADJUSTMENT

1. ADJUST REAR SIDE OF DOOR IN FORWARD/REARWARD AND VERTICAL DIRECTIONS

Loosen the center hinge mounting bolts to adjust.

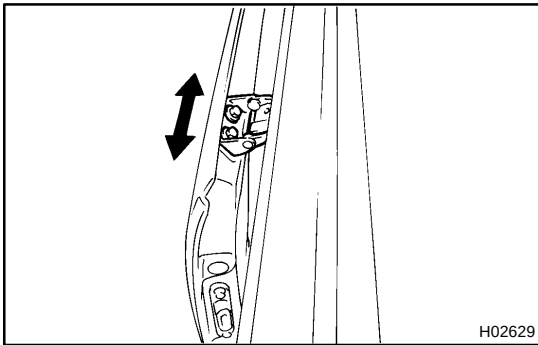
Torque: 30 N·m (310 kgf·cm, 22 ft·lbf)



2. ADJUST DOOR IN VERTICAL DIRECTION

Loosen the lower roller mounting bolts to adjust.

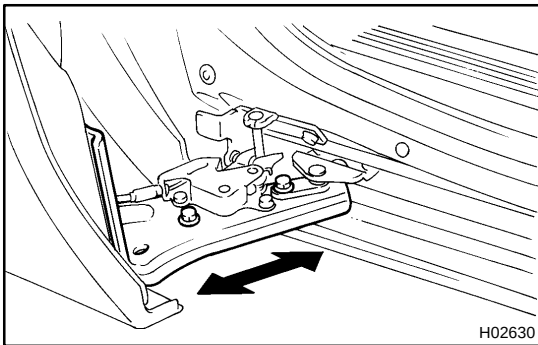
Torque: 30 N·m (310 kgf·cm, 22 ft·lbf)



3. ADJUST DOOR IN FORWARD/REARWARD DIRECTION

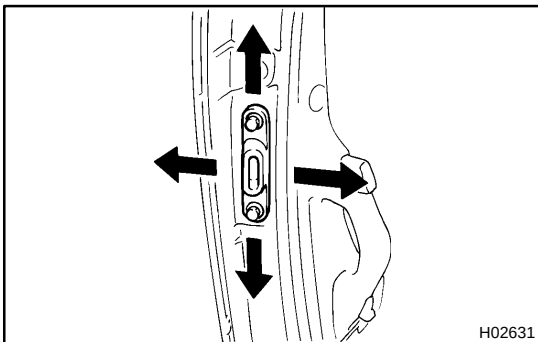
Loosen the upper roller mounting bolts to adjust.

Torque: 13 N·m (130 kgf·cm, 9 ft·lbf)



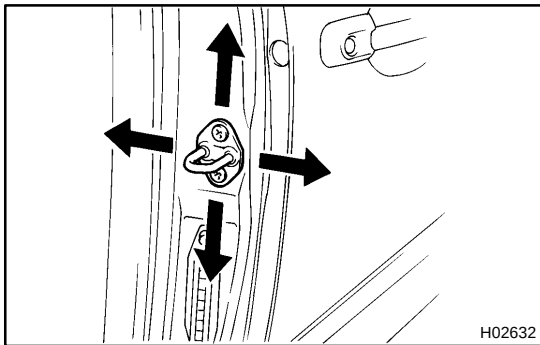
4. ADJUST DOOR IN LEFT/RIGHT DIRECTION

Loosen the lower roller base mounting bolts to adjust.



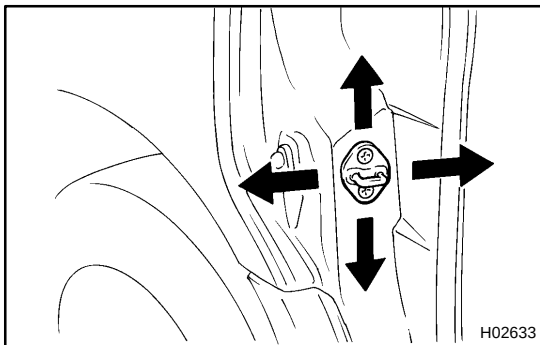
5. ADJUST DOWN FEMALE STOPPER

Loosen the down female stopper mounting bolts to adjust.



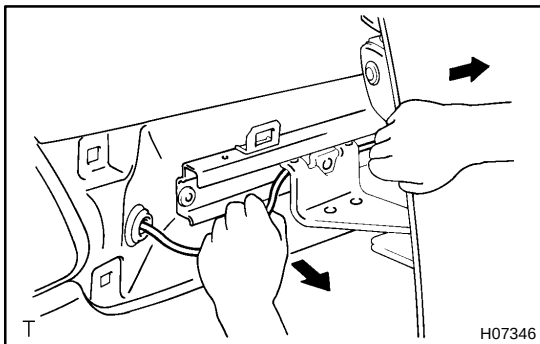
6. ADJUST FRONT LOCK STRIKER

- (a) Check that the door fit and door lock linkage are adjusted correctly.
- (b) Loosen the striker mounting screw.
Torque: 23 N·m (230 kgf·cm, 17 ft·lbf)
- (c) Using a plastic hammer, tap the striker to adjust.



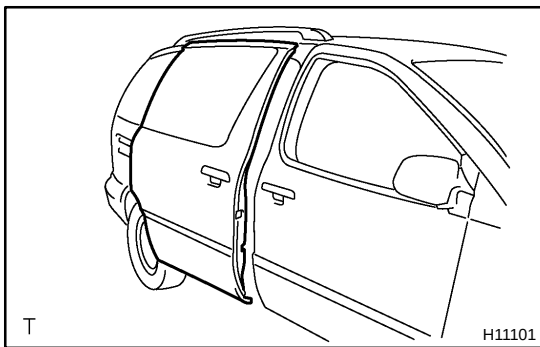
7. ADJUST REAR LOCK STRIKER

- (a) Check that the door fit and door lock linkage are adjusted correctly.
- (b) Loosen the striker mounting screw.
Torque: 23 N·m (230 kgf·cm, 17 ft·lbf)
- (c) Using a plastic hammer, tap the striker to adjust.

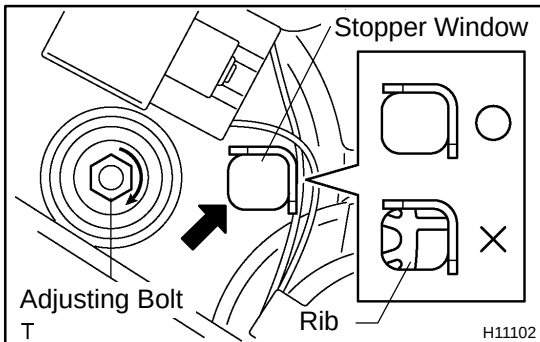


8. ADJUST CONTROL CABLE TENSION

- (a) Pull on the rear side cable to provide temporary tension and move roller hinge forward to front of the center rail.



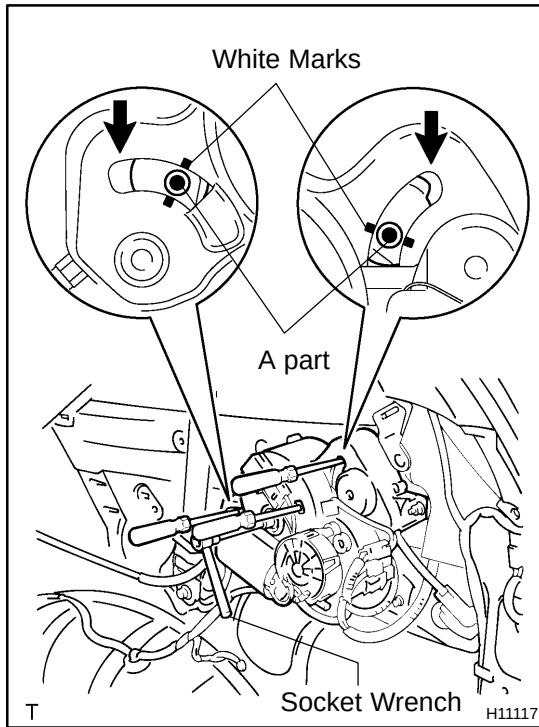
- (b) Open the door 100 mm (3.94 in.).



- (c) Using a socket wrench, rotate the adjusting bolt clockwise until hole appears in stopper window on the power slide door drive unit. Then insert a screwdriver to hole.

HINT:

On the drum viewed through the stopper window, there is one part where a rib cannot be seen at all as shown in the illustration.



- (d) Using 2 screwdrivers, align the A part of the tensioner with white marks and hold the position.

HINT:

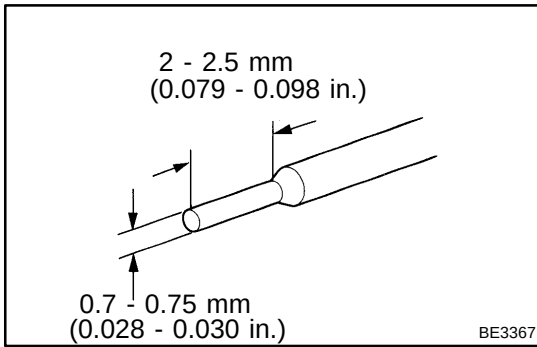
Instead of 2 screwdrivers, 2 round sticks (diameter: 12 - 13 mm (0.47 - 0.51 in.)) is more useful for the operation.

- (e) Turn the adjusting bolt counterclockwise by approx. 3/4 until the cable is tightened.

Torque: 18 N·m (185 kgf·cm, 13 ft·lbf)

- (f) After the above process is completed, remove the 3 screwdrivers.

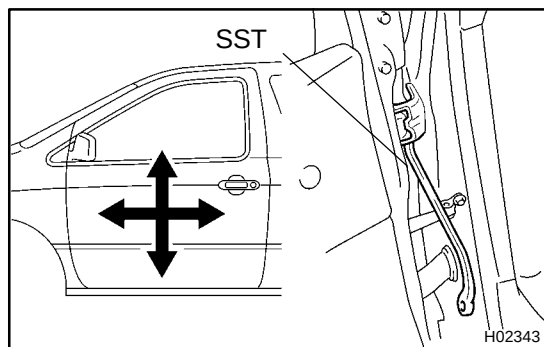
- (g) Remove the socket wrench.



ADJUSTMENT

ADJUST WASHER NOZZLE

Using a tool like the one shown in the illustration, change the direction of the nozzle hole to adjust the point where washer fluid hits the windshield.



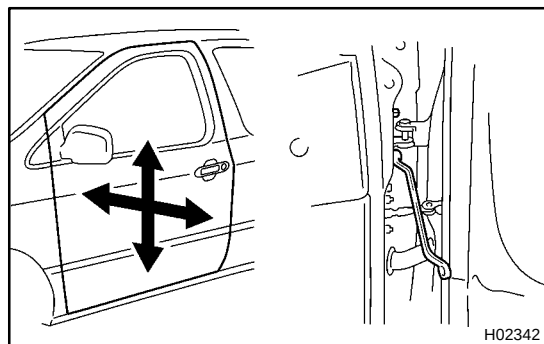
ADJUSTMENT

1. ADJUST DOOR IN FORWARD/REARWARD AND VERTICAL DIRECTIONS

Using SST, loosen the body side hinge bolts to adjust.

SST 09812-00010

Torque: 25 N·m (260 kgf·cm, 19 ft·lbf)



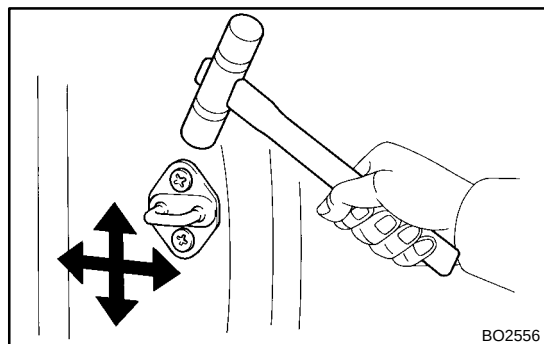
2. ADJUST DOOR IN LEFT/RIGHT AND VERTICAL DIRECTIONS

Loosen the door side hinge bolts to adjust.

HINT:

Substitute the bolt with washer for the centering bolt.

Torque: 25 N·m (260 kgf·cm, 19 ft·lbf)



3. ADJUST DOOR LOCK STRIKER

(a) Check that the door fit and door lock linkages are adjusted correctly.

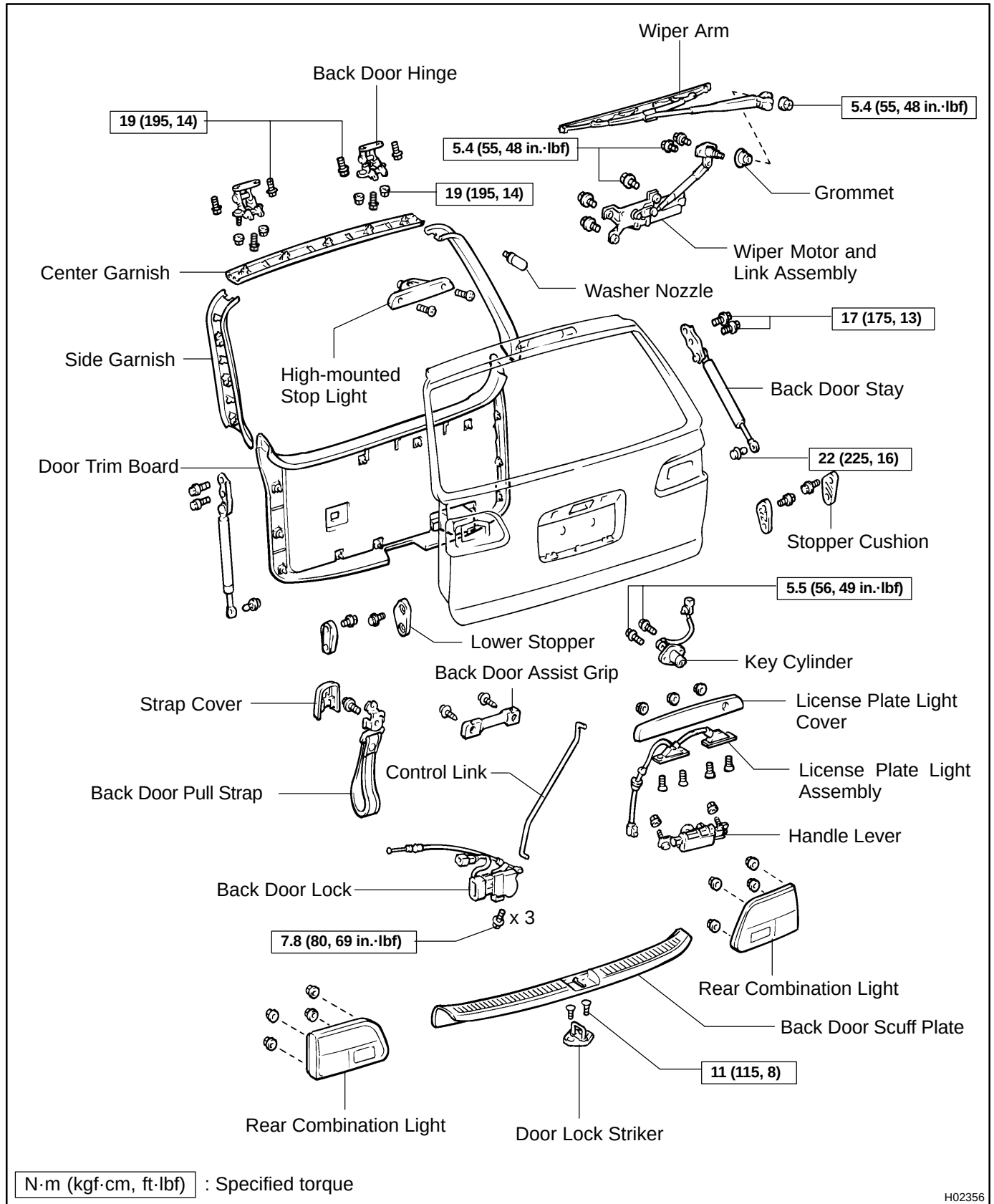
(b) Loosen the striker mounting screws.

Torque: 23 N·m (230 kgf·cm, 17 ft·lbf)

(c) Using a plastic hammer, tap the striker to adjust it.

BACK DOOR COMPONENTS

B00S9-02



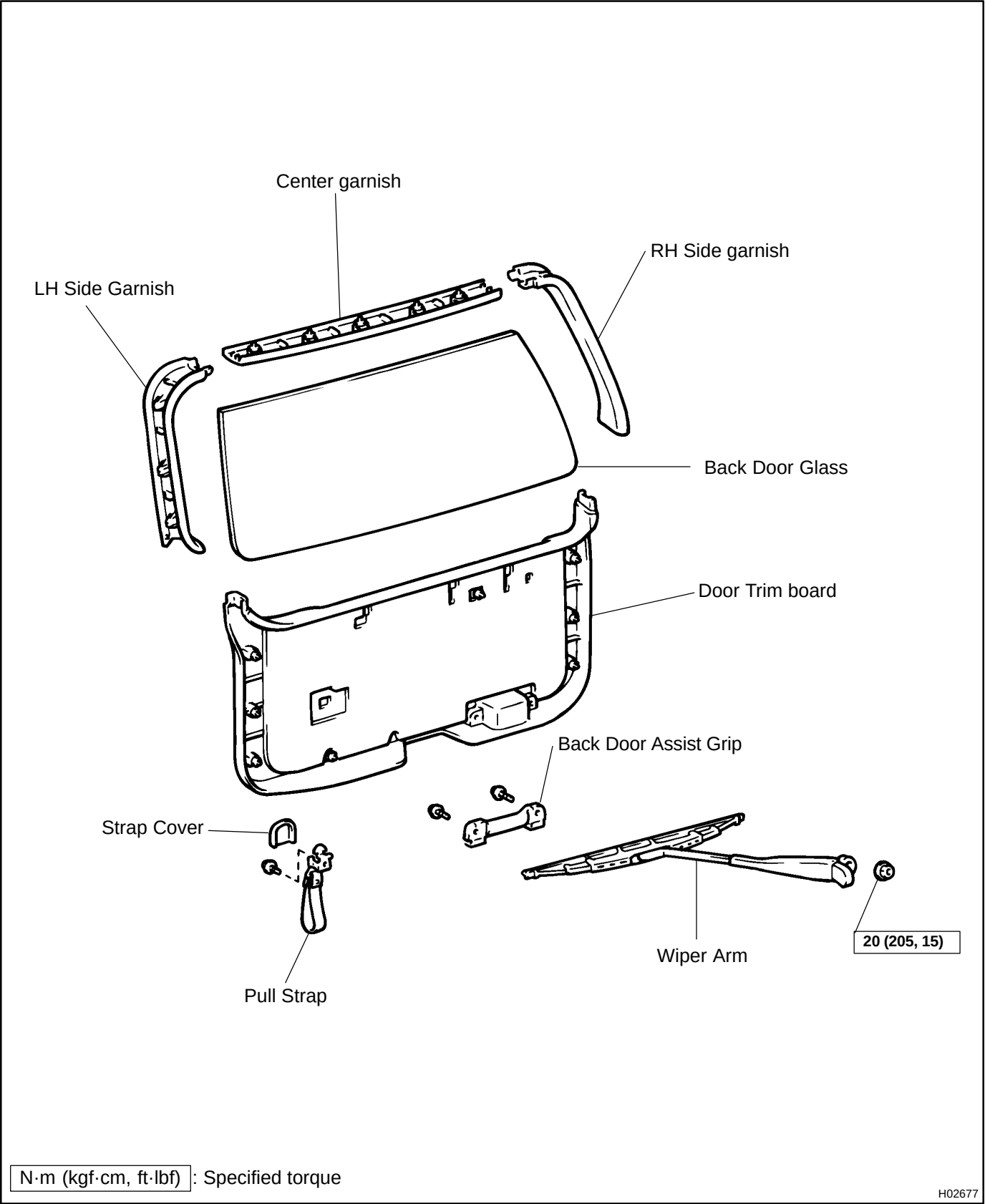
H02356

BO0112.03



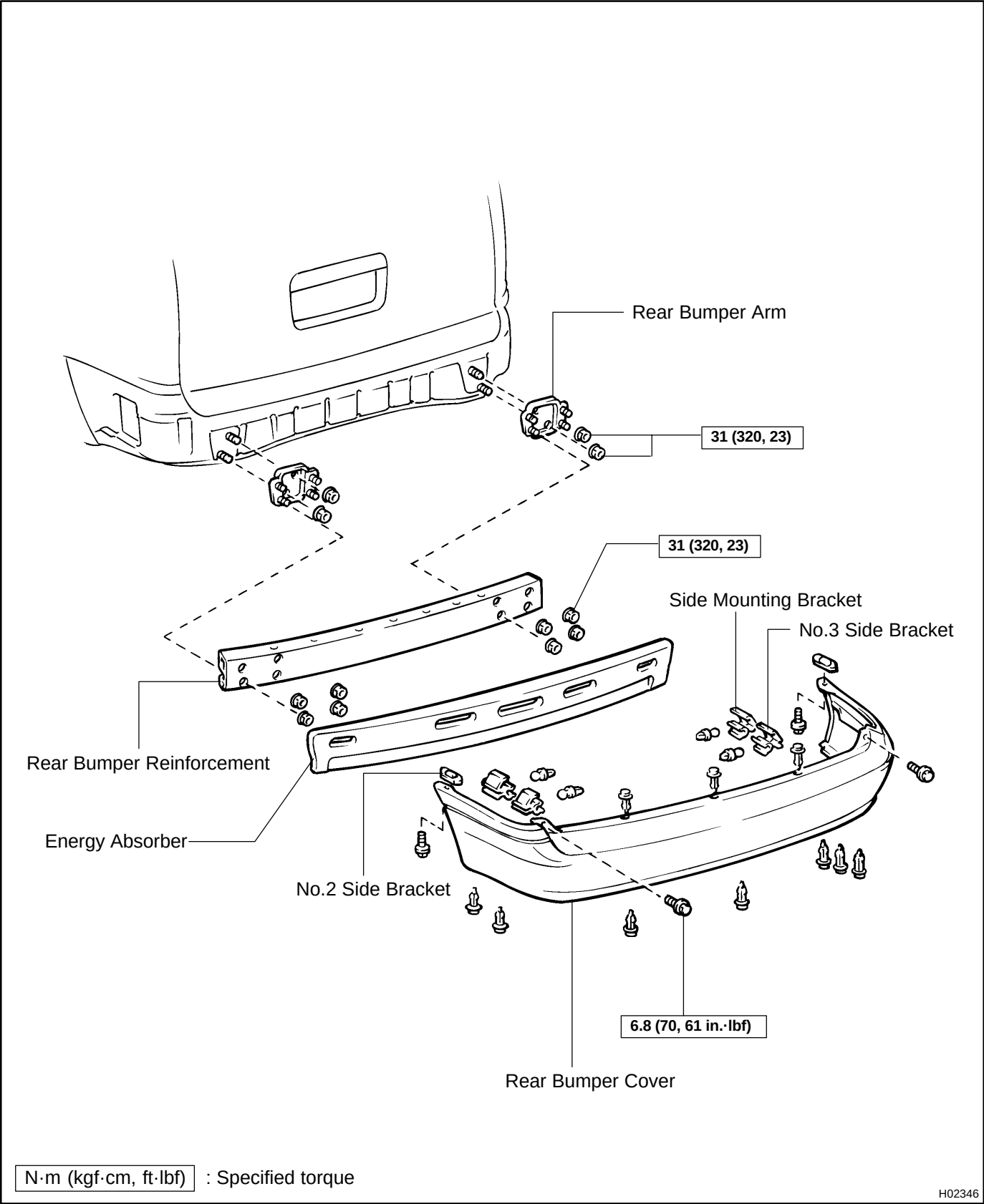
BACK DOOR GLASS COMPONENTS

BO0T6-02



REAR BUMPER
COMPONENTS

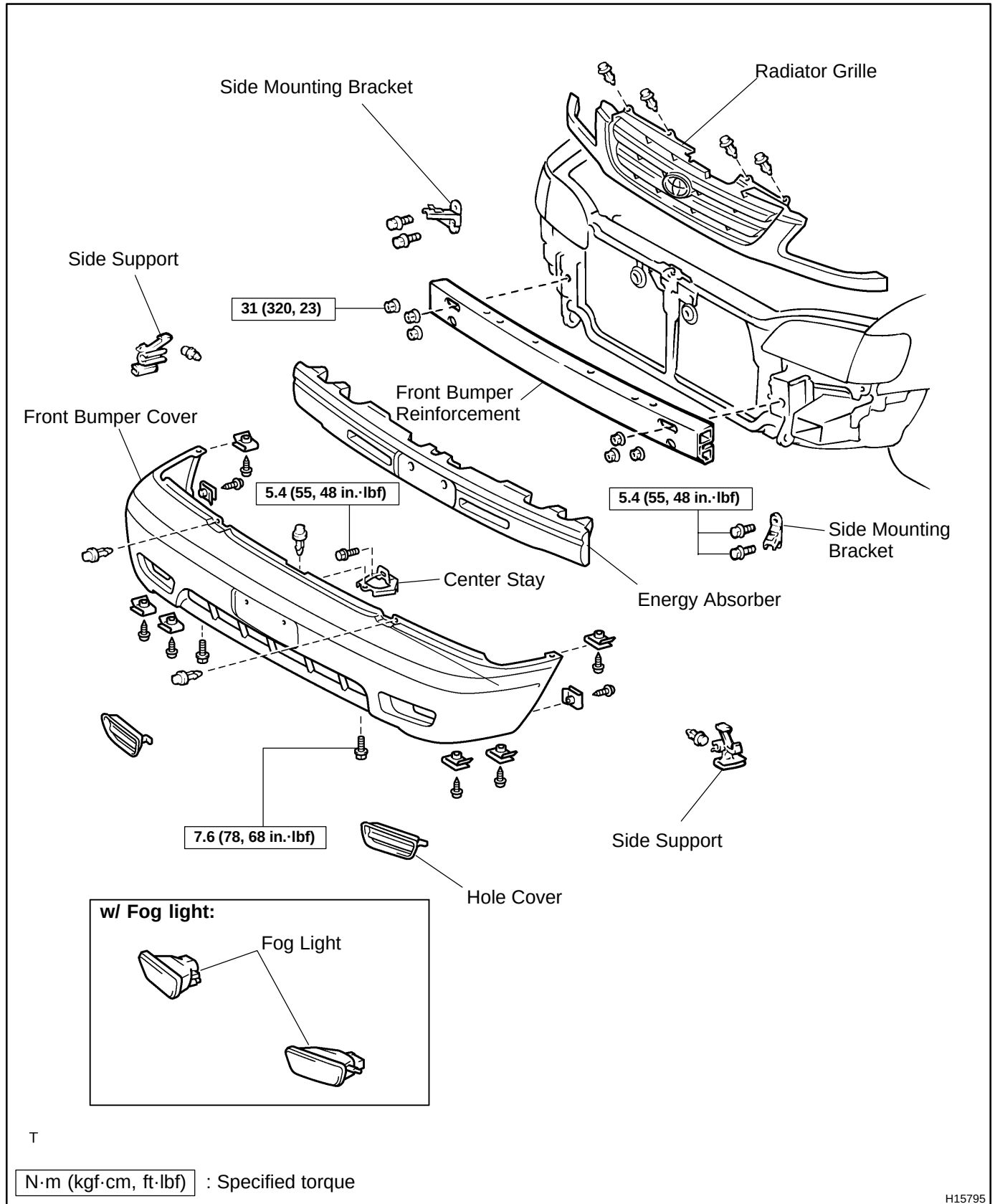
BO0RY-02



H02346

FRONT BUMPER COMPONENTS

BOORX-03

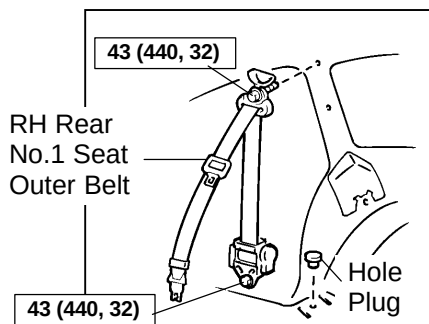


H15795

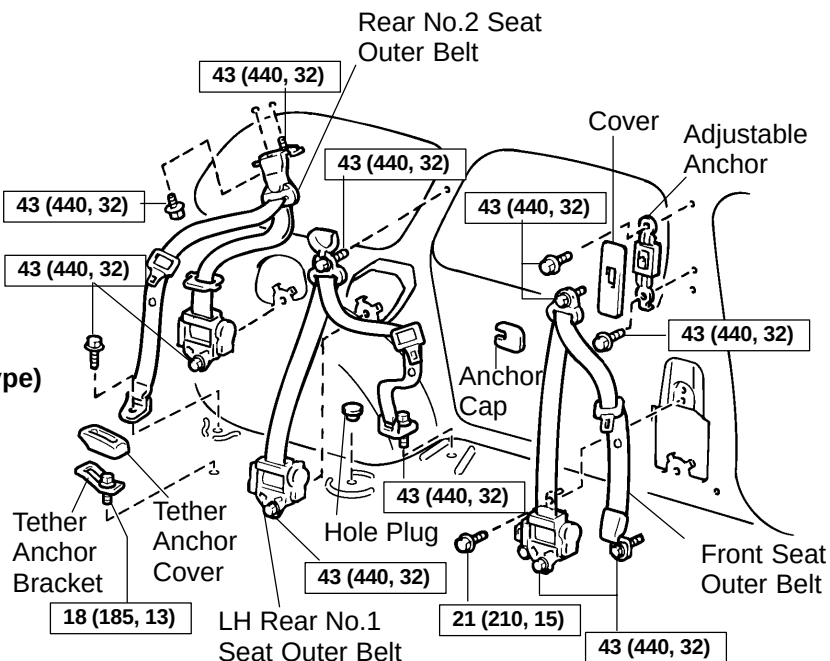
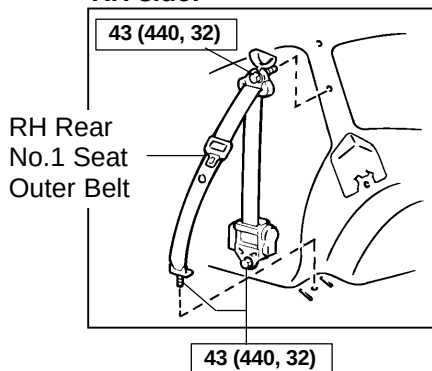
SEAT BELT COMPONENTS

BO0UF-03

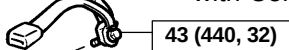
**Rear No.1 seat (Bench type)
RH side:**



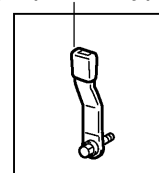
**Rear No.1 seat (Separate type)
RH side:**



**Rear No.2 Seat Inner
with Center Belt**



**Rear No.1 Seat
Inner Belt
(Separate Type)**



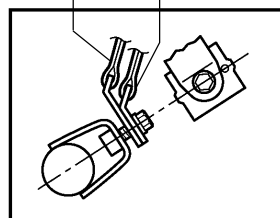
Rear No.2 Seat

**Rear No.1 Seat
(Bench Type)**

**Front Seat or
Rear No.1 Seat
(Separate Type)**

For Outside Passenger

**For Center
Passenger**



43 (440, 32)

**Rear No.1 Seat
Inner Belt
(Bench Type)**

43 (440, 32)

**Rear No.1
Seat Inner
Belt**

**Rear No.1 Seat
Inner Belt**

**Front Seat
Inner Belt**

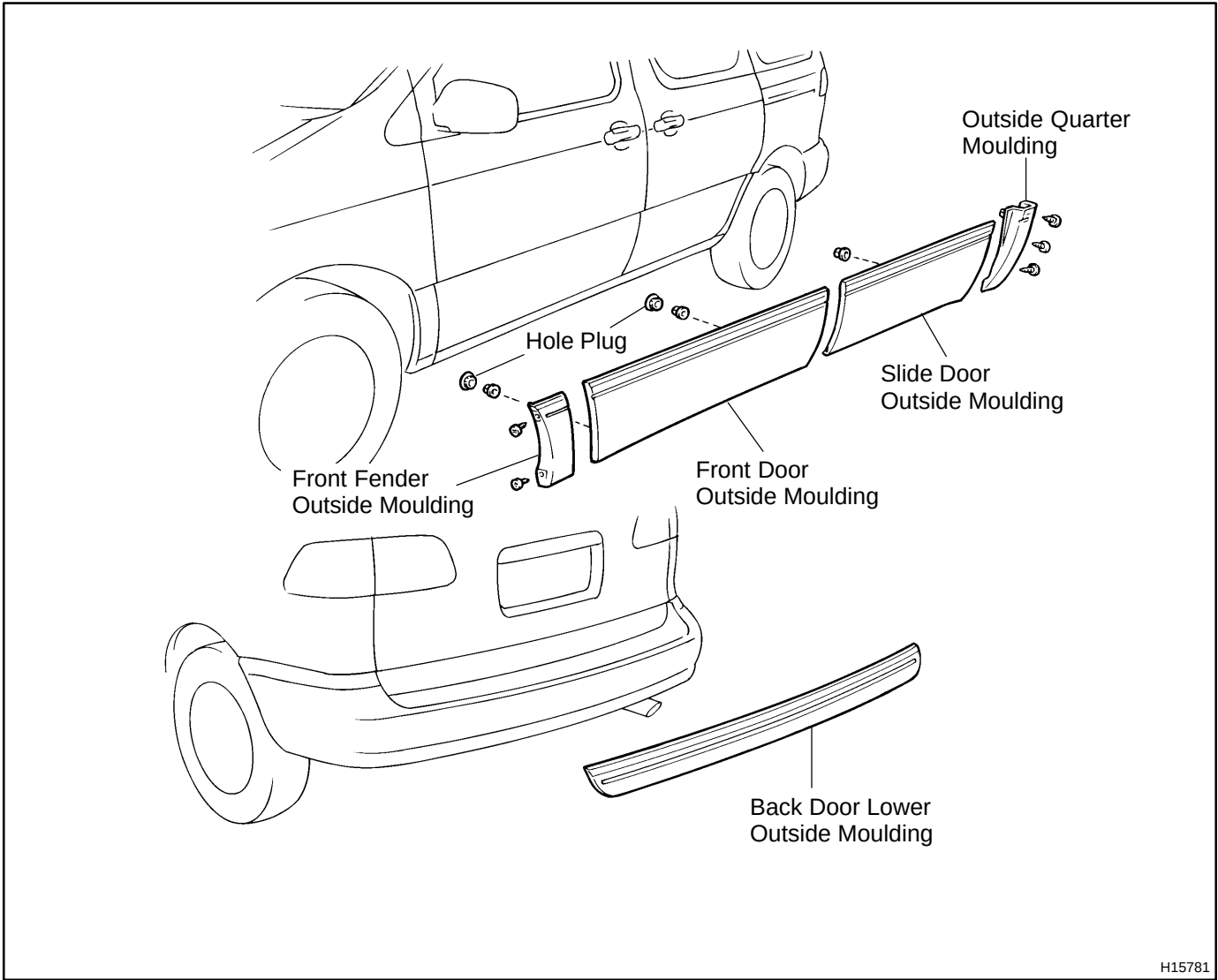
43 (440, 32)

T

H15883

BODY OUTSIDE MOULDING COMPONENTS

BO0SL-03



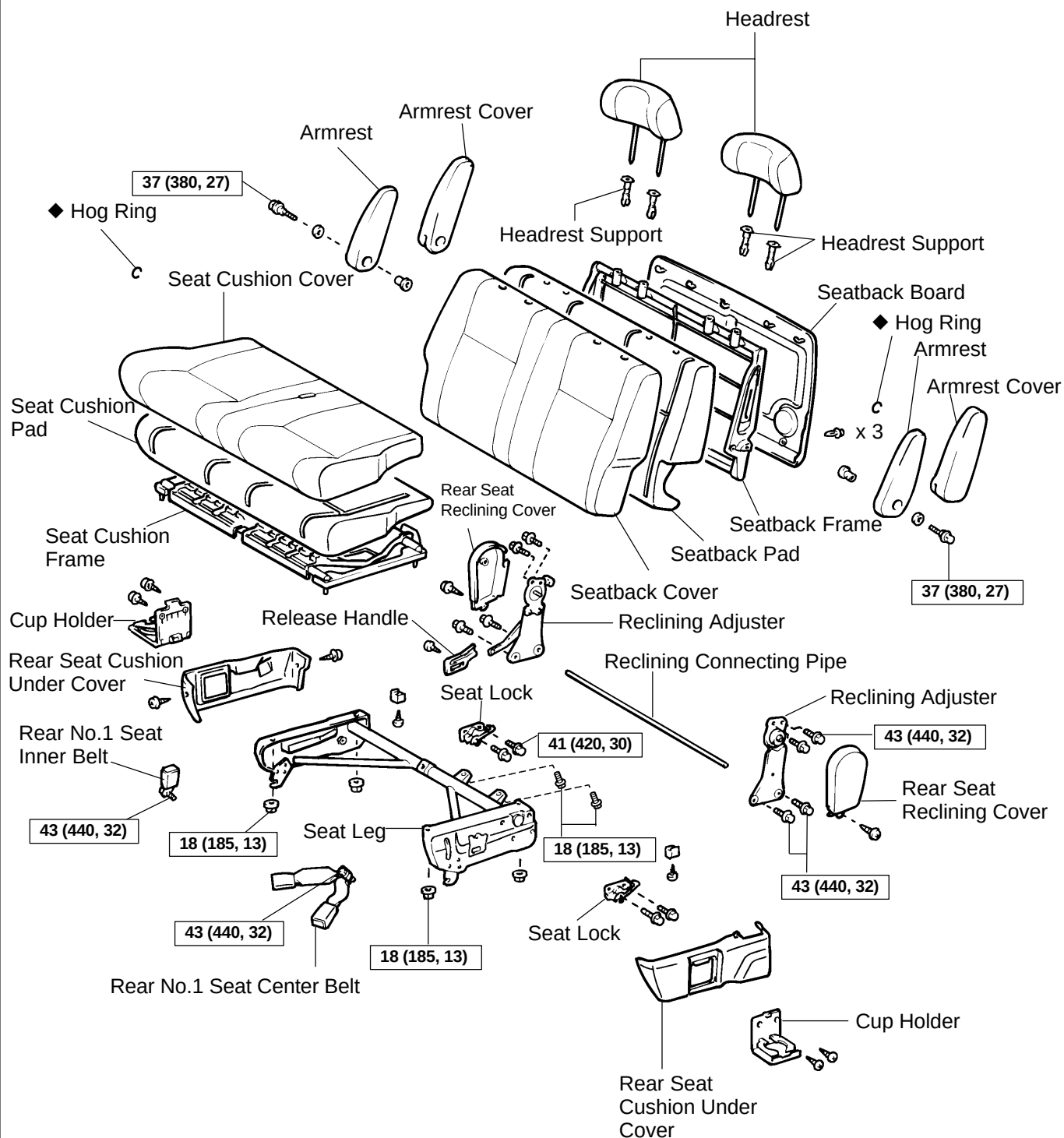
H15781

REAR NO.1 SEAT (Bench Type)

COMPONENTS

B00U9-03

w/o CRS:



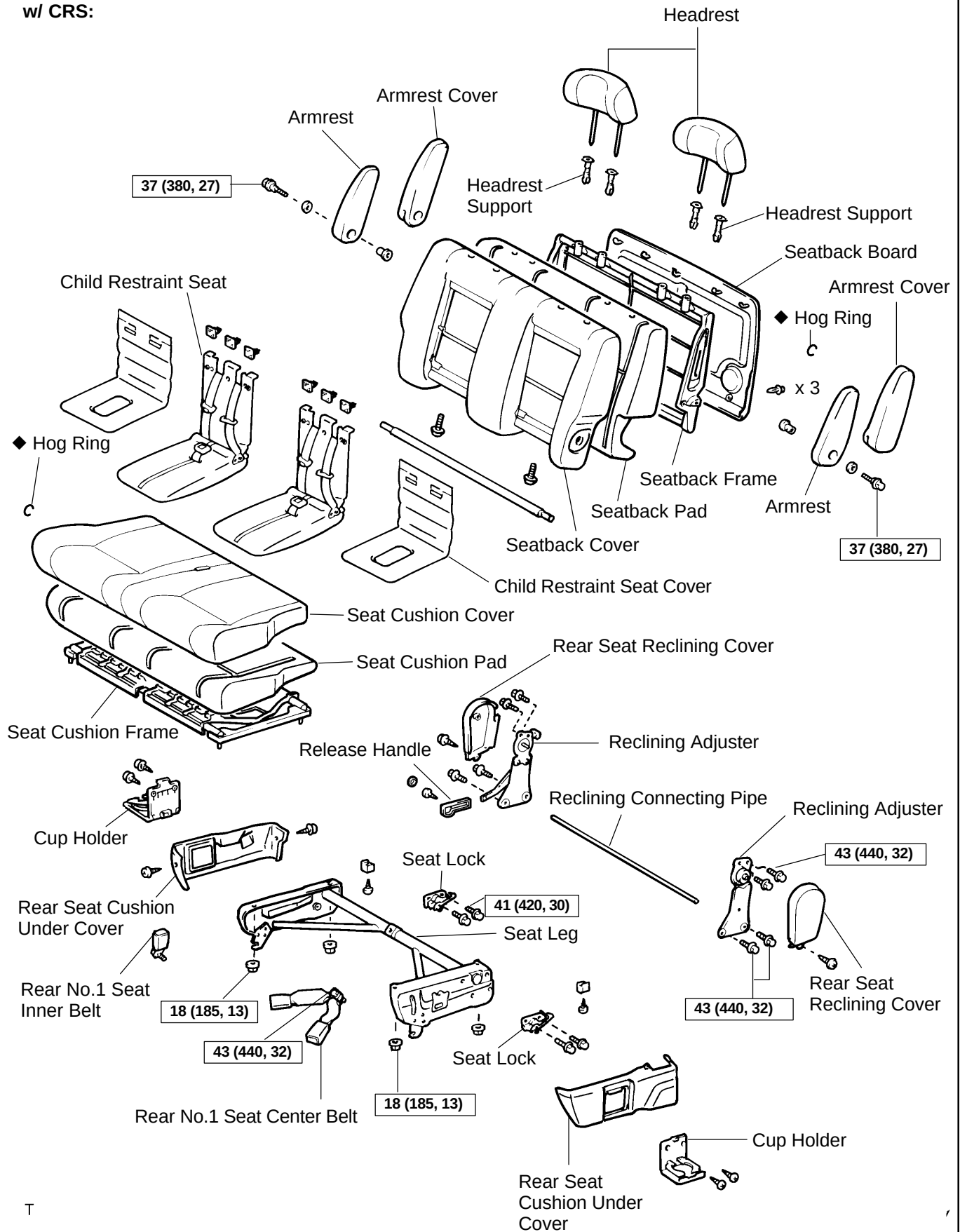
N·m (kgf·cm, ft·lbf) : Specified torque

◆ Non-reusable part

T

H15882

w/ CRS:



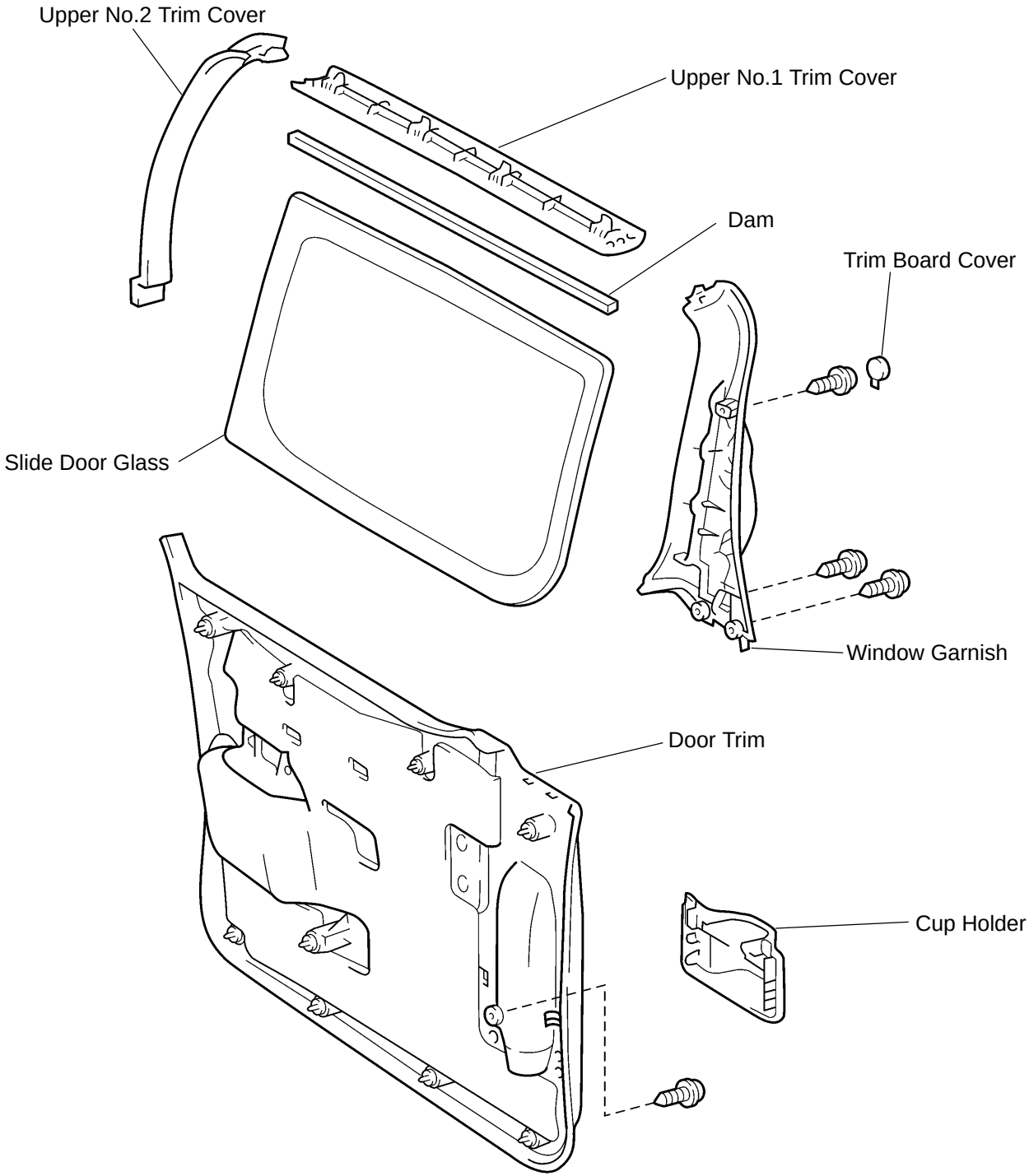
N·m (kgf·cm, ft·lbf): Specified torque

◆ Non-reusable part

H15881

SLIDE DOOR GLASS COMPONENTS

B00SU-02



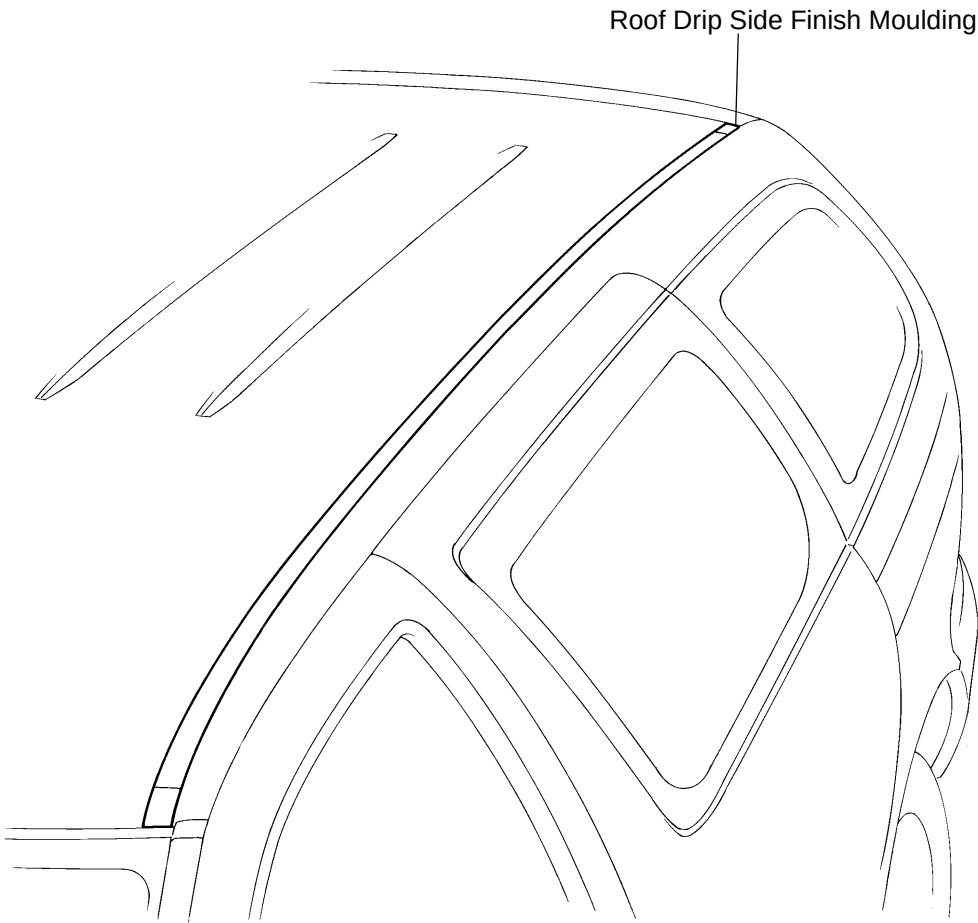
T

◆ Non-reusable part

H07400

**ROOF DRIP SIDE FINISH MOULDING
COMPONENTS**

B00SO-02

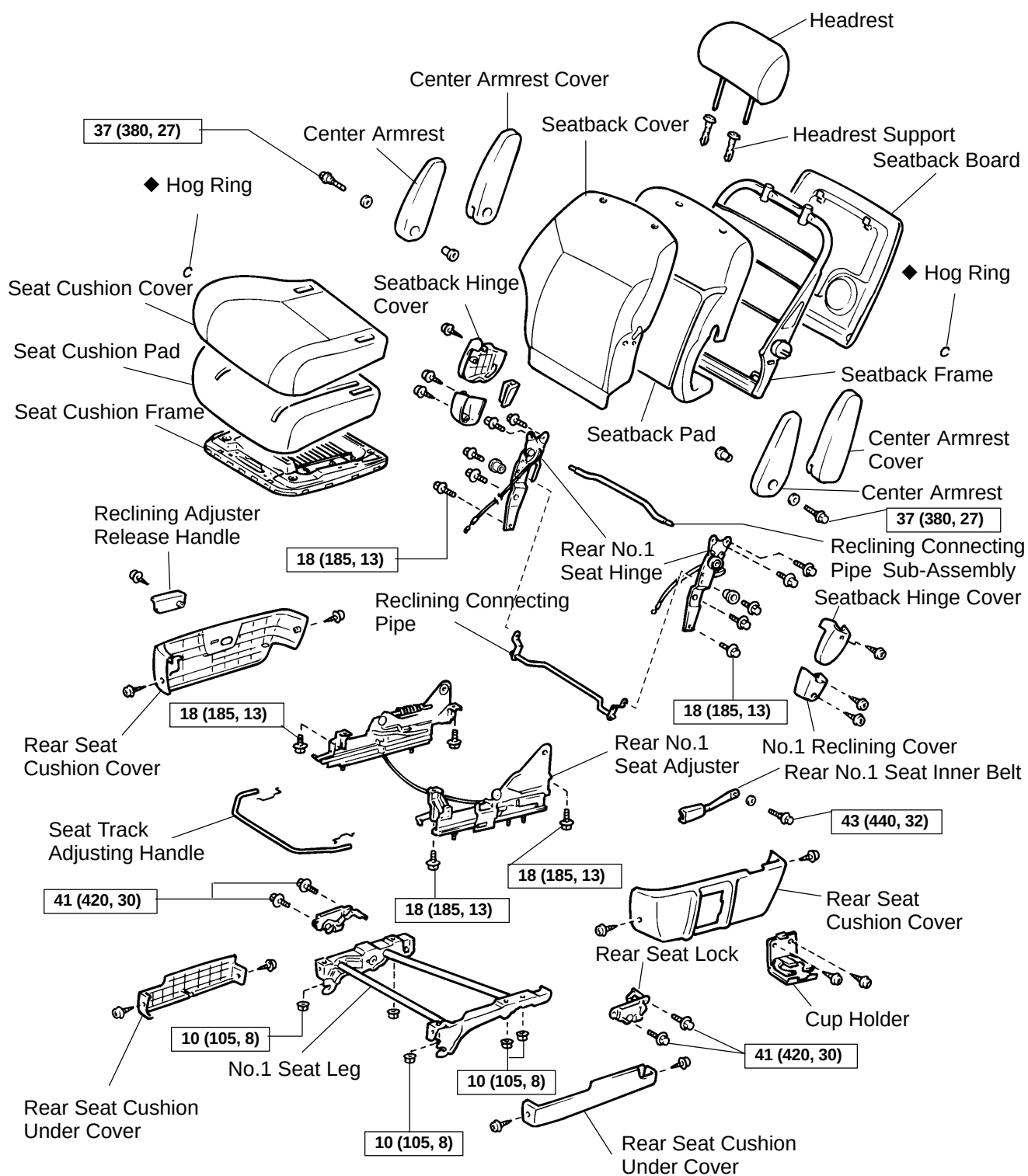


H02657

REAR NO.1 SEAT (Separate Type RH)

COMPONENTS

B00U5-02



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

◆ Non-reusable part

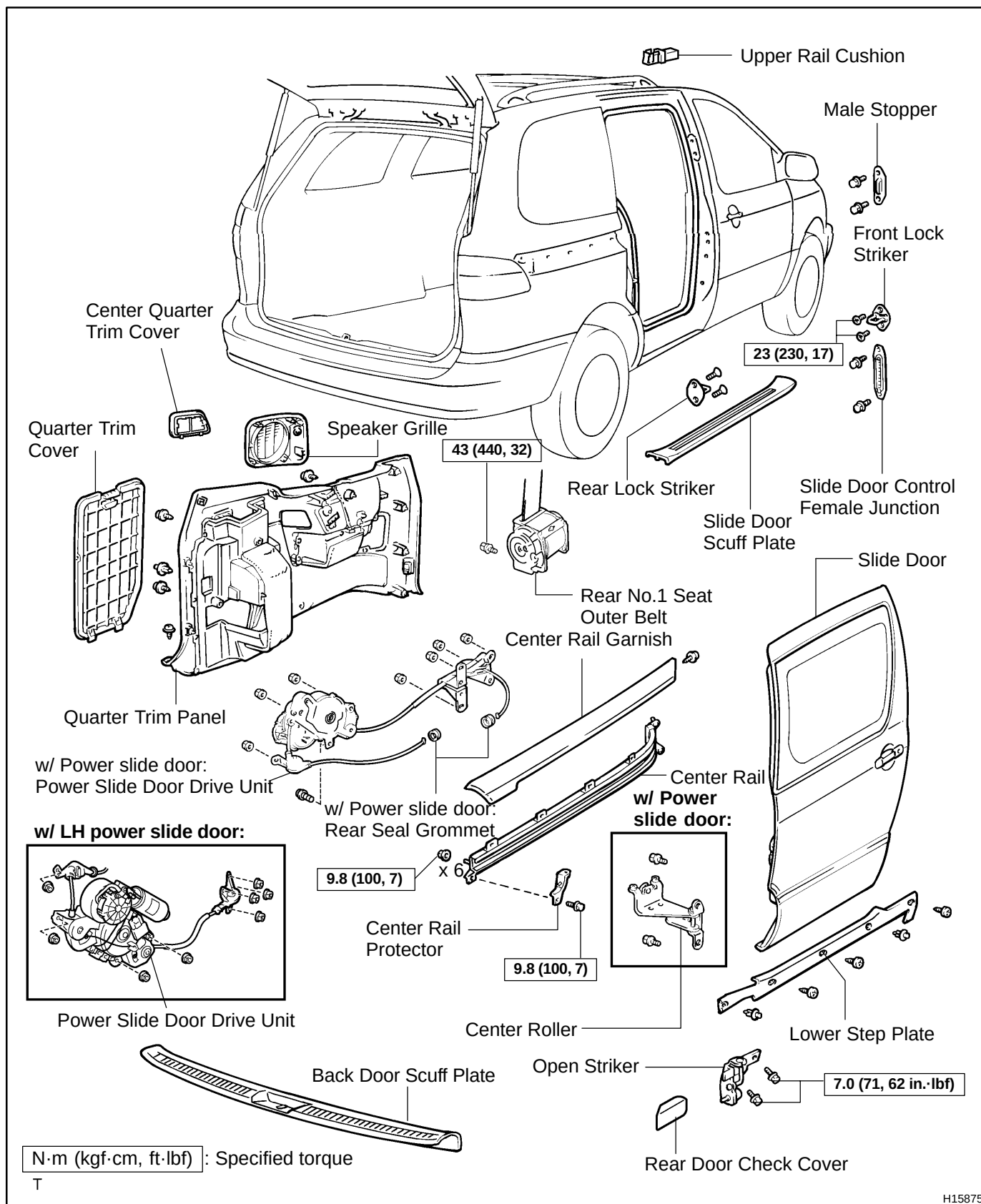
H02424

BO0S0-03

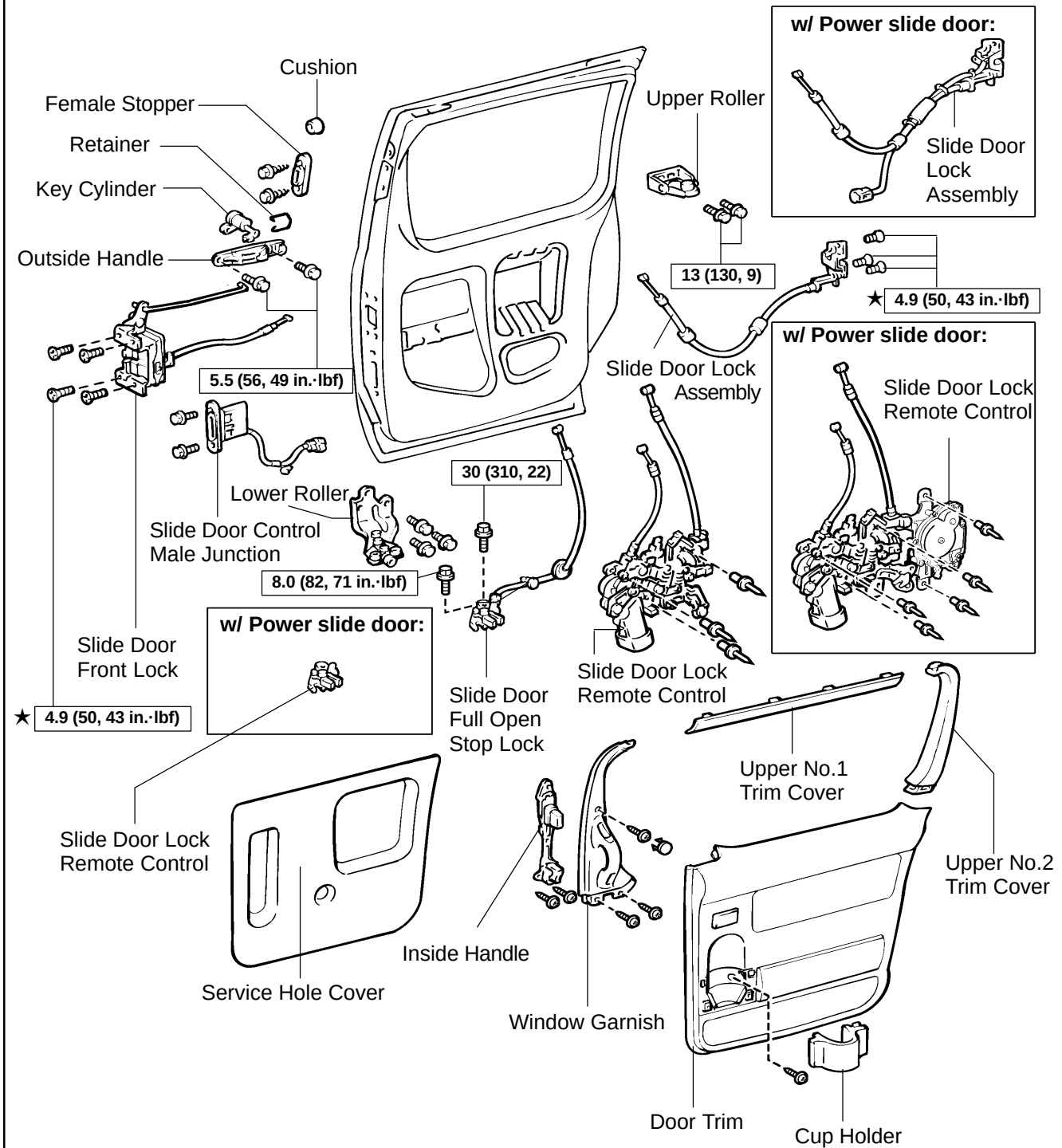


SLIDE DOOR COMPONENTS

B00S3-04



H15875



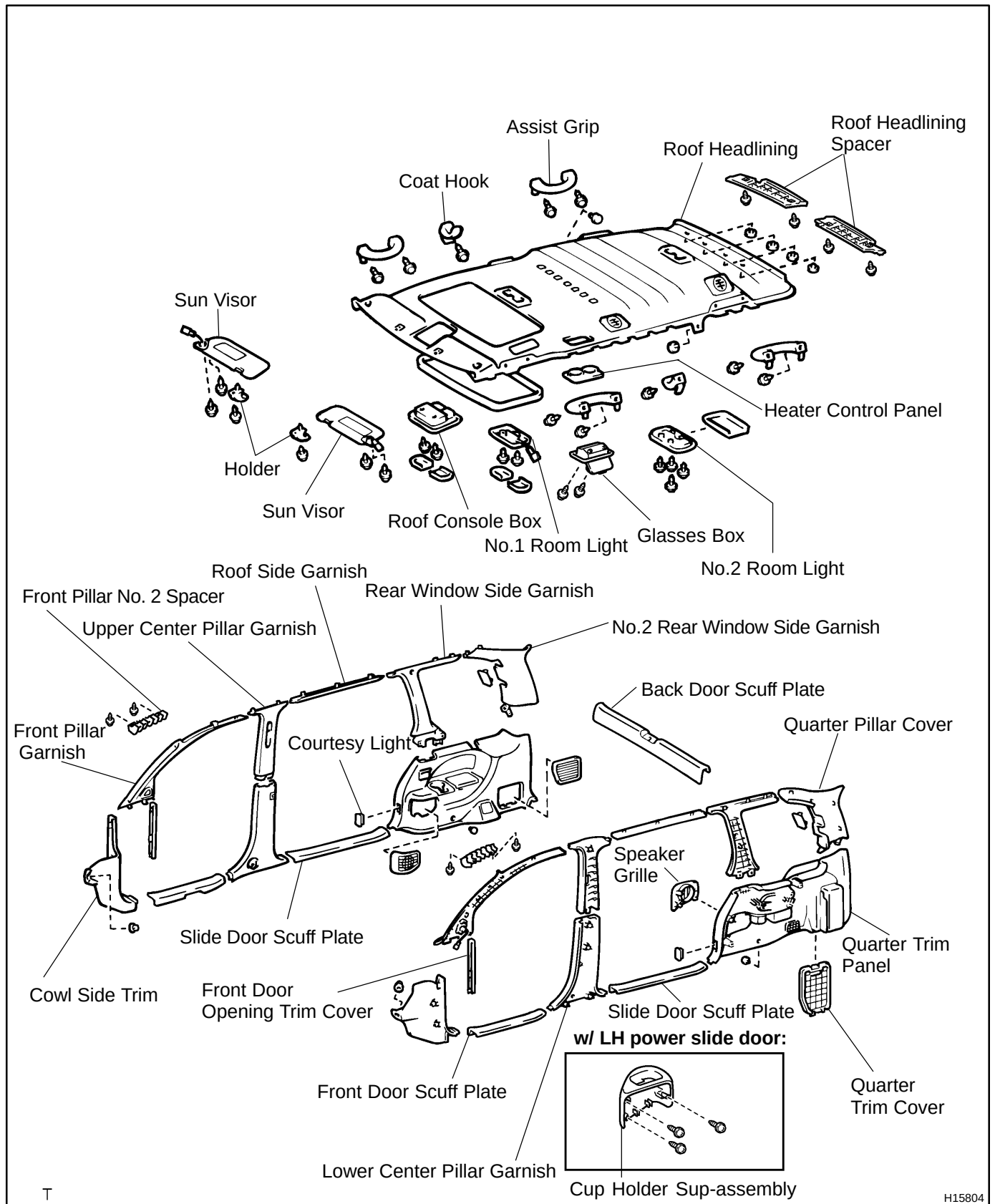
T

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

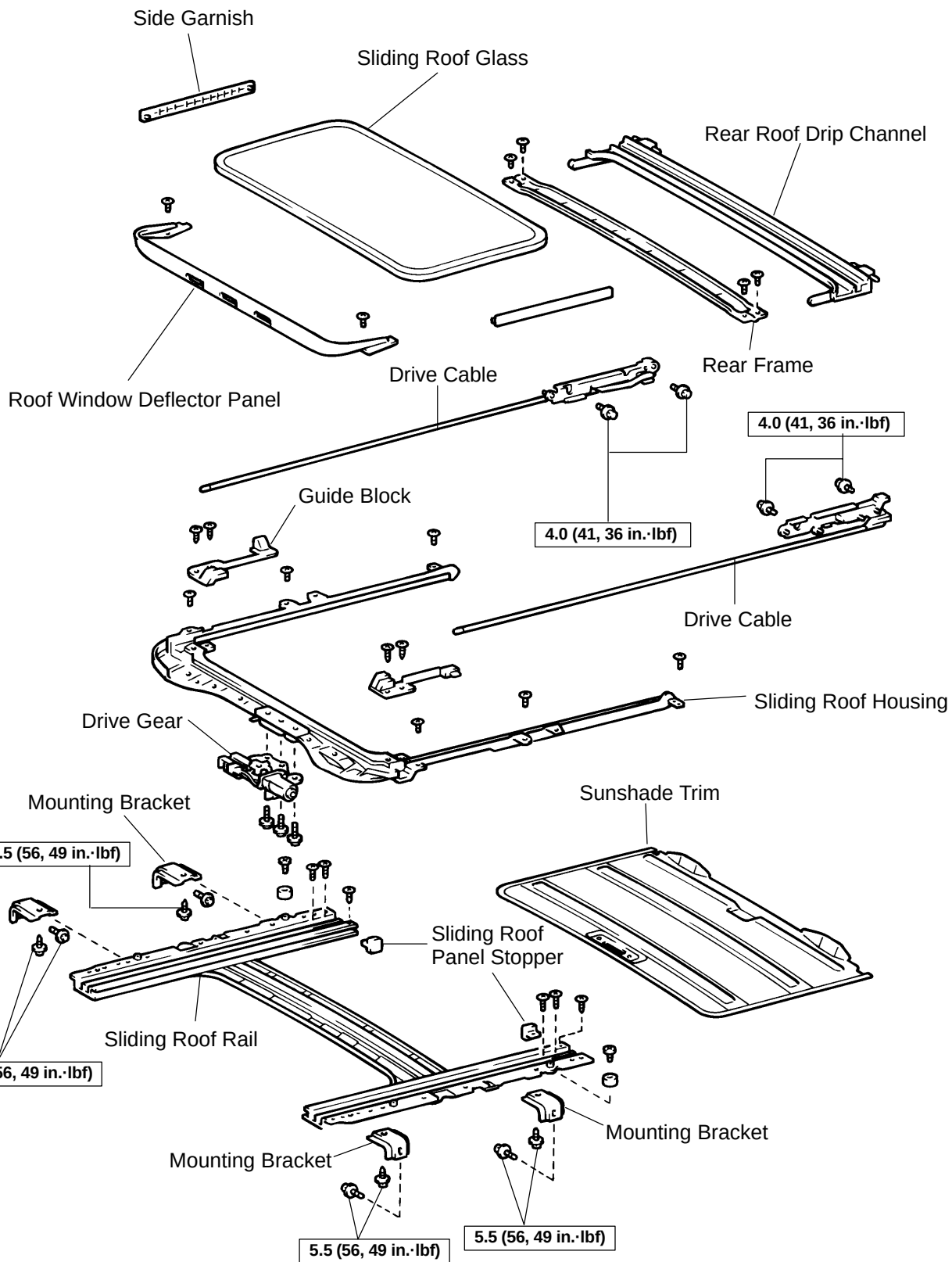
★ Precoated Part

H07337

COMPONENTS



H15804

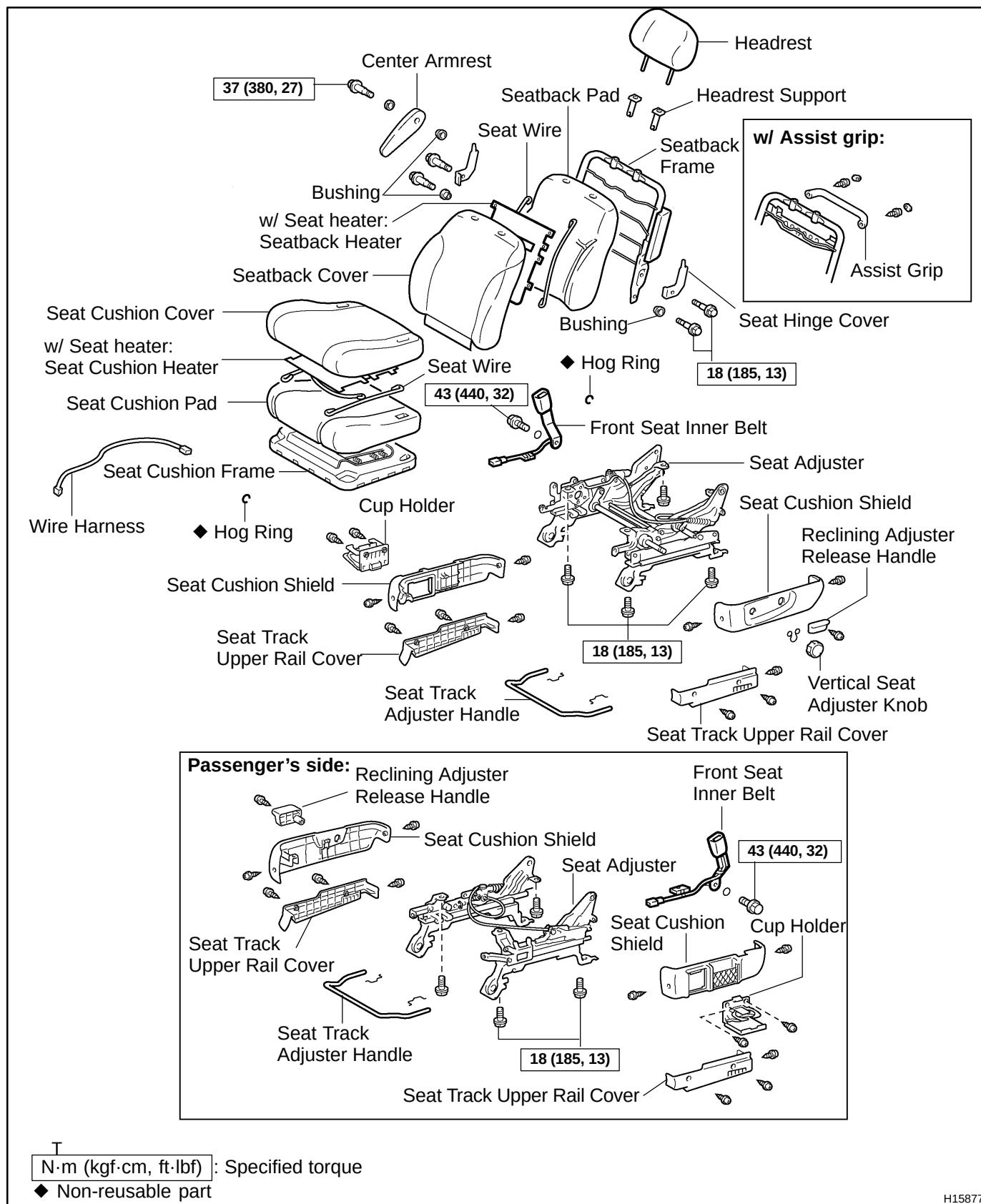


N·m (kgf·cm, ft·lbf) : Specified torque

H02404

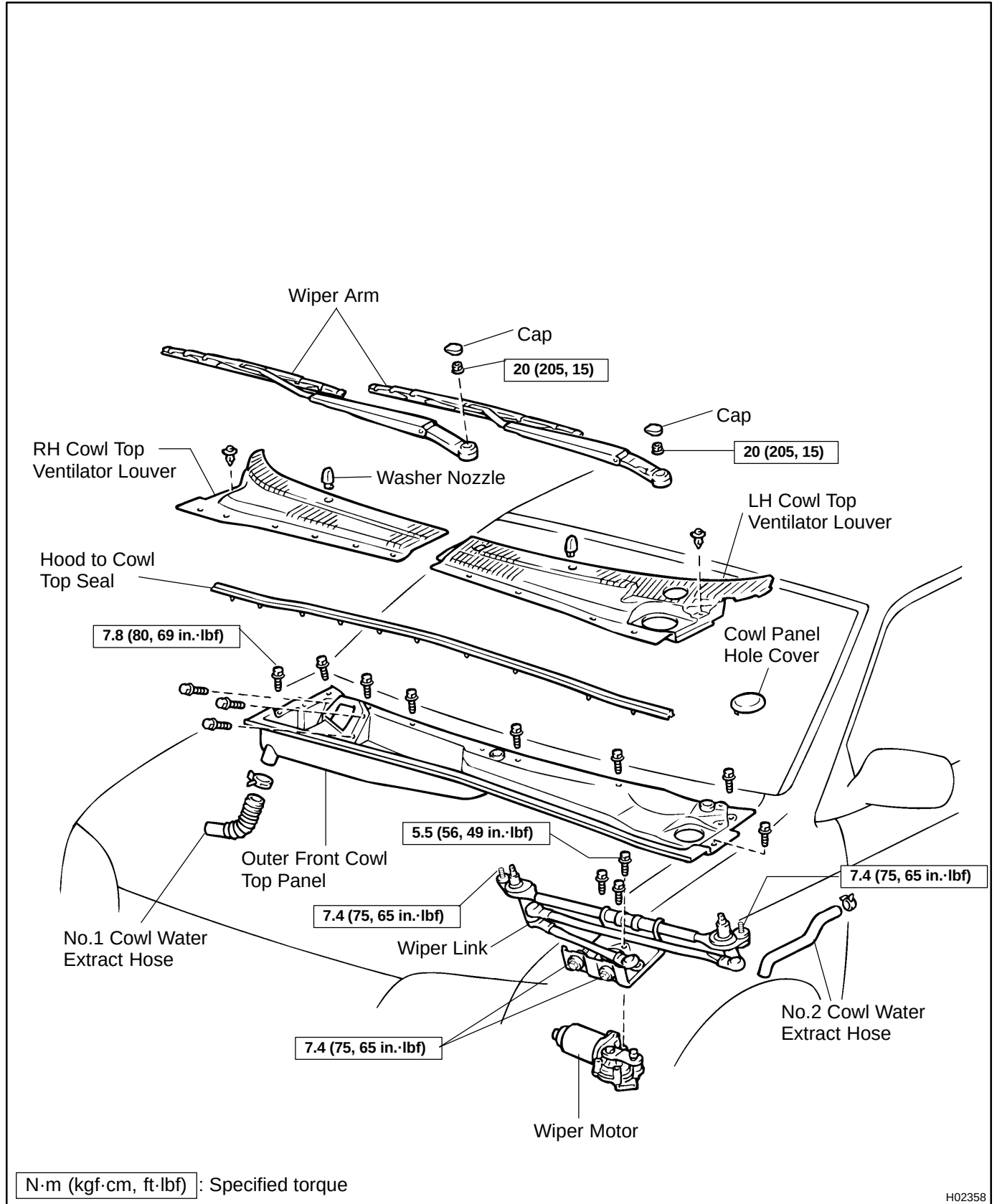
FRONT SEAT (Manual Adjuster Type) COMPONENTS

BO0TW-03



FRONT WIPER AND WASHER COMPONENTS

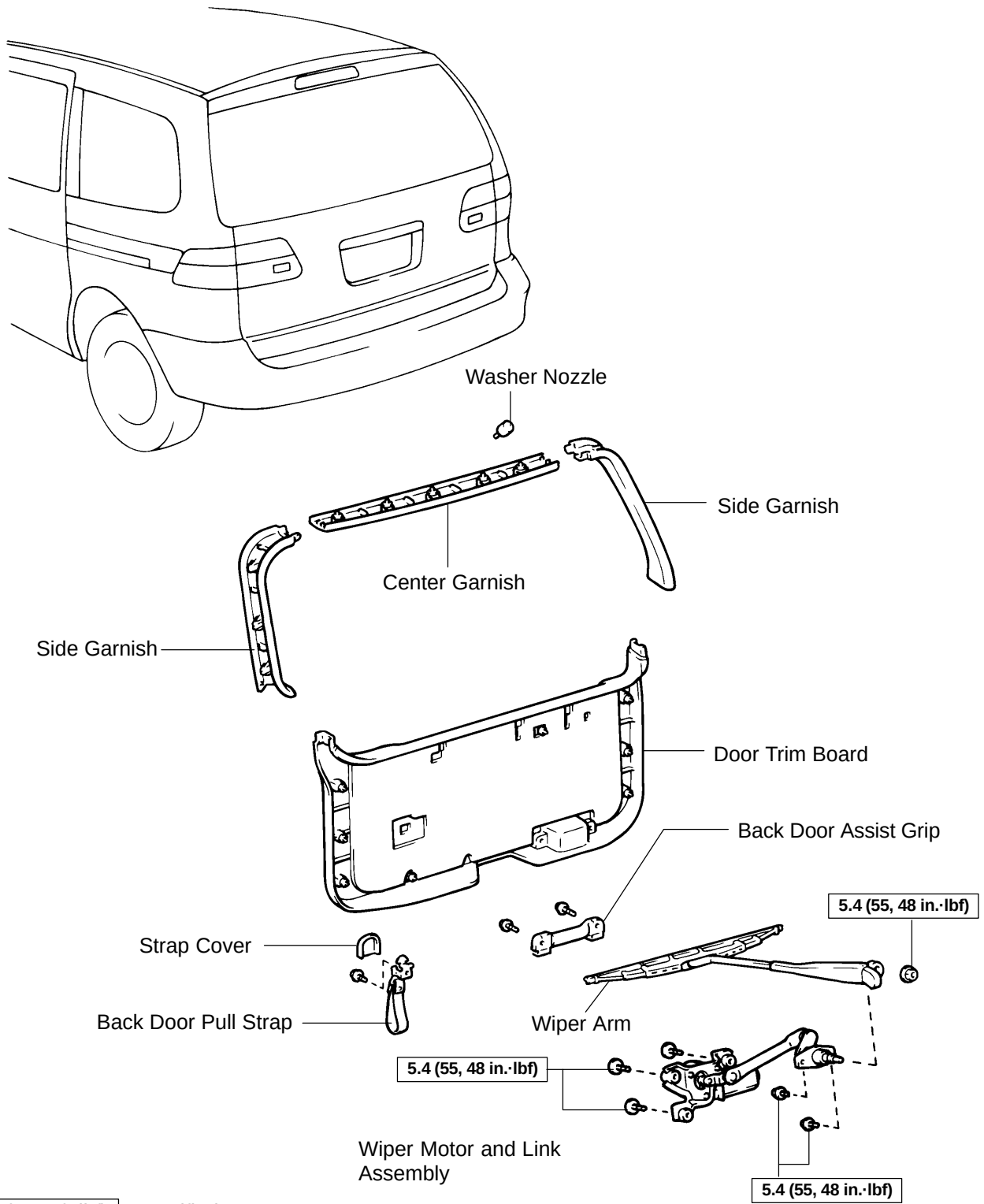
B00SD-02



H02358

REAR WIPER AND WASHER COMPONENTS

BO0SH-02



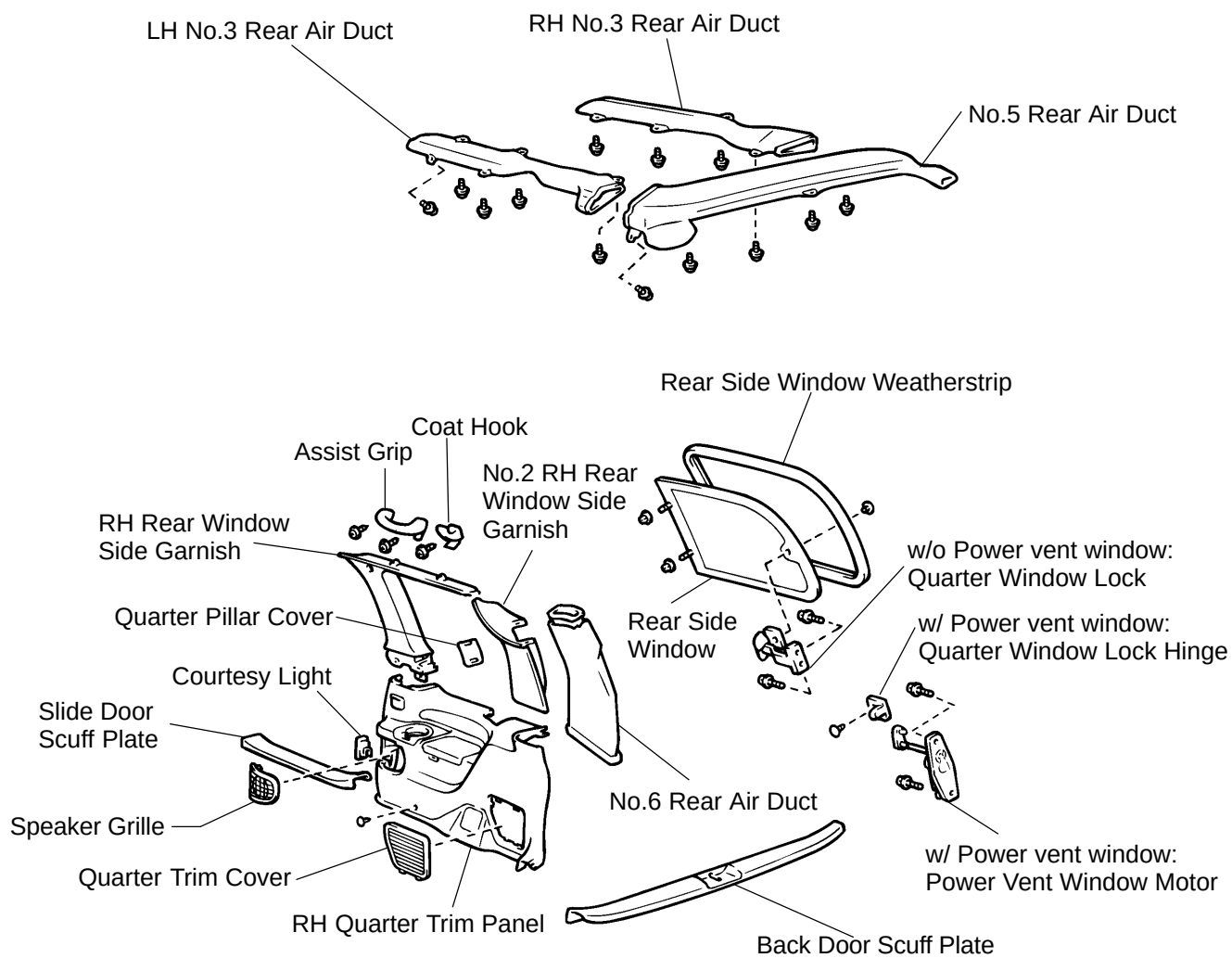
N·m (kgf·cm, ft·lbf) : Specified torque

H02638

REAR SIDE WINDOW GLASS (RH)

COMPONENTS

B00T3-03

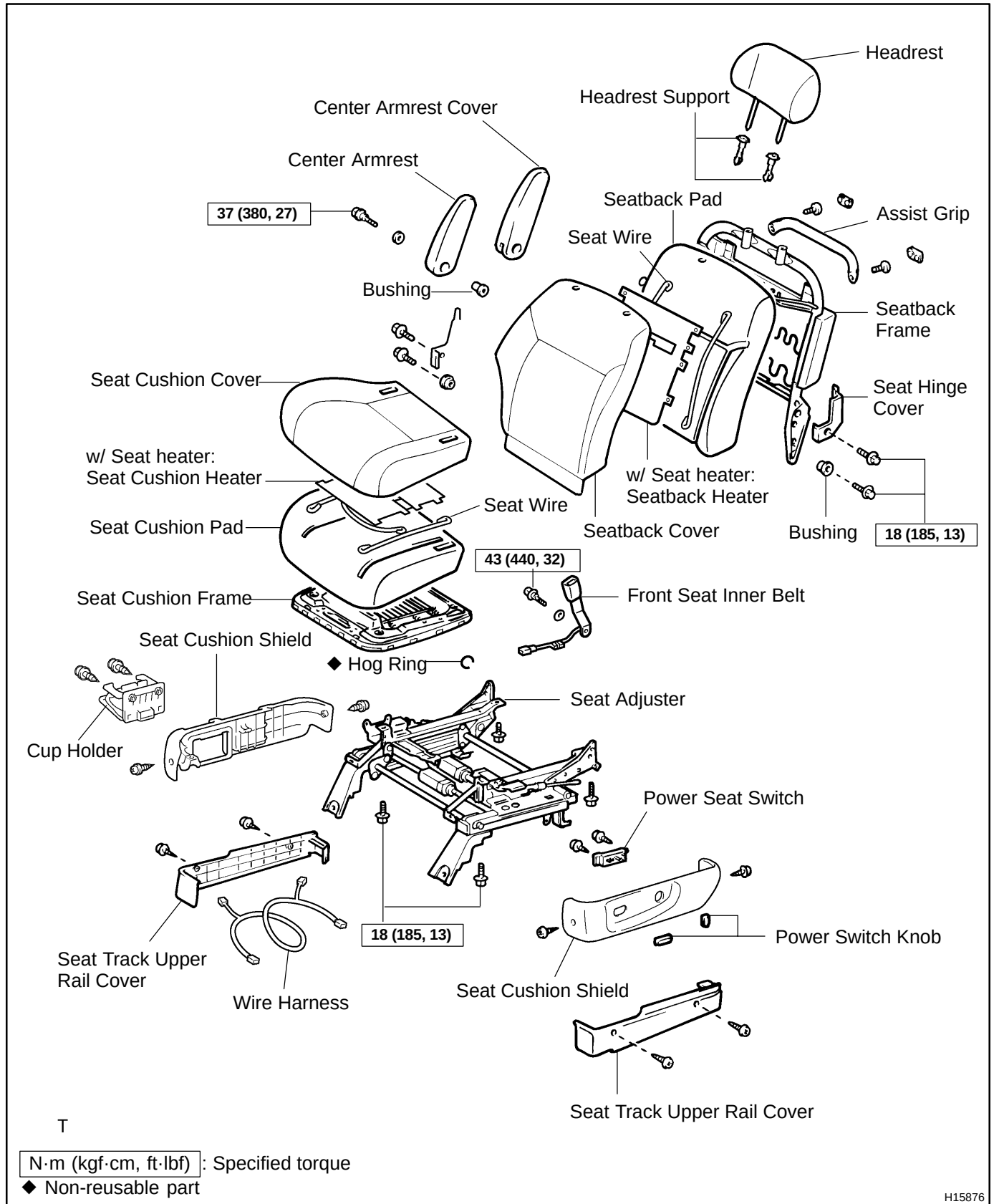


H15911

FRONT SEAT (Power Adjuster Type)

COMPONENTS

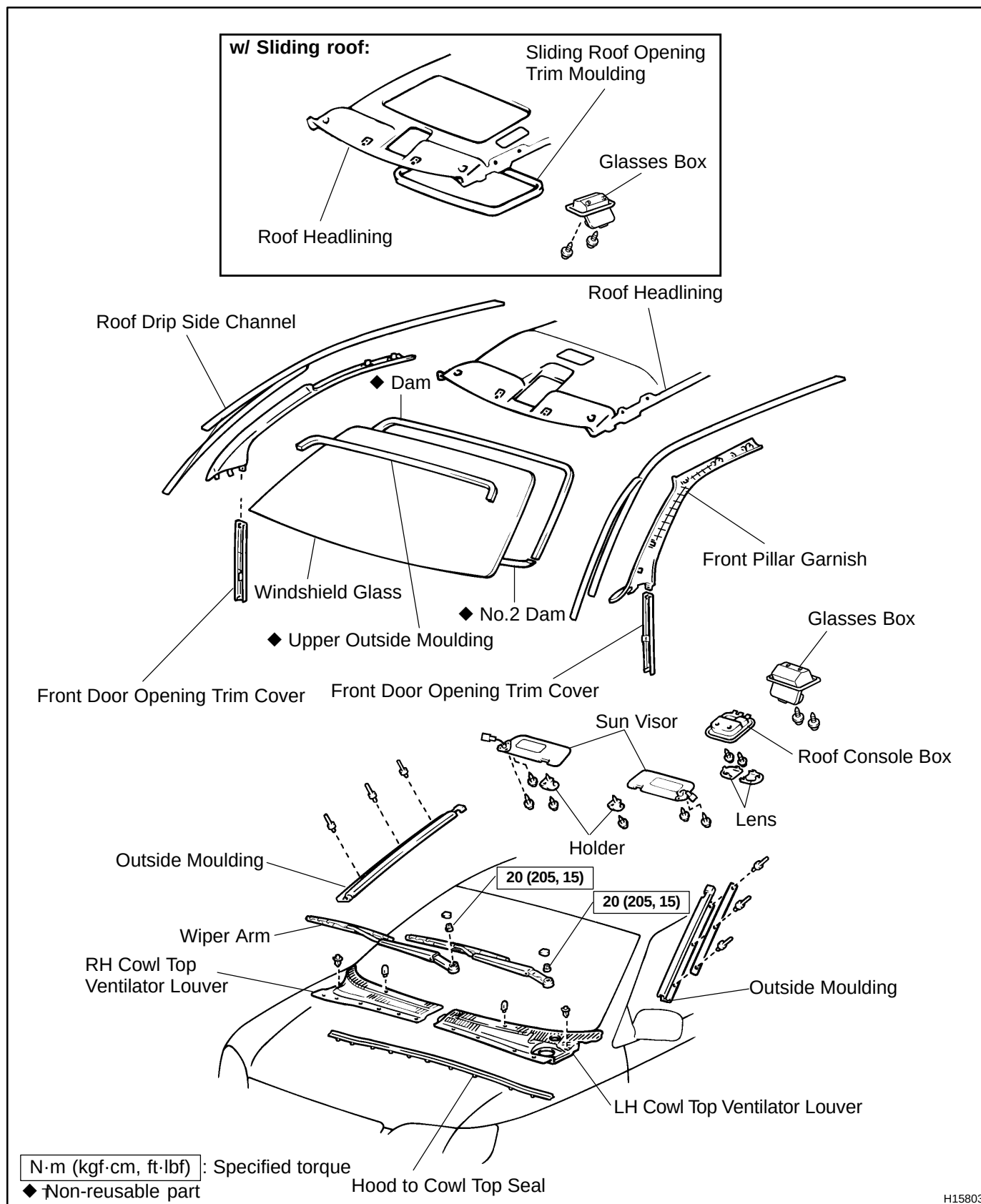
B00TR-03



H15876

WINDSHIELD COMPONENTS

B00SR-03

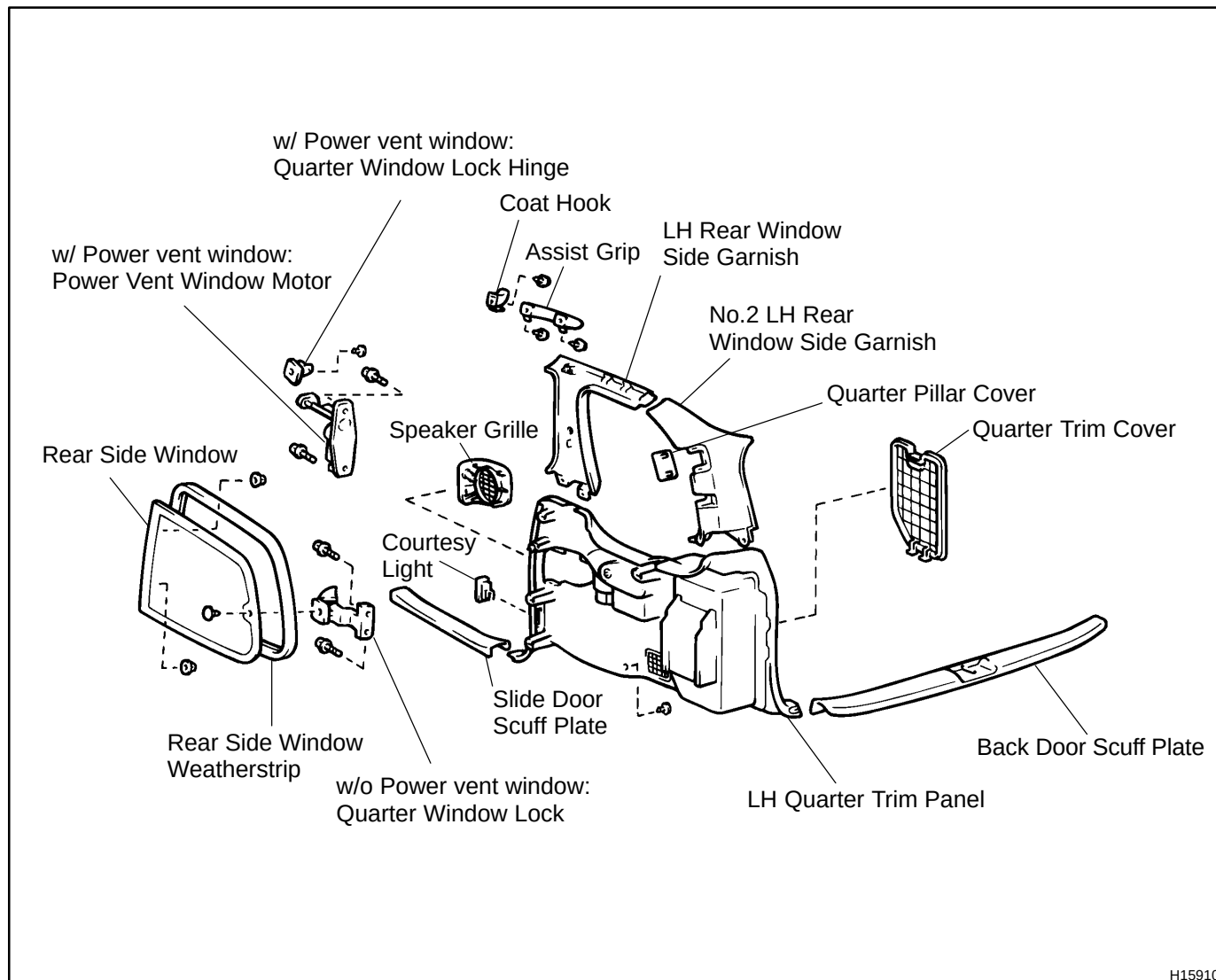


H15803

REAR SIDE WINDOW GLASS (LH)

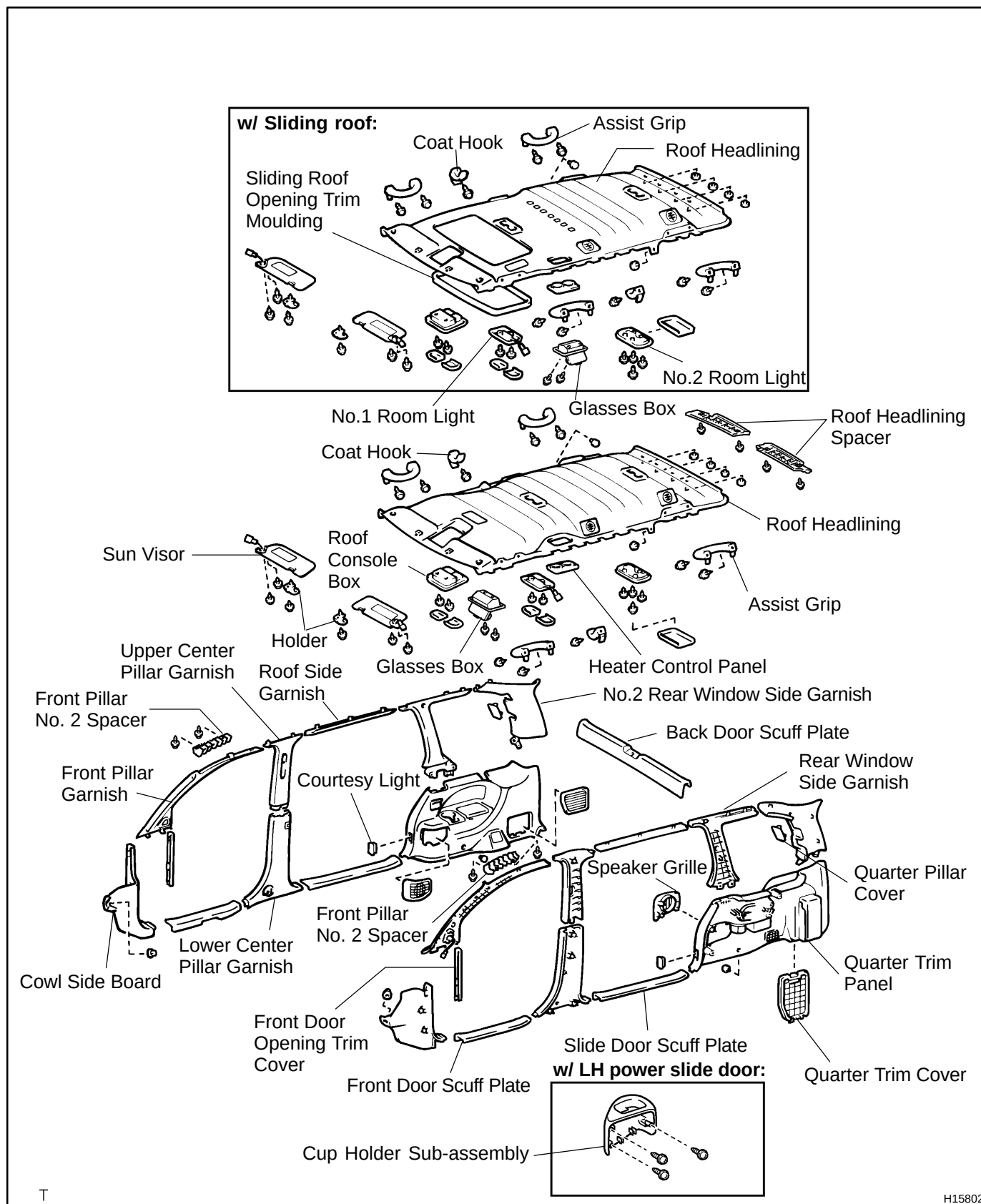
COMPONENTS

B00T0-03



ROOF HEADLINING COMPONENTS

B03Y6-01

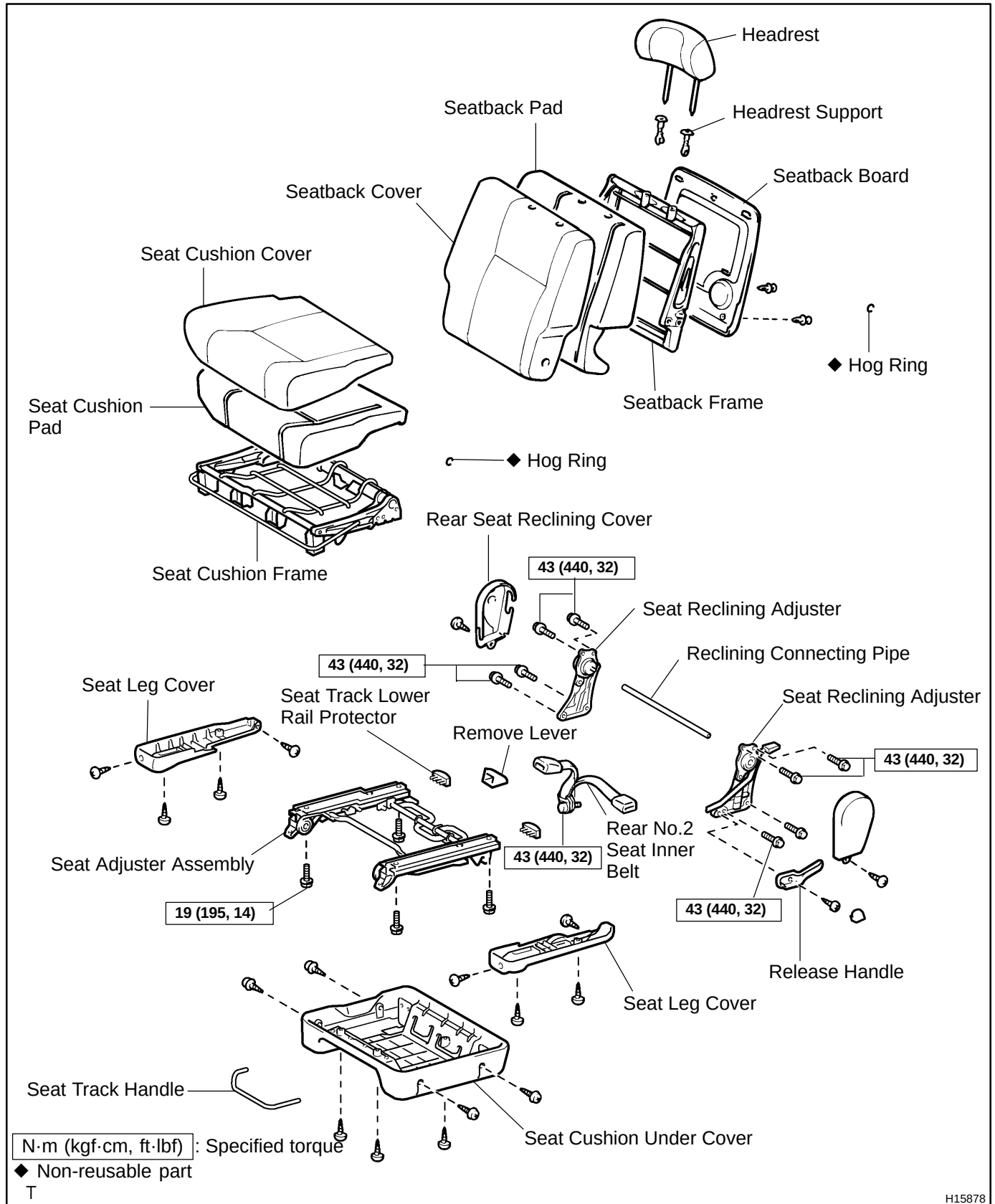


T

H15802

REAR NO.2 SEAT COMPONENTS

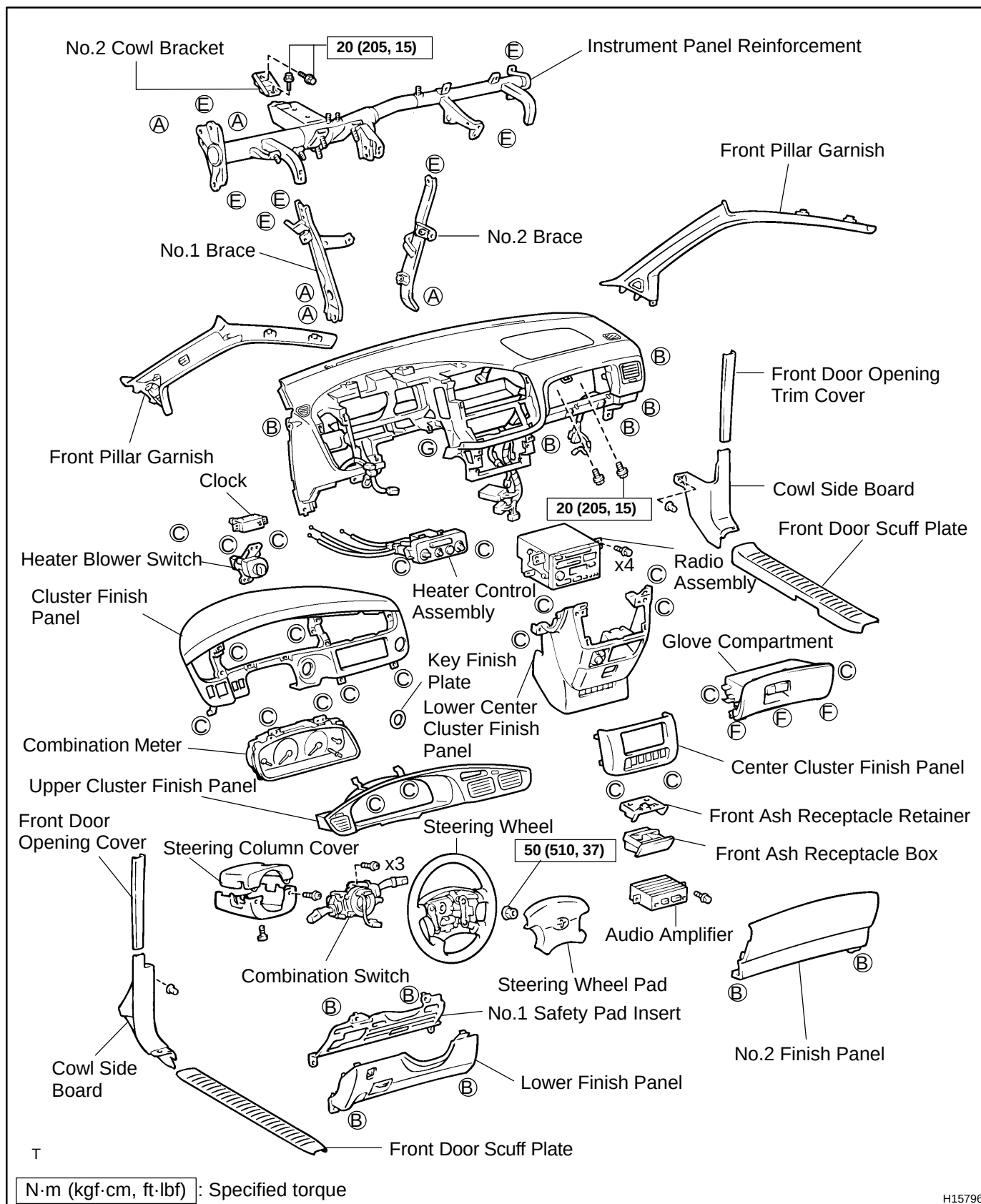
B00UC-03



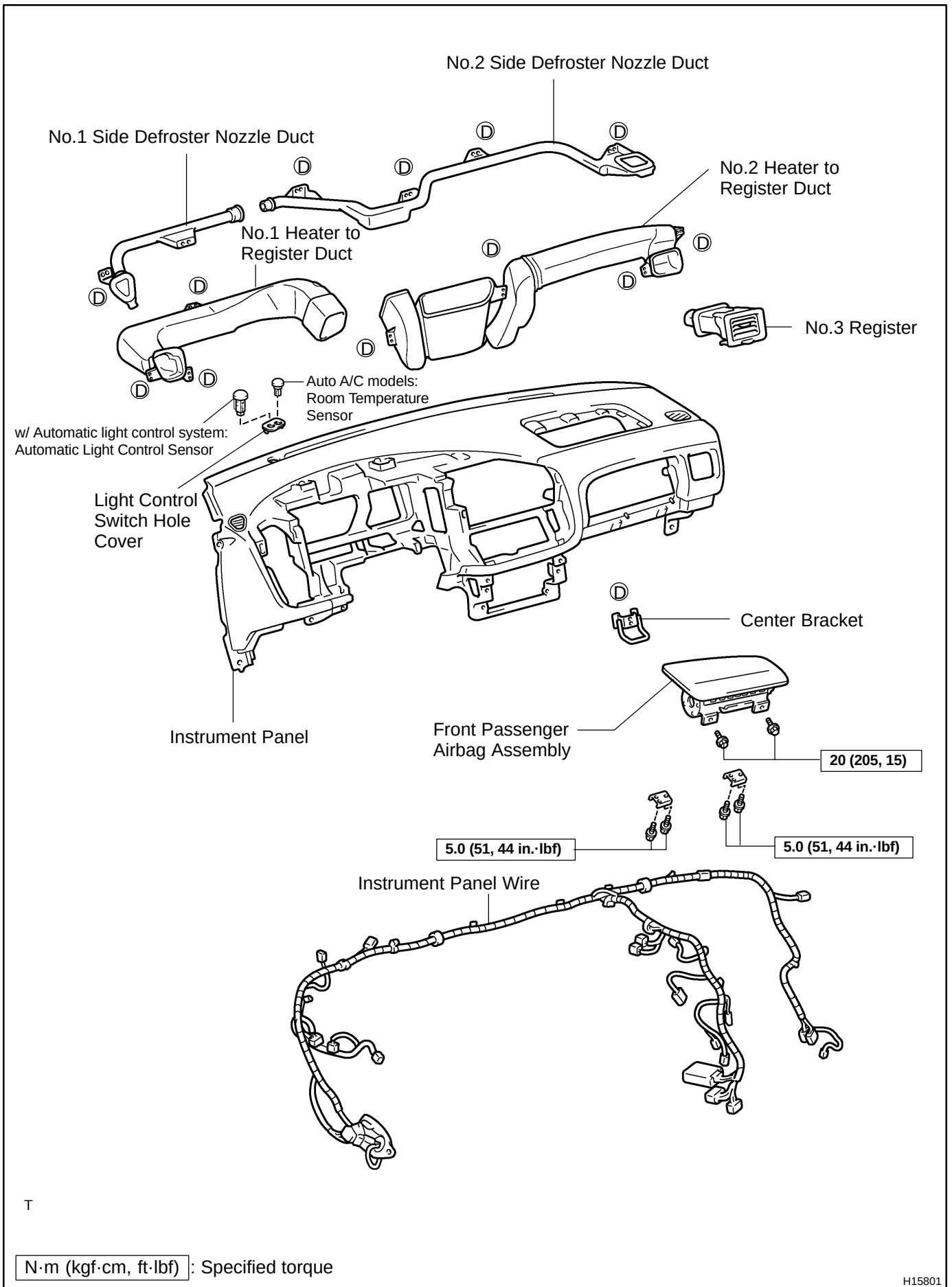
H15878

INSTRUMENT PANEL COMPONENTS

B00TG-05



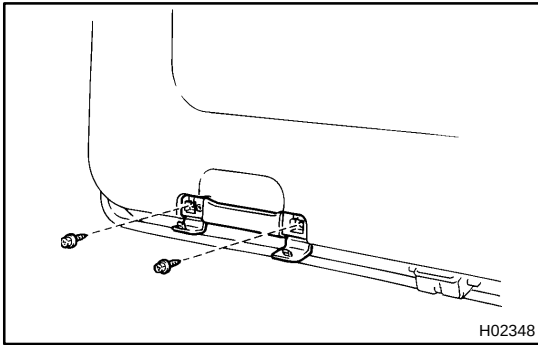
H15796



Screw shapes and sizes are indicated in the table below. The codes ("A" - "G") correspond to those indicated on the previous page.

mm (in.)

H11104



DISASSEMBLY

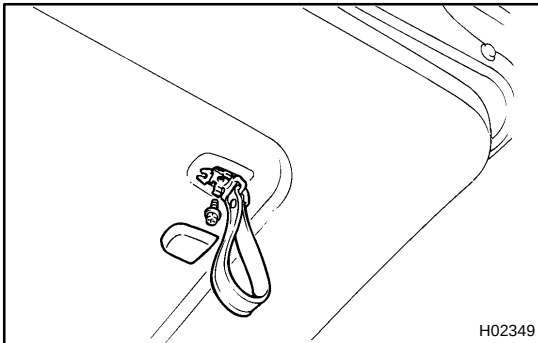
1. REMOVE BACK DOOR ASSIST GRIP

- (a) Using a screwdriver, open the covers.

HINT:

Tape the screwdriver tip before use.

- (b) Remove the 2 screws and assist grip.



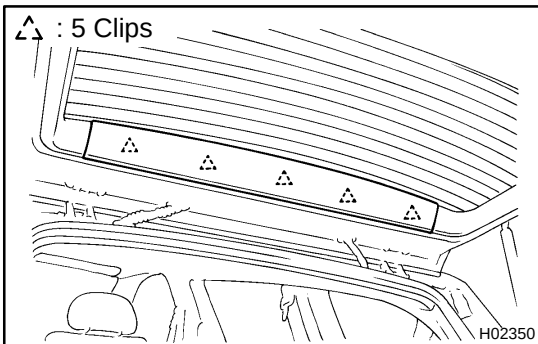
2. REMOVE BACK DOOR PULL STRAP

- (a) Using a screwdriver, remove the strap cover.

HINT:

Tape the screwdriver tip before use.

- (b) Remove the screw and pull strap.

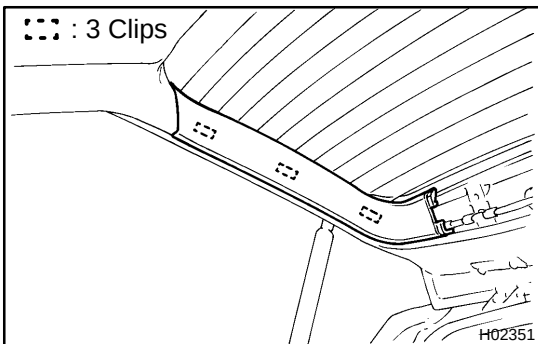


3. REMOVE CENTER GARNISH

Using a screwdriver, remove the center garnish.

HINT:

Tape the screwdriver tip before use.



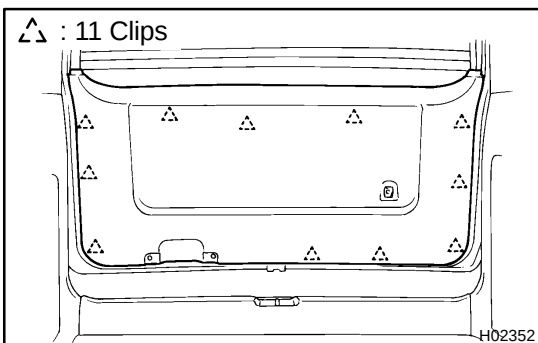
4. REMOVE SIDE GARNISH

- (a) Using a screwdriver, remove the side garnish.

HINT:

Tape the screwdriver tip before use.

- (b) Employ the same manner described above to the other side.



5. REMOVE DOOR TRIM BOARD

- (a) Insert a screwdriver between the door and door trim board to pry the door trim board out.

NOTICE:

Be careful not to damage the door and door trim board.

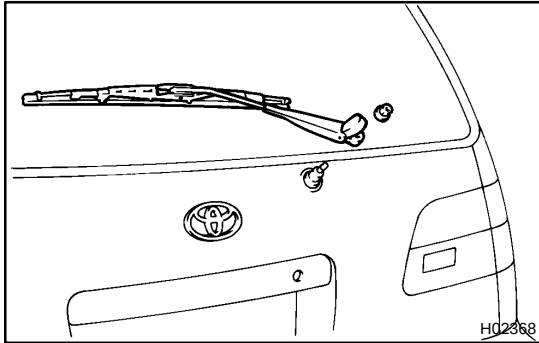
HINT:

Tape the screwdriver tip before use.

- (b) Pull the door trim board to remove it.

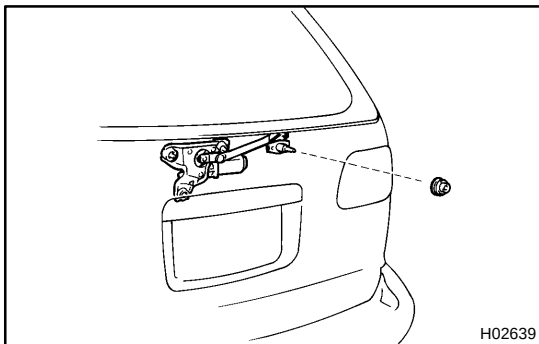
6. REMOVE HIGH-MOUNTED STOP LIGHT

- (a) Remove the 2 screws.
- (b) Disconnect the connector.
- (c) Remove the high-mounted stop light.

7. REMOVE WASHER NOZZLE**8. REMOVE REAR WIPER ARM**

Remove the nut, rear wiper arm.

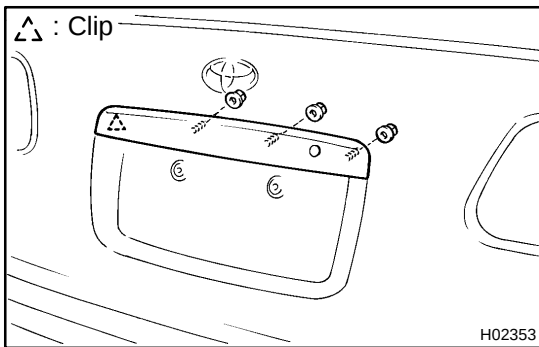
Torque: 5.4 N·m (55 kgf·cm, 48 in.·lbf)

**9. REMOVE WIPER MOTOR AND LINK ASSEMBLY**

- (a) Remove the 3 bolts from the wiper motor.
- (b) Remove the 2 bolts and wiper motor and link assembly.

Torque: 5.4 N·m (55 kgf·cm, 48 in.·lbf)

- (c) Remove the grommet.

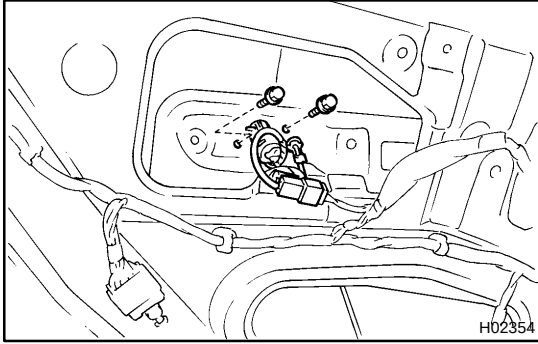
10. REMOVE COMBINATION LIGHTS**11. REMOVE LICENSE PLATE LIGHT ASSEMBLY**

- (a) Disconnect the back door control cable from the handle lever.
- (b) Disconnect the connector.
- (c) Remove the 3 nuts.
- (d) Using a screwdriver, remove the license plate light assembly.

HINT:

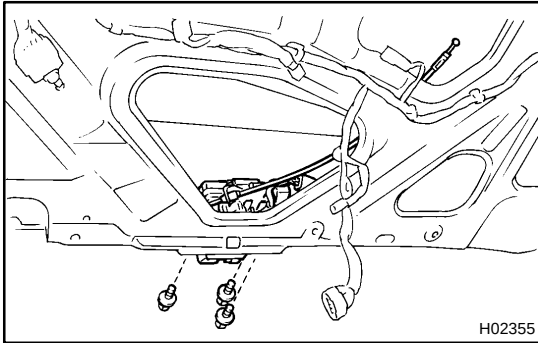
Tape the screwdriver tip before use.

- (e) Remove the handle lever from the license plate light cover.
- (f) Remove the license plate light assembly from the license plate light cover.

**12. REMOVE KEY CYLINDER**

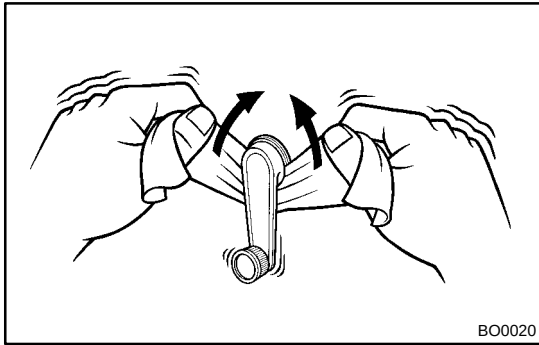
- (a) Disconnect the back door lock locking link from the key cylinder.
- (b) Disconnect the connector.
- (c) Remove the 2 bolts and key cylinder.

Torque: 5.5 N·m (56 kgf·cm, 49 in.·lbf)

**13. REMOVE BACK DOOR LOCK**

- (a) Disconnect the connectors.
- (b) Remove the 3 bolts and door lock.

Torque: 7.8 N·m (80 kgf·cm, 69 in.·lbf)

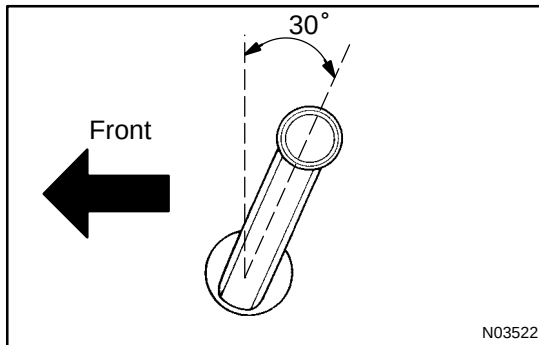


DISASSEMBLY

1. w/o Power window:

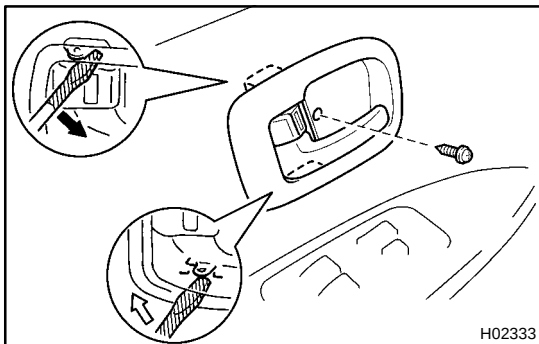
REMOVE REGULATOR HANDLE

Pull off the snap ring with a shop rag and remove the regulator handle and plate.



HINT:

At the time of reassembly, please refer to the following item. With door window fully closed, install the plate and regulator handle with the snap ring, as shown in the illustration.

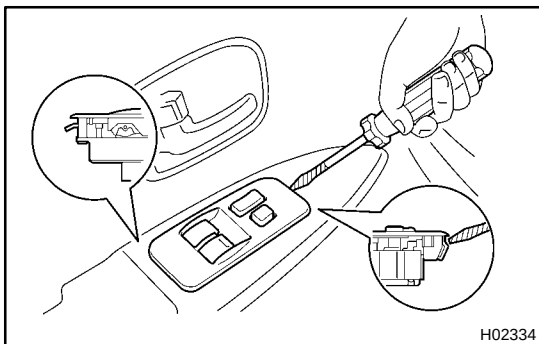


2. REMOVE INSIDE HANDLE BEZEL

- Remove the screw.
- Using a screwdriver, remove the inside handle bezel as shown in the illustration.

HINT:

Tape the screwdriver tip before use.



3. w/ Power window:

REMOVE POWER WINDOW SWITCH

- Using a screwdriver, remove the power window switch.

HINT:

Tape the screwdriver tip before use.

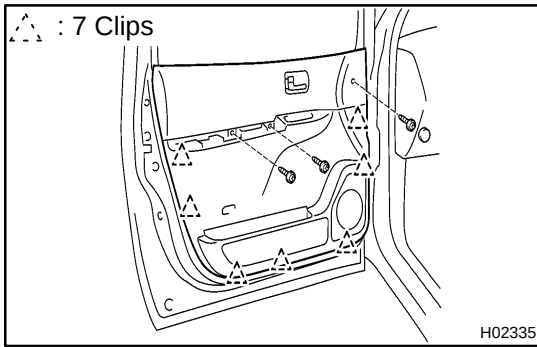
- Disconnect the connector.

4. REMOVE ARMREST

5. REMOVE COURTESY LIGHT

6. w/o Power window:

REMOVE UPPER ARMREST BASE PANEL

**7. REMOVE DOOR TRIM**

- (a) Remove the cap and screw.
- (b) Remove the 2 screws.
- (c) Insert a screwdriver between the door and door trim to pry the trim out.

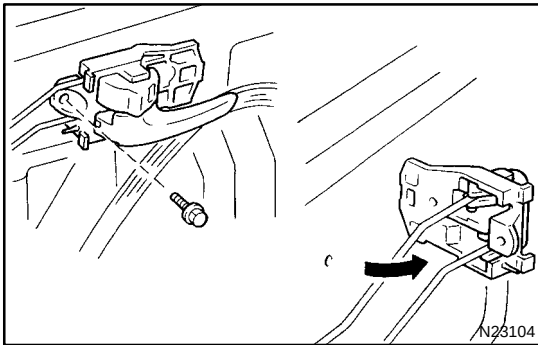
NOTICE:

Be careful not to damage the door and door trim.

HINT:

Tape the screwdriver tip before use.

- (d) Pull the trim upward to remove it.
- (e) Remove the inner weatherstrip from the door trim.

**8. REMOVE INSIDE HANDLE**

- (a) Remove the screw.
- (b) Disconnect the 2 control links from the inside handle as shown in the illustration.

9. REMOVE SERVICE HOLE COVER

Remove the 2 grommets and cover.

NOTICE:

At the time of reassembly, please refer to the following item.

Do not block the trim clip sealing with the service hole cover.

HINT:

At the time of reassembly, please refer to the following item. Bring out the connector and 2 links through the service hole cover.

10. REMOVE OUTSIDE REAR VIEW MIRROR

- (a) w/ Power remote control mirror:
Disconnect the connector, then remove the clamp.
- (b) Remove the 3 bolts and mirror.

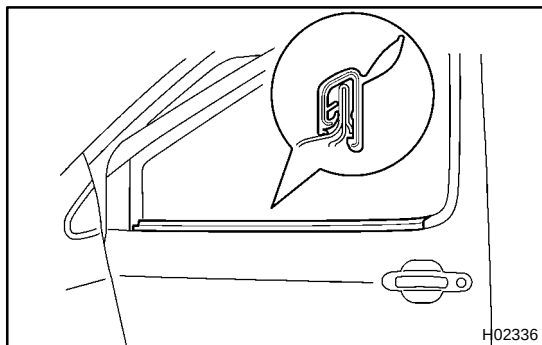
Torque: 7.8 N·m (80 kgf·cm, 69 in·lbf)

11. REMOVE SPEAKER

- (a) Remove the 3 screws.
- (b) Disconnect the connector.
- (c) Remove the speaker.

12. REMOVE DOOR GLASS

- (a) Remove the 2 bolts.
Torque: 5.4 N·m (55 kgf·cm, 48 in·lbf)
- (b) Remove the door glass.

**13. REMOVE OUTER WEATHERSTRIP**

Using a scraper, remove the outer weatherstrip as shown in the illustration.

HINT:

Tape the scraper tip before use.

14. REMOVE DOOR GLASS RUN**15. REMOVE LOWER FRAME****16. REMOVE WINDOW REGULATOR**

(a) w/ Power window:

Disconnect the connector.

(b) w/ Power window:

Remove the 6 bolts and window regulator.

Torque: 5.4 N·m (55 kgf·cm, 48 in.·lbf)

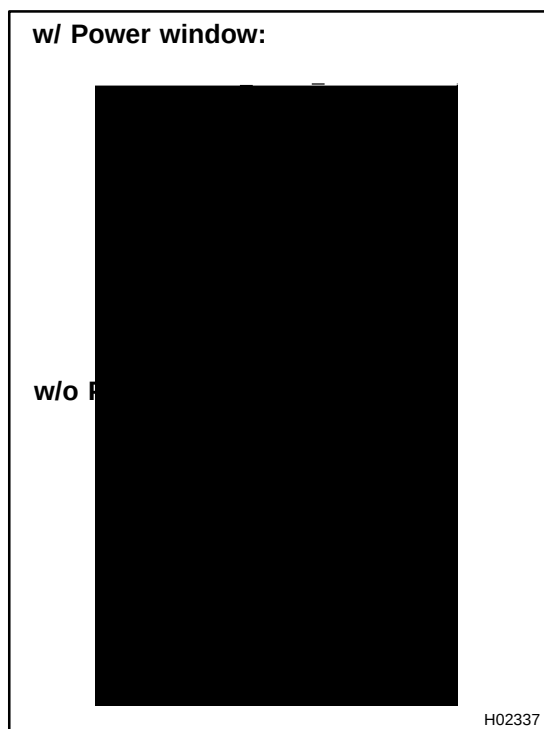
(c) w/o Power window:

Remove the 5 bolts, nut and window regulator.

Torque: 5.4 N·m (55 kgf·cm, 48 in.·lbf)

HINT:

Remove the regulator through the service hole.



HINT:

At the time of reassembly, please refer to the following item.
Apply MP grease to the window regulator.

NOTICE:

At the time of reassembly, please refer to the following item.

Do not apply grease to the spring of the window regulator.

17. w/ Power window (driver's side):**REMOVE WINDOW REGULATOR MOTOR**

(a) Place matchmarks on the window regulator motor bracket and regulator gear.

(b) Using a torx wrench, remove the 3 screws and motor.

HINT:

At the time of reassembly, please refer to the following item.
Align the matchmarks on the regulator motor bracket and regulator gear.

NOTICE:

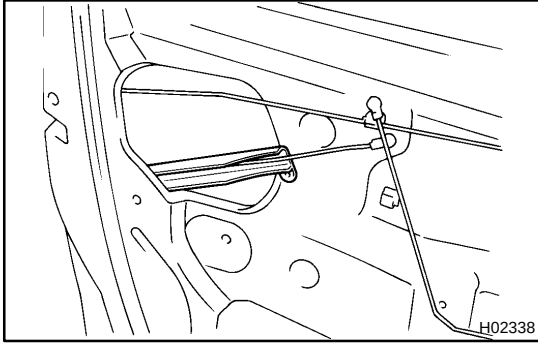
If having rotated the motor only, reset the motor (See page BE-65).

HINT:

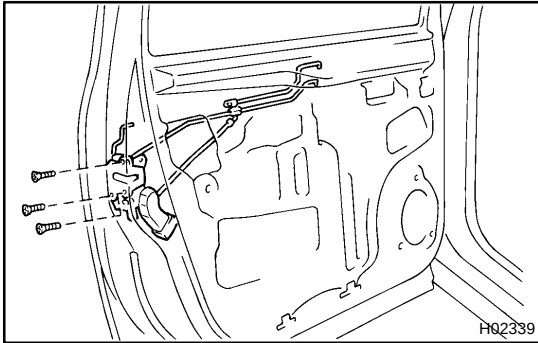
Never rotate the motor to the down direction until the complete of the window glass installation.

18. w/ Power window (passenger's side):**REMOVE WINDOW REGULATOR MOTOR**

Using a torx wrench, remove the 3 screws and motor.

**19. REMOVE DOOR LOCK**

- (a) Remove the inside locking link protector.
- (b) Disconnect the inside handle opening link.
- (c) Using a clip remover, remove the bellcrank and clamp.



- (d) Disconnect the locking link assembly.
- (e) w/ Power door lock:
Disconnect the connector.
- (f) Disconnect the 2 links from outside handle and door lock cylinder.
- (g) Using a torx wrench, remove the 3 screws and door lock.

Torx wrench: T30 (Part No. 09042-00010 or locally manufactured tool)

Torque: 4.9 N·m (50 kgf·cm, 43 in·lbf)

HINT:

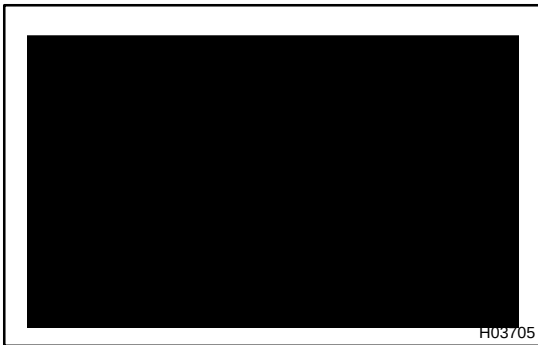
Remove the door lock through the service hole.

HINT:

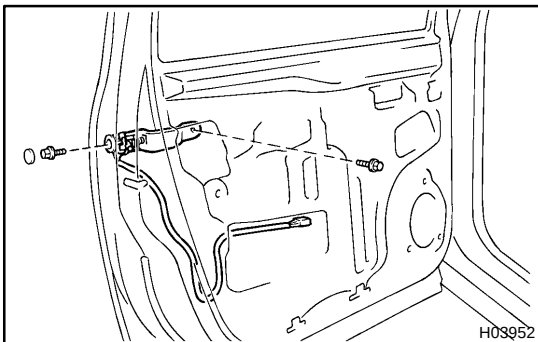
At the time of reassembly, please refer to the following items.

- Apply adhesive to 3 screws.

Part No. 08833-00070, THREE BOND 1324 or equivalent



- Apply MP grease to the sliding and rotating parts of the door lock.

**20. REMOVE OUTSIDE HANDLE WITH DOOR LOCK CYLINDER**

- (a) Disconnect the connector, then remove the clamps.
- (b) Remove the cap, 2 bolts and outside handle with door lock cylinder.

Torque: 5.5 N·m (56 kgf·cm, 49 in·lbf)

- (c) Remove the bolt and door lock cylinder from the outside handle.

Torque: 5.5 N·m (56 kgf·cm, 49 in·lbf)

DISASSEMBLY

1. REMOVE RELEASE HANDLE

- (a) Using a screwdriver, remove the reclining handle cover.

HINT:

Tape the screwdriver tip before use.

- (b) Remove the screw and release handle.

2. REMOVE ARMREST

3. REMOVE CUP HOLDERS

4. REMOVE REAR SEAT CUSHION UNDER COVERS

5. REMOVE REAR SEAT RECLINING COVERS

6. REMOVE REAR NO.1 SEAT INNER BELT

7. REMOVE REAR SEAT RECLINING ADJUSTERS

- (a) Remove the 4 bolts from the seat cushion assembly.
- (b) Remove the 4 bolts and reclining adjusters from the seatback assembly.

8. REMOVE SEATBACK COVER

- (a) Pull of the reclining connecting pipe from the seatback assembly.
- (b) Remove the 2 headrests.
- (c) Remove the 3 clips and seatback board.
- (d) w/ CRS:
Remove the child restraint seat cover.
- (e) w/ CRS:
Remove the child restraint seat.
- (f) Remove the 4 headrest supports.
- (g) Remove the seatback frame.
- (h) Remove the seatback cover from the seatback pad.

9. REMOVE SEAT CUSHION ASSEMBLY

- (a) w/o CRS:
Remove the 2 bolts.
- (b) Remove the 4 nuts and seat cushion assembly.

10. REMOVE SEAT CUSHION COVER

- (a) Remove the seat cushion frame.
- (b) Remove the seat cushion cover from the seat cushion pad.

11. REMOVE REAR NO.1 SEAT CENTER BELT

12. REMOVE REAR SEAT LOCKS

DISASSEMBLY

1. **REMOVE RELEASE HANDLE**
2. **REMOVE REAR SEAT CUSHION UNDER COVER**
3. **REMOVE SEAT RECLINING COVERS**
4. **REMOVE SEAT RECLINING ADJUSTERS**
 - (a) Remove the 4 bolts from the seat cushion assembly.
Torque: 43 N·m (440 kgf·cm, 32 ft·lbf)
 - (b) Remove the 4 bolts and reclining adjusters from the seatback assembly.
Torque: 43 N·m (440 kgf·cm, 32 ft·lbf)
5. **REMOVE SEATBACK COVER**
 - (a) Pull off the reclining connecting pipe from the seatback assembly.
 - (b) Remove the headrest.
 - (c) Remove the 2 clips and seatback board.
 - (d) Remove the headrest supports.
 - (e) Remove the seatback frame.
 - (f) Remove the seatback cover from the seatback pad.
6. **REMOVE SEAT LEG COVERS**
 - (a) Remove the 4 screws and seat leg cover.
 - (b) Employ the same manner described above to the other side.
7. **REMOVE SEAT ADJUSTER ASSEMBLY**

Remove the 4 bolts and seat adjuster assembly.
Torque: 19 N·m (195 kgf·cm, 14 ft·lbf)
8. **REMOVE SEAT CUSHION COVER**
 - (a) Remove the seat cushion frame.
 - (b) Remove the seat cushion cover from the seat cushion pad.
9. **REMOVE REAR NO. 2 INNER BELT**
Torque: 43 N·m (440 kgf·cm, 32 ft·lbf)
10. **REMOVE REMOVE LEVER**
11. **REMOVE SEAT TRACK LOWER RAIL PROTECTOR**
12. **REMOVE SEAT TRACK HANDLE**

DISASSEMBLY

1. REMOVE RECLINING ADJUSTER RELEASE HANDLE
2. REMOVE CUP HOLDER
3. REMOVE REAR SEAT CUSHION COVER
4. REMOVE REAR SEAT CUSHION UNDER COVER
5. REMOVE NO.1 SEAT INNER BELT
6. REMOVE CENTER ARMREST

Remove the 2 bolts and 2 center armrests.

7. REMOVE SEATBACK HINGE COVERS
8. REMOVE NO.1 RECLINING COVERS
9. REMOVE SEATBACK BOARD
10. REMOVE SEATBACK ASSEMBLY

(a) Remove the 4 bolts.

(b) Disconnect the reclining connecting pipe sub-assembly, then remove the seatback assembly.

11. REMOVE SEATBACK COVER

(a) Remove the headrest.

(b) Pull out the reclining connecting pipe sub-assembly.

(c) Remove the hooks of the seatback cover.

(d) Remove the 2 headrest supports.

(e) Remove the seatback frame from the seatback cover with pad.

(f) Remove the seatback cover from the seatback pad.

12. REMOVE REAR NO.1 SEAT HINGES AND RECLINING CONNECTING PIPE

(a) Remove the 6 bolts.

(b) Remove the rear No.1 seat hinges and reclining connecting pipe.

13. REMOVE SEAT CUSHION ASSEMBLY

Remove the 4 bolts and seat cushion assembly.

14. REMOVE SEAT CUSHION COVER

(a) Remove the seat cushion frame from the seat cushion cover with pad.

(b) Remove the seat cushion cover from the seat cushion pad.

15. REMOVE SEAT TRACK ADJUSTING HANDLE

16. REMOVE REAR NO.1 SEAT ADJUSTER

Remove the 5 nuts and rear No.1 seat adjuster.

17. REMOVE REAR SEAT LOCKS

Remove the 4 bolts and 2 rear seat locks from the No.1 seat leg.

DISASSEMBLY

1. REMOVE RECLINING ADJUSTER RELEASE HANDLE
2. REMOVE CUP HOLDER
3. REMOVE REAR SEAT CUSHION COVER
4. REMOVE REAR SEAT CUSHION UNDER COVERS
5. REMOVE NO.1 SEAT INNER BELT
6. REMOVE CENTER ARMREST

Remove the 2 bolts and 2 center armrests.

7. REMOVE SEATBACK HINGE COVERS
8. REMOVE NO.1 RECLINING COVERS
9. REMOVE SEATBACK BOARD
10. REMOVE SEATBACK ASSEMBLY

(a) Remove the 4 bolts.

(b) Disconnect the reclining connecting pipe sub-assembly, then remove the seatback assembly.

11. REMOVE SEATBACK COVER

(a) Pull out the reclining connecting pipe sub-assembly.

(b) Remove the hooks of the seatback cover.

(c) Remove the headrest.

(d) Remove the 2 headrest supports.

(e) Remove the seatback frame from the seatback cover with pad.

(f) Remove the seatback cover from the seatback pad.

12. REMOVE REAR NO.1 SEAT HINGES AND RECLINING CONNECTING PIPE

(a) Remove the 6 bolts.

(b) Remove the rear No.1 seat hinges and reclining connecting pipe.

13. REMOVE SEAT CUSHION ASSEMBLY

Remove the 4 bolts and seat cushion assembly.

14. REMOVE SEAT CUSHION COVER

(a) Remove the seat cushion frame from the seat cushion cover with pad.

(b) Remove the seat cushion cover from the seat cushion pad.

15. REMOVE SEAT TRACK ADJUSTING HANDLE

16. REMOVE FRONT CONNECTING PIPE

17. REMOVE REAR NO.1 SEAT ADJUSTER

Remove the 5 nuts and rear No.1 seat adjuster.

18. REMOVE REAR SEAT LOCKS

Remove the 4 bolts and 2 rear seat locks from the No.1 seat leg.

DISASSEMBLY

1. REMOVE CUP HOLDER
2. REMOVE POWER SEAT SWITCH KNOBS
3. REMOVE SEAT CUSHION SHIELDS
4. REMOVE SEAT TRACK UPPER RAIL COVERS
5. REMOVE POWER SEAT SWITCH
6. REMOVE FRONT SEAT INNER BELT

- (a) Disconnect the connector.
- (b) Remove the bolt, washer and front seat inner belt.

7. REMOVE CENTER ARMREST

Remove the bolt and center armrest.

8. REMOVE SEATBACK ASSEMBLY

Remove the 4 bolts and seatback assembly.

9. REMOVE SEATBACK COVER

- (a) Remove the 2 assist grip plugs, 2 screws and assist grip.
- (b) Remove the headrest.
- (c) Remove the 2 headrest supports.
- (d) Remove the 2 seat hinge covers.
- (e) Remove the seatback frame.
- (f) Remove the seatback cover.

10. w/ Seat heater:

IF NECESSARY, REPLACE SEATBACK HEATER (See page [BO-1 17](#))

11. REMOVE SEAT CUSHION ASSEMBLY

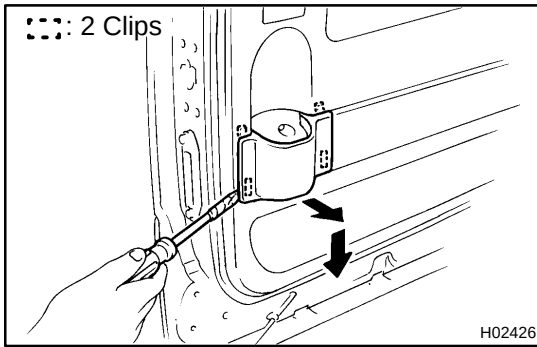
Remove the 4 bolts and seat cushion assembly.

12. REMOVE SEAT CUSHION COVER

- (a) Remove the seat cushion frame.
- (b) Remove the wire harness from the seat cushion frame.
- (c) Remove the seat cushion cover.

13. w/ Seat heater:

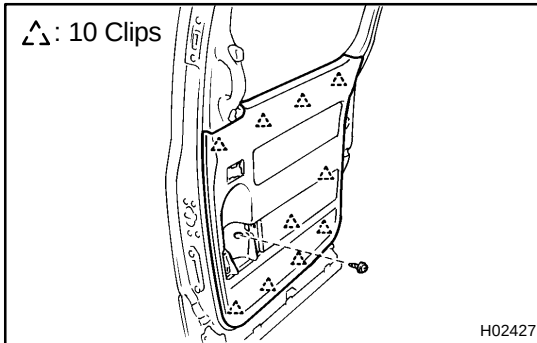
IF NECESSARY, REPLACE SEAT CUSHION HEATER (See page [BO-1 17](#))



DISASSEMBLY

1. REMOVE CUP HOLDER

Using a screwdriver, remove the cup holder as shown in the illustration.



2. REMOVE DOOR TRIM

- Remove the screw.
- Insert a screwdriver between the door and door trim to pry the trim out.

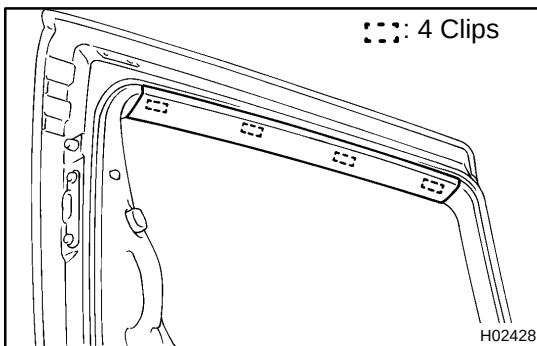
NOTICE:

Be careful not to damage the door and door trim.

HINT:

Tape the screwdriver tip before use.

- Pull the trim to remove it.

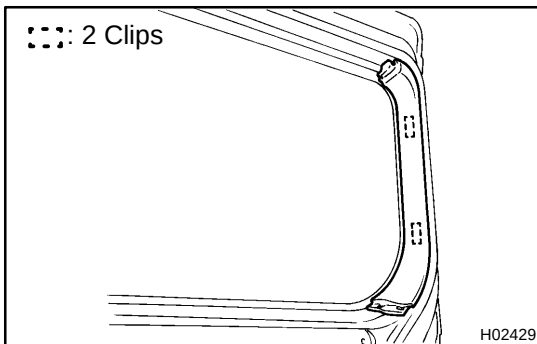


3. REMOVE UPPER NO.1 TRIM COVER

Using a screwdriver, remove the upper No.1 trim cover.

HINT:

Tape the screwdriver tip before use.

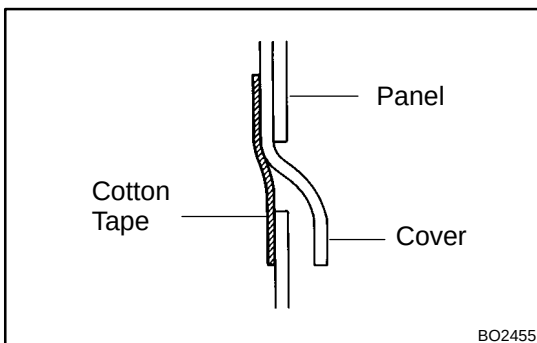


4. REMOVE UPPER NO.2 TRIM COVER

Using a screwdriver, remove the upper No.2 trim cover.

HINT:

Tape the screwdriver tip before use.



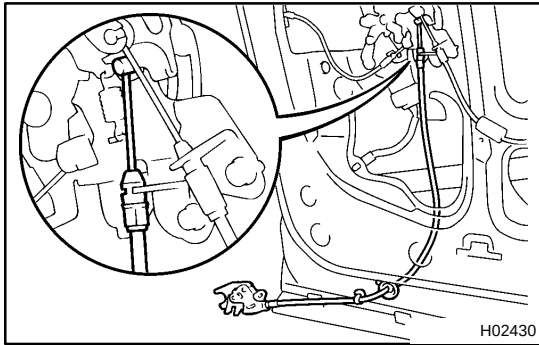
5. REMOVE SERVICE HOLE COVER

Remove the service hole cover.

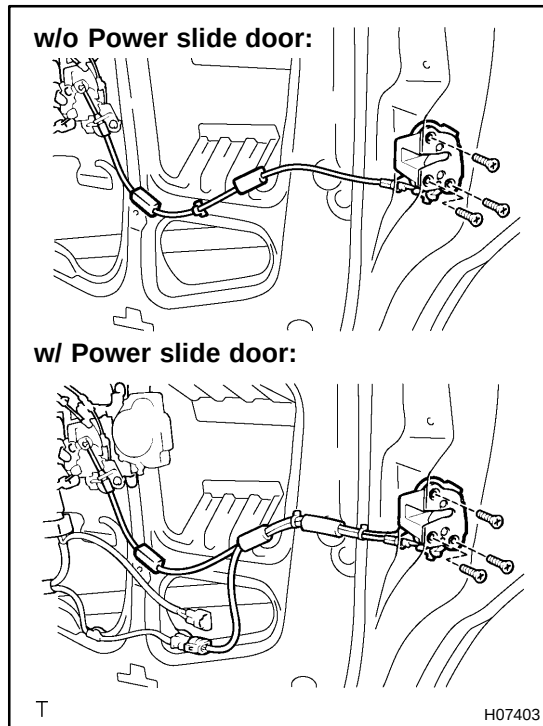
NOTICE:

At the time of reassembly, please refer to the following item.

Do not block the trim clip sealing with the service hole cover.



6. **w/o Power slide door:**
REMOVE SLIDE DOOR FULL OPEN STOP LOCK
 - (a) Disconnect the cable from the slide door lock control assembly.
 - (b) Remove the hole plug, cable clamp and slide door full open stop lock.
7. **w/ Power slide door:**
REMOVE SLIDE DOOR FULL OPEN STOP LOCK



8. **REMOVE SLIDE DOOR LOCK**
 - (a) Disconnect the cable from the slide door lock control assembly.
 - (b) Disconnect the connector.
 - (c) Remove the clip.
 - (d) Remove the 3 screws.

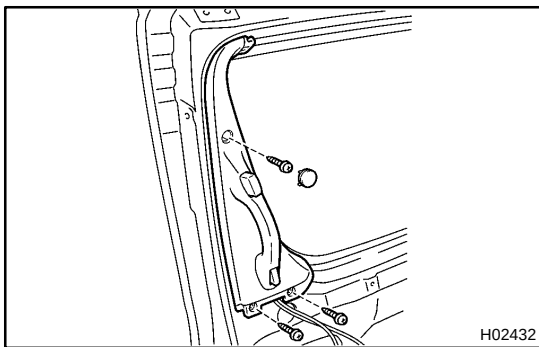
Torque: 4.9 N·m (50 kgf·cm, 43 in·lbf)

HINT:

At the time of reassembly, please refer to the following item.
Apply adhesive to the 3 screws.

Part No. 08833-00070, THREE BOND 1324 or equivalent

9. **REMOVE CUSHION**
10. **REMOVE FEMALE STOPPER**



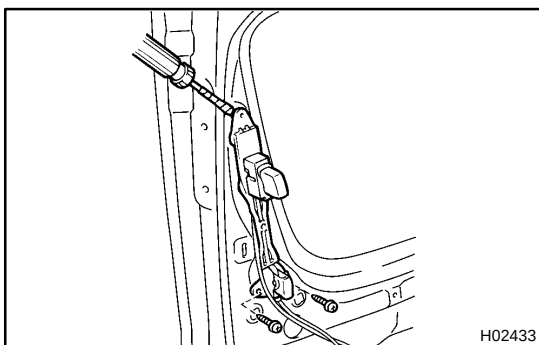
11. REMOVE WINDOW GARNISH

- (a) Using a screwdriver, remove the trim board cover.

HINT:

Tape the screwdriver tip before use.

- (b) Remove the 3 screws and window garnish.



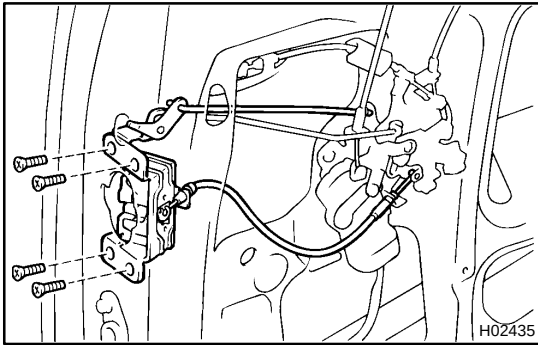
12. REMOVE INSIDE HANDLE

- (a) Remove the 2 screws.
- (b) Using a screwdriver, remove the inside handle.

HINT:

Tape the screwdriver tip before use.

- (c) Disconnect the cables from the inside handle.

**13. REMOVE SLIDE DOOR FRONT LOCK**

- (a) Disconnect the link and cable from the slide door lock control assembly.
- (b) Remove the 4 screws and slide door front lock.

Torque: 4.9 N·m (50 kgf·cm, 43 in·lbf)

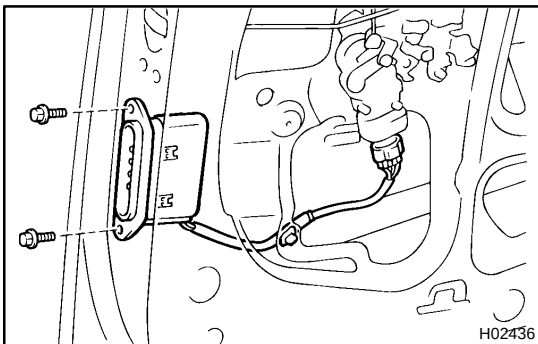
HINT:

At the time of reassembly, please refer to the following item.
Apply adhesive to the 4 screws.

Part No. 08833-00070, THREE BOND 1324 or equivalent

14. REMOVE OUTSIDE HANDLE

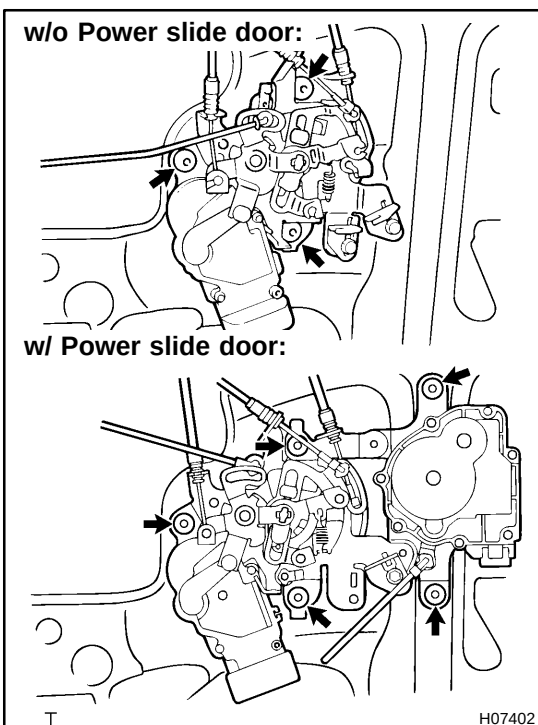
- (a) Disconnect the link and cable.
- (b) Remove the 2 bolts and outside handle.
- (c) Remove the retainer and key cylinder from the outside handle.

**15. REMOVE SLIDE DOOR CONTROL MALE JUNCTION**

- (a) Disconnect the connector.
- (b) Remove the clamp.
- (c) Remove the 2 bolts and slide door control male junction.

16. REMOVE SLIDE DOOR LOCK REMOTE CONTROL ASSEMBLY

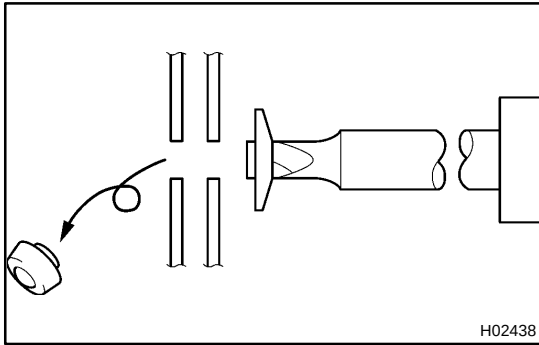
- (a) Disconnect the control link.
- (b) Attach the rivet cutter to a drill.



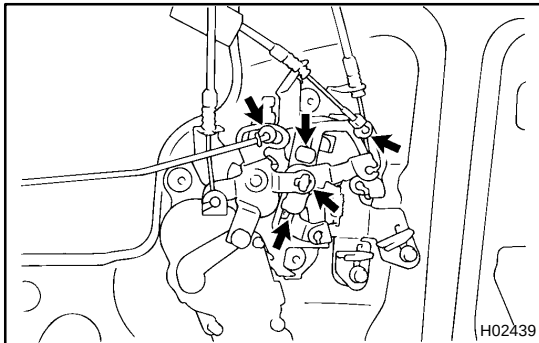
- (c) Gently and vertically put the drill to the rivet, and cut the rivet flanges.

NOTICE:

- Prizing the hole with a drill can lead to damage to the rivet hole or breaking the rivet cutter.
- Take care as the cut rivet is hot.

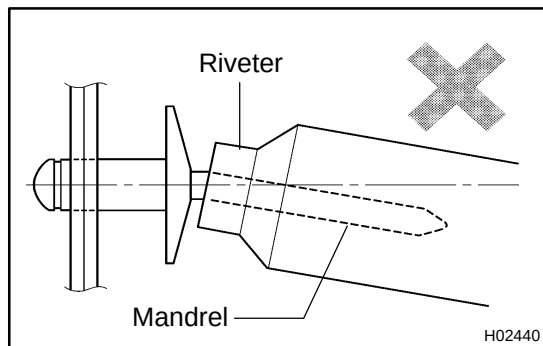


- (d) Even if flange is taken off, continue drilling and push out remaining fragments with the drill.
- (e) Remove the slide door lock control assembly.

**HINT:**

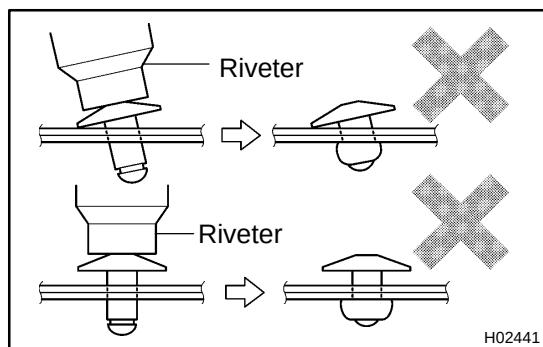
At the time of reassembly, please refer to the following items.

- Apply MP grease to the sliding surface of the slide door lock control assembly.
- Using an air riveter or hand riveter, install the slide door lock control assembly to the door frame with the rivets.

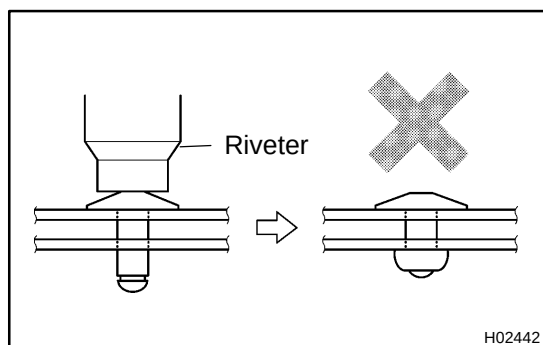
**NOTICE:**

At the time of reassembly, please refer to the following items.

- Do not prize a riveter, as riveter is damaged, it is not tightened and the mandrel is bent.



- Do not tilt the riveter and disconnect the rivet from the material while handling a riveter, as the materials are not tightened firmly.



- Install the rivet while attaching materials, as they are not tightened firmly.

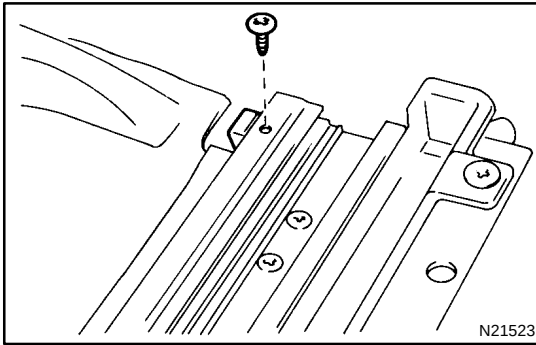
DISASSEMBLY

1. **REMOVE CUP HOLDER**
2. **REMOVE RECLINING ADJUSTER RELEASE HANDLE**
3. **Driver's seat:**
REMOVE VERTICAL SEAT ADJUSTER KNOB
4. **REMOVE SEAT CUSHION SHIELDS**
5. **REMOVE SEAT TRACK UPPER RAIL COVERS**
6. **REMOVE FRONT SEAT INNER BELT**
 - (a) Disconnect the connector.
 - (b) Remove the bolt, washer and front seat inner belt.
7. **REMOVE CENTER ARMREST**

Remove the bolt, bushings and center armrest.
8. **REMOVE SEATBACK ASSEMBLY**

Remove the 4 bolts, 2 bushings and seatback assembly.
9. **REMOVE SEATBACK COVER**
 - (a) w/ Assist grip:
Open the 2 assist grip plugs, then remove the 2 screws and assist grip.
 - (b) Remove the headrest.
 - (c) Remove the 2 headrest supports.
 - (d) Remove the 2 seat hinge covers.
 - (e) Remove the seatback frame.
 - (f) Remove the seatback cover.
10. **w/ Seat heater:**
IF NECESSARY, REPLACE SEATBACK HEATER (See page [BO-128](#))
11. **REMOVE SEAT CUSHION ASSEMBLY**

Remove the 4 bolts and seat cushion assembly.
12. **REMOVE SEAT CUSHION COVER**
 - (a) Remove the seat cushion frame.
 - (b) Remove the seat cushion cover.
13. **w/ Seat heater:**
IF NECESSARY, REPLACE SEAT CUSHION HEATER (See page [BO-128](#))
14. **REMOVE SEAT TRACK ADJUSTING HANDLE**
15. **REMOVE NO.1 SEAT UNDER TRAY RAIL**

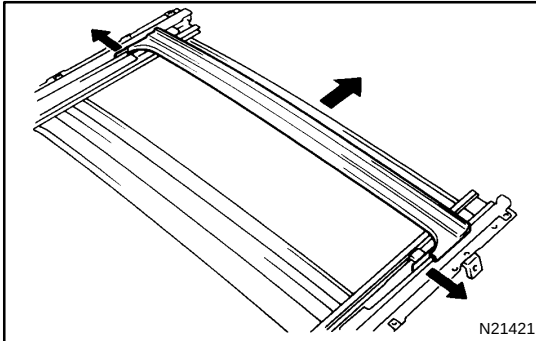


DISASSEMBLY

1. REMOVE SLIDING ROOF PANEL STOPPER

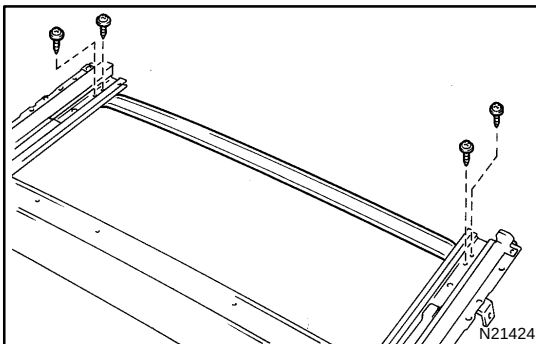
- (a) Remove the screw and stopper.
- (b) Employ the same manner described above to the other side.

2. REMOVE SUNSHADE TRIM



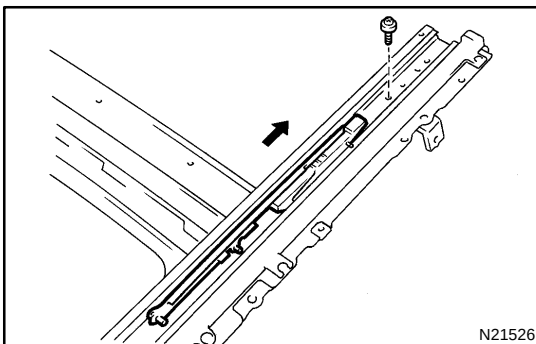
3. REMOVE REAR ROOF DRIP CHANNEL

Remove the rear roof drip channel as shown in the illustration.



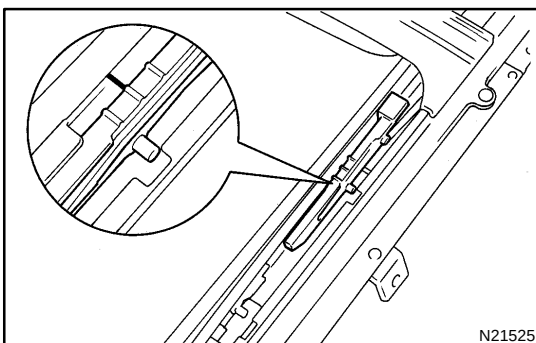
4. REMOVE REAR FRAME

Remove the 4 screws and rear frame.



5. REMOVE DRIVE CABLE

- (a) Remove the screw and guide rail stopper.
- (b) Slide the drive cable rearward, then remove it.

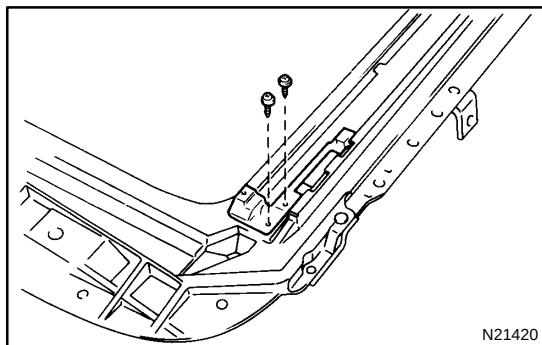


HINT:

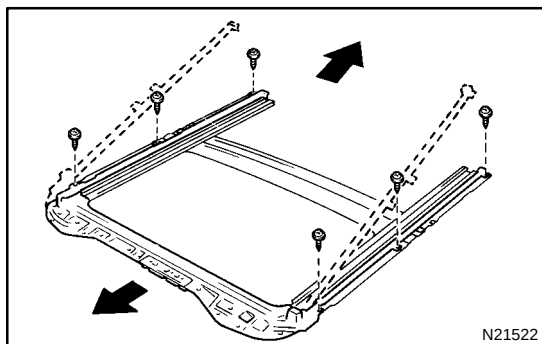
At the time of assembly, please refer to the following items.

- Adjust the drive cable to a closed and tilted down position.
 - Slide the cable forward or backward to align the 2 marks as shown.
 - Slide the cable to the forefront with your hand.
- (c) Employ the same manner described above to the other side.

6. REMOVE ROOF WINDOW DEFLECTOR PANEL

**7. REMOVE GUIDE BLOCK**

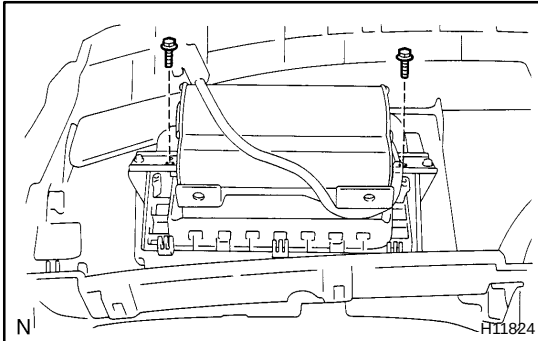
- (a) Remove the 2 screws and guide block.
- (b) Employ the same manner described above to the other side.

**8. REMOVE SLIDING ROOF HOUSING**

Remove the 6 screws and sliding roof housing.

DISASSEMBLY

1. REMOVE NO.2 SIDE DEFROSTER NOZZLE DUCT
2. REMOVE NO.1 SIDE DEFROSTER NOZZLE DUCT
3. REMOVE NO.2 HEATER TO REGISTER DUCT
4. REMOVE NO.1 HEATER TO REGISTER DUCT
5. REMOVE NO.3 REGISTER



6. REMOVE FRONT PASSENGER AIRBAG ASSEMBLY

- (a) Remove the 2 bolts.

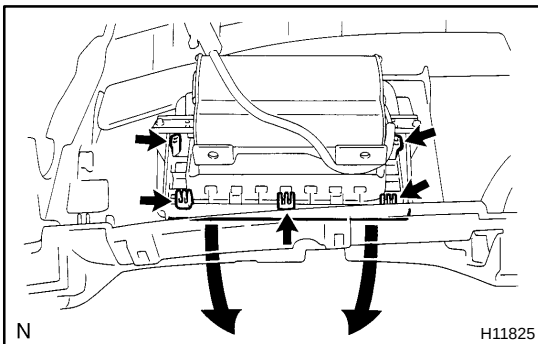
Torque: 5.0 N·m (51 kgf·cm, 44 ft·lbf)

NOTICE:

At the time of reassembly, please refer to the following item.

If the front passenger airbag assembly has been dropped, or there are cracks, dents or other defects in the case or connector, replace the front passenger airbag assembly with a new one.

- (b) Pry off the 5 clips and remove the front passenger airbag assembly as shown in the illustration.



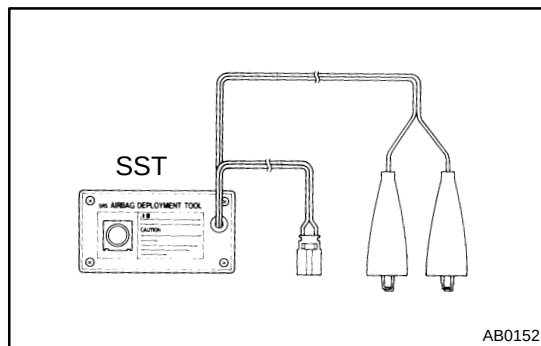
CAUTION:

- Do not store the front passenger airbag assembly with the airbag deployment side facing downward.
 - Never disassemble the front passenger airbag assembly.
- (c) Remove the No. 1 and No. 2 safety pad retainer with the 2 bolts.
7. REMOVE INSTRUMENT PANEL WIRE
 8. w/ Automatic light control system:
REMOVE AUTOMATIC LIGHT CONTROL SENSOR
 9. Auto A/C models:
REMOVE ROOM TEMPERATURE SENSOR
 10. REMOVE LIGHT CONTROL SWITCH HOLE COVER

DISPOSAL

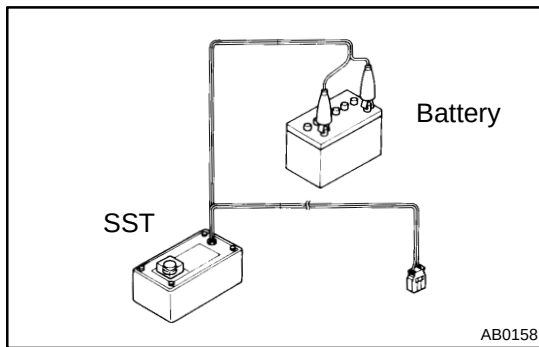
HINT:

When scrapping vehicle equipped with a SRS or disposing of a front seat outer belt (with seat belt pretensioner), always first deploy the airbag in accordance with the procedure given in RS section or activate the seat belt pretensioner. If any abnormality occurs with the airbag deployment or seat belt pretensioner activation, contact the SERVICE DEP. of the TOYOTA MOTOR SALES, U.S.A. INC. When disposing of a front seat outer belt (with seat belt pretensioner) activated in a collision, follow the same procedure given in step 1-(d) in "DISPOSAL".



CAUTION:

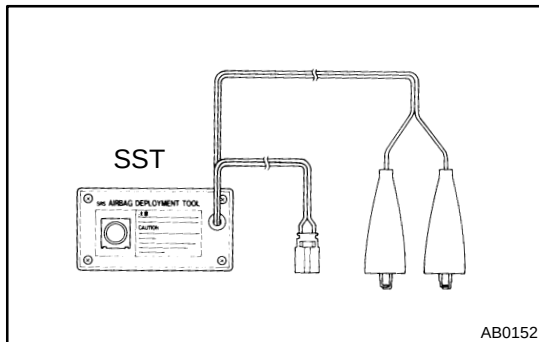
- Never dispose of front seat outer belt which has inactivated pretensioner.
- The seat belt pretensioner produces a sizeable exploding sound when it activates, so perform the operation out-of-door and where it will not create a nuisance to nearby residents.
- When activating the seat belt pretensioner, always use the specified SST. (SRS Airbag Deployment Tool) Perform the operation in a place away from electrical noise.
SST 09082-00700, 09082-00740
- When activating a front seat outer belt (with seat belt pretensioner), perform the operation at least 10 m (33 ft) away from the front seat outer belt.
- Use gloves and safety glasses when handling a front seat outer belt with activated pretensioner.
- Always wash your hands with water after completing the operation.
- Do not apply water, etc. to a front seat outer belt with activated pretensioner.



1. SEAT BELT PRETENSIONER ACTIVATION WHEN SCRAPPING VEHICLE

HINT:

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

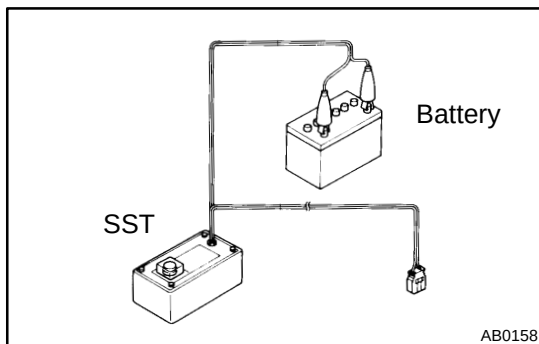


(a) Check functioning of SST

CAUTION:

When activating the seat belt pretensioner, always use the specified SST: SRS Airbag Deployment Tool.

SST 09082-00700, 09082-00740

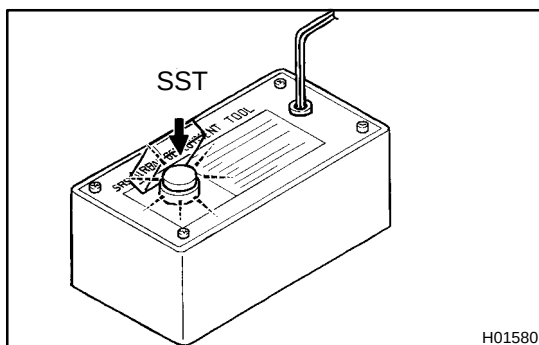


(1) Connect the SST to battery.

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

HINT:

Do not connect the yellow connector which will be connected with the seat belt pretensioner.



(2) Check functioning of SST

Press the SST activation switch, and check the LED of the SST activation switch lights up.

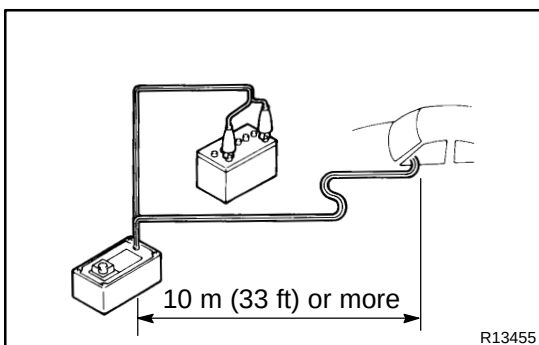
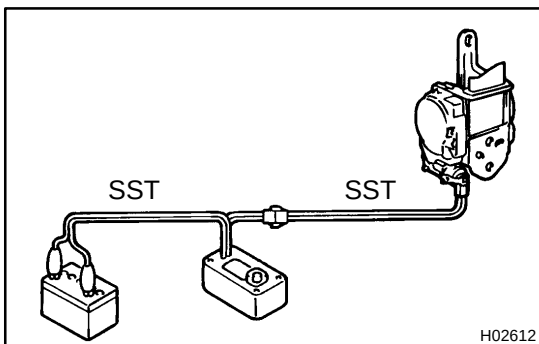
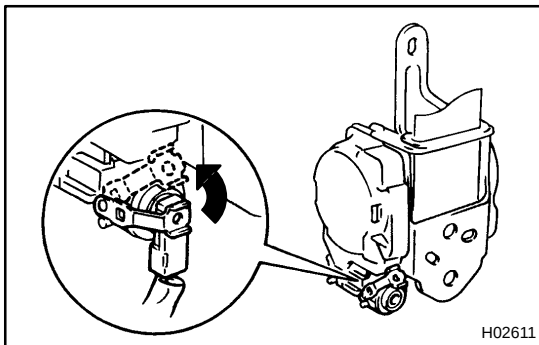
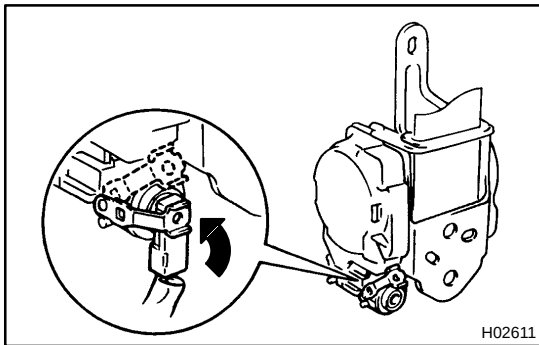
CAUTION:

If the LED lights up when the activation switch is not being pressed, SST malfunction is probable, so definitely do not use the SST.

(b) Front seat outer belt on left side of 4-door vehicle:

Disconnect the pretensioner connector.

- (1) Remove the front door scuff plate.
- (2) Remove the back door scuff plate.
- (3) Remove the rear quarter trim panel.
- (4) Remove the quarter trim panel.



- (5) Disconnect the pretensioner connector as shown in the illustration.
- (6) Buckle the front seat belt and check that there is no looseness and slack in the front seat inner belt and front seat outer belt.

(c) Other front seat outer belts:

Disconnect the pretensioner connector.

- (1) Remove the front door scuff plate.
- (2) Remove the slide door scuff plate.
- (3) Remove the center pillar lower garnish.
- (4) Disconnect the pretensioner connector as shown in the illustration.
- (5) Buckle the front seat belt and check that there is no looseness and slack in the front seat inner belt and front seat outer belt.

- (6) Connect the 2 SST each other, then connect them to the seat belt pretensioner.

SST 09082-00700, 09082-00740

NOTICE:

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

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

NOTICE:

Take care not to damage the SST wire harness.

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

(d) Activate seat belt pretensioner.

- (1) Confirm that no one is inside the vehicle or within 10 m (33 ft) area around the vehicle.
- (2) Press the SST activation switch and activate the seat belt pretensioner.

HINT:

The seat belt pretensioner operates simultaneously as the LED of the SST activation switch lights up.

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

CAUTION:

- The front seat outer belt is very hot when the seat belt pretensioner is activated, so leave it alone for at least 30 minutes after activation.
- Use gloves and safety glasses when handling a front seat outer belt with activated seat belt pretensioner.
- Always wash your hands with water after completing the operation.
- Do not apply water, etc. to a front seat outer belt with activated seat belt pretensioner.

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

2. ACTIVATION WHEN DISPOSING OF FRONT SEAT OUTER BELT ONLY

NOTICE:

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

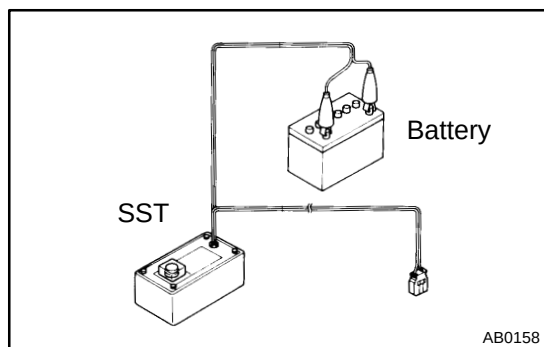
HINT:

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

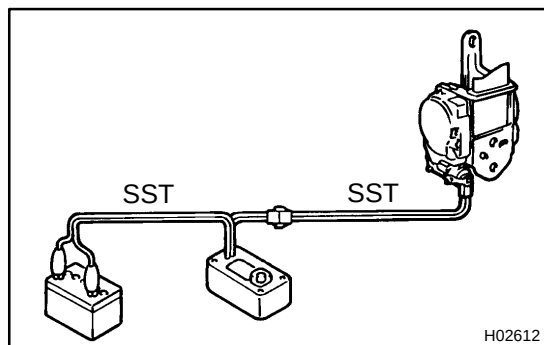
- Remove the front seat outer belt.
(See page [BO-151](#))

HINT:

Cut the belt near the seat belt retractor.



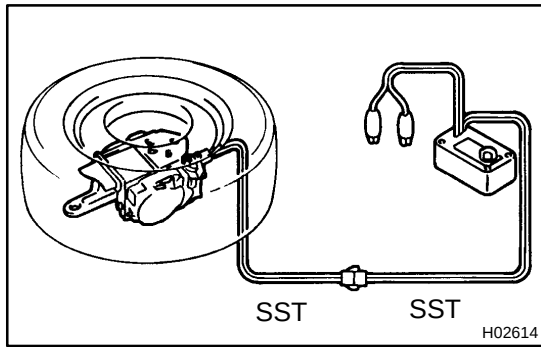
- Check functioning of SST.
(See step 1-(a))
SST 09082-00700, 09082-00740



- Install the SST.
 - Connect the 2 SST each other, then connect them to the seat belt pretensioner.
SST 09082-00700, 09082-00740

NOTICE:

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



- (2) Place the front seat outer belt on the ground and cover it with the disc wheel with tire.

NOTICE:

Place the front seat outer belt as shown in the illustration.

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

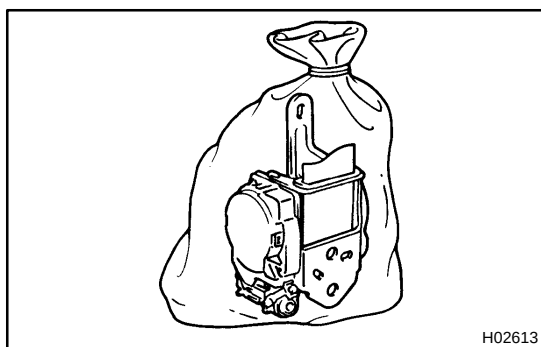
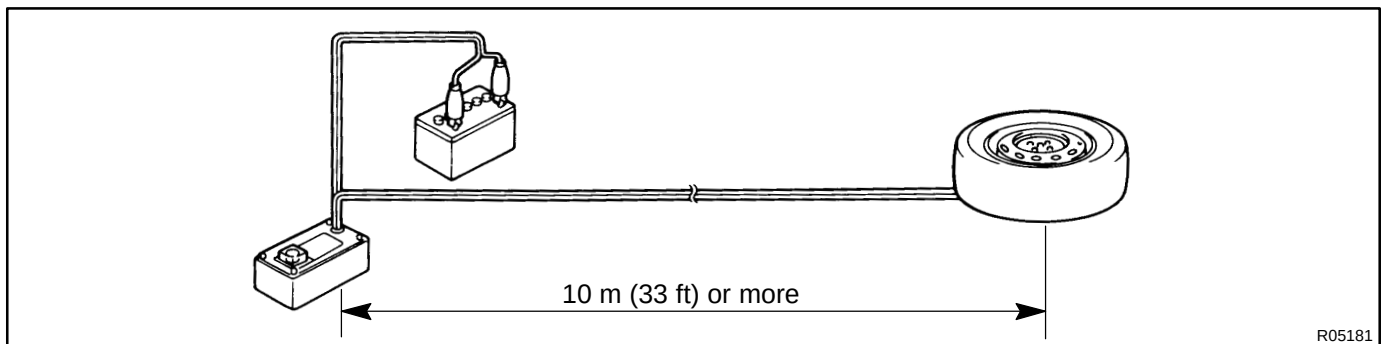
NOTICE:

Take care not to damage the SST wire harness.

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

HINT:

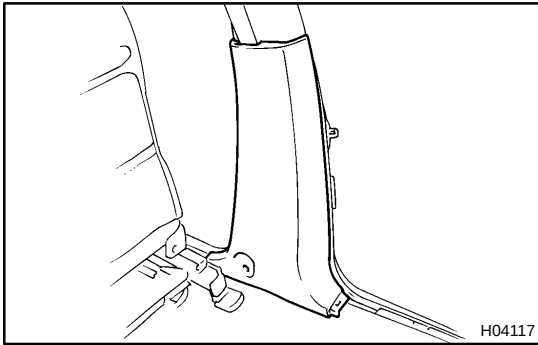
The seat belt pretensioner operates simultaneously as the LED of the SST activation switch lights up.



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

CAUTION:

- The front seat outer belt is very hot when the seat belt pretensioner is activated, so leave it alone for at least 30 minutes after activation.
 - Use gloves and safety glasses when handling a front seat outer belt with activated seat belt pretensioner.
 - Always wash your hands with water after completing the operation.
 - Do not apply water, etc. to a front seat outer belt with activated seat belt pretensioner.
- (1) Remove the disc wheel and SST.
 - (2) Place the front seat outer belt in a vinyl bag, tie the end tightly and dispose of it in the same way as other general parts.



INSPECTION

1. PRETENSIONER IS NOT ACTIVATED

- (a) Perform a diagnostic system check.
(See page [DI-358](#))
- (b) Perform a visual check which includes the following items with the front seat outer belt removed from the vehicle.
 - Check for cuts and cracks in, or marked discoloration of the center pillar lower garnish.
 - Check for cuts and cracks in wire harness, and for chipping in connectors.
 - Check for deformation of the center pillar.

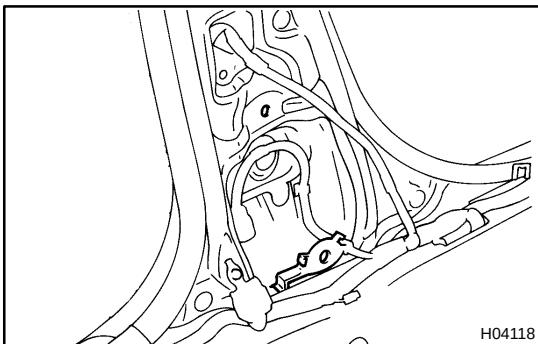
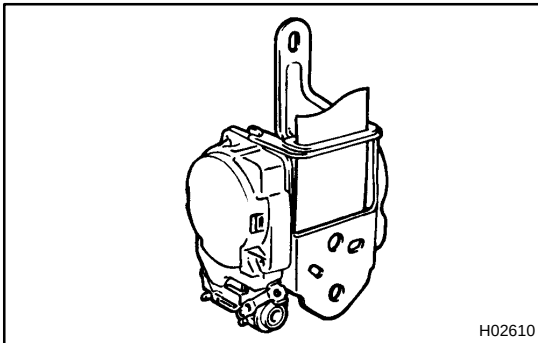
CAUTION:

For removal and installation of the front seat outer belt, see page [BO-154](#) and [BO-162](#) .

Be sure to follow the correct procedure.

2. PRETENSIONER IS ACTIVATED

- (a) Perform a diagnostic system check.
(See page [DI-358](#))
- (b) Perform a visual check which includes the following items with the front seat outer belt removed from the vehicle.
 - Check for deformation of the center pillar.
 - Check for damage on the connector and wire harness.



INSPECTION

CAUTION:

Replace the seat belt assembly (outer belt, inner belt, bolts, nuts or sill-bar) if it has been used in a severe impact. The entire assembly should be replaced even if damage is not obvious.

1. Except manual type:

RUNNING TEST (IN SAFE AREA)

- (a) Fasten the front seat belts.
- (b) Drive the car at 10 mph (16 km/h) and slam on the brakes. Check that the belt locks and cannot be extended at this time.

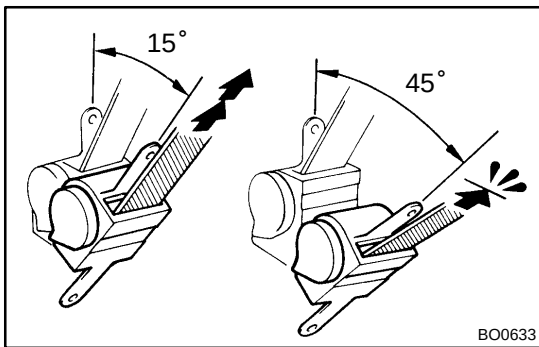
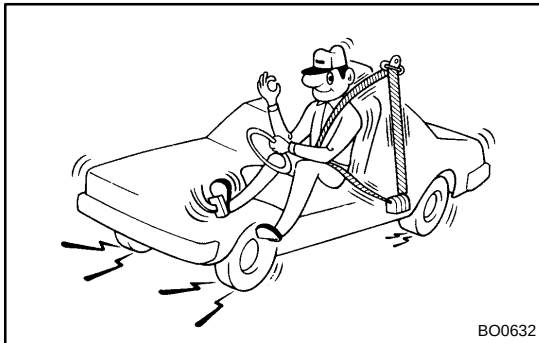
HINT:

Conduct this test in a safe area. If the belt does not lock, remove the belt mechanism assembly and conduct the following static check. Also, whenever installing a new belt assembly, verify the proper operation before installation.

2. Driver's seat belt (ELR):

STATIC TEST

- (a) Make sure that the belt locks when pulled out quickly.
- (b) Remove the locking retractor assembly.
- (c) Tilt the retractor slowly.



- (d) Make sure that the belt can be pulled out at a tilt of 15 degrees or less, and cannot be pulled out over 45 degrees of tilt.

If a problem is found, replace the assembly.

3. Except driver's seat belt (ALR/ELR):

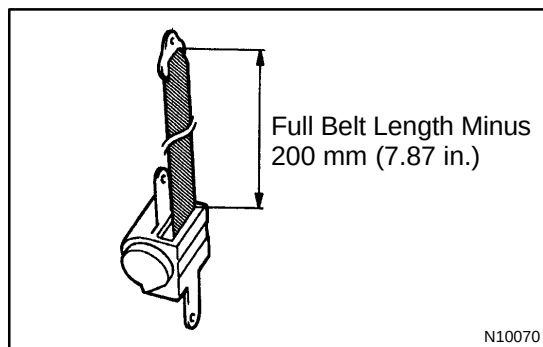
STATIC TEST

- (a) Make sure that the belt locks when pulled out quickly.
- (b) Remove the locking retractor assembly.
- (c) Pull out the whole belt and measure the length of the whole belt.

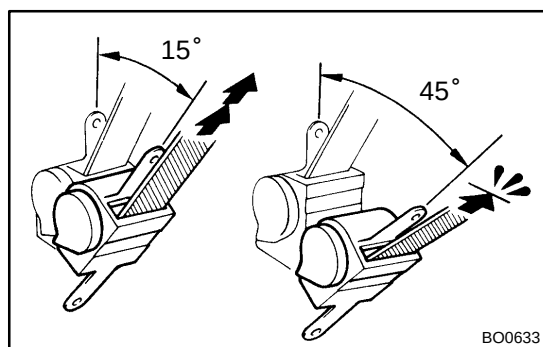
Then retract the belt slightly and pull it out again

- (d) Make sure that the belt cannot be extended further.

If a problem is found, replace the assembly.

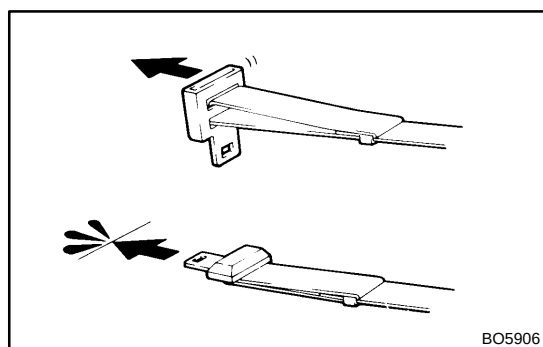


- (e) Retract the whole belt, then pull out the belt until 200 mm (7.87 in.) of belt remains retracted.
- (f) Tilt the retractor slowly.



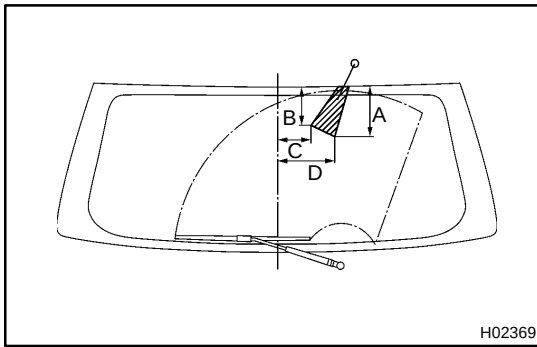
- (g) Make sure that the belt can be pulled out at a tilt of 15 degrees or less, and cannot be pulled out at over 45 degrees of tilt.

If a problem is found, replace the assembly.



4. Manual type: TESTING

- (a) Adjust the belt to the proper length.
- (b) Apply a firm load to the belt.
- (c) Make sure that the belt does not extend.



INSPECTION

INSPECT REAR WASHER NOZZLE

While operating the washer, check if the point where the washer fluid hits the back door glass is within the range indicated by the hatched line.

A: Approx. 152 mm (5.98 in.)

B: Approx. 115 mm (4.53 in.)

C: Approx. 110 mm (4.33 in.)

D: Approx. 183 mm (7.20 in.)

INSPECTION

INSPECT RECLINING LOCK POSITION AND SLIDING LOCK POSITION SLIPPING OFF

(a) When reclining the seat, inspect that the outer and inner tracks are released at the same time.

HINT:

When the reclining lock positions slip off, disassemble the seat to adjust the position.

(b) When sliding the seat, inspect that the outer and inner tracks are locked at the same time.

HINT:

When sliding lock positions slip off, loosen the bolts to adjust the positions.

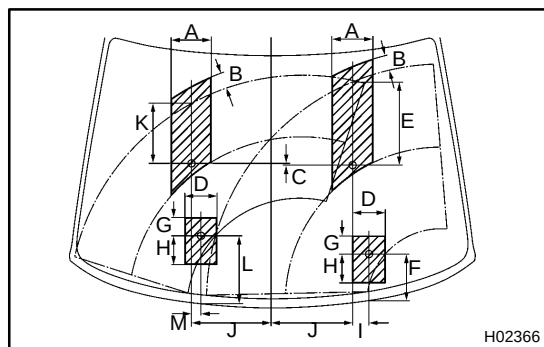
INSPECTION

INSPECT SLIDING LOCK POSITION SLIPPING OFF

When sliding the seat, inspect that the outer and inner tracks are locked at the same time.

HINT:

When sliding lock positions slip off, loosen the bolts to adjust the position.



INSPECTION

INSPECT WASHER NOZZLE

While operating the washer, check that the upper point where the washer fluid hits the windshield and the surge area are within the range indicated by the hatched line.

A: Approx. 150 mm (5.91 in.)

B: Approx. 50 mm (1.97 in.)

C: Approx. 0 - 50 mm (0 - 1.97 in.)

D: Approx. 120 mm (4.72 in.)

E: Approx. 299 mm (11.77 in.)

F: Approx. 167 mm (6.57 in.)

G: Approx. 65 mm (2.56 in.)

H: Approx. 105 mm (4.13 in.)

I: Approx. 61 mm (2.40 in.)

J: Approx. 300 mm (11.81 in.)

K: Approx. 221 mm (8.70 in.)

L: Approx. 251 mm (9.88 in.)

M: Approx. 37 mm (1.46 in.)

INSPECTION

INSPECT RECLINING LOCK POSITION AND SLIDING LOCK POSITION SLIPPING OFF

(a) When reclining the seat, inspect that the outer and inner tracks are released at the same time.

HINT:

When the reclining lock positions slip off, disassemble the seat to adjust the positions.

(b) When sliding the seat, inspect that the outer and inner tracks are locked at the same time.

HINT:

When sliding lock positions slip off, loosen the bolts to adjust the positions.

INSPECTION

INSPECT RECLINING LOCK POSITION

When reclining the seat, inspect that the outer and inner tracks are released at the same time.

HINT:

When the reclining lock positions slip off, disassemble the seat to adjust the positions.

INSTALLATION

Installation is in the reverse order of removal (See page [BO-101](#)).

INSTALLATION

Installation is in the reverse order of removal (See page [BO-108](#)).

INSTALLATION

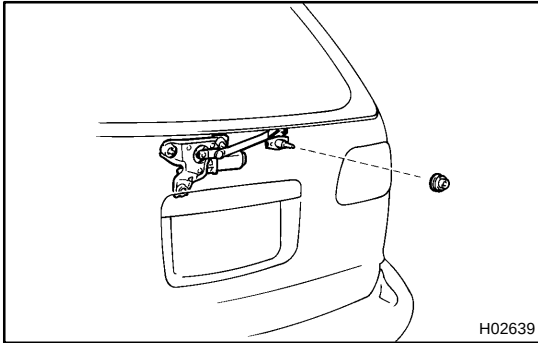
Installation is in the reverse order of removal (See page [BO-75](#)).

INSTALLATION

Installation is in the reverse order of removal (See page [BO-79](#)).

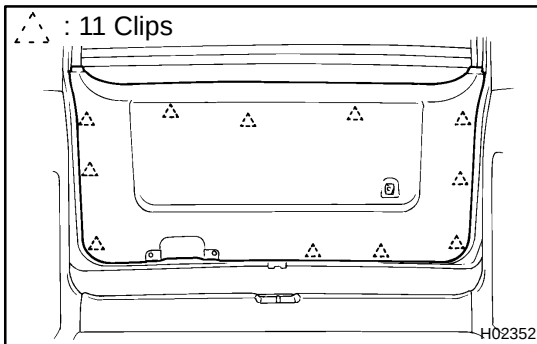
INSTALLATION

1. INSTALL WASHER NOZZLE



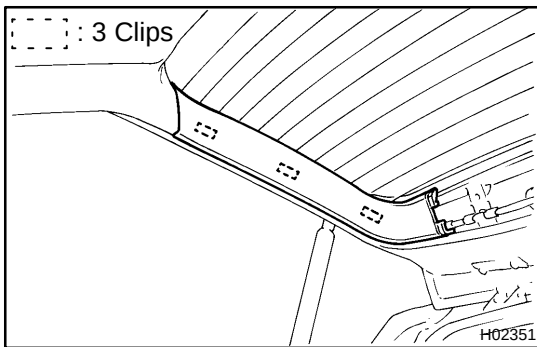
2. INSTALL WIPER MOTOR AND LINK ASSEMBLY

- Install the grommet.
- Install the wiper motor and link assembly with 5 bolts.
Torque: 5.4 N·m (55 kgf·cm, 48 in·lbf)
- Connect the connector.



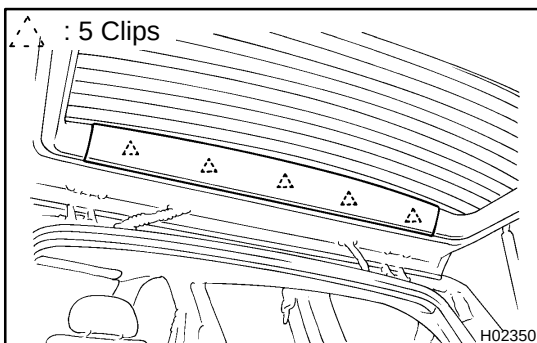
3. INSTALL BACK DOOR TRIM BOARD

Install the door trim board to the back door panel.



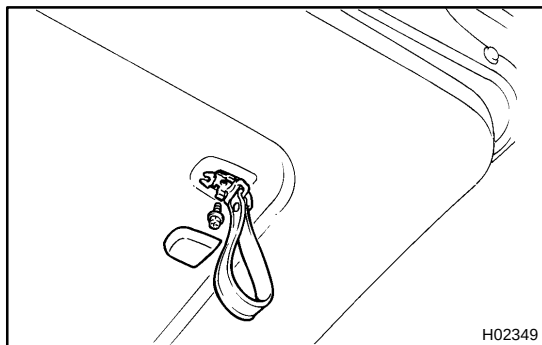
4. INSTALL SIDE GARNISH

- Install the side garnish to the back door panel.
- Employ the same manner described above to the other side.

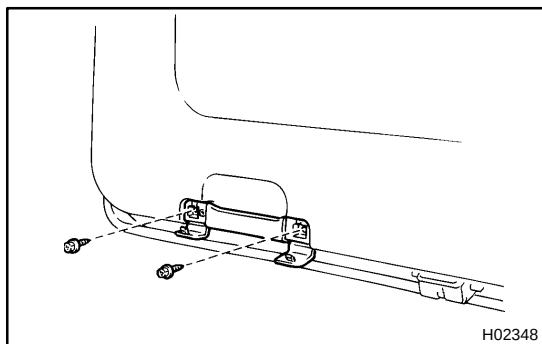


5. INSTALL CENTER GARNISH

Install the center garnish to the back door panel.

**6. INSTALL BACK DOOR PULL STRAP**

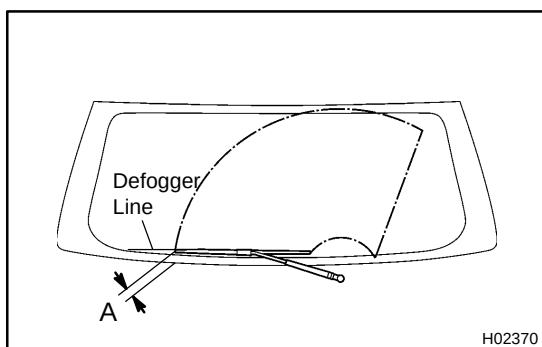
- (a) Install the back door pull strap with the screw.
- (b) Install the strap cover.

**7. INSTALL BACK DOOR ASSIST GRIP**

- (a) Install the back door assist grip with the 2 screws.
- (b) Close the covers.

8. INSTALL WIPER ARM

- (a) Operate the wiper once and turn the wiper switch OFF.
- (b) Install the wiper arm and tighten nuts by hand.



- (c) Adjust the installation position of the wiper arm to the position shown in the illustration.

A: 38.6 mm (1.520 in.)

- (d) Torque the nut.

Torque: 5.4 N·m (55 kgf·cm, 48 in·lbf)

INSTALLATION

NOTICE:

- Never use seat belt pretensioner from another vehicle. When replacing parts, replace them with new parts.
- Make sure that the front seat outer belt is installed to the specified torque.
- If the front seat outer belt has been dropped, or there are cracks, dents or other defects in the case or connector, replace the front seat outer belt with a new one.
- When installing the front seat outer belt, take care that the wiring does not interfere with other parts and is not pinched between other parts.

1. INSTALL RETRACTOR OF FRONT SEAT OUTER BELT

- (a) Install the retractor of front seat outer belt with the 2 bolts.

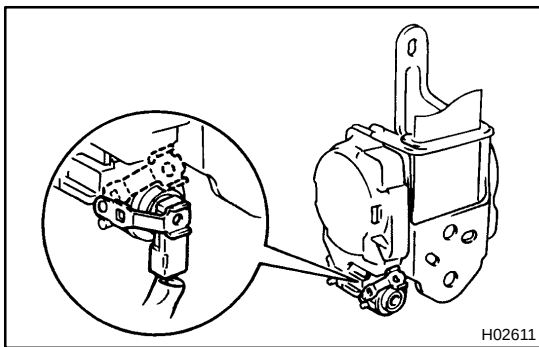
Torque:

Upper bolt: 21 N·m (210 kgf·cm, 15 ft·lbf)

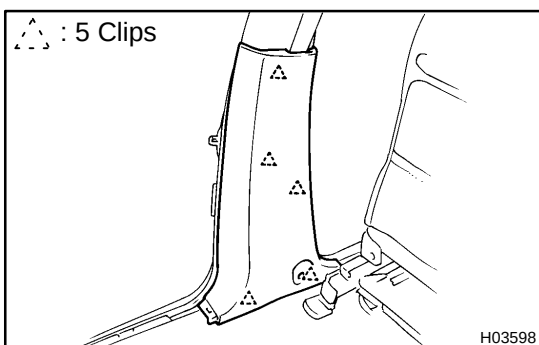
Lower bolt: 43 N·m (440 kgf·cm, 32 ft·lbf)

- (b) w/ Seat belt warning:

Connect the retractor switch connector.



- (c) Connect the pretensioner connector as shown in the illustration.



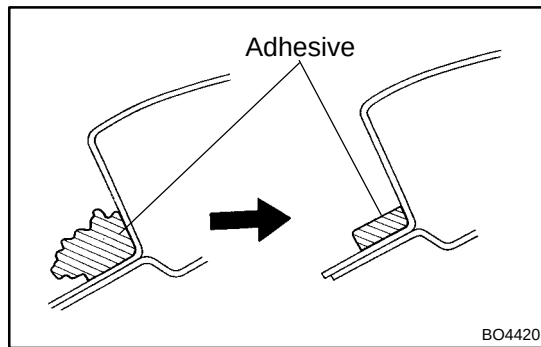
2. INSTALL LOWER CENTER PILLAR GARNISH

- (a) Install the lower center pillar garnish.
(b) Install the front seat outer belt floor anchor with bolt.

Torque: 43 N·m (440 kgf·cm, 32 ft·lbf)

3. INSTALL SLIDE DOOR SCUFF PLATE

4. **INSTALL REAR NO.1 SEAT OUTER BELT SHOULDER ANCHOR**
 - (a) Install the rear No.1 seat outer belt shoulder anchor with the bolt.
Torque: 43 N·m (440 kgf·cm, 32 ft·lbf)
 - (b) Install the anchor cap.
5. **INSTALL FRONT DOOR SCUFF PLATE**



INSTALLATION

1. CLEAN AND SHAPE CONTACT SURFACE OF BODY

(a) Using a knife, cut away any rough areas on the body.

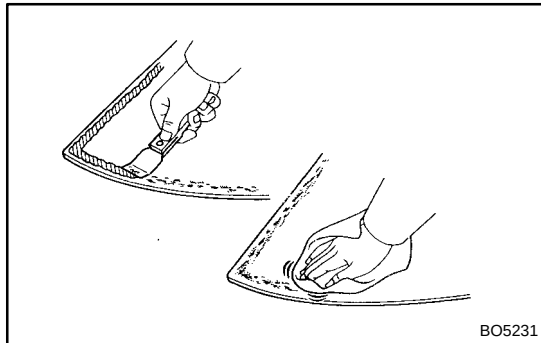
HINT:

Leave as much of the adhesive on the body as possible.

(b) Clean the cutting surface of the adhesive with a piece of shop rag saturated in cleaner.

HINT:

Even if all the adhesive has been removed, clean the body.



2. CLEAN REMOVED GLASS

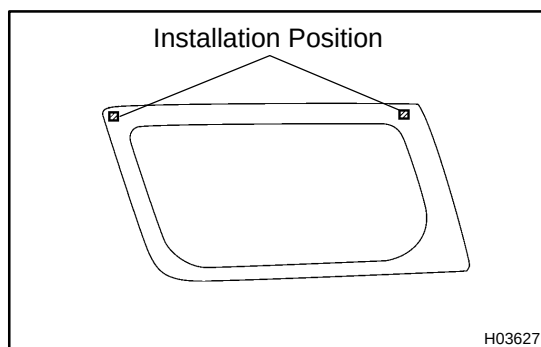
(a) Remove the damaged stoppers and dams.

(b) Using a scraper, remove the adhesive sticking to the glass.

(c) Clean the glass with cleaner.

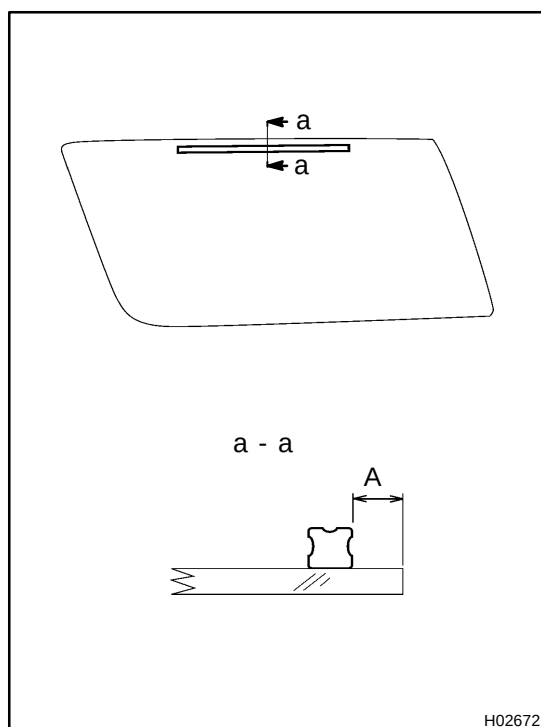
NOTICE:

- Be careful not to damage the glass.
- Do not touch the glass face after cleaning it.



3. INSTALL NEW NO.2 SIDE WINDOW CLIPS

Attach new clips to the glass with the ceramic notches on the glass aligned with the stoppers as shown in the illustration.



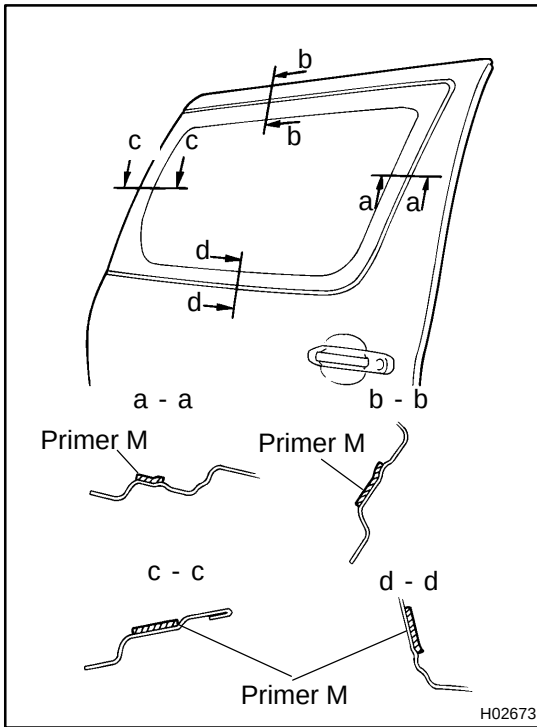
4. INSTALL NEW DAM

Install new dam with double-stick tape as shown in the illustration.

NOTICE:

Do not touch the glass surface after cleaning it.

A: 3.0 mm (0.12 in.)

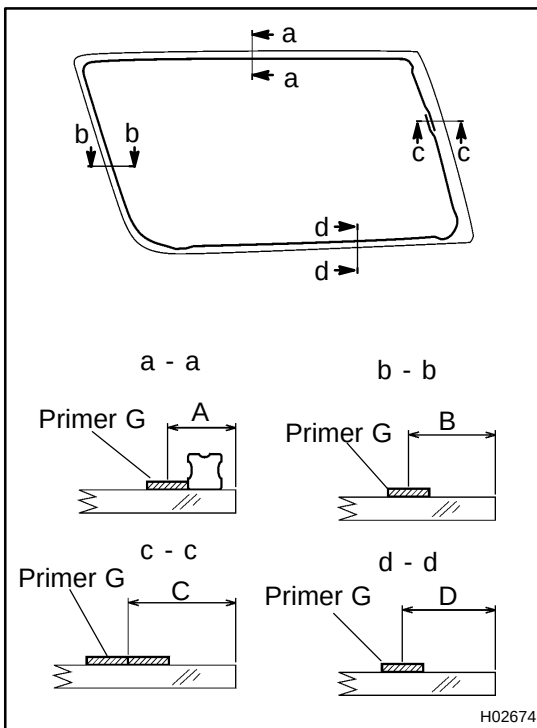


5. COAT CONTACT SURFACE OF DOOR PANEL WITH PRIMER "M"

Using a brush, coat the contact surface on the door panel with primer M.

NOTICE:

- Let the primer coating dry for 3 minutes or more.
- Do not coat primer M to the adhesive.
- Do not keep any of the opened primer M for later use.



6. COAT CONTACT SURFACE OF GLASS WITH PRIMER "G"

- Using a brush or sponge, coat the edge of the glass and the contact surface with primer G.
- Before the primer dries, wipe it off with a clean shop rag.

NOTICE:

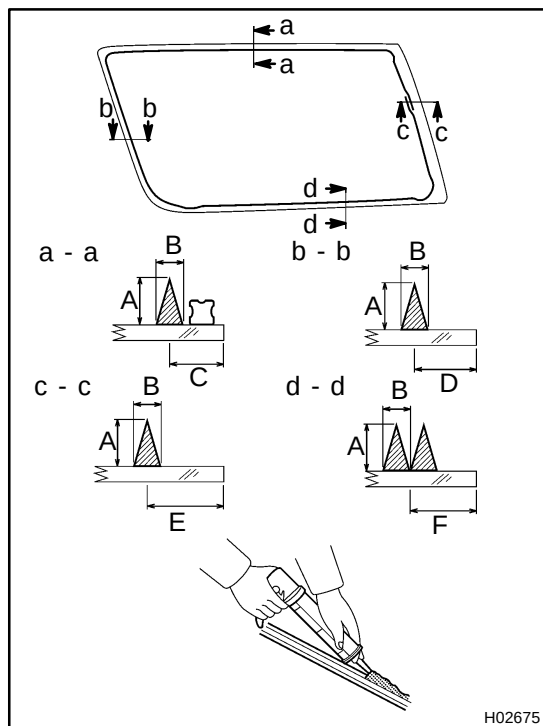
- Let the primer coating dry for 3 minutes or more.
- Do not keep any of the opened primer G for later use.

A: 15.0 mm (0.59 in.)

B: 17.0 mm (0.67 in.)

C: 34.5 mm (1.36 in.)

D: 18.5 mm (0.73 in.)



7. APPLY ADHESIVE

- (a) Cut off the tip of the cartridge nozzle.

Part No. 08850-00801 or equivalent

HINT:

After cutting off the tip, use all adhesive within the time described in the table below.

Temperature	Tackfree time
35 °C (95 °F)	15 minutes
20 °C (68 °F)	100 minutes
5 °C (41 °F)	8 hours

- (b) Load the cartridge into the sealer gun.
 (c) Coat the glass with adhesive, as shown.

A: 12.0 mm (0.472 in.)

B: 8.0 mm (0.315 in.)

C: 15.0 mm (0.59 in.)

D: 17.0 mm (0.67 in.)

E: 34.5 mm (1.36 in.)

F: 18.5 mm (0.73 in.)

8. INSTALL GLASS

- (a) Install the glass to the door.
 (b) Hold the glass in place securely with a protective tape or equivalent until the adhesive hardens.

NOTICE:

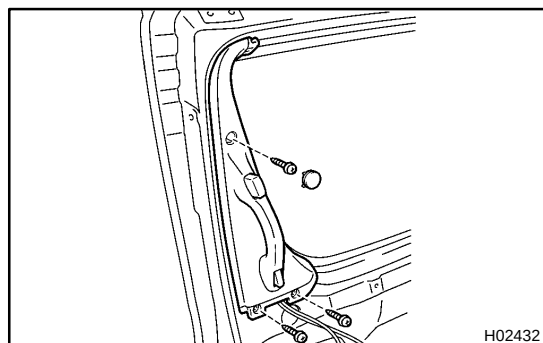
Take care not to drive the vehicle during the time described in the table below.

Temperature	Minimum time prior to driving the vehicle
35 °C (95 °F)	1.5 hours
20 °C (68 °F)	5 hours
5 °C (41 °F)	24 hours

9. INSPECT FOR LEAK AND REPAIR

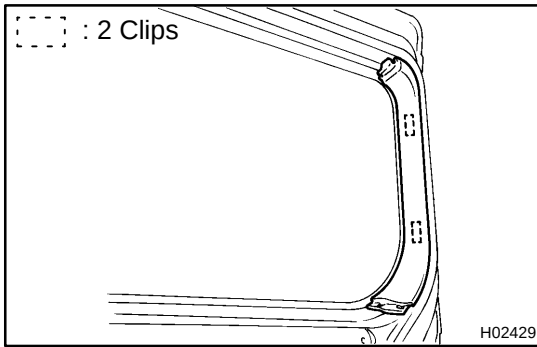
- (a) Conduct a leak test after the hardening time has elapsed.
 (b) Seal any leak with sealant.

Part No. 08833-00030 or equivalent

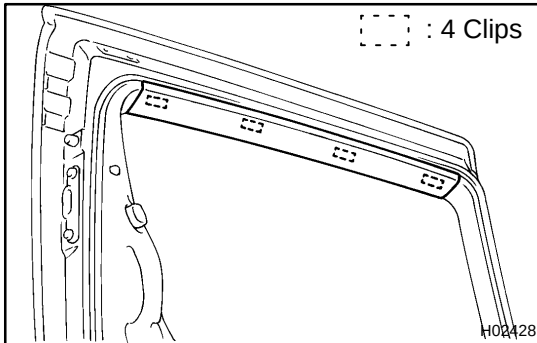


10. INSTALL WINDOW GARNISH

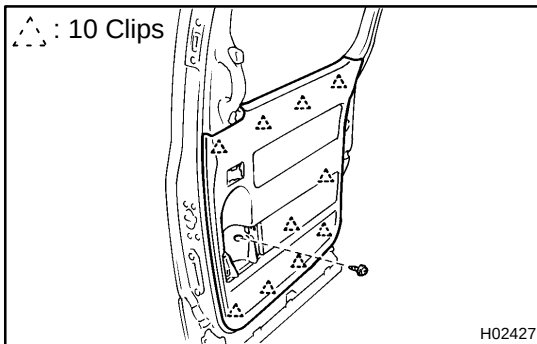
- (a) Install the window garnish with the 3 screws.
 (b) Install the trim board cover to the slide door panel.

**11. INSTALL UPPER NO.2 TRIM COVER**

Install the upper No.2 trim cover to the slide door panel.

**12. INSTALL UPPER NO.1 TRIM COVER**

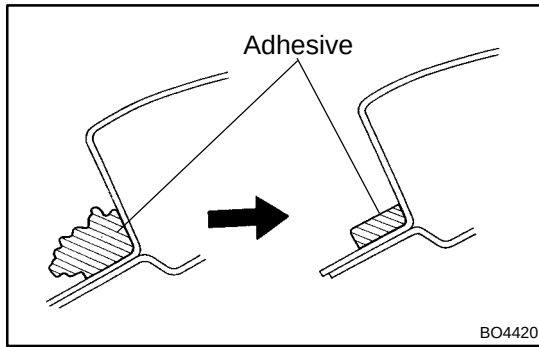
Install the upper No.1 trim cover to the slide door panel.

**13. INSTALL DOOR TRIM**

- (a) Install the door trim to the slide door panel.
- (b) Install the screw.

14. INSTALL CUP HOLDER

Install the cup holder to the slide door panel.



INSTALLATION

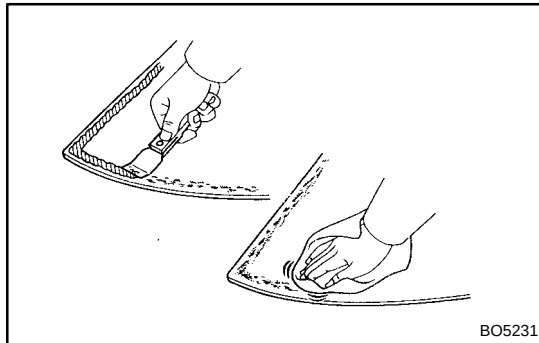
1. CLEAN AND SHAPE CONTACT SURFACE OF BODY

- (a) Using a knife, cut away any rough areas on the body.

HINT:

Leave as much of the adhesive on the body as possible.

- (b) Clean the cutting surface of the adhesive with a piece of shop rag saturated in cleaner.



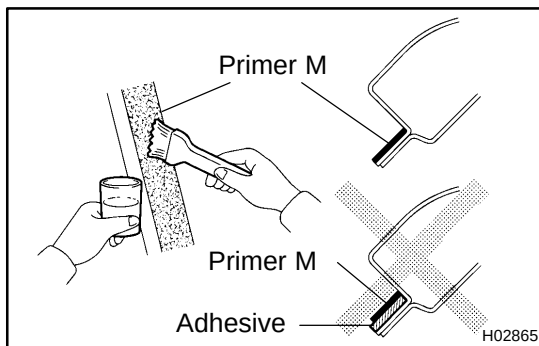
2. CLEAN REMOVED GLASS

- (a) Using a scraper, remove the adhesive sticking to the glass.

- (b) Clean the glass with cleaner.

NOTICE:

Do not touch the glass surface after cleaning it.

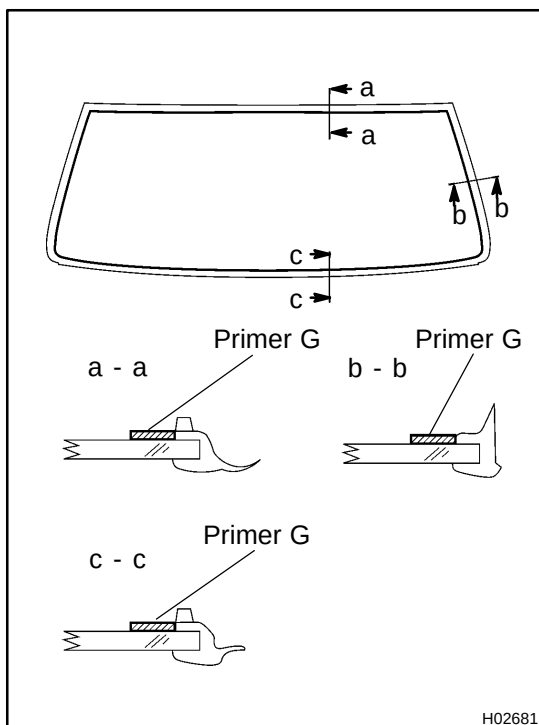


3. COAT CONTACT SURFACE OF BODY WITH PRIMER "M"

Using a brush, Primer M to the exposed part of body on the vehicle side.

NOTICE:

- Let the primer coating dry for 3 minutes or more.
- Do not coat primer M to the adhesive.
- Do not keep any of the opened primer M for later use.



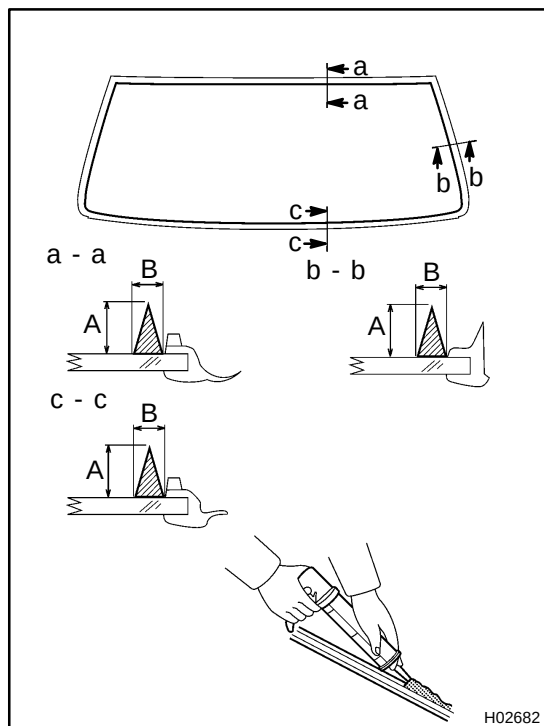
4. COAT CONTACT SURFACE OF GLASS WITH PRIMER "G"

- (a) Using a brush or a sponge, coat the edge of the glass and the contact surface with primer G.

- (b) Before the primer dries, wipe it off with a clean shop rag.

NOTICE:

- Let the primer coating dry for 3 minutes or more.
- Do not keep any of the opened primer G for later use.



5. APPLY ADHESIVE

- (a) Cut off the tip of the cartridge nozzle.

HINT:

After cutting off the tip, use all adhesive within the time described in the table below.

Temperature	Tackfree time
35 °C (95 °F)	15 minutes
20 °C (68 °F)	100 minutes
5 °C (41 °F)	8 hours

- (b) Load the cartridge into the sealer gun.
 (c) Coat the glass with adhesive as shown.

A: 12.0 mm (0.472 in.)

B: 8.0 mm (0.315 in.)

6. INSTALL BACK DOOR GLASS

- (a) Install the glass to the body.
 (b) Use adhesive tape to keep the glass installed tightly against the body.

NOTICE:

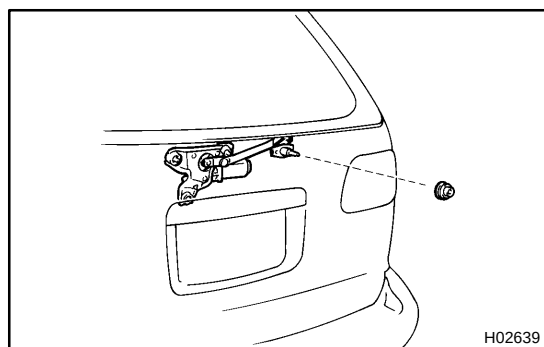
Take care not to drive the vehicle during the time described in the table below.

Temperature	Minimum time prior to driving the vehicle
35 °C (95 °F)	1.5 hours
20 °C (68 °F)	5 hours
5 °C (41 °F)	24 hours

7. INSPECT FOR LEAK AND REPAIR

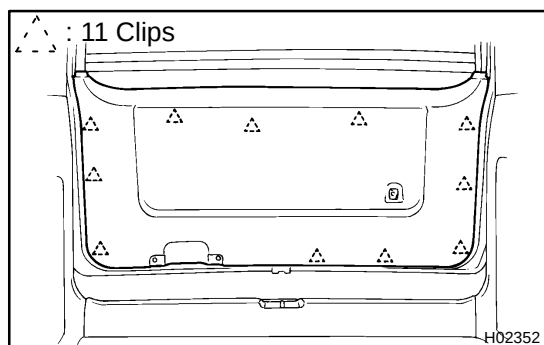
- (a) Conduct a leak test after the hardening time has elapsed.
 (b) Seal any leak with sealant.

Part No. 08833-00030 or equivalent



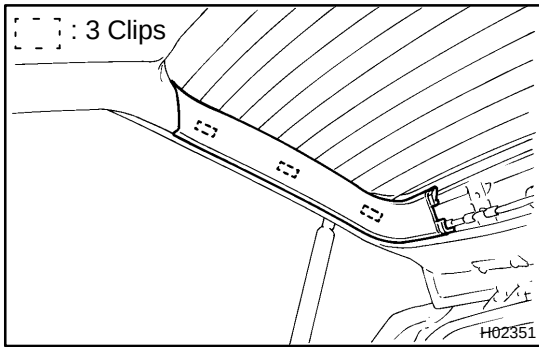
8. INSTALL WIPER MOTOR AND LINK ASSEMBLY

- (a) Install the grommet.
 (b) Install the wiper motor and link assembly with 5 bolts.
Torque: 5.4 N·m (55 kgf·cm, 48 in·lbf)
 (c) Connect the connector.

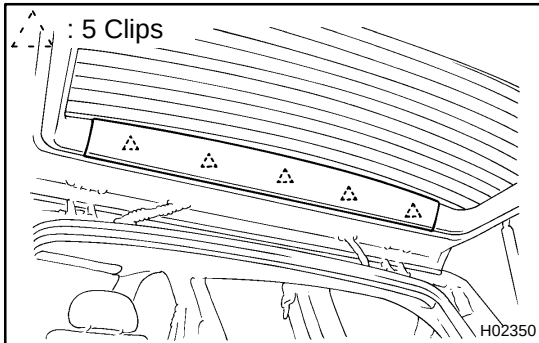


9. INSTALL BACK DOOR TRIM BOARD

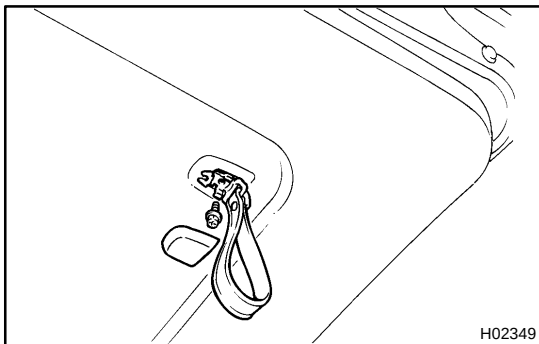
Install the back door trim board to the back door panel.

**10. INSTALL SIDE GARNISH**

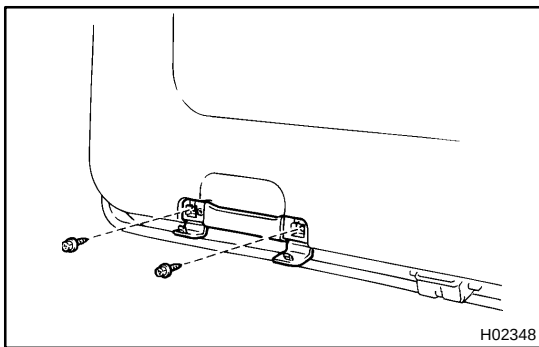
- (a) Install the side garnish to the back door panel.
- (b) Employ the same manner described above to the other side.

**11. INSTALL CENTER GARNISH**

- (a) Install the center garnish to the back door panel.
- (b) Employ the same manner described above to the other side.

**12. INSTALL BACK DOOR PULL STRAP**

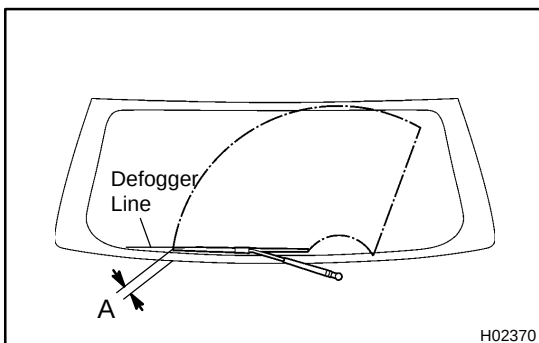
- (a) Install the pull strap with the screw.
- (b) Install the strap cover.

**13. INSTALL BACK DOOR ASSIST GRIP**

- (a) Install the assist grip with the 2 screws.
- (b) Close the covers.

14. INSTALL REAR WIPER ARM

- (a) Operate the wiper once and turn the wiper switch OFF.
- (b) Install the wiper arm and tighten nuts by hand.



- (c) Adjust the installation position of the wiper arm to the position shown in the illustration.

A: 38.6 mm (1.520 in.)

- (d) Torque the nuts.

Torque: 5.4 N·m (55 kgf·cm, 48 in·lbf)

INSTALLATION

1. INSTALL FRONT FENDER OUTSIDE MOULDING

Install the moulding with 2 screws.

2. INSTALL FRONT DOOR OUTSIDE MOULDING

(a) Clean the door mounting surface.

- (1) Using a heat light, heat the door mounting surface to 40 - 60 °C (104 - 140 °F).

NOTICE:

Do not heat door excessively.

- (2) Remove the adhesive tape from the door.
- (3) Wipe off stains with cleaner.
- (b) If reusing moulding:
Clean the moulding.
 - (1) Using a heat light, heat the moulding to 20 - 30 °C (68 - 86 °F).

NOTICE:

Do not heat moulding excessively.

- (2) Remove the adhesive tape from the moulding.
- (3) Wipe off stains with cleaner.
- (4) Apply new adhesive tape to the moulding as shown in the illustration.
- (c) Install the moulding.
 - (1) Using a heat light, heat the door and moulding.
Body: 40 - 60 °C (104 - 140 °F)
Moulding: 20 - 30 °C (68 - 86 °F)

NOTICE:

Do not heat moulding excessively.

- (2) Lift the moulding release sheet from the face of moulding.

NOTICE:

When the moulding release sheet is removed, make sure that no dirt or dust can get on to the uncoated area.

- (3) Install the moulding to the door.
- (4) Install the 2 nuts and 2 hole plugs.

3. INSTALL SLIDE DOOR OUTSIDE MOULDING

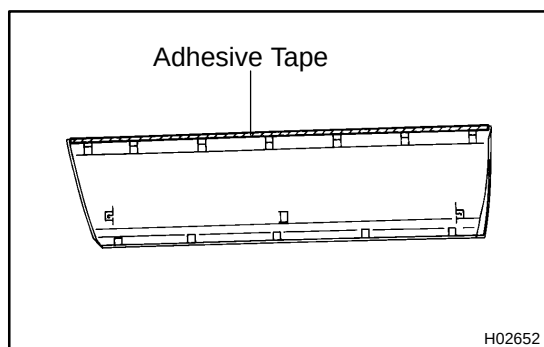
(a) Clean the door mounting surface.

- (1) Using a heat light, heat the door mounting surface to 40 - 60 °C (104 - 140 °F).

NOTICE:

Do not heat door excessively.

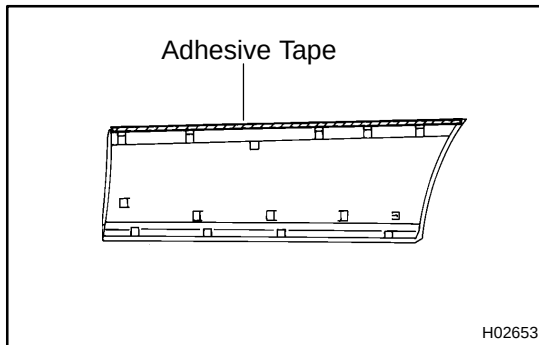
- (2) Remove the adhesive tape from the door.
- (3) Wipe off stains with cleaner.



- (b) If reusing moulding:
Clean the moulding.
 - (1) Using a heat light, heat the moulding to 20 - 30 °C (68 - 86 °F).

NOTICE:**Do not heat moulding excessively.**

- (2) Remove the adhesive tape from the moulding.
- (3) Wipe off stains with cleaner.



- (4) Apply new adhesive tape to the moulding as shown in the illustration.
- (c) Install the moulding.
 - (1) Using a heat light, heat the door and moulding.
Body: 40 - 60 °C (104 - 140 °F)
Moulding: 20 - 30 °C (68 - 86 °F)

NOTICE:**Do not heat moulding excessively.**

- (2) Lift the moulding release sheet from the face of moulding.

NOTICE:

When the moulding release sheet is removed, make sure that no dirt or dust can get on to the uncoated area.

- (3) Install the moulding to the door.
- (4) Install the nut.

4. INSTALL OUTSIDE QUARTER MOULDING

Install the moulding with the 3 screws.

5. INSTALL BACK DOOR OUTSIDE MOULDING

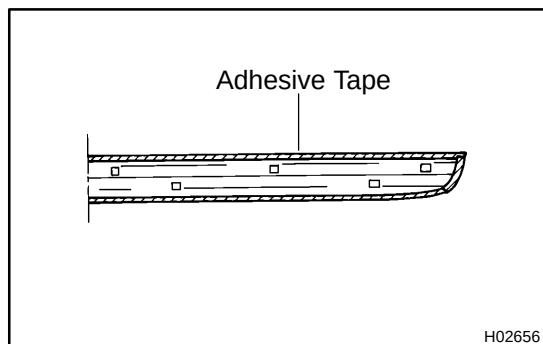
- (a) Clean the door mounting surface.
 - (1) Using a heat light, heat the door mounting surface to 40 - 60 °C (104 - 140 °F).

NOTICE:**Do not heat door excessively.**

- (2) Remove the adhesive tape from the door.
- (3) Wipe off stains with cleaner.
- (b) If reusing moulding:
Clean the moulding.
 - (1) Using a heat light, heat the moulding to 20 - 30 °C (68 - 86 °F).

NOTICE:**Do not heat moulding excessively.**

- (2) Remove the adhesive tape from the moulding.
- (3) Wipe off stains with cleaner.



(4) Apply new adhesive tape to the moulding as shown in the illustration.

(c) Install the moulding.

(1) Using a heat light, heat the body and moulding.

Body: 40 - 60 °C (104 - 140 °F)

Moulding: 20 - 30 °C (68 - 86 °F)

NOTICE:

Do not heat moulding excessively.

(2) Lift the moulding release sheet from the face of moulding.

NOTICE:

When the moulding release sheet is removed, make sure that no dirt or dust can get on to the uncoated area.

(3) Install the moulding to the door.

INSTALLATION

Installation is in the reverse order of removal (See page [BO-16](#)).

HINT:

When the battery is disconnected or the power to the power slide door motor is cut, the power slide door control system does not operate. It is necessary to initialize the system in the following procedures. Otherwise slide door cannot be operated normally.

- Disconnect the battery negative (-) terminal for more than 1 min., and install it.
- Close the slide door manually.
- Push the power slide door MAIN switch ON and wait for 5 secs.
- Fully open the slide door by the power slide door control switch and wait for 3 secs (A).
- Fully close the slide door by the power slide door control switch and wait for 3 secs (B).
- Repeat the step (A) and (B).

INSTALLATION

INSTALL FRONT SEAT

- (a) Slide the front seat to the most front position.

NOTICE:

Make sure that seat adjuster locks.

- (b) Without holding the seat track handle, mount the seat to the vehicle.

HINT:

If holding the seat track handle, the adjusted most front positions slip off.

- (c) Connect the connector.
- (d) Tighten the bolts on the rear side temporarily, tighten them completely starting from the bolt on the inner side.

Torque: 37 N·m (380 kgf·cm, 27 ft·lbf)

- (e) Slide the seat to the most rear position to install the bolts on the front side.

Torque: 37 N·m (380 kgf·cm, 27 ft·lbf)

INSTALLATION

Installation is in the reverse order of removal (See page [BO-1 15](#)).

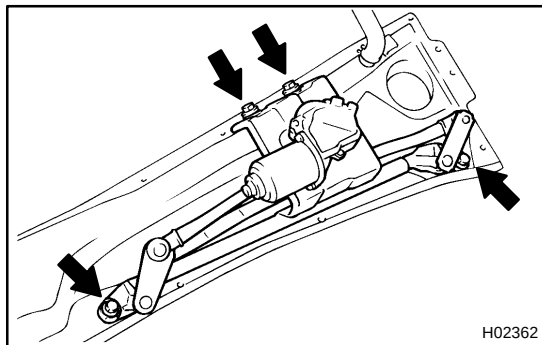
INSTALLATION

1. **INSTALL NO.2 COWL WATER EXTRACT HOSE**
2. **INSTALL NO.1 COWL WATER EXTRACT HOSE**
3. **INSTALL WIPER MOTOR AND LINK ASSEMBLY**

- (a) Install the wiper motor with 3 screws to the wiper link assembly.

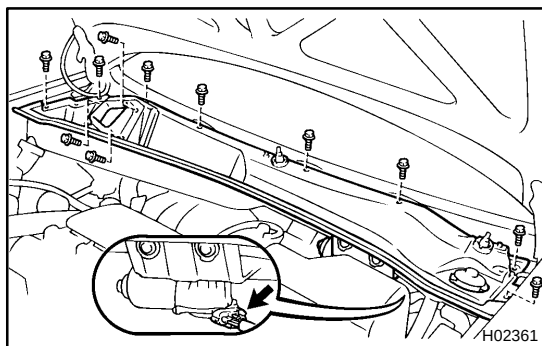
Torque: 5.5 N·m (56 kgf·cm, 49 in·lbf)

- (b) Connect the wiper link to the wiper motor.



- (c) Install the wiper motor and link assembly with 4 bolts to the outer front cowl top panel.

Torque: 7.4 N·m (75 kgf·cm, 65 in·lbf)



4. **INSTALL OUTER FRONT COWL TOP PANEL**

Connect the wiper motor connector, then install the panel with 11 bolts.

Torque: 7.8 N·m (80 kgf·cm, 69 in·lbf)

5. **INSTALL WASHER NOZZLES**
6. **INSTALL COWL TOP VENTILATOR LOUVERS**
7. **INSTALL HOOD TO COWL TOP SEAL**
8. **INSTALL WIPER ARMS**

- (a) Operate the wipers once and turn the wiper switch OFF.
- (b) Install the wiper arms and tighten nuts by hand.
- (c) Adjust the installation position of the wiper arms to the positions shown in the illustration.

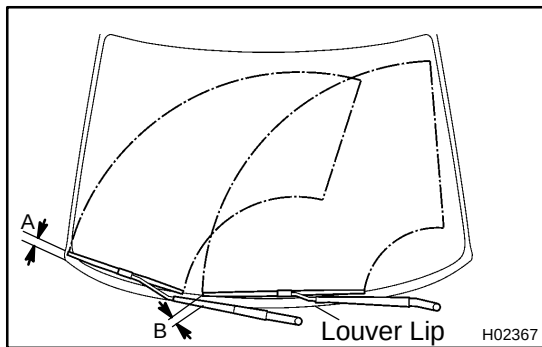
A: Approx. 25.0 mm (0.98 in.)

B: Approx. 32.0 mm (1.26 in.)

- (d) Torque the nuts.

Torque: 20 N·m (205 kgf·cm, 15 ft·lbf)

- (e) Install the wiper arm head caps.



INSTALLATION

Installation is in the reverse order of removal (See page [BO-91](#)).

INSTALLATION

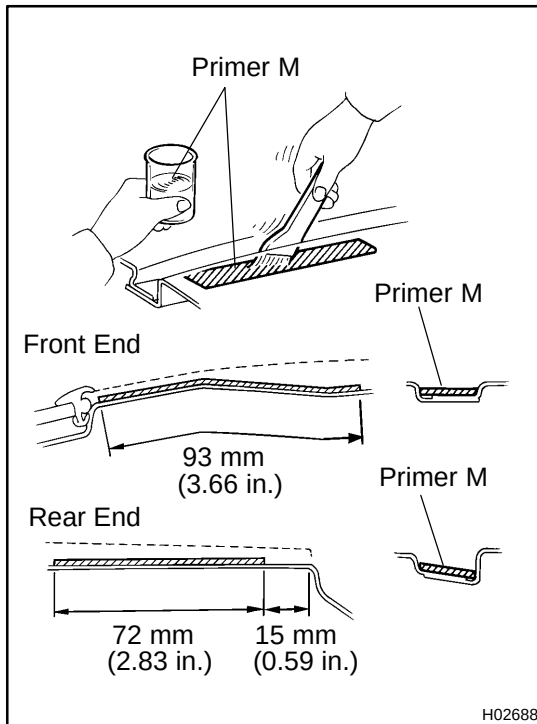
1. CLEAN BODY MOUNTING SURFACE

- (a) Using a heat light, heat the moulding to 40 - 60 °C (104 - 140 °F).

NOTICE:

Do not heat moulding excessively.

- (b) Remove the adhesive tape and adhesive from the body.
(c) Wipe off stains with cleaner.

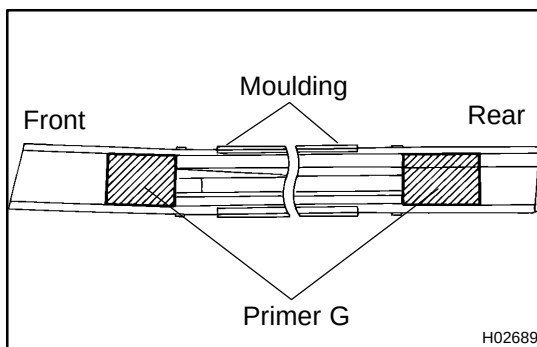


2. COAT CONTACT SURFACE OF BODY WITH PRIMER "M"

Using a brush, coat the contact surface on the body with primer M.

NOTICE:

- Let the primer coating dry for 3 minutes or more.
- Do not coat primer M to the adhesive.
- Do not keep any of the opened primer M for later use.

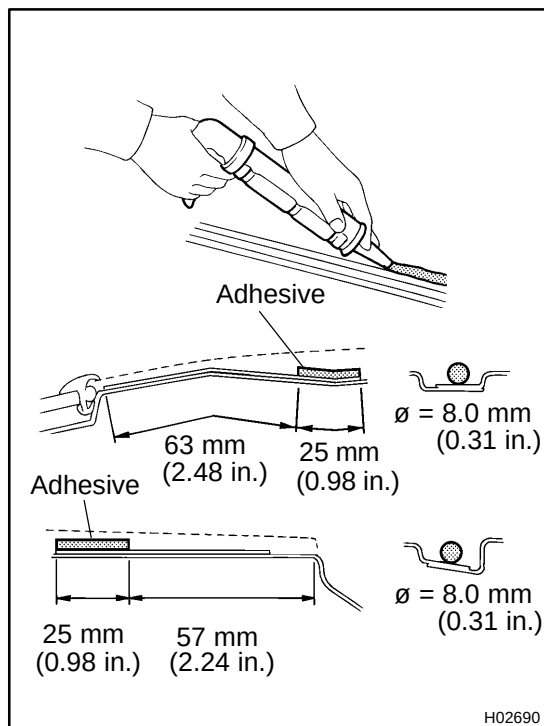


3. COAT CONTACT SURFACE OF MOULDING WITH PRIMER "G"

- (a) Using a brush or a sponge, coat the moulding and contact surface with primer G as shown in the illustration.
(b) Before the primer dries, wipe it off with a clean shop rag.

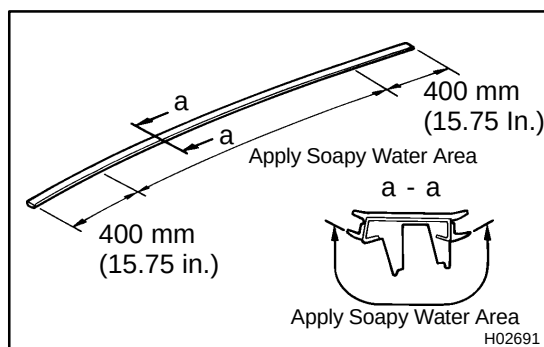
NOTICE:

- Let the primer coating dry for 3 minutes or more.
- Do not keep any of the opened primer G for later use.



4. APPLY ADHESIVE

- Cut off the tip of the cartridge nozzle.
- Load the cartridge into the sealer gun.
- Coat the moulding with adhesive as shown in the illustration.



5. INSTALL ROOF DRIP SIDE FINISH MOULDING

- Apply soapy water to contact surface of the moulding as shown in the illustration.
- Using a heat light, heat the body and moulding.

Body: 40 - 60 °C (104 - 140 °F)

Moulding: 20 - 30 °C (68 - 86 °F)

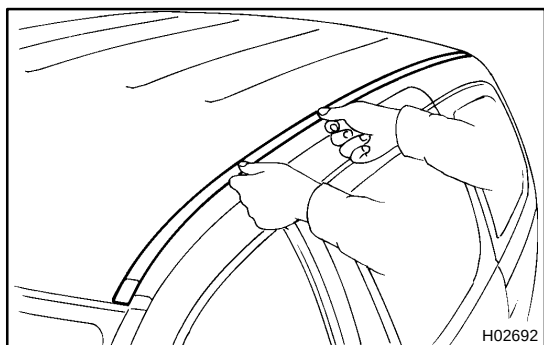
NOTICE:

Do not heat moulding excessively.

- Remove the moulding release sheet from the face of moulding.

NOTICE:

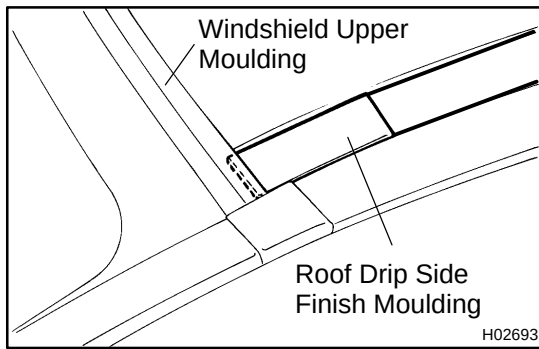
When the moulding release sheet is removed, make sure that no dirt or dust can get onto the uncoated area.



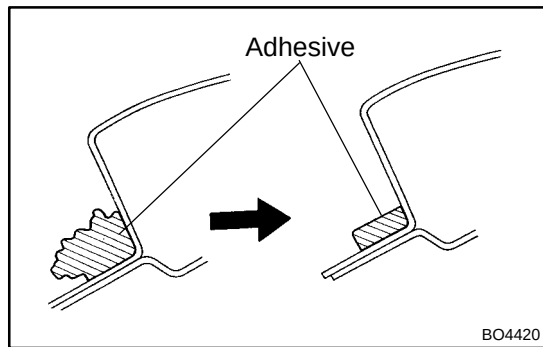
- Push the moulding to the body, as shown in the illustration.

NOTICE:

- Do not depress the adhesive coated parts excessively but just hold them down with your thumb.
- Scrape off any overflowing adhesive with a plastic spatula and clean the surface with a dry rag.
- After installation, do not wash the vehicle for 24 hours.



- **Insert the moulding securely as shown in the illustration.**



INSTALLATION

1. CLEAN AND SHAPE CONTACT SURFACE OF BODY

- (a) Using a knife, cut away any rough areas on the body.

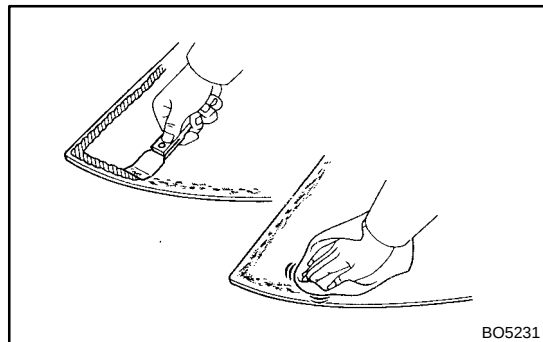
HINT:

Leave as much of the adhesive on the body as possible.

- (b) Clean the cutting surface of the adhesive with a piece of shop rag saturated in cleaner.

HINT:

Even if all the adhesive has been removed, clean the body.



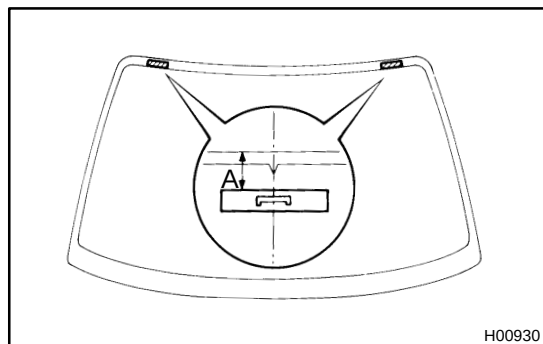
2. CLEAN REMOVED GLASS

- (a) Using a scraper, remove the adhesive sticking to the glass.

- (b) Clean the glass with cleaner.

NOTICE:

Do not touch the glass surface after cleaning it.



3. REPLACE STOPPERS

- (a) Remove the damaged stoppers.

- (b) Cut off the old adhesive around the stopper installation area.

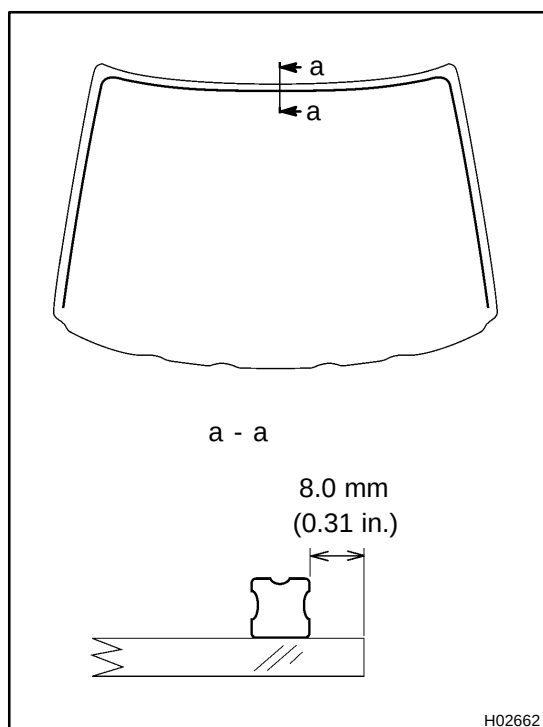
NOTICE:

Be careful not to damage the glass.

- (c) Clean the installation area.

- (d) Install new stoppers onto the glass.

A: 13.6 mm (0.98 in.)



4. REPLACE DAM

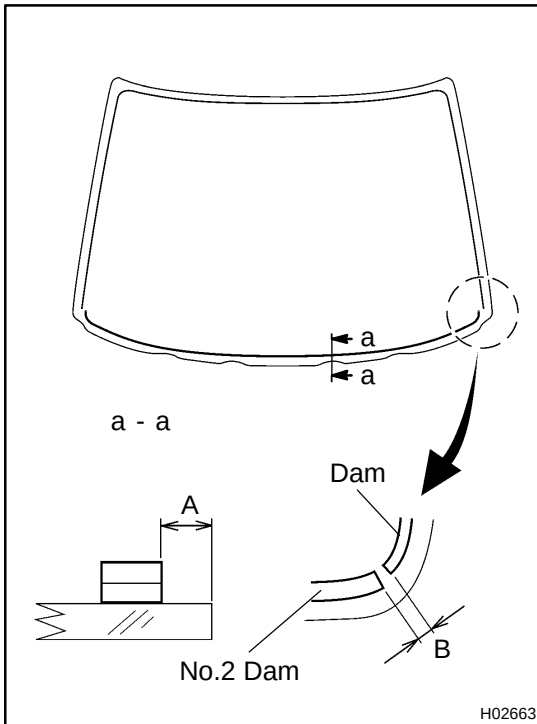
- (a) Remove the damaged dam.

- (b) Clean the installation area.

- (c) Install a new dam with adhesive tape as shown in the illustration.

NOTICE:

Do not touch the glass surface after cleaning it.



5. INSTALL NO.2 DAM

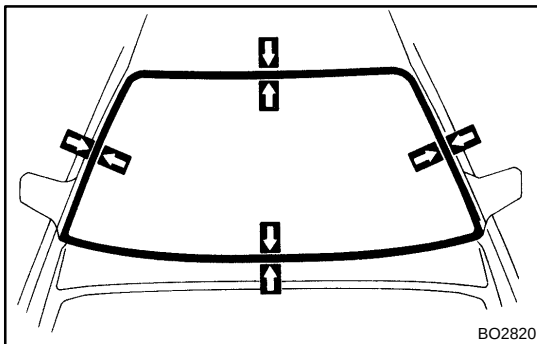
- Remove the damaged dam.
- Clean the installation area.
- Install the dam with adhesive tape as shown in the illustration.

NOTICE:

Do not touch the glass surface after cleaning it.

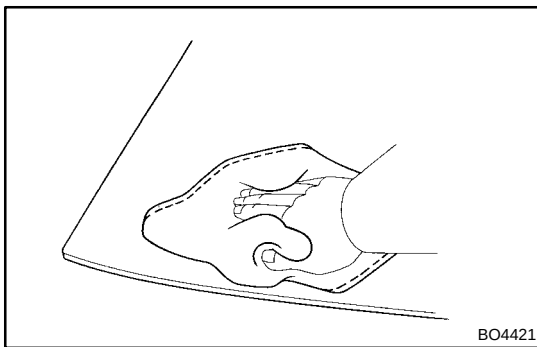
A: 22.0 mm (0.87 in.)

B: 3.0 ± 3.0 mm (0.12 ± 0.12 in.)



6. POSITION GLASS

- Place glass in the correct position.
- Check that all contacting parts of the glass rim are perfectly even and do not make contact with the fasteners.
- Place reference marks between the glass and body.
- Remove the glass.

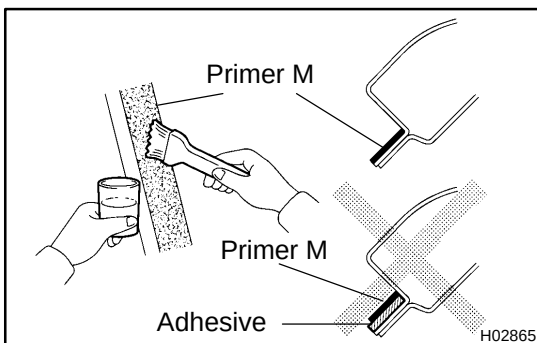


7. CLEAN CONTACT SURFACE OF GLASS

Using a cleaner, clean the contact surface which is black-colored area around the entire glass rim.

NOTICE:

Do not touch the glass face after cleaning it.

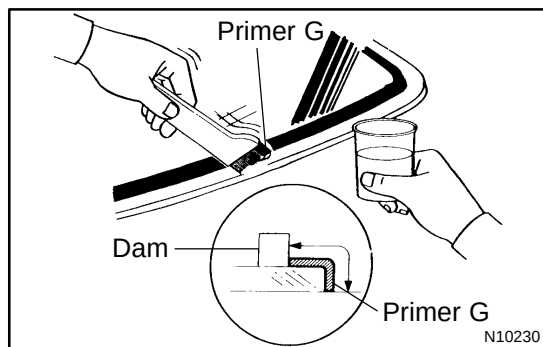


8. COAT CONTACT SURFACE OF BODY WITH PRIMER "M"

Using a brush, coat Primer M to the exposed part of body on the vehicle side.

NOTICE:

- Let the primer coating dry for 3 minutes or more.
- Do not coat primer M to the adhesive.
- Do not keep any of the opened primer M for later use.

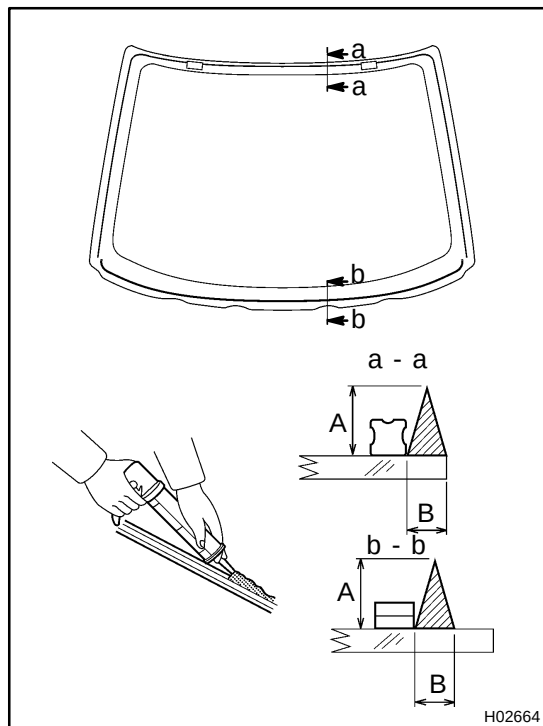


9. COAT CONTACT SURFACE OF GLASS WITH PRIMER "G"

- Using a brush or a sponge, coat the edge of the glass and the contact surface with primer G.
- Before the primer dries, wipe it off with a clean shop rag.

NOTICE:

- Let the primer coating dry for 3 minutes or more.
- Do not keep any of the opened primer G for later use.



10. APPLY ADHESIVE

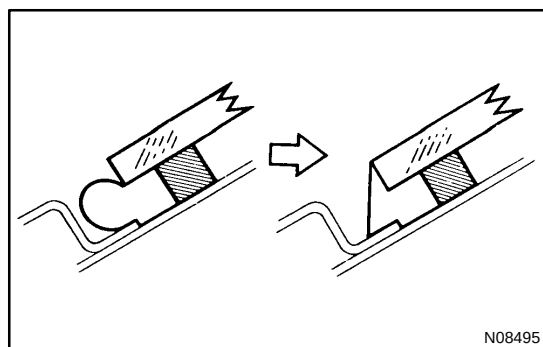
- Cut off the tip of the cartridge nozzle.
Part No. 08850-00801 or equivalent

HINT:

After cutting off the tip, use all adhesive within the time described in the table below.

Temperature	Tackfree time
35 °C (95 °F)	15 minutes
20 °C (68 °F)	100 minutes
5 °C (41 °F)	8 hours

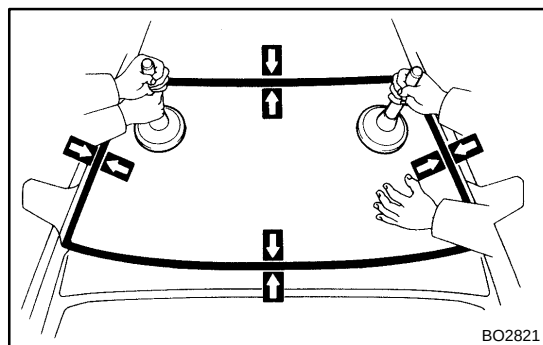
- Load the cartridge into the sealer gun.
- Coat the glass with adhesive as shown.
A: 12.0 mm (0.472 in.)
B: 8.0 mm (0.315 in.)



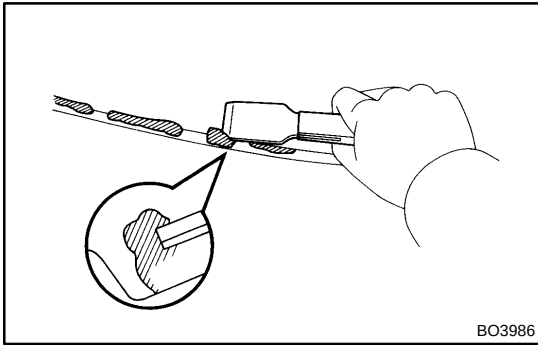
11. INSTALL GLASS

HINT:

Check that the dam is attached to the body panel as shown in the illustration.



- Position the glass so that the reference marks are lined up, and press in gently along the rim.
- Using a spatula, apply adhesive on the glass rim.



BO3986

- (c) Use a scraper to remove any excessive or protruding adhesive.
- (d) Hold the glass in place securely with a protective tape or equivalent until the adhesive hardens.

NOTICE:

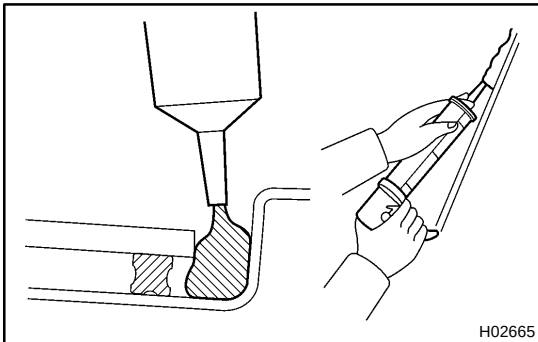
Take care not to drive the vehicle during the time described in the table below.

Temperature	Minimum time prior to driving the vehicle
35 °C (95 °F)	1.5 hours
20 °C (68 °F)	5 hours
5 °C (41 °F)	24 hours

12. INSPECT FOR LEAK AND REPAIR

- (a) Conduct a leak test after the hardening time has elapsed.
- (b) Seal any leak with sealant.

Part No. 08833-00030 or equivalent

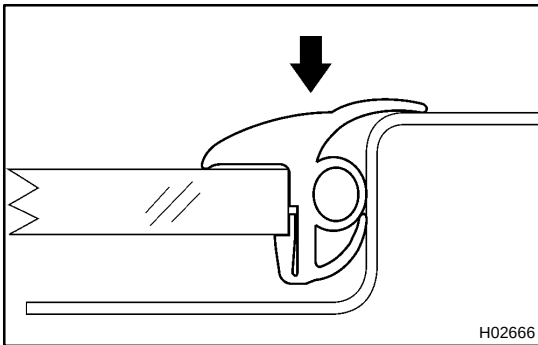


H02665

13. APPLY ADHESIVE TO MOULDING INSTALLATION AREA

Apply adhesive to the moulding installation area between the glass and the body.

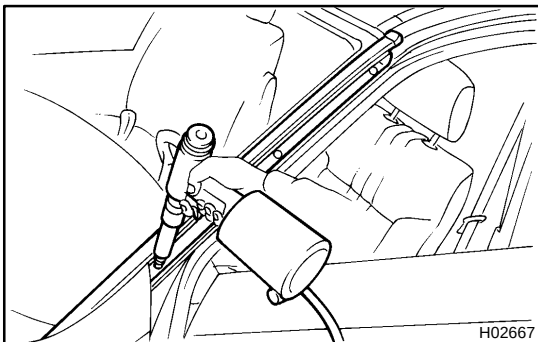
Part No. 08833-00030 or equivalent



H02666

14. INSTALL UPPER OUTSIDE MOULDING

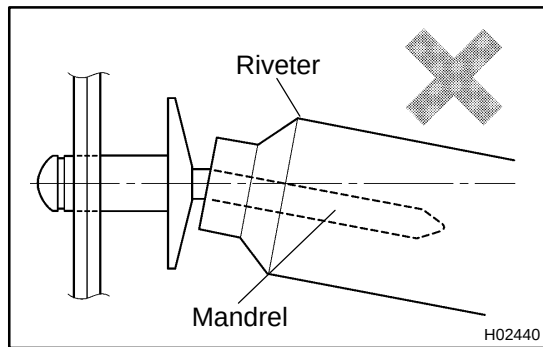
Place the moulding onto the body and tap it by hand.



H02667

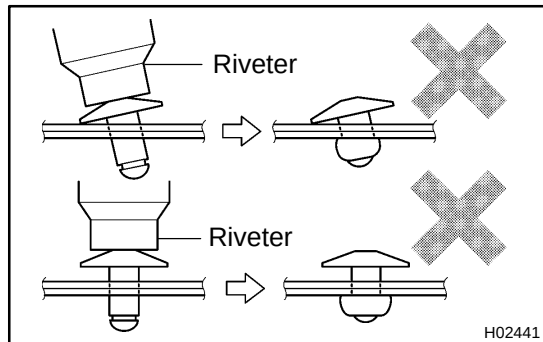
15. INSTALL OUTSIDE MOULDING

- (a) Using an air riveter or hand riveter, install the 3 rivets and outside moulding.
- (b) Employ the same manner described above to the other side.

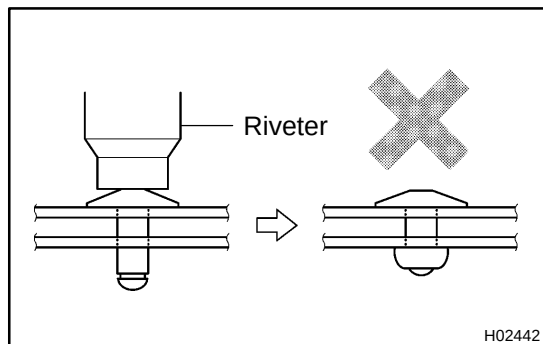
**NOTICE:**

At the time of reassembly, please refer to the following items.

- Do not prize a riveter, as riveter is damaged, it is not tightened and the mandrel is bent.



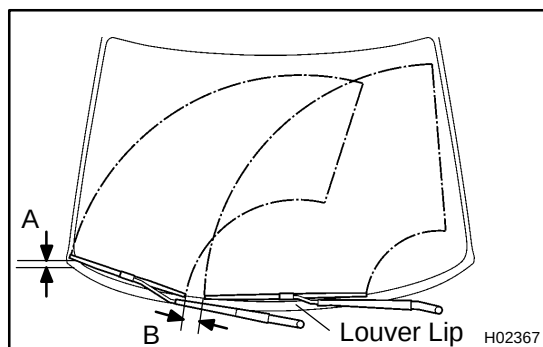
- Do not tilt the riveter and disconnect the rivet from the material while handling a riveter, as the materials are not tightened firmly.



- Install the rivet while attaching materials, as they are not tightened firmly.

16. INSTALL COWL TOP VENTILATOR LOUVERS**17. INSTALL HOOD TO COWL TOP SEAL****18. INSTALL WIPER ARMS**

- Operate the wipers once and turn the wiper switch OFF.
- Install the wiper arms and tighten nuts by hand.



- Adjust the installation position of the wiper arms to the positions shown in the illustration.

A: Approx. 25.0 mm (0.98 in.)

B: Approx. 32.0 mm (1.26 in.)

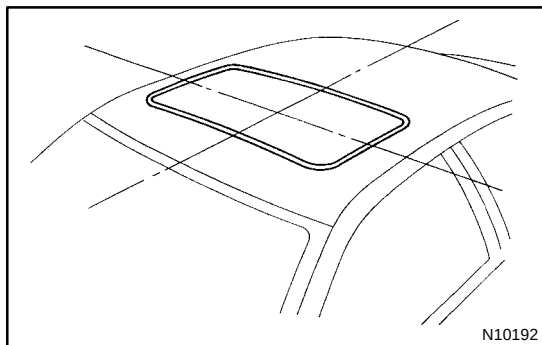
- Torque the nuts.

Torque: 20 N·m (205 kgf·cm, 15 ft·lbf)

- Install the wiper arm head caps.

19. INSTALL FRONT SIDE OF ROOF HEADLINING
(See page [BO-113](#))

20. INSTALL GLASSES BOX**21. INSTALL ROOF CONSOLE BOX****22. INSTALL ROOF DRIP SIDE CHANNELS****23. w/ Sliding roof:****INSTALL SLIDING ROOF OPENING TRIM MOULDING****24. INSTALL ASSIST GRIP****25. INSTALL SUN VISORS AND HOLDERS****26. INSTALL FRONT PILLAR GARNISHES****27. INSTALL FRONT DOOR OPENING TRIM COVERS****28. INSTALL COWL SIDE BOARDS****29. INSTALL FRONT DOOR SCUFF PLATES**



SLIDING ROOF ON-VEHICLE INSPECTION

B00T9-02

INSPECT SLIDING ROOF GLASS ALIGNMENT

- (a) Start the engine and check the operation time of the sliding roof.

Operation time:

Approx. 6 secs.

- (b) Check for abnormal noise or binding during operation.
(c) With the sliding roof fully closed, check for water leakage.
(d) Check for a difference in level between the sliding roof weatherstrip and roof panel.

Except rear corner:

0 ± 1.5 mm (0 ± 0.059 in.)

Rear corner:

0 + 1.5 mm (0 + 0.059 in.)

0 - 1.0 mm (0 - 0.039 in.)

SRS AIRBAG

BOORW-08

PRECAUTION

The SIENNA is equipped with an SRS (Supplemental Restraint System) such as the driver airbag, front passenger airbag and side airbag. Failure to carry out service operation in the correct sequence could cause the SRS to unexpectedly deploy during servicing, possibly leading to a serious accident. Before servicing (including removal or installation of parts, inspection or replacement), be sure to read the precautionary notices in the RS section.

REASSEMBLY

Reassembly is in the reverse order of disassembly (See page [BO-29](#)).

REASSEMBLY

1. INSTALL REAR SEAT LOCKS

Torque: 41 N·m (420 kgf·cm, 30 ft·lbf)

2. INSTALL REAR NO.1 SEAT CENTER BELT

Torque: 43 N·m (440 kgf·cm, 32 ft·lbf)

3. INSTALL SEAT CUSHION COVER

(a) Install the seat cushion cover to the seat cushion pad.

(b) Install the seat cushion frame to the seat cushion cover with pad.

4. INSTALL SEAT CUSHION ASSEMBLY

(a) Install the seat cushion assembly with 4 nuts.

Torque: 18 N·m (185 kgf·cm, 13 ft·lbf)

(b) w/o CRS:

Install the 2 bolts.

Torque: 18 N·m (185 kgf·cm, 13 ft·lbf)

5. INSTALL SEATBACK COVER

(a) Install the seatback cover to seatback pad.

(b) Install the seatback frame.

(c) Install the 4 headrest supports.

(d) w/ CRS:

Install the child restraint seat.

(e) w/ CRS:

Install the child restraint seat cover.

(f) Install the seatback board with 3 clips.

(g) Install the 2 headrests.

(h) Insert the reclining connecting pipe to the seatback assembly.

6. INSTALL REAR SEAT RECLINING ADJUSTERS

(a) Adjust the reclining lock positions of the reclining adjusters.

(b) Connect the reclining connecting pipe.

(c) Install the 4 bolts to seatback assembly.

Torque: 43 N·m (440 kgf·cm, 32 ft·lbf)

(d) Install the 4 bolts to seat cushion assembly.

Torque: 43 N·m (440 kgf·cm, 32 ft·lbf)

7. INSTALL REAR NO.1 SEAT INNER BELT

Torque: 43 N·m (440 kgf·cm, 32 ft·lbf)

8. INSTALL REAR SEAT RECLINING COVERS

9. INSTALL CUP HOLDERS

10. INSTALL ARMREST

Torque: 37 N·m (380 kgf·cm, 27 ft·lbf)

11. INSTALL RELEASE HANDLE

12. INSTALL RELEASE HANDLE COVER

REASSEMBLY

Reassembly is in the reverse order of disassembly (See page [BO-104](#)).

REASSEMBLY

1. INSTALL REAR SEAT LOCKS

Install the 2 rear seat locks with 4 bolts to the No.1 seat leg.

Torque: 41 N·m (420 kgf·cm, 30 ft·lbf)

2. INSTALL REAR NO.1 SEAT ADJUSTER

(a) Install the inner No.1 seat adjuster with 3 nuts to the seat leg.

Torque: 10 N·m (105 kgf·cm, 8 ft·lbf)

(b) Install the outer No.1 seat adjuster with 2 nuts to the seat leg.

Torque: 10 N·m (105 kgf·cm, 8 ft·lbf)

3. INSTALL FRONT CONNECTING PIPE

Torque: 18 N·m (185 kgf·cm, 13 ft·lbf)

4. INSTALL SEAT TRACK ADJUSTING HANDLE

5. INSTALL SEAT CUSHION COVER

(a) Install the seat cushion cover to the seat cushion pad.

(b) Install the seat cushion frame to the seat cushion with pad.

6. INSTALL SEAT CUSHION ASSEMBLY

(a) Slide the seat adjuster to the most front position.

(b) Install the seat cushion assembly with 4 bolts.

Torque: 18 N·m (185 kgf·cm, 13 ft·lbf)

7. INSTALL REAR NO.1 SEAT HINGES AND RECLINING CONNECTING PIPE

Install the rear No.1 seat hinge with 4 bolts and reclining connecting pipe with another 2 bolts.

Torque: 18 N·m (185 kgf·cm, 13 ft·lbf)

8. INSTALL SEATBACK COVER

(a) Install the seatback cover to the seatback pad.

(b) Install the seatback frame to the seatback cover with pad.

(c) Install the 2 headrest supports.

(d) Insert the reclining connection pipe sub-assembly to the seatback assembly.

(e) Install the headrest.

9. INSTALL SEATBACK ASSEMBLY

(a) Connect the reclining connecting pipe sub-assembly to the rear No.1 seat hinges.

(b) Install the 4 bolts.

Torque: 18 N·m (185 kgf·cm, 13 ft·lbf)

10. INSTALL SEATBACK BOARD

11. INSTALL NO.1 RECLINING COVERS

12. INSTALL SEATBACK HINGE COVERS

13. INSTALL CENTER ARMREST

Torque: 37 N·m (380 kgf·cm, 27 ft·lbf)

14. INSTALL REAR NO.1 SEAT INNER BELT

Torque: 43 N·m (440 kgf·cm, 32 ft·lbf)

15. INSTALL REAR SEAT CUSHION UNDER COVERS

16. INSTALL REAR SEAT CUSHION COVER

17. INSTALL CUP HOLDER

18. INSTALL RECLINING ADJUSTER RELEASE HANDLE

REASSEMBLY

1. **INSTALL NO. 1 SEAT UNDER TRAY RAIL**
2. **INSTALL SEAT TRACK ADJUSTING HANDLE**
3. **INSTALL SEAT CUSHION COVER**

- (a) Install the seat cushion cover to the seat cushion pad.
- (b) Install the seat cushion frame.

4. **INSTALL SEAT CUSHION ASSEMBLY**

Install the seat cushion assembly with the 4 bolts.

Torque: 18 N·m (185 kgf·cm, 13 ft·lbf)

5. **INSTALL SEATBACK COVER**

- (a) Install the seatback cover to the seatback pad.
- (b) Install the seatback frame.
- (c) Install the 2 seat hinge covers.
- (d) Install the 2 headrest supports.
- (e) Install the headrest.

- (f) w/ Assist grip:
Install the assist grip with the 2 screws.

- (g) w/ Assist grip:
Install the 2 assist grip plugs.

6. **INSTALL SEATBACK ASSEMBLY**

Install the 2 bushings and seatback assembly with the 4 bolts.

Torque: 18 N·m (185 kgf·cm, 13 ft·lbf)

7. **INSTALL CENTER ARMREST**

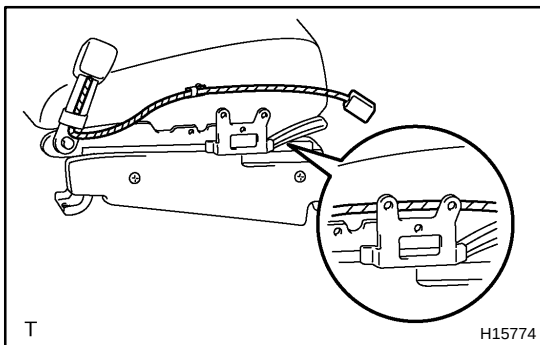
Install the bushings and center armrest with the bolt.

Torque: 37 N·m (380 kgf·cm, 27 ft·lbf)

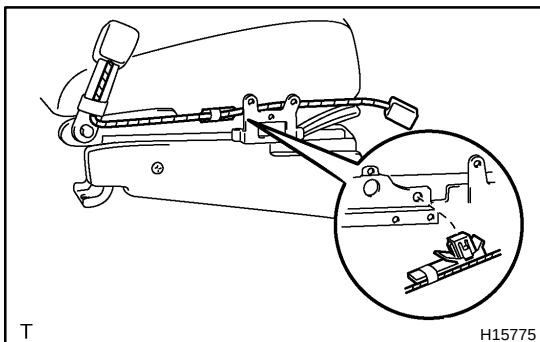
8. **INSTALL FRONT SEAT INNER BELT**

- (a) Install the front seat inner belt and washer with the bolt.

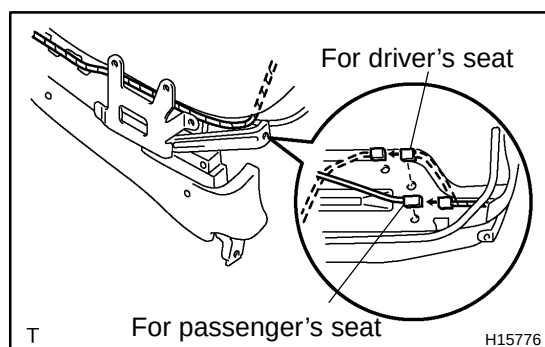
Torque: 43 N·m (440 kgf·cm, 32 ft·lbf)



- (b) Pass the wire harness between the seat cushion side and cup holder bracket as shown in the illustration.



- (c) Clamp the wire harness to the adjuster hole.



- (d) Pass the wire harness between the seat cushion and loop handle.
 - (e) Connect the connector and clamp the wire harness as shown in the illustration.
- 9. INSTALL SEAT TRACK UPPER RAIL COVERS**
 - 10. INSTALL SEAT CUSHION SHIELDS**
 - 11. Driver's seat:**
 - INSTALL VERTICAL SEAT ADJUSTER KNOB**
 - 12. INSTALL RECLINING ADJUSTER RELEASE HANDLE**
 - 13. INSTALL CUP HOLDER**

REASSEMBLY

Reassembly is in the reverse order of disassembly (See page [BO-19](#)).

REASSEMBLY

Reassembly is in the reverse order of disassembly (See page [BO-149](#)).

REASSEMBLY

Reassembly is in the reverse order of disassembly (See page [BO-8](#)).

REASSEMBLY

1. INSTALL SEAT CUSHION COVER

- Install the seat cushion cover to the seat cushion pad.
- Install the wire harness to the seat cushion frame.
- Install the seat cushion frame.

2. INSTALL SEAT CUSHION ASSEMBLY

Install the seat cushion assembly with the 4 bolts.

Torque: 18 N·m (185 kgf·cm, 13 ft·lbf)

3. INSTALL SEATBACK COVER

- Install the seatback cover to the seatback pad.
- Install the seatback frame.
- Install the 2 seat hinge covers.
- Install the 2 headrest supports.
- Install the headrest.
- Install the assist grip with the 2 screws.
- Install the 2 assist grip plugs.

4. INSTALL SEATBACK ASSEMBLY

Install the seatback assembly with the 4 bolts.

Torque: 18 N·m (185 kgf·cm, 13 ft·lbf)

5. INSTALL CENTER ARMREST

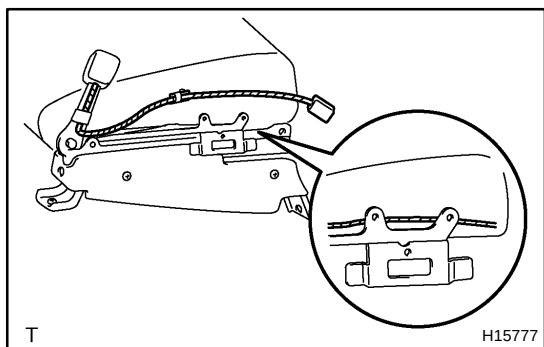
Install the center armrest with the bolt.

Torque: 37 N·m (380 kgf·cm, 27 ft·lbf)

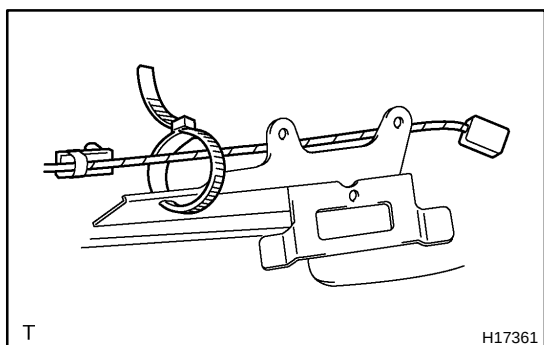
6. INSTALL FRONT SEAT INNER BELT

- Install the front seat inner belt and washer with the bolt.

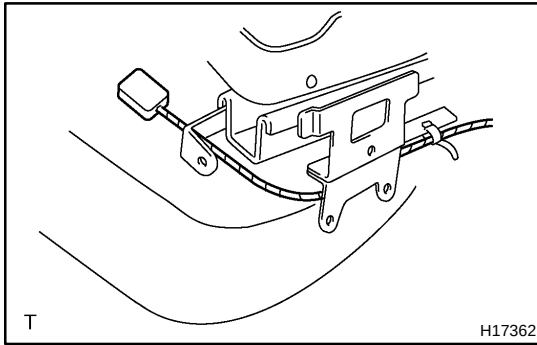
Torque: 43 N·m (440 kgf·cm, 32 ft·lbf)



- Pass the wire harness between the seat cushion side and cup holder bracket as shown in the illustration.



- Bind the wire harness with a band clamp as shown in the illustration.



- (d) Pass the wire harness between the seat cushion and bracket of the adjuster.
- (e) Connect the connector.
- 7. INSTALL POWER SEAT SWITCH**
- 8. INSTALL SEAT TRACK UPPER RAIL COVERS**
- 9. INSTALL SEAT CUSHION SHIELDS**
- 10. INSTALL POWER SEAT SWITCH KNOBS**
- 11. INSTALL CUP HOLDER**

REASSEMBLY

Reassembly is in the reverse order of disassembly (See page [BO-93](#)).

REASSEMBLY

1. INSTALL REAR SEAT LOCKS

Install the 2 rear seat locks with 4 bolts to the No.1 seat leg.

Torque: 41 N·m (420 kgf·cm, 30 ft·lbf)

2. INSTALL REAR NO.1 SEAT ADJUSTER

(a) Install the inner No.1 seat adjuster with 3 nuts.

Torque: 10 N·m (105 kgf·cm, 8 ft·lbf)

(b) Install the outer No.1 seat adjuster with 2 nuts.

Torque: 10 N·m (105 kgf·cm, 8 ft·lbf)

3. INSTALL SEAT TRACK ADJUSTING HANDLE

4. INSTALL SEAT CUSHION COVER

(a) Install the seat cushion cover to the seat cushion pad.

(b) Install the seat cushion frame to the seat cushion with pad.

5. INSTALL SEAT CUSHION ASSEMBLY

(a) Slide the seat adjuster to the most front position.

(b) Install the seat cushion assembly with 4 bolts.

Torque: 18 N·m (185 kgf·cm, 13 ft·lbf)

6. INSTALL REAR NO.1 SEAT HINGES AND RECLINING CONNECTING PIPE

Install the rear No.1 seat hinge with 4 bolts and reclining connecting pipe another with 2 bolts.

Torque: 18 N·m (185 kgf·cm, 13 ft·lbf)

7. INSTALL SEATBACK COVER

(a) Install the seatback cover to the seatback pad.

(b) Install the seatback frame to the seatback cover with pad.

(c) Install the 2 headrest supports.

(d) Insert the reclining connection pipe sub-assembly to the seatback assembly.

(e) Install the headrest.

8. INSTALL SEATBACK ASSEMBLY

(a) Connect the reclining connecting pipe sub-assembly to the rear No.1 seat hinges.

(b) Install the 4 bolts.

Torque: 18 N·m (185 kgf·cm, 13 ft·lbf)

9. INSTALL SEATBACK BOARD

10. INSTALL NO.1 RECLINING COVERS

11. INSTALL SEATBACK HINGE COVERS

12. INSTALL CENTER ARMREST

Torque: 37 N·m (380 kgf·cm, 27 ft·lbf)

13. INSTALL REAR NO.1 SEAT INNER BELT

Torque: 43 N·m (440 kgf·cm, 32 ft·lbf)

14. INSTALL REAR SEAT CUSHION UNDER COVER

15. INSTALL REAR SEAT CUSHION COVER

16. INSTALL CUP HOLDER

17. INSTALL RECLINING ADJUSTER RELEASE HANDLE

SEAT BELT PRETENSIONER REMOVAL

B03YD-01

NOTICE:

- If the wiring connector of the supplemental restraint system is disconnected with the ignition switch at ON or ACC, diagnostic trouble codes will be recorded.
- Never use SRS parts from another vehicle. When replacing parts, replace them with new parts.

1. REMOVE FRONT DOOR SCUFF PLATE
2. REMOVE REAR NO.1 SEAT OUTER BELT SHOULDER ANCHOR

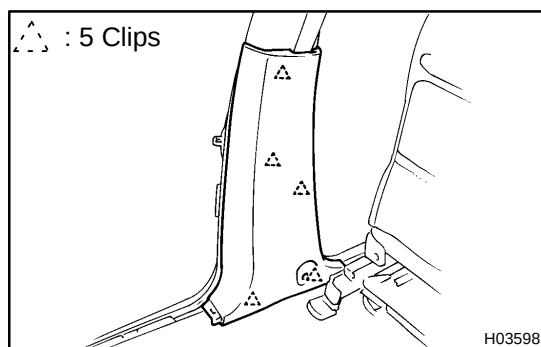
(a) Using a screwdriver, then remove the anchor cap.

HINT:

Tape the screwdriver tip before use.

(b) Remove the bolt and rear No.1 seat outer belt shoulder anchor.

3. REMOVE SLIDE DOOR SCUFF PLATE



4. REMOVE LOWER CENTER PILLAR GARNISH

- (a) Remove the bolt and front seat outer belt floor anchor.
- (b) Remove the lower center pillar garnish.

5. REMOVE RETRACTOR OF FRONT SEAT OUTER BELT

CAUTION:

Never disassemble the front seat outer belt.

NOTICE:

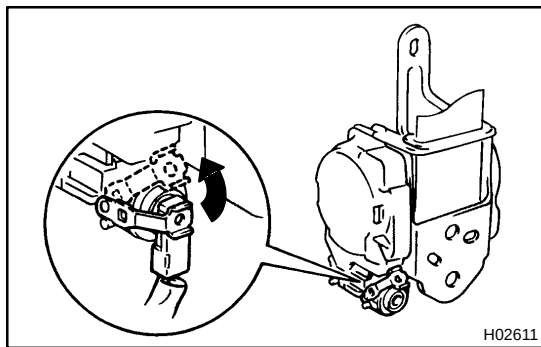
When removing the retractor of front seat outer belt, take care not to pull the seat belt pretensioner wire harness.

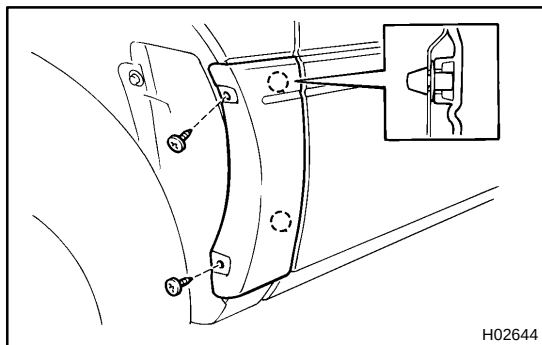
- (a) Disconnect the pretensioner connector as shown in the illustration.

CAUTION:

When removing the seat belt pretensioner, work must be started 90 seconds after the ignition switch is turned to the "LOCK" position and the negative (-) terminal cable is disconnected from battery.

- (b) w/ Seat belt warning:
Disconnect the retractor switch connector.
- (c) Remove the 2 bolts and front seat outer belt.





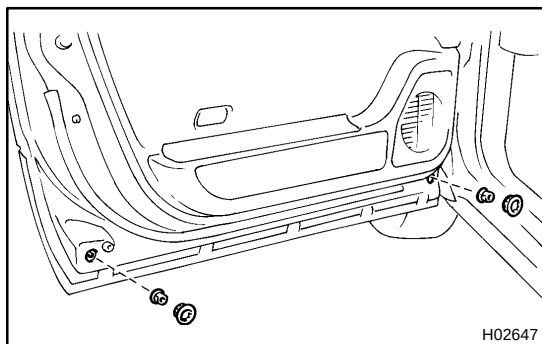
REMOVAL

1. REMOVE FRONT FENDER OUTSIDE MOULDING

- (a) Remove the 2 screws.
- (b) Using a screwdriver, remove the moulding.

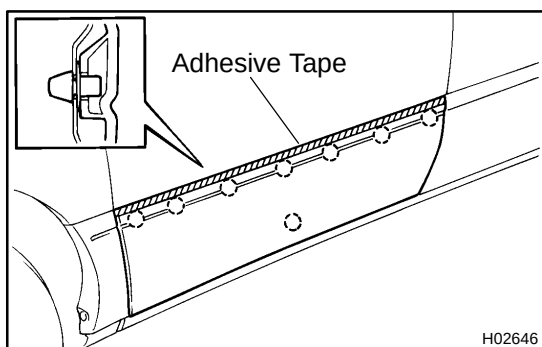
HINT:

Tape the screwdriver tip before use.



2. REMOVE FRONT DOOR OUTSIDE MOULDING

- (a) Remove the 2 hole plugs and 2 nuts.



- (b) Using a heat light, heat the moulding to 40 - 60 °C (104 - 140 °F).

NOTICE:

Do not heat moulding excessively.

- (c) Cut the adhesive tape with a knife.

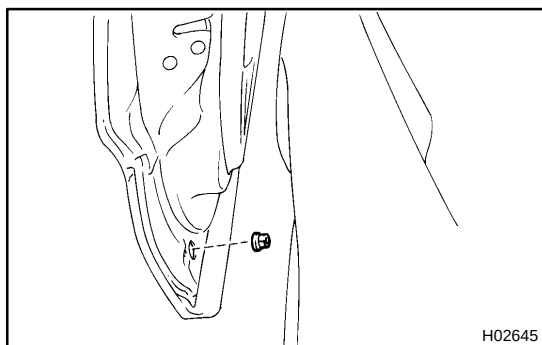
NOTICE:

- If reusing the moulding, take care not to damage the moulding.
- Do not damage the body.

- (d) Using a screwdriver, remove the moulding.

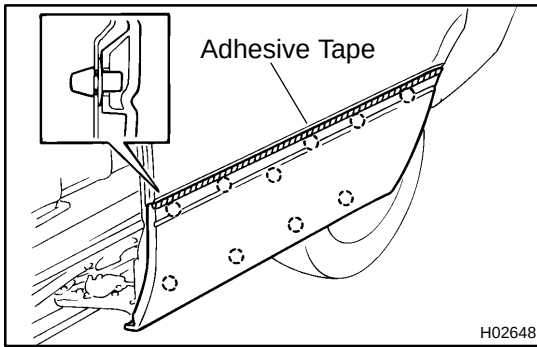
HINT:

Tape the screwdriver tip before use.



3. REMOVE SLIDE DOOR OUTSIDE MOULDING

- (a) Remove the nut.



- (b) Using a heat light, heat the moulding to 40 - 60 °C (104 - 140 °F).

NOTICE:

Do not heat moulding excessively.

- (c) Cut the adhesive tape with a knife.

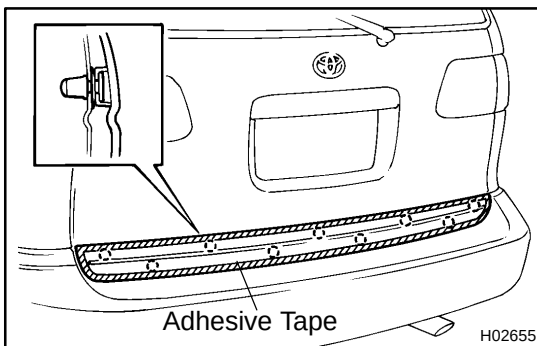
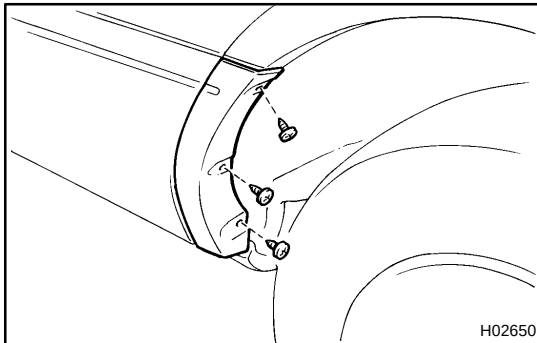
NOTICE:

- If reusing the moulding, take care not to damage the moulding.
- Do not damage the body.

- (d) Remove the moulding.

4. REMOVE OUTSIDE QUARTER MOULDING

Remove the 3 screws and moulding.

**5. REMOVE BACK DOOR LOWER OUTSIDE MOULDING**

- (a) Using a heat light, heat the moulding to 40 - 60 °C (104 - 140 °F).

NOTICE:

Do not heat moulding excessively.

- (b) Cut the adhesive tape with a knife.

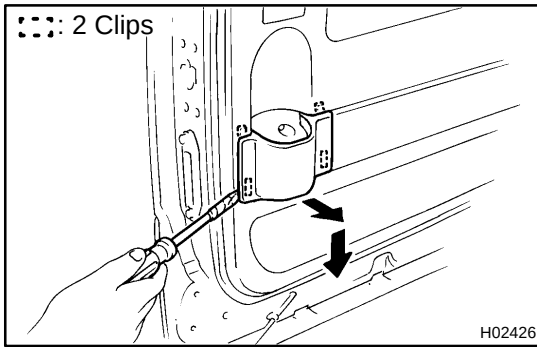
NOTICE:

- If reusing the moulding, take care not to damage the moulding.
- Do not damage the body.

- (c) Using a screwdriver, remove the moulding.

HINT:

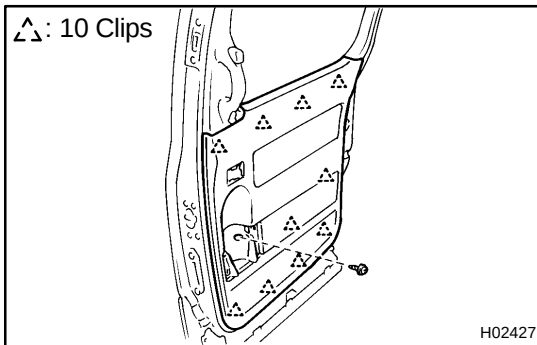
Tape the screwdriver tip before use.



REMOVAL

1. REMOVE CUP HOLDER

Using a screwdriver, remove the cup holder as shown in the illustration.



2. REMOVE DOOR TRIM

- Remove the screw.
- Insert a screwdriver between the door and door trim to pry the trim out.

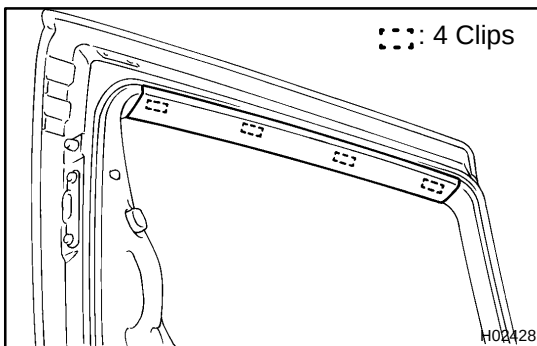
NOTICE:

Be careful not to damage the door and door trim.

HINT:

Tape the screwdriver tip before use.

- Pull the trim to remove it.

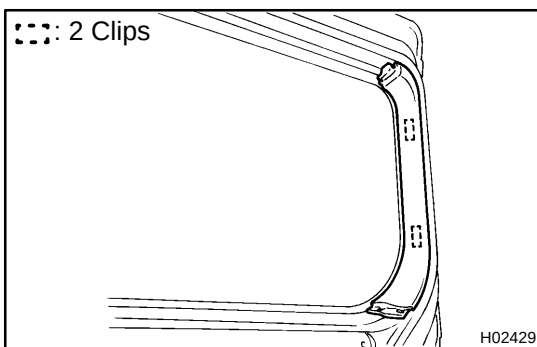


3. REMOVE UPPER NO.1 TRIM COVER

Using a screwdriver, remove the upper No.1 trim cover.

HINT:

Tape the screwdriver tip before use.

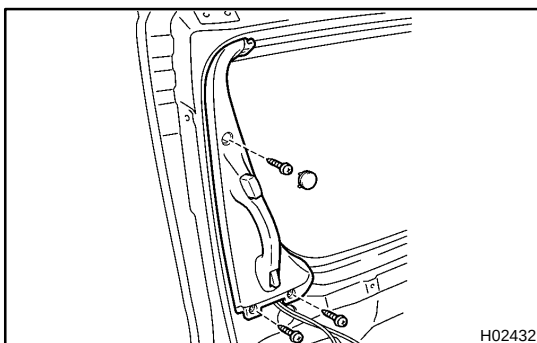


4. REMOVE UPPER NO.2 TRIM COVER

Using a screwdriver, remove the upper No.2 trim cover.

HINT:

Tape the screwdriver tip before use.



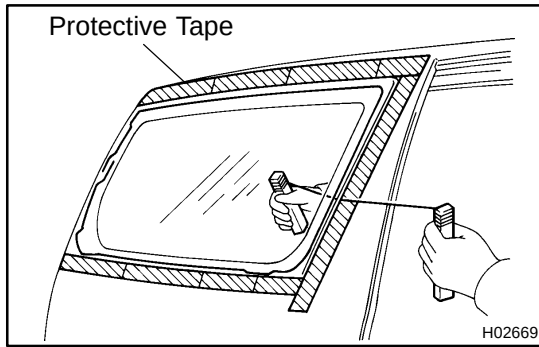
5. REMOVE WINDOW GARNISH

- Using a screwdriver, remove the trim board cover.

HINT:

Tape the screwdriver tip before use.

- Remove the 3 screws and window garnish.



6. REMOVE SLIDE DOOR GLASS

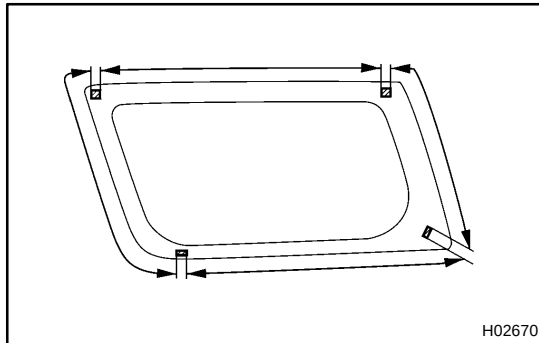
- (a) Push a piano wire through from the interior.
- (b) Tie both wire ends to wooden blocks or similar object.

HINT:

Apply protective tape to the outer surface to keep the surface from being scratched.

NOTICE:

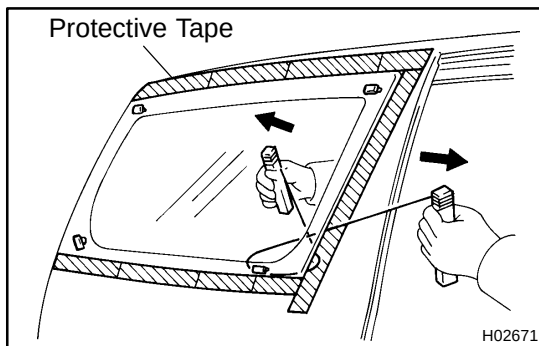
When separating the glass, take care not to damage the paint and exterior.



- (c) Cut the adhesive by pulling the piano wire around it.

HINT:

Cut the adhesive areas as shown in the illustration, leaving the adhesive where the clips are.

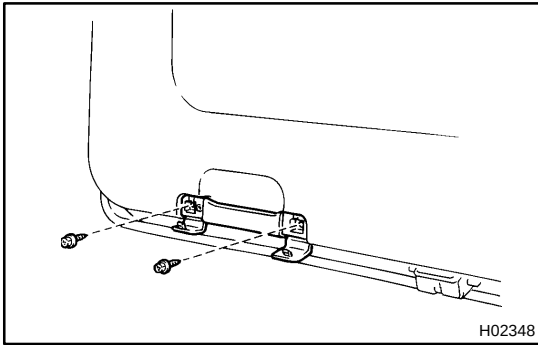


- (d) Push the piano wire through as shown in the illustration, cut off the adhered part to the clips.

- (e) Remove the glass.

NOTICE:

Leave as much of the adhesive on the body as possible when cutting off the glass.



REMOVAL

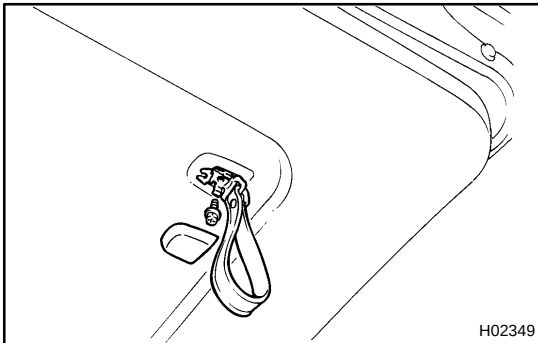
1. REMOVE BACK DOOR ASSIST GRIP

- (a) Using a screwdriver, open the covers.

HINT:

Tape the screwdriver tip before use.

- (b) Remove the 2 screws and assist grip.



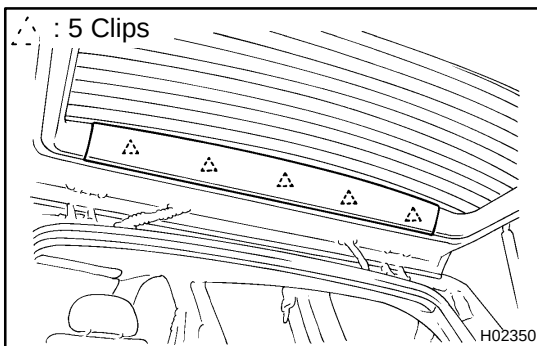
2. REMOVE BACK DOOR PULL STRAP

- (a) Using a screwdriver, remove the strap cover.

HINT:

Tape the screwdriver tip before use.

- (b) Remove the screw and pull strap.

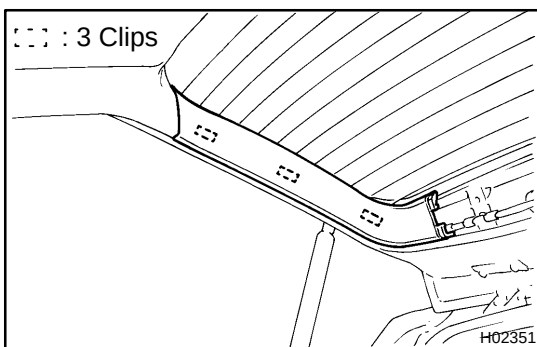


3. REMOVE CENTER GARNISH

Using a screwdriver, remove the center garnish.

HINT:

Tape the screwdriver tip before use.



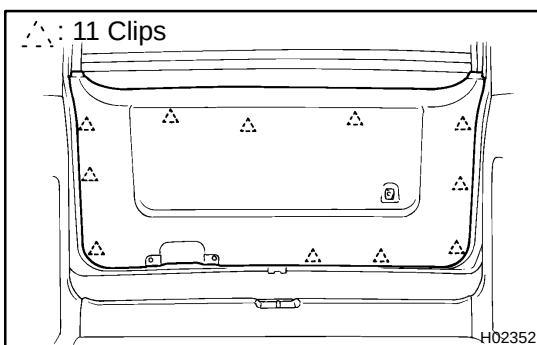
4. REMOVE SIDE GARNISH

- (a) Using a screwdriver, remove the side garnish.

HINT:

Tape the screwdriver tip before use.

- (b) Employ the same manner described above to the other side.



5. REMOVE DOOR TRIM BOARD

- (a) Insert a screwdriver between the door and door trim to pry the trim out.

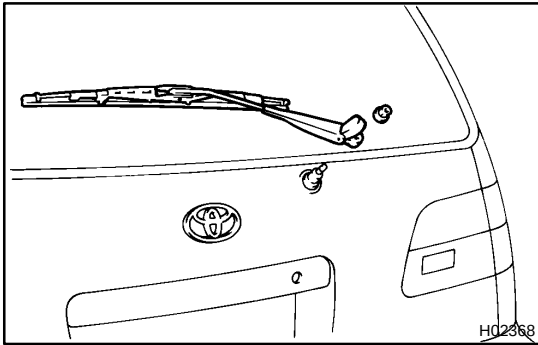
NOTICE:

Be careful not to damage the door and door trim.

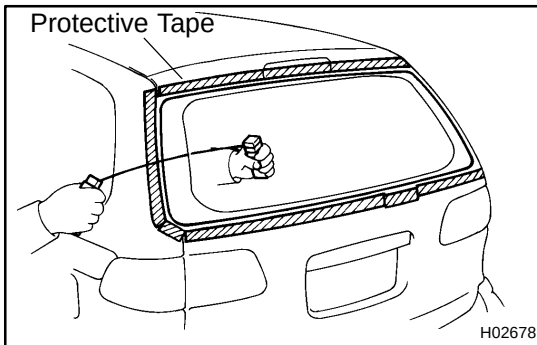
HINT:

Tape the screwdriver tip before use.

- (b) Pull the trim to remove it.

**6. REMOVE REAR WIPER ARM**

Remove the nut and wiper arm.

**7. REMOVE BACK DOOR GLASS**

(a) Push piano wire through from the interior.

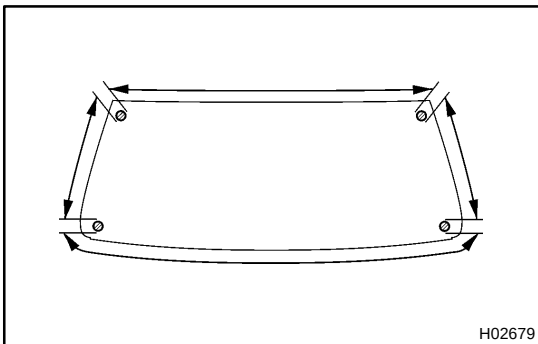
(b) Tie both wire ends to wooden blocks or similar object.

HINT:

Apply protective tape to the outer surface to keep the surface from being scratched.

NOTICE:

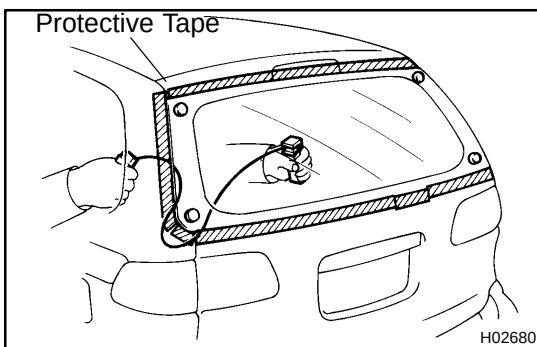
When separating the glass, take care not to damage the paint and exterior.



(c) Cut the adhesive by pulling the piano wire around it.

HINT:

Cut the adhesive areas as shown in the illustration, leaving the adhesive where the clips are.



(d) Let the piano wire pass as shown in the illustration, cut off the adhered part to the clips.

NOTICE:

Do not damage the glass retainers.

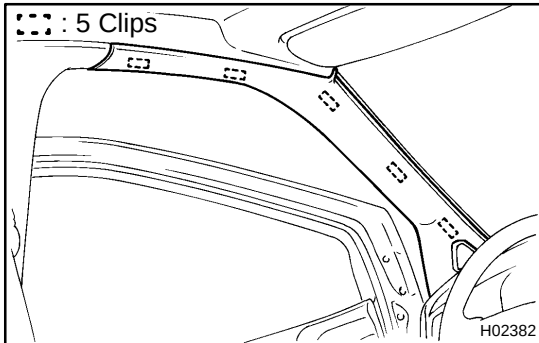
(e) Remove the glass.

NOTICE:

Leave as much of the adhesive on the body as possible when cutting off the glass.

REMOVAL

1. REMOVE FRONT DOOR SCUFF PLATES
2. REMOVE COWL SIDE BOARDS
3. REMOVE FRONT DOOR OPENING TRIM COVERS



4. REMOVE FRONT PILLAR GARNISH

- (a) Using a screwdriver, remove the front pillar garnish.

HINT:

Tape the screwdriver tip before use.

- (b) w/ Tweeter speaker:
Disconnect the connector.
- (c) Employ the same manner described above to the other side.

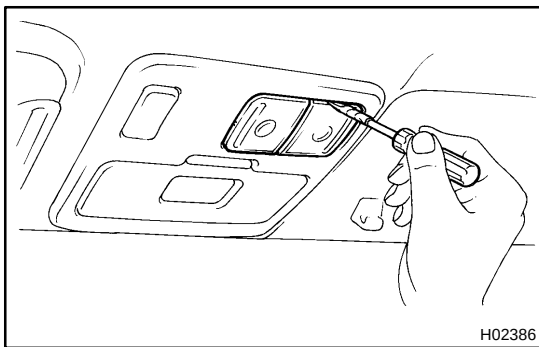
5. REMOVE SUN VISORS AND HOLDERS

6. REMOVE ASSIST GRIP

7. w/ Sliding roof:

REMOVE SLIDING ROOF OPENING TRIM MOULDING

8. REMOVE ROOF DRIP SIDE CHANNELS

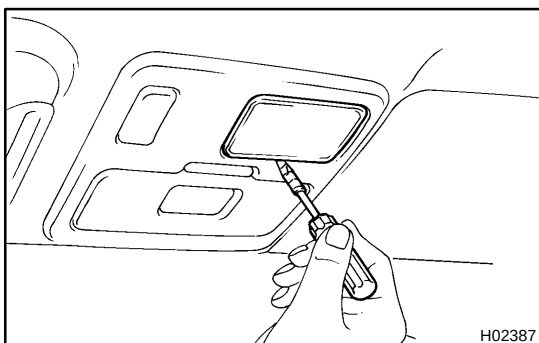


9. REMOVE ROOF CONSOLE BOX

- (a) XLE, LE Grade:
Using a screwdriver, remove the 2 lenses.

HINT:

Tape the screwdriver tip before use.

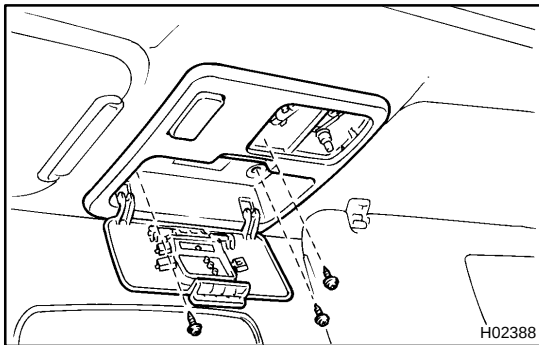


- (b) CE Grade:

Using a screwdriver, remove the lens.

HINT:

Tape the screwdriver tip before use.



- (c) Remove the 3 screws and roof console box, then disconnect the connector.

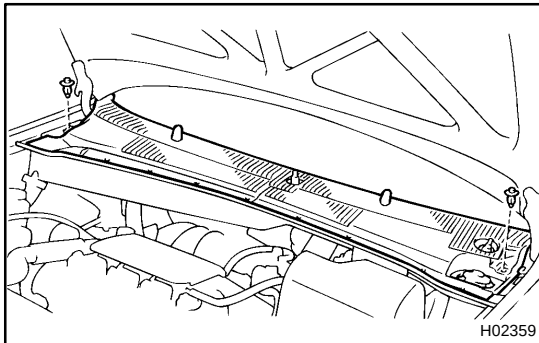
10. REMOVE GLASSES BOX

Remove the 2 screws and glasses box.

11. REMOVE FRONT SIDE OF ROOF HEADLINING (See page [BO-108](#))

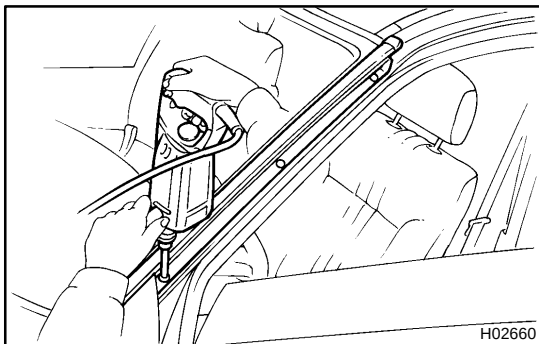
12. REMOVE WIPER ARMS

13. REMOVE HOOD TO COWL TOP SEAL



14. REMOVE COWL TOP VENTILATOR LOUVERS

- (a) Remove the clip and RH cowl top ventilator louver, then disconnect the washer hose.
(b) Remove the clip and LH cowl top ventilator louver, then disconnect the washer hose.

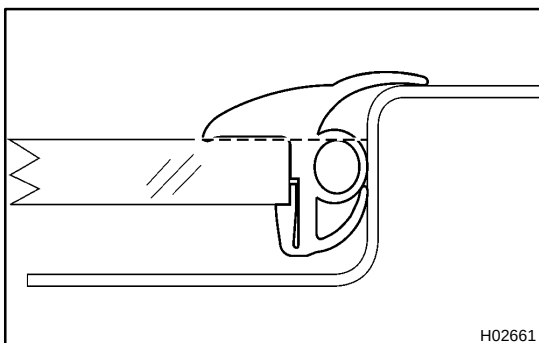


15. REMOVE OUTSIDE MOULDING

- (a) Attach the rivet cutter to the drill.
(b) Gently and vertically put the drill to the rivet, and cut the rivet flanges.

NOTICE:

- Prizing the hole with a drill can lead to damage to the rivet hole or breaking the rivet cutter.
 - Take care as the cut rivet is hot.
- (c) Even if flange is taken off, continue drilling and push out remaining fragments with the drill.
(d) Remove the outside moulding.
(e) Employ the same manner described above to the other side.

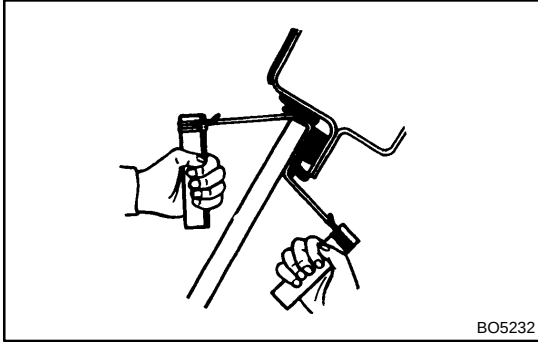


16. REMOVE UPPER OUTSIDE MOULDING

Using a knife, cut off the moulding as shown.

NOTICE:

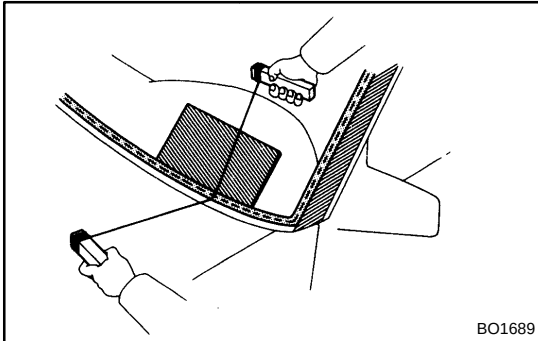
Do not damage the body with the knife.

**17. REMOVE WINDSHIELD GLASS**

- (a) Push piano wire through between the body and glass from the interior.
- (b) Tie both wire ends to wooden block or a similar object.

HINT:

Apply adhesive tape to the outer surface to keep the surface from being scratched.

**NOTICE:**

When separating the glass, take care not to damage the paint and interior and exterior ornaments. To prevent scratching the safety pad when removing the windshield, place a plastic sheet between the piano wire and safety pad.

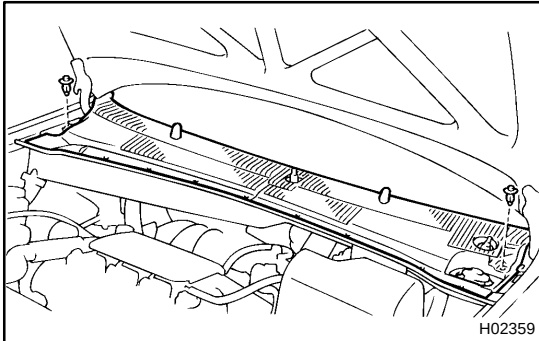
- (c) Cut the adhesive by pulling the piano wire around it.
- (d) Remove the glass.

NOTICE:

Leave as much of the adhesive on the body as possible when cutting off the glass.

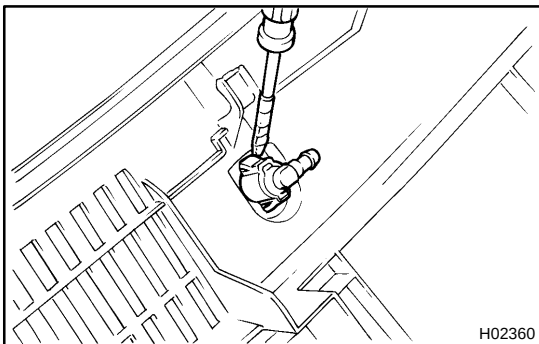
REMOVAL

1. REMOVE WIPER ARMS
2. REMOVE HOOD TO COWL TOP SEAL
3. REMOVE COWL PANEL HOLE COVER



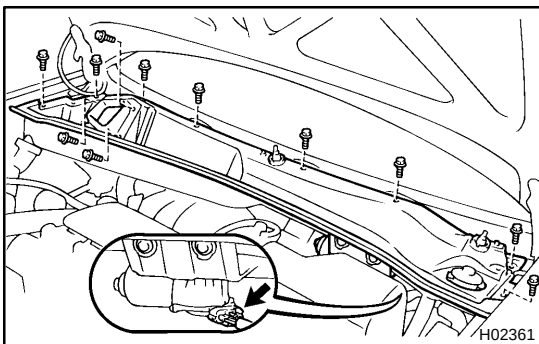
4. REMOVE COWL TOP VENTILATOR LOUVERS

- (a) Remove the clip and RH cowl top ventilator louver, then disconnect the washer hose.
- (b) Remove the clip and LH cowl top ventilator louver, then disconnect the washer hose.



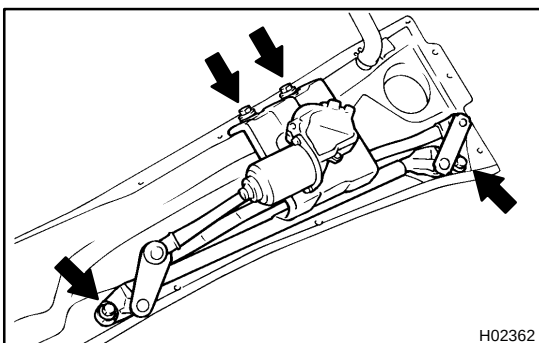
5. REMOVE WASHER NOZZLE

- (a) Remove the washer nozzle from the cowl top ventilator louver.
- (b) Employ the same manner described above to the other side.



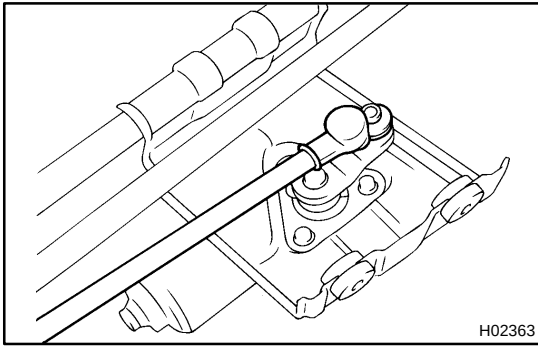
6. REMOVE OUTER FRONT COWL TOP PANEL

Remove the 11 bolts and panel, then disconnect the wiper motor connector.



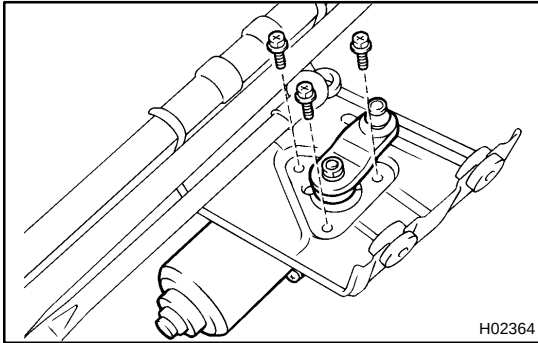
7. REMOVE WIPER MOTOR AND LINK ASSEMBLY

Unfasten the 4 bolts and wiper motor and link assembly.



8. REMOVE WIPER MOTOR

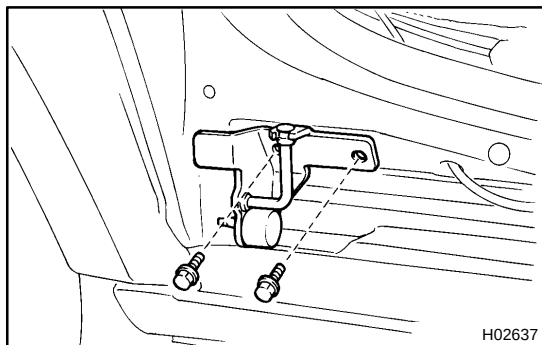
- (a) Disconnect the wiper link from the wiper motor.



- (b) Remove the 3 screws and wiper motor.

9. REMOVE NO.1 COWL WATER EXTRACT HOSE

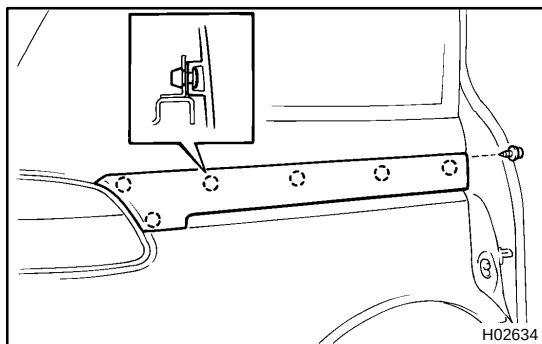
10. REMOVE NO.2 COWL WATER EXTRACT HOSE



REMOVAL

1. REMOVE SLIDE DOOR

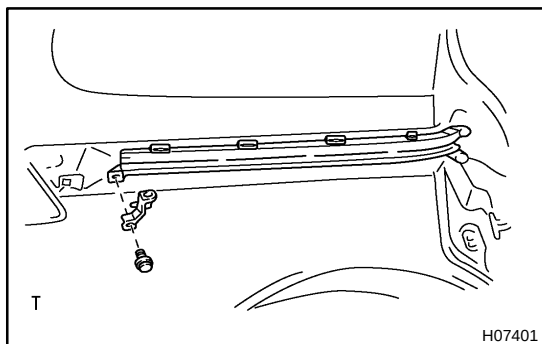
- (a) Remove the 2 bolts and open striker.
Torque: 7.0 N·m (71 kgf·cm, 62 in·lbf)
- (b) Remove the rear door check cover.



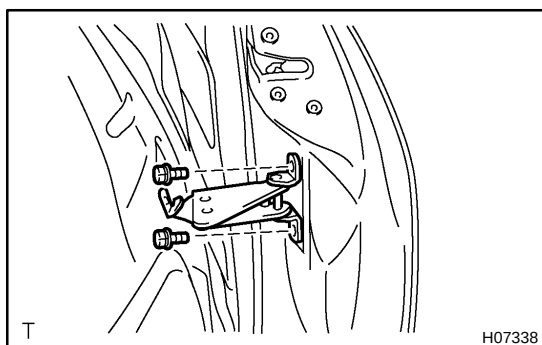
- (c) Remove the screw, then using a screwdriver, remove the center rail garnish.

HINT:

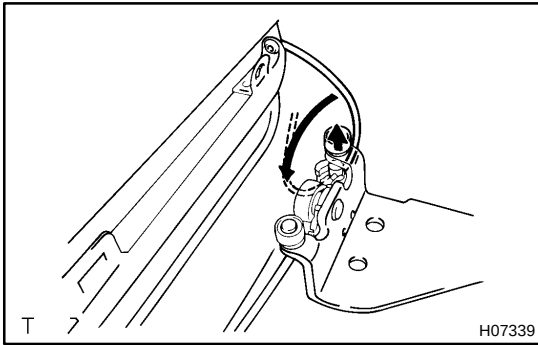
Tape the screwdriver tip before use.



- (d) w/o Power slide door:
Remove the bolt and center rail protector.
Torque: 9.8 N·m (100 kgf·cm, 7 ft·lbf)
- (e) Remove the upper rail cushion.

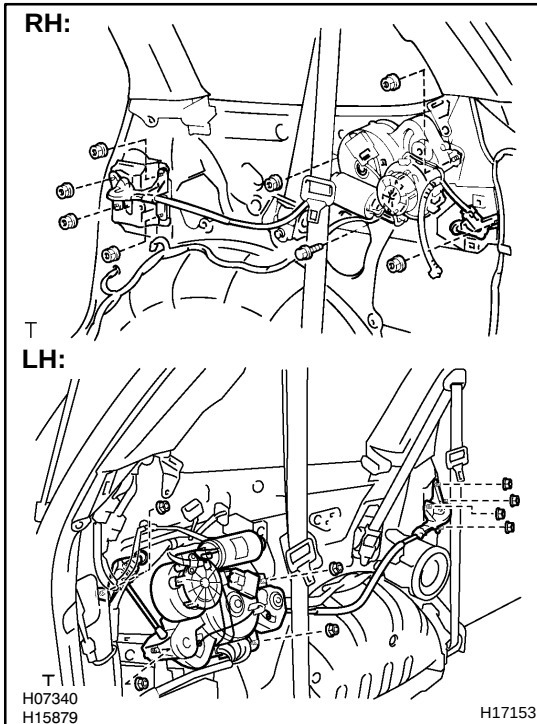


- (f) w/ Power slide door:
Remove the 2 bolts from the slide door.
- (g) Slide the slide door rearward, remove each hinge from the rails and slide door.
2. REMOVE BACK DOOR SCUFF PLATE
(See page [BO-75](#) or [BO-79](#))
3. REMOVE SLIDE DOOR SCUFF PLATE
(See page [BO-75](#) or [BO-79](#))
4. REMOVE SPEAKER GRILLE
(See page [BO-75](#) or [BO-79](#))
5. REMOVE QUARTER TRIM COVER
(See page [BO-75](#) or [BO-79](#))
6. REMOVE QUARTER TRIM PANEL
(See page [BO-75](#) or [BO-79](#))



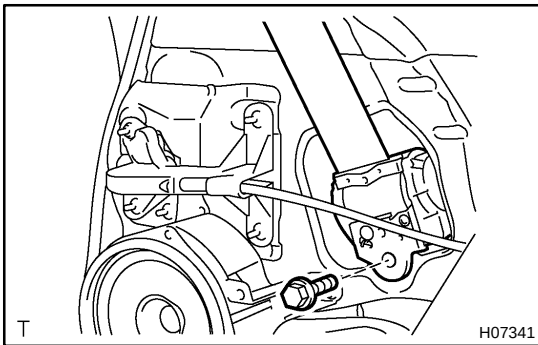
**7. w/ Power slide door:
REMOVE CENTER ROLLER**

Remove the center roller from the center rail, then disconnect the control cables.



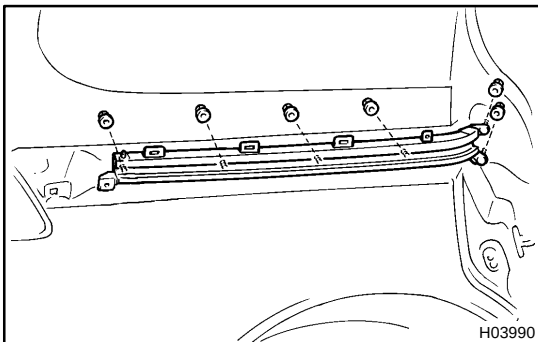
**8. w/ Power slide door:
REMOVE POWER SLIDE DOOR DRIVE UNIT**

- (a) Disconnect the connectors.
- (b) RH:
Remove the bolt, 7 nuts and power slide door drive unit.
- (c) LH:
Remove the 8 nuts and power slide door drive unit.

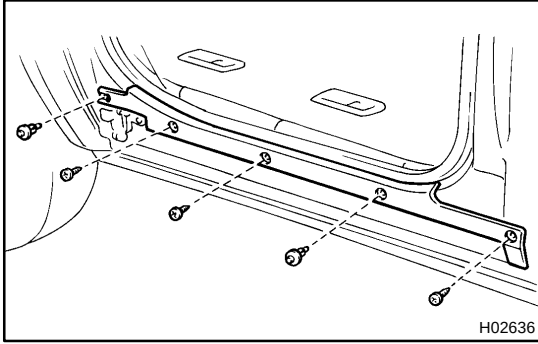


9. REMOVE CENTER RAIL

- (a) Remove the retractor of rear No.1 seat outer belt.
Torque: 43 N·m (440 kgf·cm, 32 ft·lbf)



- (b) Remove the 6 nuts and center rail.
Torque: 9.8 N·m (100 kgf·cm, 7 ft·lbf)

**10. REMOVE LOWER STEP PLATE**

Remove the 3 screws, 2 clips and lower step plate.

REMOVAL

REMOVE FRONT SEAT

- (a) Using a screwdriver, remove the seat track covers.

HINT:

Tape the screwdriver tip before use.

- (b) Remove the 4 bolts.

Torque: 37 N·m (380 kgf·cm, 27 ft·lbf)

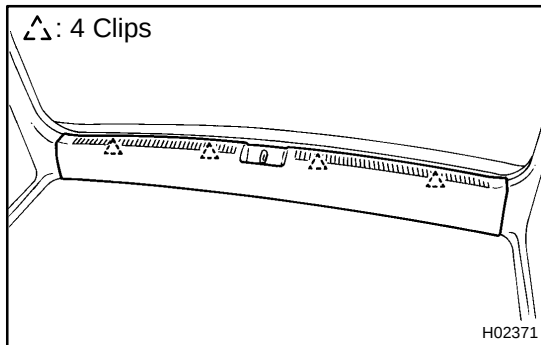
- (c) Disconnect the connectors and remove the front seat.

NOTICE:

Be careful not to damage the body.

REMOVAL

1. REMOVE REAR NO.1 SEAT
2. REMOVE REAR NO.2 SEAT



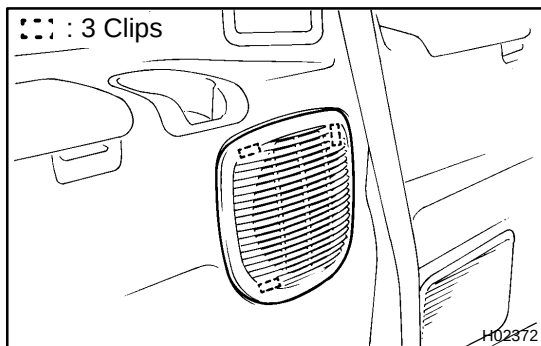
3. REMOVE BACK DOOR SCUFF PLATE

Using a screwdriver, remove the back door scuff plate.

HINT:

Tape the screwdriver tip before use.

4. REMOVE SLIDE DOOR SCUFF PLATE



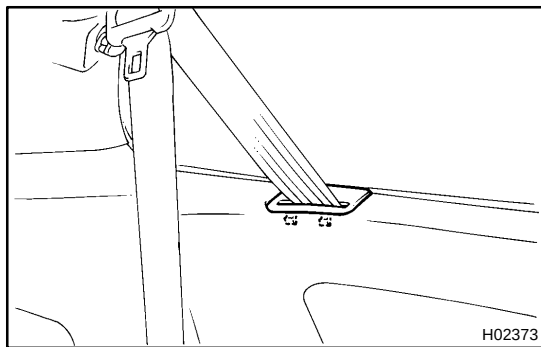
5. REMOVE REAR LH QUARTER TRIM PANEL

(a) Using a screwdriver, remove the speaker grille.

HINT:

Tape the screwdriver tip before use.

(b) Remove the quarter trim cover.

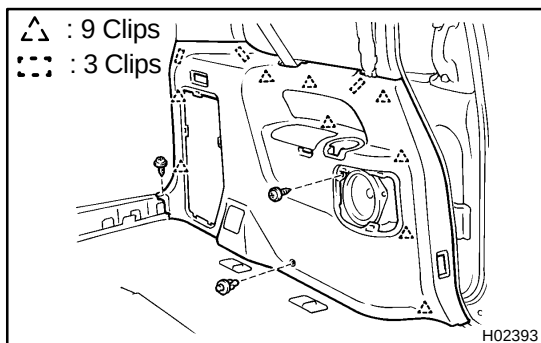


(c) Using a screwdriver, remove the rear side trim board cover.

HINT:

Tape the screwdriver tip before use.

(d) Remove the luggage room light, then disconnect the connector.

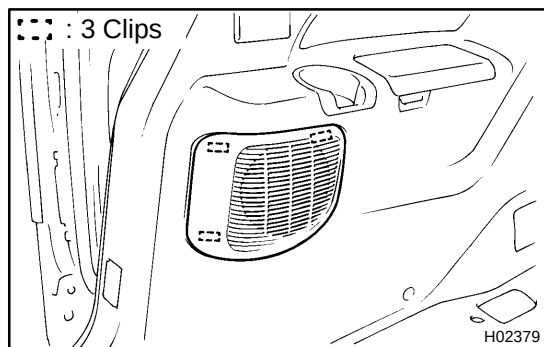


(e) Remove the slide door courtesy light, then disconnect the connector.

(f) Remove the 2 screws, clip and rear LH quarter trim panel.

(g) w/ LH side power slide door:

Remove the 3 screws and cup holder sub-assembly from the trim panel.



6. REMOVE RH QUARTER TRIM PANEL

(a) Using a screwdriver, remove the speaker grille.

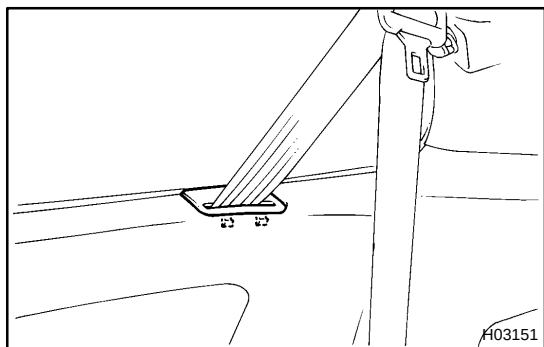
HINT:

Tape the screwdriver tip before use.

(b) Using a screwdriver, remove the air inlet grille.

HINT:

Tape the screwdriver tip before use.

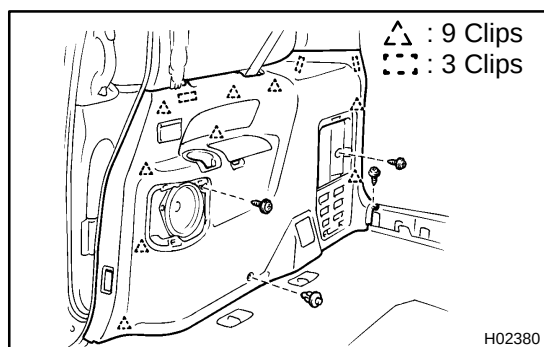


(c) Using a screwdriver, remove the rear side trim board cover.

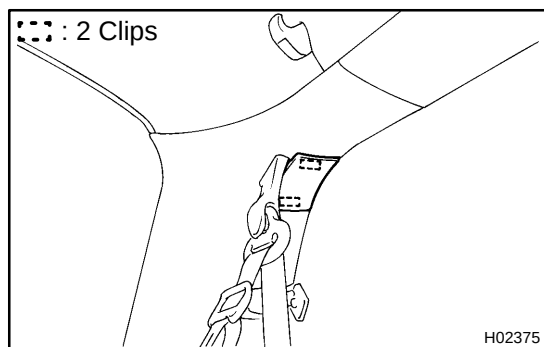
HINT:

Tape the screwdriver tip before use.

(d) Remove the slide door courtesy light, then disconnect the connector.



(e) Remove the 2 screws, clip and RH quarter trim panel.



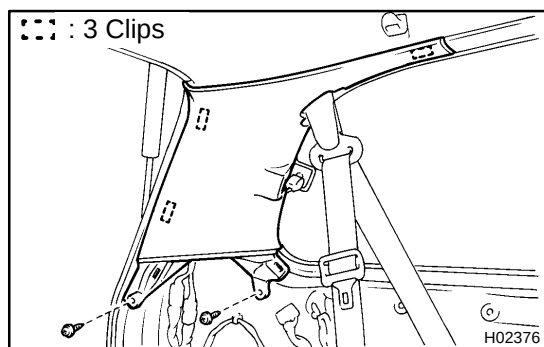
7. REMOVE NO.2 REAR WINDOW SIDE GARNISH

(a) Using a screwdriver, remove the quarter pillar cover.

HINT:

Tape the screwdriver tip before use.

(b) Employ the same manner described above to the other side.

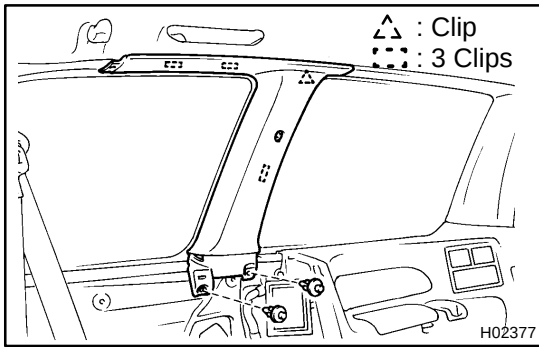


(c) Remove the 2 screws and No.2 rear window side garnish.

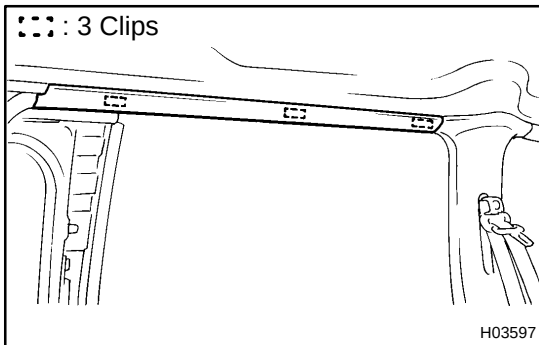
8. REMOVE REAR WINDOW SIDE GARNISH

(a) Remove the No.1 rear seat outer belt shoulder anchor.

Torque: 43 N·m (440 kgf·cm, 32 ft·lbf)



- (b) Remove the 2 clips and rear window side garnish.
- (c) Employ the same manner described above to the other side.



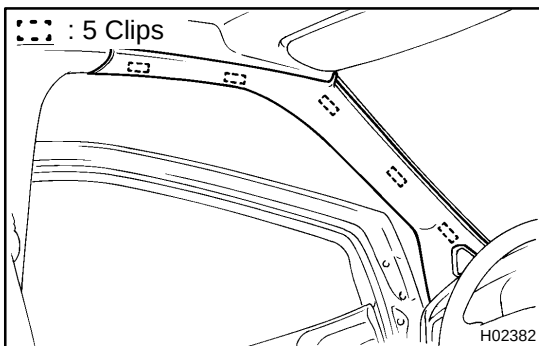
9. REMOVE ROOF SIDE RAIL GARNISH

- (a) Using a screwdriver, remove the roof side rail garnishes.
- (b) Employ the same manner described above to the other side.

10. REMOVE FRONT DOOR SCUFF PLATES

11. REMOVE COWL SIDE BOARDS

12. REMOVE FRONT DOOR OPENING TRIM COVERS



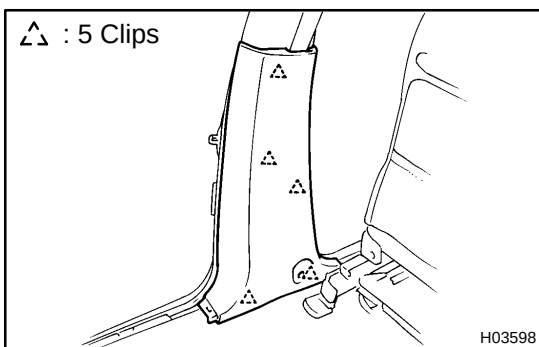
13. REMOVE FRONT PILLAR GARNISH

- (a) Using a screwdriver, remove the front pillar garnish.

HINT:

Tape the screwdriver tip before use.

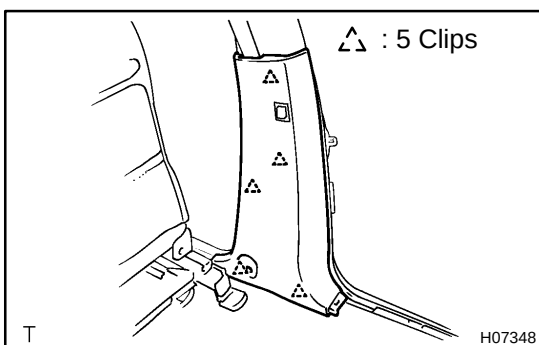
- (b) w/ Tweeter speaker:
Disconnect the connector.
- (c) Employ the same manner described above to the other side.



14. w/o Power slide door:

REMOVE LOWER CENTER PILLAR GARNISH

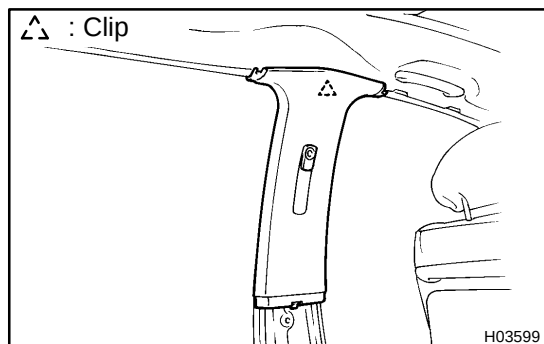
- (a) Remove the front seat outer floor anchor.
Torque: 43 N·m (440 kgf·cm, 32 ft·lbf)
- (b) Remove the lower center pillar garnish.
- (c) Employ the same manner described above to the other side.



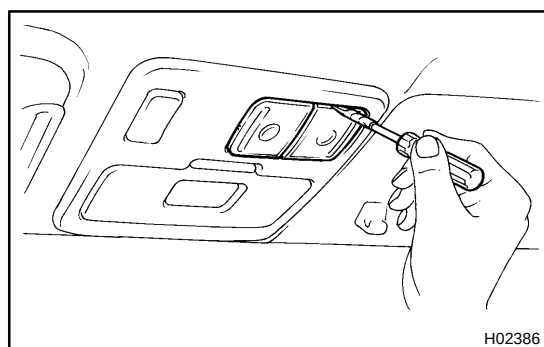
15. w/ Power slide door:

REMOVE LOWER CENTER PILLAR GARNISH

- (a) Remove the front seat outer belt floor anchor.
Torque: 43 N·m (440 kgf·cm, 32 ft·lbf)
- (b) Remove the lower center pillar garnish.
- (c) Disconnect the connector.
- (d) Employ the same manner described above to the other side.

**16. REMOVE UPPER CENTER PILLAR GARNISH**

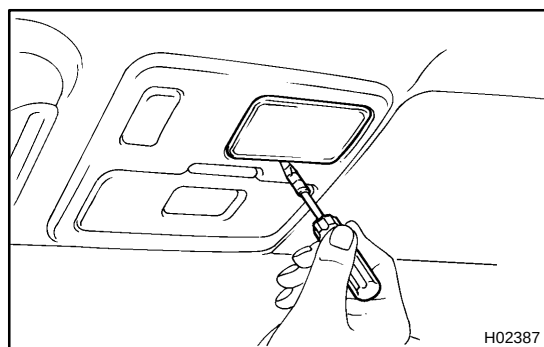
- (a) Remove the front seat outer belt shoulder anchor.
Torque: 43 N·m (440 kgf·cm, 32 ft·lbf)
- (b) Remove the clip and upper center pillar garnish as shown in the illustration.
- (c) Employ the same manner described above to the other side.

17. REMOVE COAT HOOKS**18. REMOVE ASSIST GRIPS****19. REMOVE SUN VISORS AND HOLDERS****20. w/ Sliding roof:****REMOVE SLIDING ROOF OPENING TRIM MOULDING****21. REMOVE ROOF CONSOLE BOX**

- (a) XLE, LE grade:
Using a screwdriver, remove the 2 lenses.

HINT:

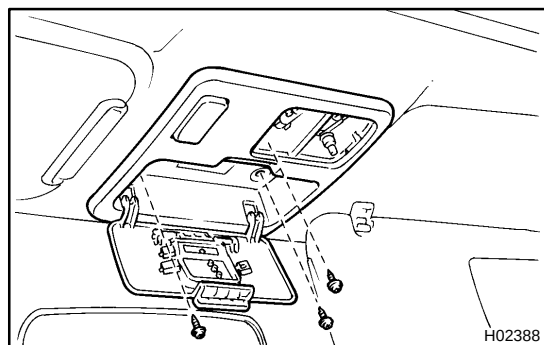
Tape the screwdriver tip before use.



- (b) CE grade:
Using a screwdriver, remove the lens.

HINT:

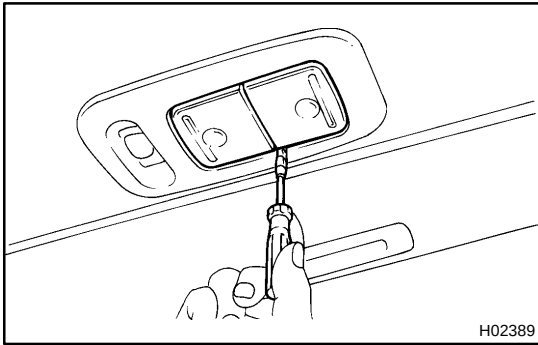
Tape the screwdriver tip before use.



- (c) Remove the 3 screws and roof console box, then disconnect the connectors.

22. REMOVE GLASSES BOX

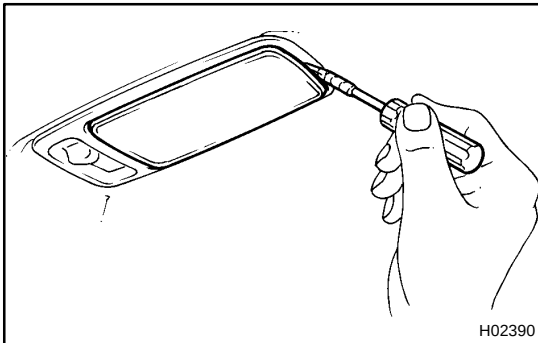
Remove the 2 screws and glasses box.

**23. REMOVE REAR NO.1 ROOM LIGHT**

- (a) XLE, LE grade:
Using a screwdriver, remove the 2 lenses.

HINT:

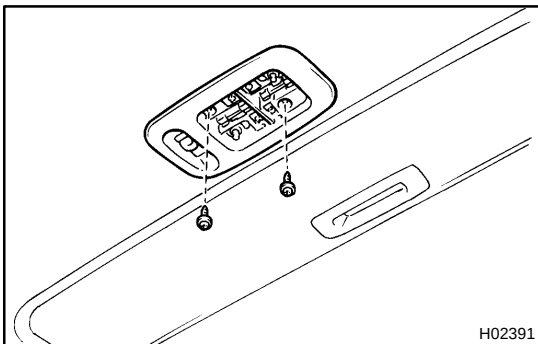
Tape the screwdriver tip before use.



- (b) CE grade:
Using a screwdriver, remove the lens.

HINT:

Tape the screwdriver tip before use.



- (c) Remove the 2 screws and rear No.1 room light, then disconnect the connector.

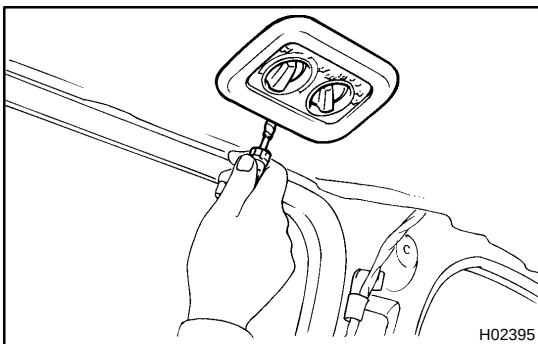
24. REMOVE REAR NO.2 ROOM LIGHT

- (a) Using a screwdriver, remove the lens.

HINT:

Tape the screwdriver tip before use.

- (b) Remove the 4 screws and rear No.2 room light, then disconnect the connector.

**25. REMOVE ROOF HEADLINING**

- (a) Using a screwdriver, remove the heater control panel.

HINT:

Tape the screwdriver tip before use.

- (b) Using a clip remover, remove the 4 clips and roof headlining.

26. REMOVE FRONT PILLAR NO. 2 SPACER

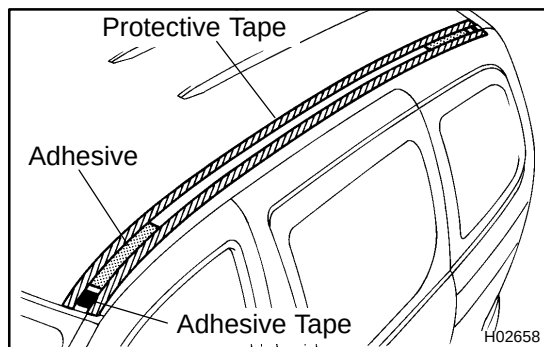
- (a) Remove the 2 screws and front pillar No. 2 spacer.

- (b) Employ the same manner described above to the other side.

27. REMOVE ROOF HEADLINING SPACER

- (a) Remove the 2 screws and roof headlining spacer.

- (b) Employ the same manner described above to the other side.



REMOVAL

1. w/ Roof rail:
REMOVE ROOF RAIL (See page [BO-164](#))
2. **REMOVE ROOF DRIP SIDE FINISH MOULDING**
 - (a) Using a heat light, heat the moulding to 40 - 60 °C (104 - 140 °F).

NOTICE:

Do not heat moulding excessively.

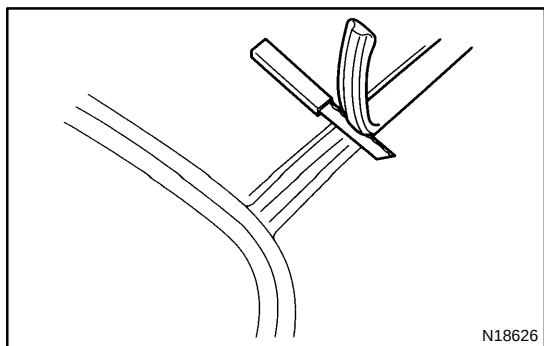
- (b) Cut the adhesive tape with a knife.

NOTICE:

Do not damage the body.

HINT:

Apply protective tape to the outer surface to keep the surface from being scratched.



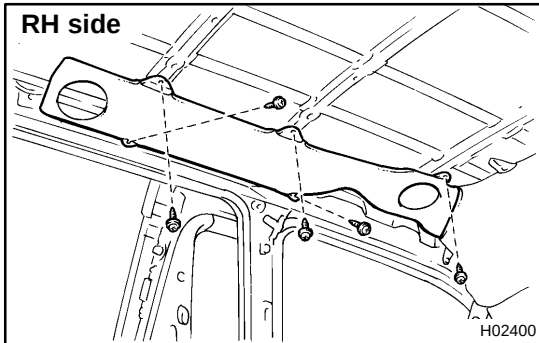
- (c) Pull off the moulding by cutting the adhesive with a knife.

NOTICE:

Do not damage the body.

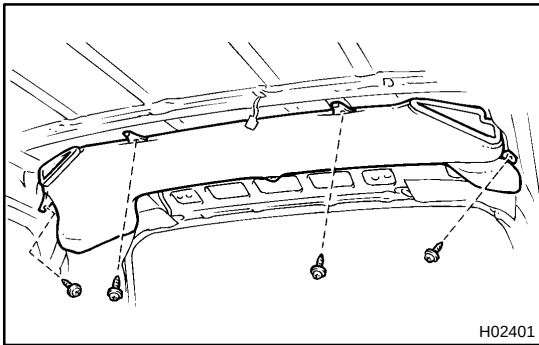
REMOVAL

1. REMOVE ROOF HEADLINING
(See page [BO-108](#))

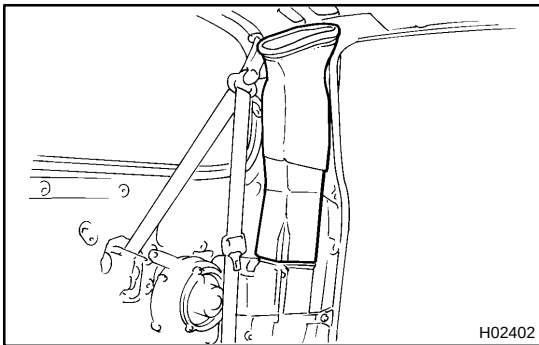


2. REMOVE REAR AIR DUCT

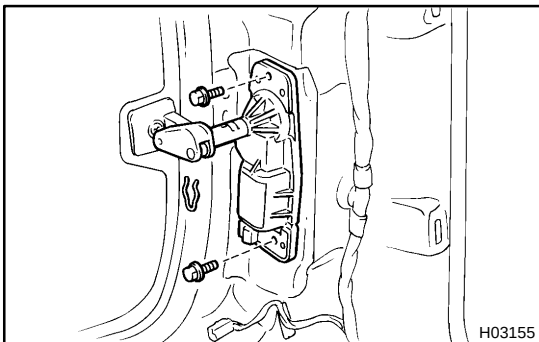
- (a) Remove the 10 screws and RH and LH No.3 rear air ducts.



- (b) Remove the 4 screws and No.5 rear air duct.



- (c) Remove the No.6 rear air duct.



3. w/ Power vent window:
REMOVE REAR SIDE WINDOW

- (a) Disconnect the power vent window motor connector.
- (b) Remove the clip, 2 bolts and power vent window motor.
- (c) Remove the 2 nuts and rear side window.
- (d) Remove the screw and quarter window lock hinge from the rear side window.

4. **w/o Power vent window:**
REMOVE REAR SIDE WINDOW
 - (a) Remove the 2 bolts, 2 nuts and rear side window.
 - (b) Remove the screw and quarter window lock from the rear side window.
5. **REMOVE REAR SIDE WINDOW WEATHERSTRIP**

REMOVAL

REMOVE FRONT SEAT

- (a) Using a screwdriver, remove the seat track covers.

HINT:

Tape the screwdriver tip before use.

- (b) Remove the 4 bolts.

Torque: 37 N·m (380 kgf·cm, 27 ft·lbf)

- (c) Disconnect the connector and remove the front seat.

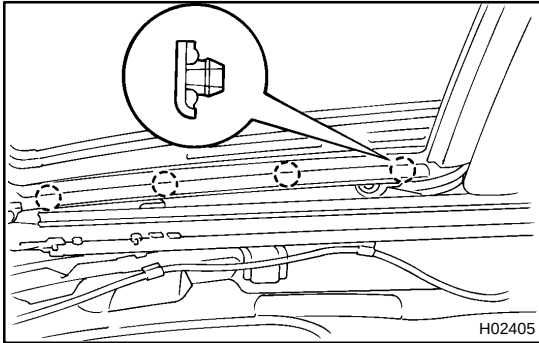
NOTICE:

Be careful not to damage the body.

REMOVAL

1. REMOVE ROOF HEADLINING

(See page [BO-108](#))



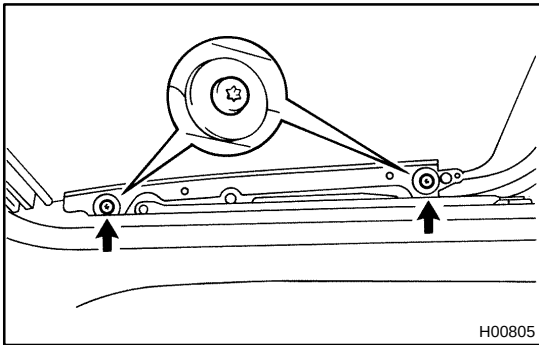
2. REMOVE SIDE GARNISH

- (a) Using a screwdriver, remove the garnish.

HINT:

Tape the screwdriver tip before use.

- (b) Employ the same manner described above to the other side.



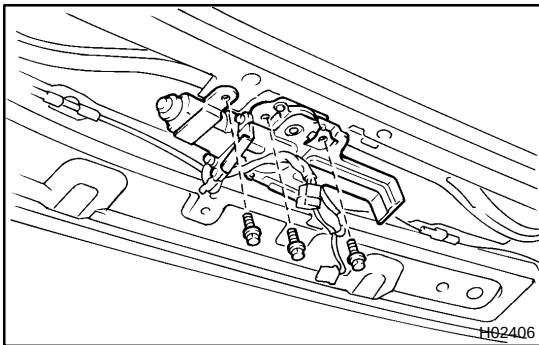
3. REMOVE SLIDING ROOF GLASS

- (a) Using a torx wrench, remove the 2 screws.

Torque: 4.0 N·m (41 kgf·cm, 36 in·lbf)

- (b) Employ the same manner described above to the other side.

- (c) Pull the glass upward to remove it.

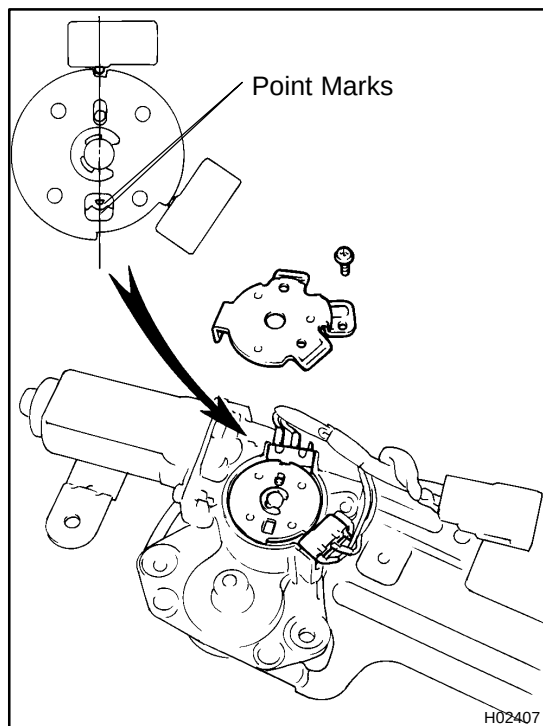


4. REMOVE DRIVE GEAR

NOTICE:

Remove the drive gear with the sliding roof full closed.

- (a) Disconnect the connector.
(b) Remove the 3 bolts and drive gear.



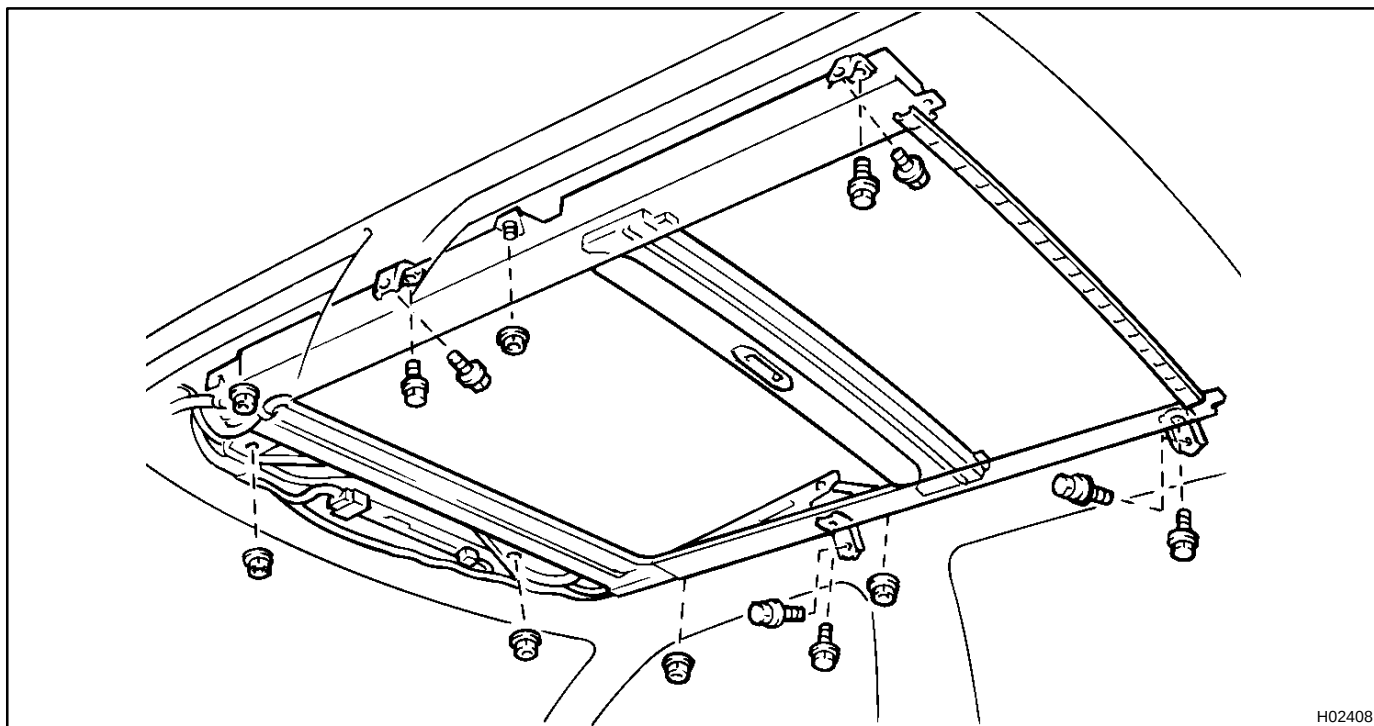
- (c) Remove the screw and cam plate cover.
- (d) Turn the drive gear to align the point marks as shown in the illustration.
- (e) Install the cap plate cover and screw.

NOTICE:

At the time of installation, please refer to the following item. If the sliding roof position and drive gear full close position are not matched, the sliding roof does not operate normally.

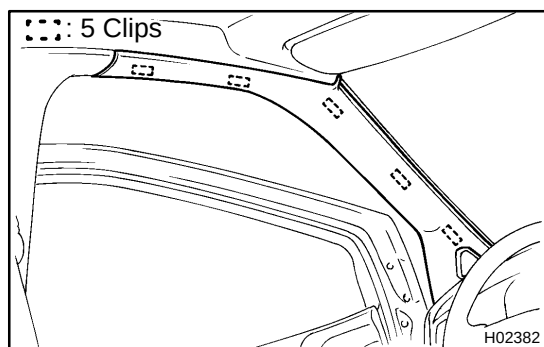
5. REMOVE SLIDING ROOF HOUSING

- (a) Disconnect the 4 drain hoses from the housing.
- (b) Remove the 8 bolts and 4 brackets.
Torque: 5.5 N·m (56 kgf·cm, 49 in·lbf)
- (c) Remove the 6 nuts, then remove the housing as shown in the illustration.



REMOVAL

1. REMOVE FRONT DOOR SCUFF PLATES
2. REMOVE COWL SIDE BOARDS
3. REMOVE FRONT DOOR OPENING TRIM COVERS



4. REMOVE FRONT PILLAR GARNISH

- (a) Using a screwdriver, remove the front pillar garnish.

HINT:

Tape the screwdriver tip before use.

- (b) w/ Tweeter speaker:
Disconnect the connector.
- (c) Employ the same manner described above to the other side.

5. REMOVE STEERING WHEEL PAD

(See page [SR-11](#))

6. REMOVE STEERING WHEEL

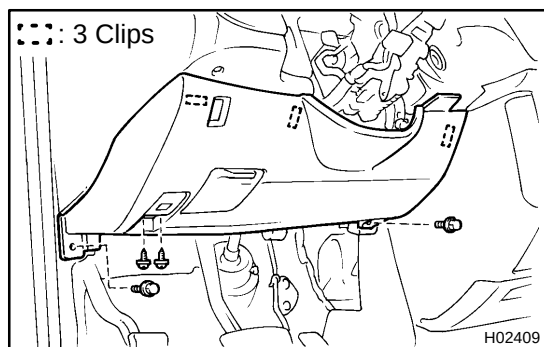
(See page [SR-11](#))

7. REMOVE STEERING COLUMN COVER

(See page [SR-11](#))

8. REMOVE COMBINATION SWITCH

(See page [SR-11](#))

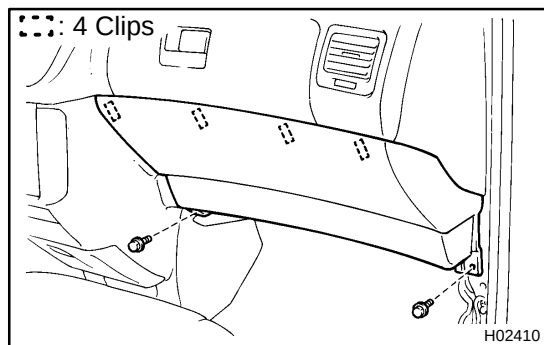


9. REMOVE LOWER FINISH PANEL

- (a) Remove the 2 screws and hood open lever.
- (b) Remove the 2 bolts and lower finish panel then disconnect the connector.

10. REMOVE NO.1 SAFETY PAD INSERT

Remove the 2 bolts and insert.

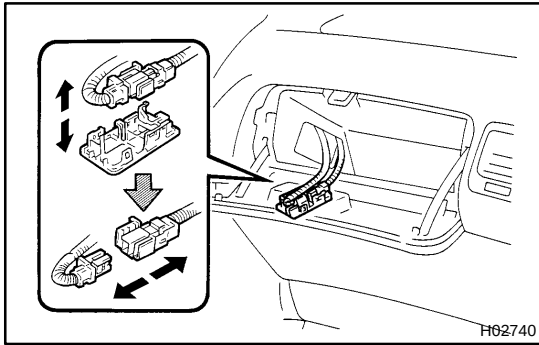


11. REMOVE NO.2 FINISH PANEL

- (a) Remove the 2 bolts.
- (b) Using a screwdriver, remove the No.2 finish panel.

HINT:

Tape the screwdriver tip before use.

**12. DISCONNECT AIRBAG CONNECTOR**

- (a) Using a screwdriver, pry out the glove compartment door finish plate.

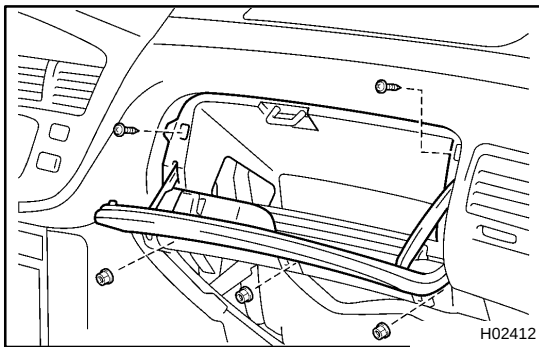
HINT:

Tape the screwdriver tip before use.

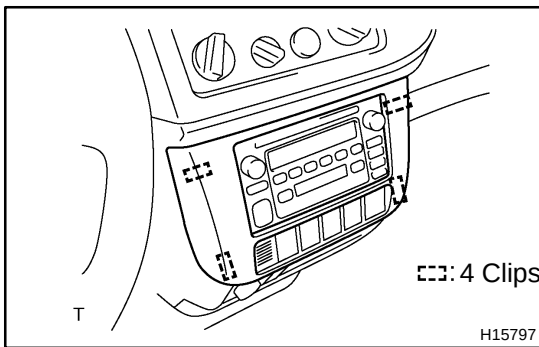
- (b) Remove the airbag connector from the glove compartment door finish plate.
 (c) Disconnect the airbag connector.

NOTICE:

When handling the airbag connector, take care not to damage the airbag wire harness.

**13. REMOVE GLOVE COMPARTMENT**

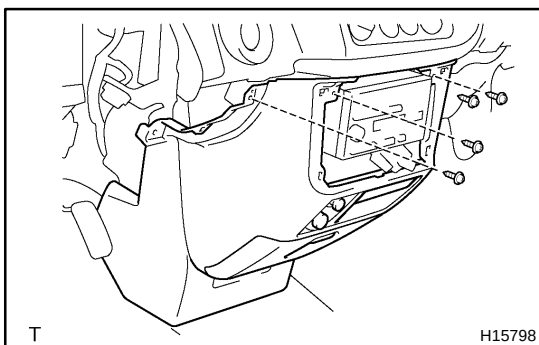
Remove the 3 nuts, 2 screws and glove compartment.

**14. REMOVE CENTER CLUSTER FINISH PANEL**

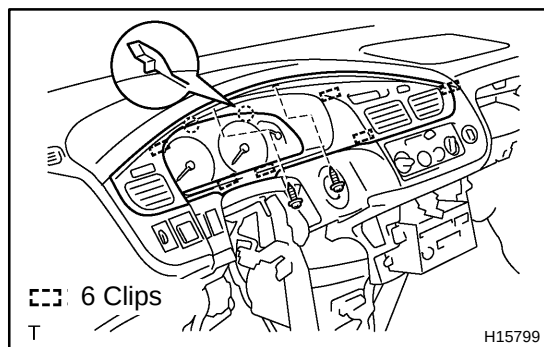
Using a screwdriver, remove the panel, then disconnect the connectors.

HINT:

Tape the screwdriver tip before use.

**15. REMOVE LOWER CENTER CLUSTER FINISH PANEL**

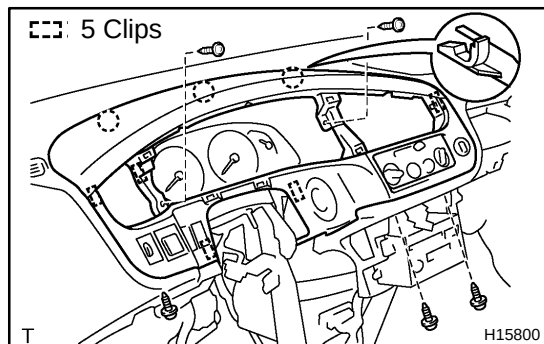
- (a) Remove the 4 screws and panel, then disconnect the connector.
 (b) Remove the front ash receptacle box from the panel.
 (c) Remove the 2 screws and front ash receptacle retainer from the panel.

**16. REMOVE UPPER CLUSTER FINISH PANEL**

- (a) Remove the 2 screws.
- (b) Using a screwdriver, remove the panel, then disconnect the connectors.

HINT:

Tape the screwdriver tip before use.

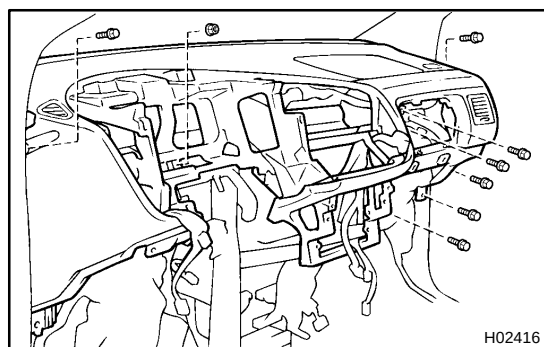
17. REMOVE KEY FINISH PLATE**18. REMOVE CLUSTER FINISH PANEL**

- (a) Remove the 5 screws.
- (b) Using a screwdriver, remove the panel, then disconnect the connectors.

HINT:

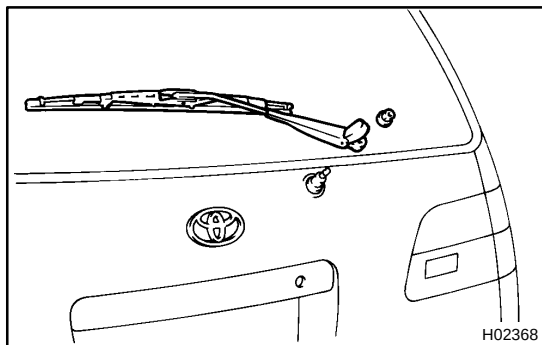
Tape the screwdriver tip before use.

- (c) Remove the 2 screws and heater blower switch from the panel.
- (d) Remove the clock.

19. REMOVE COMBINATION METER**20. REMOVE RADIO ASSEMBLY****21. REMOVE HEATER CONTROL ASSEMBLY**(See page [AC-1 16](#) and [AC-120](#))**22. REMOVE INSTRUMENT PANEL**

- (a) Remove the 2 bolts from the passenger airbag assembly.
Torque: 20 N·m (205 kgf·cm, 15 ft·lbf)
- (b) Remove the 5 bolts, nut and instrument panel, then disconnect the connectors.

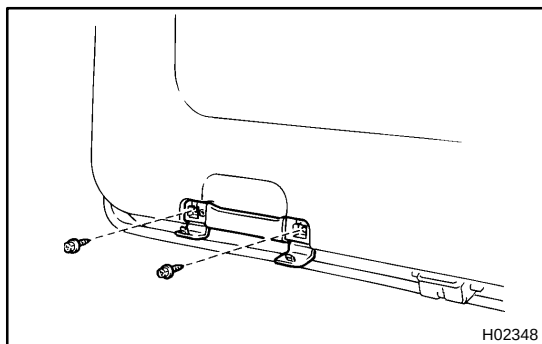
23. REMOVE AUDIO AMPLIFIER**24. REMOVE NO.1 AND NO.2 BRACES****25. REMOVE NO.2 COWL BRACE****Torque: 20 N·m (205 kgf·cm, 15 ft·lbf)****26. REMOVE INSTRUMENT PANEL REINFORCEMENT**



REMOVAL

1. REMOVE WIPER ARM

Remove the nut, wiper arm and grommet.



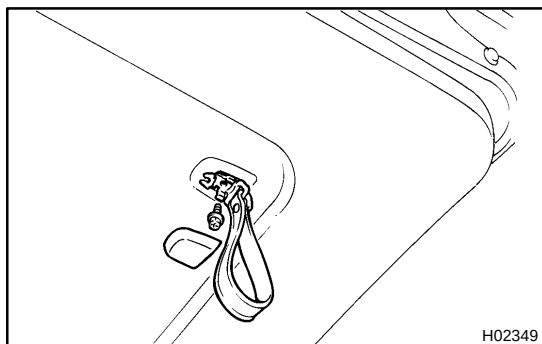
2. REMOVE BACK DOOR ASSIST GRIP

(a) Using a screwdriver, open the covers.

HINT:

Tape the screwdriver tip before use.

(b) Remove the 2 screws and assist grip.



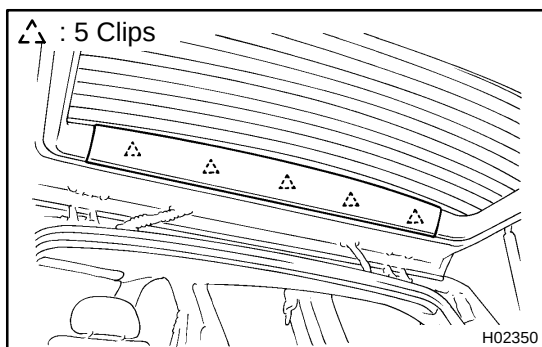
3. REMOVE BACK DOOR PULL STRAP

(a) Using a screwdriver, remove the strap cover.

HINT:

Tape the screwdriver tip before use.

(b) Remove the screw and back door pull strap.

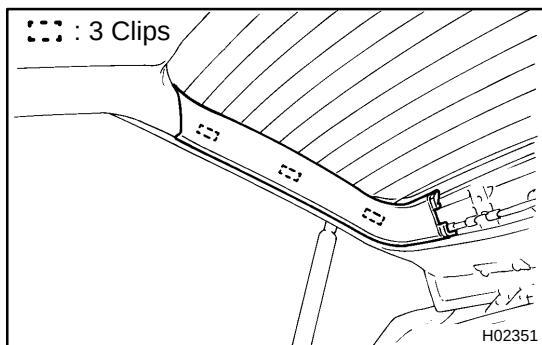


4. REMOVE CENTER GARNISH

Using a screwdriver, remove the center garnish.

HINT:

Tape the screwdriver tip before use.



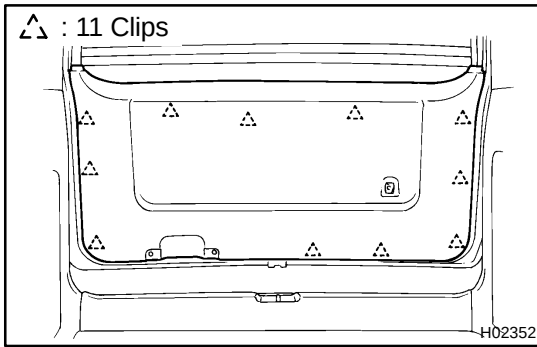
5. REMOVE SIDE GARNISH

(a) Using a screwdriver, remove the side garnish.

HINT:

Tape the screwdriver tip before use.

(b) Employ the same manner described above to the other side.

**6. REMOVE BACK DOOR TRIM BOARD**

- (a) Insert a screwdriver between the door and door trim board to pry the door trim board out.

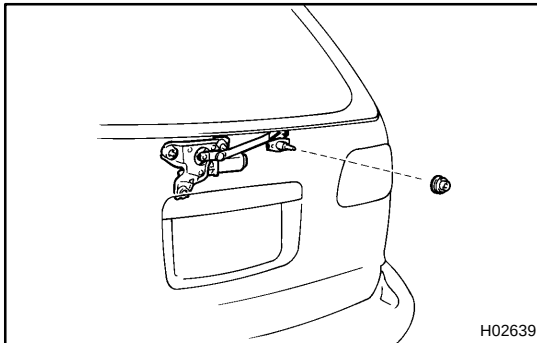
NOTICE:

Be careful not to damage the door and door trim board.

HINT:

Tape the screwdriver tip before use.

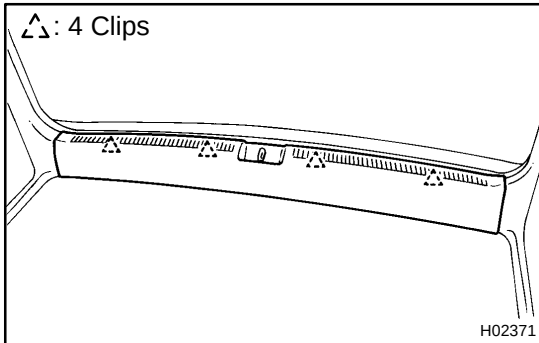
- (b) Pull the door trim board to remove it.

**7. REMOVE WIPER MOTOR AND LINK ASSEMBLY**

- (a) Remove the grommet.
- (b) Disconnect the connector.
- (c) Remove the 3 bolts from the wiper motor.
- (d) Remove the 2 bolts and wiper motor and link assembly.

REMOVAL

1. REMOVE REAR NO.2 SEAT
2. REMOVE SLIDE DOOR SCUFF PLATE

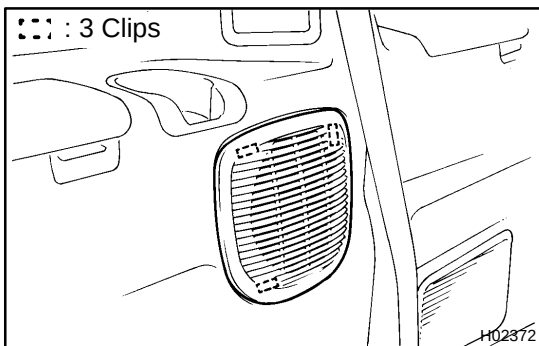


3. REMOVE BACK DOOR SCUFF PLATE

Using a screwdriver, remove the back door scuff plate.

HINT:

Tape the screwdriver tip before use.

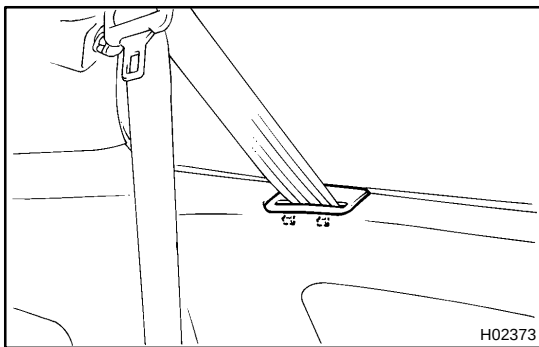


4. REMOVE REAR LH QUARTER TRIM PANEL

(a) Using a screwdriver, remove the speaker grille.

HINT:

Tape the screwdriver tip before use.



(b) Remove the quarter trim cover.

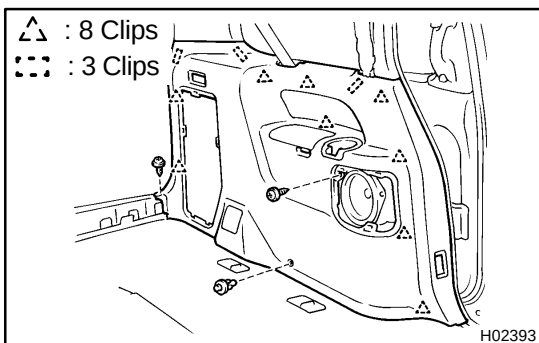
(c) Using a screwdriver, remove the rear side trim board cover.

HINT:

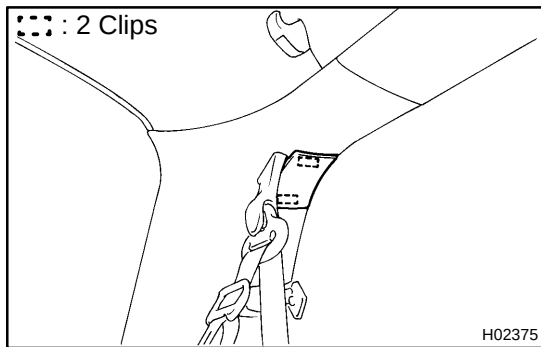
Tape the screwdriver tip before use.

(d) Remove the luggage room light, then disconnect the connector.

(e) Remove the slide door courtesy light, then disconnect the connector.



(f) Remove the 2 screws, clip and rear LH quarter trim panel.

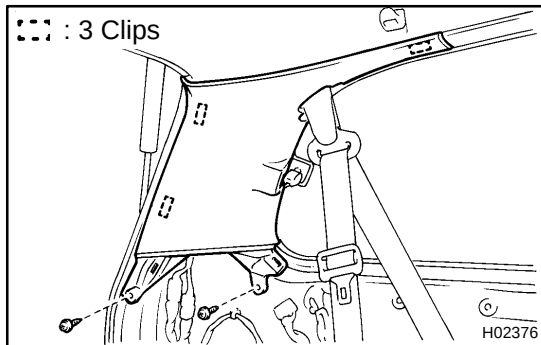


5. REMOVE NO.2 LH REAR WINDOW SIDE GARNISH

- (a) Using a screwdriver, remove the quarter pillar cover.

HINT:

Tape the screwdriver tip before use.

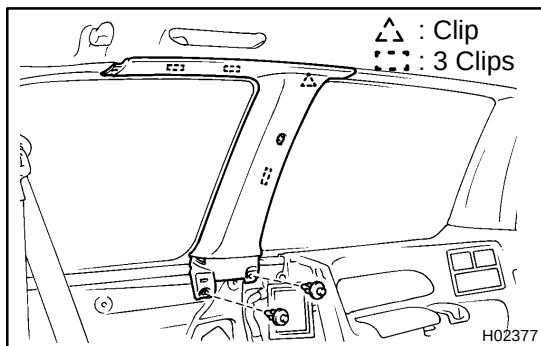


- (b) Remove the 2 screws and No.2 LH rear window side garnish.

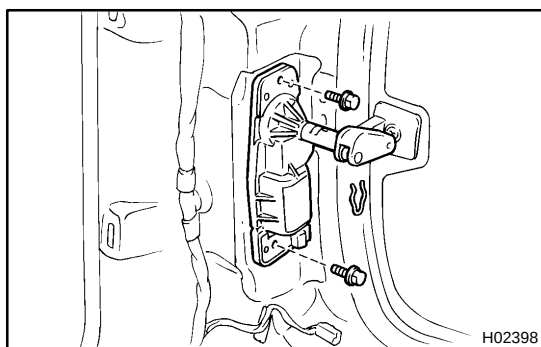
6. REMOVE LH REAR WINDOW SIDE GARNISH

- (a) Remove the No.1 rear seat outer belt shoulder anchor.

Torque: 43 N·m (440 kgf·cm, 32 ft·lbf)



- (b) Remove the 2 clips and LH rear window side garnish.



7. w/ Power vent window:

REMOVE REAR SIDE WINDOW

- (a) Disconnect the power vent window motor connector.
 (b) Remove the clip, 2 bolts and power vent window motor.
 (c) Remove the 2 nuts and rear side window.
 (d) Remove the screw and quarter window lock hinge from the rear side window.

8. w/o Power vent window:

REMOVE REAR SIDE WINDOW

- (a) Remove the 2 bolts, 2 nuts and rear side window.
 (b) Remove the screw and quarter window lock from the rear side window.

9. REMOVE REAR SIDE WINDOW WEATHERSTRIP

REPLACEMENT

REPLACE REQUIREMENTS

In the following cases, replace the seat belt pretensioner.

- If the seat belt pretensioner has been activated.
- If the seat belt pretensioner has been found to be faulty in troubleshooting.
- If the front seat outer belt has been found to be faulty during the check in items 1-(b) or 2-(b).
- If the front seat outer belt has been dropped.

CAUTION:

For removal and installation of the seat belt pretensioner, see page [BO-154](#) and [BO-162](#) .

Be sure to follow the correct procedure.

REPLACEMENT

HINT:

- The following is the seat heater replacement procedure.
- Care should be taken during operation to protect the seat cover from scratches, dirt or accidental cuts.

- 1. REMOVE FRONT SEAT (See page BO-1 15)**
- 2. REMOVE SEATBACK COVER AND SEAT CUSHION COVER (See page BO-1 16)**
- 3. TURN SEAT COVER INSIDE OUT**
- 4. REMOVE SEAT WIRE**
 - Seat cushion cover:
Remove the 3 seat wires from the seat cushion cover.
 - Seatback cover:
Remove the 2 seat wires from the seatback cover.
- 5. REMOVE SEAT HEATER**
 - Seat cushion cover:
Cut the 8 tack pins which are fastened to the seat heater, then remove the seat heater.
 - Seatback cover:
Cut the 8 tack pins which are fastened to the seat heater, then remove the seat heater.
- 6. INSTALL NEW SEAT HEATER**
 - Set a new seat heater.

HINT:

Face the marked side (mark indication) to the seat cushion pad and seatback pad.

- Using a tacker, attach tack pins to the seat heater as shown in the illustration below.

Tacker: BANZAI 303XT or equivalent

NOTICE:

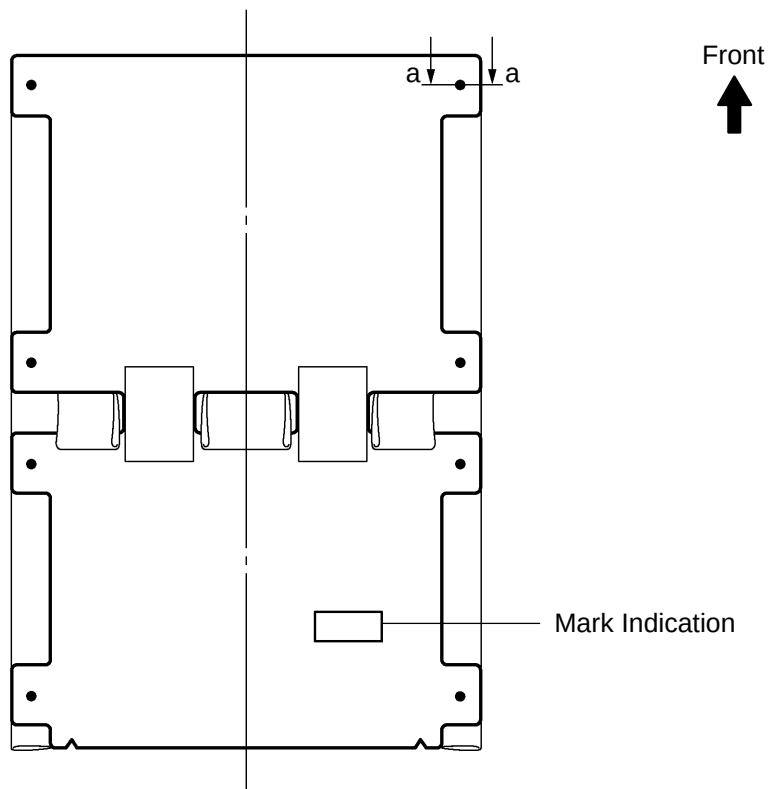
Do not substitute other metal part in place of tack pins. Insufficient distance between the heater and cover may result in damage to the heater.

HINT:

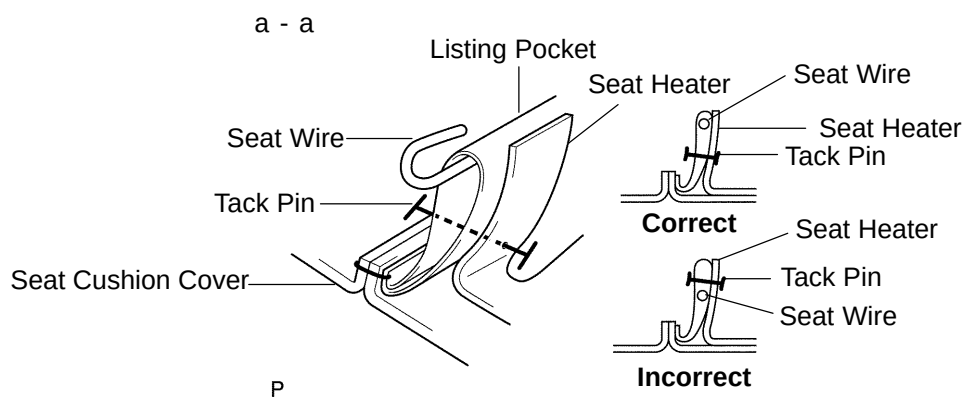
- Attach tack pins on the seam side so that the wire can be threaded through the hole from the fold side.
- Sewing thread can be substituted for tack pins. However, allow a distance of 6 - 7 mm (0.24 - 0.28 in.) between both sewed parts of the heater and cover.

Seat cushion cover:

●: Tack Pin



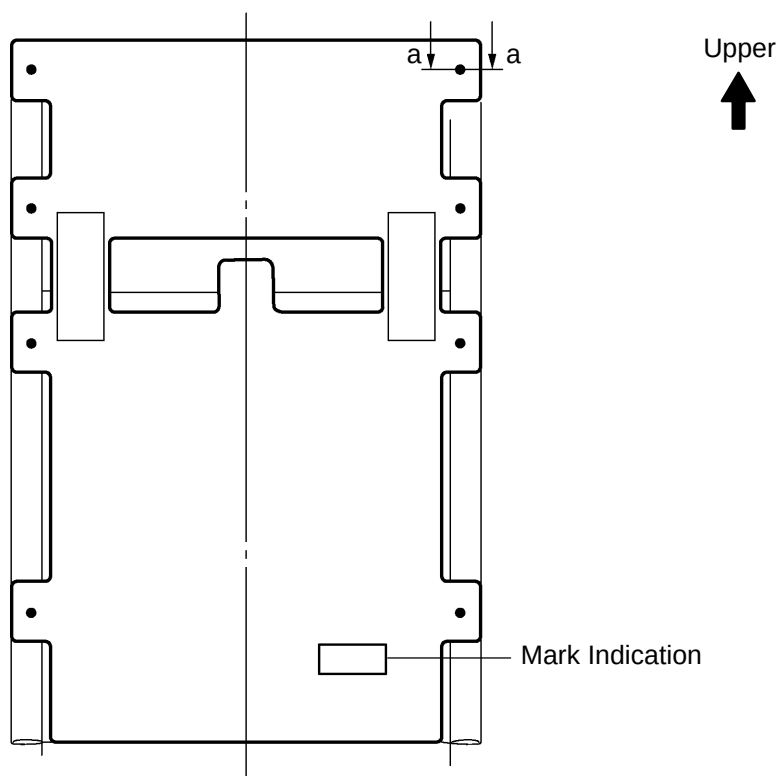
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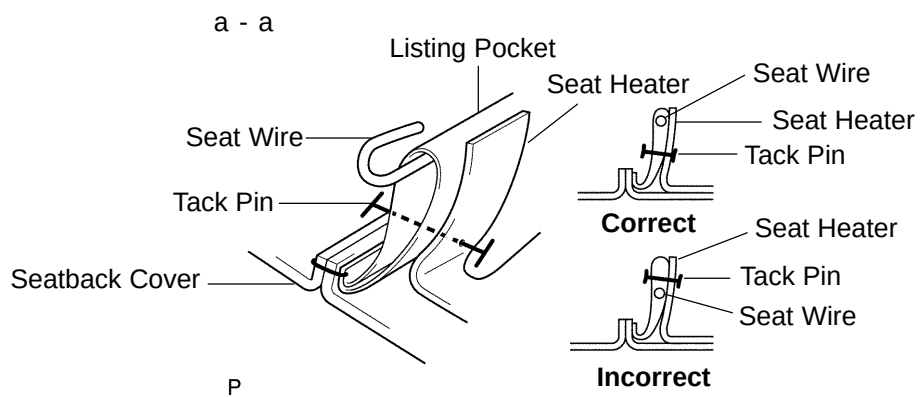
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Seatback cover:

●: Tack Pin



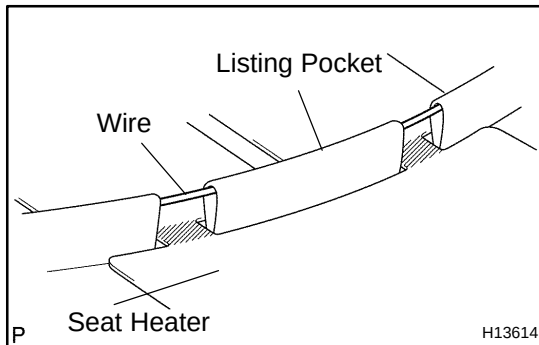
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7. INSTALL SEAT WIRE

- (a) Seat cushion cover:
Install the 3 seat wires to the seat cushion cover.
- (b) Seatback cover:
Install the 2 seat wires to the seatback cover.

**HINT:**

Pass the wire over the seat heater as shown in the illustration.

- 8. REVERSE SEAT COVER BACK TO ITS ORIGINAL POSITION**
- 9. INSTALL SEATBACK COVER AND SEAT CUSHION COVER (See page [BO-121](#))**
- 10. INSTALL FRONT SEAT (See page [BO-123](#))**

BACK DOOR STAY REPLACEMENT

B0030-03

1. REMOVE BACK DOOR STAY

- (a) Remove the bolt and back door stay from the back door.

HINT:

While supporting the back door with your hand, remove the back door stay.

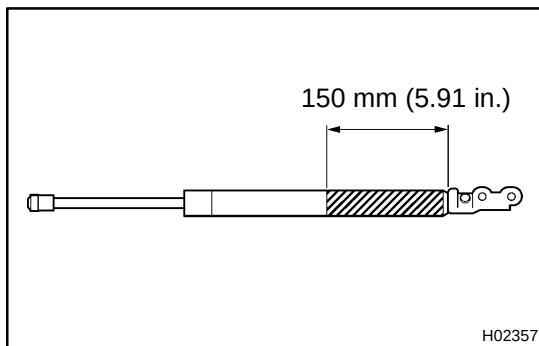
- (b) Remove the bolts and back door stay from the body.

2. IF NECESSARY, REPLACE BACK DOOR STAY

NOTICE:

When handling the back door stay.

- Do not disassemble the back door stay because the cylinder is filled with pressurized gas.



- If the back door stay is to be replaced, drill a 2.0 - 3.0 mm (0.079 - 0.118 in.) hole in the bottom of the back door stay as shown in the illustration to completely release the high-pressure gas before disposing of it.
- When drilling, chips may fly out so work carefully.
- The gas is colorless, odorless and non-toxic.
- When working, handle the back door stay carefully. Never score or scratch the exposed part of the piston rod, and never allow paint or oil to get on it.
- Do not turn the piston rod and cylinder with the back door stay fully extended.

3. INSTALL BACK DOOR STAY

- (a) Install the bolts and back door stay to the body.

Torque: 22 N·m (225 kgf·cm, 16 ft·lbf)

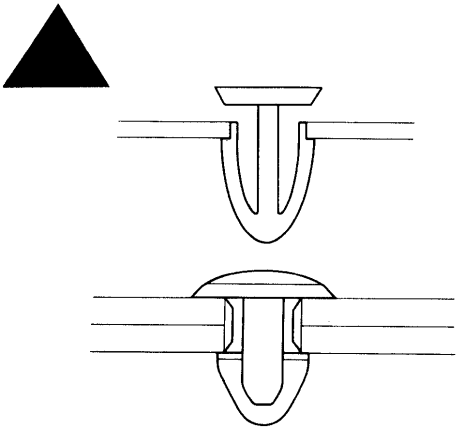
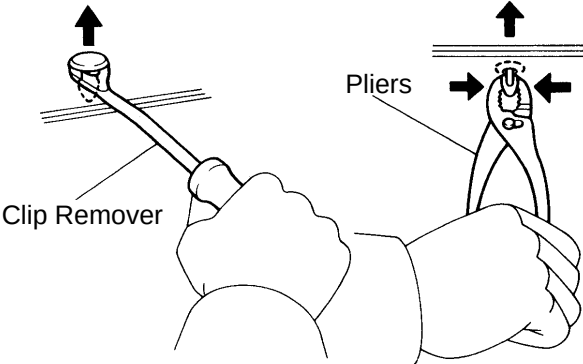
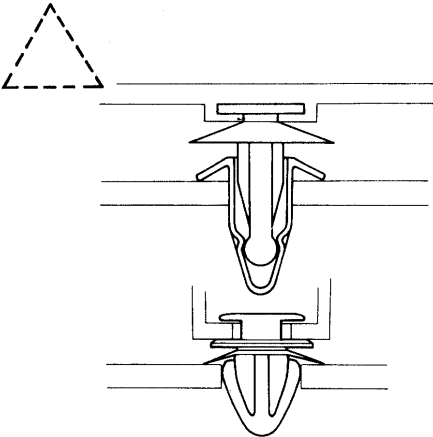
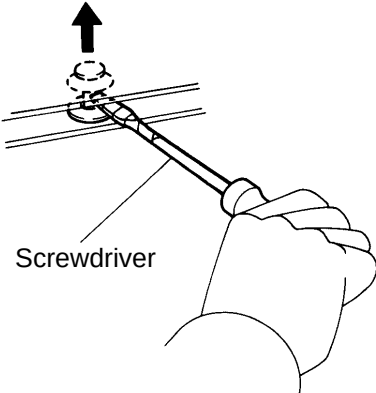
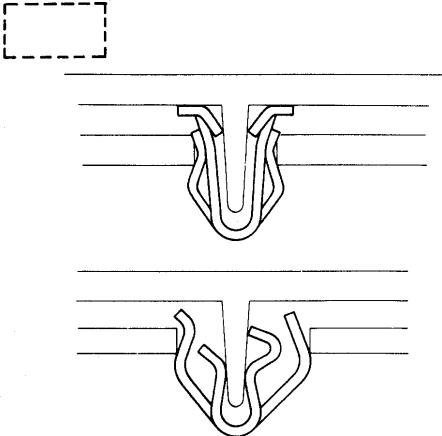
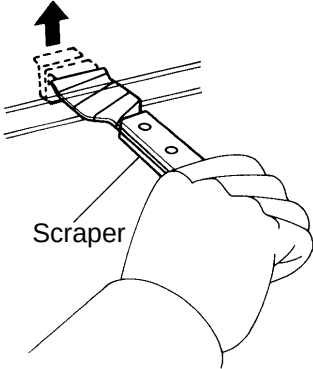
- (b) Install the bolt and back door stay to the back door.

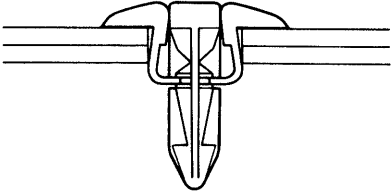
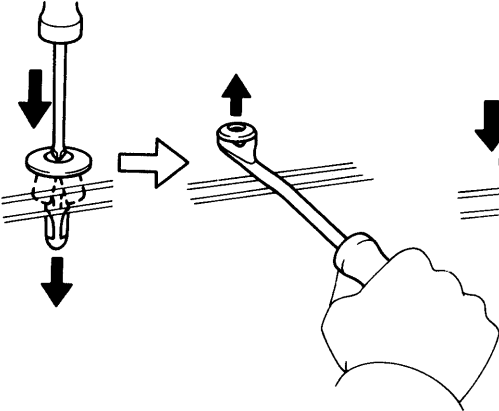
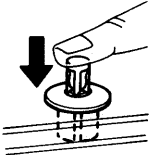
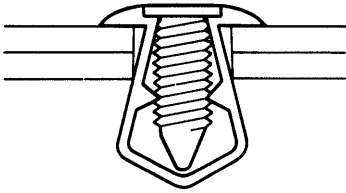
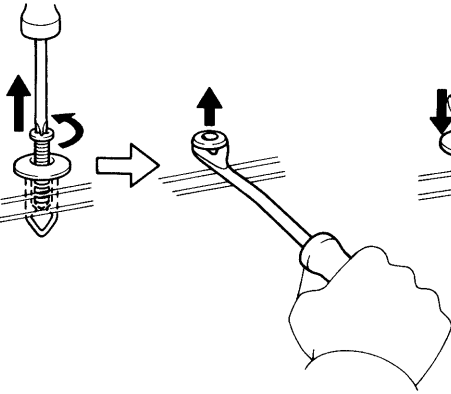
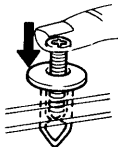
Torque: 17 N·m (175 kgf·cm, 13 ft·lbf)

CLIP
REPLACEMENT

BO023-02

The removal and installation methods of typical clips used in body parts are shown in the table below.
HINT:
If the clip is damaged during the operation, always replace it with a new clip.

Shape (Example)	Removal/Installation
	 Clip Remover Pliers
	 Screwdriver
	 Scraper

Shape (Example)	Removal/Installation
	Removal  Installation 
	Removal  Installation 

V00012

REPLACEMENT

HINT:

- The following is the seat heater replacement procedure.
- Care should be taken during operation to protect the seat cover from scratches, dirt or accidental cuts.

1. **REMOVE FRONT SEAT (See page BO-125)**
2. **REMOVE SEATBACK COVER AND SEAT CUSHION COVER (See page BO-126)**
3. **TURN SEAT COVER INSIDE OUT**
4. **REMOVE SEAT WIRE**
 - (a) Seat cushion cover:
Remove the 3 seat wires from the seat cushion cover.
 - (b) Seatback cover:
Remove the 2 seat wires from the seatback cover.
5. **REMOVE SEAT HEATER**
 - (a) Seat cushion cover:
Cut the 8 tack pins which are fastened to the seat heater, then remove the seat heater.
 - (b) Seatback cover:
Cut the 8 tack pins which are fastened to the seat heater, then remove the seat heater.
6. **INSTALL NEW SEAT HEATER**
 - (a) Set a new seat heater.

HINT:

Face the marked side (mark indication) to the seat cushion pad and seatback pad.

- (b) Using a tacker, attach tack pins to the seat heater as shown in the illustration below.

Tacker: BANZAI 303XT or equivalent

NOTICE:

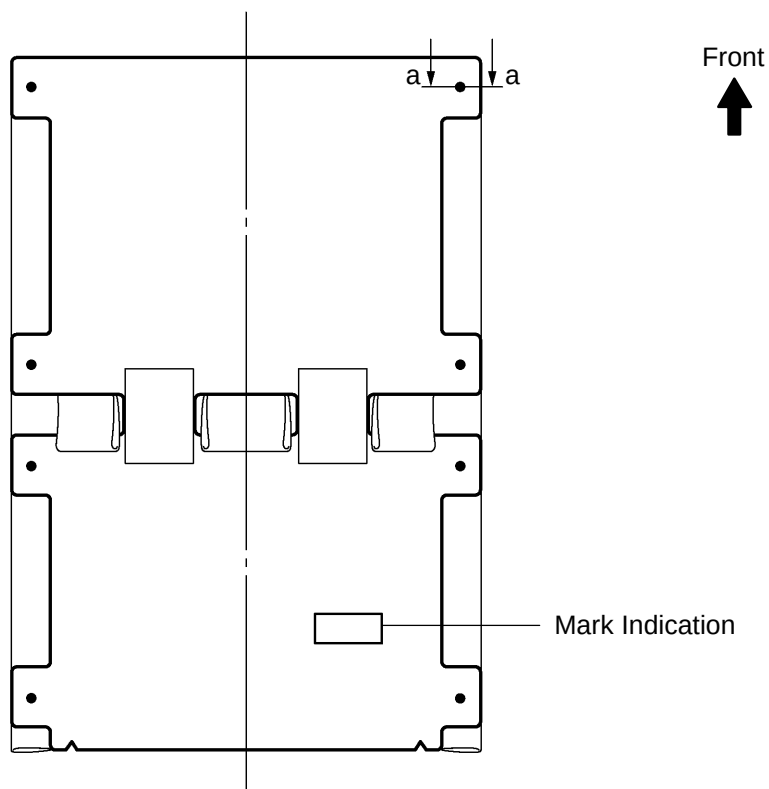
Do not substitute other metal part in place of tack pins. Insufficient distance between the heater and cover may result in damage to the heater.

HINT:

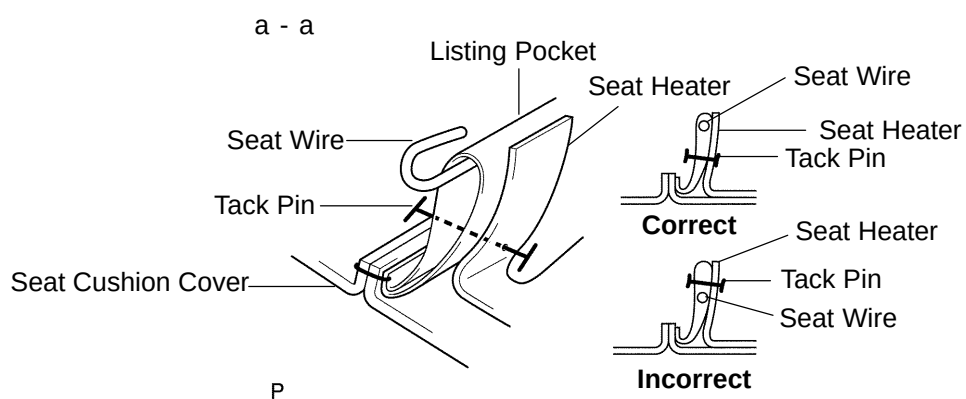
- Attach tack pins on the seam side so that the wire can be threaded through the hole from the fold side.
- Sewing thread can be substituted for tack pins. However, allow a distance of 6 - 7 mm (0.24 - 0.28 in.) between both sewed parts of the heater and cover.

Seat cushion cover:

●: Tack Pin



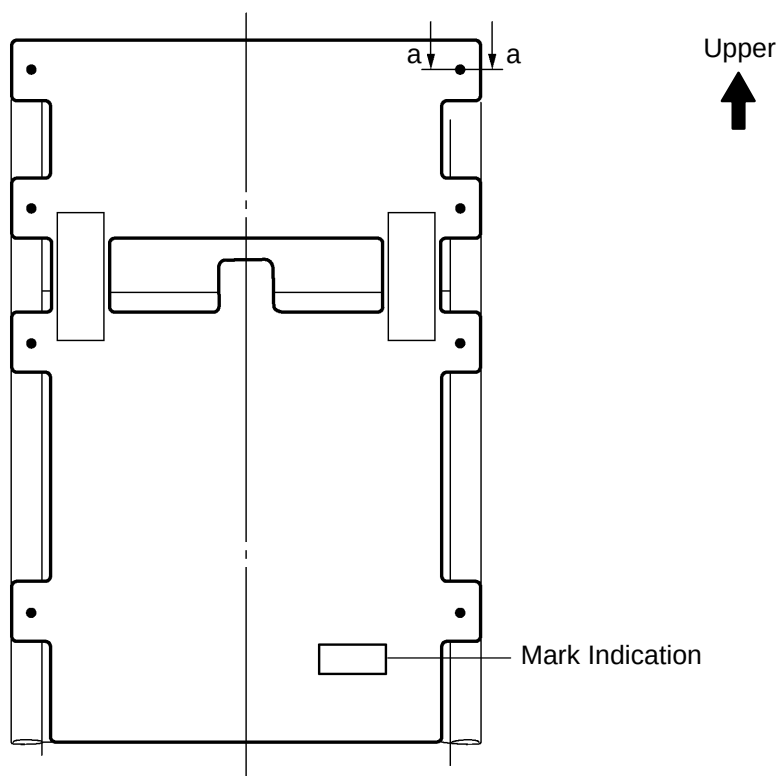
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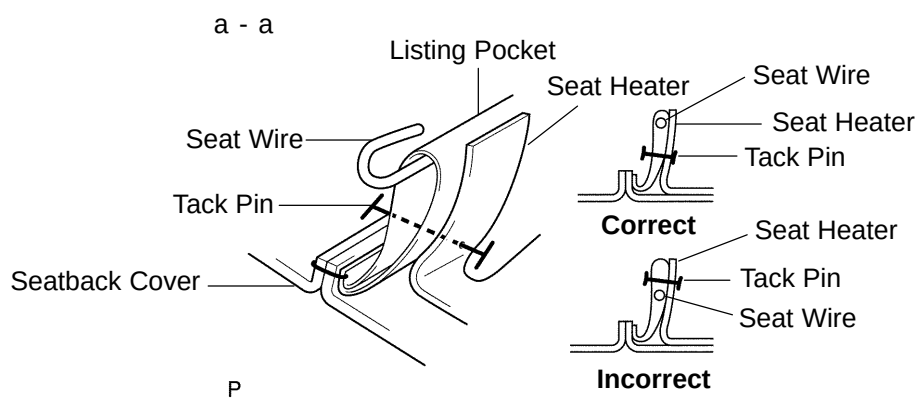
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Seatback cover:

●: Tack Pin



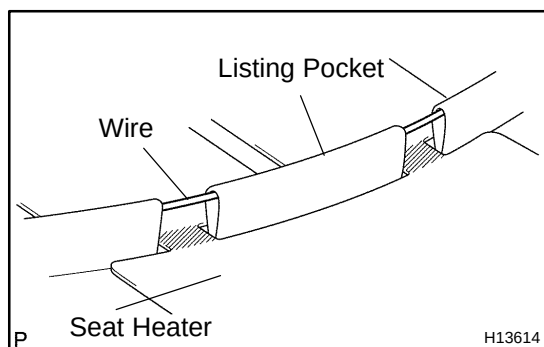
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7. INSTALL SEAT WIRE

- (a) Seat cushion cover:
Install the 3 seat wires to the seat cushion cover.
- (b) Seatback cover:
Install the 2 seat wires to the seatback cover.

**HINT:**

Pass the wire over the seat heater as shown in the illustration.

- 8. REVERSE SEAT COVER BACK TO ITS ORIGINAL POSITION**
- 9. INSTALL SEATBACK COVER AND SEAT CUSHION COVER (See page [BO-132](#))**
- 10. INSTALL FRONT SEAT (See page [BO-134](#))**