

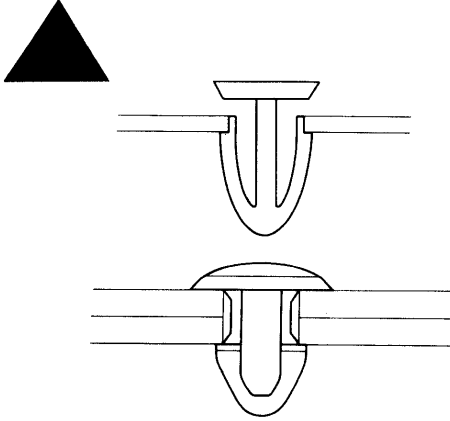
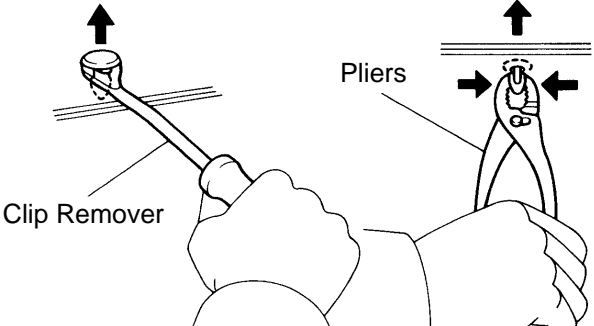
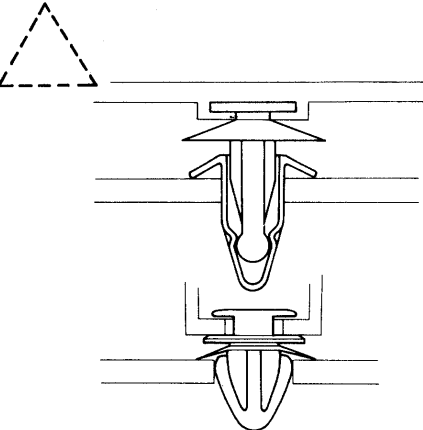
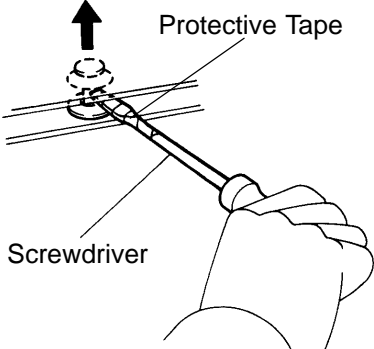
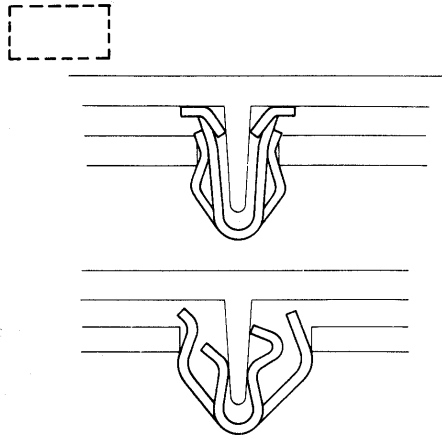
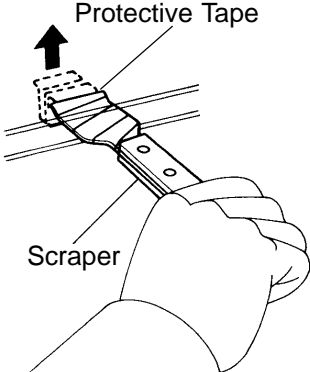
CLIP  
REPLACEMENT

BO0VU-09

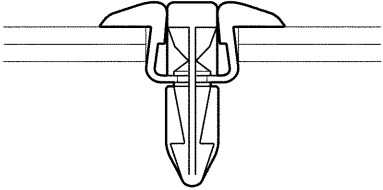
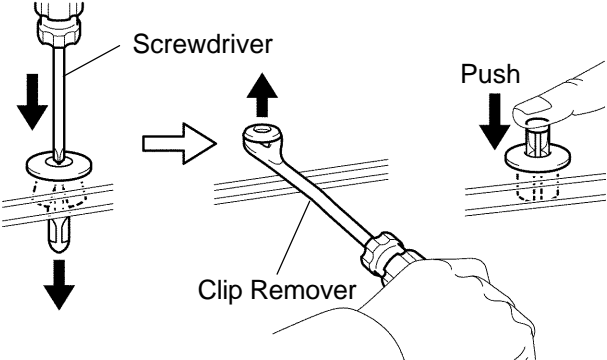
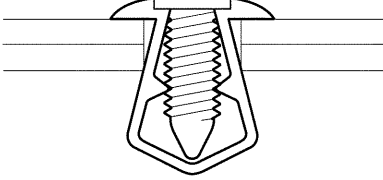
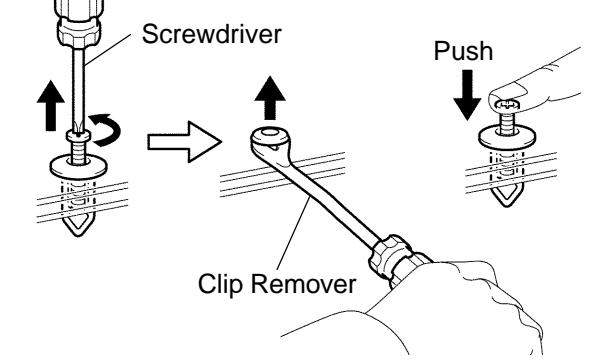
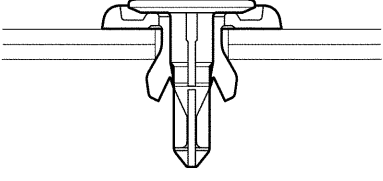
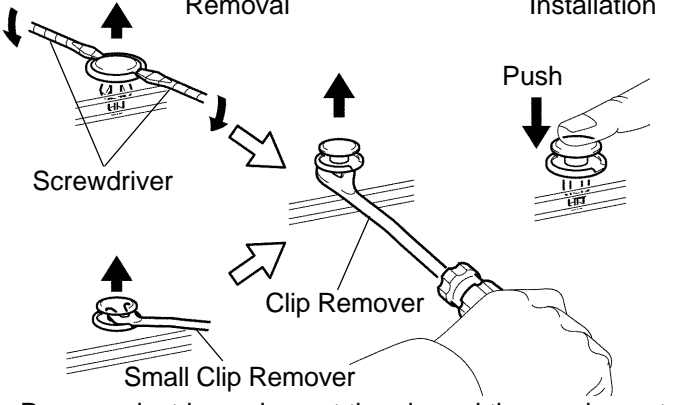
The removal and installation methods of typical clips used in body parts are shown in the table below.

HINT:

If the clip is damaged during the operation, always replace it with a new clip.

| Shape (Example)   | Removal / Installation   |
|---|--|
|    |  <p>Clip Remover</p> <p>Pliers</p> <p>Remove clips from front or rear using clip remover or pliers.</p>          |
|   |  <p>Protective Tape</p> <p>Screwdriver</p> <p>Remove clips from front or rear using clip remover or pliers.</p> |
|  |  <p>Protective Tape</p> <p>Scraper</p> <p>Remove clips from front or rear using clip remover or pliers.</p>    |

V00005

| Shape (Example)   | Removal/Installation  |
|---|---|
|    | <div><div>Removal</div><div>Installation</div></div>  <p>Remove rivet by pushing the center pin through and prying out the rivet shell.</p> |
|   | <div><div>Removal</div><div>Installation</div></div>  <p>Remove rivet by unscrewing the center pin and prying out the rivet shell.</p>     |
|  | <div><div>Removal</div><div>Installation</div></div>  <p>Remove rivet by prying out the pin and then prying out the rivet shell.</p>      |

# SRS AIRBAG

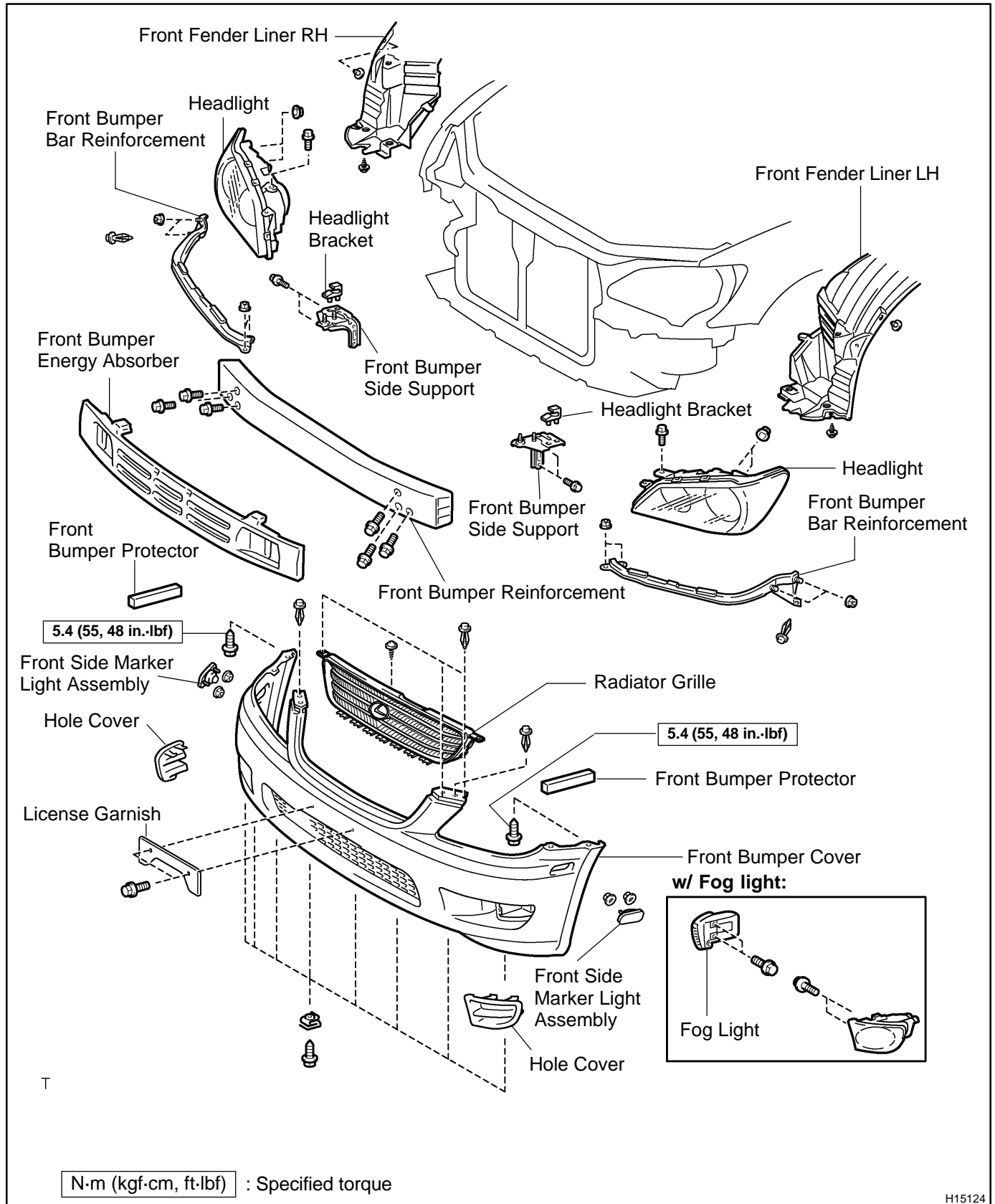
B00VV-13

## PRECAUTION

The LEXUS IS300 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 the 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.

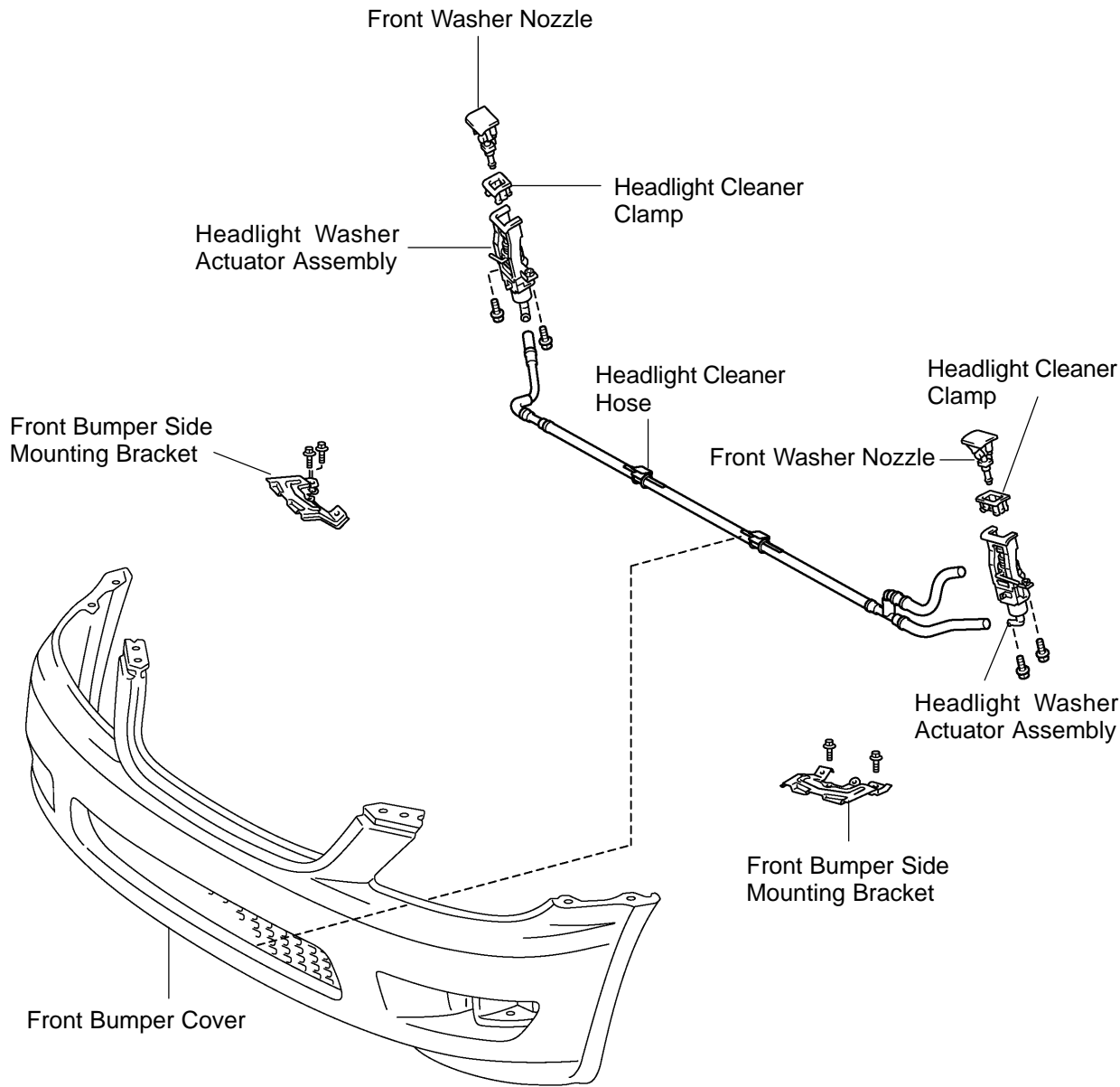
# FRONT BUMPER COMPONENTS

BO4CW-03



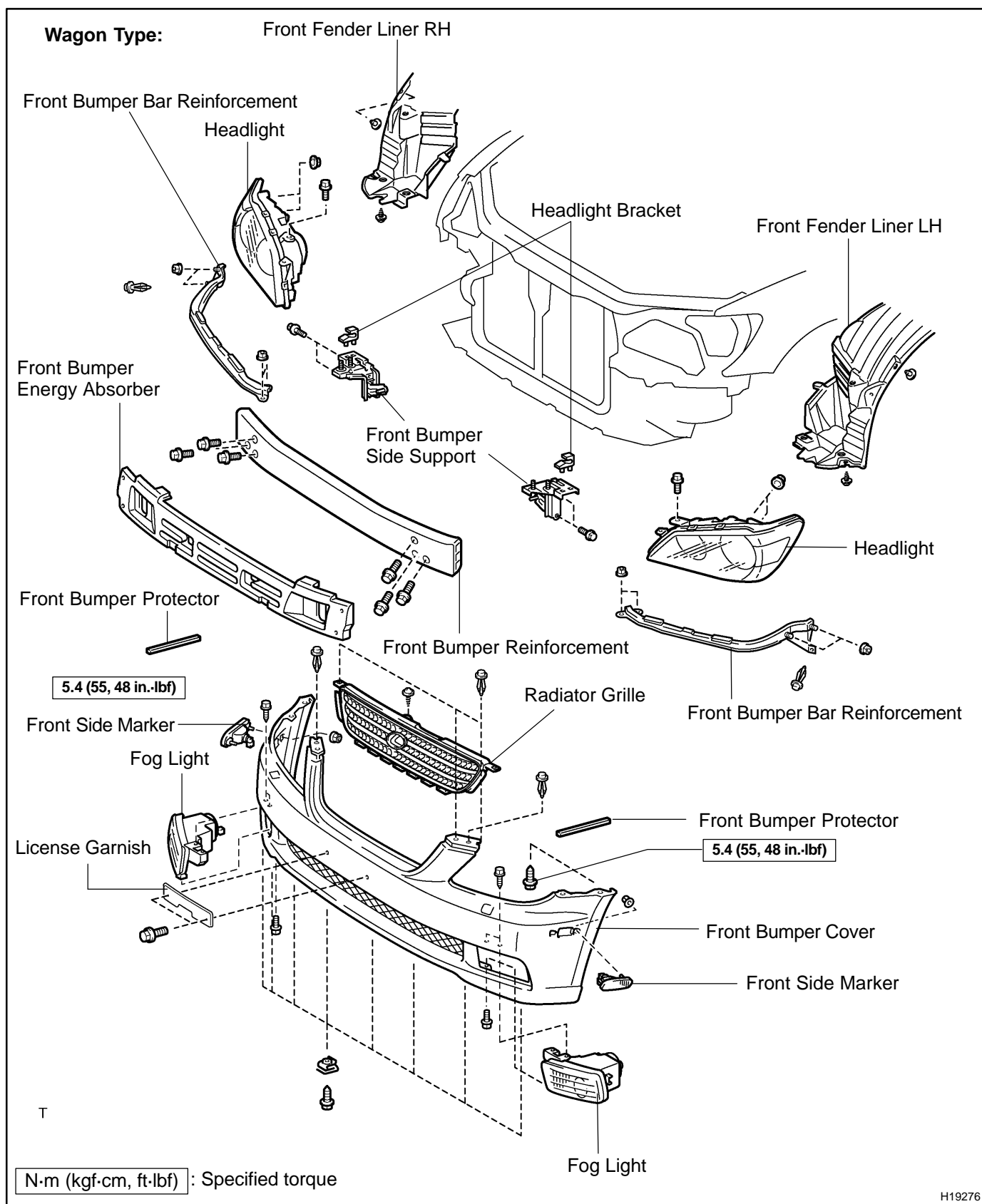
H15124

w/ Headlight washer:

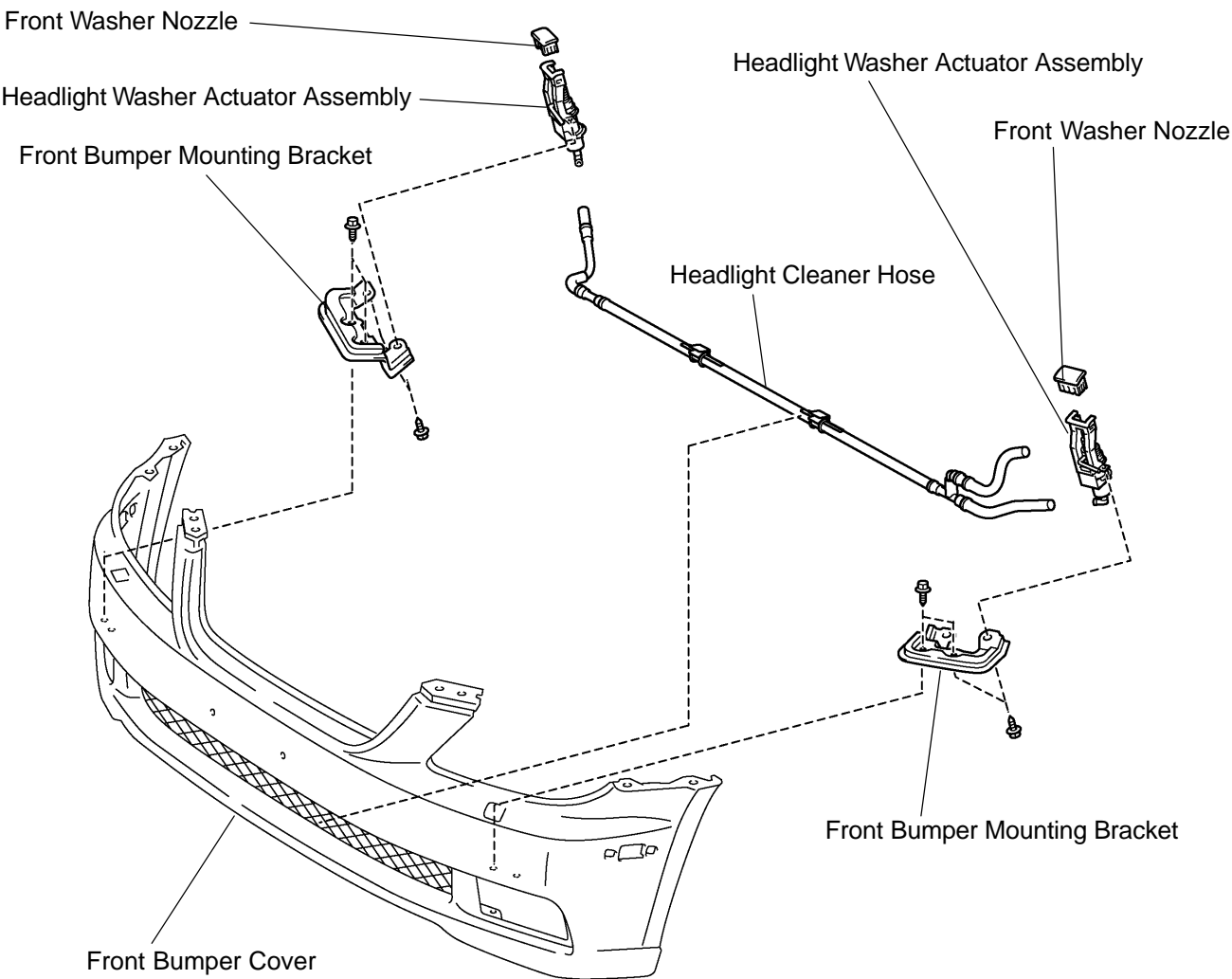


T

H15125



w/ Headlight Washer:



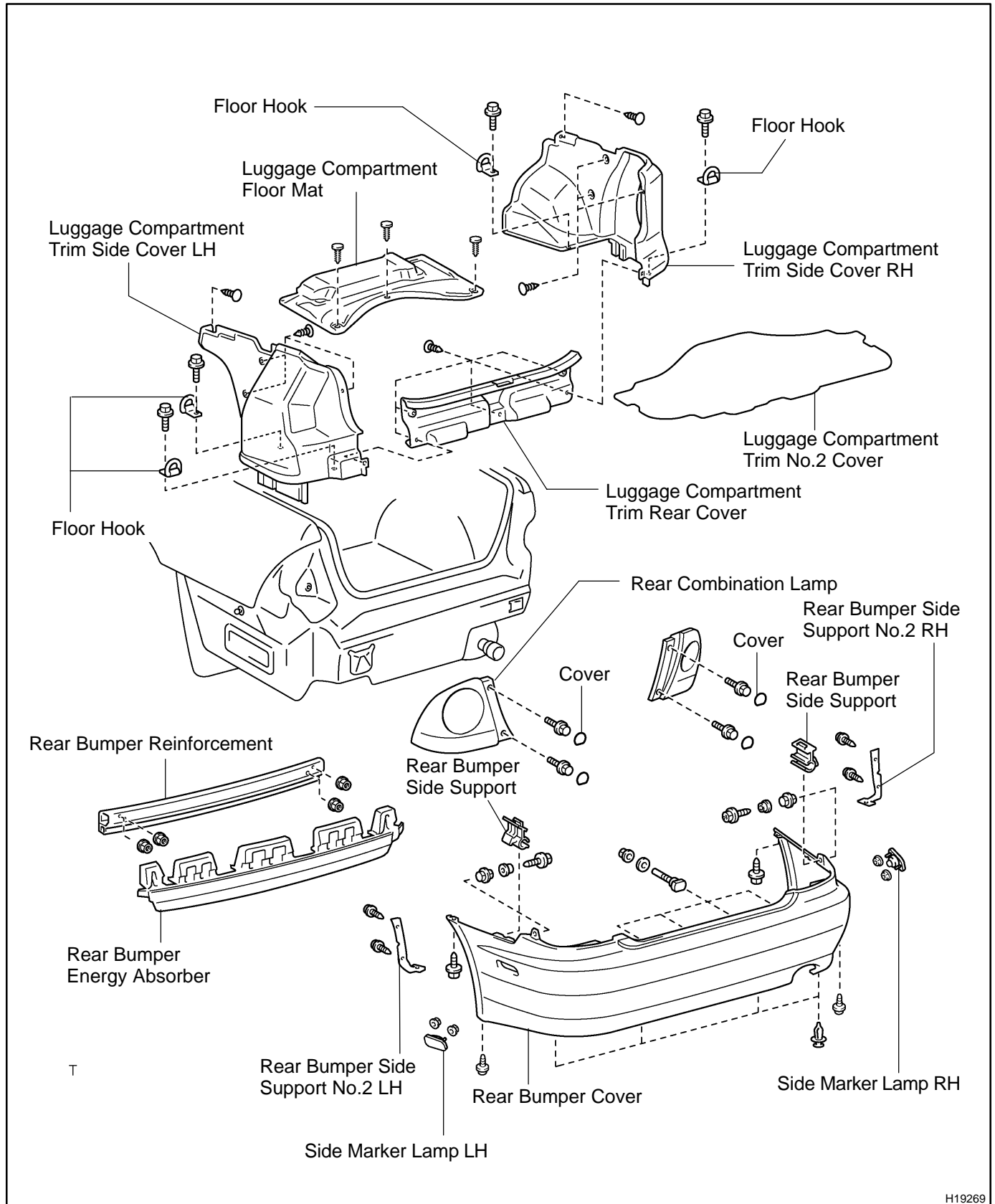
T

H19436

# REAR BUMPER (Sedan)

## COMPONENTS

B04CX-02

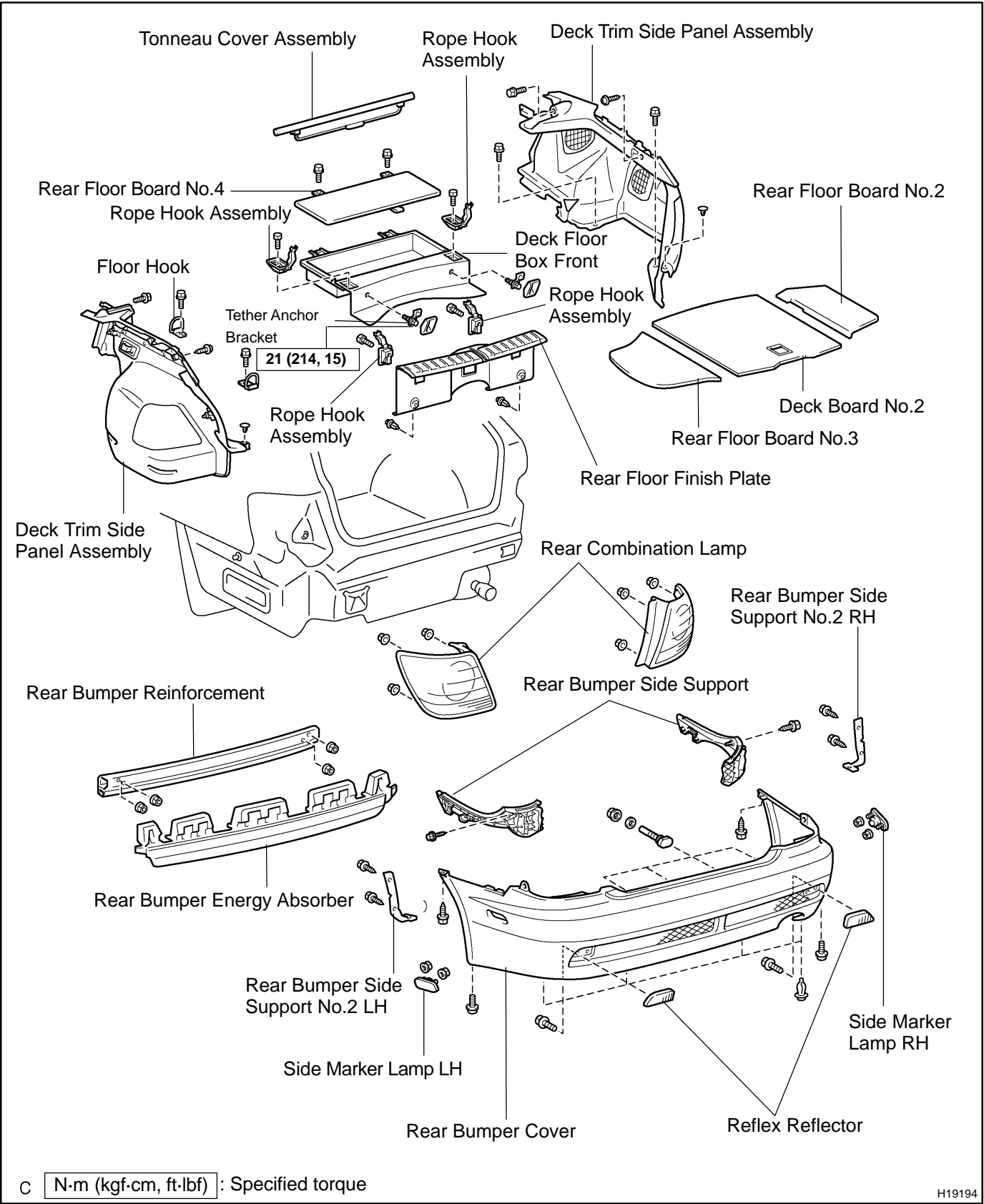


H19269



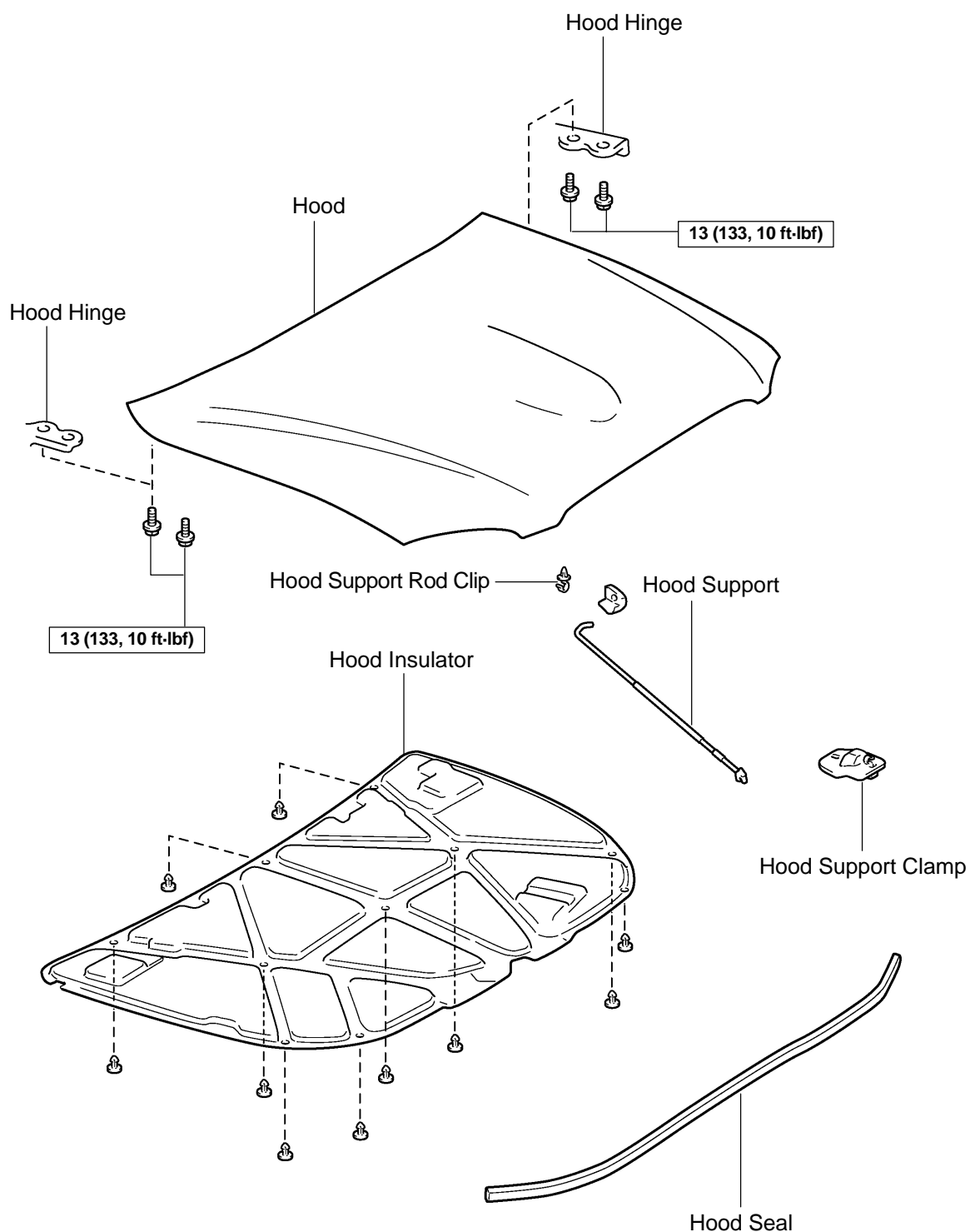
# REAR BUMPER (Wagon) COMPONENTS

BO4CY-02



# HOOD COMPONENTS

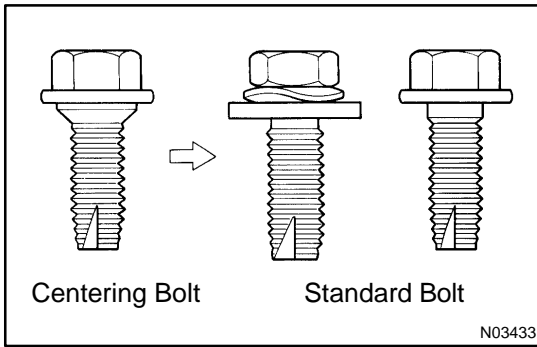
B00VZ-09



T

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

H19469

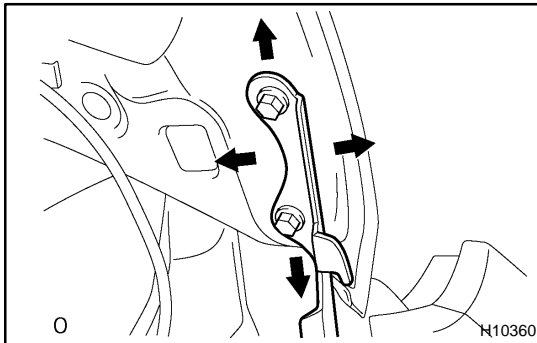


## ADJUSTMENT

### HINT:

Since the centering bolt is used as a hood hinge and hood lock set bolt, the hood and hood lock cannot be adjusted.

Substitute the bolt with a washer for the centering bolt.



### 1. ADJUST HOOD IN FORWARD/REARWARD

Adjust the hood by loosening the hood side hinge bolts.

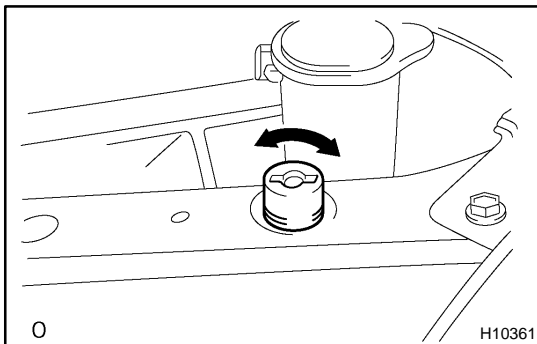
**Torque: 13 N·m (133 kgf-cm, 10 ft-lbf)**

### 2. ADJUST HOOD IN VERTICAL DIRECTIONS

(a) Remove the bolts and increase or decrease the number of washers between the hinge and the hood.

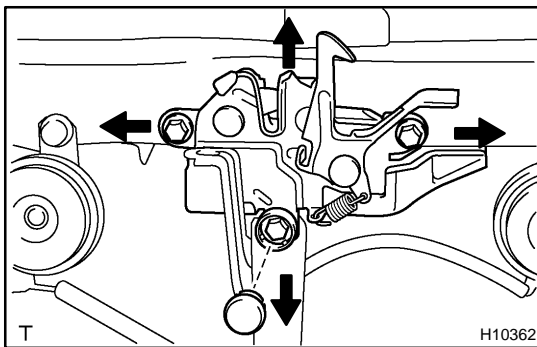
(b) Install the bolts again.

**Torque: 13 N·m (133 kgf-cm, 10 ft-lbf)**



### 3. ADJUST FRONT EDGE OF HOOD IN VERTICAL DIRECTION

Adjust the hood by turning the cushions.



### 4. ADJUST HOOD LOCK

(a) Remove the screw, 2 clips and radiator grille.

(b) Using a screwdriver, remove the hood lock bolt cap.

### HINT:

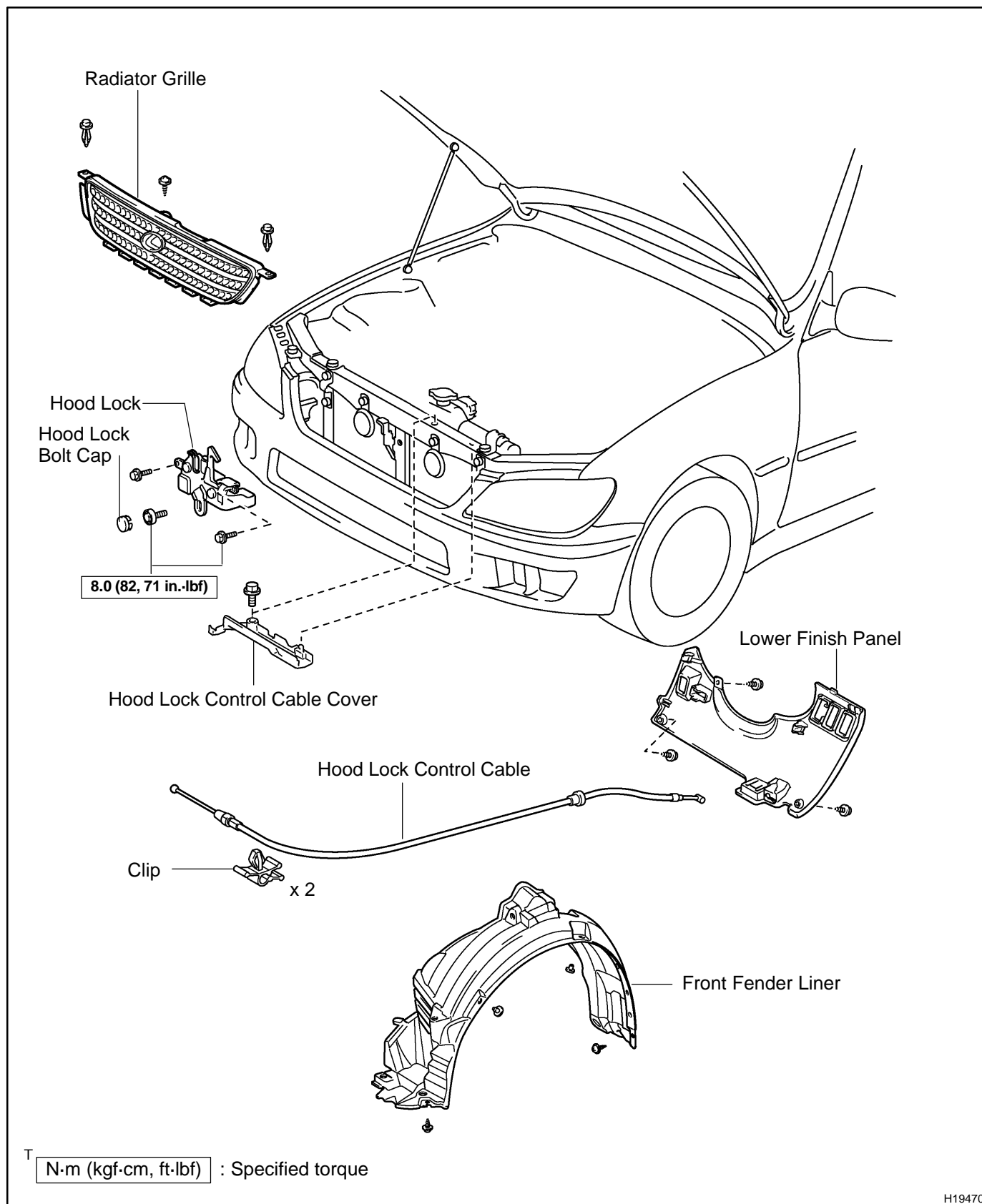
Tape the screwdriver tip before use.

(c) Adjust the hood lock by loosening the bolts.

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

# HOOD LOCK CONTROL COMPONENTS

B00VW-06



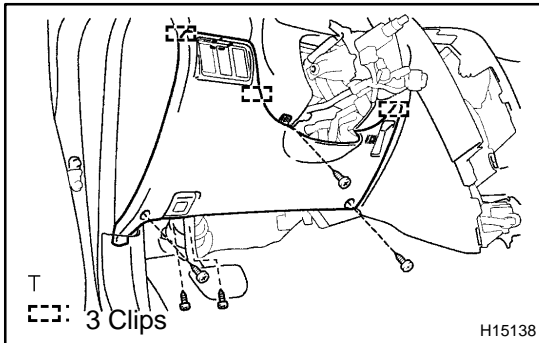
H19470

## REMOVAL

### HINT:

A bolt without a torque specification is shown in the standard bolt chart. (see page [SS-2](#))

#### 1. REMOVE FRONT FENDER LINER



#### 2. REMOVE LOWER FINISH PANEL

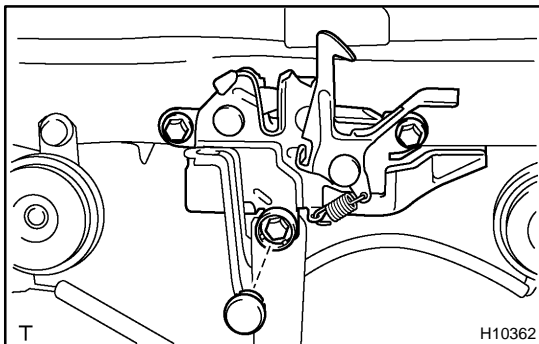
- (a) Remove the 3 screws and lower finish panel.
- (b) Disconnect the connectors and hood lock control cable.

#### 3. REMOVE RADIATOR GRILLE

Remove the screw, 2 clips and radiator grille.

#### 4. REMOVE HOOD LOCK CONTROL CABLE COVER

Remove the bolt and hood lock control cable cover.



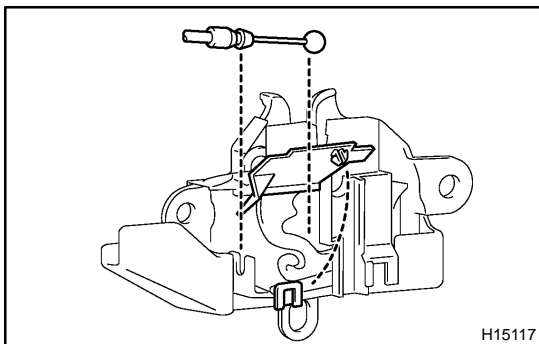
#### 5. REMOVE HOOD LOCK

- (a) Using a screwdriver, remove the hood lock bolt cap.

### HINT:

Tape the screwdriver tip before use.

- (b) Remove the 3 bolts and hood lock.



- (c) Using a screwdriver, open the cover, then disconnect the hood lock control cable.

### HINT:

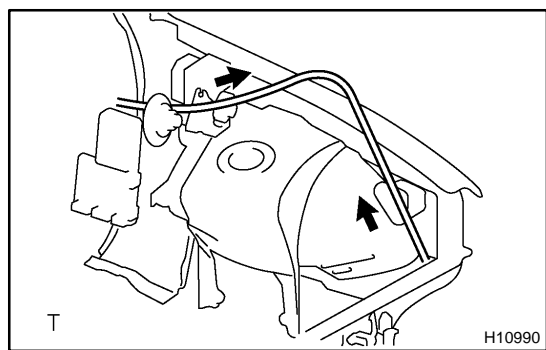
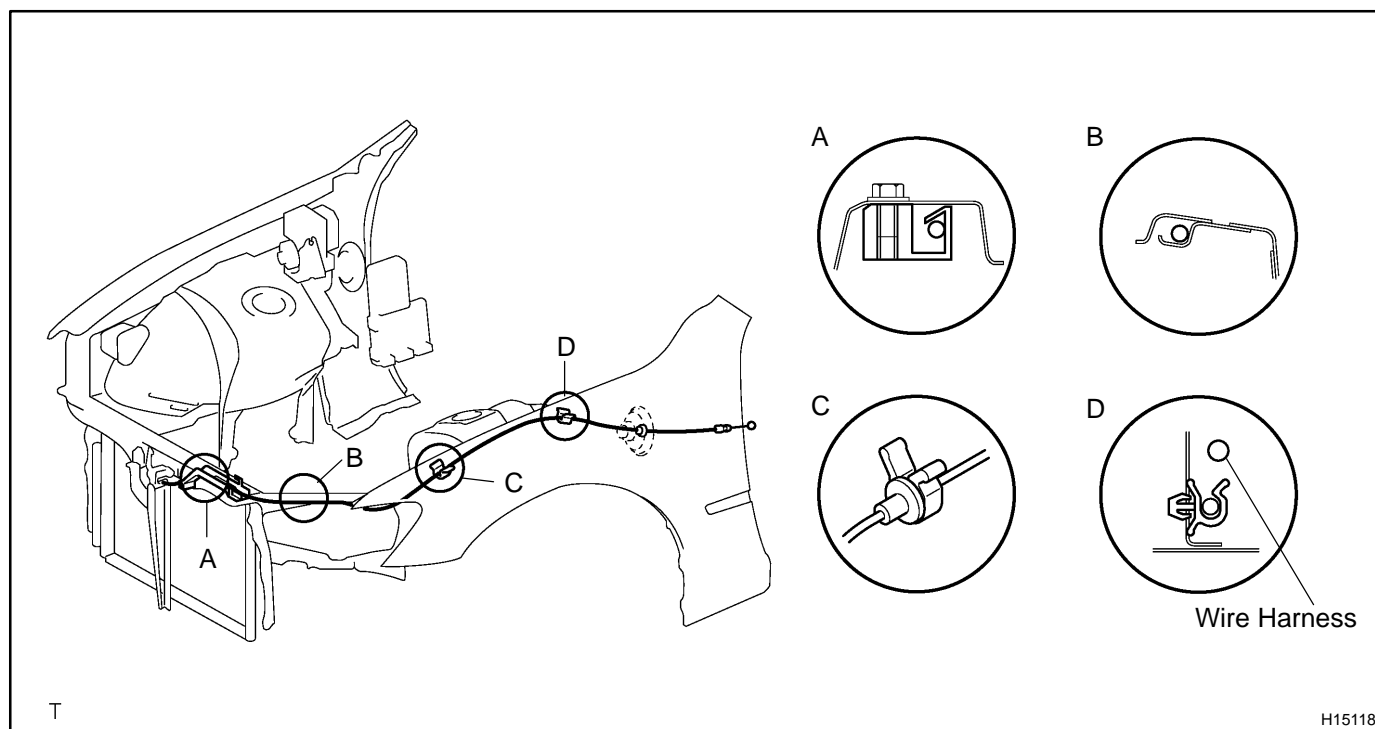
Tape the screwdriver tip before use.

**6. REMOVE HOOD LOCK CONTROL CABLE**

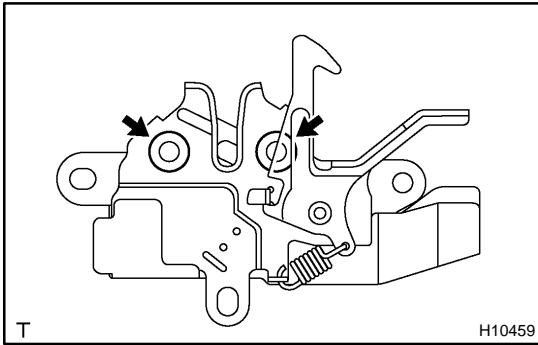
- (a) Using a screwdriver, disconnect the cable from the clamps.

HINT:

Tape the screwdriver tip before use.



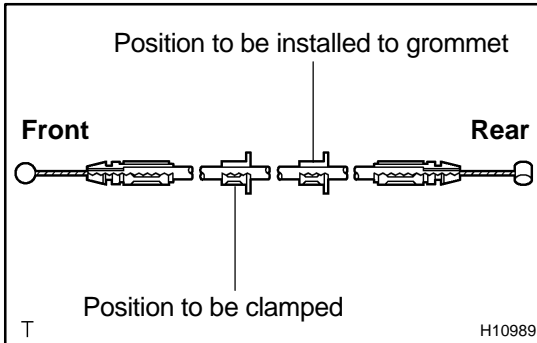
- (b) Pull the cable from the engine room to remove it.



## INSTALLATION

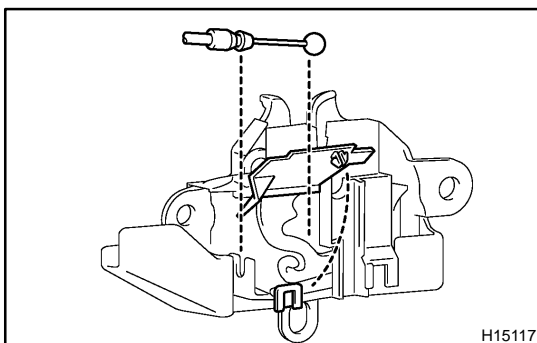
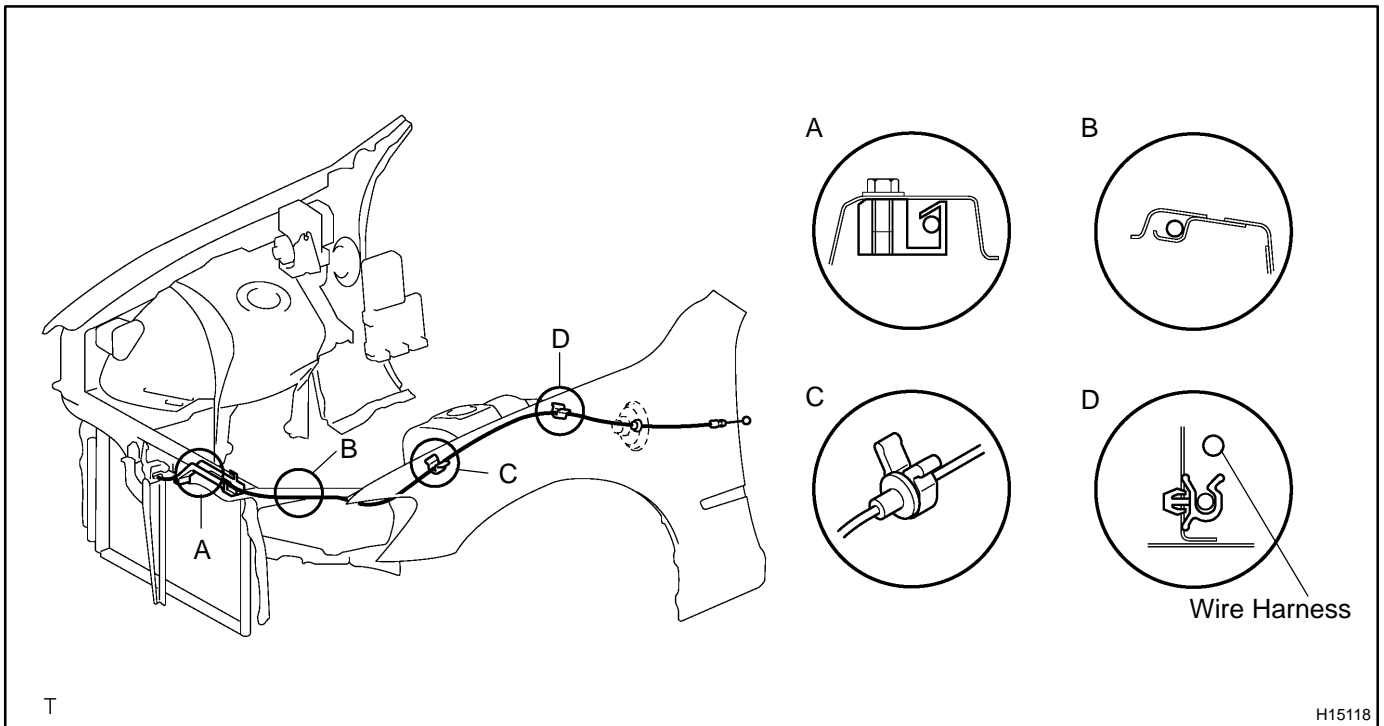
### 1. BEFORE INSTALLING PARTS, COAT LOCK WITH MP GREASE

Apply MP grease to the sliding surface of the lock.



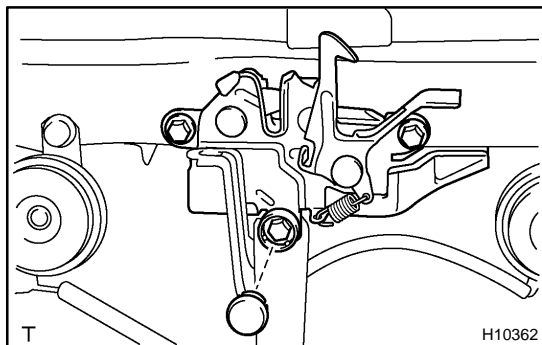
### 2. INSTALL HOOD LOCK CONTROL CABLE

- Push the rear side cable through the grommet.
- Push the cable stopper to the grommet.
- Pass the front side cable through the upper radiator support.
- Install the cable with clamps.
- Push the cable stopper to the clamp.



### 3. INSTALL HOOD LOCK

- Connect the hood lock control cable to the hood lock, then close the cover.



- (b) Install the hood lock with the 3 bolts.

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

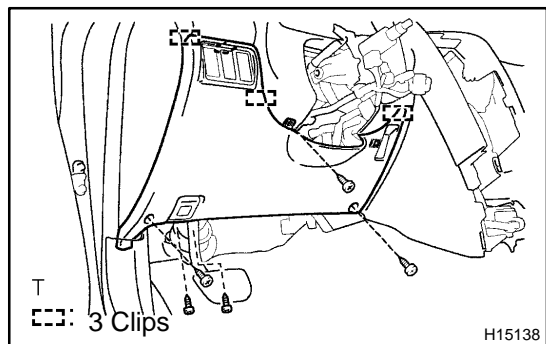
- (c) Install the hood lock bolt cap.

**4. INSTALL HOOD LOCK CONTROL CABLE COVER**

Install the hood lock control cable cover with the bolt.

**5. INSTALL RADIATOR GRILLE**

Install the radiator grille with the screw and 2 clips.



**6. INSTALL LOWER FINISH PANEL**

- (a) Connect the connectors and hood lock control cable to the lower finish panel.

- (b) Install the lower finish panel with the 3 screws.

**7. CHECK HOOD LOCK CONTROL FOR PROPER OPERATION**

After checking for proper operation, tighten the 3 bolts to install the lock.

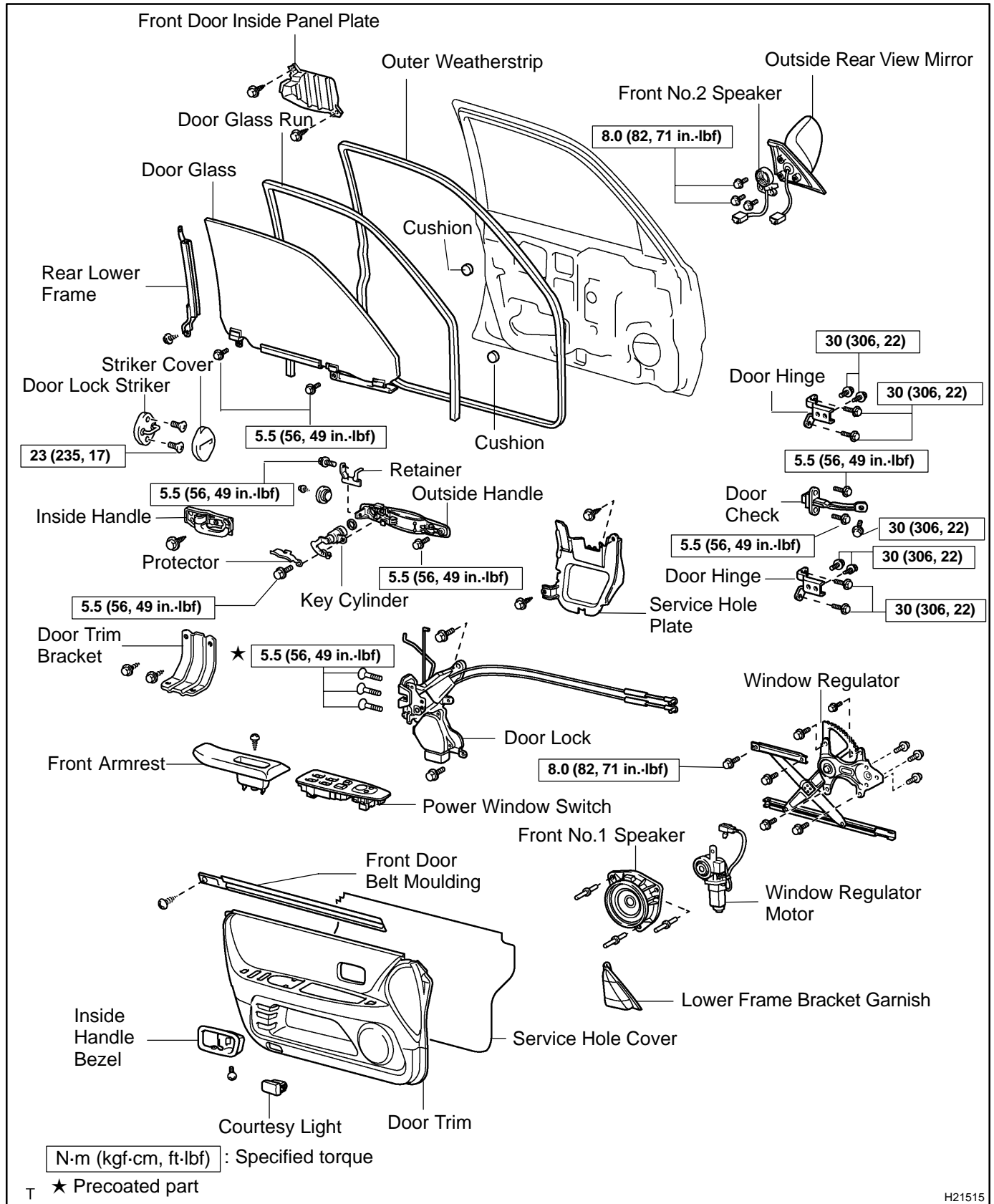
**Torque: 8.0 N·m (82 kgf·cm, 71 in.-lbf)**

**8. INSTALL FRONT FENDER LINER**

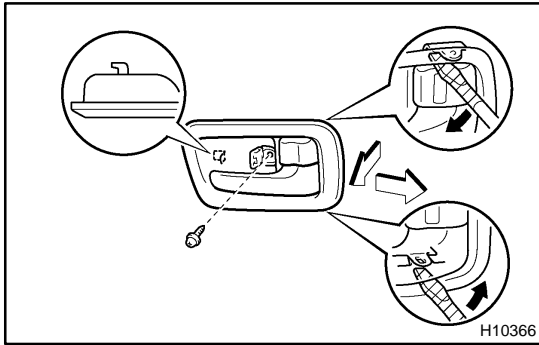


# FRONT DOOR COMPONENTS

B02C3-05



H21515



## DISASSEMBLY

### HINT:

A bolt without a torque specification is shown in the standard bolt chart. (see page [SS-2](#))

### 1. REMOVE INSIDE HANDLE BEZEL

- (a) Using a screwdriver, open the screw cap.

### HINT:

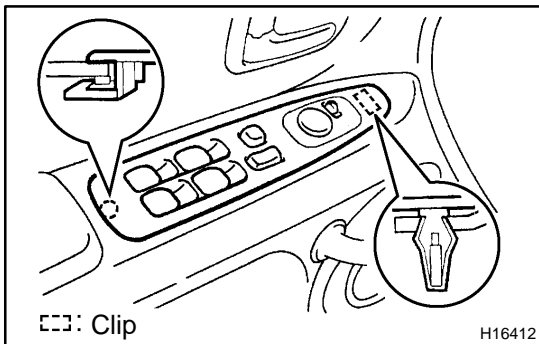
Tape the screwdriver tip before use.

- (b) Remove the screw.

- (c) Using a screwdriver, remove the inside handle bezel as shown in the illustration.

### HINT:

Tape the screwdriver tip before use.



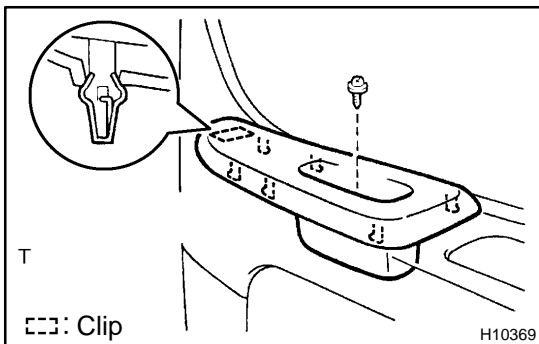
### 2. REMOVE POWER WINDOW SWITCH

- (a) Using a screwdriver, remove the power window switch.

### HINT:

Tape the screwdriver tip before use.

- (b) Disconnect the connectors.



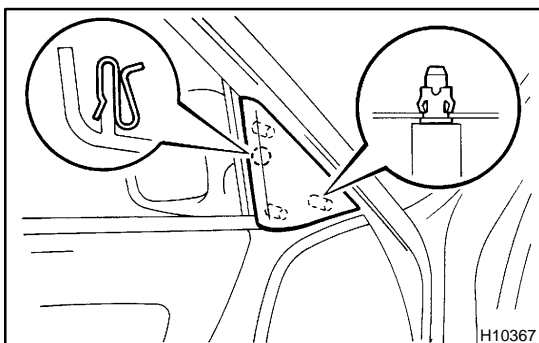
### 3. REMOVE FRONT ARMREST

- (a) Remove the screw.

- (b) Using a screwdriver, remove the front armrest as shown in the illustration.

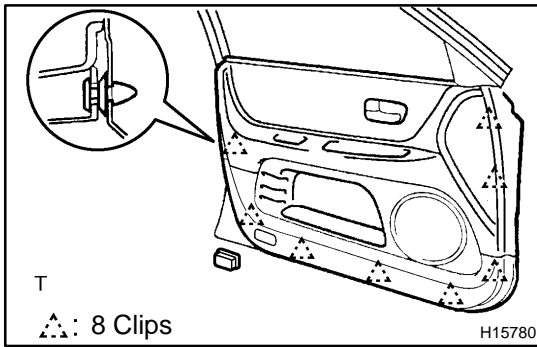
### HINT:

Tape the screwdriver tip before use.



### 4. REMOVE LOWER FRAME BRACKET GARNISH

Remove the lower frame bracket garnish.



### 5. REMOVE DOOR TRIM

- (a) Using a screwdriver, remove the courtesy light, then disconnect the connector.

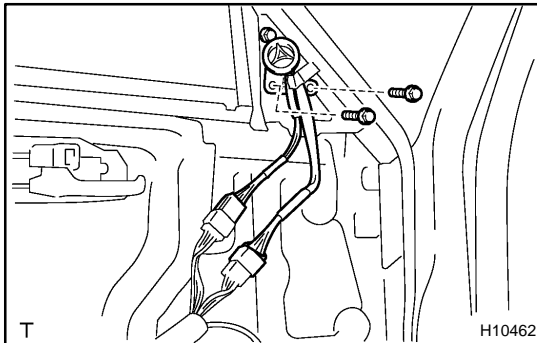
HINT:

Tape the screwdriver tip before use.

- (b) Using a screwdriver, disengage the clips, then pull the trim upward to remove it.

HINT:

Tape the screwdriver tip before use.

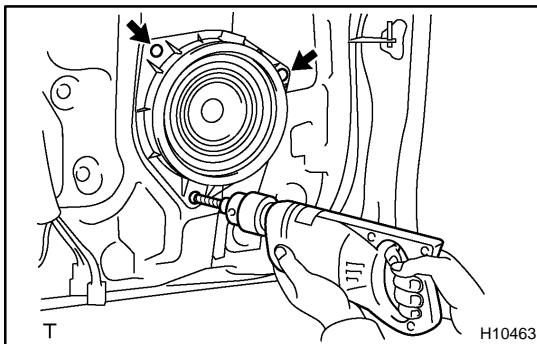


### 6. REMOVE FRONT NO.2 SPEAKER

- (a) Disconnect the 2 connectors.  
(b) Remove the 2 bolts and front No.2 speaker.

### 7. REMOVE OUTSIDE REAR VIEW MIRROR

- (a) Disconnect the connector.  
(b) Remove the bolt and outside rear view mirror.

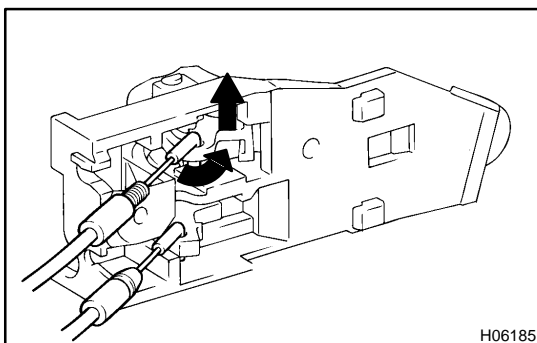


### 8. REMOVE FRONT NO.1 SPEAKER

- (a) Disconnect the connector.  
(b) Using a drill of less than  $\varnothing 4$  mm (0.16 in.), drill out the rivet heads and remove the speaker.  
(c) Gently and vertically put the drill to the rivet, and cut the rivet flanges.

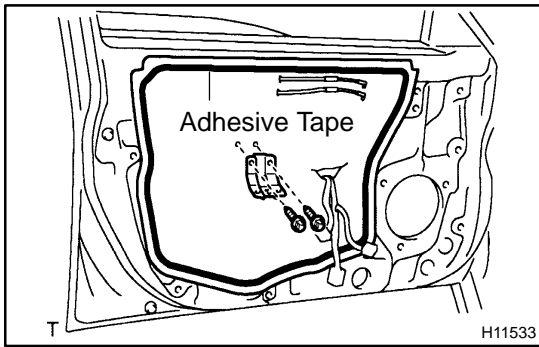
**NOTICE:**

- Prizing the hole with a drill can lead to damage to the rivet hole or breaking the drill.
  - Take care as the cut rivet is hot.
- (d) Even if a flange is taken off, continue drilling and push out remaining fragments with the drill.  
(e) Using a vacuum cleaner, remove the drilled rivet and their dust from the inside of the door.



### 9. REMOVE INSIDE HANDLE

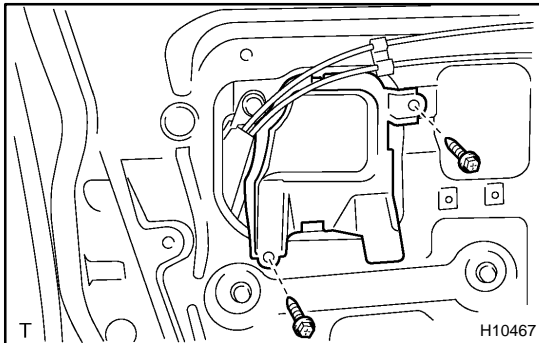
Remove the screw and inside handle, disconnect the 2 cables from the inside handle.

**10. REMOVE SERVICE HOLE COVER**

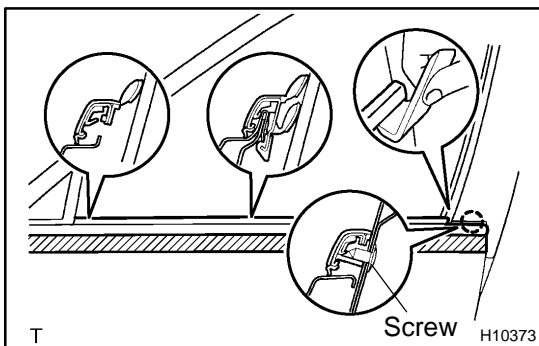
- (a) Remove the 2 screws and door trim bracket.
- (b) Remove the service hole cover.

**11. REMOVE FRONT DOOR INSIDE PANEL PLATE**

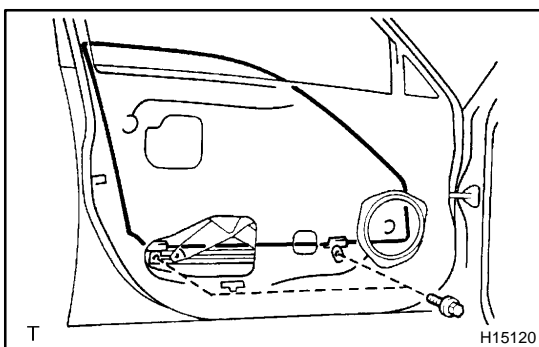
Remove the 2 screws and front door inside panel plate.

**12. REMOVE NO.2 SERVICE HOLE COVER**

Remove the 2 screws and No.2 service hole cover.

**13. REMOVE FRONT DOOR BELT MOULDING**

- (a) Remove a screw.
- (b) Apply protective tape to the outer surface as shown in the illustration, to keep the surface from being scratched.
- (c) Using a moulding remover, remove the front door belt moulding as shown in the illustration.

**14. REMOVE DOOR GLASS**

**HINT:**

Insert a shop rag inside the door panel to prevent scratching the glass.

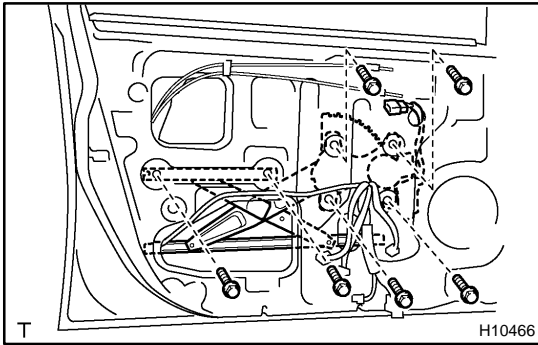
- (a) Open the door glass until the bolts appear in the service hole.
- (b) Remove the 2 bolts and door glass.

**NOTICE:**

**Do not damage the door glass.**

**HINT:**

Pull the glass upward to remove it.

**15. REMOVE WINDOW REGULATOR**

- (a) Disconnect the connector and disengage the clamps.
- (b) Remove the 6 bolts and window regulator.

**16. REMOVE WINDOW REGULATOR MOTOR**

- (a) Place matchmarks on the window regulator motor bracket and regulator gear.
- (b) Remove the 3 screws and motor.

**17. REMOVE DOOR GLASS RUN****18. REMOVE REAR LOWER FRAME**

Remove the bolt and rear lower frame.

**19. REMOVE DOOR LOCK**

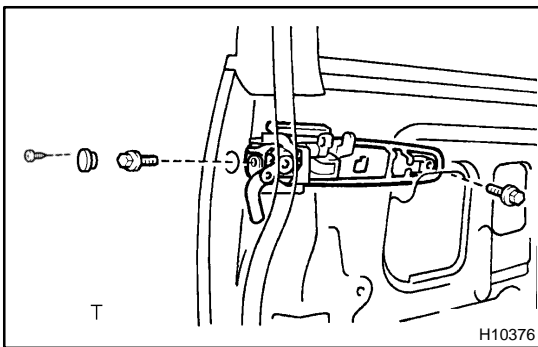
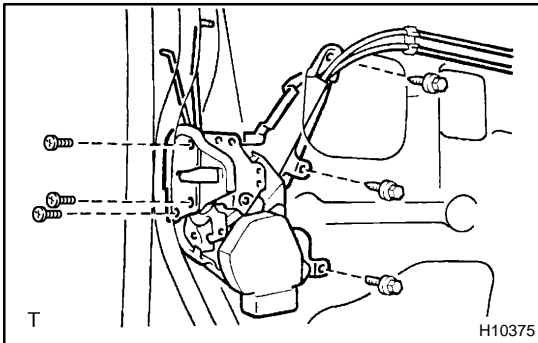
- (a) Disconnect the 2 links from the outside handle and key cylinder.
- (b) Remove the bolt and 2 screws.
- (c) Using a torx socket wrench, remove the 3 torx screws and door lock.

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

- (d) Disconnect the connector.

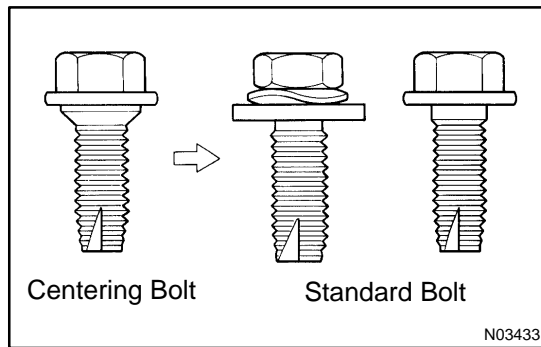
**HINT:**

Remove the door lock through the service hole.

**20. REMOVE OUTSIDE HANDLE AND KEY CYLINDER**

- (a) Remove the screw and hole cover.
- (b) Remove the 2 bolts and outside handle with the key cylinder.
- (c) Remove the retainer from the outside handle.
- (d) Remove the bolt, key cylinder and protector from the outside handle.

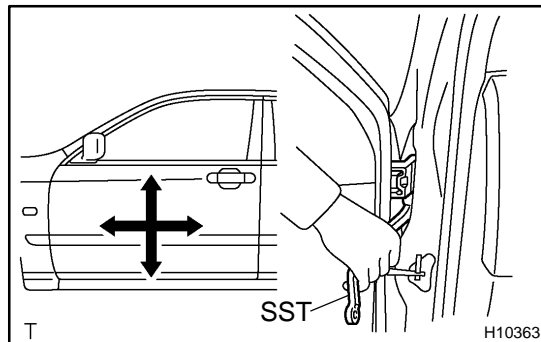
**21. REMOVE CUSHIONS**



## ADJUSTMENT

### HINT:

Since the centering bolt is used as a door side hinge bolt, the door hinge cannot be adjusted. Substitute the bolt with a washer for the centering bolt.

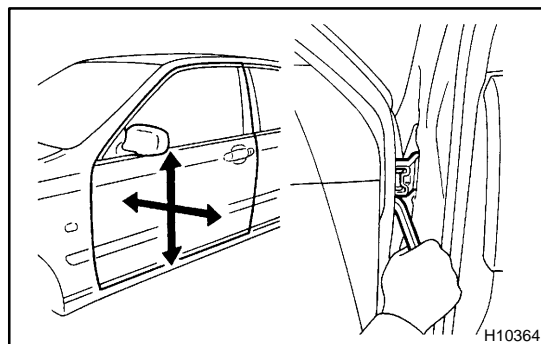


### 1. ADJUST FRONT DOOR IN FORWARD/REARWARD AND VERTICAL DIRECTIONS

Using SST, adjust the door by loosening the body side hinge bolts.

SST 09812-00010

**Torque: 30 N·m (306 kgf-cm, 22 ft-lbf)**



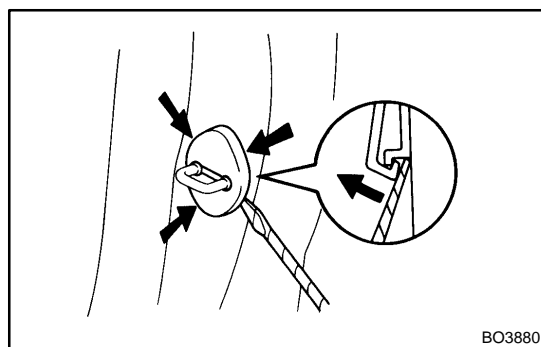
### 2. ADJUST FRONT DOOR IN LEFT/RIGHT AND VERTICAL DIRECTIONS

Adjust the door by loosening the door side hinge bolts.

**Torque: 30 N·m (306 kgf-cm, 22 ft-lbf)**

### 3. ADJUST FRONT DOOR LOCK STRIKER

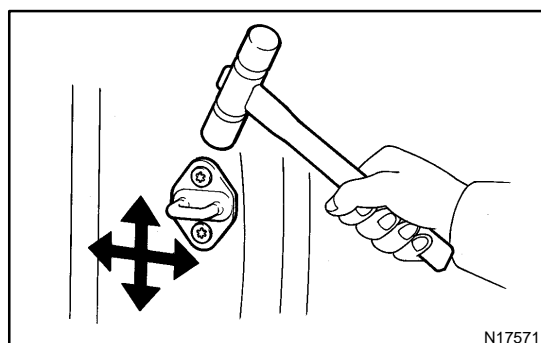
(a) Check that the door fit and door lock linkages are adjusted correctly.



(b) Using a screwdriver, remove the striker cover.

### HINT:

Tape the screwdriver tip before use.



(c) Adjust the striker position by slightly loosening the striker mounting screws, and hitting the striker with a hammer.

(d) Tighten the striker mounting screws again.

**Torque: 23 N·m (235 kgf-cm, 17 ft-lbf)**

(e) Install the striker cover.

## REASSEMBLY

### 1. INSTALL OUTER WEATHERSTRIP

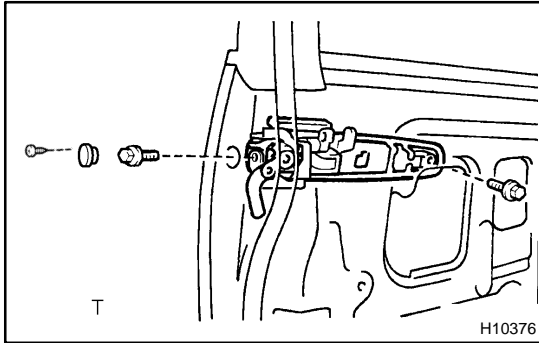
### 2. INSTALL CUSHIONS

### 3. INSTALL OUTSIDE HANDLE AND KEY CYLINDER

- (a) Install the key cylinder and protector with the bolt to the outside handle.

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

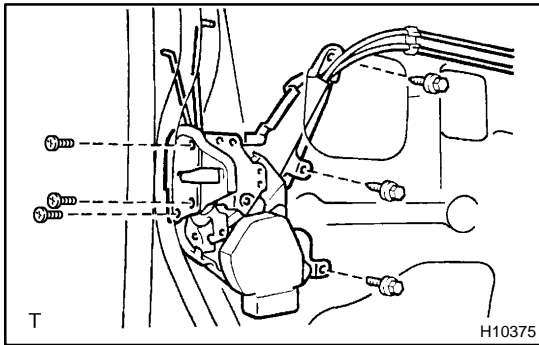
- (b) Install the retainer to the outside handle.



- (c) Install the outside handle with the key cylinder to the door panel with the 2 bolts.

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

- (d) Install the hole cover with the screw.



### 4. INSTALL DOOR LOCK

- (a) Connect the connector.

- (b) Using a torx socket wrench, install the door lock with the 3 torx screws.

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

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

#### HINT:

Apply adhesive to the 3 torx screws.

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

- (c) Install the bolt and 2 screws.

- (d) Connect the 2 links to the outside handle and key cylinder.

### 5. INSTALL REAR LOWER FRAME

Install the rear lower frame with the bolt.

### 6. INSTALL DOOR GLASS RUN

### 7. INSTALL WINDOW REGULATOR MOTOR

- (a) Align the matchmarks on the regulator motor bracket and regulator gear.

- (b) Install the 3 screws.

#### NOTICE:

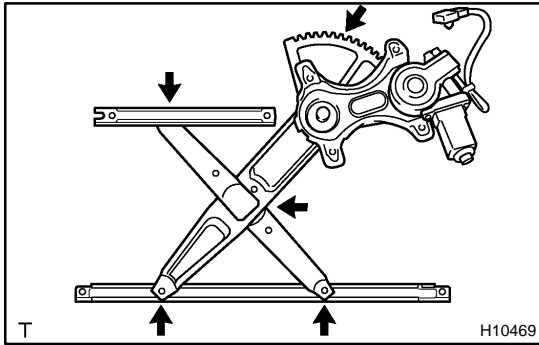
**Driver's side:**

**If only the motor is rotated, reset the motor (See page [BE-1 18](#)).**

#### HINT:

**Driver's side:**

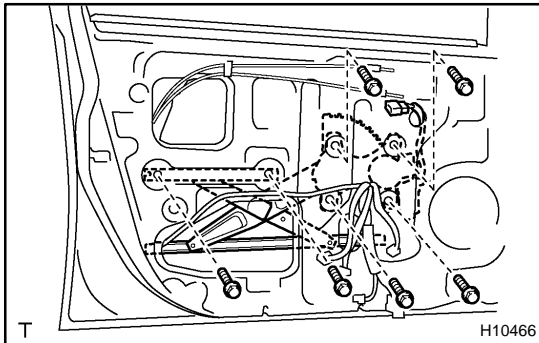
Never rotate the motor to the down direction mention of the window glass until completing the installation.



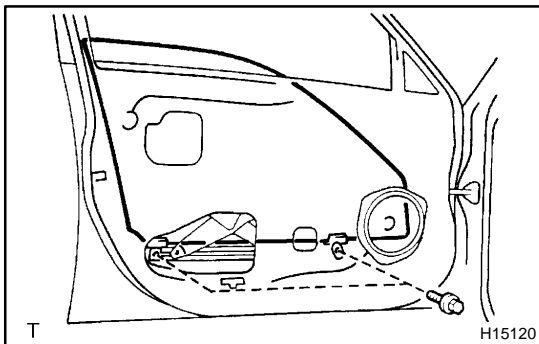
## 8. INSTALL WINDOW REGULATOR

### HINT:

Apply MP grease to the sliding and rotating parts of the window regulator.



- (a) Install the window regulator with the 6 bolts.  
**Torque: 8.0 N·m (82 kgf·cm, 71 in.-lbf)**
- (b) Connect the connector and attach the clamps.



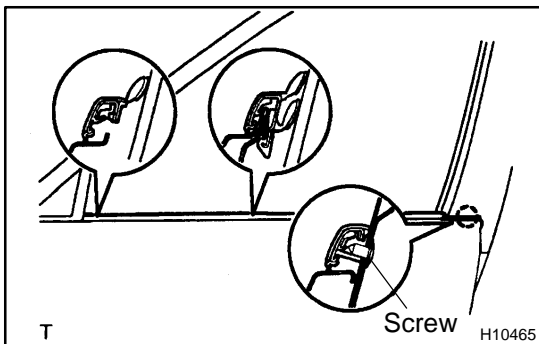
## 9. INSTALL DOOR GLASS

### NOTICE:

**Do not damage the door glass.**

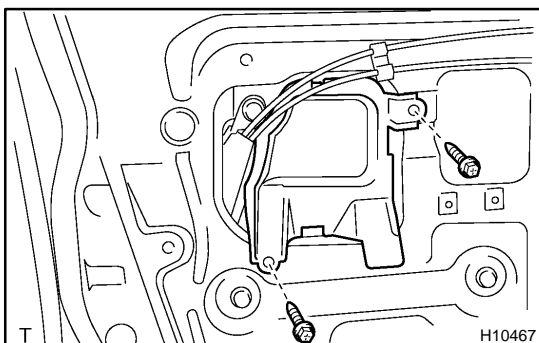
- (a) Put the door glass in the door panel carefully.
- (b) Install the door glass with the 2 bolts to the window regulator.

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



## 10. INSTALL FRONT DOOR BELT MOULDING

Install the front door belt moulding with the screw.



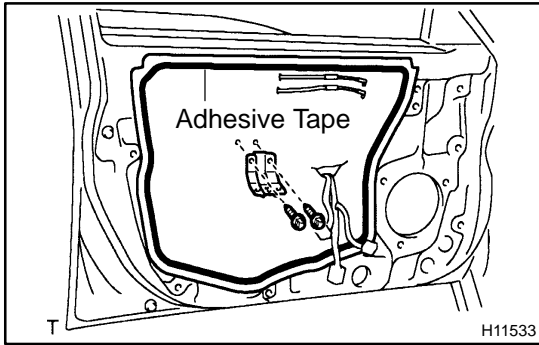
## 11. INSTALL NO.2 SERVICE HOLE COVER

Install the No.2 service hole cover with the 2 screws.

## 12. INSTALL FRONT DOOR INSIDE PANEL PLATE

Install the front door inside panel plate with the 2 screws.





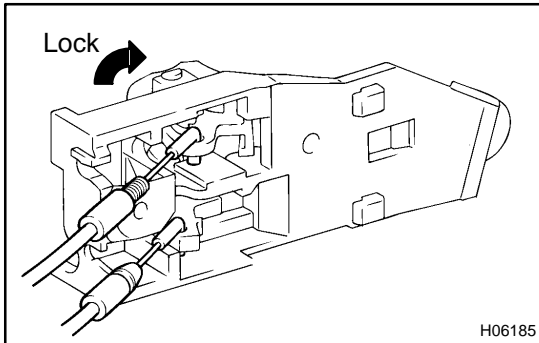
### 13. INSTALL SERVICE HOLE COVER

(a) Install the service hole cover to the door panel.

HINT:

- When installing the service hole cover, pull out the links and the connectors through the service hole cover.
- There should be no wrinkles or folds after attaching the service hole cover.
- After attaching the service hole cover, sealing condition should be confirmed.

(b) Install the door trim bracket with the 2 screws.



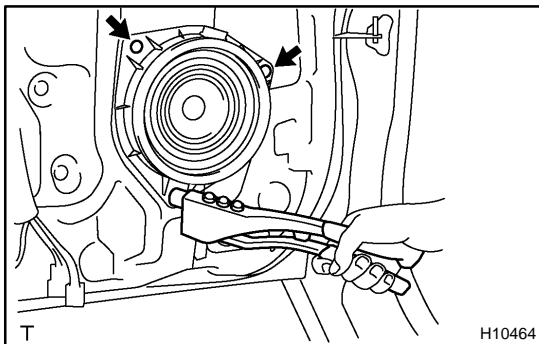
### 14. INSTALL INSIDE HANDLE

Connect the 2 cables to the inside handle, then install the inside handle with the screw.

**NOTICE:**

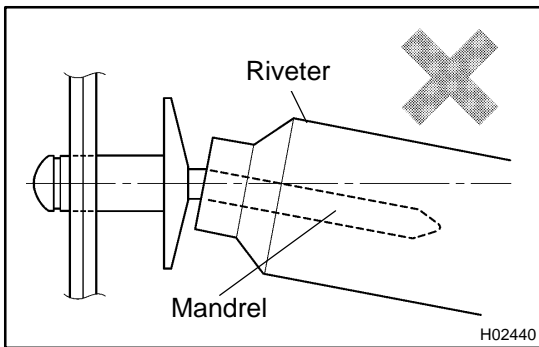
At the time of locking cable reassembly, please refer to the following items.

- Set the door lock assembly to the LOCK position.
- Hold the lock knob to the LOCK position by hand, and do not pull the cable while connecting the locking cable.



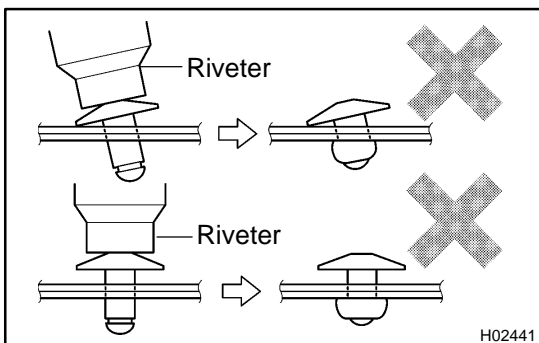
### 15. INSTALL FRONT NO.1 SPEAKER

(a) Using an air riveter or hand riveter, install the front No.1 speaker.

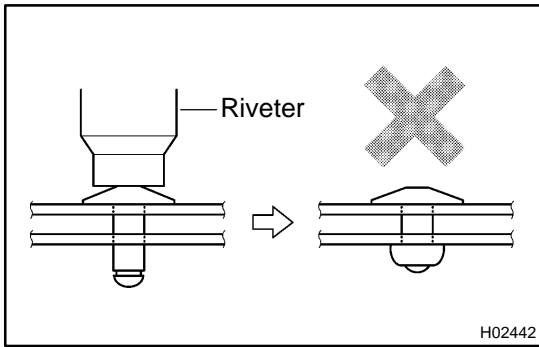


**NOTICE:**

- Do not prize a riveter. It could damage the riveter and cause loose fitting and mandrel bend.



- Do not tilt the riveter when fastening the rivet to the material to avoid loose fitting.
- Do not allow gap spacing between the rivet head and the material.



- Do not allow gap spacing between the materials.

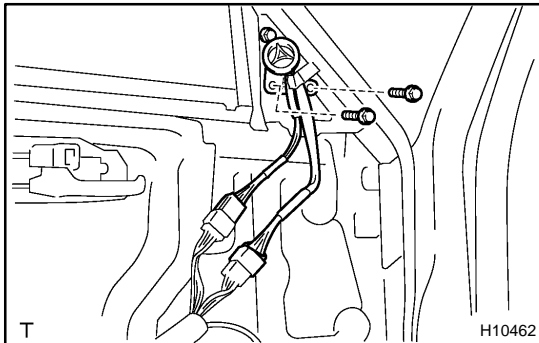
(b) Connect the connector.

#### 16. INSTALL OUTSIDE REAR VIEW MIRROR

(a) Install the outside rear view mirror with the bolt.

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

(b) Connect the connector.

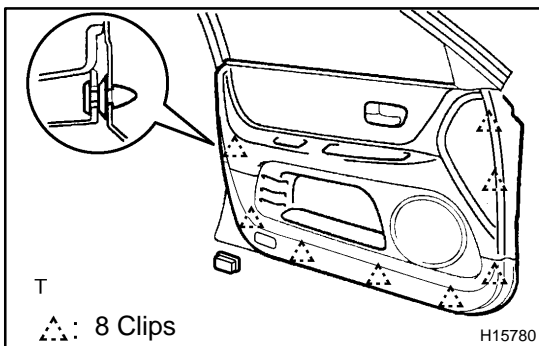


#### 17. INSTALL FRONT NO.2 SPEAKER

(a) Install the front No.2 speaker with the 2 bolts.

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

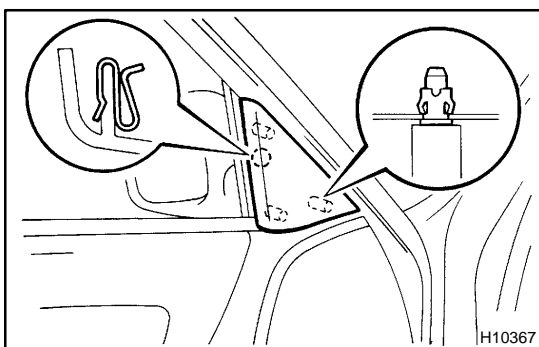
(b) Connect the 2 connectors.



#### 18. INSTALL DOOR TRIM

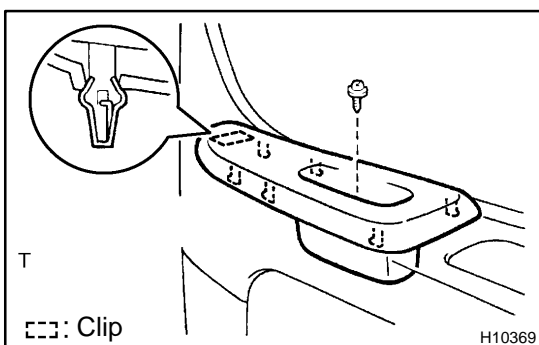
(a) Install the door trim to the door panel.

(b) Connect the connector, then install the courtesy light.



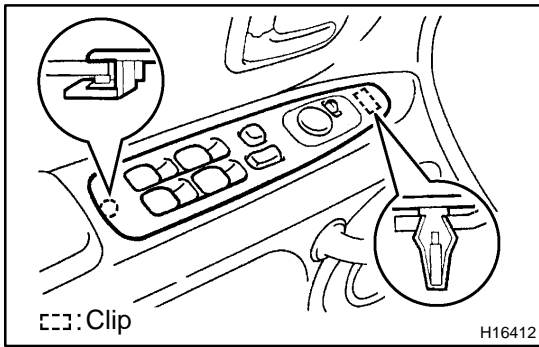
#### 19. INSTALL LOWER FRAME BRACKET GARNISH

Install the lower frame bracket garnish to the door panel.



#### 20. INSTALL FRONT ARMREST

Install the front armrest with the screw.

**21. INSTALL POWER WINDOW SWITCH**

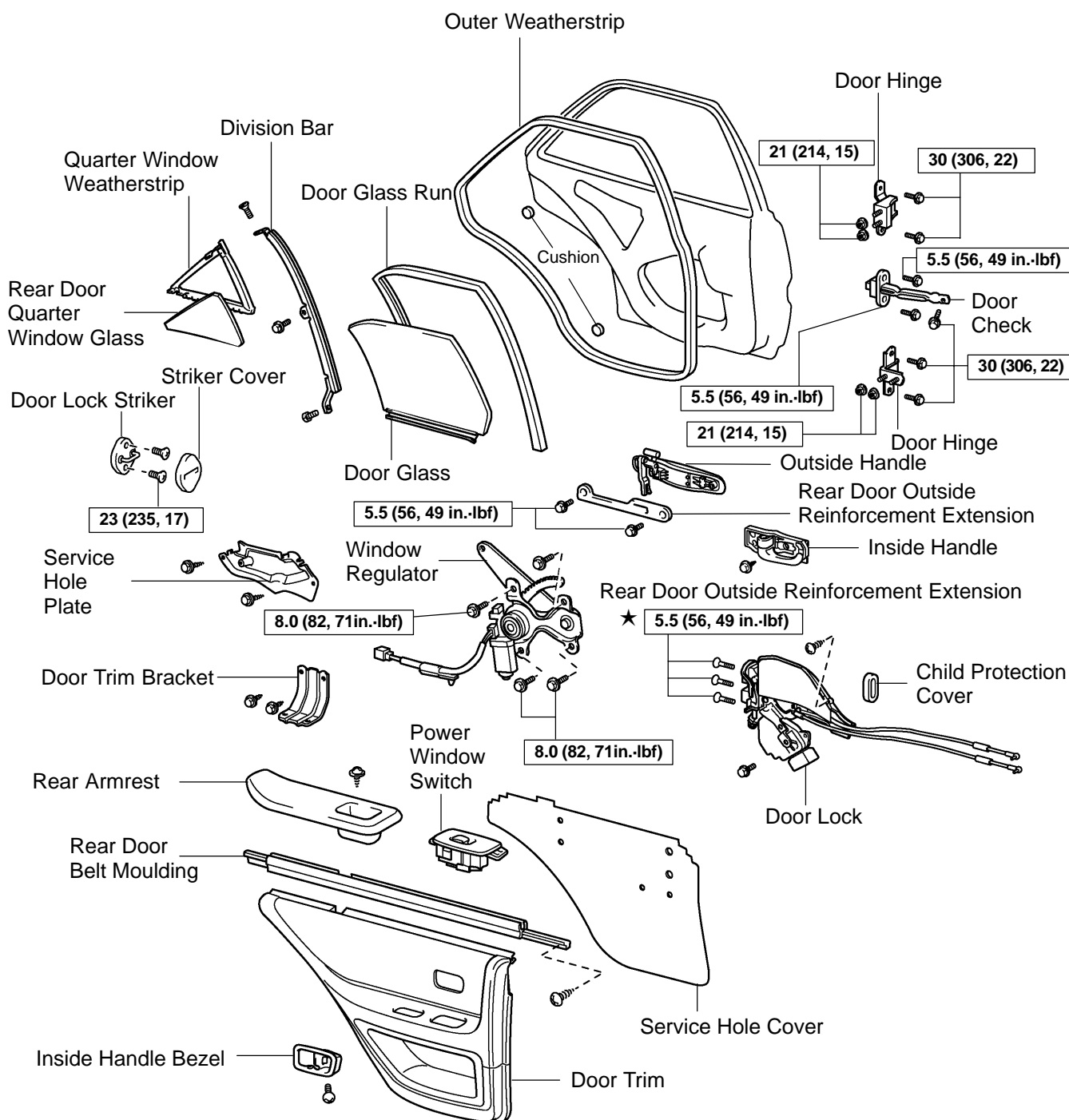
- (a) Connect the connectors.
- (b) Install the power window switch.

**22. INSTALL INSIDE HANDLE BEZEL**

- (a) Install the inside handle bezel with the screw.
- (b) Close the screw cap.

# REAR DOOR COMPONENTS

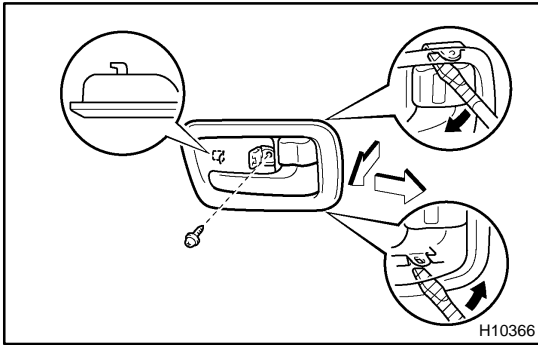
B02C7-05



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

★ Precoated part

H21514



## DISASSEMBLY

### HINT:

A bolt without a torque specification is shown in the standard bolt chart. (see page [SS-2](#))

#### 1. REMOVE INSIDE HANDLE BEZEL

- (a) Using a screwdriver, open the screw cap.

### HINT:

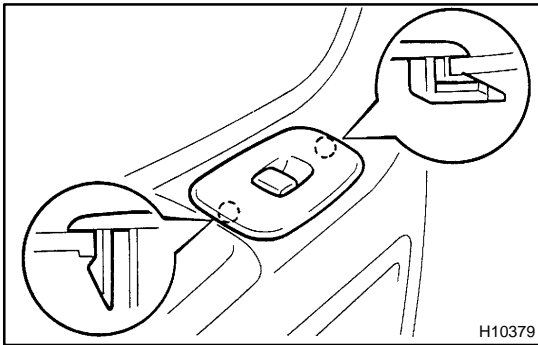
Tape the screwdriver tip before use.

- (b) Remove the screw.

- (c) Using a screwdriver, remove the inside handle bezel as shown in the illustration.

### HINT:

Tape the screwdriver tip before use.



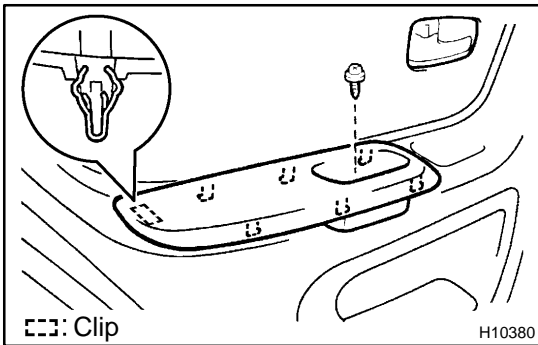
#### 2. REMOVE POWER WINDOW SWITCH

- (a) Using a screwdriver, remove the power window switch.

### HINT:

Tape the screwdriver tip before use.

- (b) Disconnect the connector.



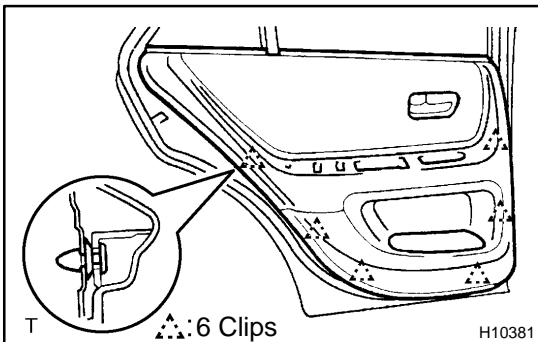
#### 3. REMOVE REAR ARMREST

- (a) Remove the screw.

- (b) Using a screwdriver, remove the rear armrest.

### HINT:

Tape the screwdriver tip before use.

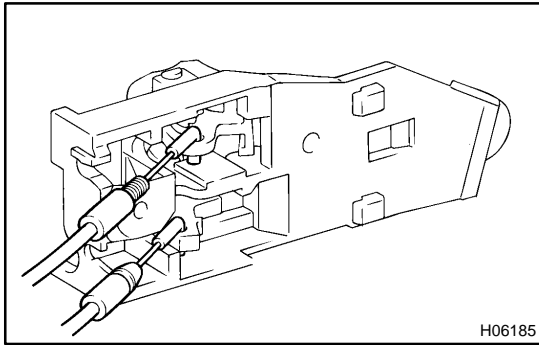


#### 4. REMOVE DOOR TRIM

Using a screwdriver, disengage the clips, then pull the trim upward to remove it.

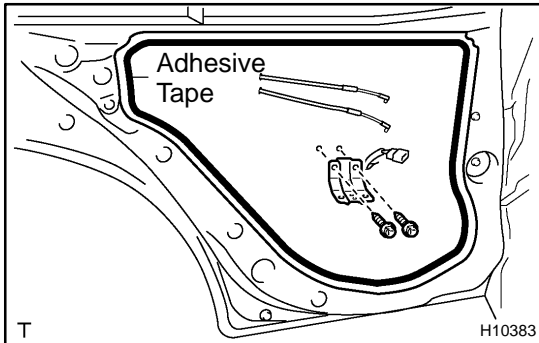
### HINT:

Tape the screwdriver tip before use.



### 5. REMOVE INSIDE HANDLE

Remove the screw and inside handle, and disconnect the 2 cables from the inside handle.



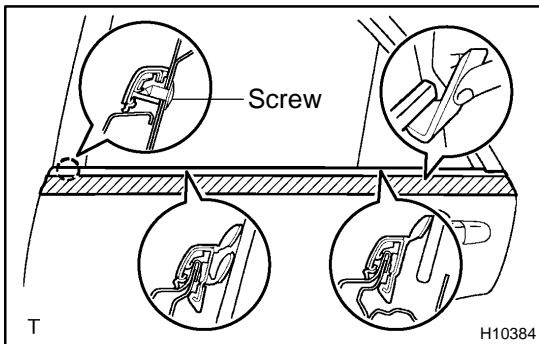
### 6. REMOVE SERVICE HOLE COVER

- Disconnect the connector.
- Remove the 2 screws and door trim bracket.
- Remove the service hole cover.

### 7. REMOVE SERVICE HOLE PLATE

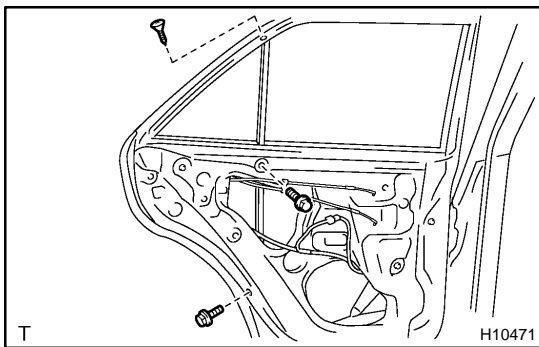
Remove the 2 screws and service hole plate.

### 8. REMOVE DOOR GLASS RUN



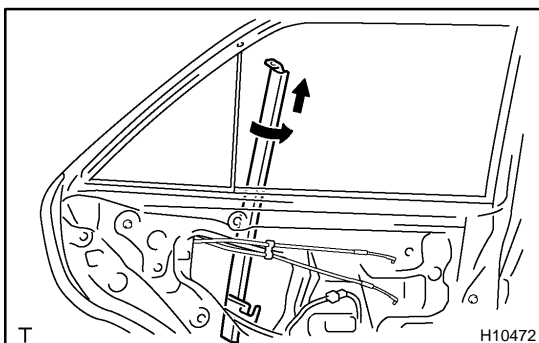
### 9. REMOVE REAR DOOR BELT MOULDING

- Remove the screw.
- Apply protective tape to the outer surface as shown in the illustration to keep the surface from being scratched.
- Using a moulding remover, remove the rear door belt moulding as shown in the illustration.

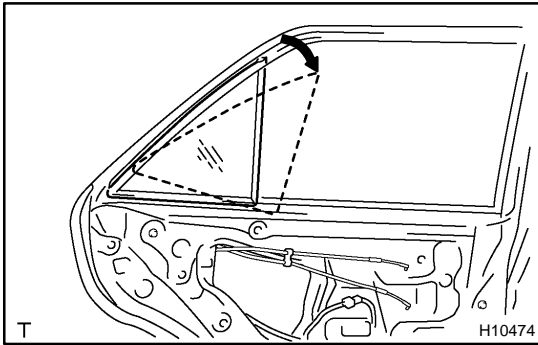


### 10. REMOVE DIVISION BAR

- Remove the 2 bolts and screw.
- Pull the division bar forward.



- Rotate the division bar 90° and pull it upward as shown in the illustration.

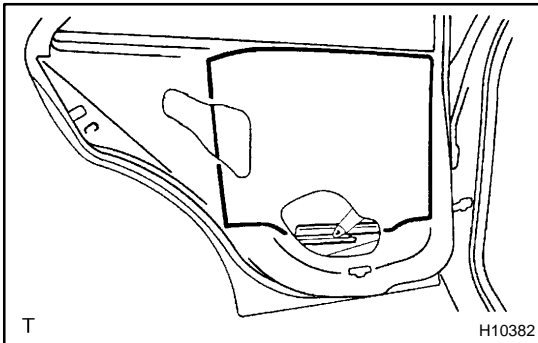


- 11. REMOVE REAR DOOR QUARTER WINDOW GLASS**  
 (a) Remove the rear door quarter window glass as shown in the illustration.

**NOTICE:**

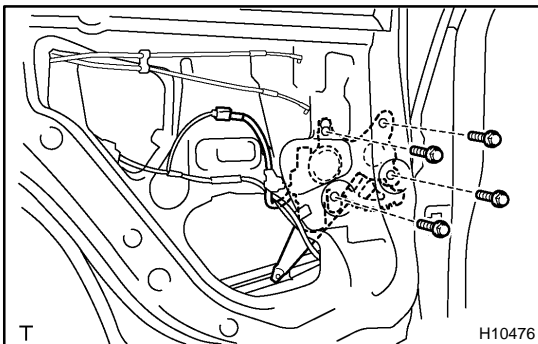
**Do not damage the glass.**

- (b) Remove the quarter window weatherstrip from the glass.

**12. REMOVE DOOR GLASS****HINT:**

Insert a shop rag inside the door panel to prevent scratching the glass.

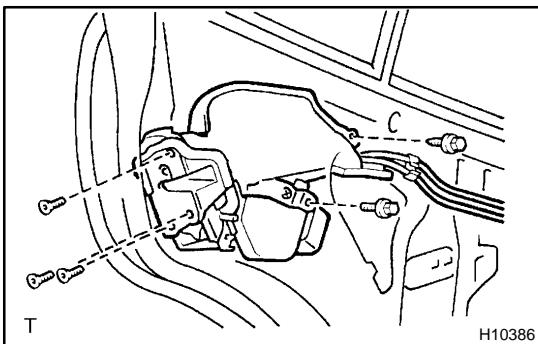
- (a) Open the door glass.  
 (b) Tilt the door glass and disconnect the roller of the regulator from the glass channel to remove the door glass.

**13. REMOVE WINDOW REGULATOR**

- (a) Disconnect the connector.  
 (b) Remove the 4 bolts and window regulator.

**14. REMOVE DOOR LOCK**

- (a) Remove the child protection cover.  
 (b) Disconnect the 2 links from the outside handle and key cylinder.



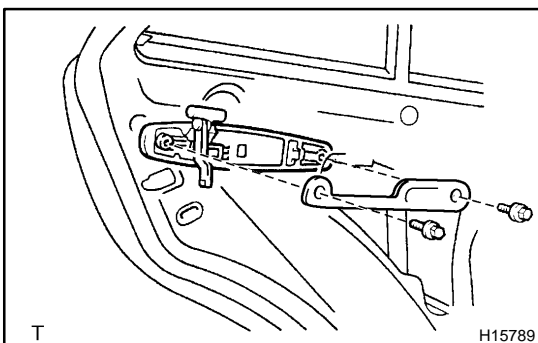
- (c) Remove the bolt and screw.  
 (d) Using a torx socket wrench, remove the 3 torx screws and door lock.

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

**HINT:**

Remove the door lock through the service hole.

- (e) Disconnect the connector.

**15. REMOVE OUTSIDE HANDLE**

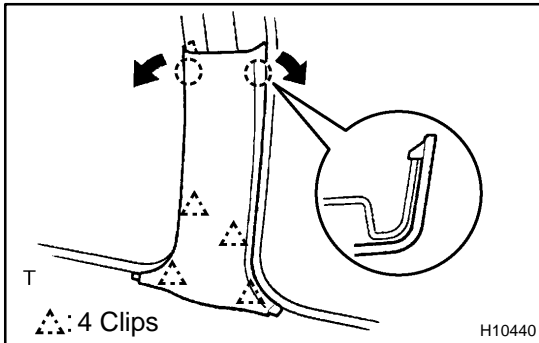
Remove the 2 bolts, rear door outside reinforcement extension and outside handle.

**16. REMOVE CUSHIONS**

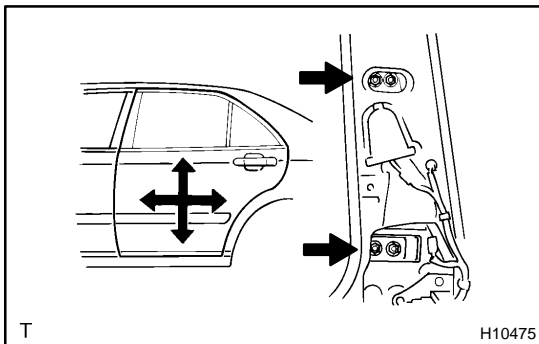
## ADJUSTMENT

### 1. ADJUST DOOR IN FORWARD/REARWARD AND VERTICAL DIRECTIONS

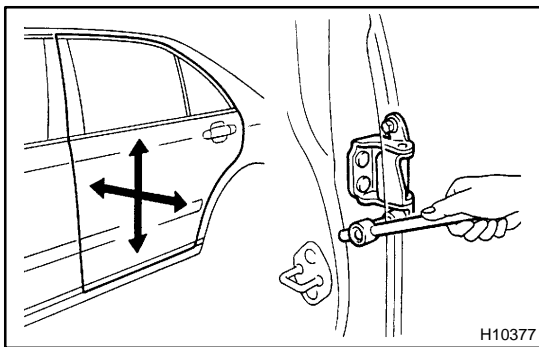
- Remove the front door inside scuff plate.
- Remove the rear door inside scuff plate.



- Remove the center pillar lower garnish.
- Remove the seat belt pretensioner (See page [BO-217](#) ).



- Adjust the door by loosening the body side hinge nuts.  
**Torque: 21 N·m (214 kgf-cm, 15 ft-lbf)**
- Install the seat belt pretensioner (See page [BO-226](#) ).
- Install the lower center pillar garnish.
- Install the rear door inside scuff plate.
- Install the front door inside scuff plate.



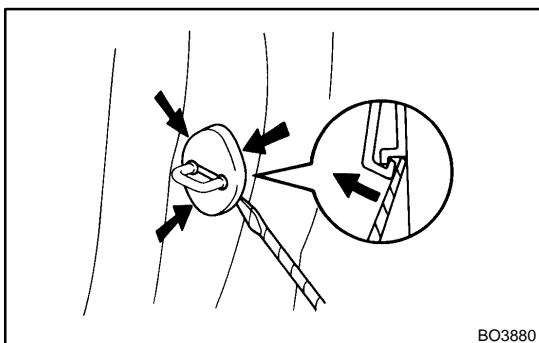
### 2. ADJUST DOOR IN LEFT/RIGHT AND VERTICAL DIRECTIONS

Adjust the door by loosening the door side hinge bolts.

**Torque: 30 N·m (306 kgf-cm, 22 ft-lbf)**

### 3. ADJUST DOOR LOCK STRIKER

- Check that the door fit and door lock linkages are adjusted correctly.

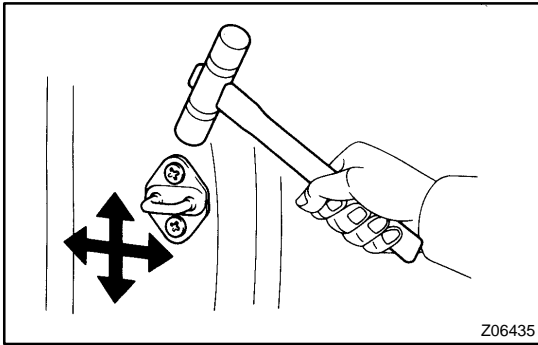


- Using a screwdriver, remove the striker cover.

**HINT:**

Tape the screwdriver tip before use.

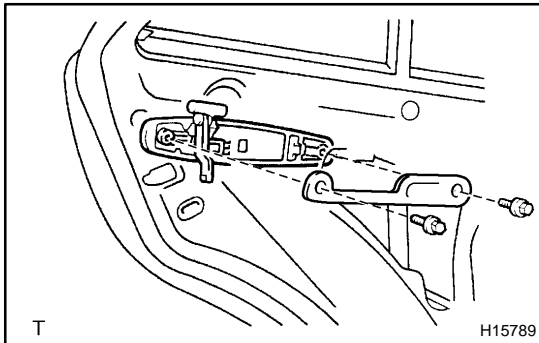




- (c) Adjust the striker position by slightly loosening the striker mounting screws and hitting the striker with a hammer.
- (d) Tighten the striker mounting screws again.  
**Torque: 23 N·m (235 kgf-cm, 17 ft-lbf)**
- (e) Install the striker cover.

## REASSEMBLY

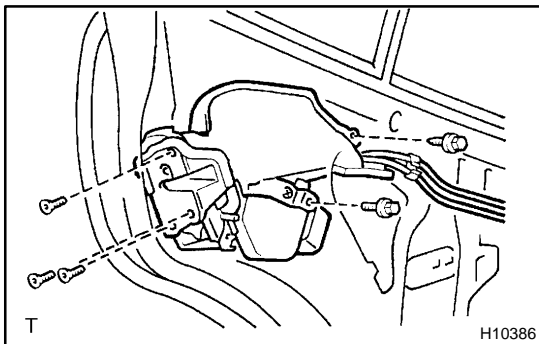
### 1. INSTALL CUSHIONS



### 2. INSTALL OUTSIDE HANDLE

Install the outside handle and rear door outside reinforcement extension with the 2 bolts.

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



### 3. INSTALL DOOR LOCK

- Connect the connector.
- Using a torx socket wrench, install the door lock with the 3 torx screws.

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

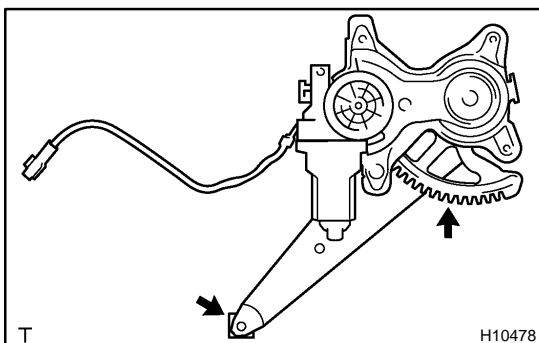
**Torx socket wrench: T30 (Part No. 09042-00010 or locally manufactured tool)**

#### HINT:

Apply adhesive to the 3 torx screws.

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

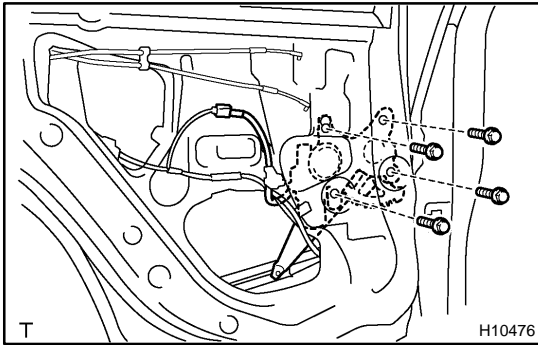
- Install the bolt and screw.
- Connect the 2 links to the outside handle and key cylinder.
- Install the child protection cover.



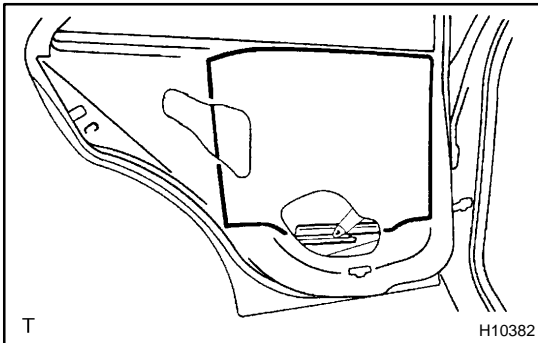
### 4. INSTALL WINDOW REGULATOR

#### HINT:

Apply MP grease to the sliding and rotating parts of the window regulator.



- (a) Install the window regulator with the 4 bolts.  
**Torque: 8.0 N·m (82 kgf·cm, 71 in.-lbf)**
- (b) Connect the connector.

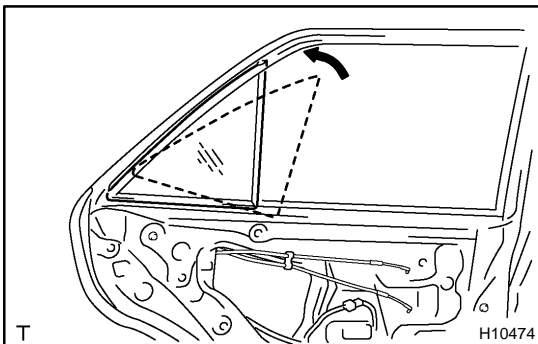


## 5. INSTALL DOOR GLASS

### HINT:

Insert a shop rag inside the door panel to prevent scratching the glass.

Tilt the door glass and connect the roller of the regulator to the glass channel to install the door glass.



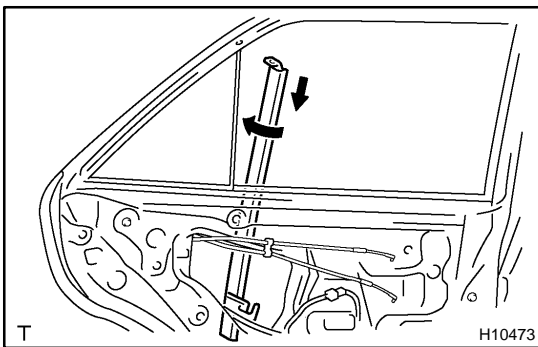
## 6. INSTALL QUARTER WINDOW GLASS

- (a) Install the quarter window weatherstrip to the glass.

### NOTICE:

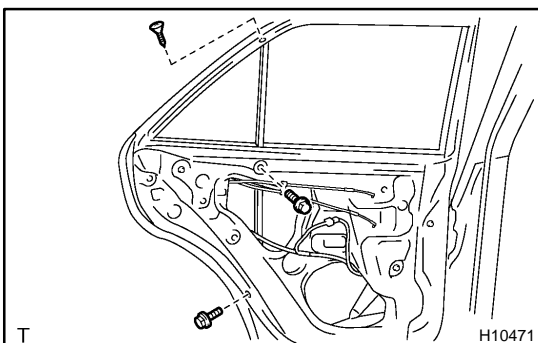
**Do not damage the glass.**

- (b) Install the rear door quarter window glass as shown in the illustration.

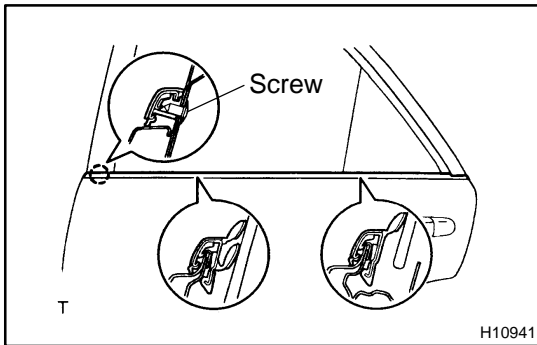


## 7. INSTALL DIVISION BAR

- (a) Insert the division bar to the door panel, then rotate it 90°.



- (b) Install the 2 bolts and screw.
- ## 8. INSTALL DOOR GLASS RUN

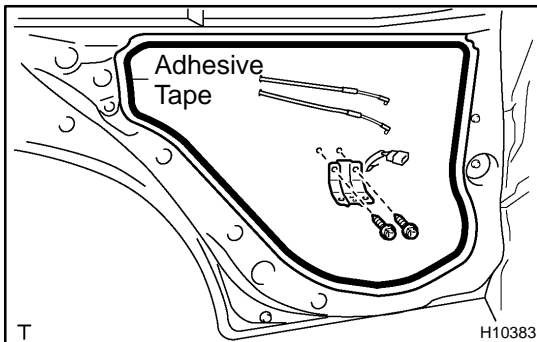


### 9. INSTALL REAR DOOR BELT MOULDING

Install the rear door belt moulding with the screw.

### 10. INSTALL SERVICE HOLE PLATE

Install the service hole plate with the 2 screws.



### 11. INSTALL SERVICE HOLE COVER

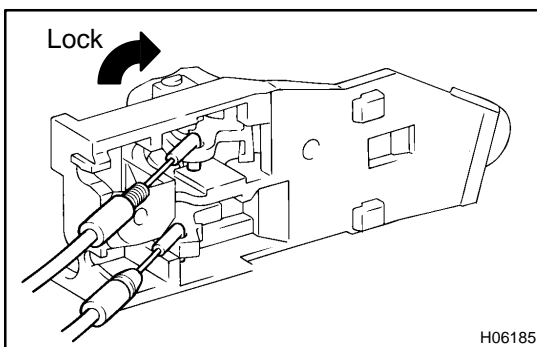
(a) Install the service hole cover to the door panel.

HINT:

- When installing the service hole cover, pull out the links and connectors through the service hole cover.
- There should be no wrinkles or folds after attaching the service hole cover.
- After attaching the service hole cover, sealing condition should be confirmed.

(b) Install the door trim bracket with the 2 screws.

(c) Connect the connector.



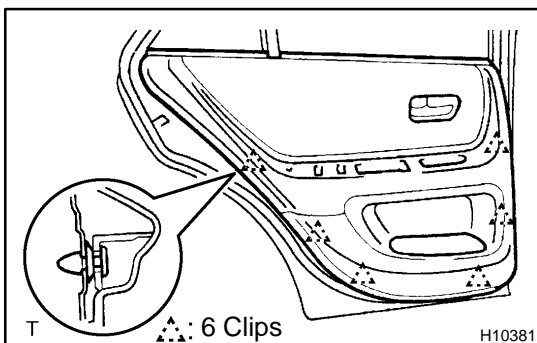
### 12. INSTALL INSIDE HANDLE

Connect the 2 cables to the inside handle, then install the inside handle with the screw.

**NOTICE:**

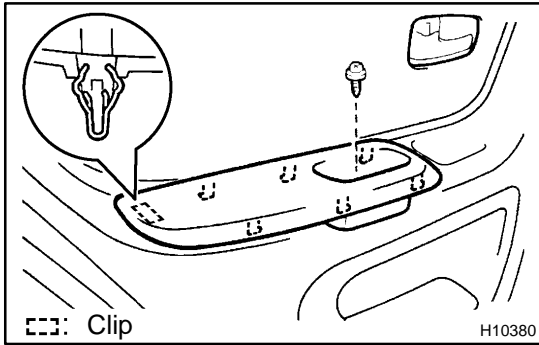
At the time of locking cable reassembly, please refer to the following items.

- Set the door lock assembly to the LOCK position.
- Hold the lock knob to the LOCK position by hand, and do not pull the cable while connecting the locking cable.

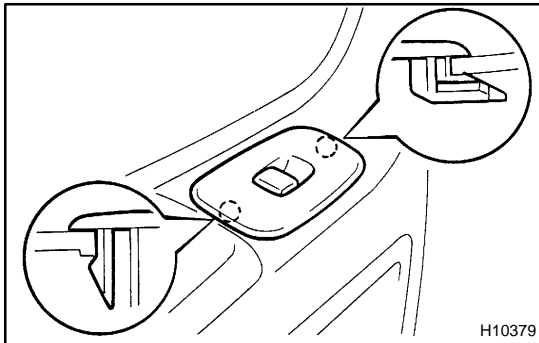


### 13. INSTALL DOOR TRIM

Install the door trim to the door panel.

**14. INSTALL REAR ARMREST**

Install the rear armrest with the screw.

**15. INSTALL POWER WINDOW SWITCH**

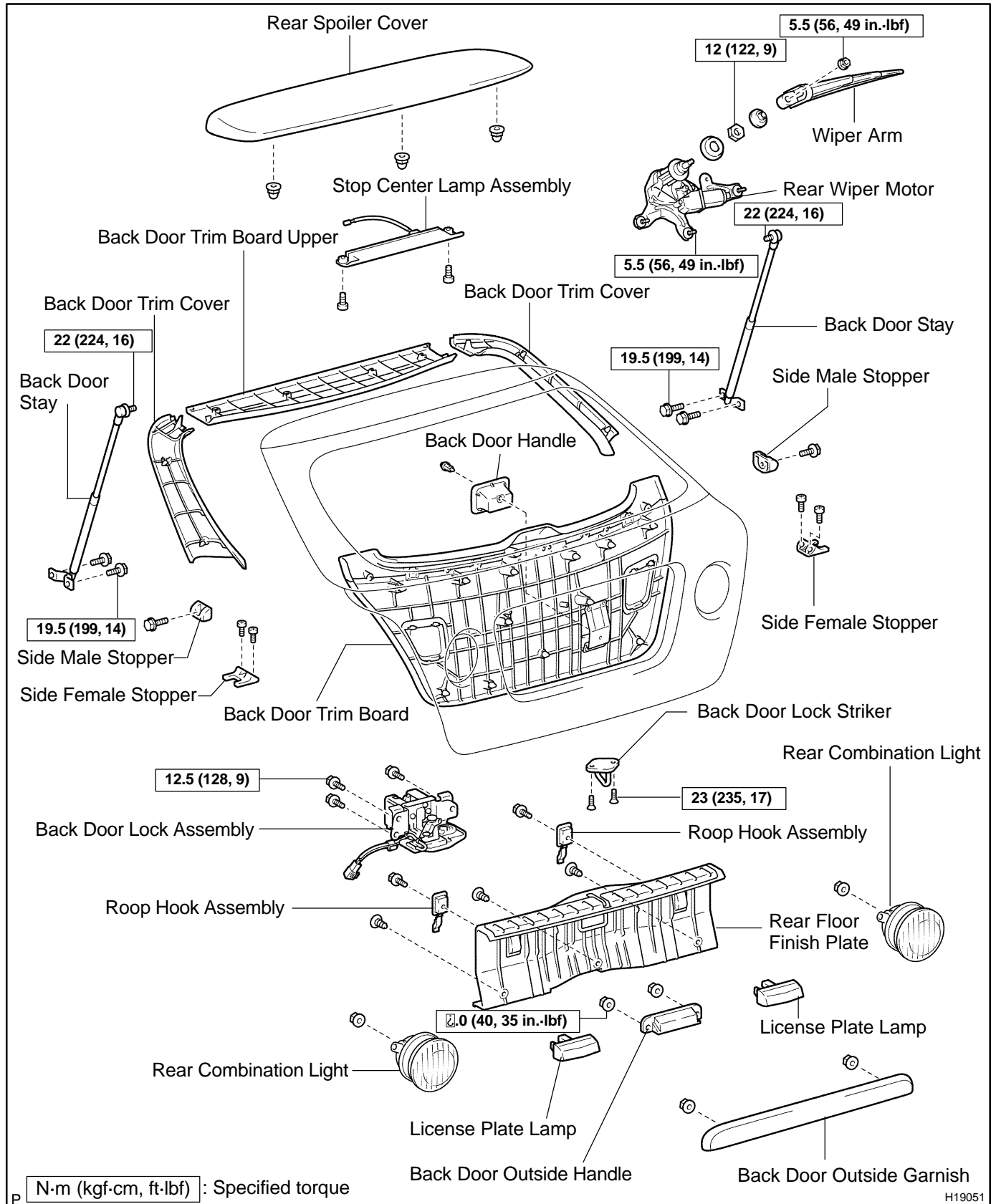
- (a) Connect the connector.
- (b) Install the power window switch to the door trim.

**16. INSTALL DOOR INSIDE HANDLE BEZEL**

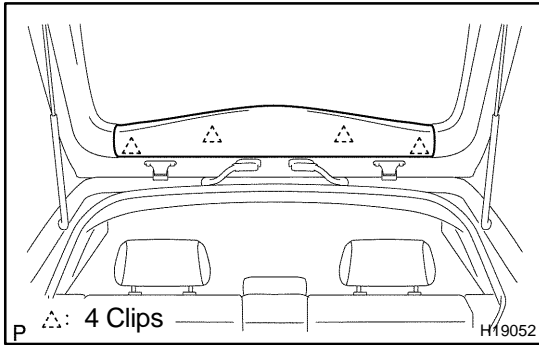
- (a) Install the door inside handle bezel with the screw.
- (b) Close the cap.

# BACK DOOR COMPONENTS

BO4CZ-02



H19051



## DISASSEMBLY

### HINT:

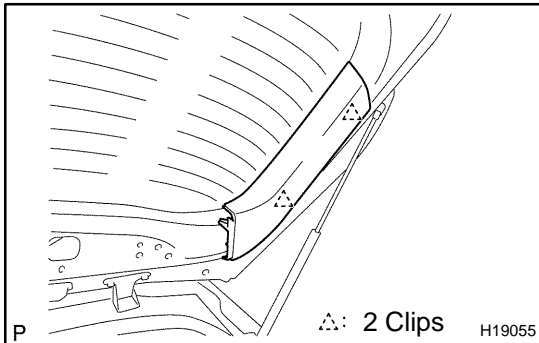
A bolt without a torque specification is shown in the standard bolt chart. (see page [SS-2](#))

#### 1. REMOVE BACK DOOR TRIM BOARD UPPER

Using a screwdriver, remove the back door trim board upper.

### HINT:

Tape the screwdriver tip before use.



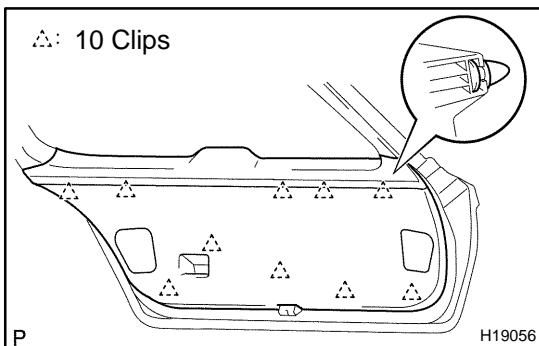
#### 2. REMOVE BACK DOOR TRIM COVERS

- Insert a screwdriver between the back door panel and back door trim cover to pry the cover.

### HINT:

Tape the screwdriver tip before use.

- Employ the same manner described above to the other side.

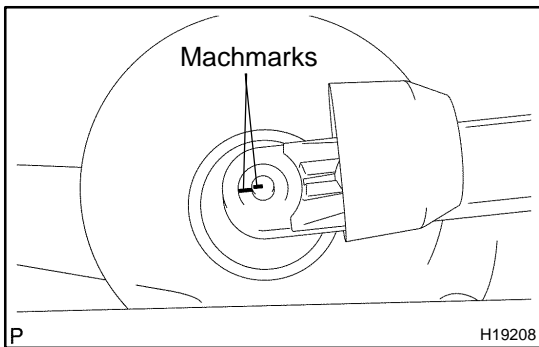


#### 3. REMOVE BACK DOOR TRIM BOARD

- Remove the clip and back door handle.
- Using a screwdriver, remove the back door trim board.

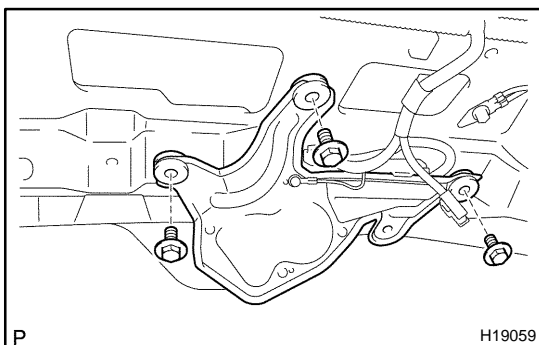
### HINT:

Tape the screwdriver tip before use.



#### 4. REMOVE REAR WIPER ARM

- Open the wiper arm cover.
- Place matchmarks on the wiper arm and wiper motor.
- Remove the nut and rear wiper arm.

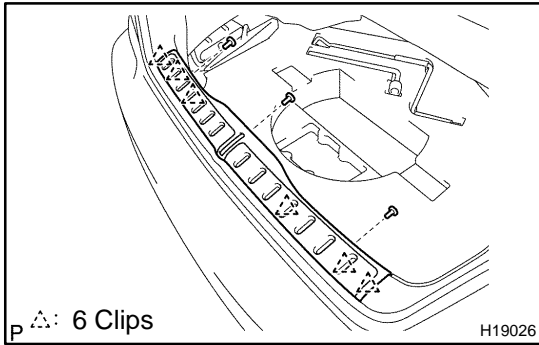


#### 5. REMOVE REAR WIPER MOTOR

- Remove the nut and washer on the outer side of the back door panel.
- Disconnect the connector.
- Remove the 3 bolts and rear wiper motor.

#### 6. REMOVE REAR COMBINATION LIGHT

- Disconnect the connector.
- Remove the nut and rear combination light.
- Employ the same manner described above to the other side.

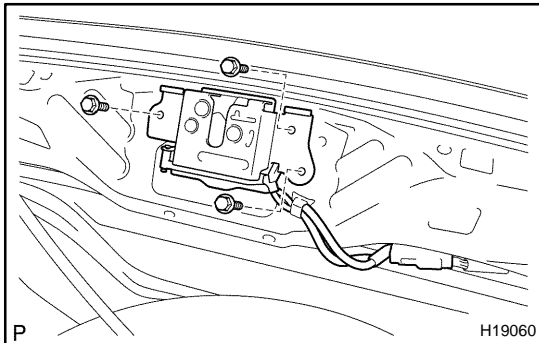


## 7. REMOVE REAR FLOOR FINISH PLATE

- Remove the 2 bolts and the 2 rope hook assemblies.
- Remove the 3 clips.
- Using a screwdriver, remove the rear floor finish plate.

HINT:

Tape the screwdriver tip before use.

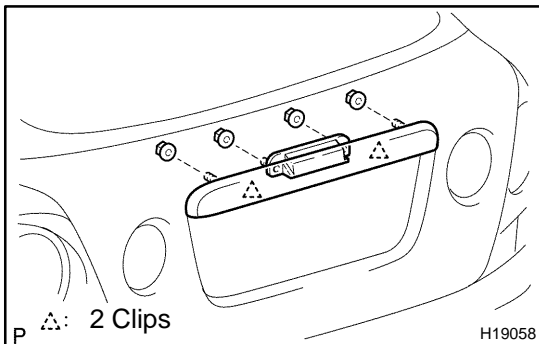


## 8. REMOVE BACK DOOR LOCK ASSEMBLY

Remove the 3 bolts and the back door lock assembly, then disconnect the connector.

## 9. REMOVE LICENSE PLATE LAMPS

Remove the license plate lamps, then disconnect the connectors.



## 10. REMOVE BACK DOOR OUTSIDE GARNISH

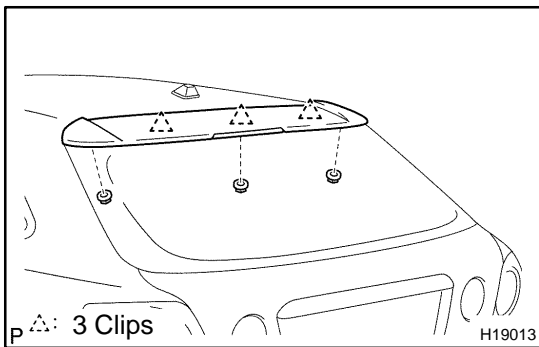
- Remove the 4 nuts and back door outside garnish.
- Using a screwdriver, remove the back door outside garnish.

HINT:

Tape the screwdriver tip before use.

## 11. REMOVE BACK DOOR OUTSIDE HANDLE

Remove the 2 bolts and back door outside handle, then disconnect the connector.



## 12. REMOVE REAR SPOILER COVER

- Remove the 3 nuts.
- Using a screwdriver, remove the rear spoiler cover, then disconnect the connector.

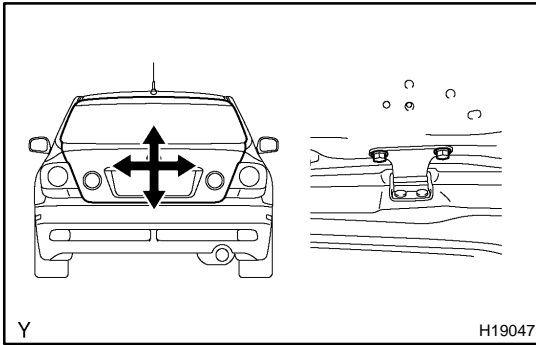
HINT:

Tape the screwdriver tip before use.

## 13. REMOVE STOP CENTER LAMP ASSEMBLY

Remove the 2 screws and the stop center lamp assembly.





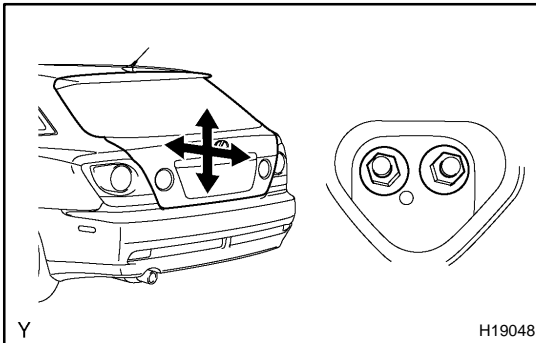
## ADJUSTMENT

### 1. ADJUST DOOR IN LEFT/RIGHT AND VERTICAL DIRECTIONS

Adjust the door by loosening the door side hinge bolts.

**Torque: 15 N·m (153 kgf·cm, 11 ft·lbf)**

### 2. ADJUST DOOR IN FORWARD/ REARWARD AND VERTICAL DIRECTIONS

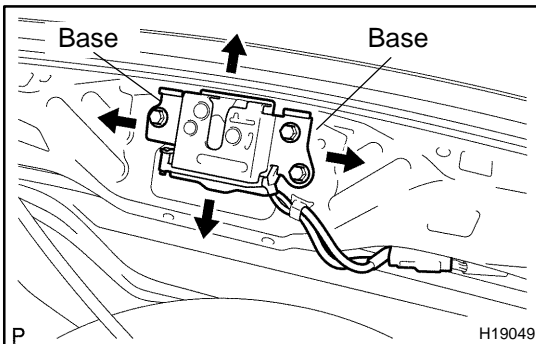


(a) Pull down rear part of roof headlining.

(See page [BO-164](#) )

(b) Adjust the door by loosening the body side hinge nuts.

**Torque: 11.5 N·m (117 kgf·cm, 8 ft·lbf)**



### 3. ADJUST BACK DOOR LOCK ASSEMBLY

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

(b) Adjust the back door lock assembly by loosening the back door lock bolts.

**Torque: 12.5 N·m (128 kgf·cm, 9 ft·lbf)**

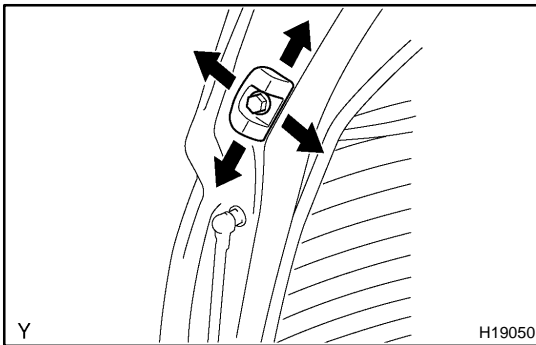
(c) Using a plastic hammer, tap the back door lock assembly to adjust.

#### NOTICE:

**Tap the base for adjustment.**

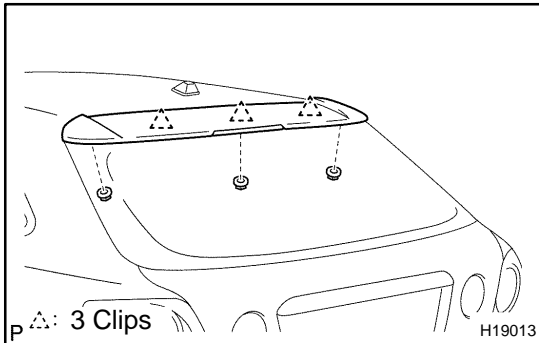
### 4. ADJUST SIDE MALE STOPPER

Adjust the side male stopper by loosening the stopper mounting bolt.



## REASSEMBLY

### 1. INSTALL STOP CENTER LAMP ASSEMBLY

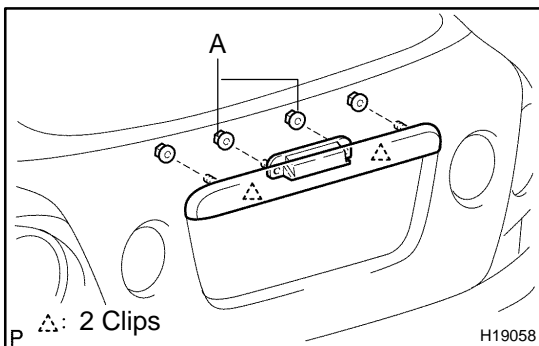


### 2. INSTALL REAR SPOILER COVER

Install the rear spoiler cover with the 3 nuts.

### 3. INSTALL BACK DOOR OUTSIDE HANDLE

- Connect the connector.
- Install the back door outside handle with the 2 bolts.



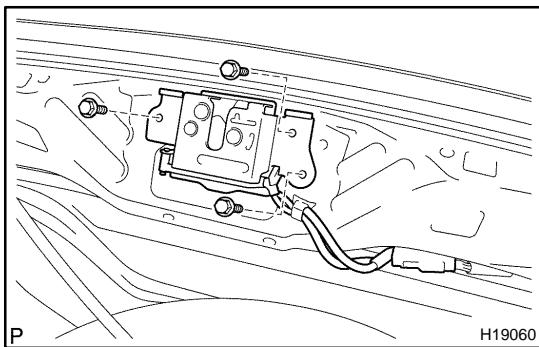
### 4. INSTALL BACK DOOR OUTSIDE GARNISH

Install the back door outside garnish with the 4 nuts.

**Torque:**

**A: 4.0 N·m (40 kgf·cm, 35 in·lbf)**

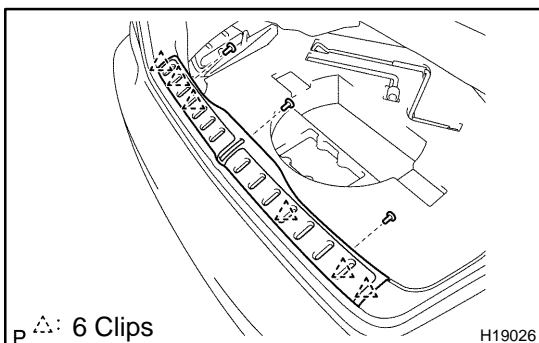
### 5. INSTALL LICENSE PLATE LAMPS



### 6. INSTALL BACK DOOR LOCK ASSEMBLY

- Install the back door lock assembly with the 3 bolts .
- Connect the connector.

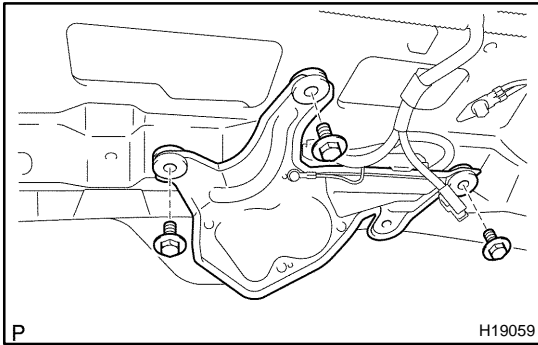
**Torque: 12.5 N·m (128 kgf·cm, 9 ft·lbf)**



### 7. INSTALL REAR FLOOR FINISH PLATE

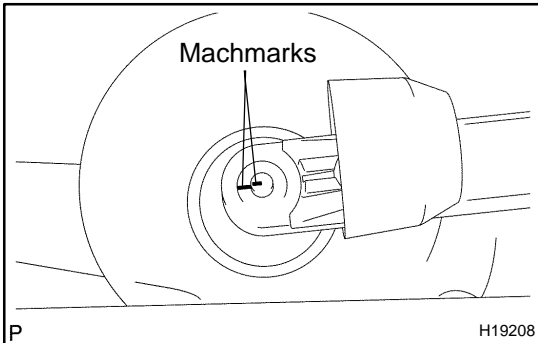
- Install the rear floor finish plate with the 3 clips.
- Install the 2 rope hook assemblies with the 2 bolts.

### 8. INSTALL REAR COMBINATION LIGHTS



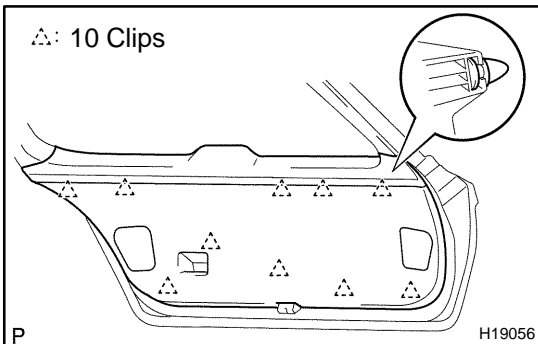
### 9. INSTALL REAR WIPER MOTOR

- (a) Install the rear wiper motor with the 3 bolts.  
**Torque: 5.5 N·m (56 kgf·cm, 49 in.-lbf)**
- (b) Connect the connector.
- (c) Install the nut and washer on the outer side of the back door panel.  
**Torque: 12 N·m (122 kgf·cm, 9 ft-lbf)**



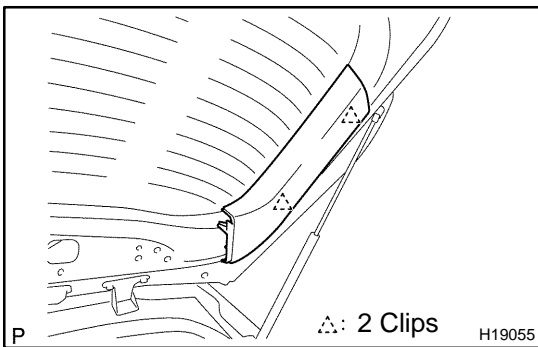
### 10. INSTALL REAR WIPER ARM

- (a) Install the wiper arm and tighten the nut by hand. Operate the wiper once and turn the wiper switch OFF.
- (b) Align the machmarks on the wiper arm and wiper motor.
- (c) Install the rear wiper arm with the nut.  
**Torque: 5.5 N·m (56 kgf·cm, 49 in.-lbf)**
- (d) Close the wiper arm cover.



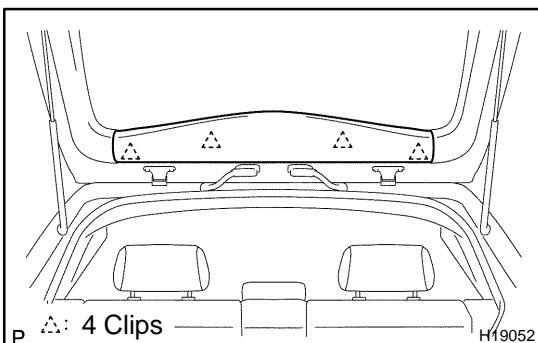
### 11. INSTALL BACK DOOR TRIM BOARD

- (a) Install the back door trim board to the back door panel.
- (b) Install the back door handle with the clip.



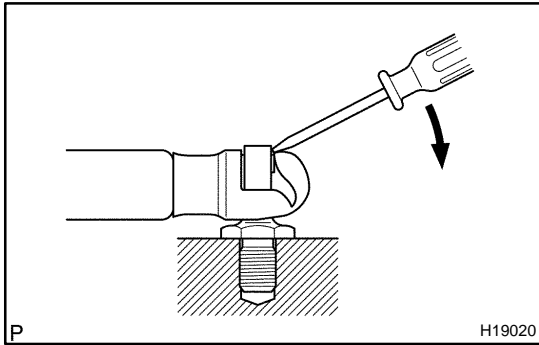
### 12. INSTALL BACK DOOR TRIM COVERS

Install the back door trim cover to the body.



### 13. INSTALL BACK DOOR TRIM BOARD UPPER

Install the back door trim board upper to the body.



## BACK DOOR STAY REPLACEMENT

BO4D3-02

### 1. REMOVE BACK DOOR STAY

- (a) Using a screwdriver, remove the back door stay from the back door panel.

#### HINT:

While supporting the back door by hand, remove the back door stay.

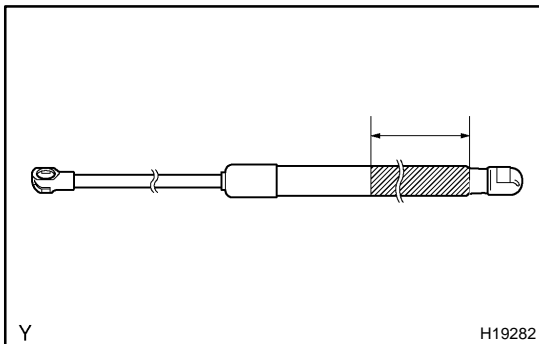
- (b) Remove the bolt and back door stay from the body.

### 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.



- When replacing the back door stay, drill a 2.0 - 3.0 mm (0.079 - 0.118 in.) hole in the lower half of 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.

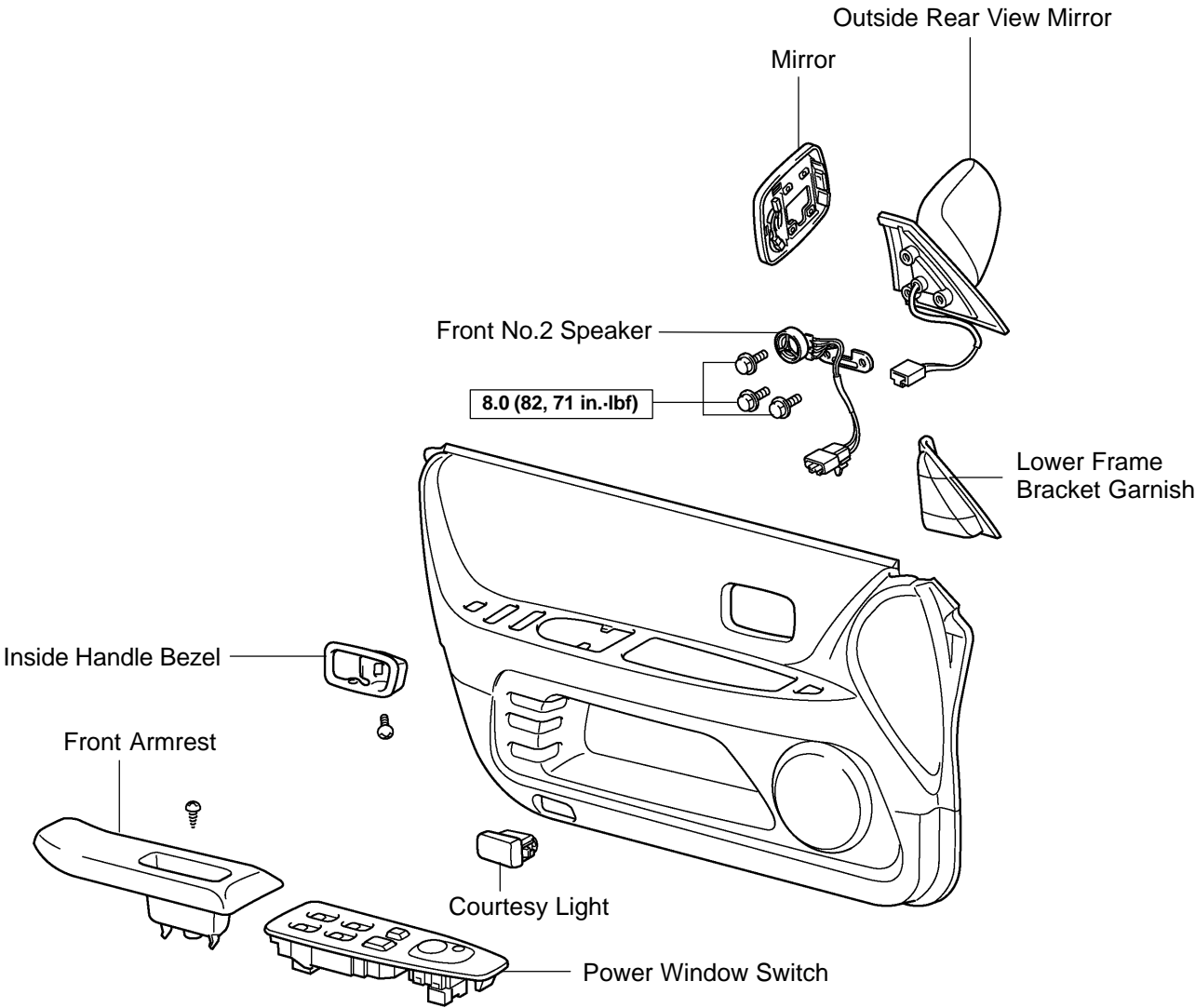
### 3. INSTALL BACK DOOR STAY

- (a) Install the back door stay to the body with the bolt.  
**Torque: 19.5 N·m (199 kgf·cm, 14 ft.-lbf)**
- (b) Install the back door stay to the back door panel with the bolts.

**Torque: 22 N·m (224 kgf·cm, 16 ft.-lbf)**

# OUTSIDE REAR VIEW MIRROR COMPONENTS

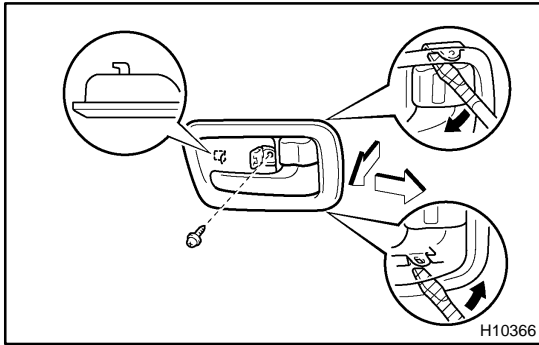
BO0UO-08



T

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

H15122



## REMOVAL

HINT:

A bolt without a torque specification is shown in the standard bolt chart. (see page [SS-2](#) )

### 1. REMOVE INSIDE HANDLE BEZEL

- (a) Using a screwdriver, open the screw cap.

HINT:

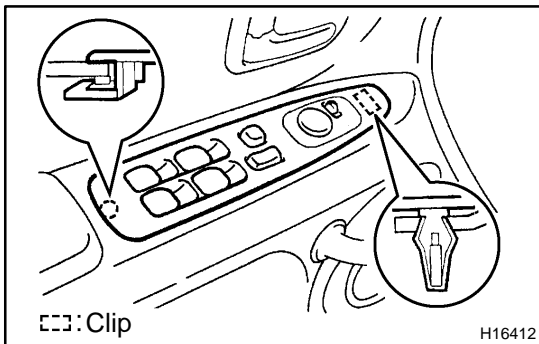
Tape the screwdriver tip before use.

- (b) Remove the screw.

- (c) Using a screwdriver, remove the inside handle bezel as shown in the illustration.

HINT:

Tape the screwdriver tip before use.



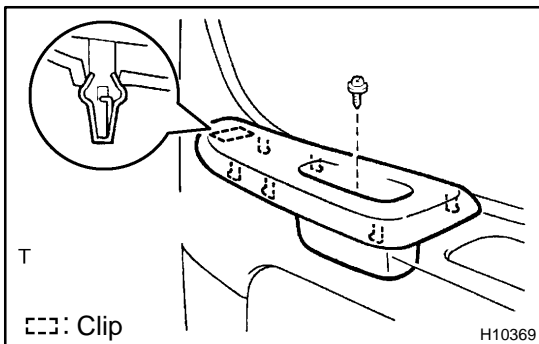
### 2. REMOVE POWER WINDOW SWITCH

- (a) Using a screwdriver, remove the power window switch.

HINT:

Tape the screwdriver tip before use.

- (b) Disconnect the connectors.



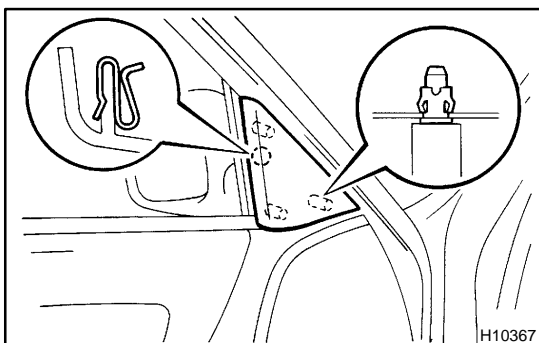
### 3. REMOVE FRONT ARMREST

- (a) Remove the screw.

- (b) Using a screwdriver, remove the front armrest as shown in the illustration.

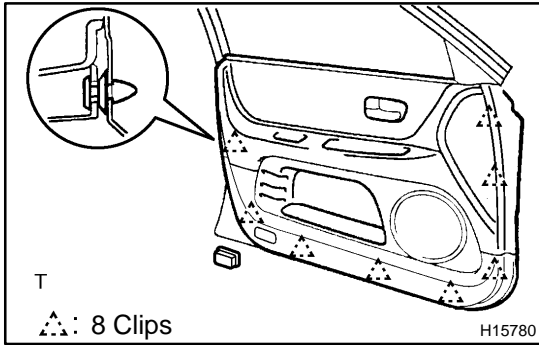
HINT:

Tape the screwdriver tip before use.



### 4. REMOVE LOWER FRAME BRACKET GARNISH

Remove the lower frame bracket garnish.



## 5. REMOVE DOOR TRIM

- (a) Using a screwdriver, remove the courtesy light, then disconnect the connector.

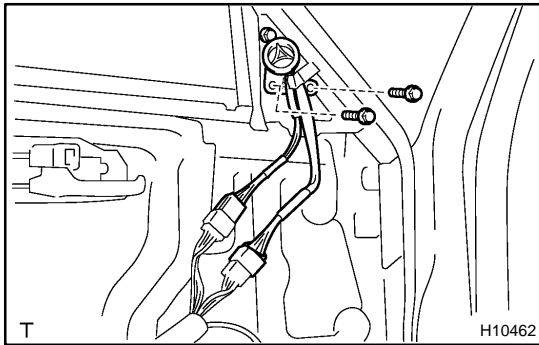
HINT:

Tape the screwdriver tip before use.

- (b) Using a screwdriver, disengage the clips, then pull the trim upward to remove it.

HINT:

Tape the screwdriver tip before use.

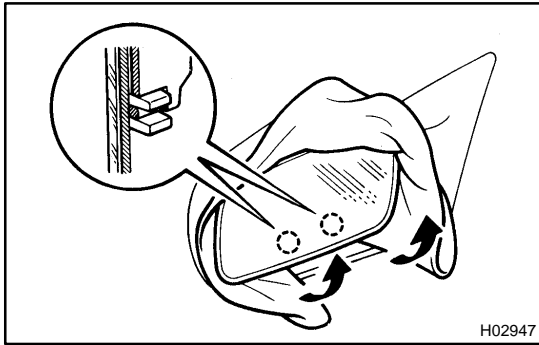


## 6. REMOVE FRONT NO.2 SPEAKER

- (a) Disconnect the connector.
- (b) Remove the 2 bolts and front No.2 speaker.

## 7. REMOVE OUTSIDE REAR VIEW MIRROR

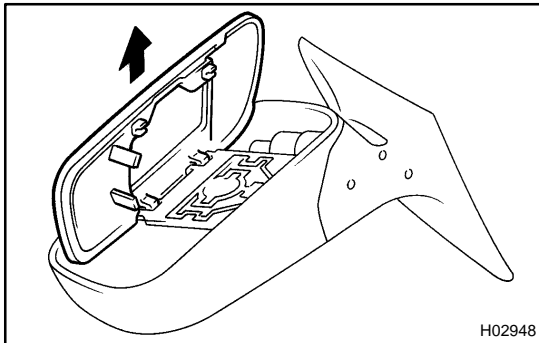
- (a) Disconnect the connector.
- (b) Remove the bolt and outside rear view mirror.



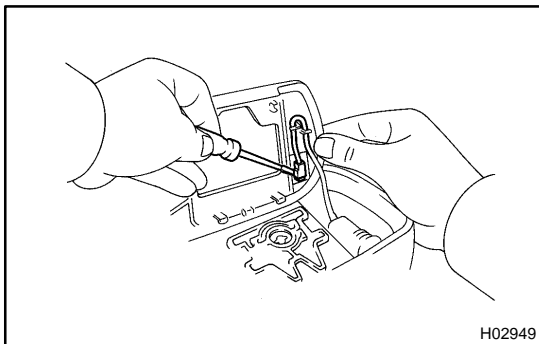
## REPLACEMENT

### 1. IF NECESSARY, DISCONNECT MIRROR

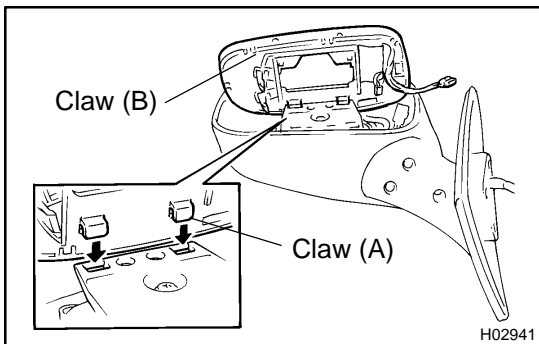
- (a) Insert a shop rag between the mirror and the mirror body.
- (b) Pull up the lower side of the shop rag to disconnect the mirror joint.



- (c) Pull up the mirror and disconnect it.



- (d) Disconnect the connectors.



### 2. CONNECT MIRROR

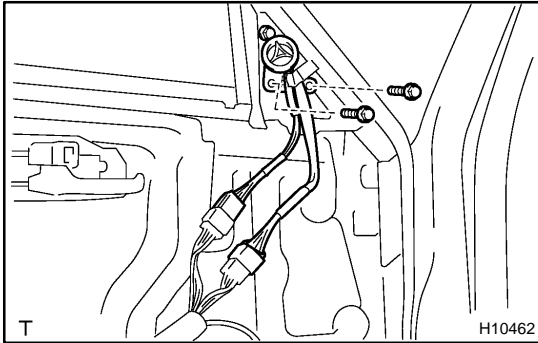
- (a) Connect the connectors.
- (b) Fit the claws (A) in the holes and set the mirror to the mirror body.
- (c) Push the mirror to fix it by fitting the claws (B) in the holes.



## INSTALLATION

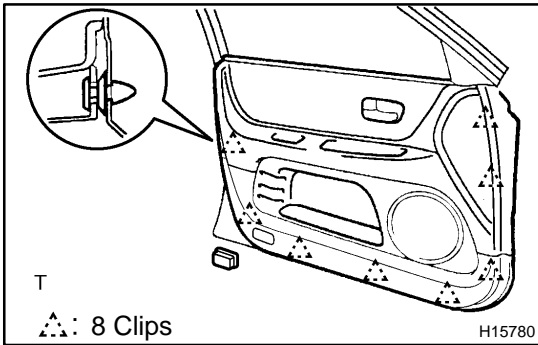
### 1. INSTALL OUTSIDE REAR VIEW MIRROR

- (a) Install the outside rear view mirror with the bolt.  
**Torque: 8.0 N·m (82 kgf·cm, 71 in.-lbf)**
- (b) Connect the connector.



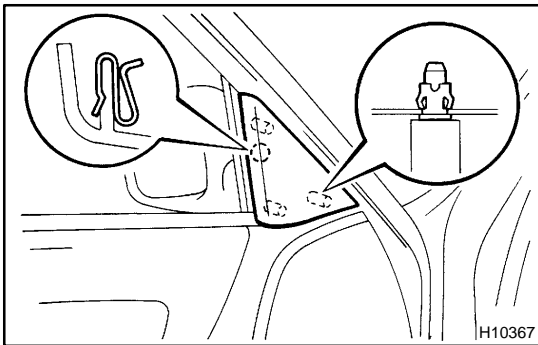
### 2. INSTALL FRONT NO.2 SPEAKER

- (a) Install the front No.2 speaker with the 2 bolts.  
**Torque: 8.0 N·m (82 kgf·cm, 71 in.-lbf)**
- (b) Connect the connector.



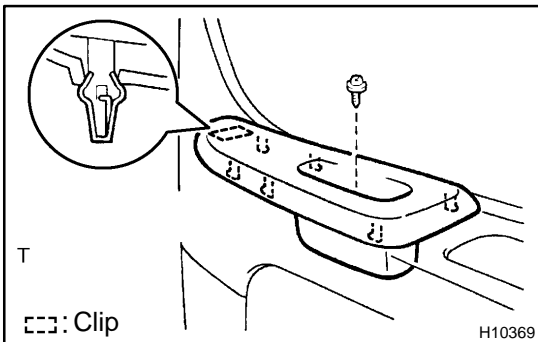
### 3. INSTALL DOOR TRIM

- (a) Install the door trim to the door panel.
- (b) Connect the connector, then install the courtesy light.



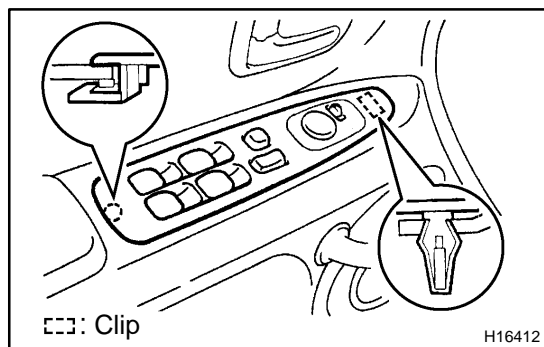
### 4. INSTALL LOWER FRAME BRACKET GARNISH

Install the lower frame bracket garnish to the door panel.



### 5. INSTALL FRONT ARMREST

Install the front armrest with the screw.

**6. INSTALL POWER WINDOW SWITCH**

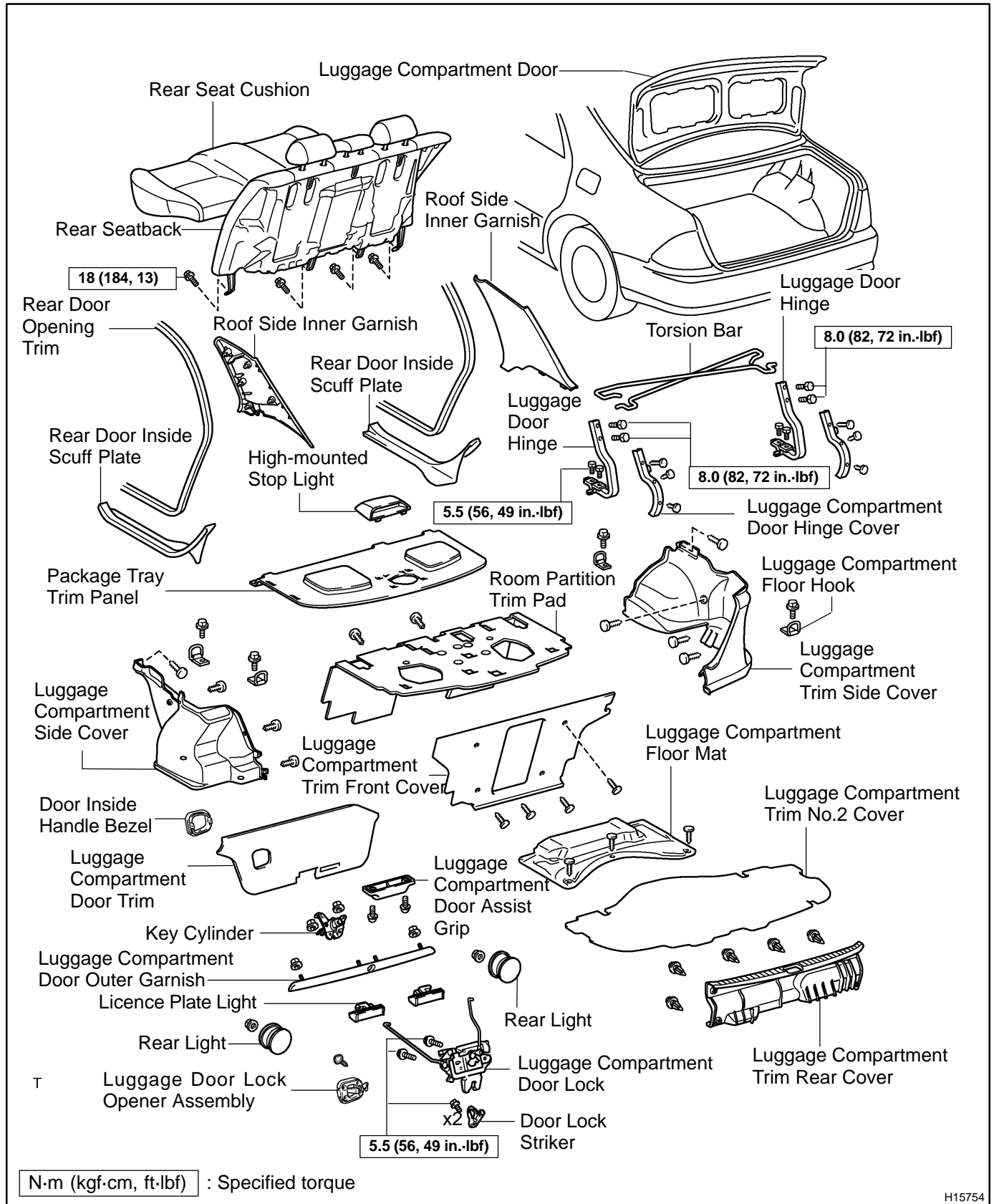
- (a) Connect the connectors.
- (b) Install the power window switch.

**7. INSTALL INSIDE HANDLE BEZEL**

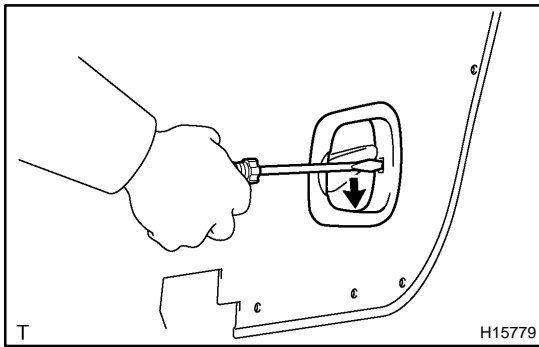
- (a) Install the inside handle bezel with the screws.
- (b) Close the screw cap.

# LUGGAGE COMPARTMENT DOOR AND HINGE COMPONENTS

B00XB-11



H15754



## REMOVAL

### 1. REMOVE DOOR INSIDE HANDLE BEZEL

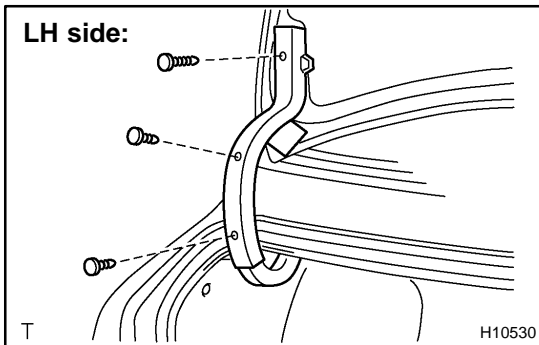
Using a screwdriver, remove the door inside handle bezel.

HINT:

Tape the screwdriver tip before use.

### 2. REMOVE LUGGAGE COMPARTMENT DOOR TRIM

- Remove the 2 screws and luggage compartment door assist grip.
- Remove the 14 clips and luggage compartment door trim.



### 3. REMOVE LUGGAGE COMPARTMENT DOOR HINGE COVERS

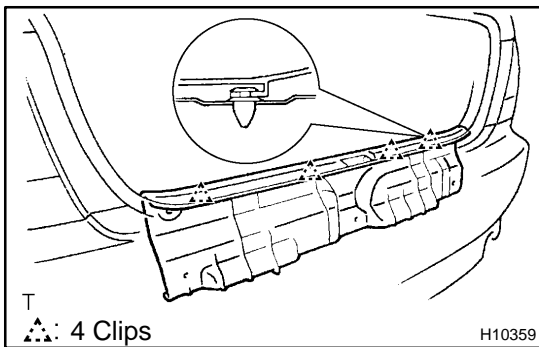
- Remove the 3 clips.
- Open the cover and remove the hinge cover.
- Employ the same manner described above to the other side.

### 4. REMOVE LUGGAGE COMPARTMENT DOOR

- Disconnect the connector.
- Disengage the clamps.
- Remove the 4 bolts and door.

**Torque: 8.0 N·m (82 kgf·cm, 72 in.-lbf)**

### 5. REMOVE LUGGAGE COMPARTMENT TRIM NO.2 COVER



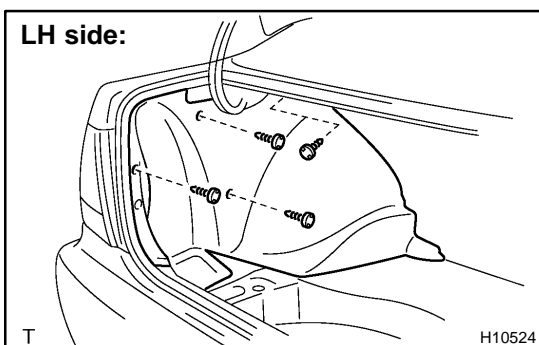
### 6. REMOVE LUGGAGE COMPARTMENT TRIM REAR COVER

- Using a clip remover, remove the 5 clips.
- Using a screwdriver, remove the luggage compartment trim rear cover.

HINT:

Tape the screwdriver tip before use.

### 7. REMOVE LUGGAGE COMPARTMENT FLOOR HOOKS

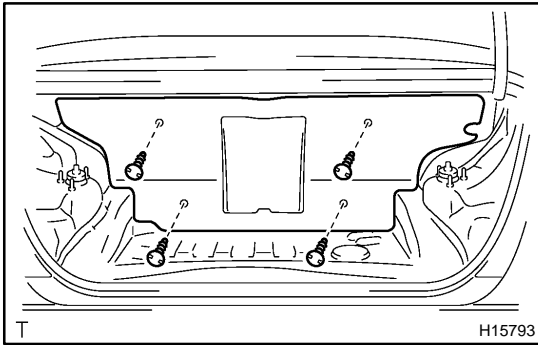


### 8. REMOVE LUGGAGE COMPARTMENT TRIM SIDE COVER LH AND RH

- Remove the 4 clips and luggage compartment trim side cover.
- Employ the same manner described above to the other side.

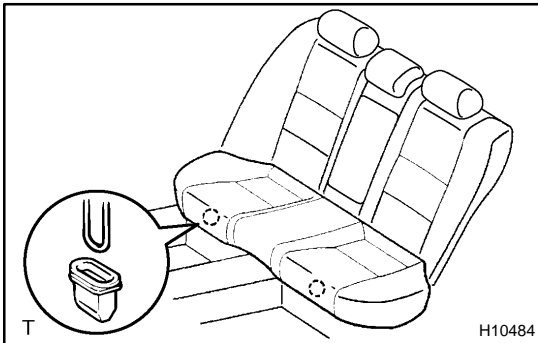
### 9. REMOVE LUGGAGE COMPARTMENT FLOOR MAT

Remove the 3 clips and luggage compartment floor mat.



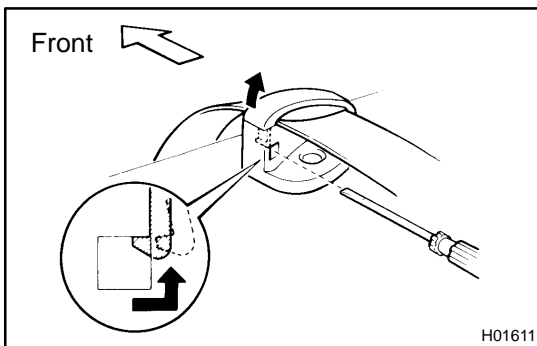
### 10. REMOVE LUGGAGE COMPARTMENT TRIM FRONT COVER

Remove the 4 clips and luggage compartment trim front cover.



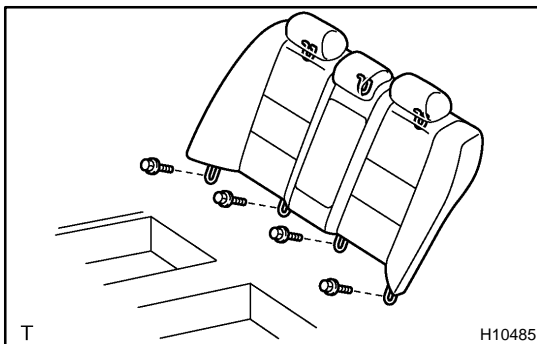
### 11. REMOVE REAR SEAT CUSHION

Pull up the front portion of the seat cushion, then remove it.



### 12. REMOVE REAR SEATBACK

- Using a screwdriver, remove the rear seat belt from the belt guide as shown in the illustration.
- Employ the same manner described above to the other side.



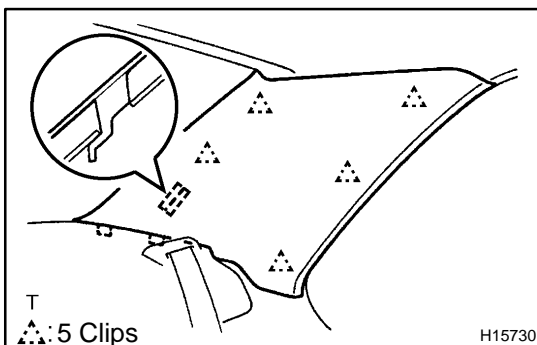
- Remove the 4 bolts.

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

- Pull up the seatback to remove it.

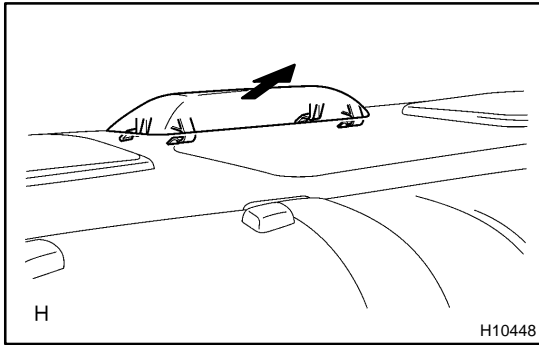
#### NOTICE:

**Be careful not to damage the body.**

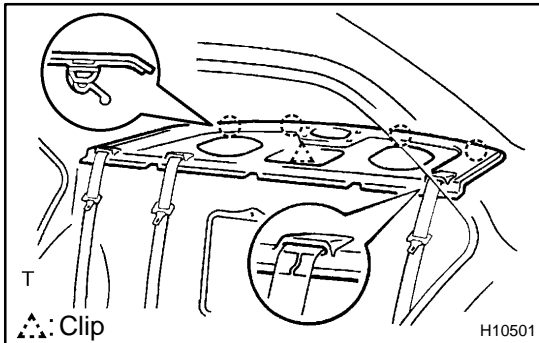


### 13. REMOVE ROOF SIDE INNER GARNISH

- Using a screwdriver, remove the roof side inner garnish.
- Employ the same manner described above to the other side.

**14. REMOVE HIGH-MOUNTED STOP LIGHT**

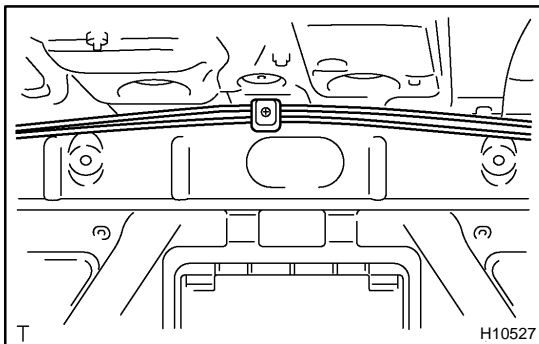
- (a) Remove the high-mounted stop light as shown in the illustration.
- (b) Disconnect the connector.

**15. REMOVE PACKAGE TRAY TRIM PANEL**

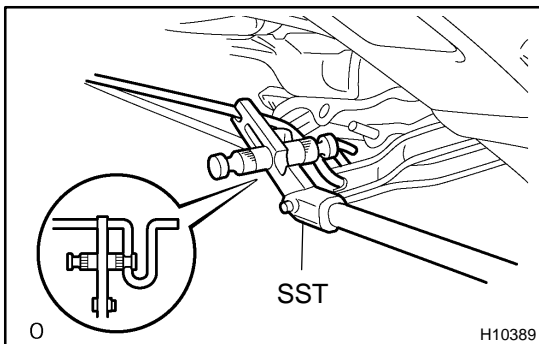
- (a) Pull the package tray trim panel upward to disengage the clips.
- (b) Remove the rear seat outer belts through the cutout on the package tray trim panel.
- (c) Pull the package tray trim panel forward to remove it.

**16. REMOVE ROOM PARTITION TRIM PAD**

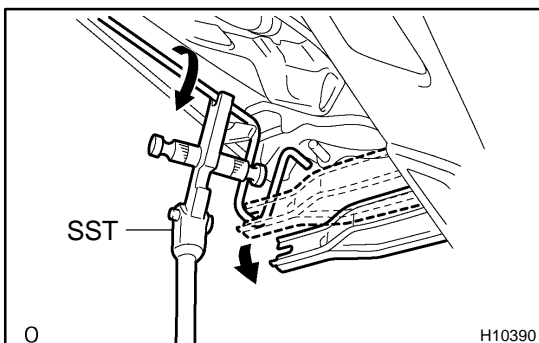
Remove the 2 clips and room partition trim pad.

**17. REMOVE TORSION BAR**

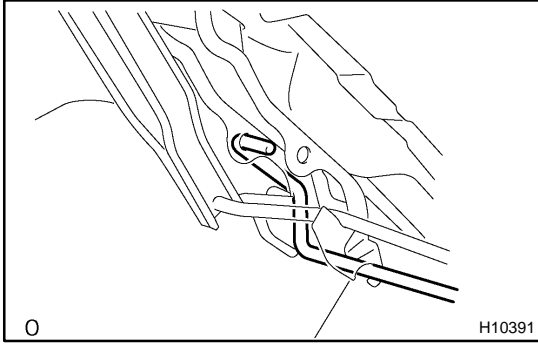
- (a) Remove the torsion bars from the center bracket.



- (b) Install SST to the torsion bar on the hinge side.  
SST 09804-24010



- (c) Push down SST to pull the luggage compartment door hinge from the torsion bar.
- (d) Slowly lift SST, and remove the torsion bar from the torsion bar bracket with SST.



- (e) Disconnect the torsion bar from the bracket.
- (f) Employ the same manner described above to the other side.

**HINT:**

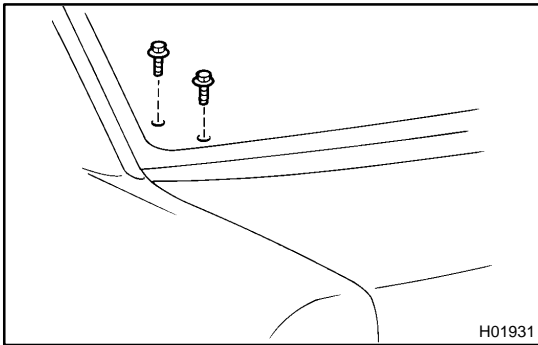
Check the color of marks on the torsion bar when replacing or installing the torsion bar.

**w/o Rear spoiler:**

| Side | Color  |
|------|--------|
| RH   | Yellow |
| LH   | Pink   |

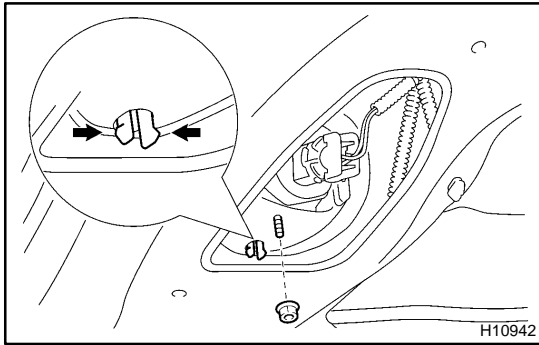
**w/ Rear spoiler:**

| Side | Color  |
|------|--------|
| RH   | Green  |
| LH   | Orange |



**18. REMOVE LUGGAGE COMPARTMENT DOOR HINGE**

- (a) Remove the 2 bolts.
  - (b) Remove the hinge.
- Torque: 5.5 N·m (56 kgf·cm, 49 in.-lbf)**
- (c) Employ the same manner described above to the other side.



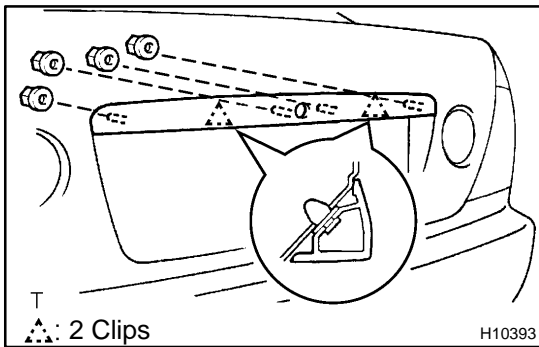
## DISASSEMBLY

### 1. REMOVE REAR LIGHT

- Remove the nut.
- Disengage the clip.
- Disconnect the connector, then remove the rear light.
- Employ the same manner described above to the other side.

### 2. REMOVE LUGGAGE COMPARTMENT DOOR OUTER GARNISH

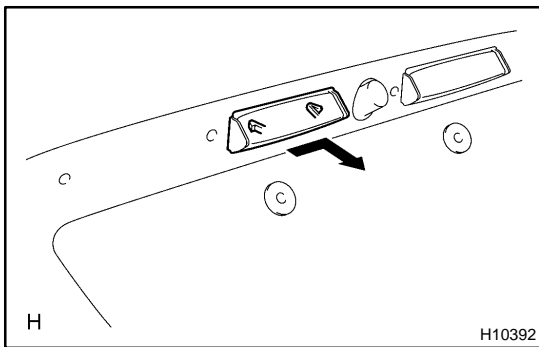
- Disconnect the cable and link from the key cylinder.



- Remove the 4 nuts and key cylinder.
- Using a screwdriver, remove the luggage compartment door outer garnish.

#### HINT:

Tape the screwdriver tip before use.



### 3. REMOVE LICENCE PLATE LIGHT

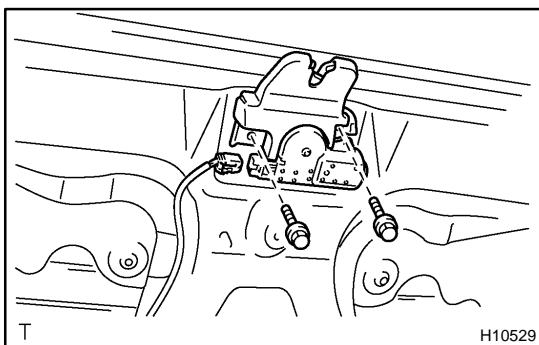
- Disconnect the connector.
- Remove the licence plate light as shown in the illustration.
- Employ the same manner described above to the other side.

### 4. REMOVE LUGGAGE DOOR LOCK OPENER ASSEMBLY

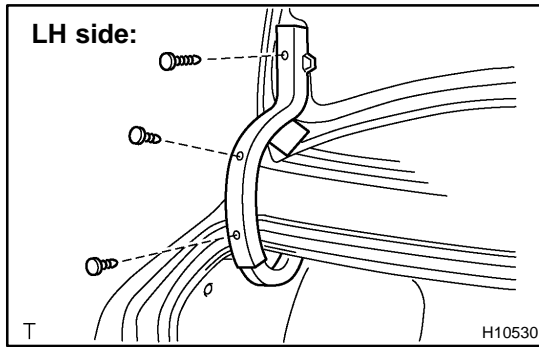
- Disconnect the link.
- Remove the screw and luggage door lock opener assembly.

### 5. REMOVE LUGGAGE COMPARTMENT DOOR LOCK

- Disconnect the connector.
  - Remove the 2 bolts and luggage compartment door lock.
- Torque: 5.5 N·m (56 kgf·cm, 49 in.-lbf)**



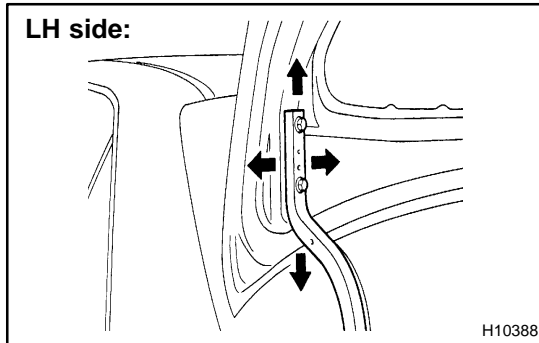




## ADJUSTMENT

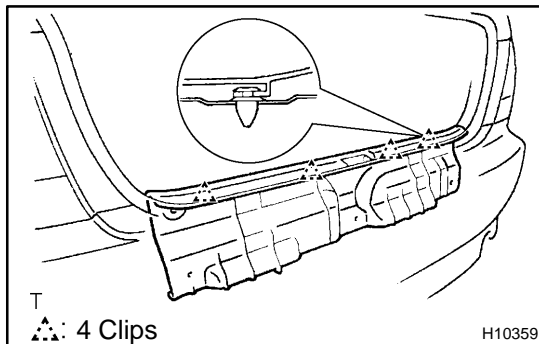
### 1. ADJUST LUGGAGE COMPARTMENT DOOR

- Remove the 3 clips.
- Open the cover and remove the hinge cover.
- Employ the same manner described above to the other side.



- For forward / rearward and left / right adjustments, loosen the bolts.
- For vertical adjustment of front end of the door, increase or decrease the number of washers between the hinge and the door.

**Torque: 8.0 N·m (82 kgf·cm, 72 in.-lbf)**

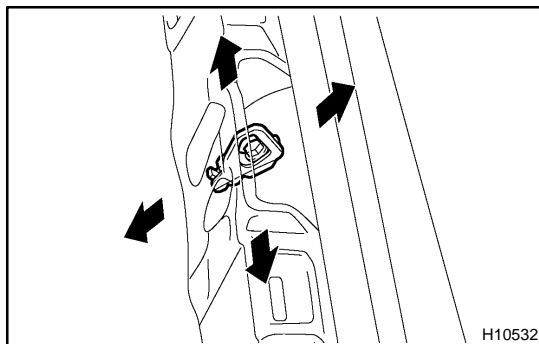


### 2. ADJUST DOOR LOCK STRIKER

- Using a clip remover, remove the 5 clips.
- Using a screwdriver, remove the rear floor finish plate.

**HINT:**

Tape the screwdriver tip before use.



- Using a hammer and brass bar, tap the striker to adjust it.
- Torque: 5.5 N·m (56 kgf·cm, 49 in.-lbf)**

## REASSEMBLY

The reassembly procedures are the disassembly procedures in reverse order (See page [BO-56](#) ).

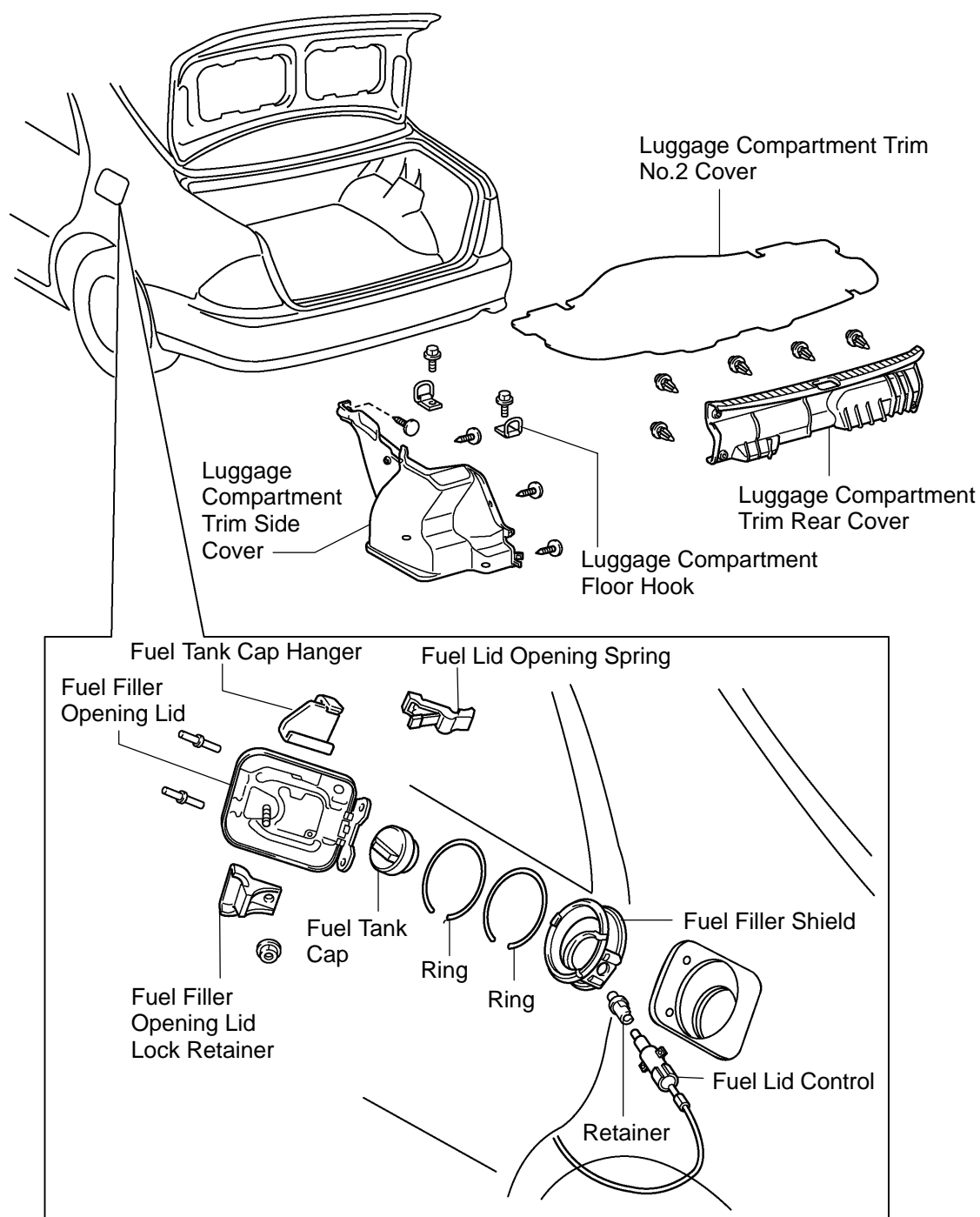
## INSTALLATION

The installation procedures are the removal procedures in reverse order (See page [BO-52](#) ).

# FUEL LID (Sedan)

## COMPONENTS

B04D4-01



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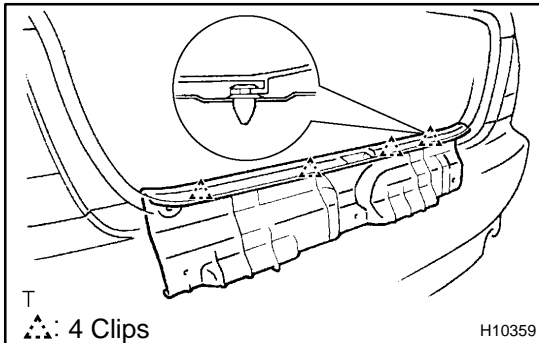
H15790

## REMOVAL

### HINT:

A bolt without a torque specification is shown in the standard bolt chart. (see page [SS-2](#) )

### 1. REMOVE LUGGAGE COMPARTMENT TRIM NO.2 COVER



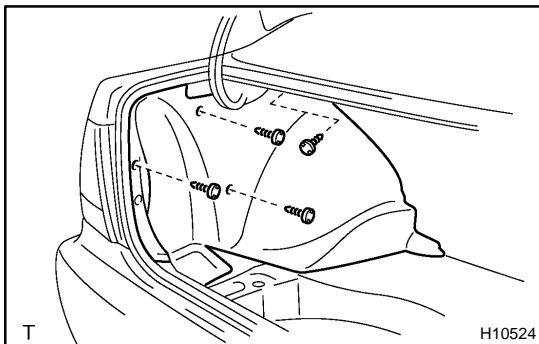
### 2. REMOVE LUGGAGE COMPARTMENT TRIM REAR COVER

- Using a clip remover, remove the 5 clips.
- Using a screw driver, remove the luggage compartment trim rear cover.

### HINT:

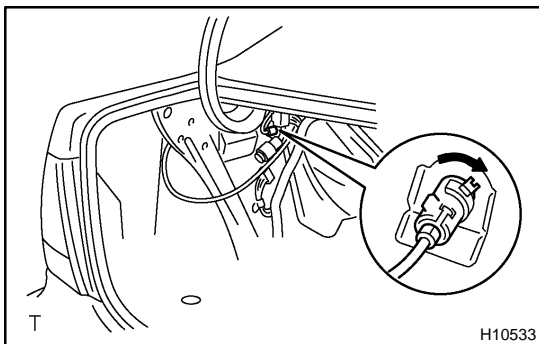
Tape the screwdriver tip before use.

### 3. REMOVE LUGGAGE COMPARTMENT FLOOR HOOKS



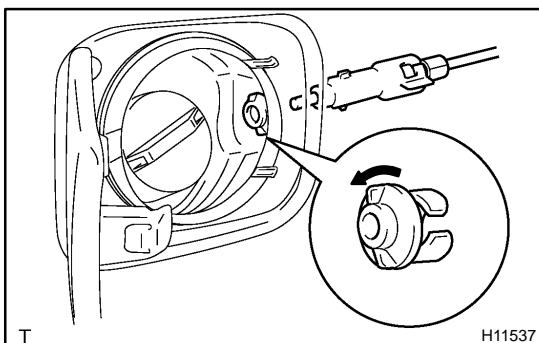
### 4. REMOVE LUGGAGE COMPARTMENT TRIM SIDE COVER LH

Remove the 4 clips and luggage compartment trim side cover LH.

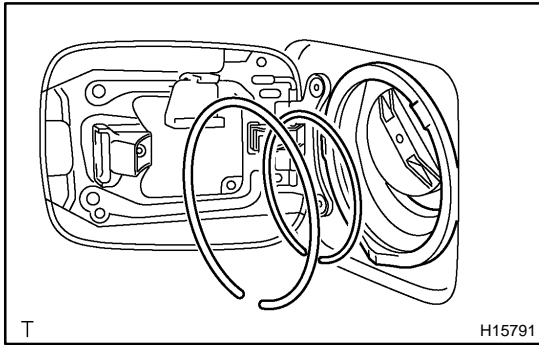


### 5. REMOVE FUEL LID LOCK CONTROL

- Rotate the fuel lid lock right to disengage the lock, then pull it out.



- Rotate the retainer left to disengage the lock, then pull it out.

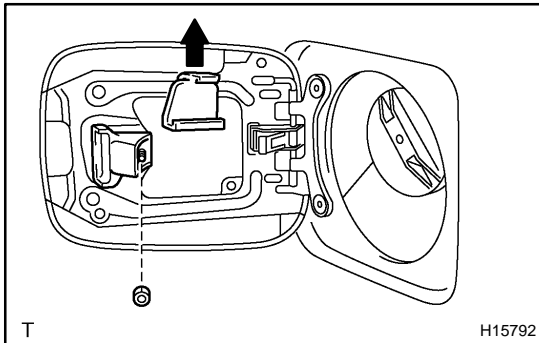
**6. REMOVE FUEL FILLER SHIELD**

- (a) Remove the 2 rings from the fuel filler shield.
- (b) Remove the fuel tank cap and shield.

**CAUTION:**

**Always keep the tank cap closed when it is not required to be open. Keep open fire away during the operation.**

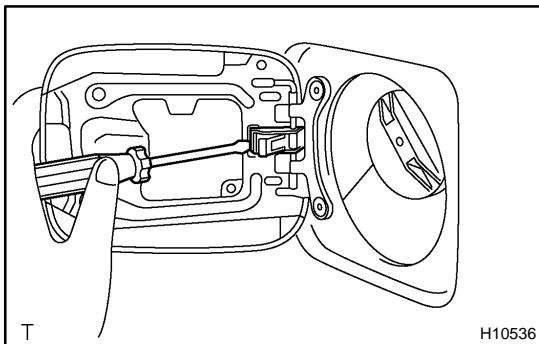
- (c) Install the fuel tank cap quickly.

**7. REMOVE FUEL TANK CAP HANGER**

Pull up the fuel tank cap hanger to remove it.

**8. REMOVE FUEL FILLER OPENING LID LOCK RETAINER**

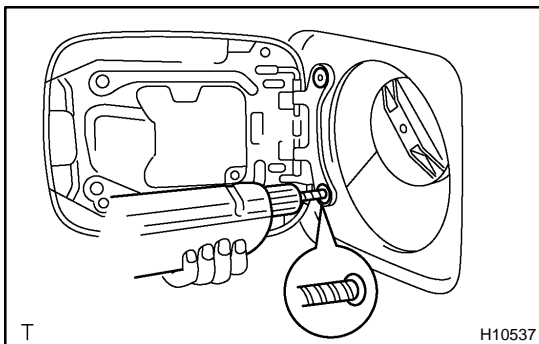
Remove the nut and fuel filler opening lid lock retainer.

**9. REMOVE FUEL LID OPENING SPRING**

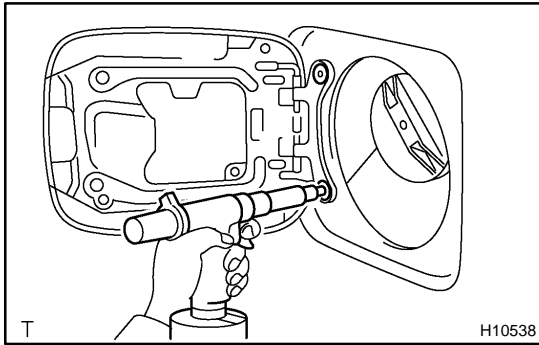
Insert a screwdriver between the spring and fuel filler opening lid to remove the spring as shown in the illustration.

**HINT:**

Tape the screwdriver tip before use.

**10. REMOVE FUEL FILLER OPENING LID**

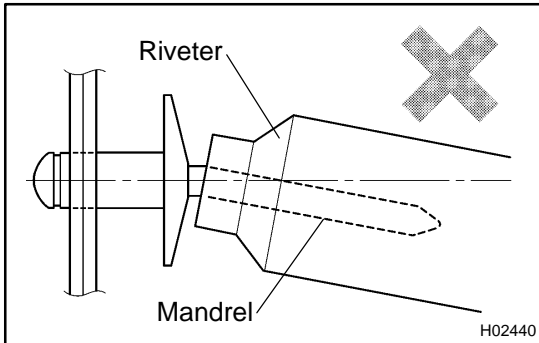
- (a) Using a drill, drill out the rivet heads.
- (b) Remove the fuel filler opening lid.



## INSTALLATION

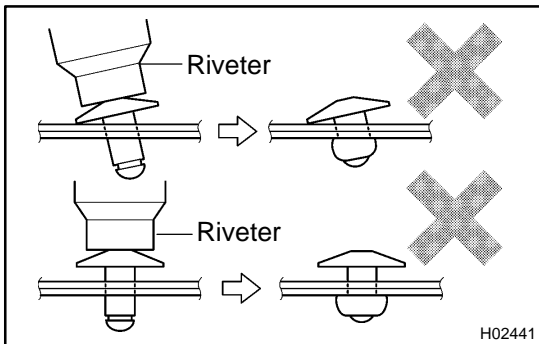
### 1. INSTALL FUEL FILLER OPENING LID

Using a riveter, install the fuel filler opening lid with the 2 rivets to the body.

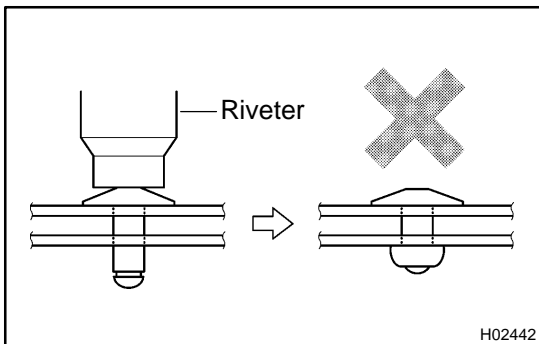


#### NOTICE:

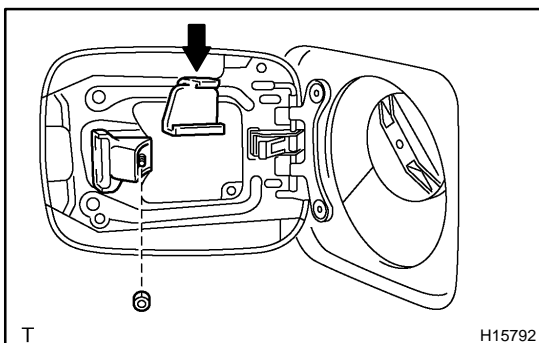
- Do not prize a riveter. It could damage the riveter and cause loose fitting and mandrel bend.



- Do not tilt the riveter when fastening the rivet to the material to avoid loose fitting.
- Do not allow gap spacing between the rivet head and the material.



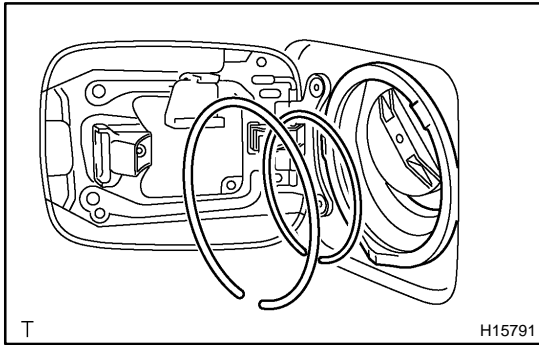
- Do not allow gap spacing between the materials.
- ### 2. INSTALL FUEL FILLER OPENING SPRING



### 3. INSTALL FUEL FILLER OPENING LID LOCK RETAINER

Install the fuel filler opening lid lock retainer with the nut.

### 4. INSTALL FUEL TANK CAP HANGER



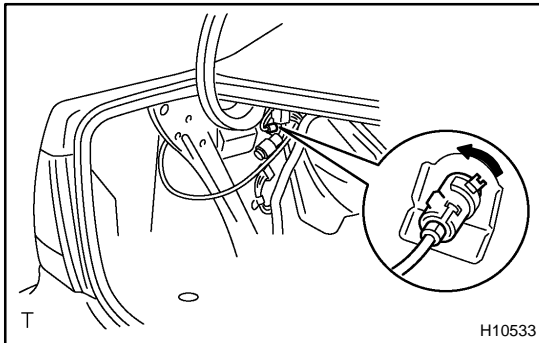
### 5. INSTALL FUEL FILLER SHIELD

- Remove the fuel tank cap.
- Install the fuel filler shield to the body.
- Install the fuel tank cap quickly.

#### CAUTION:

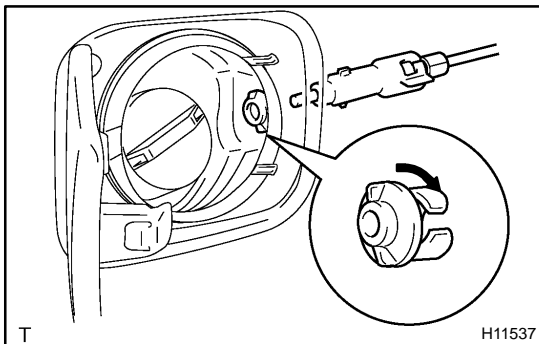
**Always keep the tank cap closed when it is not required to be open. Keep open fire away during the operation.**

- Install the 2 rings to the fuel filler shield as shown in the illustration.

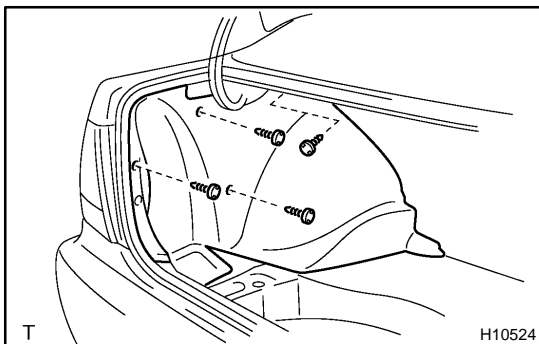


### 6. INSTALL FUEL LID LOCK CONTROL

- Install the retainer to the body from the outside of the vehicle and rotate it to the right to lock.



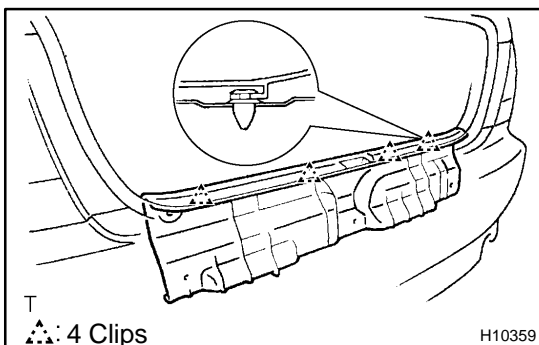
- Insert the fuel lid lock control to the retainer and rotate it to the left to lock.



### 7. INSTALL LUGGAGE COMPARTMENT TRIM SIDE COVER LH

Install the luggage compartment trim side cover LH with the 3 clips.

### 8. INSTALL LUGGAGE COMPARTMENT FLOOR HOOKS



### 9. INSTALL LUGGAGE COMPARTMENT TRIM REAR COVER

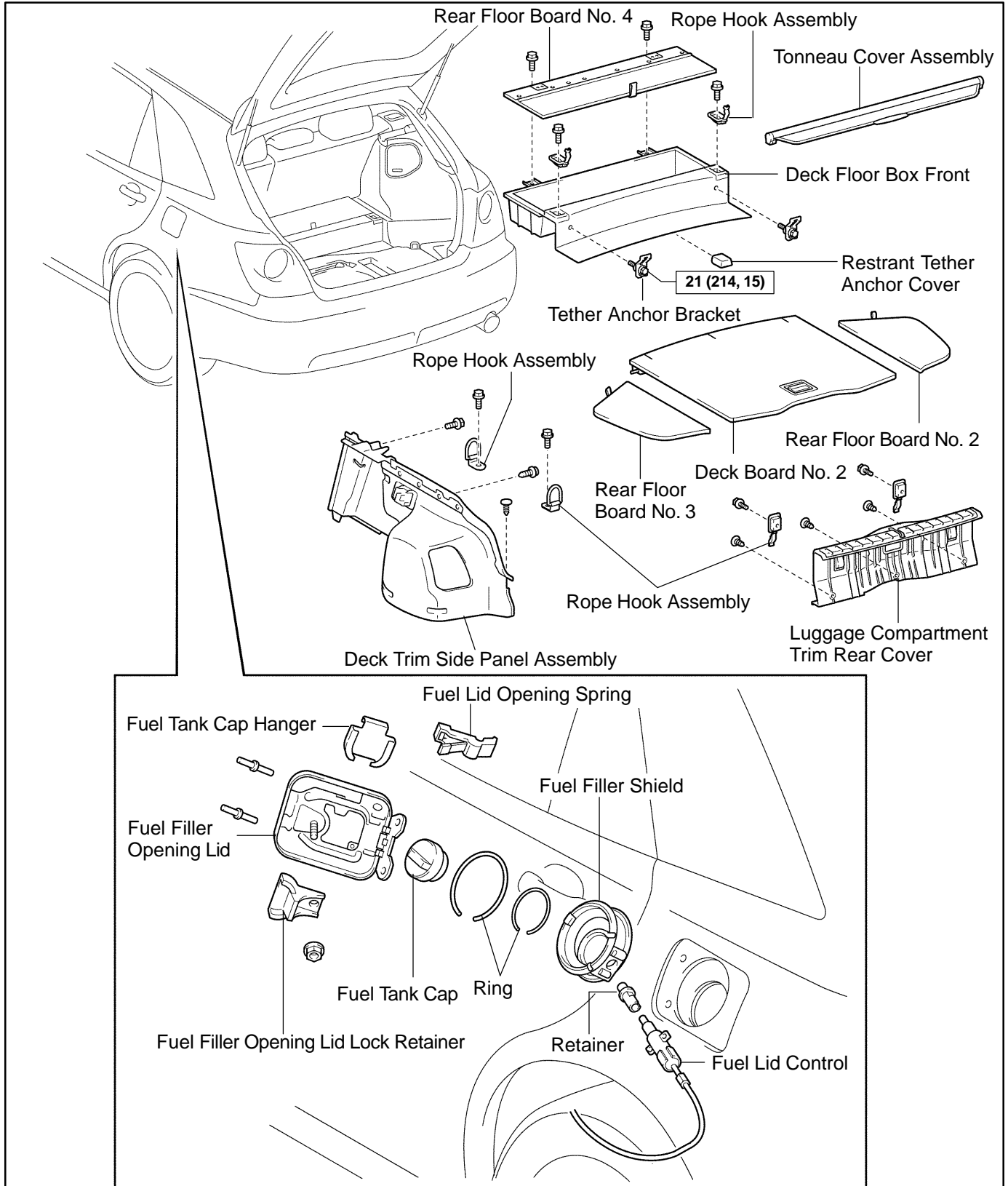
Install the luggage compartment trim rear cover with the 5 clips.

### 10. INSTALL LUGGAGE COMPARTMENT TRIM NO.2 COVER



# FUEL LID (Wagon) COMPONENTS

BO4D7-03



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

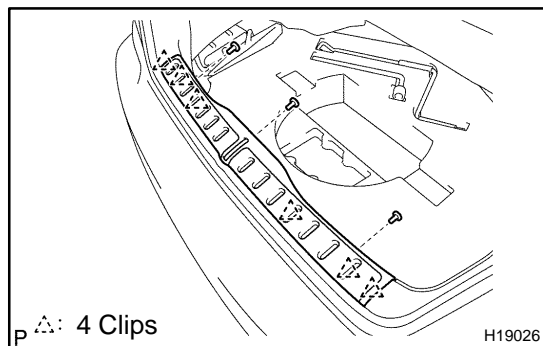
H19476

## REMOVAL

### HINT:

A bolt without a torque specification is shown in the standard bolt chart. (see page [SS-2](#) )

1. **REMOVE REAR SEAT CUSHION** (See page [BO-204](#) )
2. **REMOVE SIDE SEATBACK ASSEMBLY**  
(See page [BO-204](#) )
3. **REMOVE REAR SEAT FLOOR BOARD NO. 4**
  - (a) Remove the seat back board carpets.
  - (b) Remove the 2 bolts and rear floor board.
4. **REMOVE DECK FLOOR BOX FRONT**
  - (a) Remove the 2 bolts and the 2 rope hook assemblies.
  - (b) Remove the 2 bolts and 2 tether anchor brackets.
  - (c) Remove the restraint seat tether anchor cover.
  - (d) Remove the deck floor box.
5. **REMOVE DECK BOARD NO. 2**
6. **REMOVE REAR FLOOR BOARD NO. 2**
7. **REMOVE REAR FLOOR BOARD NO. 3**
8. **REMOVE TONNEAU COVER ASSEMBLY**

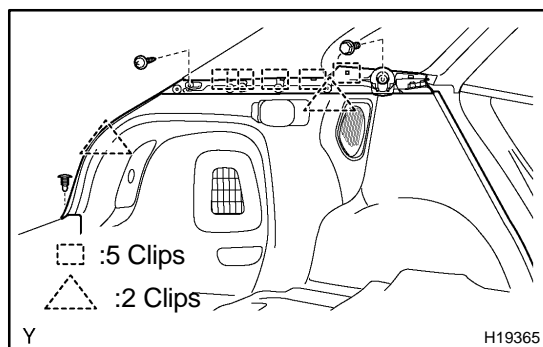


### 9. REMOVE REAR FLOOR FINISH PLATE

- (a) Remove the 2 bolts and the 2 rope hook assemblies.
- (b) Remove the 3 clips.
- (c) Using a screwdriver, remove the rear floor finish plate.

### HINT:

Tape the screwdriver tip before use.

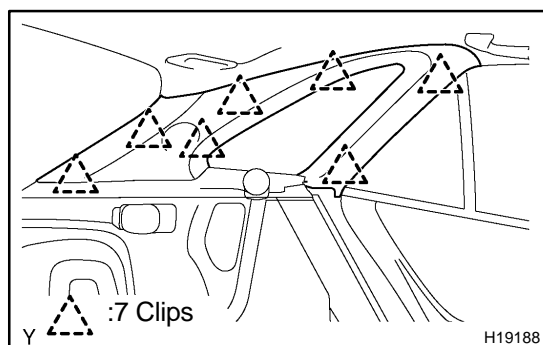


### 10. REMOVE DECK TRIM SIDE PANEL ASSEMBLY

- (a) Remove the 2 bolts and 2 floor hooks.
- (b) Remove the screw, bolt and clip.
- (c) Using a screwdriver, remove the deck trim side panel assembly, then disconnect the connector.

### HINT:

Tape the screwdriver tip before use.

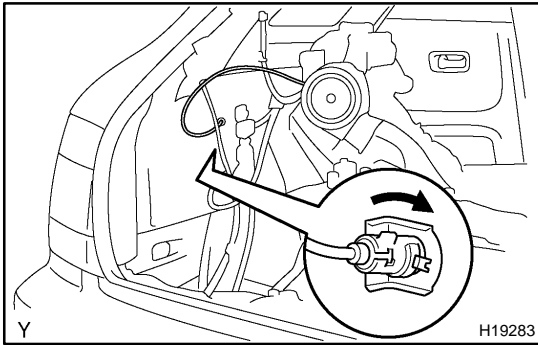


### 11. REMOVE ROOF SIDE INNER GARNISH

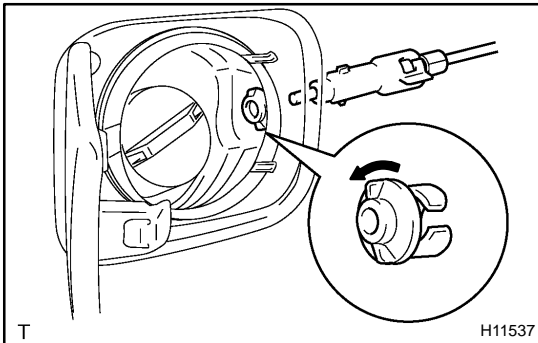
Using a screwdriver, remove the roof side inner garnish.

### HINT:

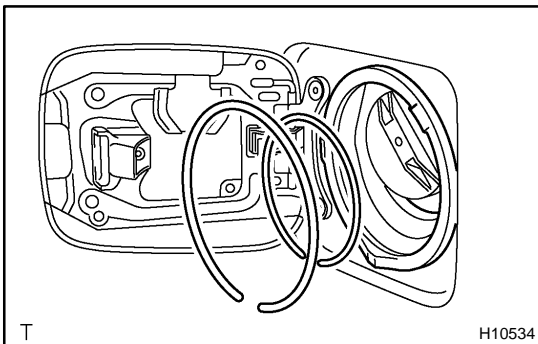
Tape the screwdriver tip before use.

**12. REMOVE FUEL LID LOCK CONTROL**

- (a) Rotate the fuel lid lock to the right to disengage the lock, then pull it out.



- (b) Rotate the retainer to the left to disengage the lock, then pull it out.

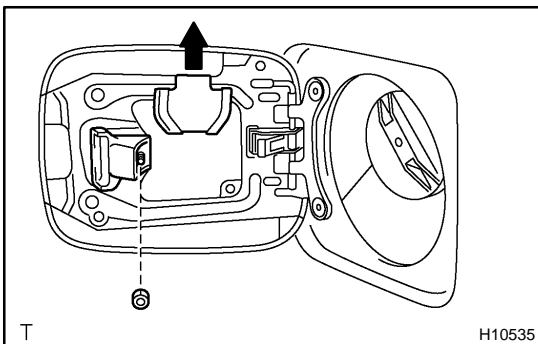
**13. REMOVE FUEL FILLER SHIELD**

- (a) Remove the 2 rings from the fuel filler shield.  
(b) Remove the fuel tank cap and shield.

**CAUTION:**

**Always keep the tank cap closed when it is not required to be open. Keep open fire away during the operation.**

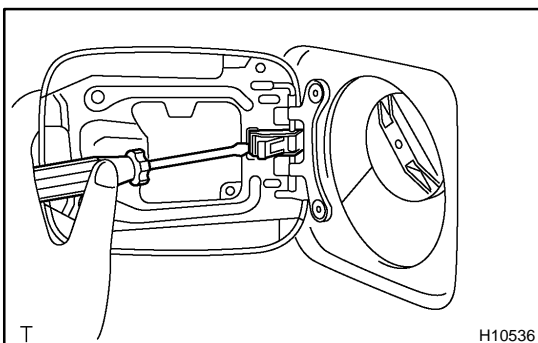
- (c) Install the fuel tank cap quickly.

**14. REMOVE FUEL TANK CAP HANGER**

Pull up the fuel tank cap hanger to remove it.

**15. REMOVE FUEL FILLER OPENING LID LOCK RETAINER**

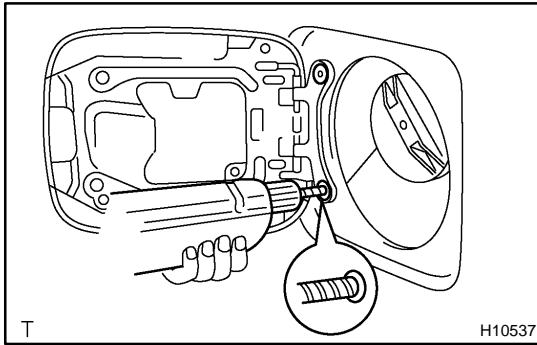
Remove the nut and fuel filler opening lid lock retainer.

**16. REMOVE FUEL LID OPENING SPRING**

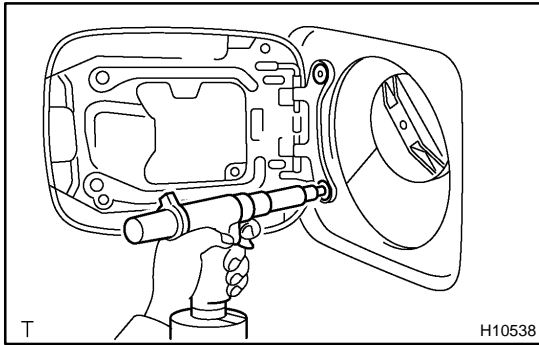
Insert a screwdriver between the spring and fuel filler opening lid to remove the spring as shown in the illustration.

**HINT:**

Tape the screwdriver tip before use.

**17. REMOVE FUEL FILLER OPENING LID**

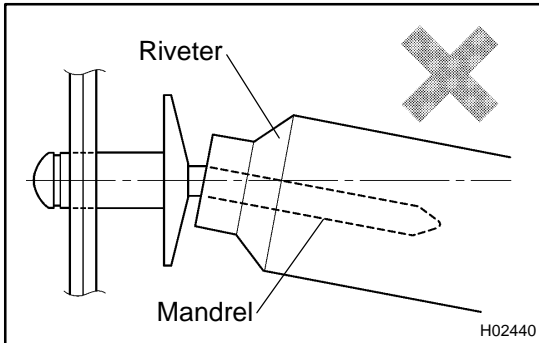
- (a) Using a drill, drill out the rivet heads.
- (b) Remove the fuel filler opening lid.



## INSTALLATION

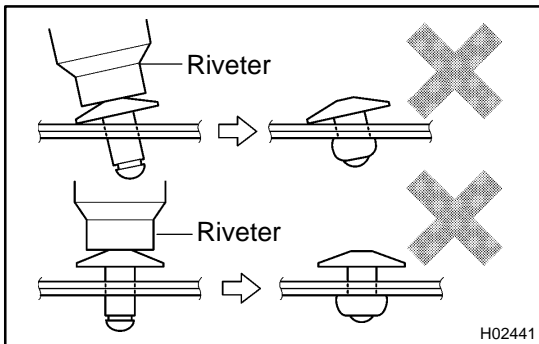
### 1. INSTALL FUEL FILLER OPENING LID

Using a riveter, install the fuel filler opening lid with the 2 rivets to the body.

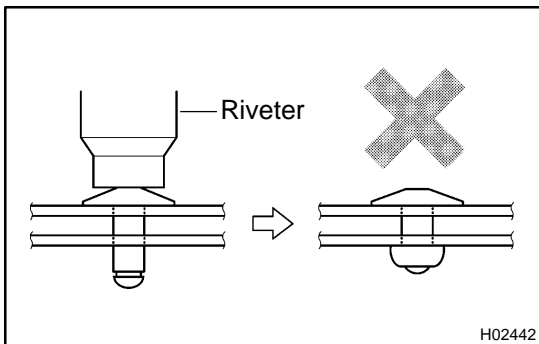


#### NOTICE:

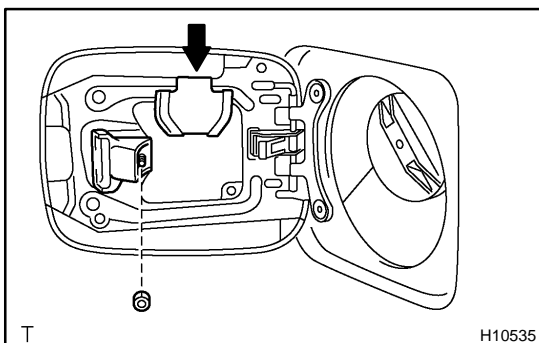
- Do not prize a riveter. It could damage the riveter and cause loose fitting and mandrel bend.



- Do not tilt the riveter when fastening the rivet to the material to avoid loose fitting.
- Do not allow gap spacing between the rivet head and the material.



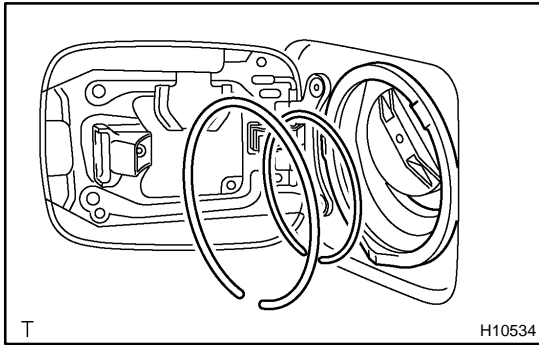
- Do not allow gap spacing between the materials.
- ### 2. INSTALL FUEL FILLER OPENING SPRING



### 3. INSTALL FUEL FILLER OPENING LID LOCK RETAINER

Install the fuel filler opening lid lock retainer with the nut.

### 4. INSTALL FUEL TANK CAP HANGER



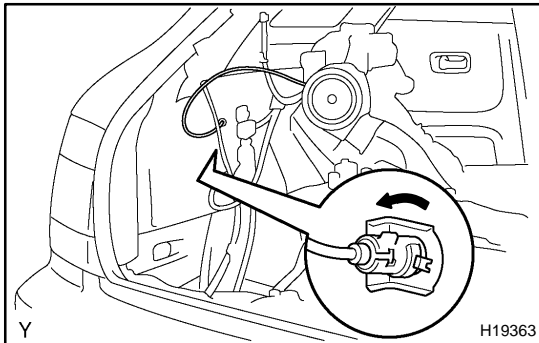
### 5. INSTALL FUEL FILLER SHIELD

- (a) Remove the fuel tank cap.
- (b) Install the fuel filler shield to the body, and put the fuel tank cap back immediately.
- (c) Install the fuel tank cap quickly.

#### CAUTION:

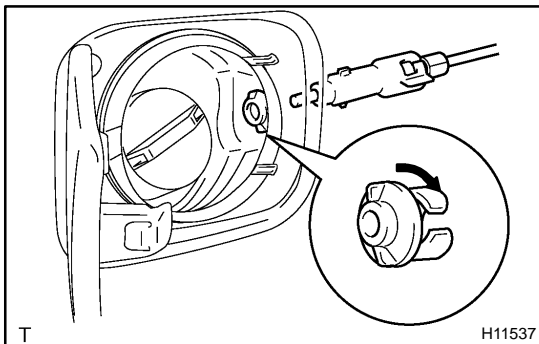
**Always keep the tank cap closed when it is not required to be open. Keep open fire away during the operation.**

- (d) Install the 2 rings to the fuel filler shield as shown in the illustration.

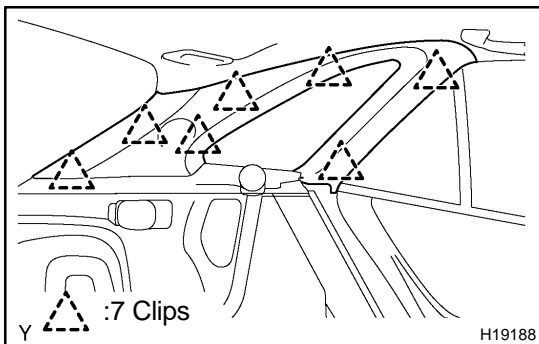


### 6. INSTALL FUEL LID LOCK CONTROL

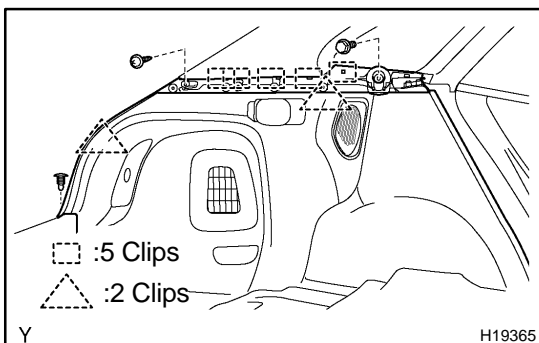
- (a) Install the retainer to the body from the outside of the vehicle and rotate it right to lock.



- (b) Insert the fuel lid lock control to the retainer and rotate it to the left to lock.

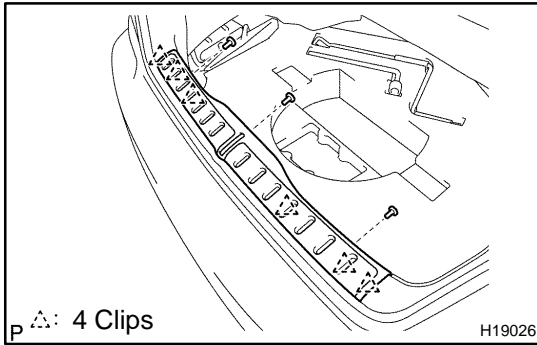


### 7. INSTALL ROOF SIDE INNER GARNISH



### 8. INSTALL DECK TRIM SIDE PANEL ASSEMBLY

- (a) Install the deck trim side panel assembly then connect the connector.
- (b) Install the screw, bolt and clip.
- (c) Install the 2 floor hooks with the 2 bolts.

**9. INSTALL REAR FLOOR FINISH PLATE**

- (a) Install the rear floor finish plate.
- (b) Install the 3 clips.
- (c) Install the 2 rope hook assemblies with the 2 bolts.

**10. INSTALL TONNEAU COVER ASSEMBLY****11. INSTALL REAR FLOOR BOARD NO. 3****12. INSTALL REAR FLOOR BOARD NO. 2****13. INSTALL DECK BOARD NO. 2****14. INSTALL DECK FLOOR BOX FRONT**

- (a) Install the deck floor box.
- (b) Install the 2 tether anchor brackets with the 2 bolts.

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

- (c) Install the restraint seat tether anchor cover.
- (d) Install the 2 rope hook assemblies with the 2 bolts.

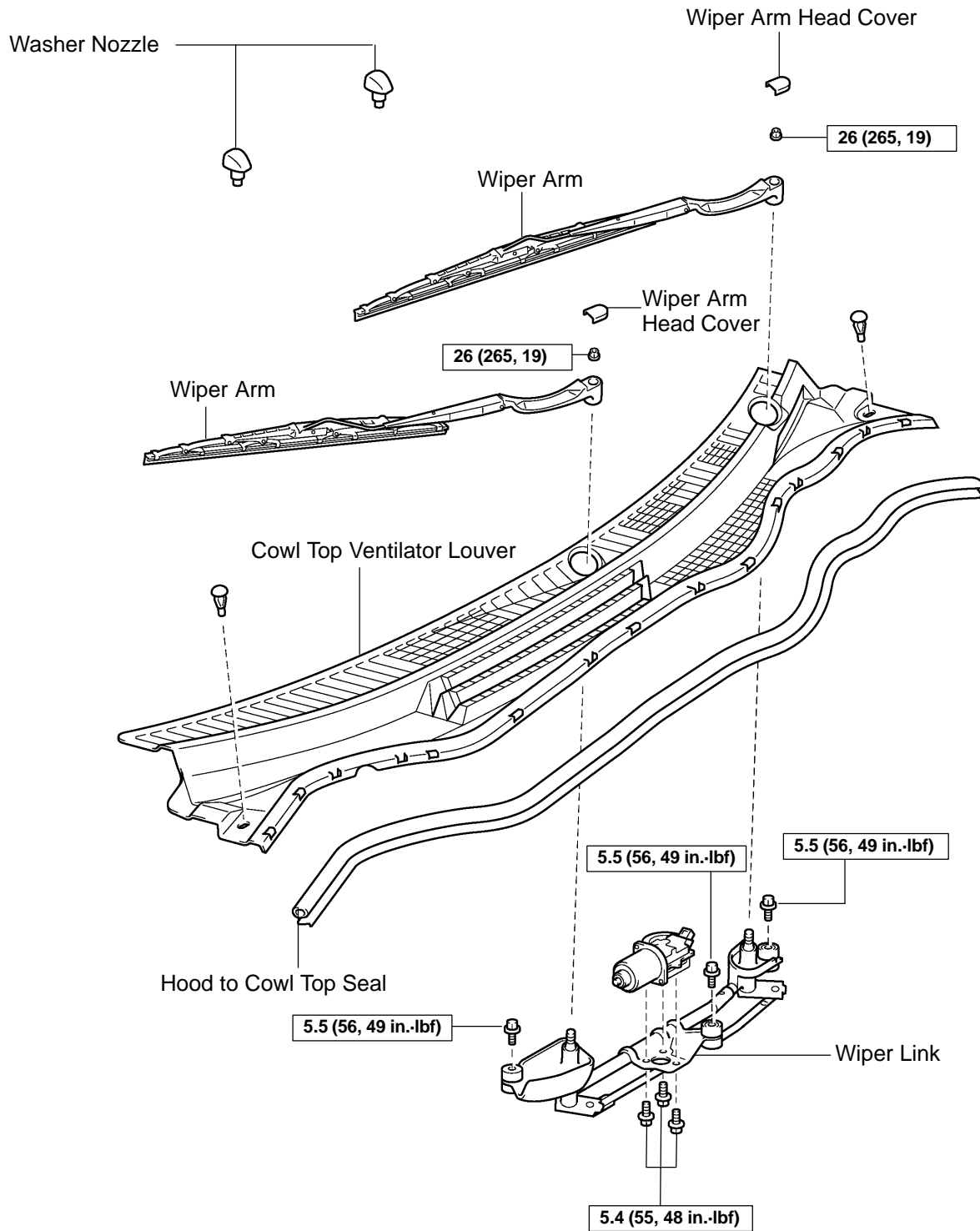
**15. INSTALL REAR SEAT FLOOR BOARD NO. 4**

- (a) Install the rear floor board with the 2 bolts.
- (b) Install the seat back board carpets.

**16. INSTALL SIDE SEAT BACK ASSEMBLY (See page [BO-204](#) )****17. INSTALL REAR SEAT CUSHION (See page [BO-204](#) )**

# FRONT WIPER AND WASHER COMPONENTS

BO0UX-07



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

H15723



## REMOVAL

### 1. REMOVE WIPER ARMS

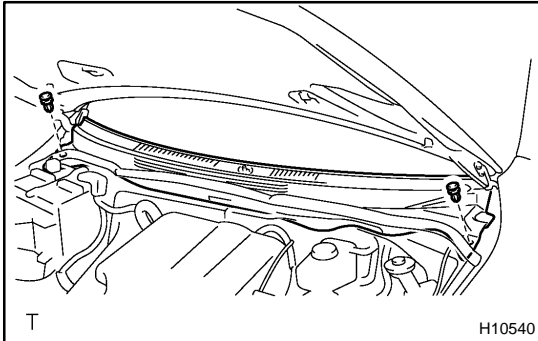
- (a) Using a screwdriver, remove the wiper arm head covers.

HINT:

Tape the screwdriver tip before use.

- (b) Remove the 2 nuts and 2 wiper arms.

### 2. REMOVE HOOD TO COWL TOP SEAL



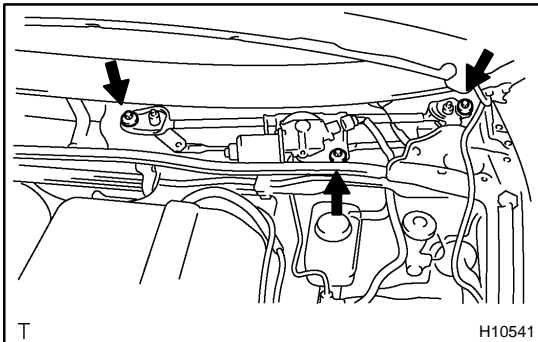
### 3. REMOVE COWL TOP VENTILATOR LOUVER

- (a) Remove the 2 clips

- (b) Using a screwdriver, remove the cowl top ventilator louver.

HINT:

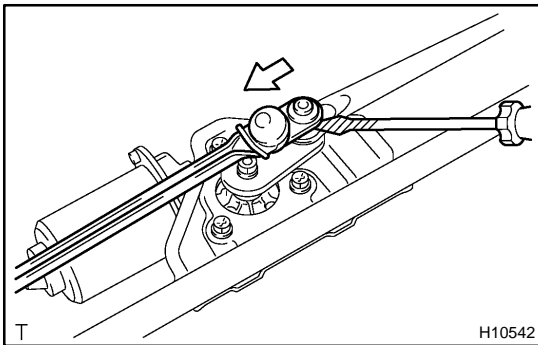
Tape the screwdriver tip before use.



### 4. REMOVE WIPER LINK ASSEMBLY

- (a) Disconnect the connector.

- (b) Remove the 3 bolts and wiper link assembly.

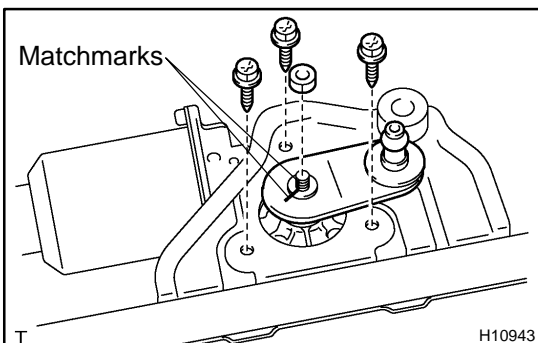


### 5. REMOVE WIPER MOTOR

- (a) Using a screwdriver, disconnect the wiper link from the motor.

HINT:

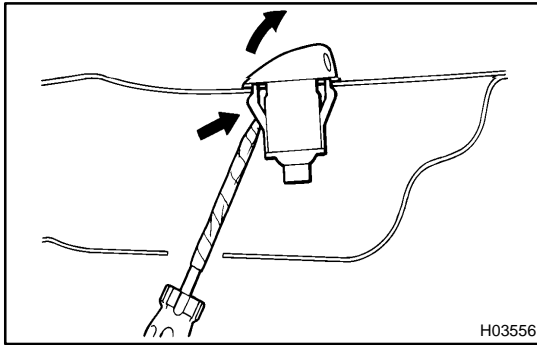
Tape the screwdriver tip before use.



- (b) Remove the nut.

- (c) Place the matchmarks on the wiper link and motor.

- (d) Remove the 3 screws and wiper motor from the wiper link.

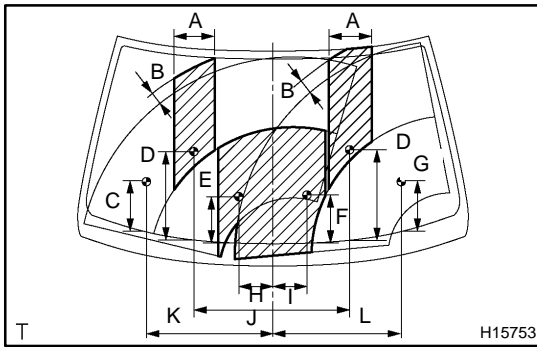
**6. REMOVE WASHER NOZZLE**

- (a) Remove the hood insulator.
- (b) Disconnect the washer hose.
- (c) Using a screwdriver, remove the washer nozzle.

**HINT:**

Tape the screwdriver tip before use.

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



## INSPECTION

### INSPECT WASHER NOZZLE

- (a) While operating the washer, check whether the points 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. 181.4 mm (7.142 in.)**

**D: Approx. 320.6 mm (12.622 in.)**

**E: Approx. 175.9 mm (6.925 in.)**

**F: Approx. 176.5 mm (6.949 in.)**

**G: Approx. 181 mm (7.13 in.)**

**H: Approx. 117.8 mm (4.638 in.)**

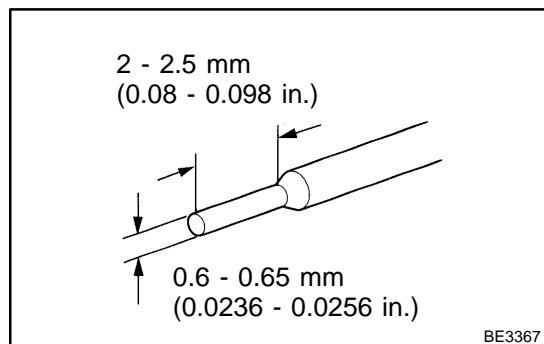
**I: Approx. 120 mm (4.72 in.)**

**J: Approx. 546.6 mm (21.520 in.)**

**K: Approx. 443.7 mm (17.468 in.)**

**L: Approx. 447 mm (17.60 in.)**

- (b) Check if the outer point where the washer fluid hits the windshield is within the range of the wiping pattern (the area of the glass which is wiped by the wiper blades).



## ADJUSTMENT

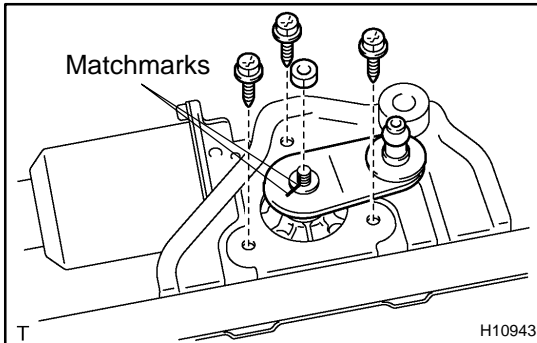
### ADJUST WASHER NOZZLE

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.

## INSTALLATION

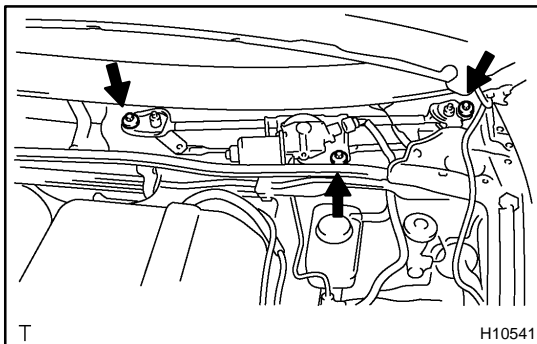
### 1. INSTALL WASHER NOZZLES

- Install the washer nozzles, then connect the washer hoses.
- Install the hood insulator.



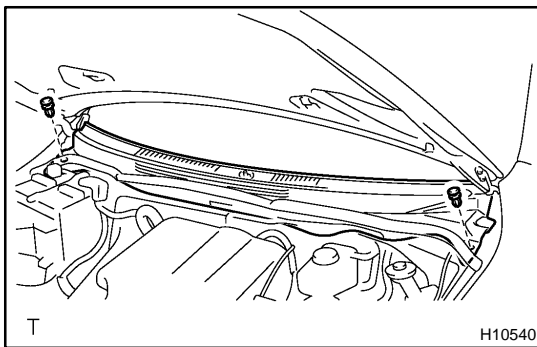
### 2. INSTALL WIPER MOTOR

- Install the wiper motor with the 3 bolts to the wiper link.  
**Torque: 5.4 N·m (55 kgf·cm, 48 in.-lbf)**
- Align the matchmakers on the wiper link and wiper motor, then install the nut.  
**Torque: 5.5 N·m (56 kgf·cm, 49 in.-lbf)**
- Connect the wiper link to the wiper motor.



### 3. INSTALL WIPER LINK ASSEMBLY

- Install the wiper link assembly and fasten the 3 bolts.  
**Torque: 5.5 N·m (56 kgf·cm, 49 in.-lbf)**
- Connect the connector.



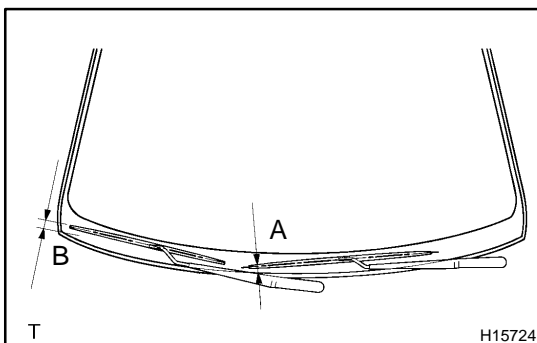
### 4. INSTALL COWL TOP VENTILATOR LOUVER

Install the cowl top ventilator louver with the 2 clips.

### 5. INSTALL HOOD TO COWL TOP SEAL

### 6. INSTALL WIPER ARMS

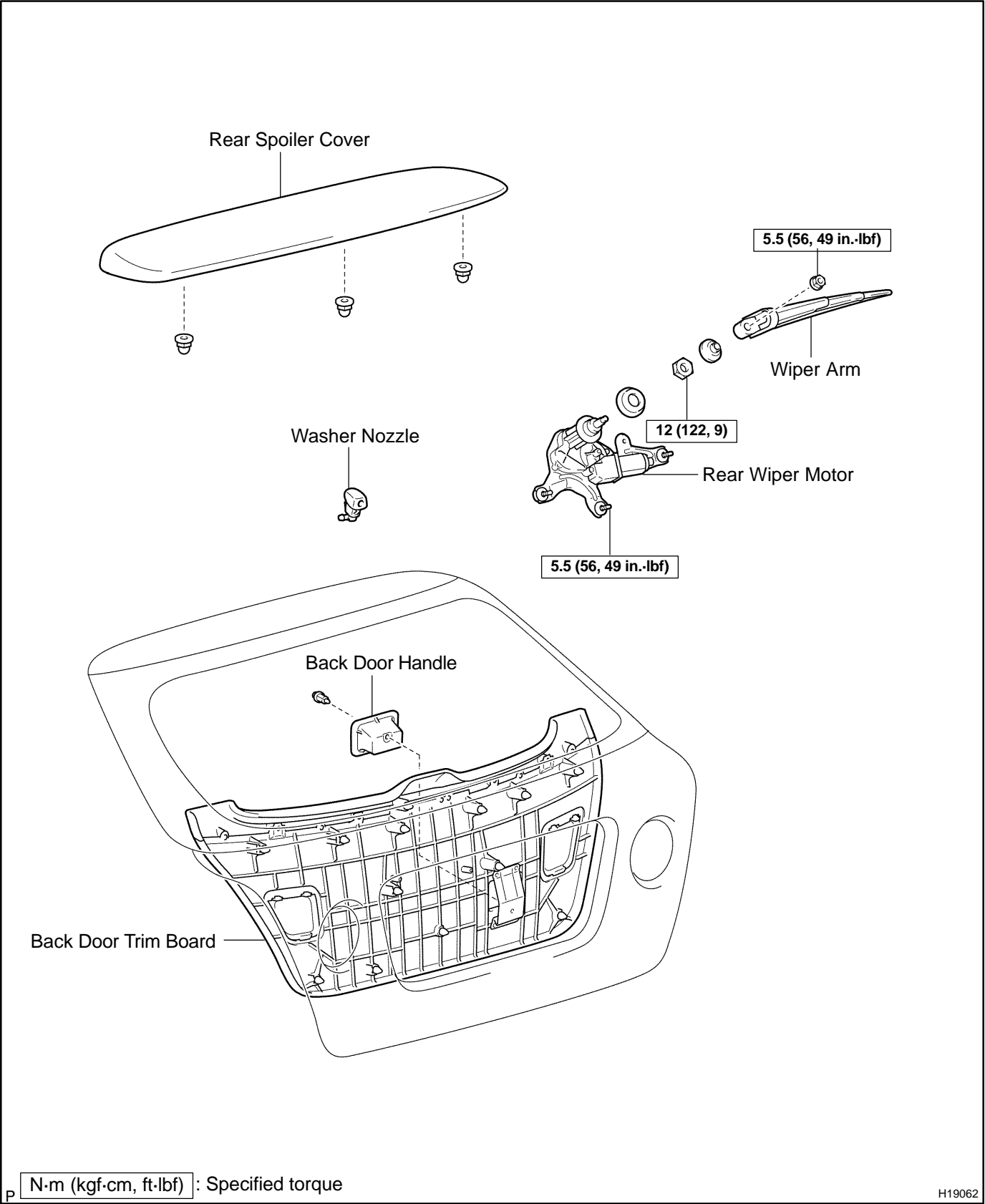
- Operate the wipers once and turn the wiper switch OFF.
- Install the wiper arms and tighten the nuts by hand.
- Adjust the installation positions of the wiper arms to the positions as shown in the illustration.  
**A: 20.0 mm (0.787 in.)**  
**B: 28.0 mm (1.102 in.)**
- Torque the nuts.  
**Torque: 26 N·m (265 kgf·cm, 19 ft-lbf)**



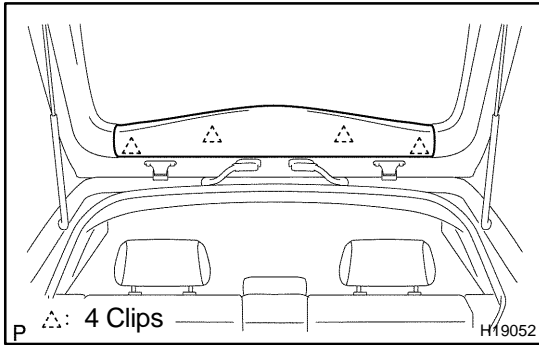
# REAR WIPER AND WASHER (Wagon)

## COMPONENTS

BO4DA-01



H19062



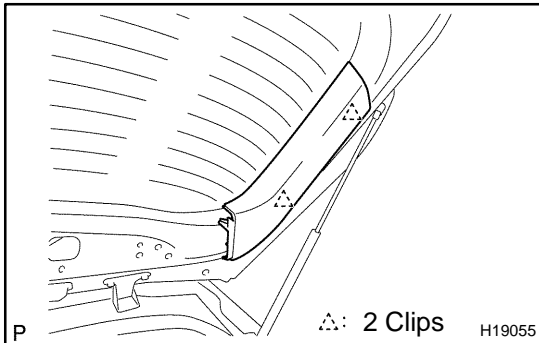
## REMOVAL

### 1. REMOVE BACK DOOR TRIM BOARD UPPER

Using a screwdriver, remove the back door trim board upper.

HINT:

Tape the screwdriver tip before use.



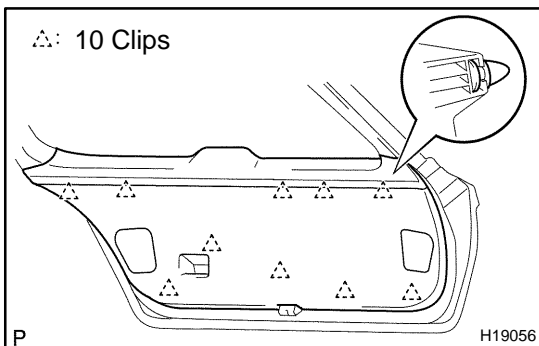
### 2. REMOVE BACK DOOR TRIM COVERS

- Insert a screwdriver between the back door panel and back door trim cover to pry the cover.

HINT:

Tape the screwdriver tip before use.

- Employ the same manner described above to the other side.

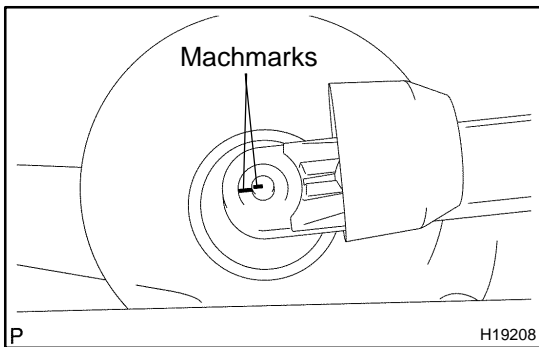


### 3. REMOVE BACK DOOR TRIM BOARD

- Remove the clip and back door handle.
- Using a screwdriver, remove the back door trim board.

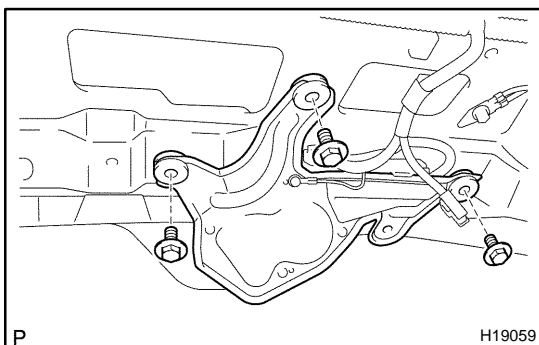
HINT:

Tape the screwdriver tip before use.



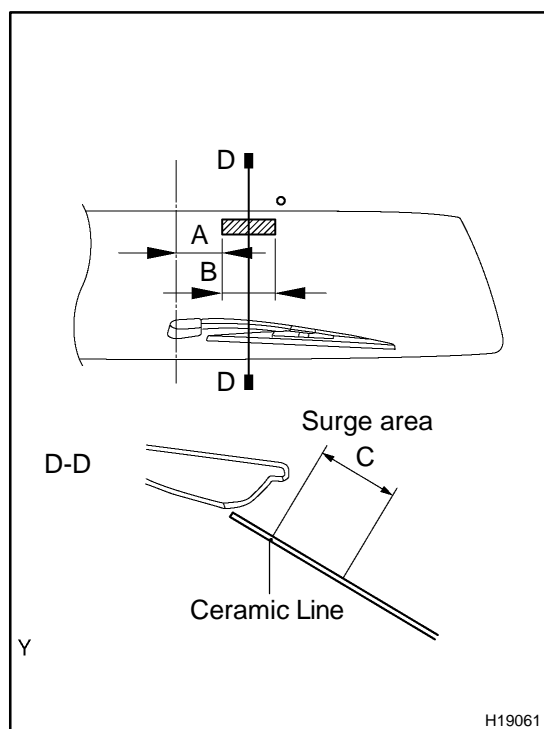
### 4. REMOVE REAR WIPER ARM

- Open the wiper arm cover.
- Place matchmarks on the wiper arm and wiper motor.
- Remove the nut and rear wiper arm.



### 5. REMOVE REAR WIPER MOTOR

- Remove the nut and washer on the outer side of the back door panel.
- Disconnect the connector.
- Remove the 3 bolts and rear wiper motor.



## INSPECTION

### INSPECT WASHER NOZZLE

- (a) While operating the washer, check whether the upper point where the washer fluid hits the back door glass and the surge area are within the range indicated by the hatched line.

**A: 88 mm (3.46 in.)**

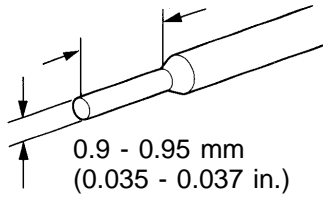
**B: 100 mm (3.94 in.)**

**C: 55 mm (2.17 in.)**

- (b) Check if the lower point where the washer fluid hits the back door glass is within the range of the wiping pattern (the are of the glass which is wiped by the wiper blades).



2 - 2.5 mm  
(0.079 - 0.098 in.)

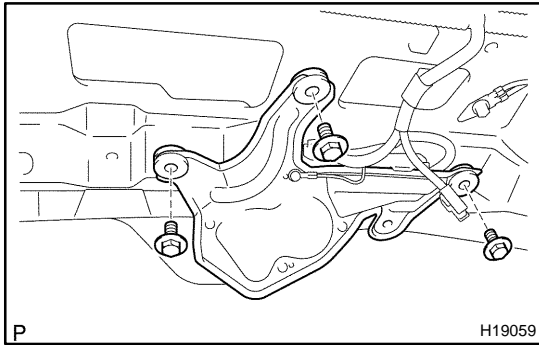


BE3367

## ADJUSTMENT

### ADJUST WASHER NOZZLE

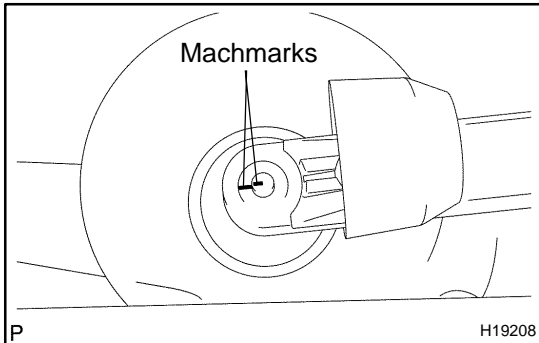
Using a tool like the one shown in the illustration, change the direction of the nozzle hole to adjust the point where washer fluid hits the back door glass.



## INSTALLATION

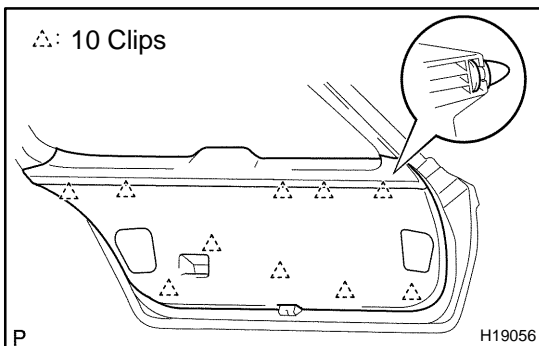
### 1. INSTALL REAR WIPER MOTOR

- Install the rear wiper motor with the 3 bolts.  
**Torque: 5.5 N·m (56 kgf·cm, 49 in.-lbf)**
- Connect the connector.
- Install the nut and washer on the outer side of the back door panel.  
**Torque: 12 N·m (122 kgf·cm, 9 ft-lbf)**



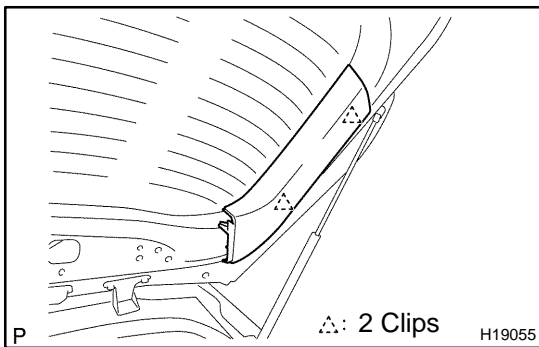
### 2. INSTALL REAR WIPER ARM

- Install the wiper arm and tighten the nut by hand. Operate the wiper once and turn the wiper switch OFF.
- Align the machmarks on the wiper arm and wiper motor.
- Install the rear wiper arm with the nut.  
**Torque: 5.5 N·m (56 kgf·cm, 49 in.-lbf)**
- Install the wiper arm cover.



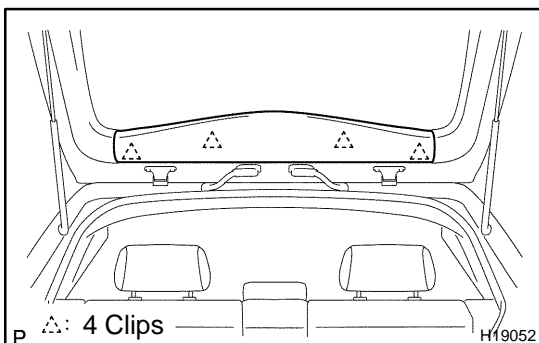
### 3. INSTALL BACK DOOR TRIM BOARD

- Install the back door trim board to the back door panel.
- Install the back door handle with the clip.



### 4. INSTALL BACK DOOR TRIM COVERS

Install the trim covers to the body.

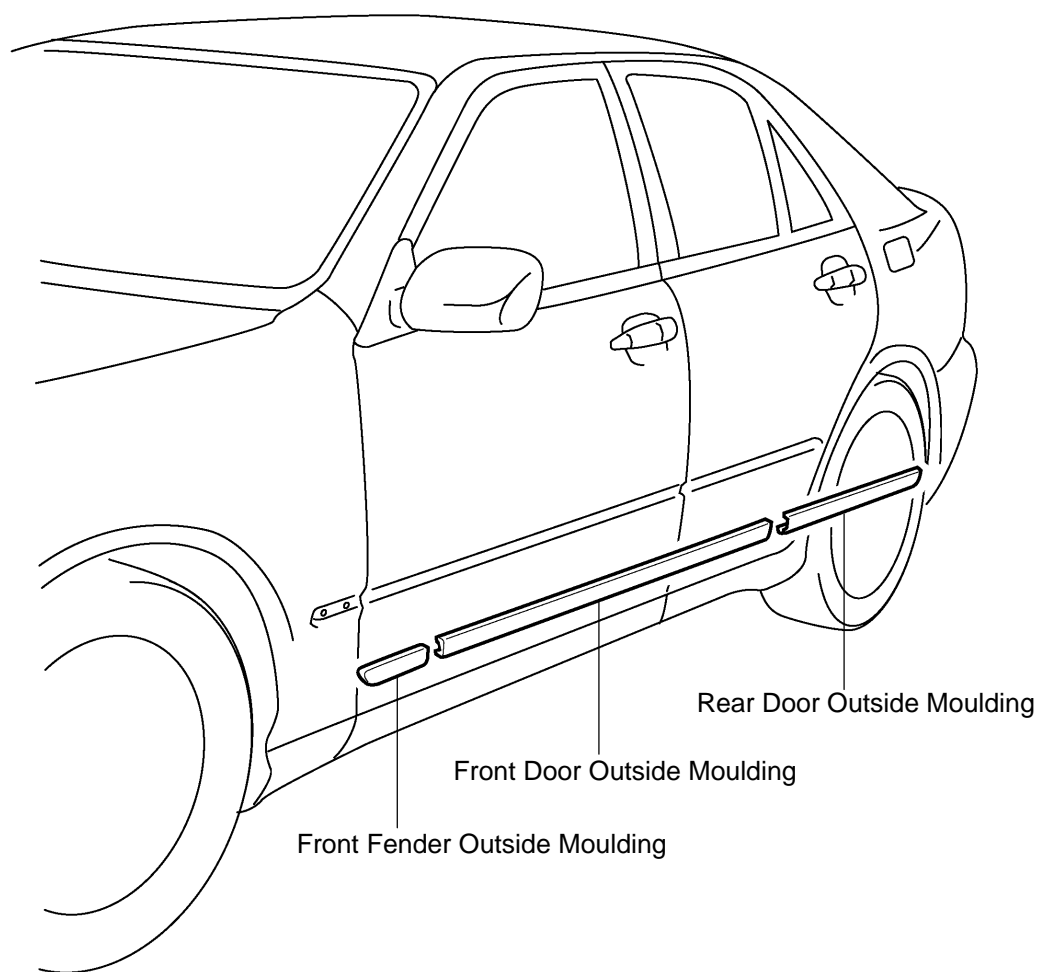


### 5. INSTALL BACK DOOR TRIM BOARD UPPER

Install the back door trim board upper to the body.

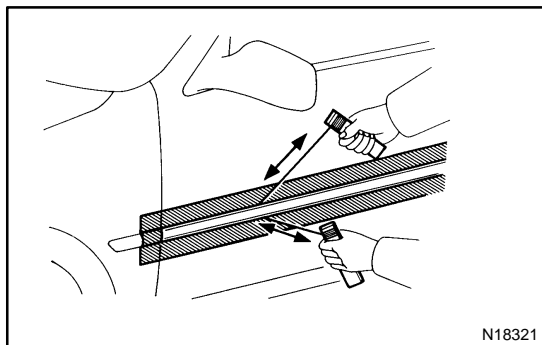
## BODY OUTSIDE MOULDING COMPONENTS

BO229-05



T

H15794



## REMOVAL

### 1. HEAT MOULDING

Using a heat light, heat the moulding to 20 - 30 °C (68 - 86 °F).

#### NOTICE:

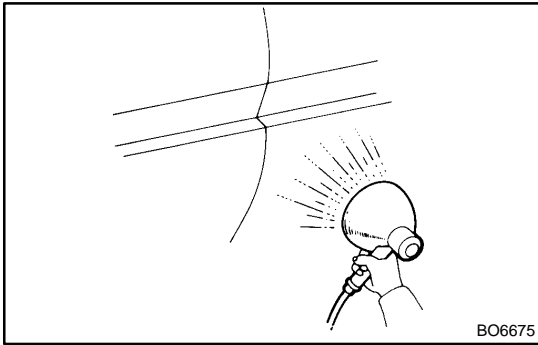
**Do not heat the moulding excessively.**

### 2. REMOVE MOULDING

- (a) Tie both piano wire ends to wooden blocks or similar objects.
- (b) Cut the adhesive tape by pulling the piano wire as shown in the illustration.

#### NOTICE:

- **If reusing the moulding, take care not to damage the moulding.**
  - **Do not damage the body.**
- (c) Remove the moulding.



## INSTALLATION

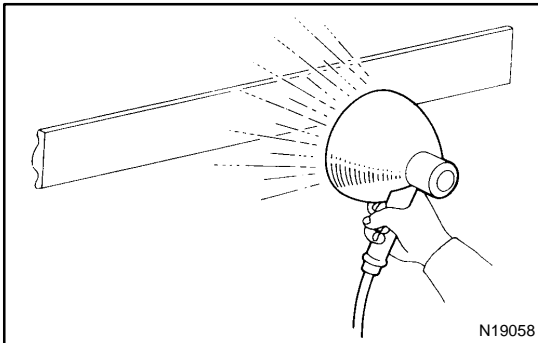
### 1. CLEAN BODY MOUNTING SURFACE

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

#### NOTICE:

**Do not heat the body excessively.**

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



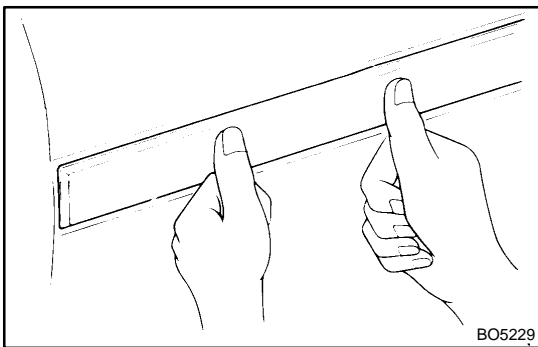
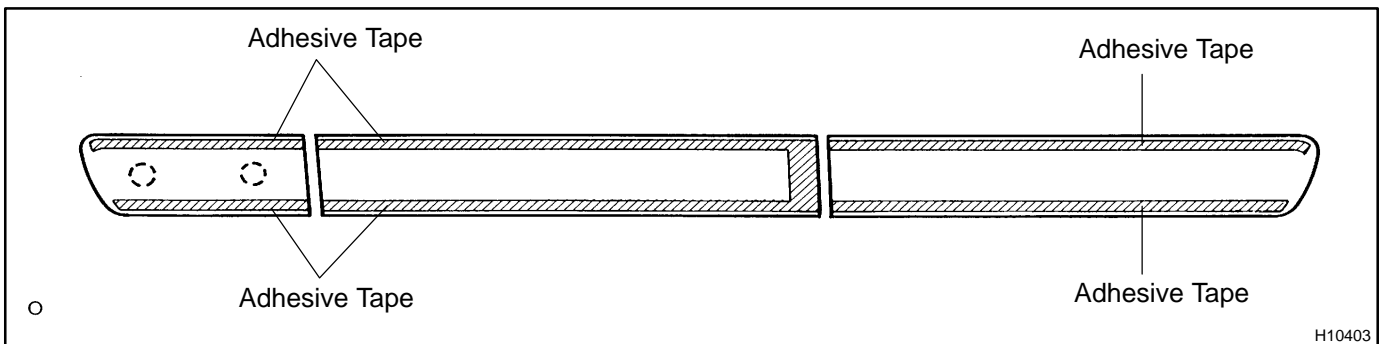
### 2. If reusing the moulding: CLEAN MOULDING

- (a) Using a heat light, heat the moulding to 20 - 30 °C (68 - 86 °F).

#### NOTICE:

**Do not heat the moulding excessively.**

- (b) Remove the adhesive tape from the moulding.  
(c) Wipe off stains with cleaner.  
(d) Apply a new adhesive tape to the moulding as shown in the illustration.



### 3. INSTALL MOULDING

- (a) 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 the moulding excessively.**

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

#### NOTICE:

**Before installing the moulding release sheet, make sure that there is no dirt or dust can get on the adhesive surface of the moulding.**

- (c) Front fender outside moulding:  
Align the bosses with their corresponding holes in the body, and press firmly on the moulding.

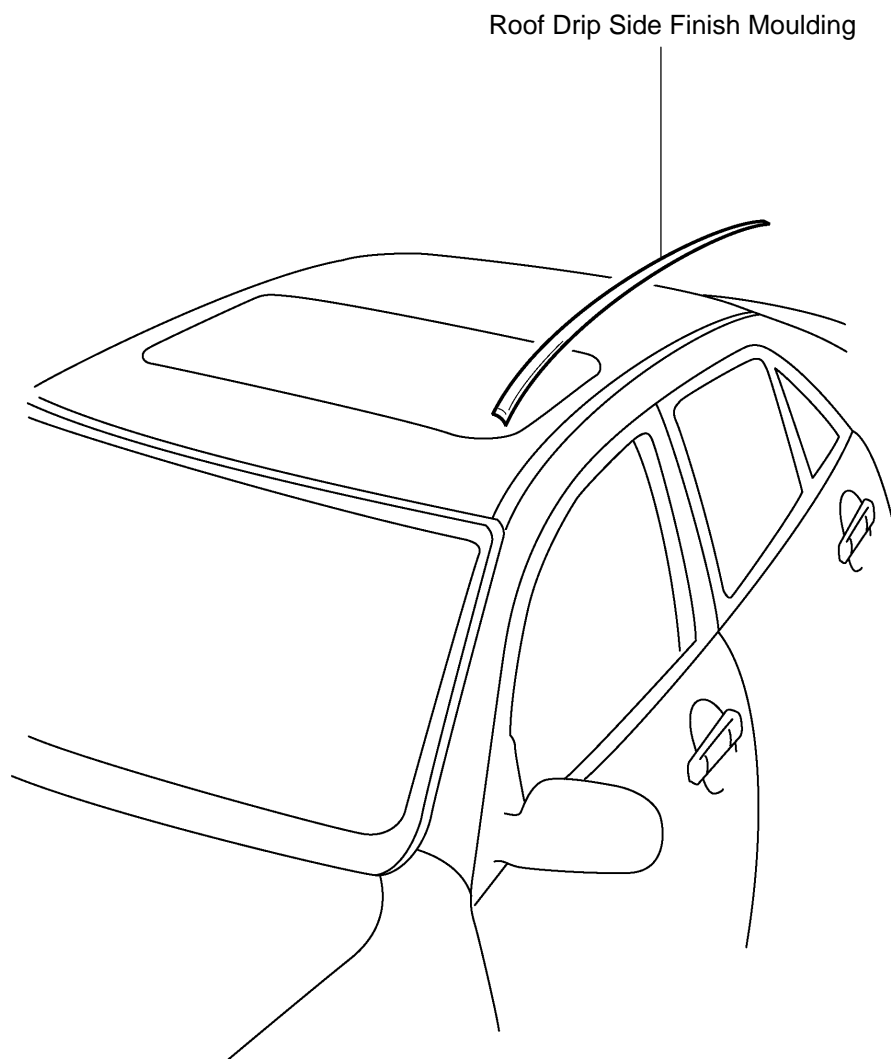
#### NOTICE:

**Do not apply excessive force on to the moulding, but steady pressure with thumbs.**

## ROOF DRIP SIDE FINISH MOULDING (Sedan)

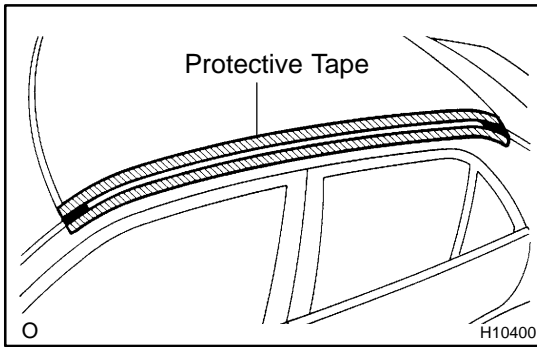
### COMPONENTS

B04DF-01



T

H10544



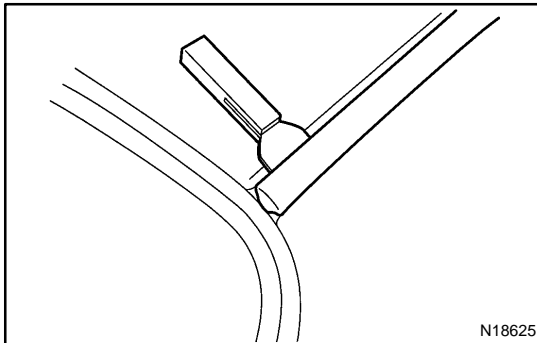
## REMOVAL

### 1. REMOVE ENDS OF MOULDING

- (a) Apply protective tape to the outer surface as shown in the illustration to keep the surface from being scratched.
- (b) Using a heat light, heat the moulding to 20 - 30 °C (68 - 86 °F).

#### NOTICE:

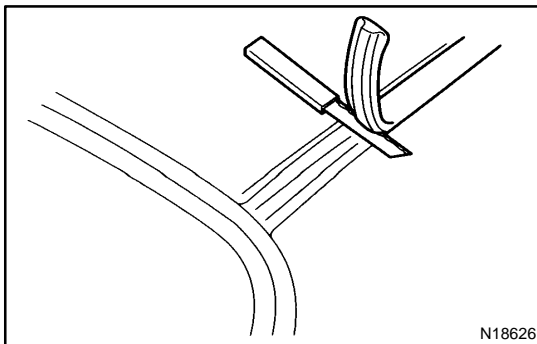
**Do not heat the moulding excessively.**



- (c) Using a scraper, pull off the roof drip side finish moulding from the front end and rear end.

#### HINT:

Tape the scraper tip before use.



### 2. REMOVE MOULDING AND ADHESIVE

- (a) Pull off the moulding by cutting the adhesive with a knife at the front and rear ends.
- (b) Remove the moulding.

#### NOTICE:

**Do not damage the body with the knife.**

## INSTALLATION

### 1. CLEAN CONTRACT SURFACE OF BODY

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

#### NOTICE:

**Do not heat the body excessively.**

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

#### NOTICE:

**Be careful not to damage the body.**

- (c) Wipe off stains with cleaner.

### 2. If reusing the moulding:

#### CLEAN MOULDING

- (a) Using a heat light, heat the moulding surface to 20 - 30 °C (68 - 86 °F).

#### NOTICE:

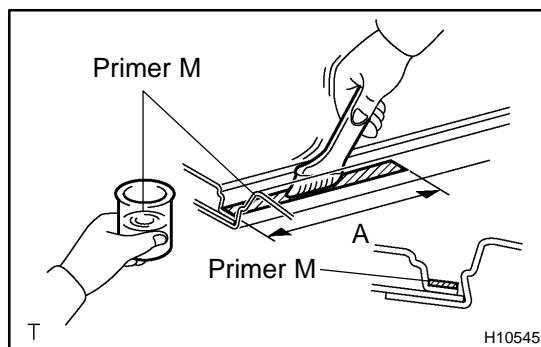
**Do not heat the moulding excessively.**

- (b) Using a knife, cut the remaining adhesive from the moulding.

#### NOTICE:

**Be careful not to damage the moulding.**

- (c) Wipe off stains with cleaner.



### 3. COAT CONTRACT SURFACE OF BODY WITH PRIMER "M"

Using a brush, coat the contact surface on the body with Primer M as shown in the illustration.

#### Front end:

**A: 40 mm (1.57 in.)**

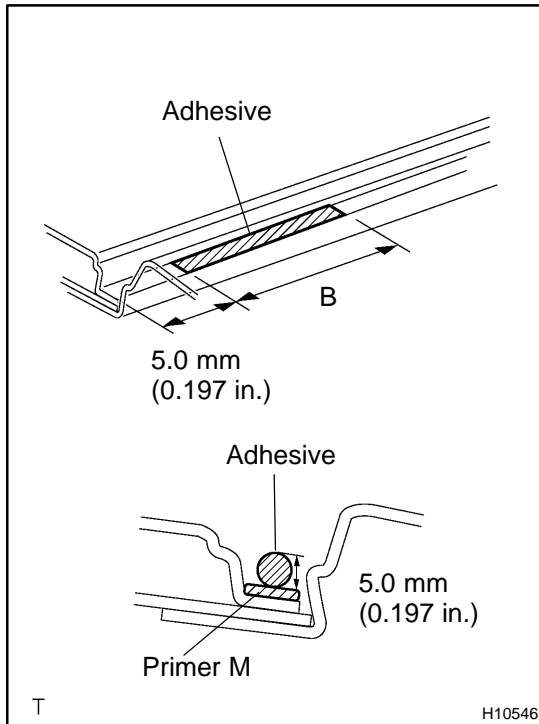
#### Rear end:

**A: 35 mm (1.38 in.)**

#### NOTICE:

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





#### 4. APPLY ADHESIVE

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

**Part No. 08850-00801 or equivalent**

##### HINT:

After cutting off the tip, finish off adhesive within the time described in the chart 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) Apply adhesive to the hatched area in the illustration for both front and rear of the vehicle.

##### Front end:

**B: 30 mm (1.18 in.)**

##### Rear end:

**B: 25 mm (0.98 in.)**

##### HINT:

When removing the moulding, apply adhesive thoroughly to the part where the body sealer is removed.

#### 5. INSTALL MOULDING

Push the moulding to the body.

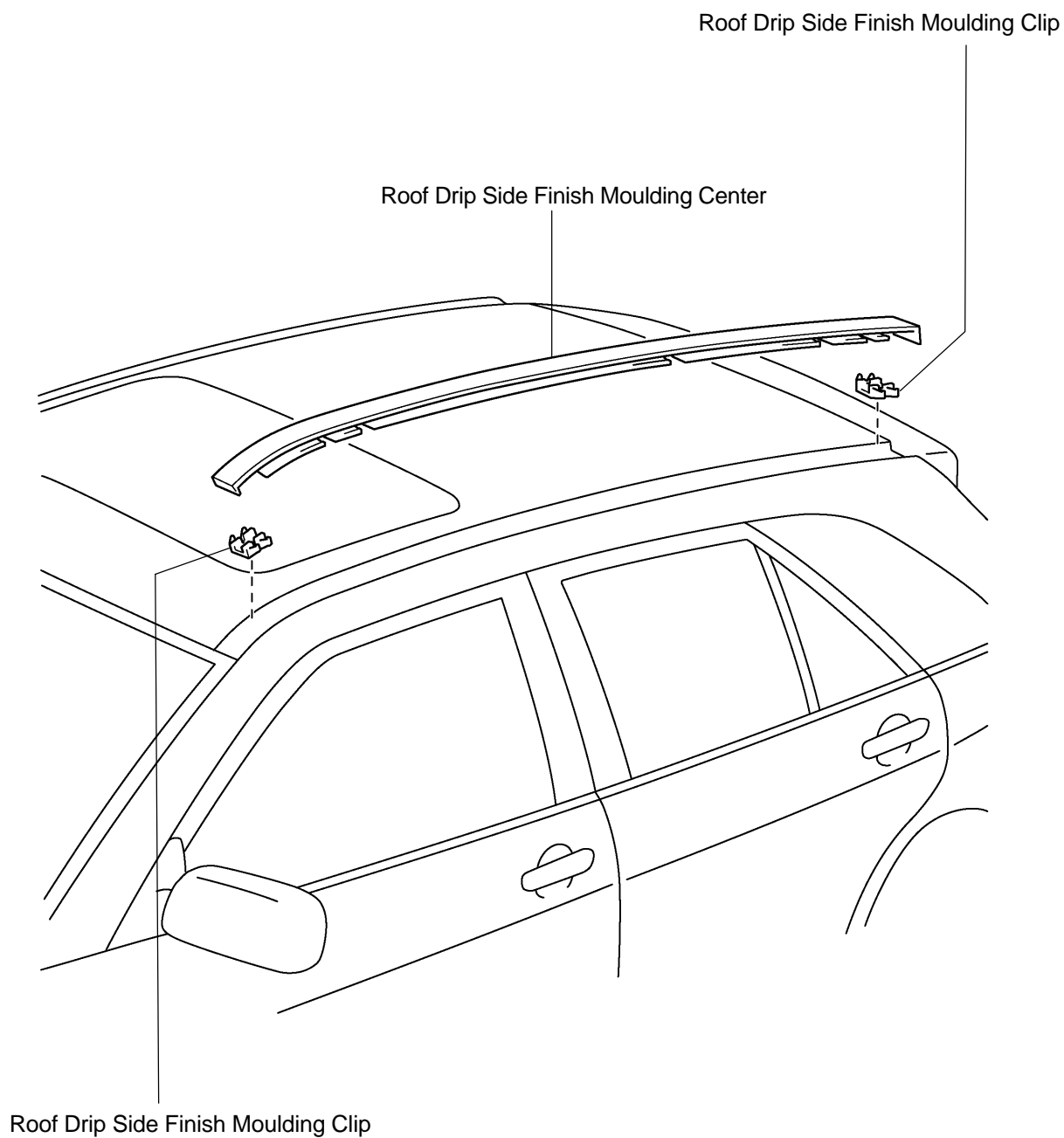
##### NOTICE:

- Make sure that the body and moulding are heated to the proper temperature.
- 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.
- Take care not to drive the vehicle during the time described in the chart 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                                  |

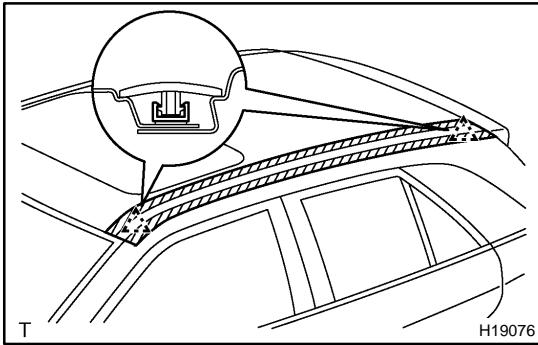
# ROOF DRIP SIDE FINISH CENTER MOULDING (Wagon) COMPONENTS

B04DI-01



T

H19075



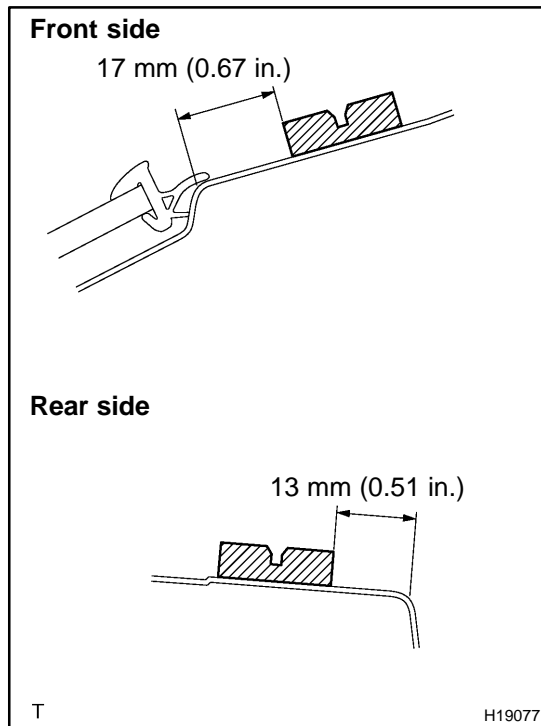
## REMOVAL

### REMOVE ROOF DRIP SIDE FINISH MOULDING CENTER

- (a) Tape around the moulding for protection.
- (b) Using a remover for the roof moulding, release both clip engagements in the front end and the rear ends of the moulding, and then remove the roof drip side finish moulding.

#### NOTICE:

- Do not remove the clips.
- In case that the clips are damaged or removed accidentally, replace them with new ones.



## INSTALLATION

### 1. INSTALL ROOF DRIP SIDE FINISH MOULDING CLIP

#### NOTICE:

**Only when exchanging the clips.**

- Remove the adhesive tape that remains on the moulding surface of the body, and then clean the surface with white gasoline.
- Heat up the moulding and its installation surfaces on the body with a heat light.

**Body: 40 - 60°C (104 - 140°F)**

**Moulding: 20 - 30°C (68 - 86°F)**

#### NOTICE:

**Do not heat the moulding excessively.**

- Set the supplied clips into the positions as shown in the illustration, and press-fit those clips by hand to install them.
- The installation of the moulding should be carried out 30 minutes or more after press-fitting the clips.

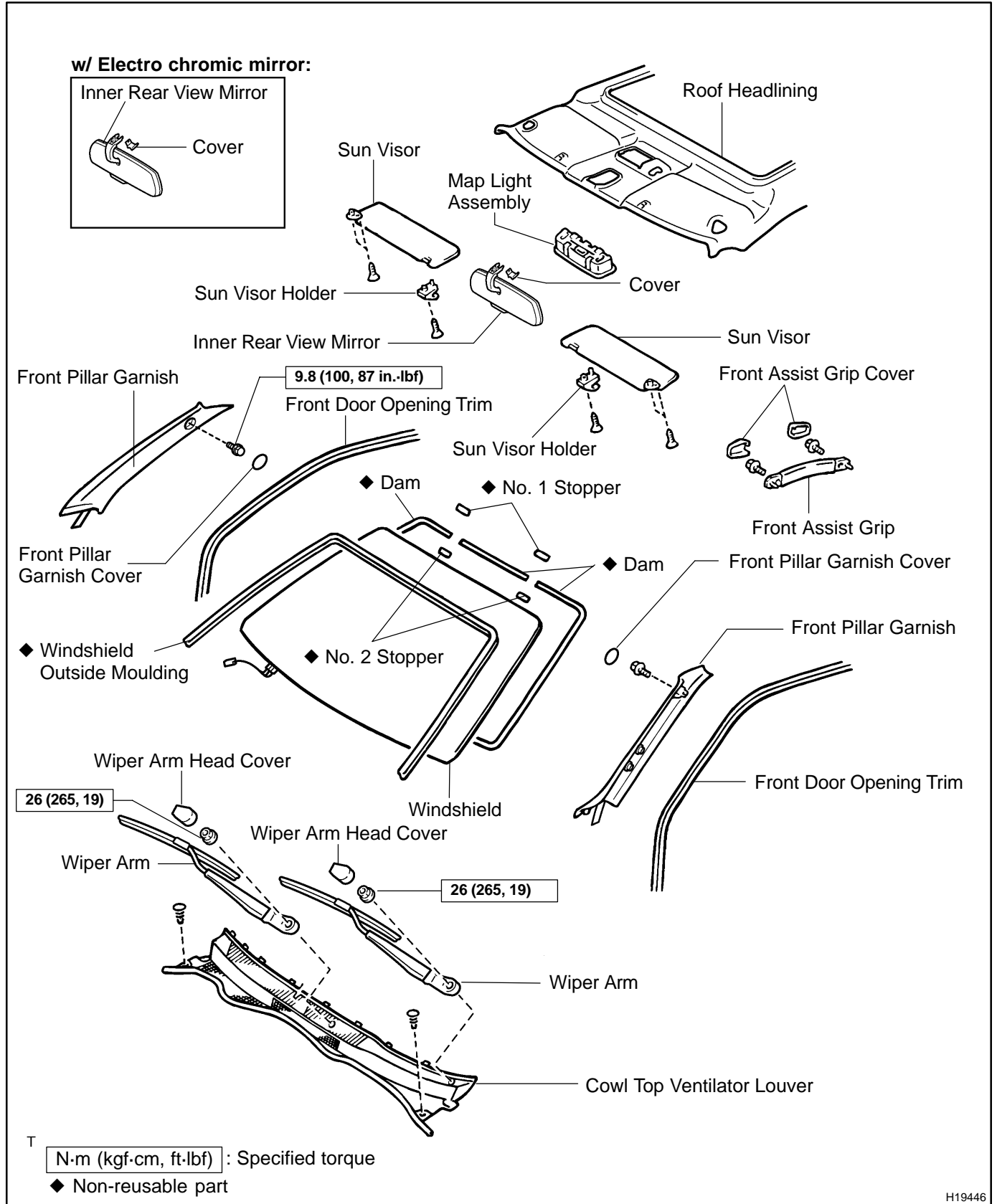
#### HINT:

- Initial hardening time: 30 minutes
- Perfect hardening time: 24 hours

### 2. INSTALL MOULDING

# WINDSHIELD COMPONENTS

BO22F-08

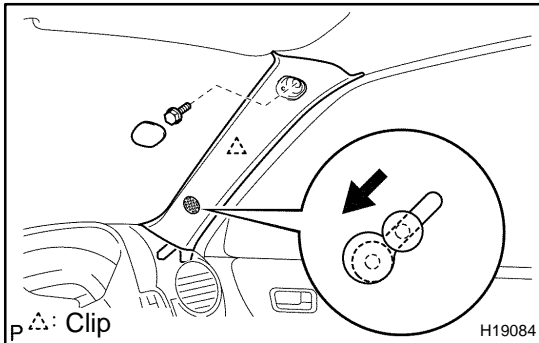


## REMOVAL

### HINT:

A bolt without a torque specification is shown in the standard bolt chart. (see page [SS-2](#))

### 1. REMOVE FRONT PART OF FRONT DOOR OPENING TRIMS



### 2. REMOVE FRONT PILLAR GARNISH

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

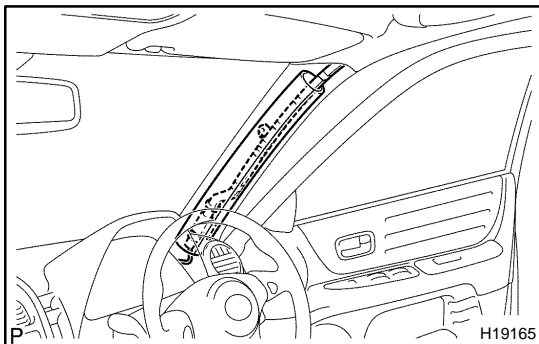
### HINT:

Tape the screwdriver tip before use.

(b) Remove the bolt.

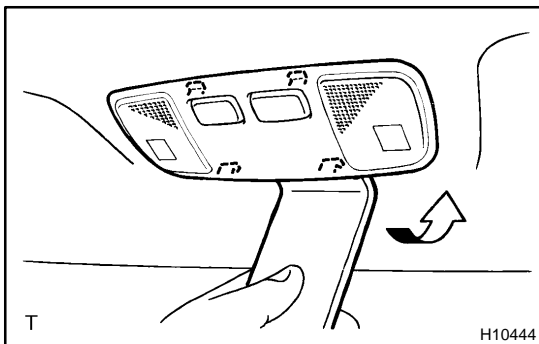
(c) Using a screwdriver, remove the front pillar garnish.

(d) Remove the bolt.



(e) Pack the airbag with protection cover.

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

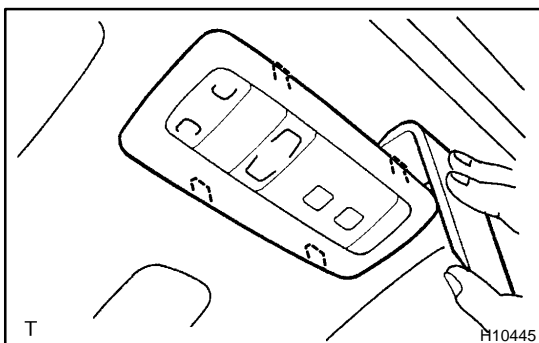


### 3. w/o Sliding roof:

#### REMOVE MAP LIGHT ASSEMBLY

(a) Using a moulding remover, remove the lens.

(b) Remove the 2 screws and the map light assembly, then disconnect the connectors.



### 4. w/ Sliding roof:

#### REMOVE MAP LIGHT ASSEMBLY

(a) Using a moulding remover, remove the cover.

(b) Remove the 2 screws and the map light assembly.

(c) Disconnect the connectors.

### 5. REMOVE SUN VISORS

(a) Remove the 2 screws and sun visor, then disconnect the connector.

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

**6. REMOVE SUN VISOR HOLDERS**

Remove the 2 screws and sun visor holders.

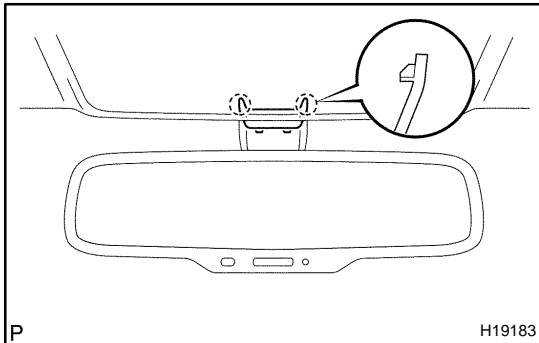
**7. REMOVE FRONT ASSIST GRIP**

(a) Using a screwdriver, remove the front assist grip covers.

HINT:

Tape the screwdriver tip before use.

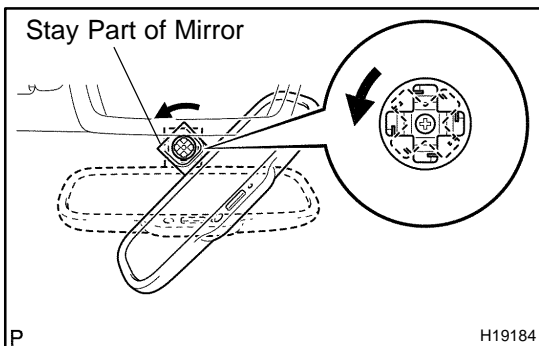
(b) Remove the 2 bolts and assist grip.

**8. REMOVE INNER REAR VIEW MIRROR**

(a) Using a screwdriver, remove the inner rear view mirror stay holder cover.

HINT:

Tape the screwdriver tip before use.



(b) w/ electro chromic inner mirror:

Disconnect the connector.

(c) Remove the mirror assembly by turning the stay part of the mirror counterclockwise.

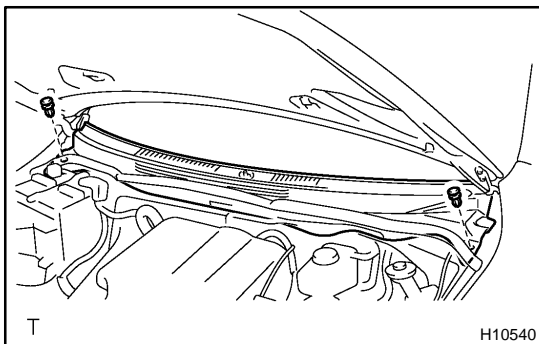
**9. REMOVE WIPER ARMS**

(a) Using a screwdriver, remove the 2 wiper arm head covers.

HINT:

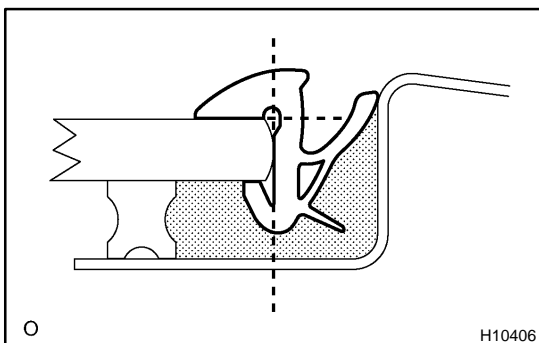
Tape the screwdriver tip before use.

(b) Remove the 2 nuts and 2 wiper arms.

**10. REMOVE COWL TOP VENTILATOR LOUVER**

(a) Remove the hood to cowl top seal.

(b) Remove the 2 clips and cowl top ventilator louver.

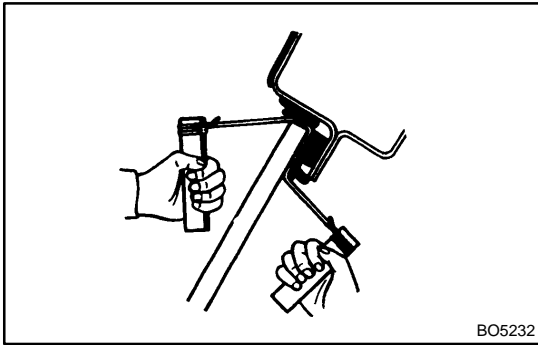
**11. PULL DOWN FRONT PART OF ROOF HEADLINING****12. REMOVE WINDSHIELD OUTSIDE MOULDING**

(a) Using a knife, cut off the moulding as shown in the illustration.

**NOTICE:**

**Do not damage the body with the knife.**

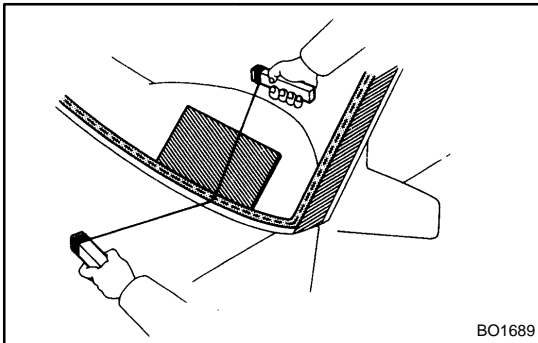
(b) Remove the remaining moulding.

**13. REMOVE WINDSHIELD GLASS**

- (a) Push piano wire through between the body and glass from the interior.
- (b) Tie both wire ends to wooden blocks or similar objects.
- (c) w/ Front window defogger:  
Disconnect the connector.

**NOTICE:**

**Be careful not to damage the wire harness.**



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

**NOTICE:**

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

**HINT:**

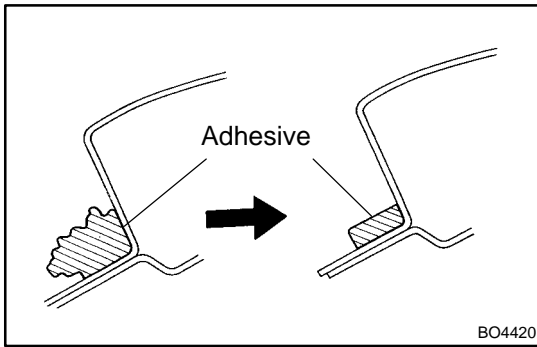
Apply protective tape to the outer surface to keep the surface from being scratched.

- (e) Remove the glass.

**NOTICE:**

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





## INSTALLATION

### 1. CLEAN AND SHAPE CONTACT SURFACE OF BODY

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

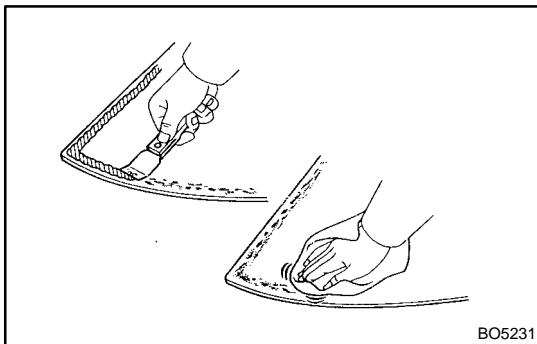
HINT:

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 soaked with cleaner.

HINT:

Even if all the adhesive has been removed with knife, clean the body with the shop rag.

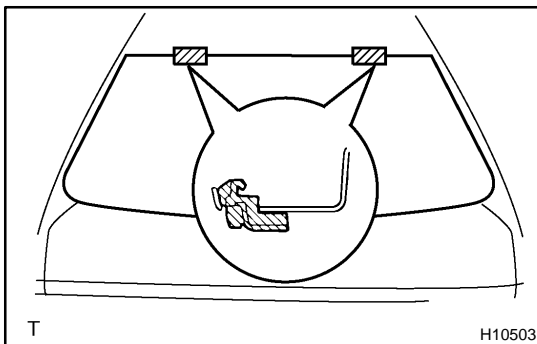


### 2. CLEAN REMOVED GLASS

- (a) Remove the damaged No. 2 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. REPLACE NO. 1 STOPPERS

- (a) Remove the damaged stoppers.  
(b) Cut off the old adhesive around the stoppers installation area.

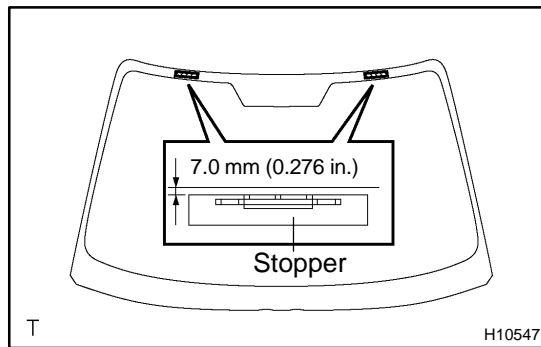
**NOTICE:**

**Be careful not to damage the body.**

- (c) Clean the installation area.  
(d) Attach new stoppers to the body with the notches on the body aligned with the stoppers as shown in the illustration.

HINT:

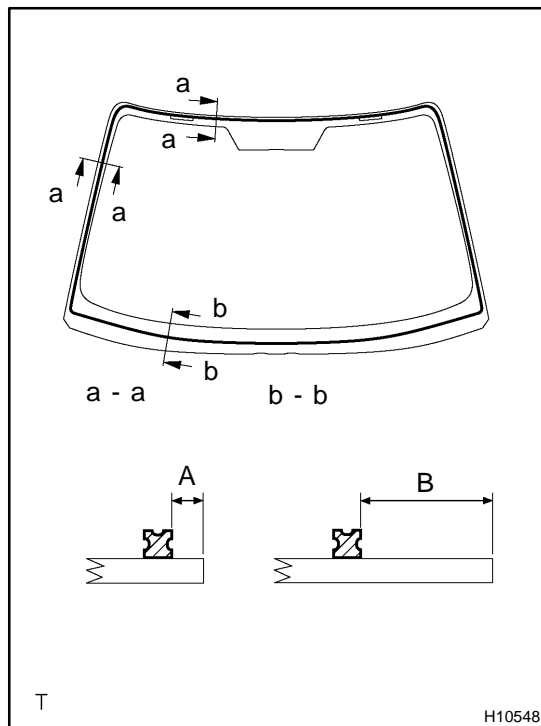
Make sure that the stoppers are installed in the correct direction.



#### 4. INSTALL NEW NO. 2 STOPPERS

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

Make sure that the stoppers are installed in the correct direction.

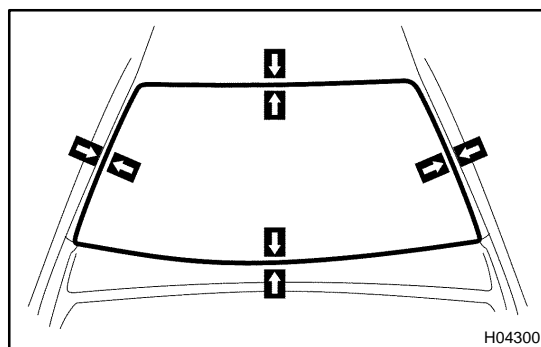


#### 5. INSTALL NEW DAMS

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

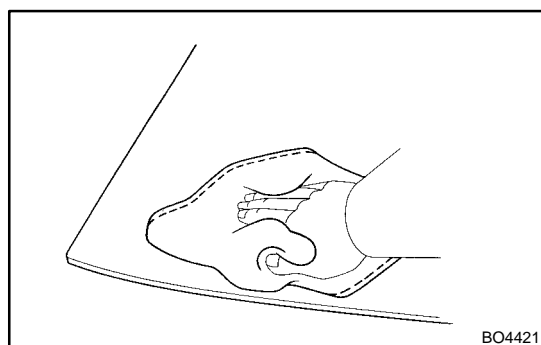
**A: 7.0 mm (0.276 in.)**

**B: 35.9 mm (1.413 in.)**



#### 6. POSITION GLASS

- Place the glass in the correct position.
- Check that all contacting parts of the glass rim are perfectly even.
- Place reference marks between the glass and body.
- Remove the glass.

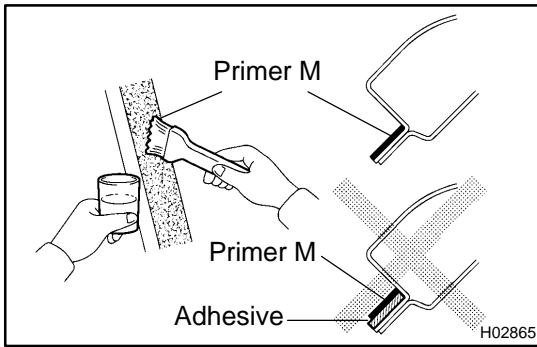


#### 7. CLEAN CONTACT SURFACE OF GLASS

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.**

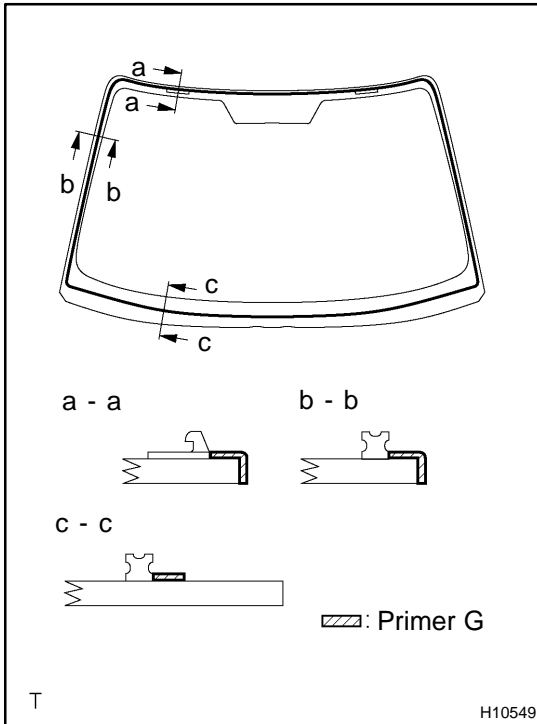


## 8. COAT CONTACT SURFACE OF BODY WITH PRIMER "M"

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.

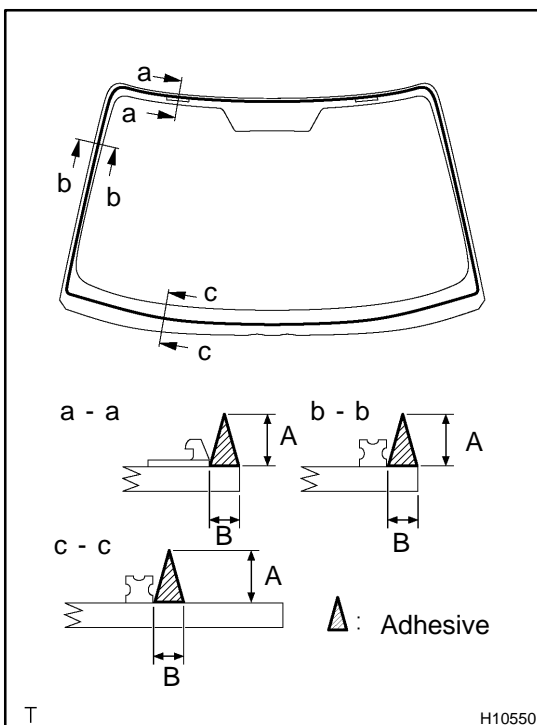


## 9. COAT CONTACT SURFACE OF GLASS WITH PRIMER "G"

- Using a brush or sponge, coat the edge of the glass and the contact surface with Primer G as shown in the illustration.
- When the primer is coated wrongly to the area other than the specified by accident, wipe it off with a clean shop rag before the primer dries.

### 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

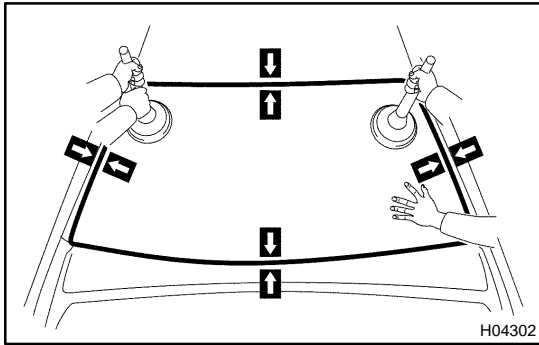
- Cut off the tip of the cartridge nozzle.  
**Part No. 08850-00801 or equivalent**

### HINT:

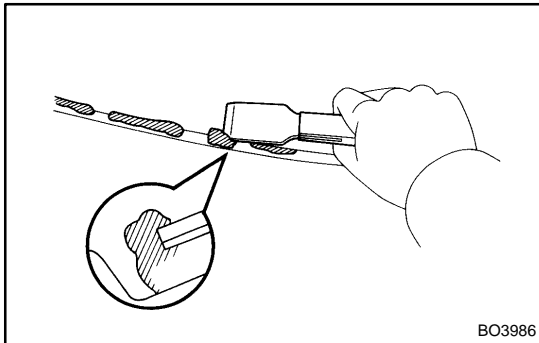
After cutting off the tip, finish off the adhesive within the time described in the table below.

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

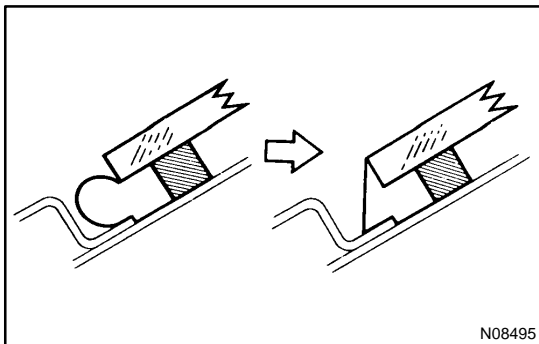
- Load the cartridge into the sealer gun.
- Coat the glass with adhesive as shown in the illustration.  
**A: 12.5 mm (0.492 in.)**  
**B: 8.0 mm (0.315 in.)**

**11. INSTALL GLASS**

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



- (c) Use a scraper to remove any excess or protruding adhesive.

**HINT:**

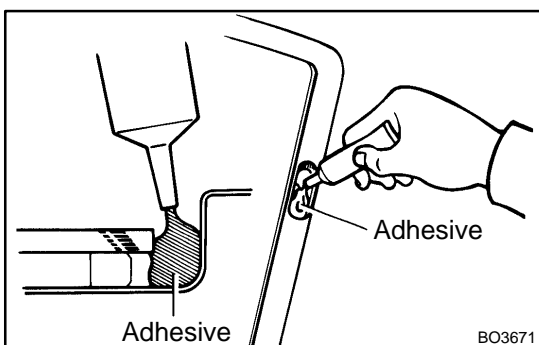
Confirm that the dam is attached to the body panel as shown in the illustration.

- (d) Hold the windshield glass in place securely with a protective tape or equivalent until the adhesive hardens.

**NOTICE:**

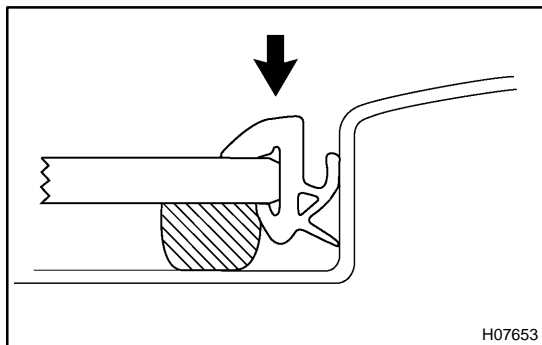
**Take care not to drive the vehicle during the time described in the table below.**

| 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. 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**

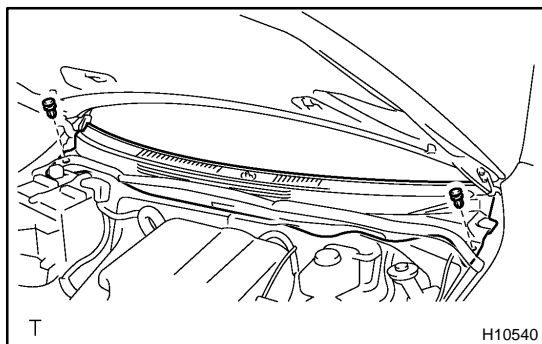
**13. INSTALL WINDSHIELD OUTSIDE MOULDING**

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

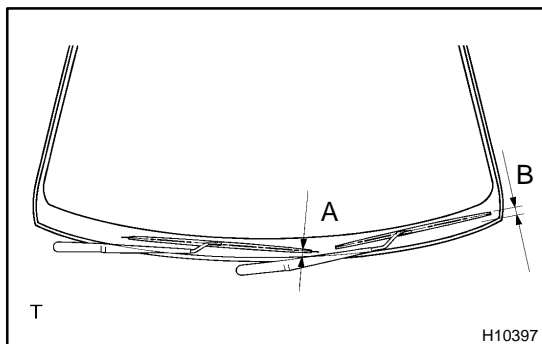
**14. INSPECT FOR LEAK AND REPAIR**

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

**Part No. 08833-00030 or equivalent**

**15. INSTALL FRONT PART OF ROOF HEADLINING****16. INSTALL COWL LOUVER**

- (a) Install the cowl louver with the 2 clips.
- (b) Install the hood to cowl top seal.

**17. INSTALL WIPER ARMS**

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

**A: 20.0 mm (0.787 in.)**

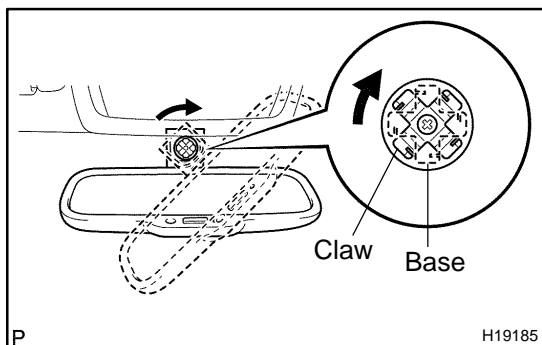
**B (Europe models): 25.0 mm (0.984 in.)**

**B (Australia models): 28.0 mm (1.102 in.)**

- (d) Install the 2 wiper arms with the 2 nuts.

**Torque: 26 N·m (265 kgf-cm, 19 ft-lbf)**

- (e) Install the 2 wiper arm head covers.

**18. REMOVE ELECTRO CHROMIC INNER MIRROR**

- (a) Match the claw part of the mirror with a cut part of the base.
- (b) Turn the stay part of the mirror clockwise so that the stay comes to the original position, and then install the mirror assembly.
- (c) w/ Electro chromic inner mirror:  
Connect the inner rear view mirror connector.

**19. INSTALL FRONT ASSIST GRIP**

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

**20. INSTALL SUN VISOR HOLDERS**

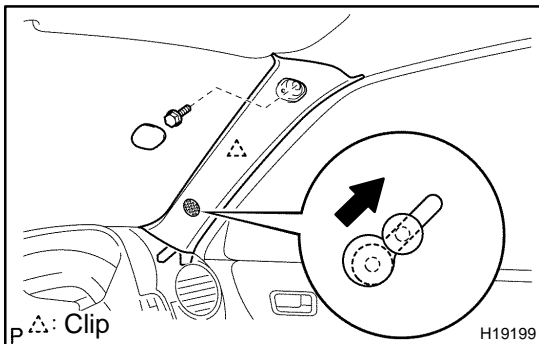
Install the sun visor holders with the 2 screws.

**21. INSTALL SUN VISORS**

Connect the connectors, then install the sun visors with the 4 screws.

**22. INSTALL MAP LIGHT ASSEMBLY**

- (a) Connect the connectors.
- (b) Install the map light assembly with the 2 screws.
- (c) w/o Sliding roof:  
Install the lens.
- (d) w/ Sliding roof:  
Install the cover.

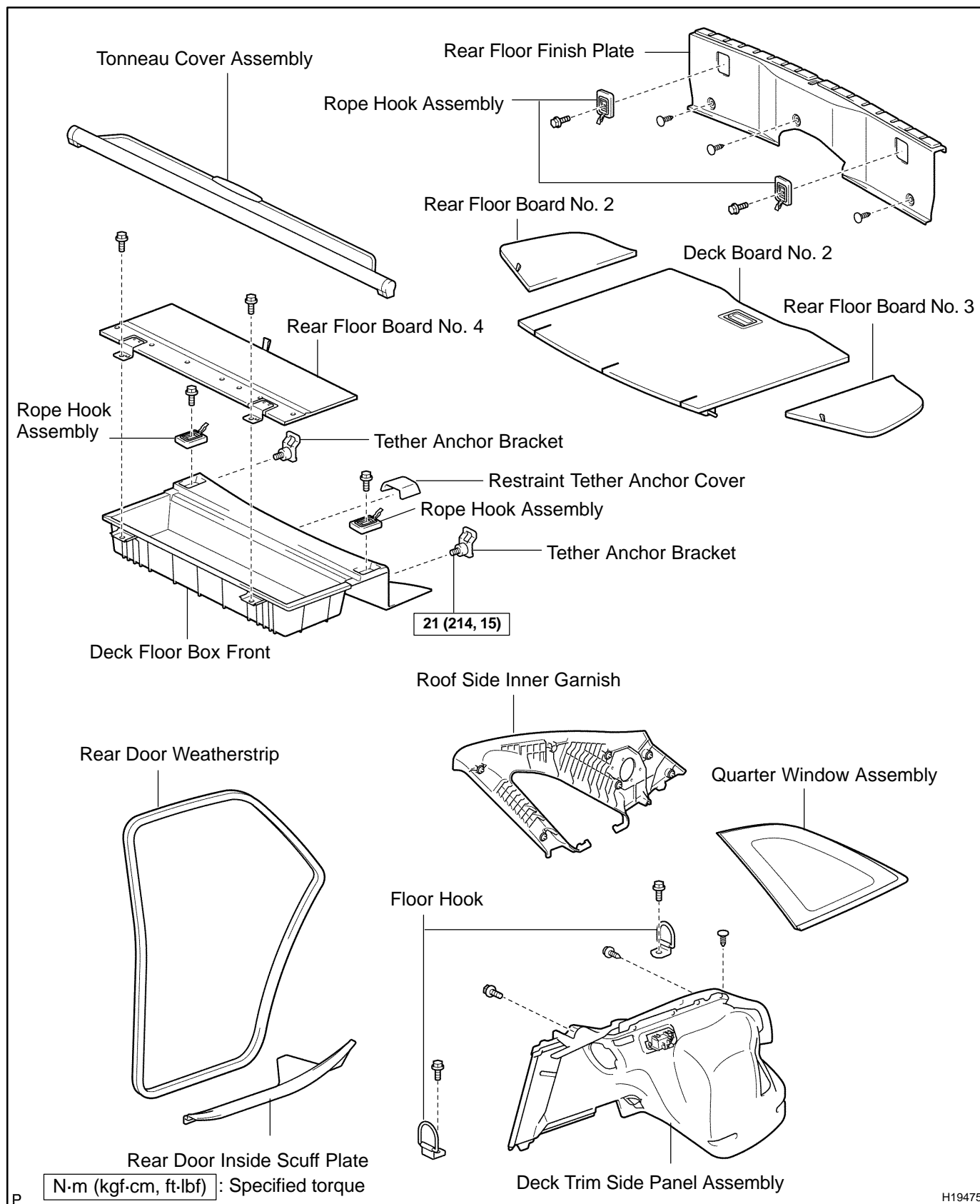
**23. INSTALL FRONT PILLAR GARNISH**

- (a) Remove the protection cover.
- (b) Install the bolt.  
**Torque: 9.8 N·m (100 kgf·cm, 87 in.-lbf)**
- (c) Install the front pillar garnish to the body.
- (d) Install the bolt.
- (e) Install the front pillar garnish cover.
- (f) Employ the same manner described above to the other side.

**24. INSTALL FRONT PART OF FRONT DOOR OPENING TRIMS**

# QUARTER WINDOW GLASS COMPONENTS

B04DM-02



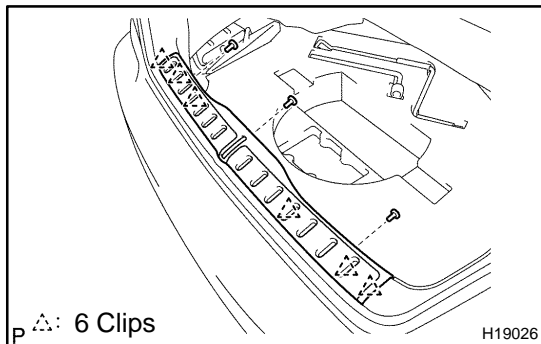
H19475

## REMOVAL

### HINT:

A bolt without a torque specification is shown in the standard bolt chart. (see page [SS-2](#) )

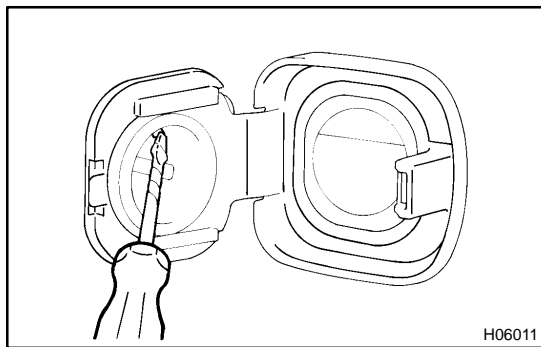
1. **REMOVE REAR SEAT CUSHION** (See page [BO-204](#) )
2. **REMOVE SIDE SEATBACK ASSEMBLY**  
(See page [BO-204](#) )
3. **REMOVE REAR SEAT FLOOR BOARD NO. 4**
  - (a) Remove the seat back board carpets.
  - (b) Remove the 2 bolts and rear floor board.
4. **REMOVE DECK FLOOR BOX FRONT**
  - (a) Remove the 2 bolts and the 2 rope hook assemblies.
  - (b) Remove the 2 bolts and 2 tether anchor brackets.
  - (c) Remove the restraint seat tether anchor cover.
  - (d) Remove the deck floor box front.
5. **REMOVE DECK BOARD NO. 2**
6. **REMOVE REAR FLOOR BOARD NO. 2**
7. **REMOVE REAR FLOOR BOARD NO. 3**
8. **REMOVE TONNEAU COVER ASSEMBLY**



9. **REMOVE REAR FLOOR FINISH PLATE**
  - (a) Remove the 2 bolts and the 2 rope hook assemblies.
  - (b) Remove the 3 clips.
  - (c) Using a screwdriver, remove the rear floor finish plate.

### HINT:

Tape the screwdriver tip before use.

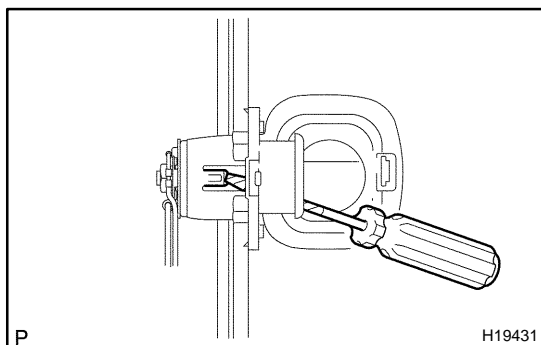


10. **RH side:**  
**REMOVE ACCESSORY SOCKET**

- (a) Using a screwdriver, disengage the claw on the accessory socket cover from the hole in the accessory socket, then pull out the accessory socket approx. 15 mm (0.59 in.).

### HINT:

Tape the screwdriver tip before use.



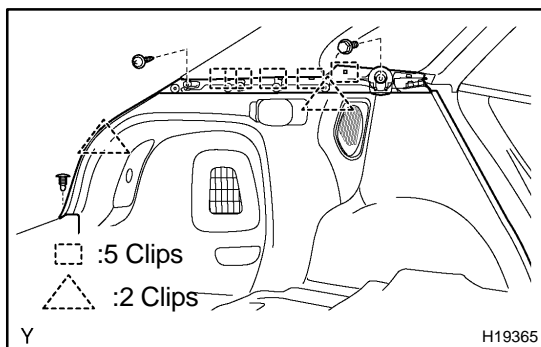
- (b) Using a screwdriver, disengage the claw on the accessory socket cover from the body and remove the accessory socket and cover as a unit.

### HINT:

Tape the screwdriver tip before use.

- (c) Disconnect the connector.
- (d) Disassemble the accessory socket from the socket cover.

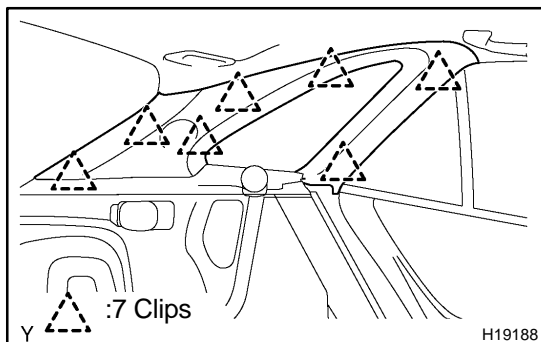


**11. REMOVE DECK TRIM SIDE PANEL ASSEMBLY**

- (a) Remove the 2 bolts and 2 floor hooks.
- (b) Remove the screw, bolt and clip.
- (c) Using a screwdriver, remove the deck trim side panel assembly, then disconnect the connector.

HINT:

Tape the screwdriver tip before use.

**12. REMOVE ROOF SIDE INNER GARNISH**

Using a screwdriver, remove the roof side inner garnish.

HINT:

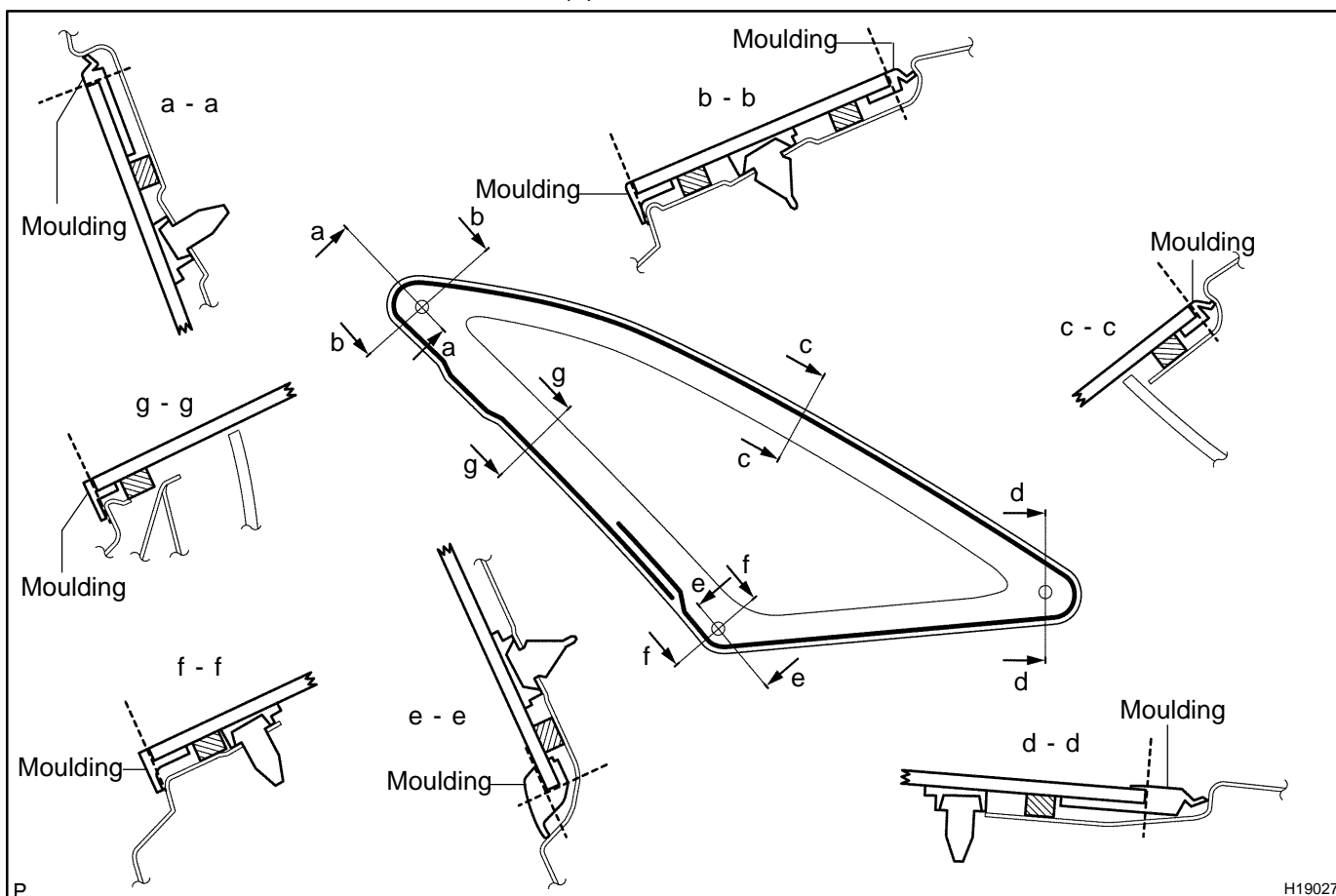
Tape the screwdriver tip before use.

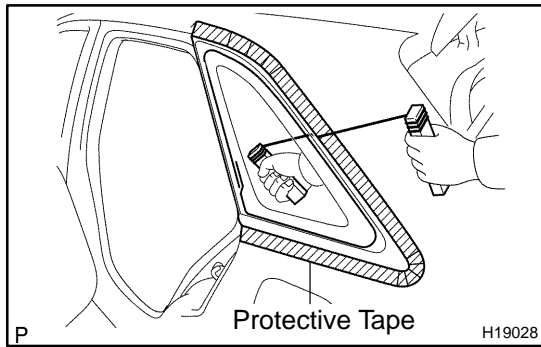
**13. REMOVE QUARTER WINDOW GLASS**

- (a) Using a knife, cut off the moulding as shown in the illustration.

**NOTICE:****Do not damage the body with a knife.**

- (b) Disconnect the connector.





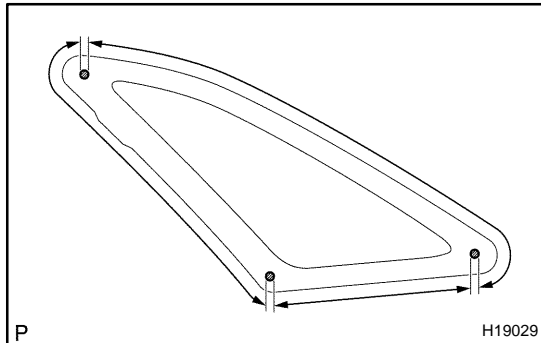
- (c) Push a piano wire through from the interior.
- (d) Tie both wire ends to wooden blocks or similar object.

HINT:

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

**NOTICE:**

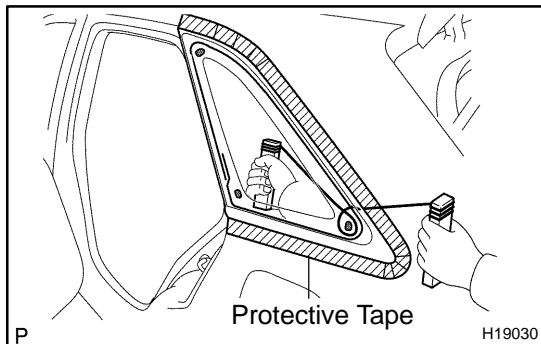
**When separating the glass, take care not to damage the paint and exterior.**



- (e) 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.

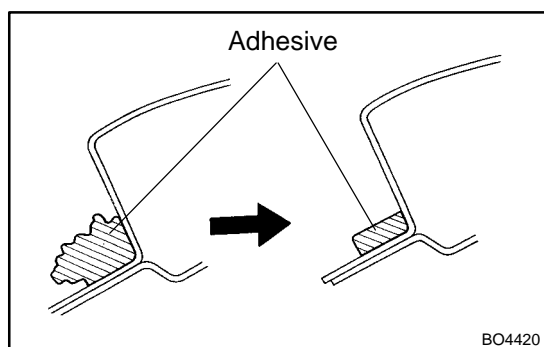


- (f) Push the piano wire through as shown in the illustration, and cut off the adhered part to the clips.

- (g) Remove the glass.

**NOTICE:**

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



## INSTALLATION

### 1. CLEAN AND SHAPE CONTACT SURFACE OF BODY PANEL

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

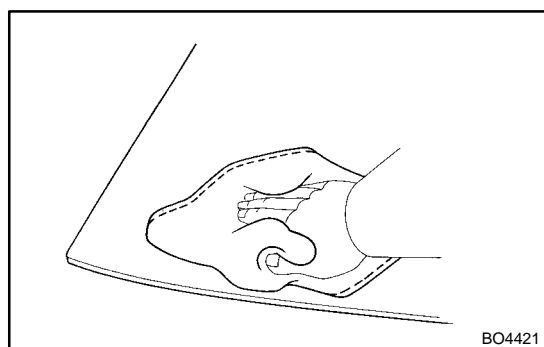
HINT:

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 soaked with cleaner.

HINT:

Even if all the adhesive has been removed with a knife, clean the body with the shop rag.

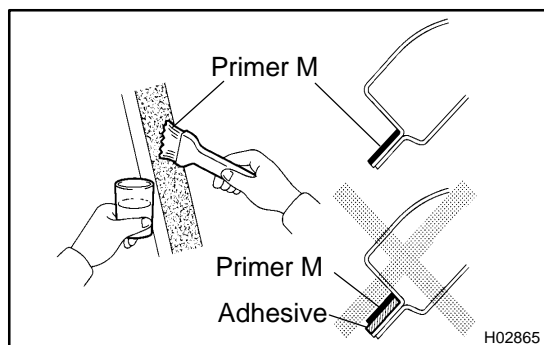


### 2. CLEAN CONTACT SURFACE OF GLASS

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.**



### 3. 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:**

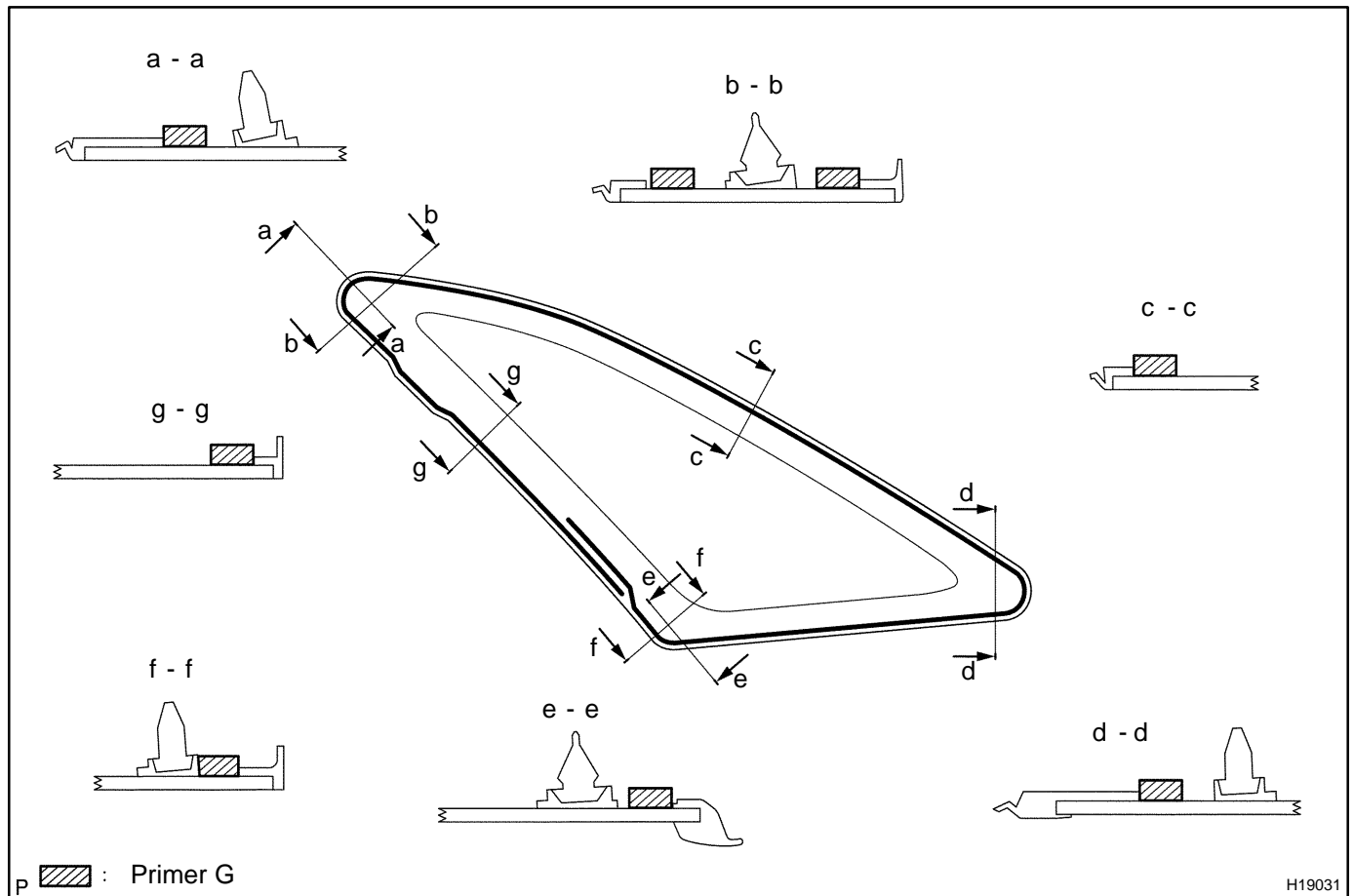
- Let the primer coating dry for 3 minutes or more.
- Do not coat Primer M to the adhesive.
- Do not keep any of the opened Primer M for later use.

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

- (a) Using a brush or sponge, coat the edge of the glass and the contact surface with Primer G as shown in the illustration on the following page.
- (b) When the primer is coated wrongly to the area other than the specified, wipe it off with a clean shop rag before the primer dries.

**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.  
**Part No. 08850-00801 or equivalent.**

### HINT:

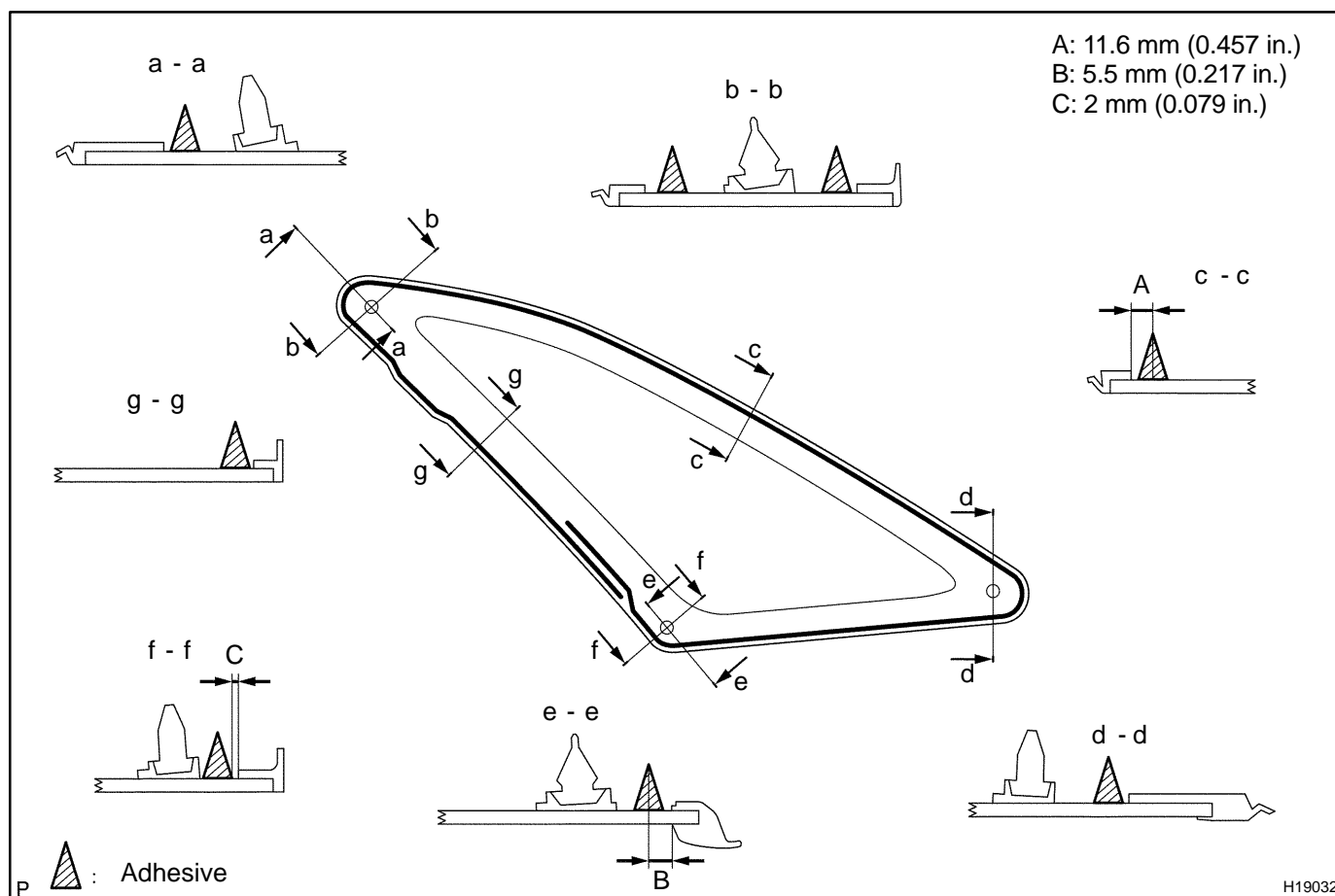
After cutting off the tip, finish off the adhesive within the time described in the table below.

| 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 in the illustration on the following page.

**Adhesive height: 12.5 mm (0.492 in.)**

**Adhesive width: 8.0 mm (0.315 in.)**



## 6. INSTALL GLASS

- Install the glass to the body.
- Hold the glass in place securely with a protective tape or equivalent until the adhesive hardens.

### NOTICE:

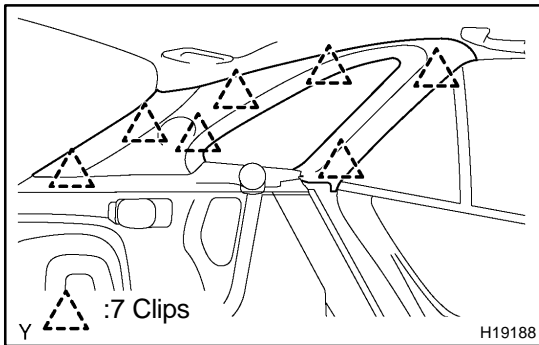
**Take care not to drive the vehicle during the time described in the table below.**

| 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                                  |

## 7. INSPECT FOR LEAK AND REPAIR

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

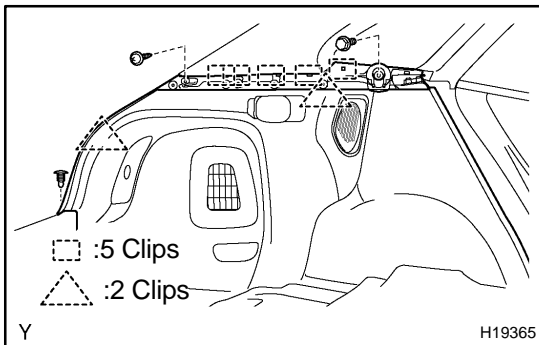
**Part No. 08833-00030 or equivalent.**

**8. INSTALL ROOF SIDE INNER GARNISH**

Install the roof side inner garnish to the body.

HINT:

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

**9. INSTALL DECK TRIM SIDE PANEL ASSEMBLY**

(a) Install the deck trim side panel with the screw, bolt and clip.

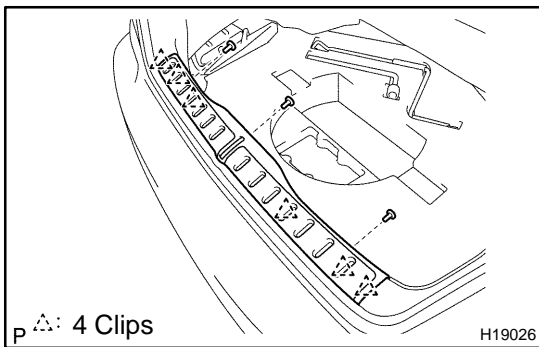
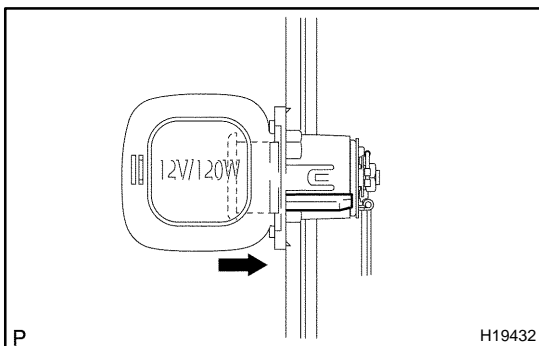
(b) Install the 2 floor hooks with the 2 bolts.

**10. RH side:****INSTALL ACCESSORY SOCKET**

(a) Assemble the accessory socket to the accessory socket cover at the position 15 mm (0.59 in.) away from full lock position and ensure that they are temporarily locked.

(b) Align the cut-out on the body with the claw on the accessory socket cover, and install the accessory socket and cover to the body.

(c) After installing them, push in the accessory socket approx. 15 mm (0.59 in.) to lock it.

**11. INSTALL REAR FLOOR FINISH PLATE**

(a) Install the rear floor finish plate with the 3 clips.

(b) Install the 2 rope hook assemblies with the 2 bolts.

**12. INSTALL TONNEAU COVER****13. INSTALL REAR FLOOR BOARD NO. 3****14. INSTALL REAR FLOOR BOARD NO. 2****15. INSTALL DECK BOARD NO. 2****16. INSTALL DECK FLOOR BOX FRONT**

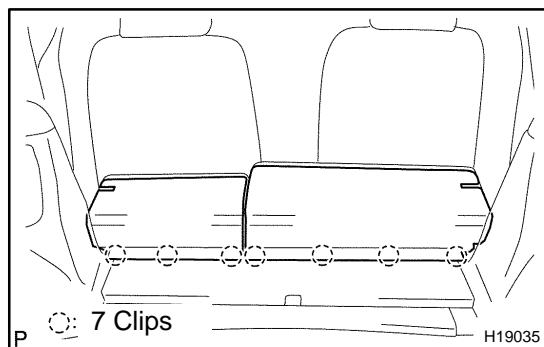
(a) Install the deck floor box.

(b) Install the 2 tether anchor brackets with the 2 bolts.

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

(c) Install the restraint seat tether anchor cover.

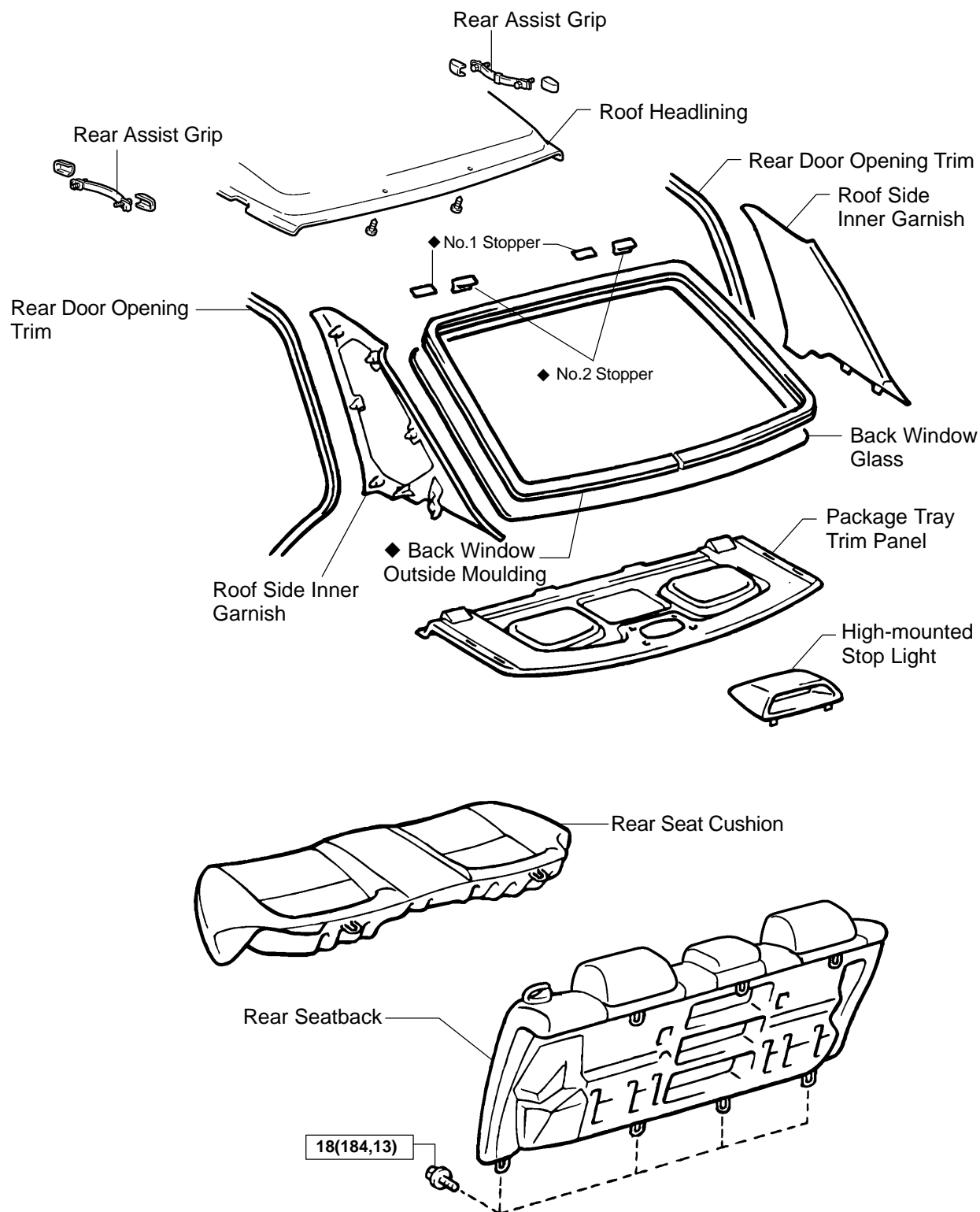
(d) install the 2 rope hook assemblies with the 2 bolts.

**17. INSTALL REAR SEAT FLOOR BOARD NO. 4**

Install the rear floor board with the 2 bolts.

# BACK WINDOW GLASS COMPONENTS

BO22L-09



T

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

◆ Non-reusable part

H10411

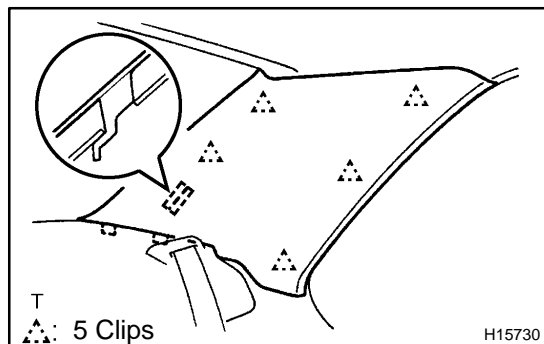


## REMOVAL

### HINT:

A bolt without a torque specification is shown in the standard bolt chart. (see page [SS-2](#) )

1. **REMOVE REAR SEAT CUSHION** (See page [BO-196](#) )
2. **REMOVE REAR SEATBACK** (See page [BO-196](#) )
3. **REMOVE UPPER PART OF REAR DOOR OPENING TRIMS**



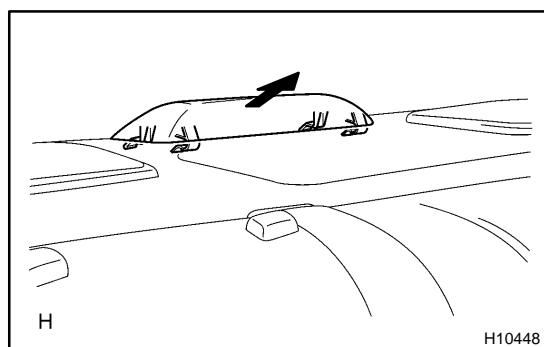
### 4. REMOVE ROOF SIDE INNER GARNISH

- (a) Using a screwdriver, disengage the clips.

### HINT:

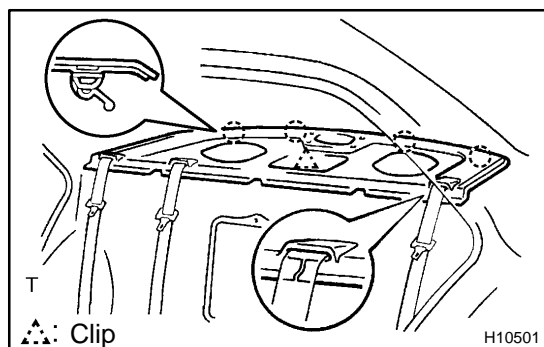
Tape the screwdriver tip before use.

- (b) Pull the garnish upward to remove it.
- (c) Employ the same manner described above to the other side.



### 5. REMOVE HIGH-MOUNTED STOP LIGHT

- (a) Remove the high-mounted stop light as shown in the illustration.
- (b) Disconnect the connector.



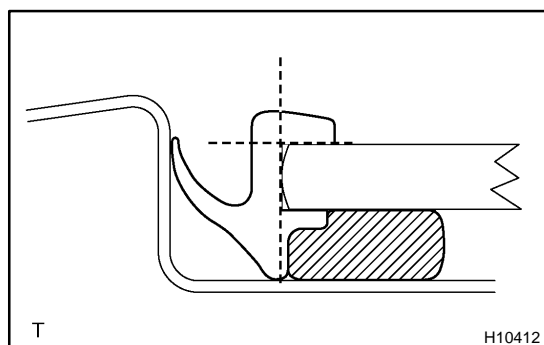
### 6. REMOVE PACKAGE TRAY TRIM PANEL

- (a) Pull the package tray trim panel upward to disengage the clips.
- (b) Remove the rear seat outer belts through the cutout on the package tray trim.
- (c) Pull the package tray trim panel forward to remove it.

### 7. REMOVE REAR ASSIST GRIPS

### 8. REMOVE REAR PART OF ROOF HEADLINING

Remove the 2 clips.



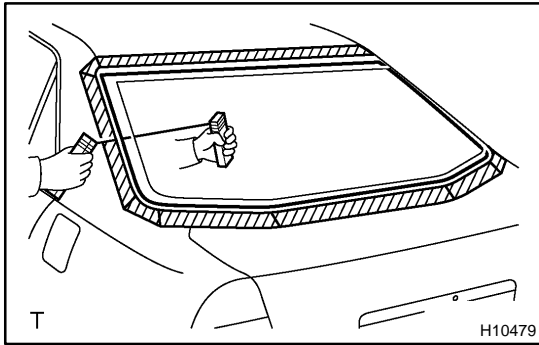
### 9. REMOVE BACK WINDOW OUTSIDE MOULDING

- (a) Using a knife, cut off the moulding as shown in the illustration.

### NOTICE:

**Do not damage the body with the knife.**

- (b) Remove the remaining moulding.

**10. REMOVE BACK WINDOW GLASS**

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

**HINT:**

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

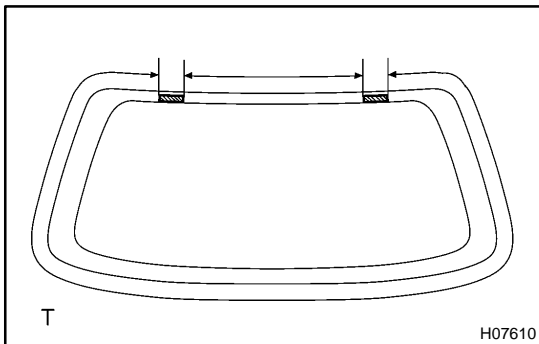
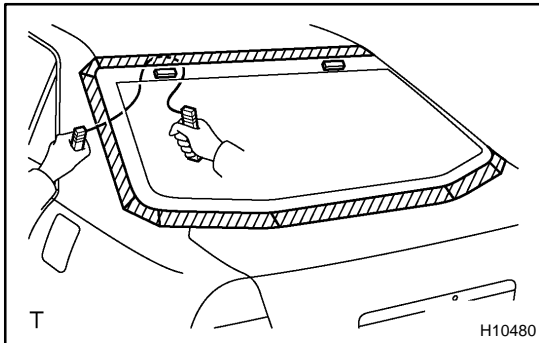
**NOTICE:**

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

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

**HINT:**

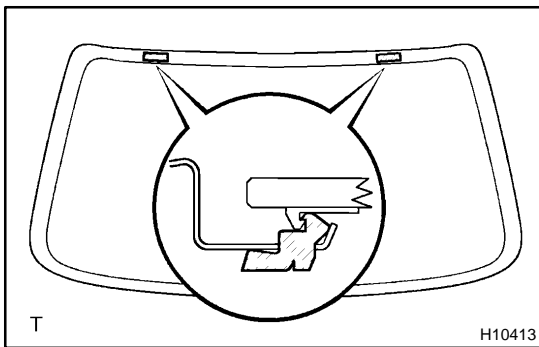
Cut the adhesive areas as shown in the illustration, leaving the adhesive where the stoppers are.



- (e) Let the piano wire pass as shown in the illustration, cut off the adhesive sticking to the stoppers.

**NOTICE:**

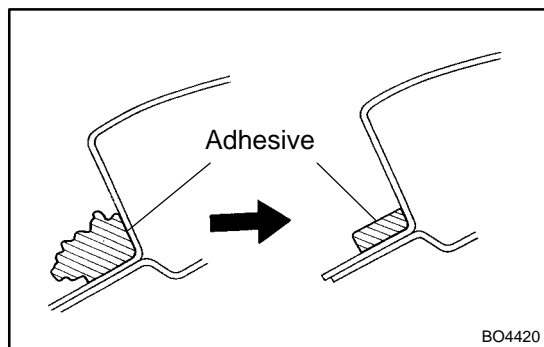
**Do not damage the glass stoppers.**



- (f) Disengage the stoppers, then remove the glass.

**NOTICE:**

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



## INSTALLATION

### 1. CLEAN AND SHAPE CONTACT SURFACE OF BODY

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

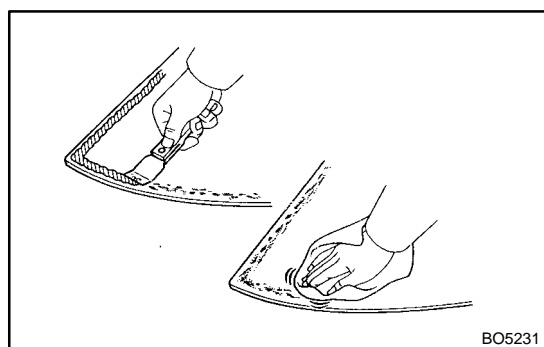
HINT:

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 with a knife, clean the body with the shop rag.

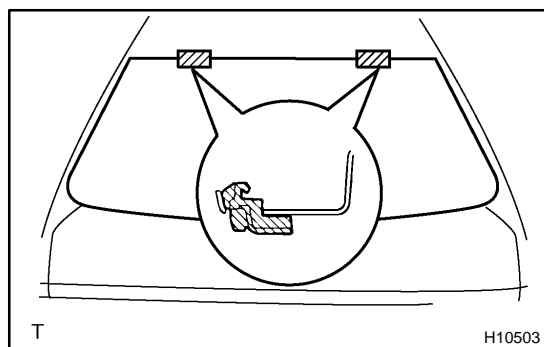


### 2. CLEAN REMOVED GLASS

- (a) Remove the damaged No.2 stoppers.
- (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.



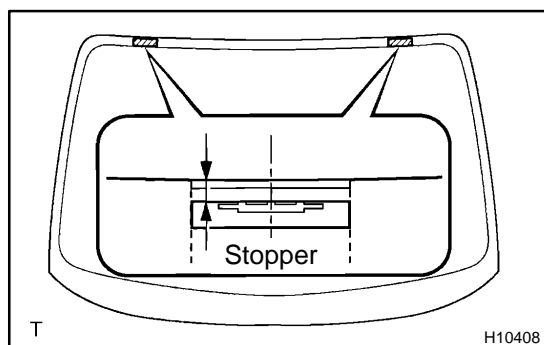
### 3. REPLACE NO.1 STOPPERS

- (a) Remove the damaged stoppers.
- (b) Cut off the old adhesive around the stoppers installation area.

**NOTICE:**

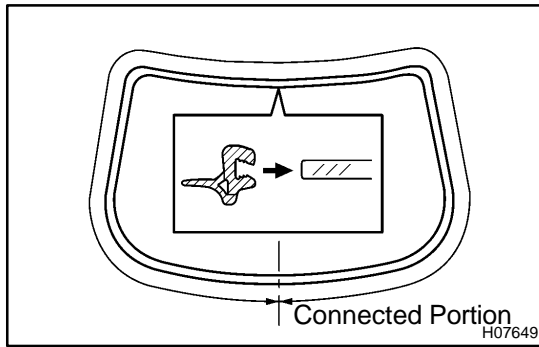
**Be careful not to damage the body.**

- (c) Clean the installation area.
- (d) Attach new stoppers to the body with the notches on the body aligned with the stoppers as shown in the illustration.



### 4. INSTALL NEW NO.2 STOPPERS

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

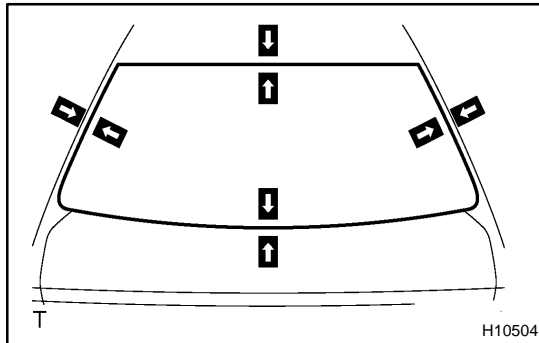


### 5. INSTALL NEW BACK WINDOW OUTSIDE MOULDING

Install new back window outside moulding to the back window glass as shown in the illustration.

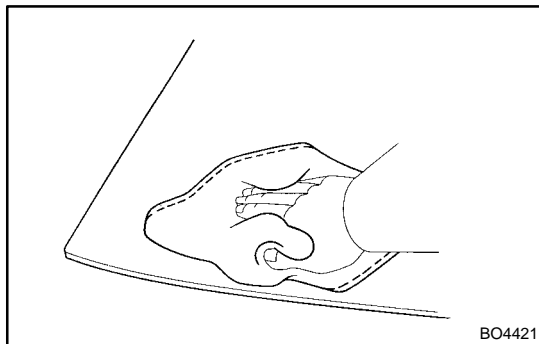
HINT:

- Install the back window outside moulding from the center of the glass on the lower side of the vehicle.
- When installing the back window outside moulding, do not stretch it.



### 6. POSITION GLASS

- Place the glass in the correct position.
- Check that all contacting parts of the glass rim are perfectly even.
- Place reference marks between the glass and body.
- Remove the glass.

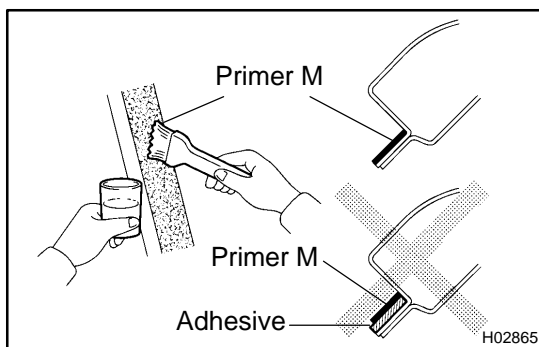


### 7. CLEAN CONTACT SURFACE OF GLASS

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.**

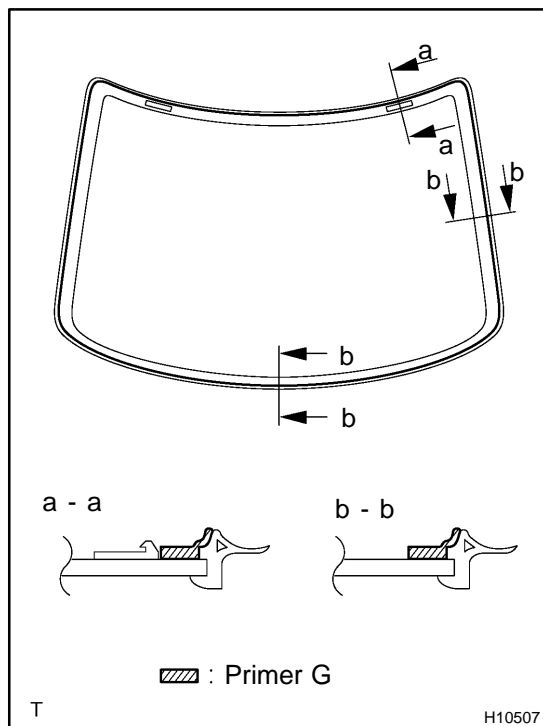


### 8. COAT CONTACT SURFACE OF BODY WITH PRIMER "M"

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.

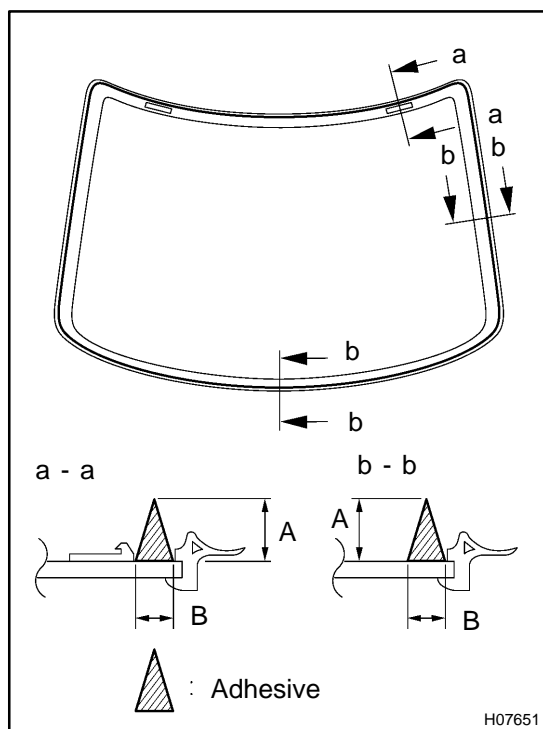


## 9. COAT CONTACT SURFACE OF GLASS WITH PRIMER "G"

- Using a brush or sponge, coat the edge of the glass and the contact surface with Primer G as shown in the illustration.
- When the primer is coated wrongly to the area other than the specified by accident, wipe it off with a clean shop rag before the primer dries.

### 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

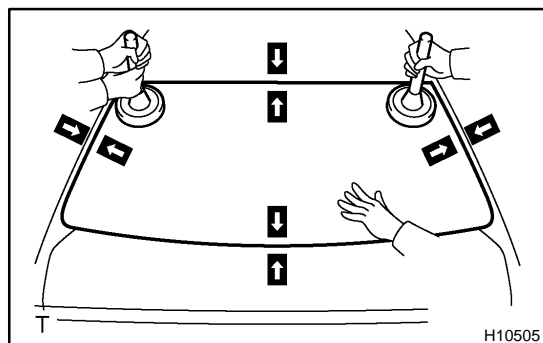
- Cut off the tip of the cartridge nozzle.  
**Part No. 08850-00801 or equivalent**

### HINT:

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

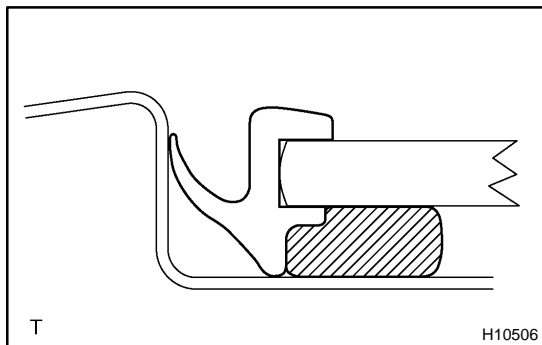
| Temperature   | Tackfree time |
|---------------|---------------|
| 35 °C (95 °F) | 15 minutes    |
| 20 °C (68 °F) | 100 minutes   |
| 5 °C (41 °F)  | 8 hours       |

- Load the cartridge into the sealer gun.
- Coat the glass with adhesive as shown in the illustration.  
**A: 12.5 mm (0.492 in.)**  
**B: 8.0 mm (0.315 in.)**



## 11. INSTALL GLASS

- Position the glass so that the reference marks are lined up, and press in gently along the rim.

**HINT:**

Confirm that the moulding is attached to the body panel as shown in the illustration.

- (b) Hold the back window 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.

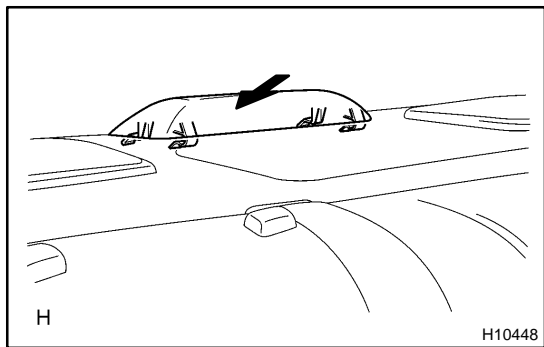
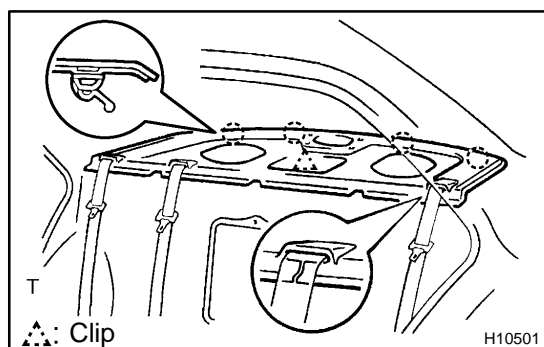
**Part No. 08833-00030 or equivalent**

**13. INSTALL REAR PART OF ROOF HEADLINING**

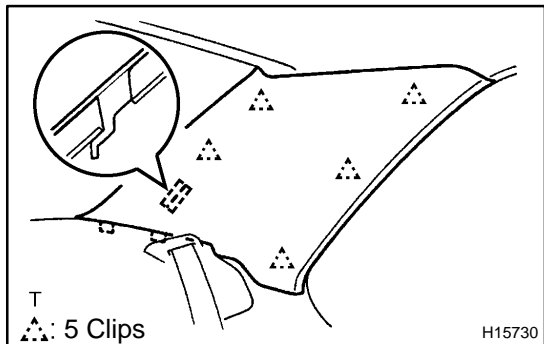
Install the 2 clips.

**14. INSTALL REAR ASSIST GRIPS****15. INSTALL PACKAGE TRAY TRIM PANEL**

- (a) Install the seat belt through the cutout of the package tray trim.  
(b) Install the package tray trim as shown in the illustration.

**16. INSTALL HIGH-MOUNTED STOP LIGHT**

- (a) Connect the connector.  
(b) Install the high-mounted stop light as shown in the illustration.

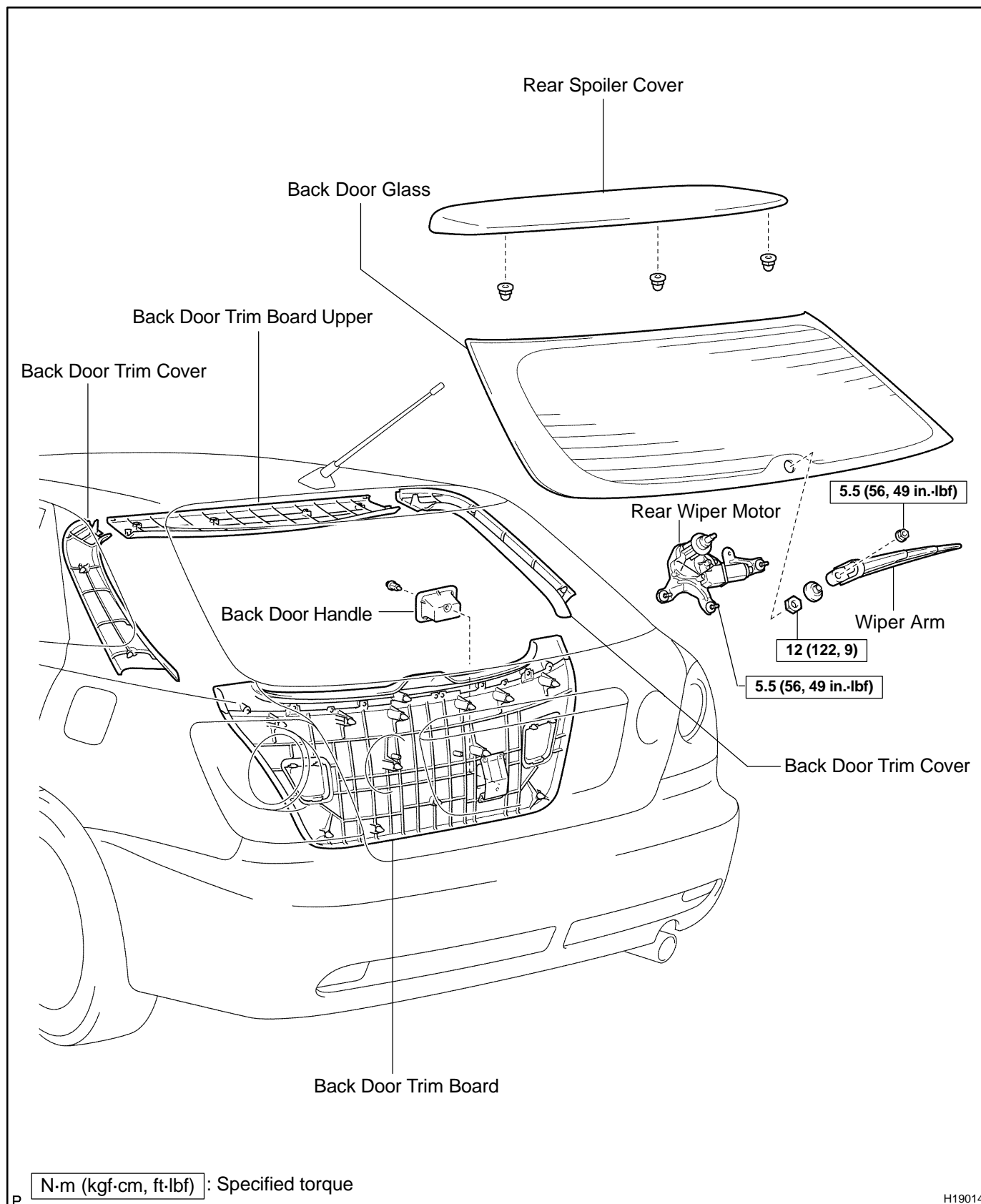
**17. INSTALL ROOF SIDE INNER GARNISH**

- (a) Install the roof side inner garnish as shown in the illustration.  
(b) Employ the same manner described above to the other side.

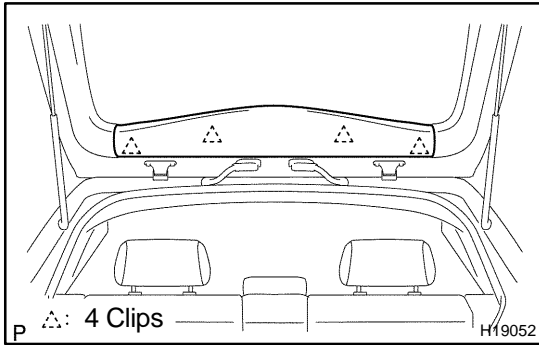
**18. INSTALL UPPER PART OF REAR DOOR OPENING TRIMS****19. INSTALL REAR SEATBACK (See page [BO-201](#) )****20. INSTALL REAR SEAT CUSHION (See page [BO-201](#) )**

# BACK DOOR GLASS COMPONENTS

B04DP-02



H19014



## REMOVAL

### HINT:

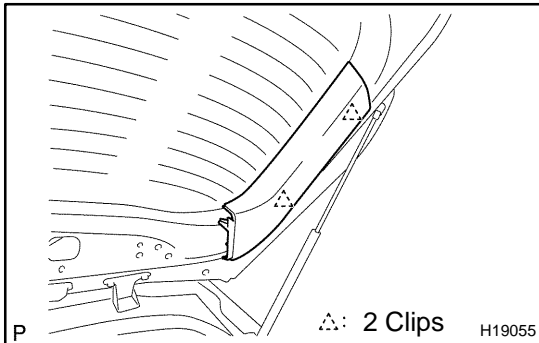
A bolt without a torque specification is shown in the standard bolt chart. (see page [SS-2](#))

#### 1. REMOVE BACK DOOR TRIM BOARD UPPER

Using a screwdriver, remove the back door trim board upper.

### HINT:

Tape the screwdriver tip before use.



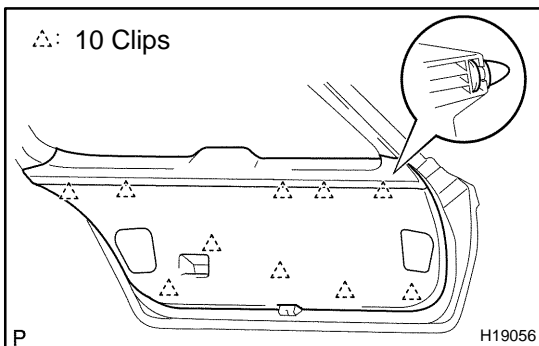
#### 2. REMOVE BACK DOOR TRIM COVERS

- Insert a screwdriver between the back door panel and back door trim cover to pry the cover.

### HINT:

Tape the screwdriver tip before use.

- Employ the same manner described above to the other side.

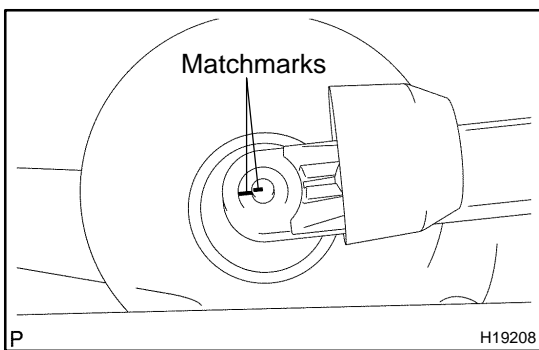


#### 3. REMOVE BACK DOOR TRIM BOARD

- Remove the clip and back door handle.
- Using a screwdriver, remove the back door trim board.

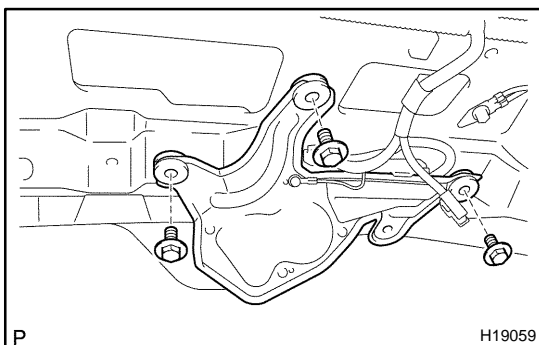
### HINT:

Tape the screwdriver tip before use.



#### 4. REMOVE REAR WIPER ARM

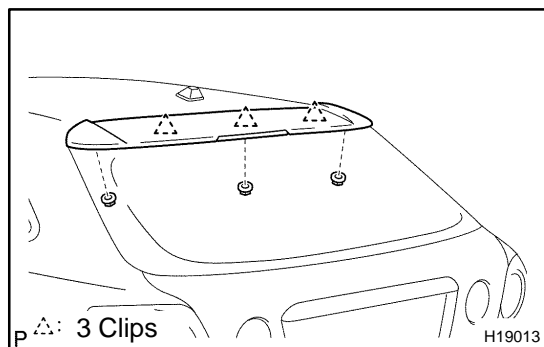
- Remove the wiper arm cover.
- Place matchmarks on the wiper arm and wiper motor.
- Remove the nut and rear wiper arm.



#### 5. REMOVE REAR WIPER MOTOR

- Remove the nut and washer on the outer side of back door panel.
- Disconnect the connector.
- Remove the 3 bolts and rear wiper motor.



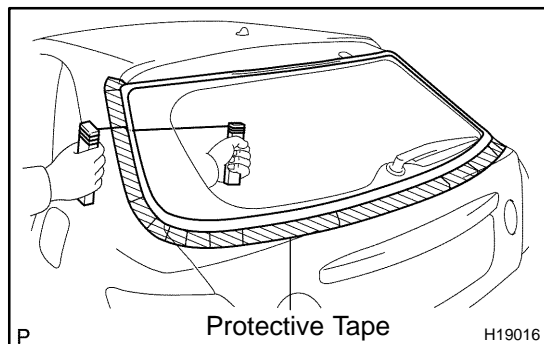


## 6. REMOVE REAR SPOILER COVER

- Remove the 3 nuts.
- Using a screwdriver, remove the rear spoiler cover then disconnect the connector.

### HINT:

Tape the screwdriver tip before use.



## 7. REMOVE BACK DOOR GLASS

- Disconnect the connector.
- Push piano wire through from the interior.
- 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.

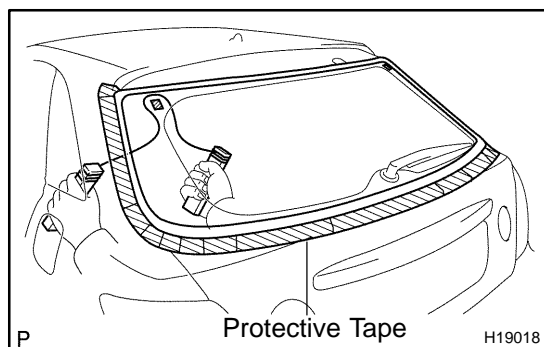
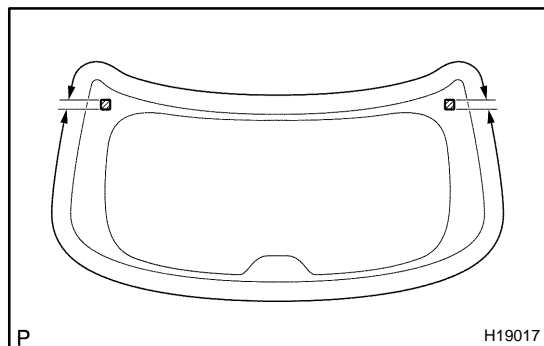
### NOTICE:

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

- 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.



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

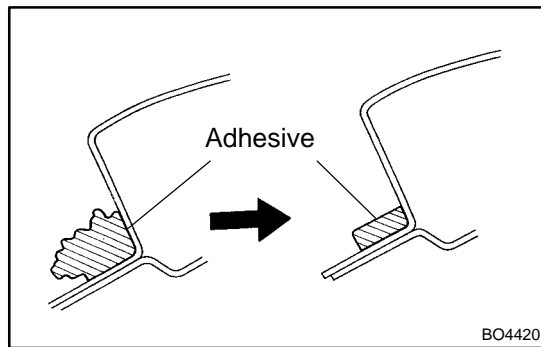
### NOTICE:

**Do not damage the glass retainers.**

- Remove the glass.

### NOTICE:

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



## INSTALLATION

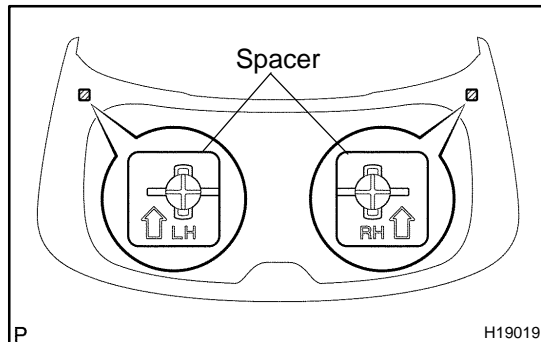
### 1. CLEAN AND SHAPE CONTACT SURFACE OF BODY

- (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 soaked with cleaner.



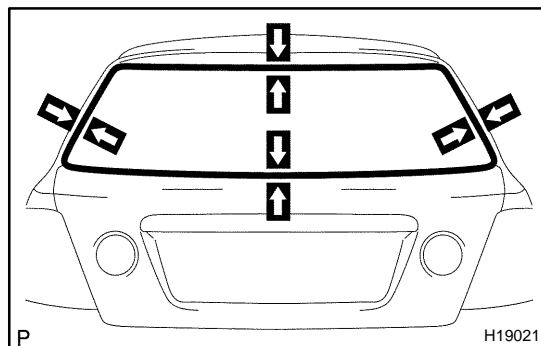
### 2. REPLACE SPACER

- (a) Remove the damaged spacers.  
(b) Cut off the old adhesive around the spacers installation area.

#### NOTICE:

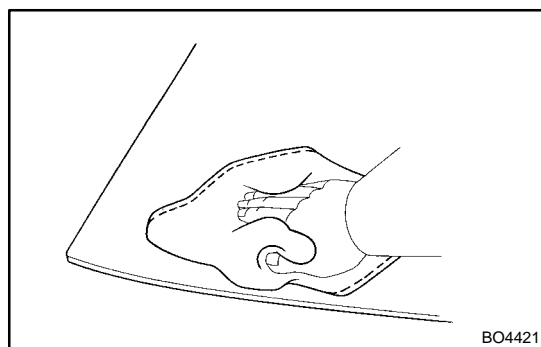
**Be careful not to damage the body.**

- (c) Clean the installation area.  
(d) Attach the new spacers to the glass with the ceramic notch on the glass aligned with the spacers as shown in the illustration.



### 3. POSITION GLASS

- (a) Place the glass in the correct position.  
(b) Check that all contacting part of the glass rim are perfectly even.  
(c) Place reference marks between the glass and body.  
(d) Remove the glass.

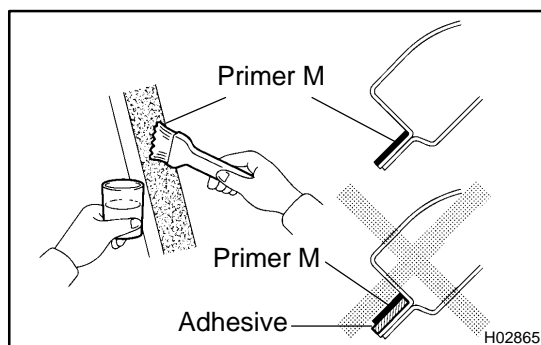


### 4. CLEAN CONTACT SURFACE OF GLASS

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.**

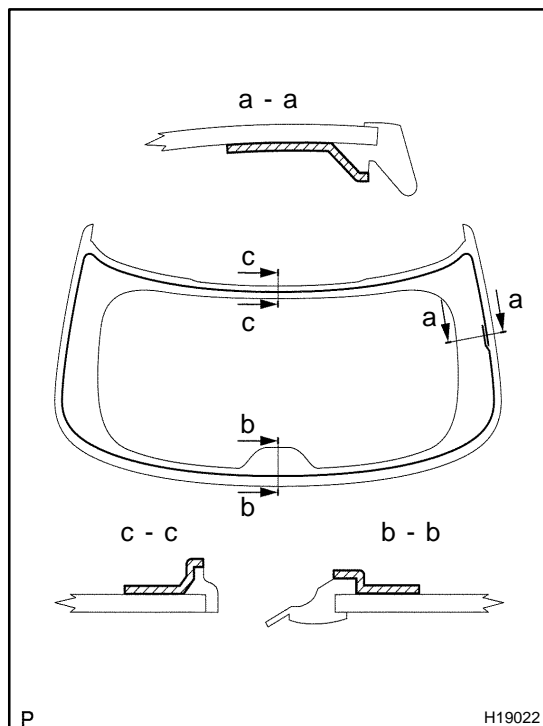


### 5. COAT CONTACT SURFACE OF BODY WITH PRIMER "M"

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.

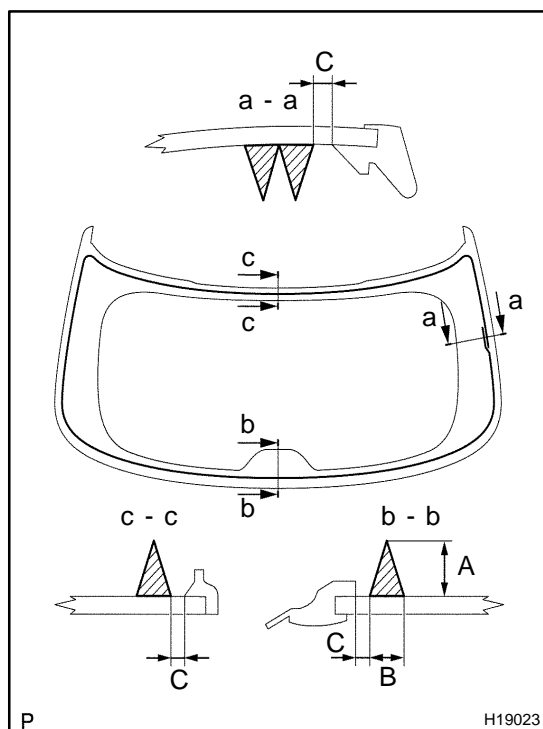


## 6. COAT CONTACT SURFACE OF GLASS WITH PRIMER "G"

- Using a brush or sponge, coat the edge of the glass and the contact surface with Primer G as shown in the illustration.
- When the primer is coated to the area other than the specified by accident, wipe it off with a clean shop rag before the primer dries.

### NOTICE:

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



## 7. APPLY ADHESIVE

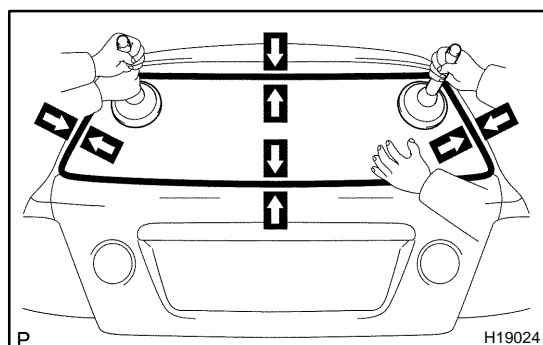
- Cut off the tip of the cartridge nozzle.  
**Part No. 08850-00801 or equivalent.**

### HINT:

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

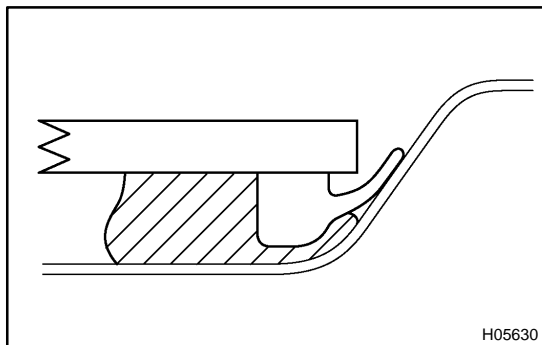
| Temperature | Tackfree time |
|-------------|---------------|
| 35°C (95°F) | 15 minutes    |
| 20°C (68°F) | 100 minutes   |
| 5°C (41°F)  | 8 hours       |

- Load the cartridge into the sealer gun.
- Coat the glass with adhesive as shown in the illustration.  
**A: 12.0 mm (0.472 in.)**  
**B: 8.0 mm (0.315 in.)**  
**C: 3.0 mm (0.118 in.)**



## 8. INSTALL GLASS

- 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.
- Use a scraper to remove any excess or protruding adhesive.

**HINT:**

Confirm that the moulding is attached to the body panel as shown in the illustration.

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

**NOTICE:**

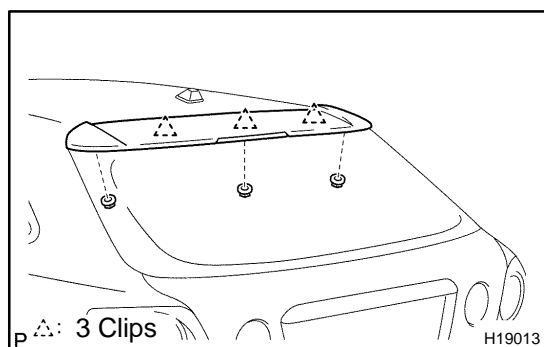
**Take care not to drive the vehicle during the time described in the table below.**

| 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                                  |

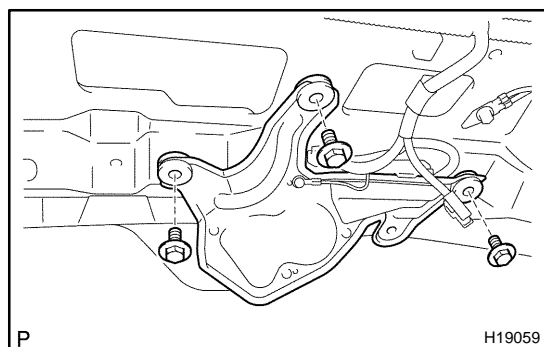
**9. INSPECT FOR LEAK AND REPAIR**

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

**Part No. 08833-00030 or equivalent.**

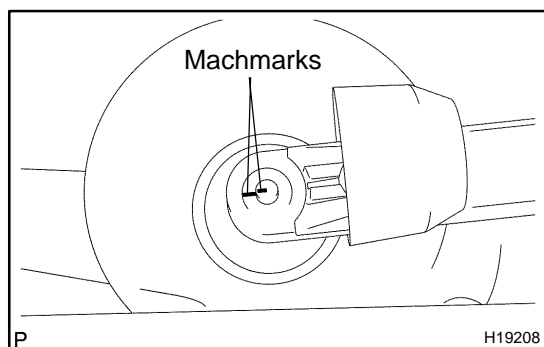
**10. INSTALL REAR SPOILER COVER**

Install the rear spoiler cover with the 3 nuts.

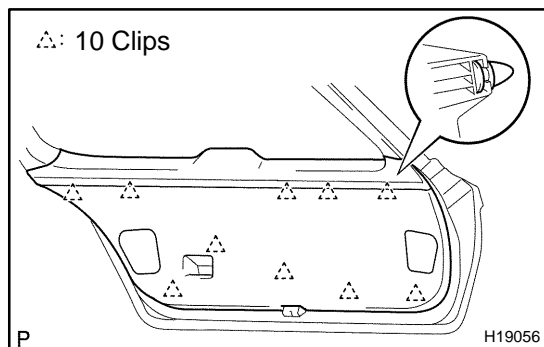
**11. INSTALL BACK DOOR OUTSIDE HANDLE****12. INSTALL REAR WIPER MOTOR**

- (a) Install the rear wiper motor with the 3 bolts.  
**Torque: 5.5 N·m (56 kgf-cm, 49 in.-lbf)**  
(b) Connect the connector.  
(c) Install the nut and washer on the outer side of the back door panel.

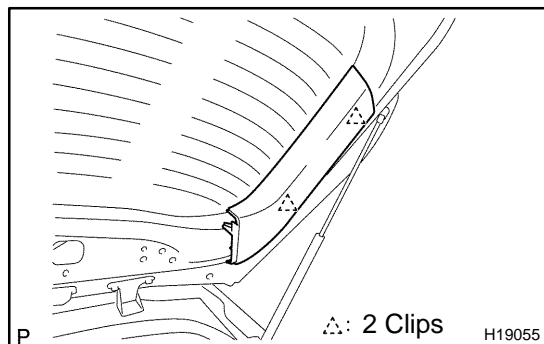
**Torque: 12 N·m (122 kgf-cm, 9 ft-lbf)**

**13. INSTALL REAR WIPER ARM**

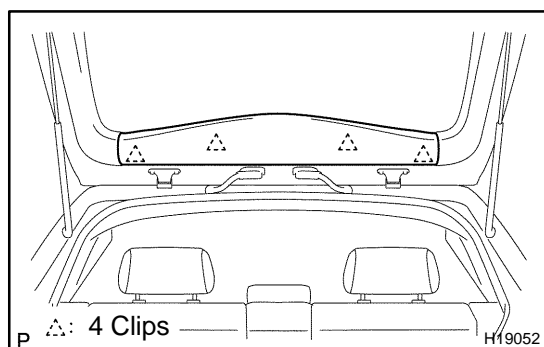
- (a) Install the wiper arm and tighten the nut by hand. Operate the wiper once and turn the wiper switch OFF.  
(b) Align the machmarks on the wiper arm and wiper motor.  
(c) Install the rear wiper arm with the nut.  
**Torque: 5.5 N·m (56 kgf-cm, 49 in.-lbf)**  
(d) Install the wiper arm cover.

**14. INSTALL BACK DOOR TRIM BOARD**

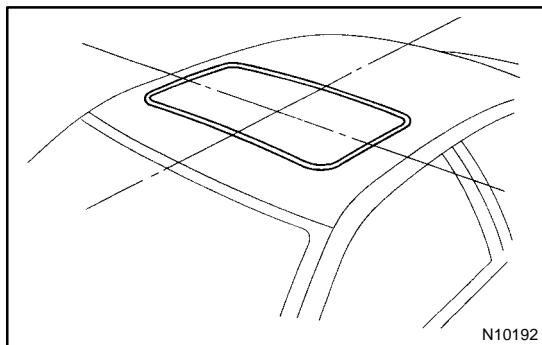
- (a) Install the back door trim board to the back door panel.
- (b) Install the back door handle with the clip.

**15. INSTALL BACK DOOR TRIM COVERS**

Install the trim cover to the body.

**16. INSTALL BACK DOOR TRIM BOARD UPPER**

Install the back door trim board upper to the body.



## SLIDING ROOF ON-VEHICLE INSPECTION

BOOM1-07

### 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 closed condition 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.

**Front end:**

**0 – 2.0 mm (0 - 0.079 in.)**

**0 + 1.0 mm (0 + 0.039 in.)**

**Side end:**

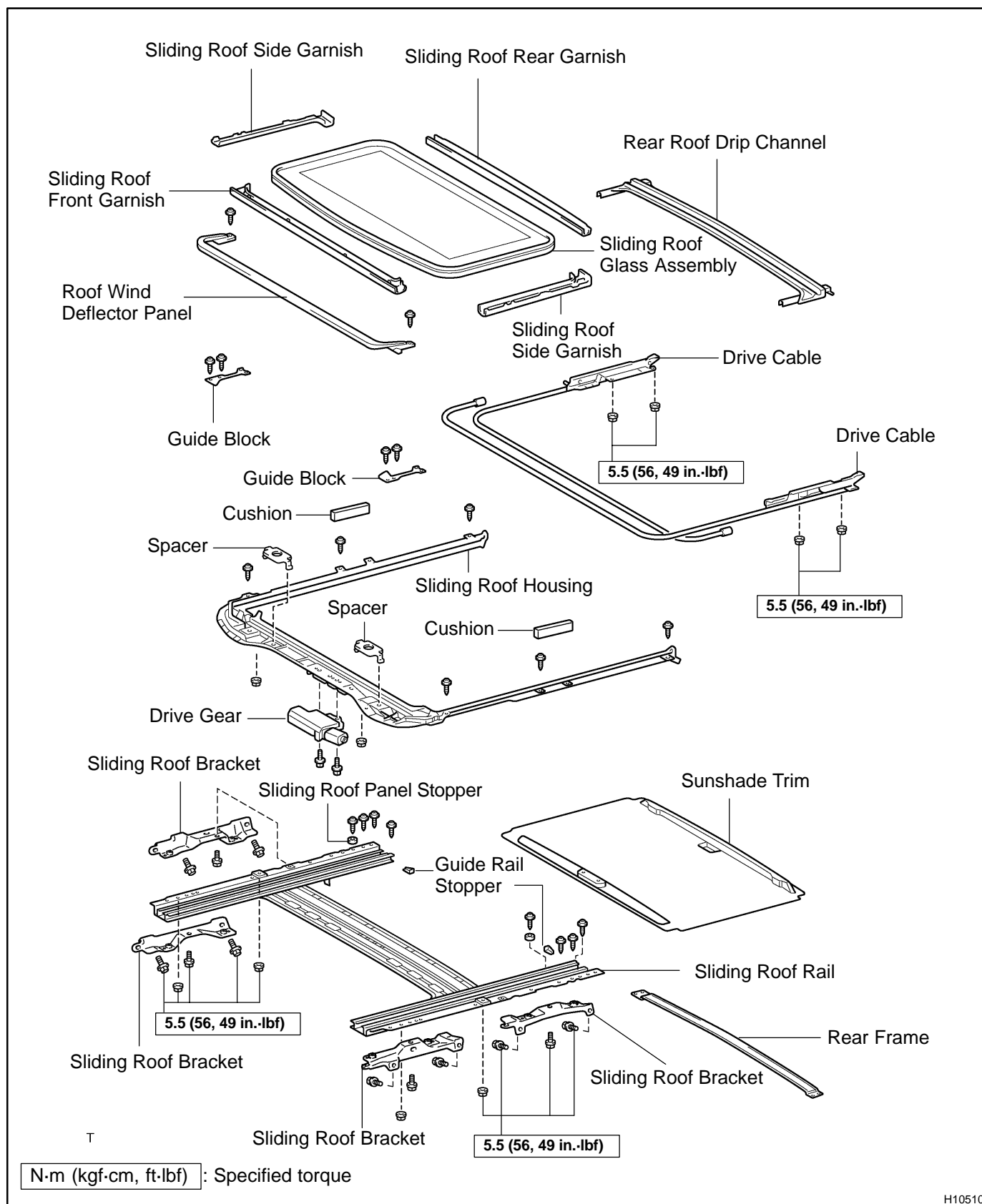
**0 ± 1.5 mm (0 ± 0.059 in.)**

**Rear end:**

**0 - 1.0 mm (0 - 0.039 in.)**

**0 + 2.0 mm (0 + 0.079 in.)**

# COMPONENTS



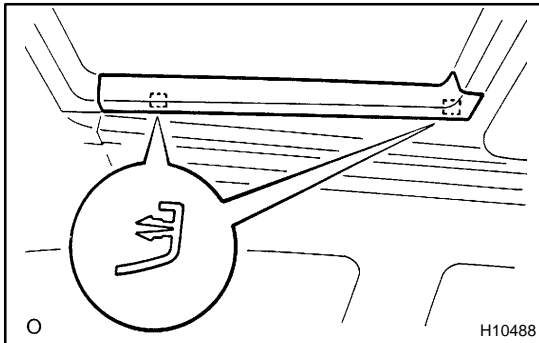
H10510

## REMOVAL

### HINT:

A bolt without a torque specification is shown in the standard bolt chart. (see page [SS-2](#))

1. **Sedan type:**  
**REMOVE ROOF HEADLINING** (See page [BO-156](#))
2. **Wagon type:**  
**REMOVE ROOF HEADLINING** (See page [BO-164](#))



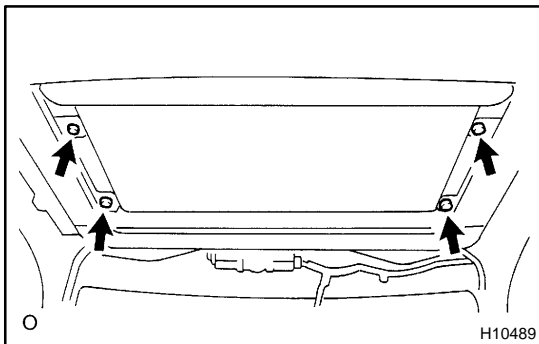
### 3. REMOVE SLIDING ROOF SIDE GARNISH

- (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.



### 4. REMOVE SLIDING ROOF GLASS ASSEMBLY

- (a) Using a torx wrench, remove the 4 nuts.

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

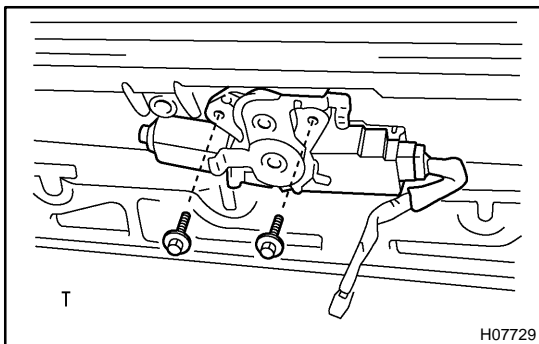
- (b) Pull the glass upward to remove it.

### 5. REMOVE SLIDING ROOF FRONT AND REAR GARNISHES

Using a screwdriver, remove the front and rear garnishes.

### HINT:

Tape the screwdriver tip before use.

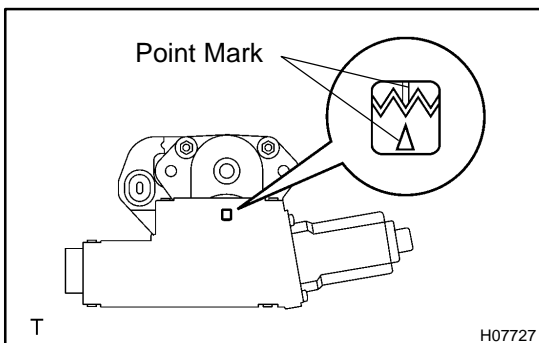


### 6. REMOVE DRIVE GEAR

### NOTICE:

**Remove the drive gear with the sliding roof fully closed.**

- (a) Disconnect the connector.
- (b) Remove the 2 bolts and drive gear.

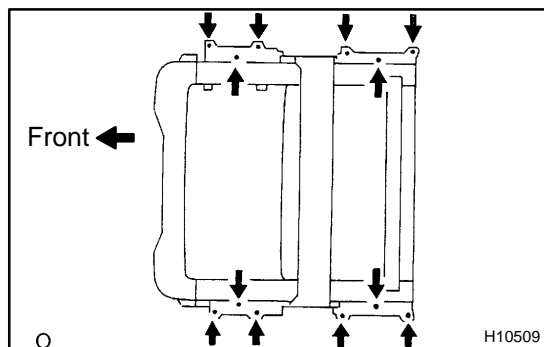


- (c) Turn the drive gear to align the point marks as shown in the illustration.

### NOTICE:

**At the time of installation, if the sliding roof position and drive gear fully closed position are not matched, the sliding roof does not operate normally.**





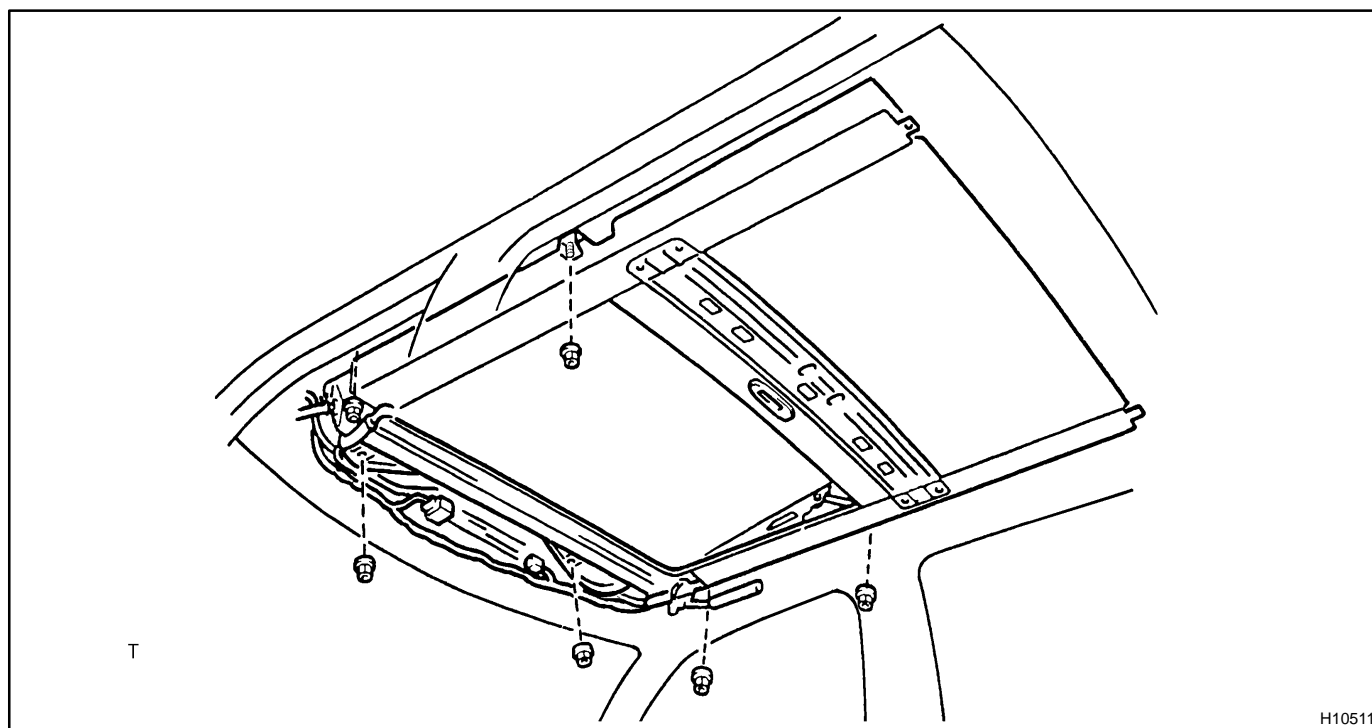
### 7. REMOVE SLIDING ROOF BRACKET

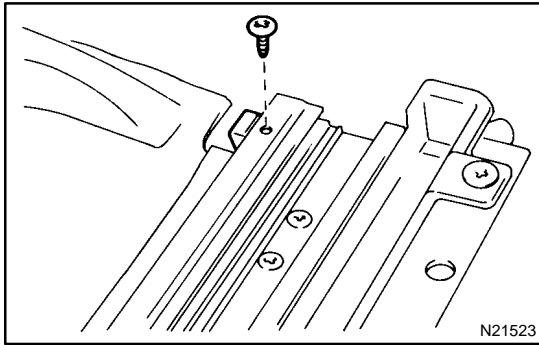
- (a) Remove the 3 bolts and sliding roof bracket.  
**Torque: 5.5 N·m (56 kgf·cm, 49 in.-lbf)**
- (b) Employ the same manner described above to the other sides.

### 8. REMOVE SLIDING ROOF HOUSING

- (a) Disconnect the 4 drain hoses from the housing.
- (b) Disengage the wire harness clamps.
- (c) Remove the 6 nuts, then remove the housing as shown in the illustration.

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



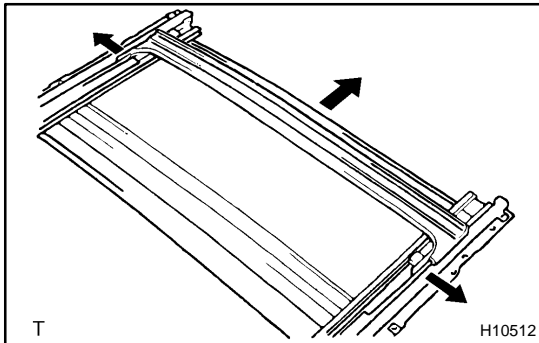


## DISASSEMBLY

### 1. REMOVE GUIDE RAIL STOPPER

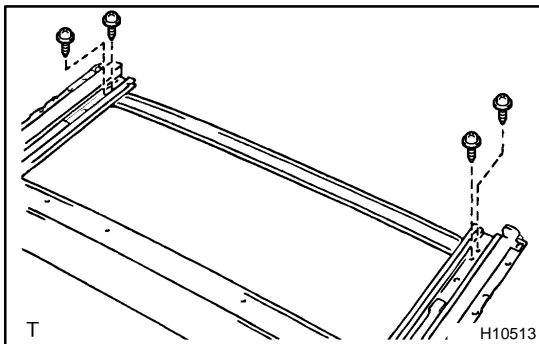
- Remove the screw and stopper.
- Employ the same manner described above to the other side.

### 2. REMOVE SUNSHADE TRIM



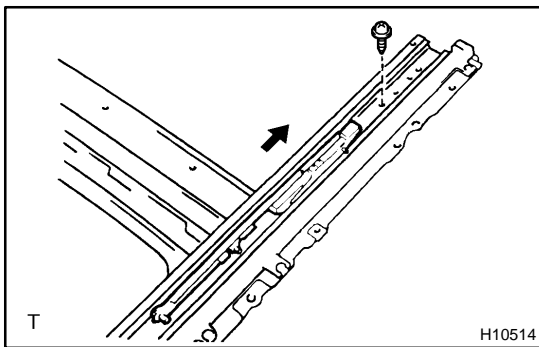
### 3. REMOVE REAR ROOF DRIP CHANNEL

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



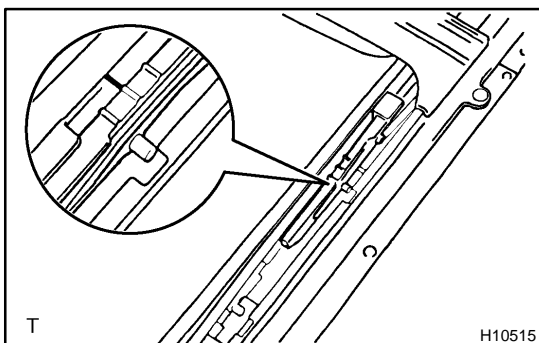
### 4. REMOVE REAR FRAME

Remove the 4 screws and rear frame.



### 5. REMOVE DRIVE CABLE

- Remove the screw and sliding roof panel stopper.
- Slide the drive cable rearward, then remove it.
- Employ the same manner described above to the other side.

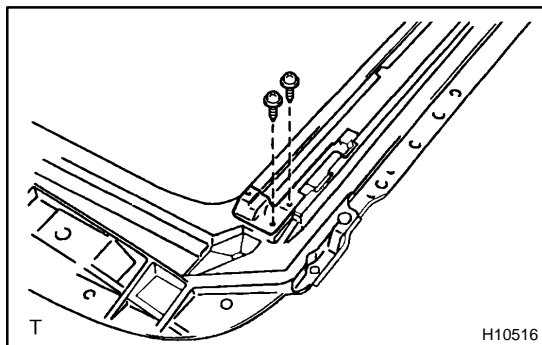


### HINT:

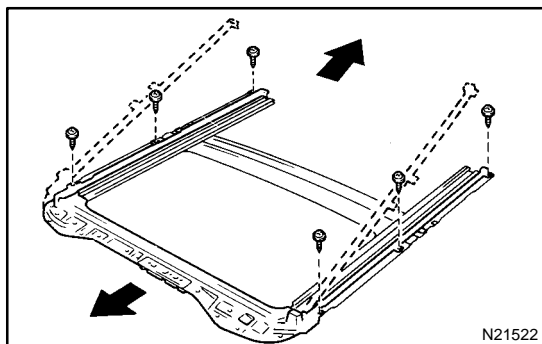
At the time of reassembly, please refer to the following items.

- Adjust the drive cable at the closed and tilted position.
- Slide the cable forward or backward to align the 2 marks as shown in the illustration.
- Slide the cable to the forefront with fingers.

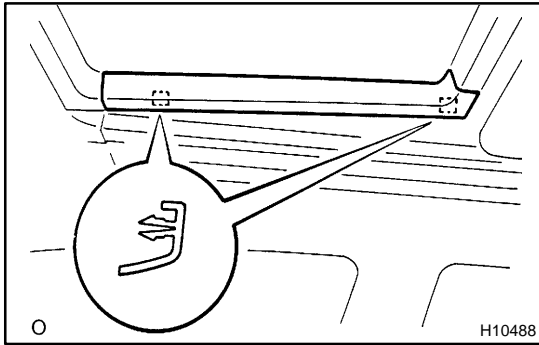
### 6. REMOVE ROOF WIND DEFLECTOR PANEL

**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 CUSHIONS****9. REMOVE SLIDING ROOF HOUSING**

Remove the 6 screws and sliding roof housing.

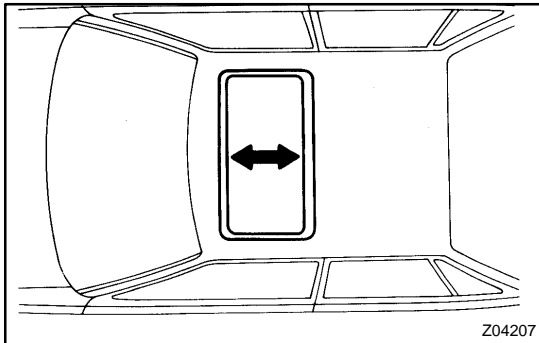


## ADJUSTMENT

### 1. REMOVE SIDE GARNISH

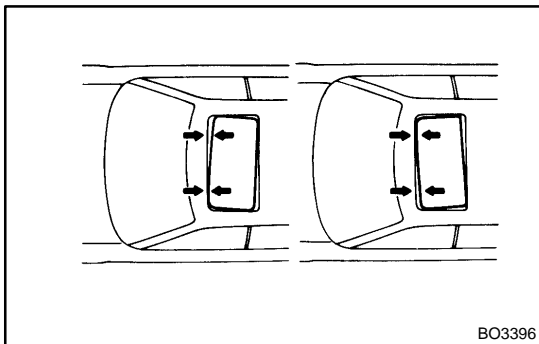
#### HINT:

- Tape the screwdriver tip before use.
  - After adjustment, reinstall the side garnishes.
- (a) Before making adjustments, using a screwdriver, remove the side garnish.
  - (b) Employ the same manner described above to the other side.



### 2. TO ADJUST FORWARD OR REARWARD

- (a) Loosen the sliding roof glass installation nuts.
- (b) Adjust the sliding roof glass forward and rearward.



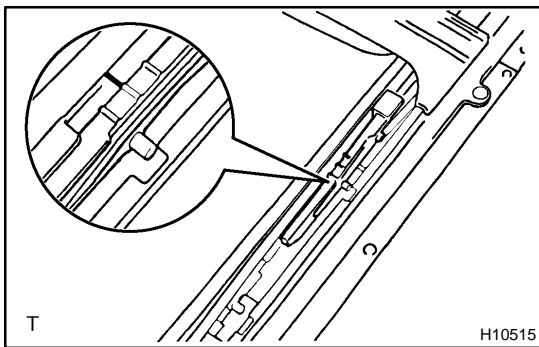
### 3. TO ADJUST CLEARANCE

#### (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 rail.

#### NOTICE:

**Remove the drive gear with sliding roof fully closed.**



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

## REASSEMBLY

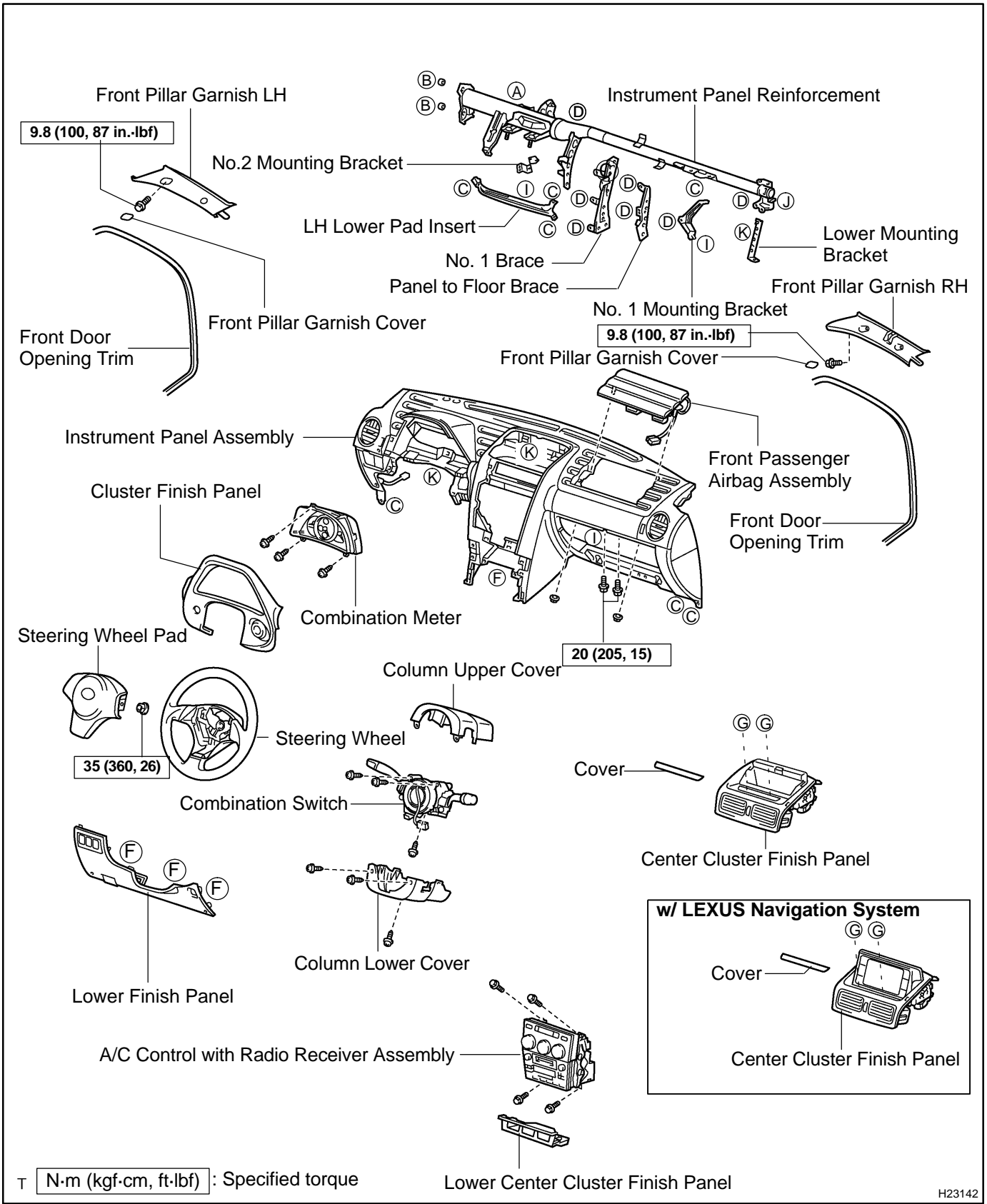
The reassembly procedures are the disassembly procedures in reverse order (See page [BO-130](#) ).

## INSTALLATION

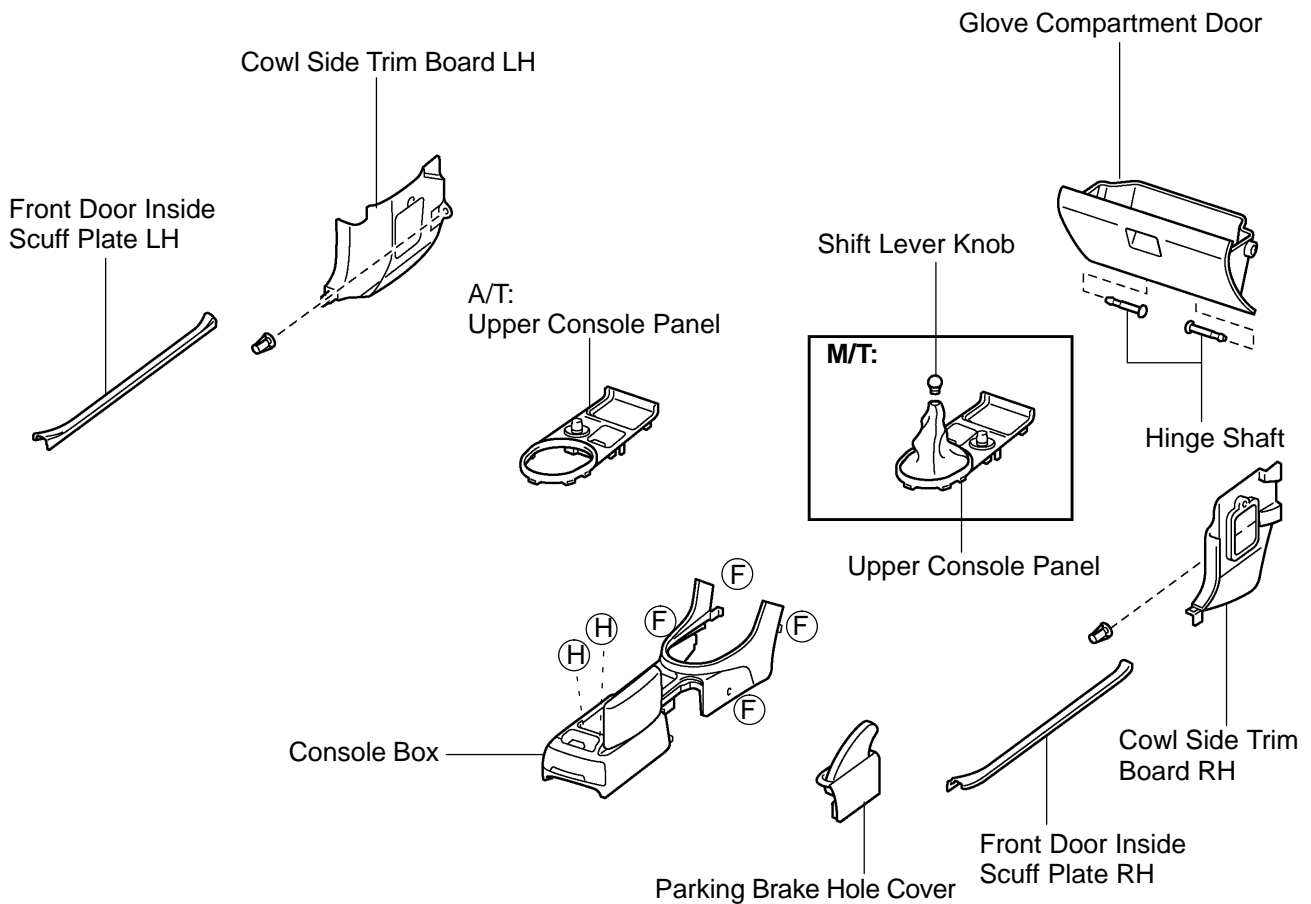
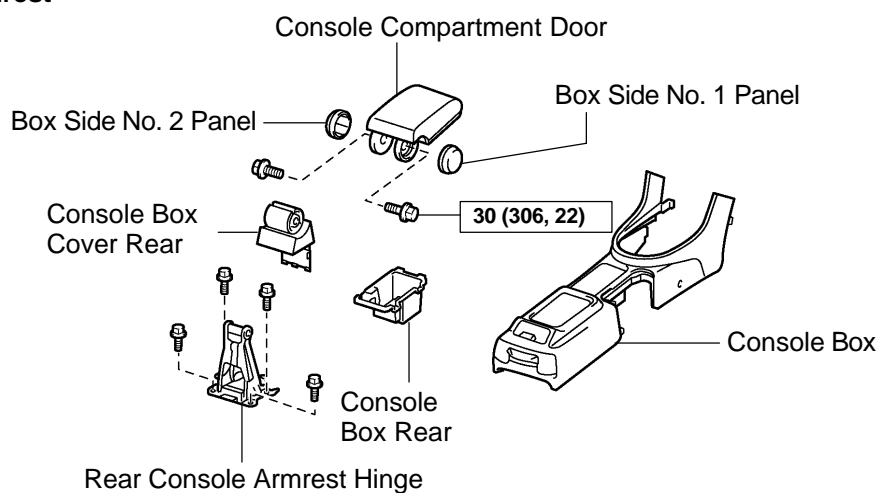
The installation procedures are the removal procedures in reverse order (See page [BO-128](#) ).

# INSTRUMENT PANEL COMPONENTS

BO4DS-03



H23142

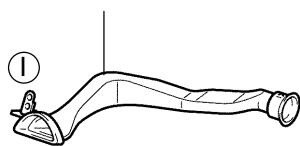
**w/ Armrest**

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

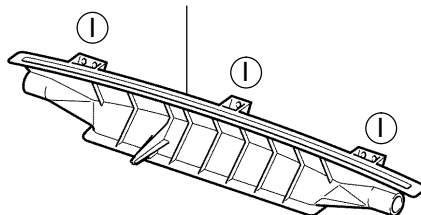
H22779



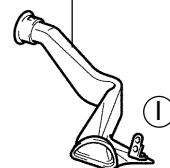
Side Defroster Duct



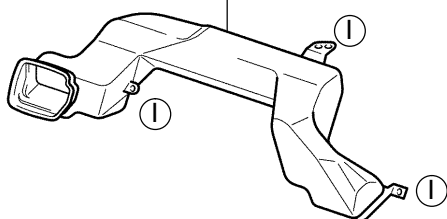
Defroster Nozzle Assembly



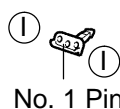
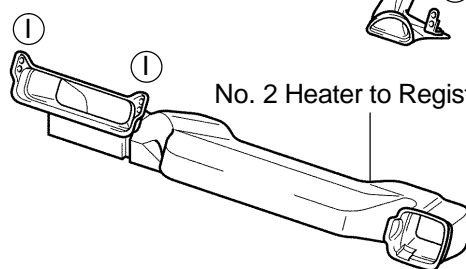
No. 2 Side Defroster Nozzle Duct



No. 1 Heater to Register Duct



No. 2 Heater to Register Duct

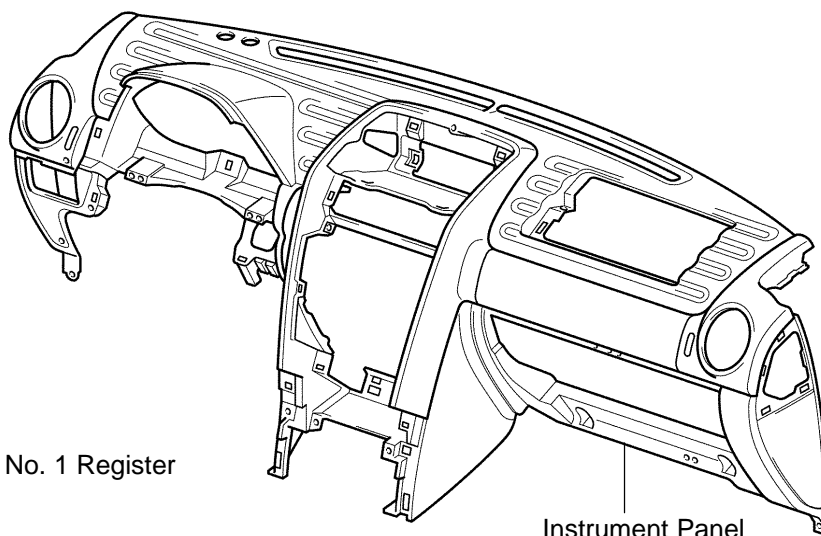


No. 1 Pin

Solar Sensor



Auto Light Control Sensor



No. 1 Pin

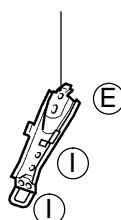
Instrument Side Panel



No. 1 Register

Instrument Panel

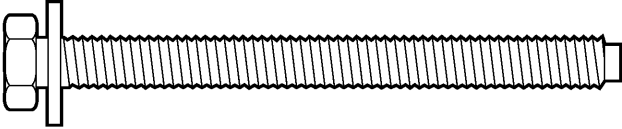
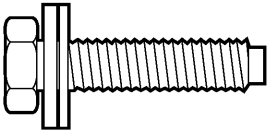
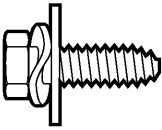
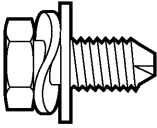
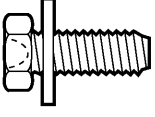
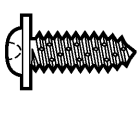
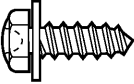

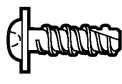
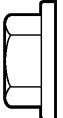
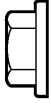
Center Bracket



No. 2 Register

H19464

HINT:  
Screw shapes and sizes are indicated in the table below. The codes ("A" - "K") correspond to those indicated on the previous pages.

| mm (in.) |   |                                     |      |   |                                     |   |   |  |
|----------|---|-------------------------------------|------|---|-------------------------------------|---|---|--|
| code     | Shape   |                                     |      |   |                                     | Size  |   |  |
| Ⓐ        |   |                                     |      |   |                                     | ø = 8<br>(0.31)<br>L = 90<br>(3.54)   |   |  |
| code     | Shape   |                                     |      | Size  | code                                | Shape   |   | Size                                     |
| Ⓑ        |    |                                     |      | ø = 8<br>(0.31)<br>L = 35<br>(1.38)   | Ⓒ                                   |  |   | ø = 6<br>(0.24)<br>L = 20<br>(0.79)      |
| code     | Shape   | Size                                | code | Shape   | Size                                | code  | Shape   | Size                                     |
| Ⓓ        |   | ø = 8<br>(0.31)<br>L = 18<br>(0.71) | Ⓔ    |   | ø = 6<br>(0.24)<br>L = 18<br>(0.71) | Ⓕ   |   | ø = 5.22<br>(0.2055)<br>L = 16<br>(0.63) |
| Ⓖ        |  | ø = 5<br>(0.20)<br>L = 16<br>(0.63) | Ⓕ    |  | ø = 5<br>(0.20)<br>L = 16<br>(0.63) | Ⓖ   |  | ø = 5<br>(0.20)<br>L = 14<br>(0.55)      |
| Ⓙ        |  | ø = 8<br>(0.31)                     | Ⓚ    |  | ø = 6<br>(0.24)                     |   |   |  |

T

H11337

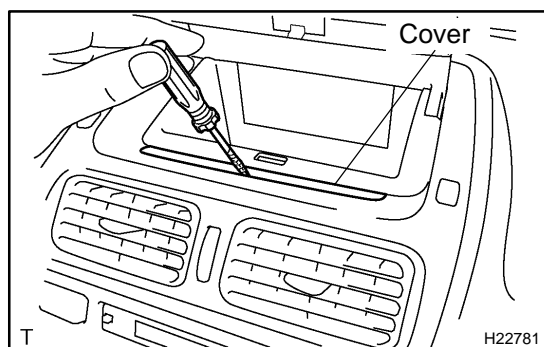
## REMOVAL

### CAUTION:

Work must be started more than 90 seconds after the ignition switch is turned into the "LOCK" position and the negative (-) terminal cable is disconnected from the battery. The SRS is equipped with a back-up power source. If work is started within 90 seconds from disconnecting the negative (-) terminal cable of the battery, the SRS may be deployed.

### HINT:

A bolt without a torque specification is shown in the standard bolt chart. (see page [SS-2](#))

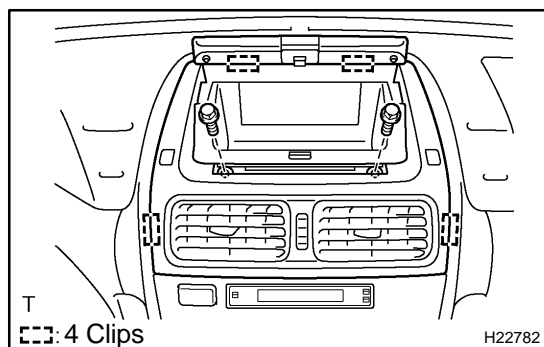


### 1. REMOVE CENTER CLUSTER FINISH PANEL

- (a) Using a screwdriver, pry out the cover.

### HINT:

Tape the screwdriver tip before use.



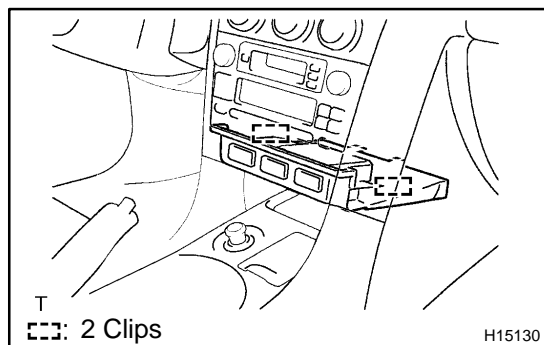
- (b) Remove the 2 screws.

- (c) Using a screwdriver, disengage the 4 clips and remove the center cluster finish panel.

### HINT:

Tape the screwdriver tip before use.

- (d) w/ LEXUS navigation system:  
Disconnect the connectors.



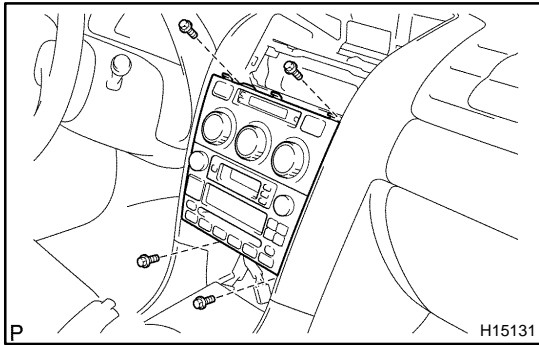
### 2. REMOVE LOWER CENTER CLUSTER FINISH PANEL

- (a) Using a screwdriver, disengage the 2 clips and remove the lower center cluster finish panel.

### HINT:

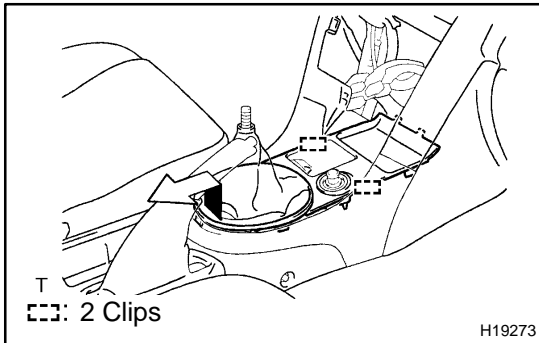
Tape the screwdriver tip before use.

- (b) Disconnect the connectors.



### 3. REMOVE A/C CONTROL WITH RADIO RECEIVER ASSEMBLY

- Remove the 4 bolts and A/C control with radio receiver assembly.
- Disconnect the connectors.



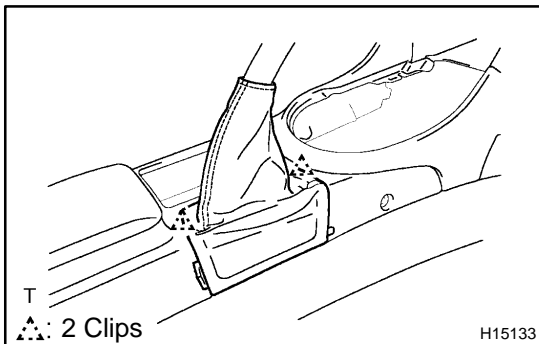
### 4. REMOVE UPPER CONSOLE PANEL

- M/T:  
Remove the shift lever knob.
- Using a screwdriver, disengage the 2 clips and remove the upper console panel as shown in the illustration.

HINT:

Tape the screwdriver tip before use.

- Disconnect the connector.

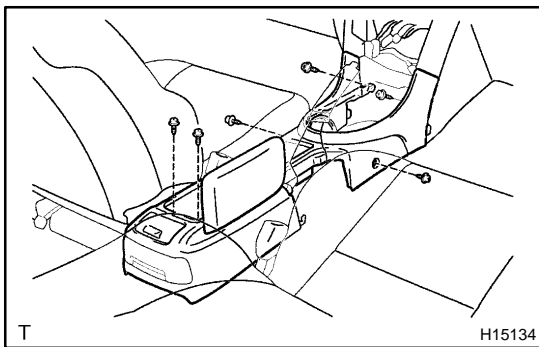


### 5. REMOVE PARKING BRAKE HOLE COVER

Using a screwdriver, disengage the 2 clips and remove the parking brake hole cover.

HINT:

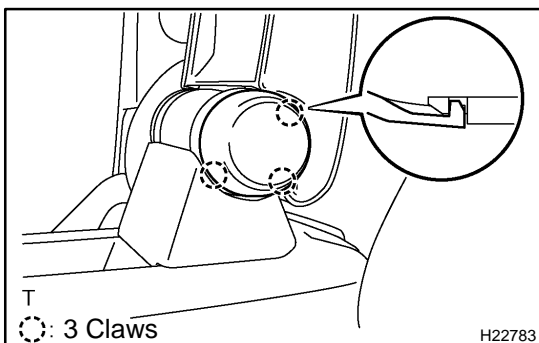
Tape the screwdriver tip before use.



### 6. w/o Arm rest:

#### REMOVE CONSOLE BOX

- Remove the 6 screws.
- w/o LEXUS navigation system:  
Pull the console box rearward to remove it.
- w/ LEXUS navigation system:  
Pull the console box rearward to remove it, then disconnect the connector.



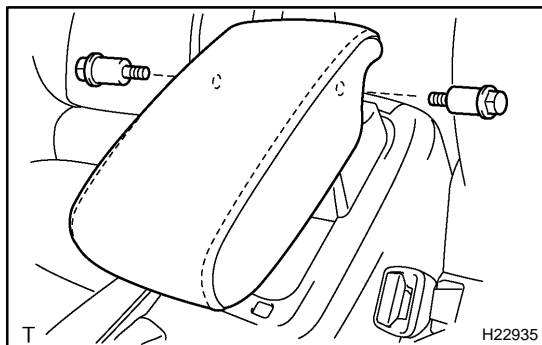
### 7. w/ Arm rest:

#### REMOVE CONSOLE BOX

- Using a screwdriver, disengage the 3 claws and remove the box side No. 1 and No. 2 panels.

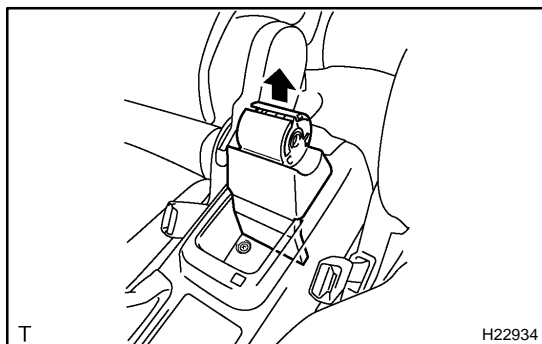
HINT:

Tape the screwdriver tip before use.

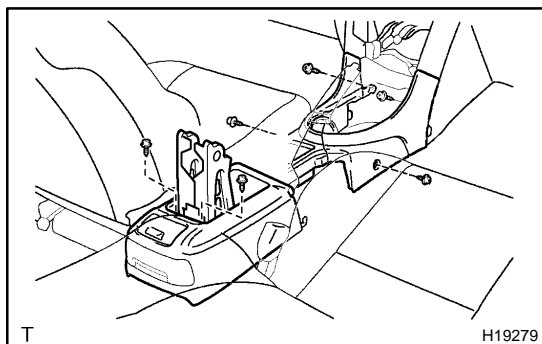


- (b) Remove the 2 bolts and remove the console compartment door.

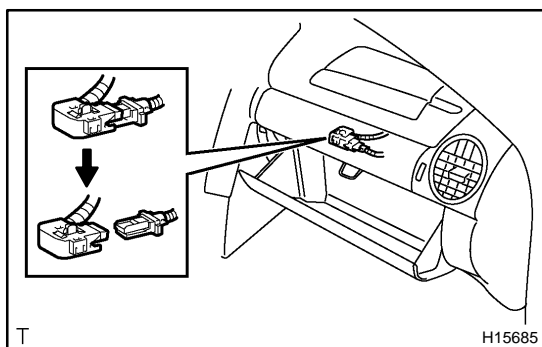
**Torque: 30 N·m (306 kgf·cm, 22 ft·lbf.)**



- (c) Remove the console box cover rear.



- (d) Remove the 6 screws.  
 (e) w/o LEXUS navigation system:  
 Pull the console box rearward to remove it.  
 (f) w/ LEXUS navigation system:  
 Pull the console box rearward to remove it, then disconnect the connector.  
 (g) Remove the 4 bolts and rear console armrest hinge.

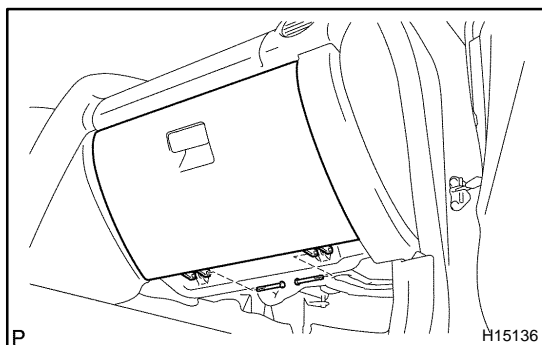


#### 8. DISCONNECT PASSENGER AIRBAG CONNECTOR

- (a) Using a clip remover, disengage the connector clamp.  
 (b) Disconnect the passenger airbag connector.

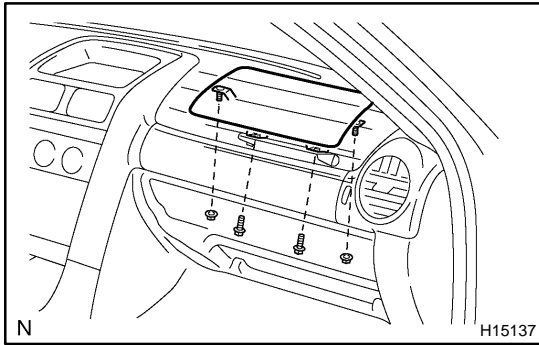
#### NOTICE:

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



#### 9. REMOVE GLOVE COMPARTMENT DOOR

Disconnect the hinge shaft and remove the glove compartment door.



**10. REMOVE FRONT PASSENGER AIRBAG ASSEMBLY**  
Remove the 2 bolts, 2 nuts and the passenger airbag assembly from the instrument panel.

**Torque:**

**20 N·m (205 kgf·cm, 15 ft·lbf.) for bolt**

**5.5 N·m (56 kgf·cm, 49 in·lbf) for nut**

**CAUTION:**

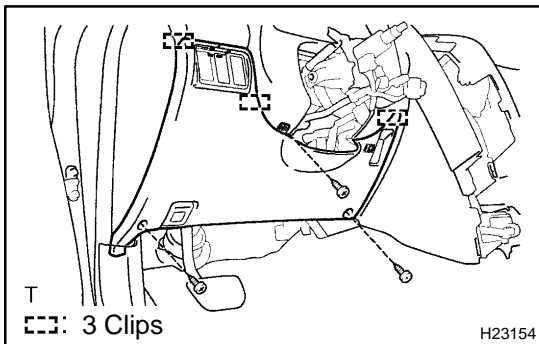
- Do not store the front passenger airbag assembly with the airbag deployment side facing down.
- Never disassemble the front passenger airbag assembly.

**11. REMOVE STEERING WHEEL PAD (See page SR-13 )**

**12. REMOVE STEERING WHEEL (See page SR-13 )**

**13. REMOVE COLUMN UPPER AND LOWER COVERS (See page SR-13 )**

**14. REMOVE SPIRAL CABLE (See page SR-13 )**



**15. REMOVE LOWER FINISH PANEL**

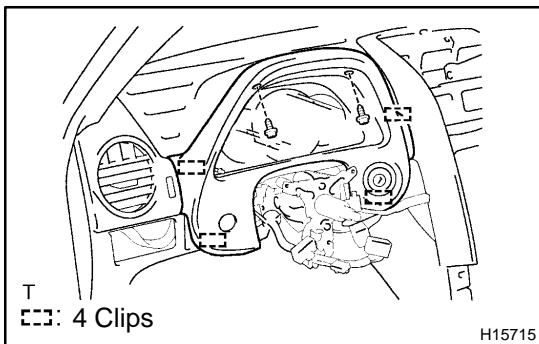
(a) Remove the 3 screws.

(b) Using a screwdriver, disengage the 3 clips and remove the lower finish panel.

**HINT:**

Tape the screwdriver tip before use.

(c) Disconnect the connectors and hood lock control cable.



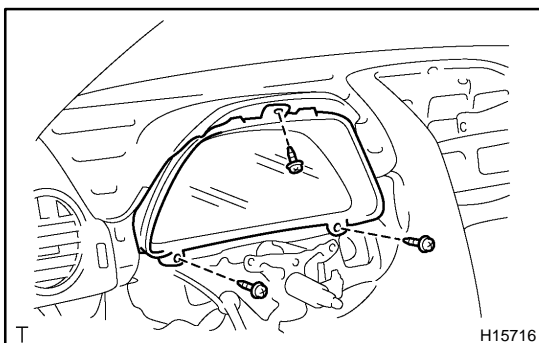
**16. REMOVE CLUSTER FINISH PANEL**

(a) Remove the 2 screws.

(b) Using a screwdriver, disengage the 4 clips and remove the cluster finish panel.

**HINT:**

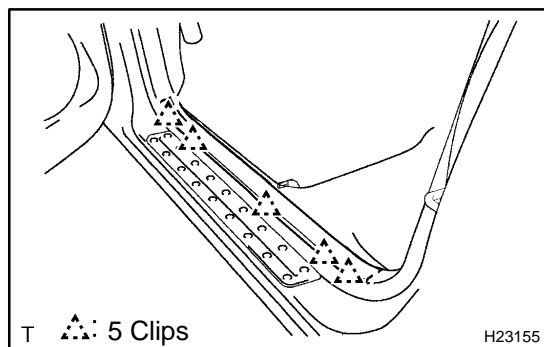
Tape the screwdriver tip before use.



**17. REMOVE COMBINATION METER**

(a) Remove the 3 screws and combination meter.

(b) Disconnect the connector.

**18. REMOVE FRONT DOOR INSIDE SCUFF PLATE LH**

- (a) Using a screwdriver, disengage the 5 clips and remove the front door inside scuff plate.

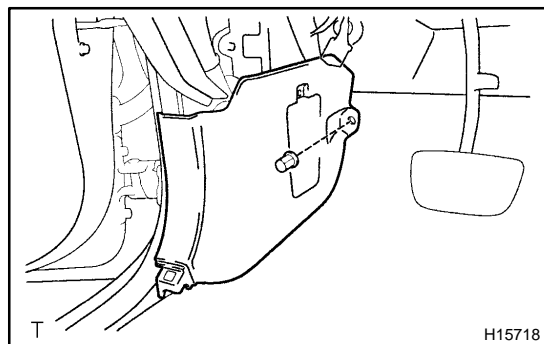
HINT:

Tape the screwdriver tip before use.

**19. REMOVE FRONT DOOR INSIDE SCUFF PLATE RH**

HINT:

Use the same procedures described for the LH side.

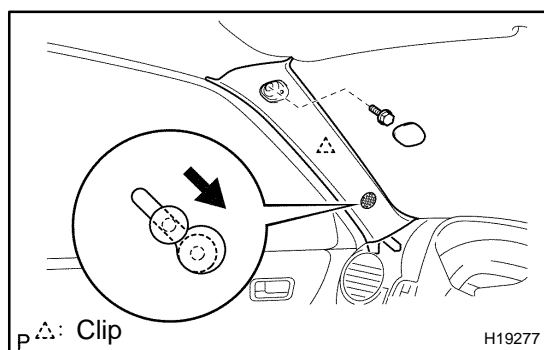
**20. REMOVE COWL SIDE TRIM BOARD LH**

- (a) Remove the clip.  
(b) Pull the cowl side trim board rearward to remove it.

**21. REMOVE COWL SIDE TRIM BOARD RH**

HINT:

Use the same procedures described for the LH side.

**22. REMOVE FRONT PART OF FRONT DOOR OPENING TRIMS****23. REMOVE FRONT PILLAR GARNISH LH**

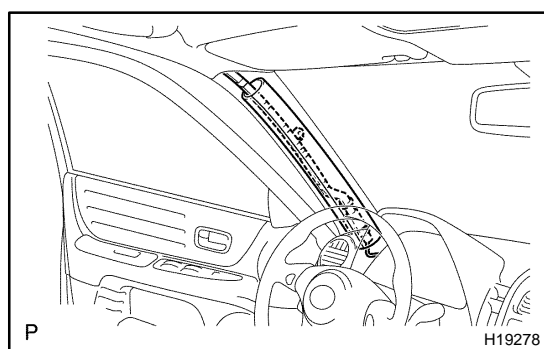
- (a) Using a screwdriver, remove the pillar garnish cover.  
(b) Remove the bolt.  
(c) Using a screwdriver, remove the pillar garnish.

HINT:

Tape the screwdriver tip before use.

- (d) Remove the bolt.

**Torque: 9.8 N·m (100 kgf·cm, 87in.-lbf)**



- (e) Cover the airbag with protective cover as shown in the illustration..

**24. REMOVE FRONT PILLAR GARNISH RH**

HINT:

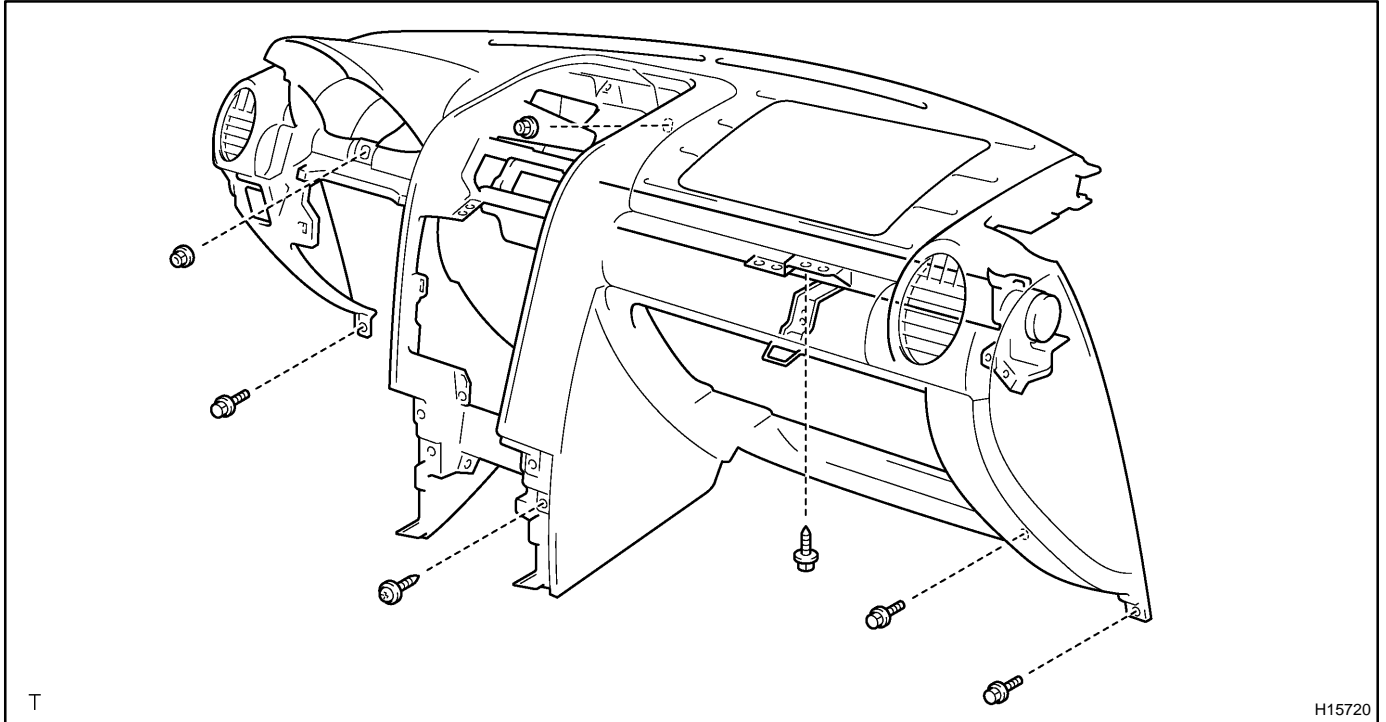
Use the same procedures described for the LH side.

**25. REMOVE INSTRUMENT PANEL**

- (a) Disconnect the connectors.
- (b) Disengage the wire harness clamps.
- (c) Remove the 3 bolts, 2 screws and 2 nuts.
- (d) Pull the instrument panel rearward to remove it.

**NOTICE:**

**Be careful not to damage the instrument panel and wire harness**



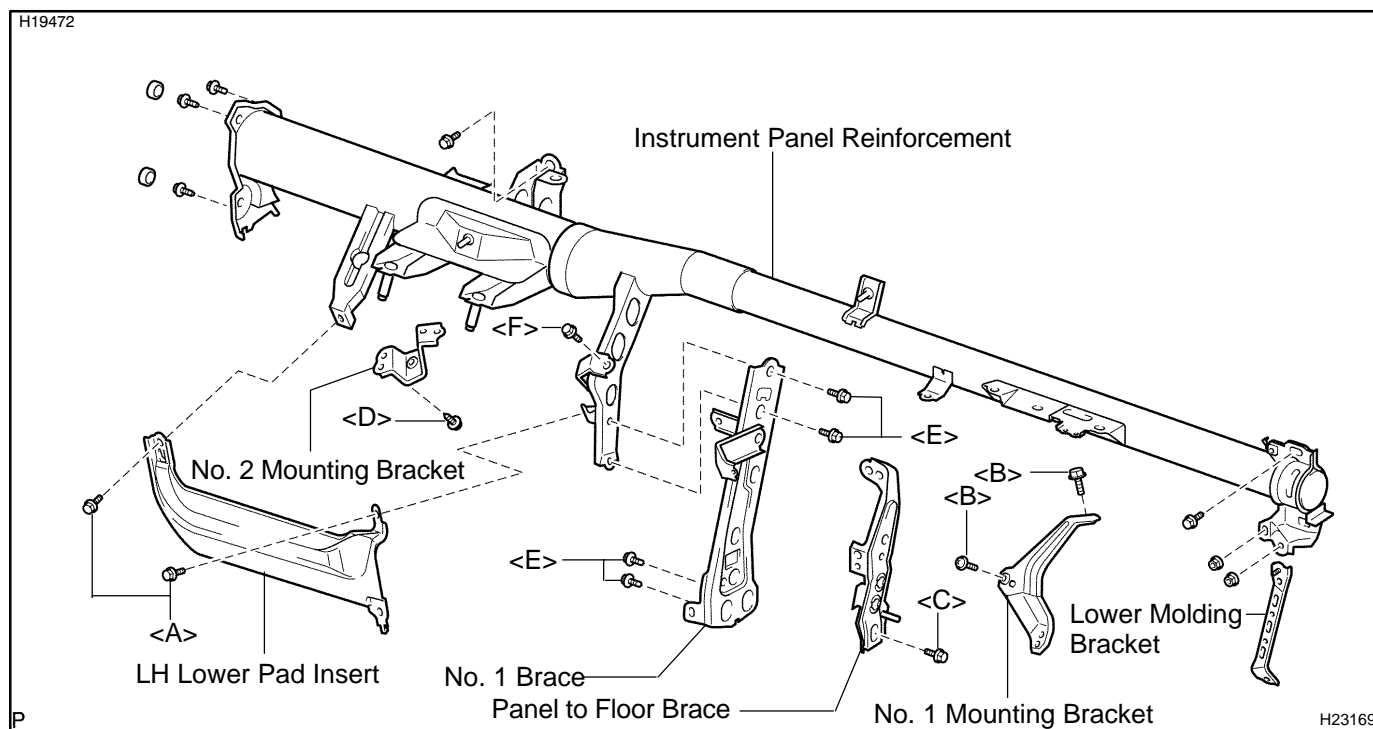


**26. REMOVE INSTRUMENT PANEL REINFORCEMENT**

- (a) Disengage the wire harness clamps.
- (b) Remove the bolt<F> and ground cable.
- (c) Remove the 2 bolts <A> and LH lower pad insert.
- (d) Remove the bolt<B>, screw<B> and No. 1 mounting bracket.
- (e) Remove the bolt<C> and panel to floor brace.
- (f) Remove the bolt<D> and No. 2 mounting bracket.
- (g) Remove the 4 bolts<E> and No. 1 brace.
- (h) Remove the 5 bolts, 2 nuts, instrument panel reinforcement and the lower mounting bracket.

**NOTICE:**

**Be careful not to damage the body and wire harness.**



## DISASSEMBLY

### 1. REMOVE SIDE DEFROSTER DUCT

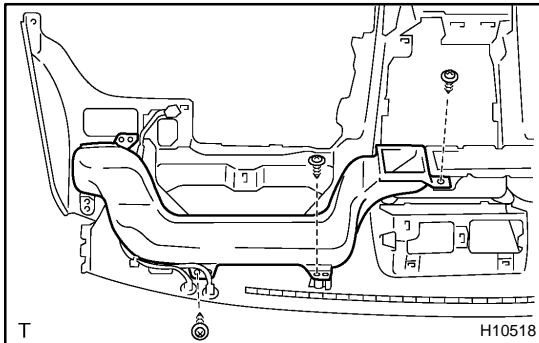
Remove the screw, then disconnect the side defroster duct as shown in the illustration.

### 2. REMOVE NO. 2 SIDE DEFROSTER NOZZLE DUCT

Remove the screw and side defroster nozzle duct.

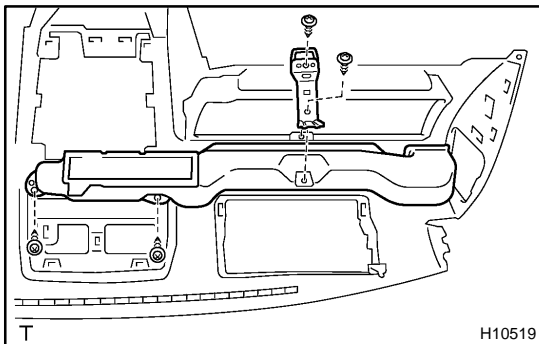
### 3. REMOVE DEFROSTER NOZZLE ASSEMBLY

Remove the 3 screws and defroster nozzle assembly.



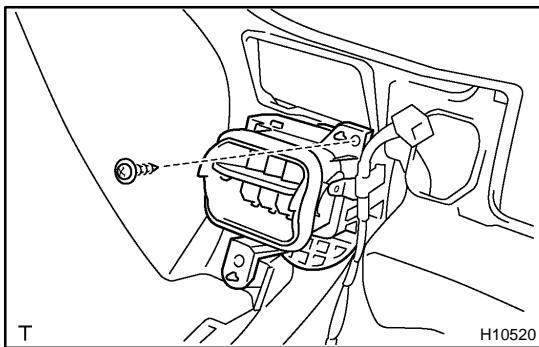
### 4. REMOVE NO. 1 HEATER TO REGISTER DUCT

Remove the 3 screws and heater to register duct.



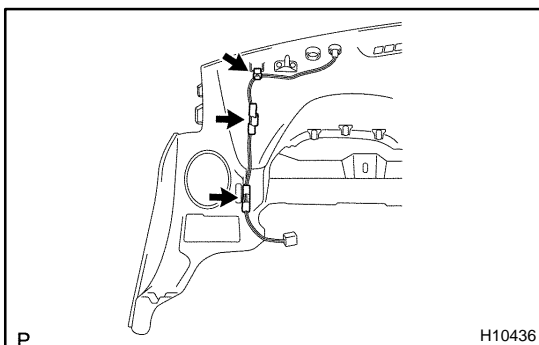
### 5. REMOVE NO. 2 HEATER TO REGISTER DUCT

- (a) Remove the 2 screws and center bracket.
- (b) Remove the 2 screws and heater to register duct.



### 6. REMOVE NO. 1 REGISTER AND NO. 2 REGISTER

Remove the screw and register as shown in the illustration.

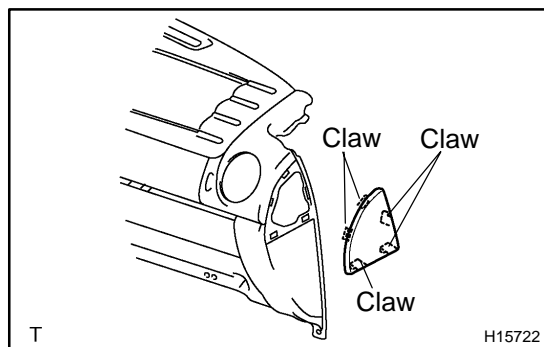


### 7. REMOVE NO. 2 INSTRUMENT PANEL WIRE

- (a) Disconnect the connectors.
- (b) Disengage the wire harness clamps and remove the instrument panel wire.

### 8. REMOVE SOLAR SENSOR

### 9. REMOVE LIGHT CONTROL SWITCH SENSOR AND HOLE COVER

**10. REMOVE INSTRUMENT SIDE PANEL**

Using a screwdriver, disengage the 5 claws and remove the instrument side panel.

HINT:

Tape the screwdriver tip before use.

**11. REMOVE NO. 1 PINS**

Remove the 4 screws and pins.

**12. REMOVE INSTRUMENT PANEL END PAD**

- (a) Using a heat light, heat the end pad between 20 to 30°C (68 to 86°F).

**NOTICE:**

**Do not heat the end pad excessively.**

- (b) Remove the end pad.

HINT:

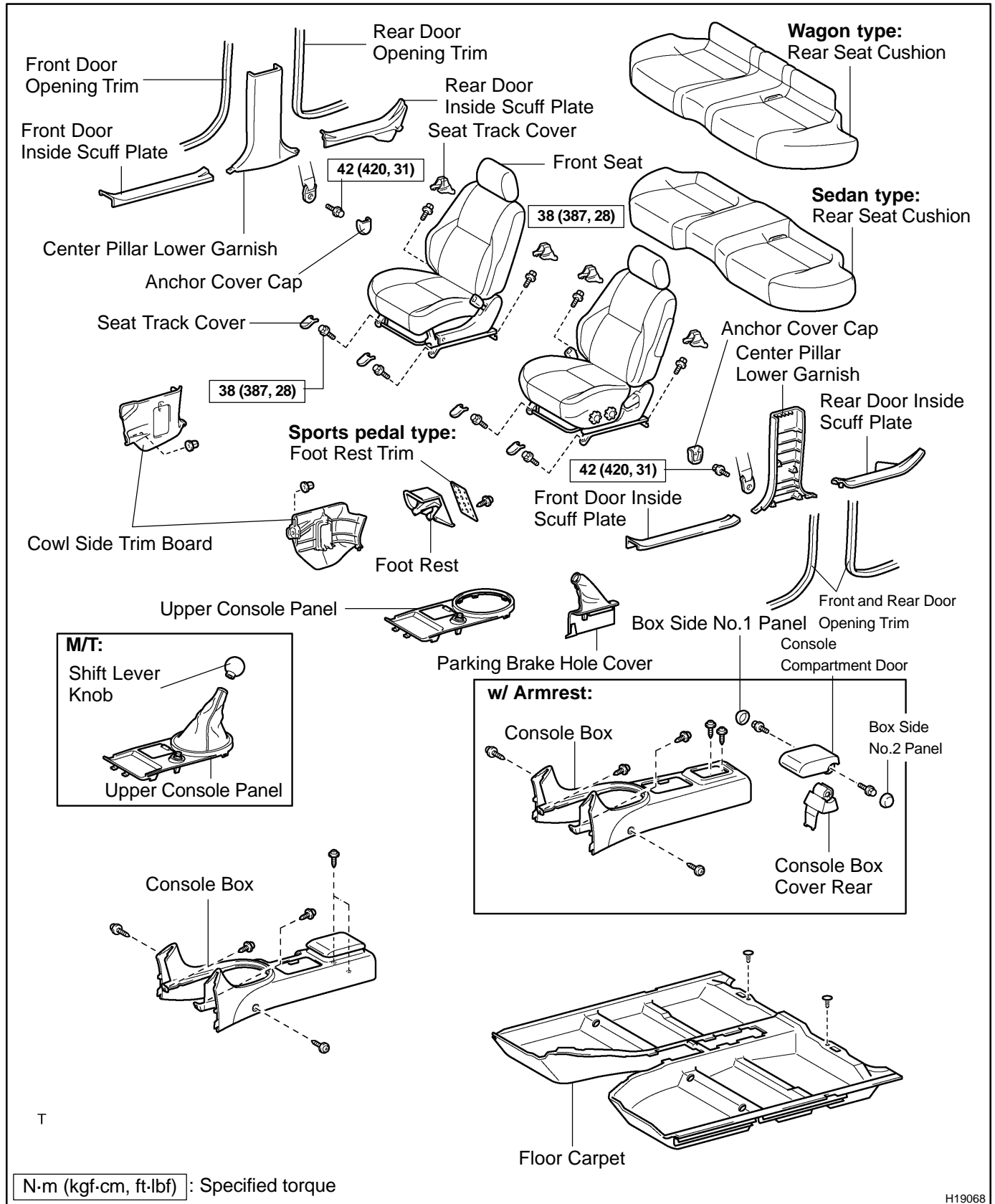
When replacing the end pad, use a new pad.

## INSTALLATION

The installation procedures are the removal procedures in reverse order (see page [BO-139](#) ).

# FLOOR CARPET COMPONENTS

BO0W1-10

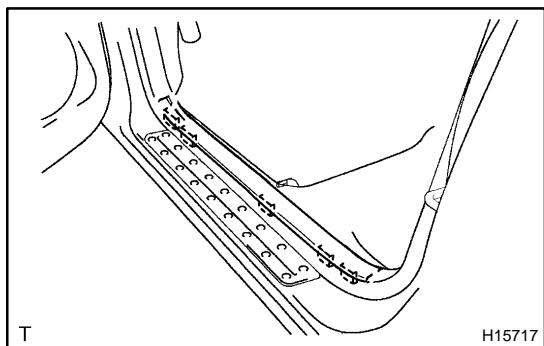


## REMOVAL

### HINT:

A bolt without a torque specification is shown in the standard bolt chart. (see page [SS-2](#) )

1. **REMOVE FRONT SEAT**  
(See page [BO-173](#) and [BO-185](#) )
2. **Sedan Type:**  
**REMOVE REAR SEAT CUSHION** (See page [BO-204](#) )
3. **Wagon Type:**  
**REMOVE REAR SEAT CUSHION** (See page [BO-204](#) )



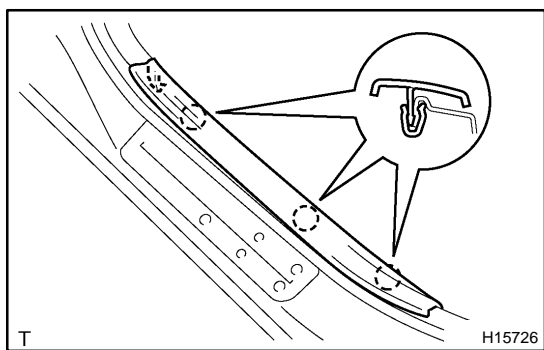
#### 4. REMOVE FRONT DOOR INSIDE SCUFF PLATE

- (a) Using a screwdriver, remove the front door inside scuff plate.

### HINT:

Tape the screwdriver tip before use.

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



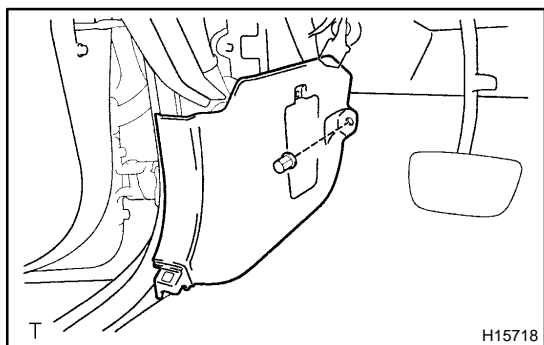
#### 5. REMOVE REAR DOOR INSIDE SCUFF PLATE

- (a) Using a screwdriver, remove the rear door inside scuff plate.

### HINT:

Tape the screwdriver tip before use.

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



#### 6. REMOVE COWL SIDE TRIM BOARD

- (a) Remove the clip and cowl side trim board.
- (b) Employ the same manner described above to the other side.

#### 7. REMOVE FRONT DOOR OPENING TRIMS

#### 8. REMOVE REAR DOOR OPENING TRIMS

#### 9. REMOVE FRONT SEAT OUTER BELT FLOOR ANCHORS

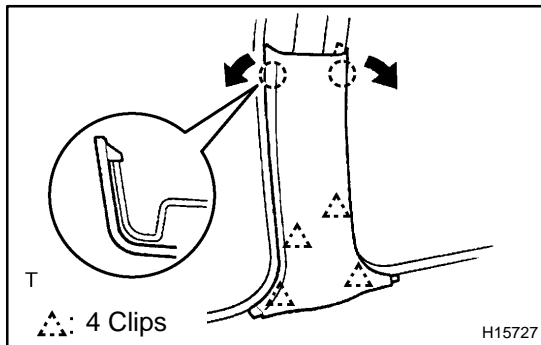
- (a) Using a screwdriver, remove the floor anchor cover caps.

HINT:

Tape the screwdriver tip before use.

- (b) Remove the 2 bolts and floor anchors.

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



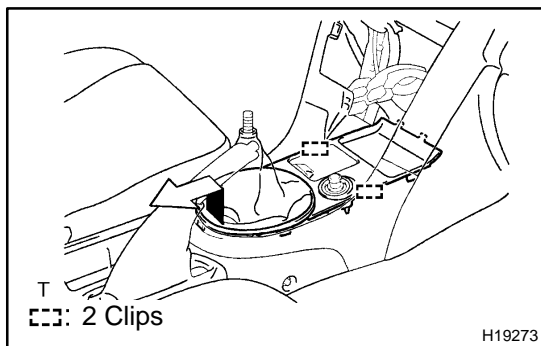
#### 10. REMOVE CENTER PILLAR LOWER GARNISH

- (a) Remove the center pillar lower garnish as shown in the illustration.

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

#### 11. M/T:

#### REMOVE SHIFT LEVER KNOB



#### 12. REMOVE UPPER CONSOLE PANEL

- (a) M/T:

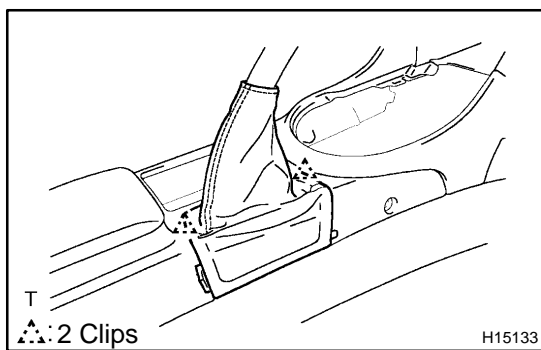
Remove the shift lever knob.

- (b) Using a screwdriver, remove the upper console panel as shown in the illustration.

HINT:

Tape the screwdriver tip before use.

- (c) Disconnect the connector.

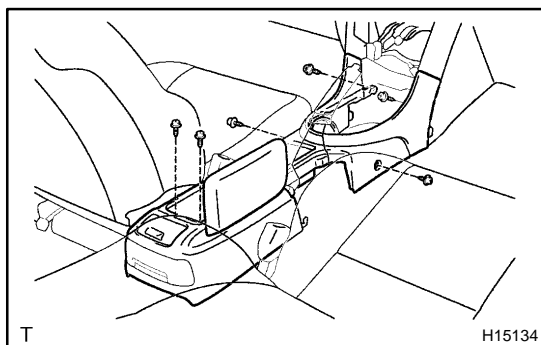


#### 13. REMOVE PARKING BRAKE HOLE COVER

Using a screwdriver, remove the parking brake hole cover.

HINT:

Tape the screwdriver tip before use.



#### 14. w/o Arm Rest:

#### REMOVE CONSOLE BOX

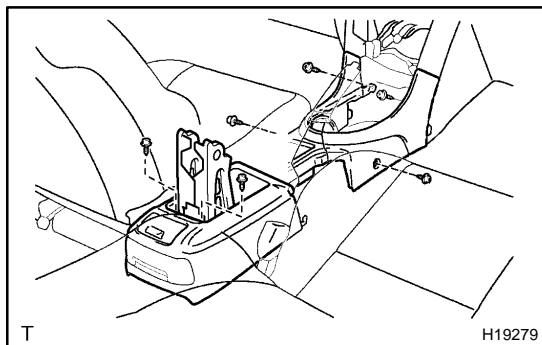
- (a) Remove the 6 screws.

- (b) w/o LEXUS navigation system:

Pull the console box rearward to remove it.

- (c) w/ LEXUS navigation system:

Pull the console box rearward to remove it, then disconnect the connector.

**15. w/ Arm Rest:****REMOVE CONSOLE BOX**

- (a) Using a screwdriver, remove the box side No.1 and No.2 panel.

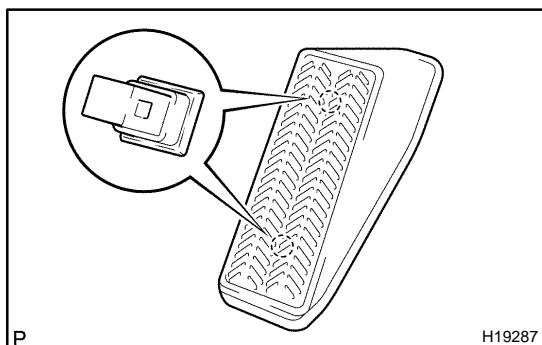
**HINT:**

Tape the screwdriver tip before use.

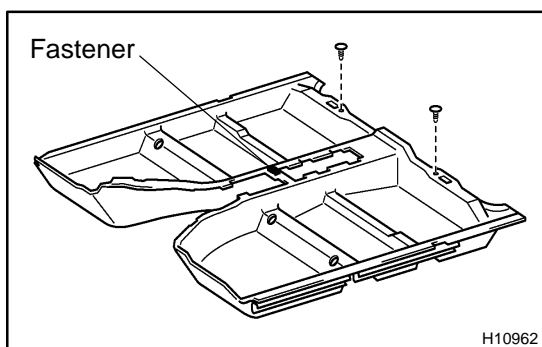
- (b) Remove the 2 bolts and console compartment door.  
 (c) Remove the console box cover rear.  
 (d) Remove the 6 screws.  
 (e) w/o LEXUS navigation system:  
 Pull the console box rearward to remove it.  
 (f) w/ LEXUS navigation system:  
 Pull the console box rearward to remove it, then disconnect the connector.

**16. REMOVE FOOT REST**

- (a) Sports pedal type:  
 Remove the 4 screws and foot rest trim.



- (b) Using a screwdriver, remove the foot rest as shown in the illustration.

**17. REMOVE FLOOR CARPET**

- (a) Peel off the fastener.  
 (b) Remove the 2 clips.  
 (c) Disengage the hooks and remove the floor carpet.

**NOTICE:**

**Be careful not to pull the wire harness.**

**HINT:**

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

- When installing the floor mat, pull out the wire harness and levers through the cutout of the floor carpet.
- There should be no wrinkles or folds after attaching the floor carpet.

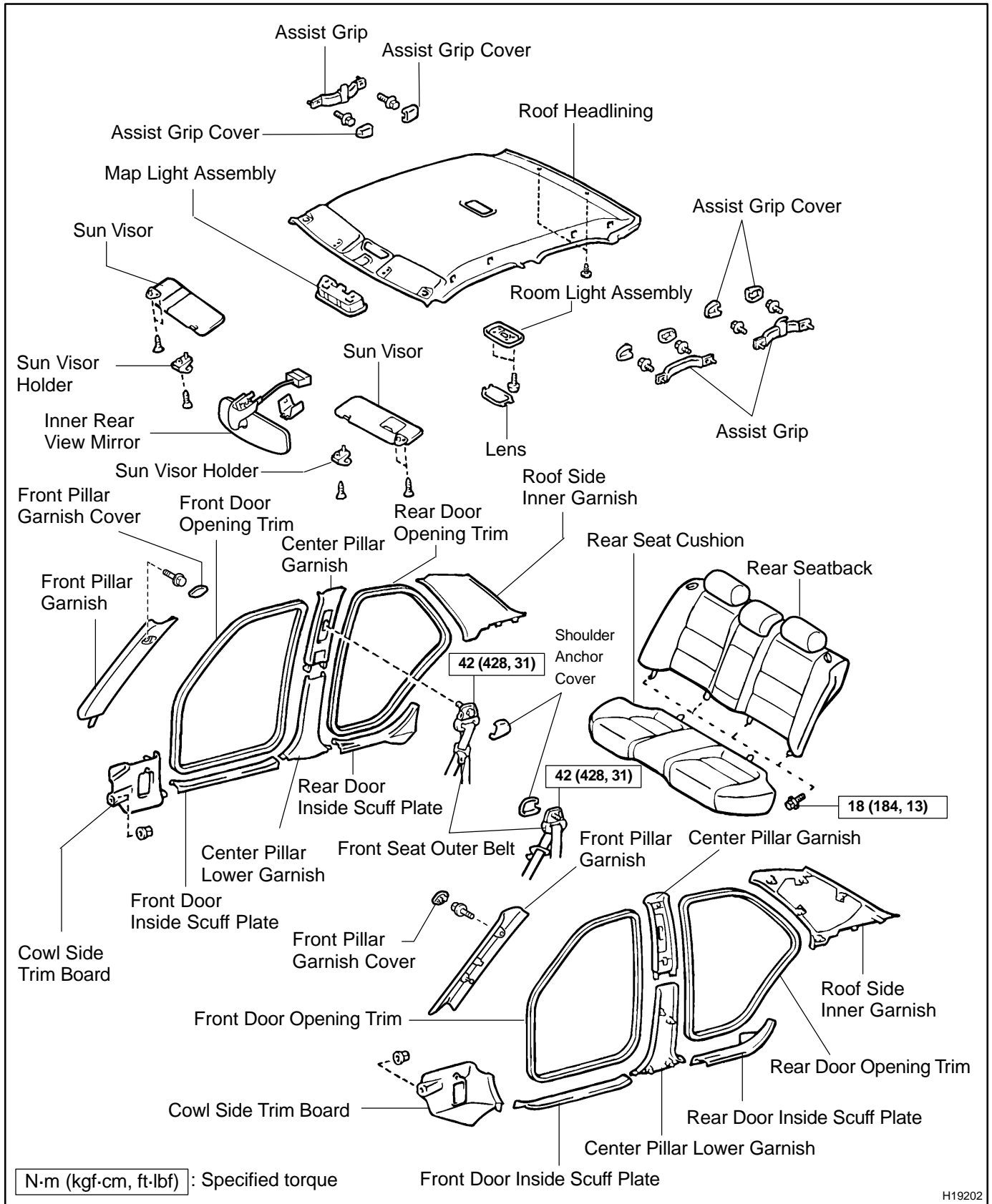


## INSTALLATION

The installation procedures are the removal procedures in reverse order (See page [BO-151](#) ).

# ROOF HEADLINING (Sedan) COMPONENTS

BO4DU-02



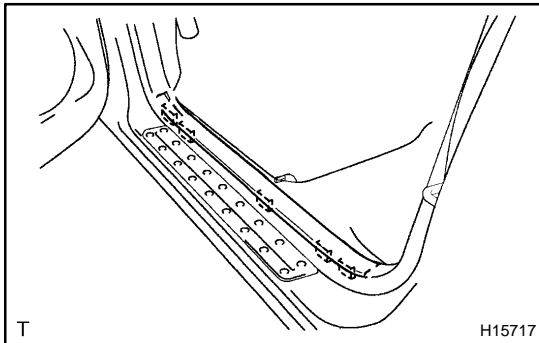
H19202

## REMOVAL

### HINT:

A bolt without a torque specification is shown in the standard bolt chart. (see page [SS-2](#) )

1. **REMOVE REAR SEAT CUSHION** (See page [BO-196](#) )
2. **REMOVE REAR SEATBACK** (See page [BO-196](#) )



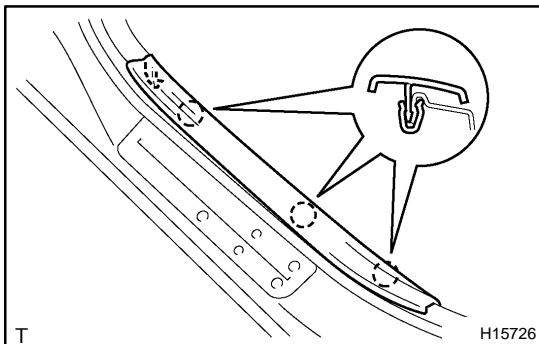
### 3. REMOVE FRONT DOOR INSIDE SCUFF PLATE

- (a) Using a screwdriver, remove the front door inside scuff plate as shown in the illustration.

### HINT:

Tape the screwdriver tip before use.

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



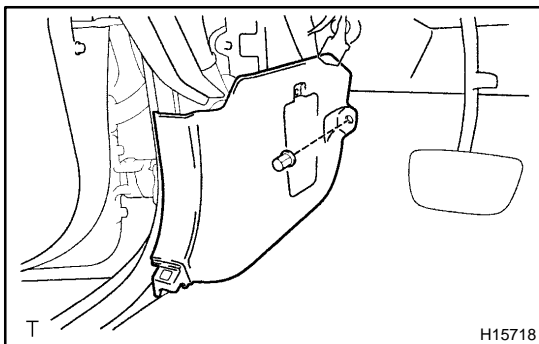
### 4. REMOVE REAR DOOR INSIDE SCUFF PLATE

- (a) Using a screwdriver, remove the rear door inside scuff plate as shown in the illustration.

### HINT:

Tape the screwdriver tip before use.

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

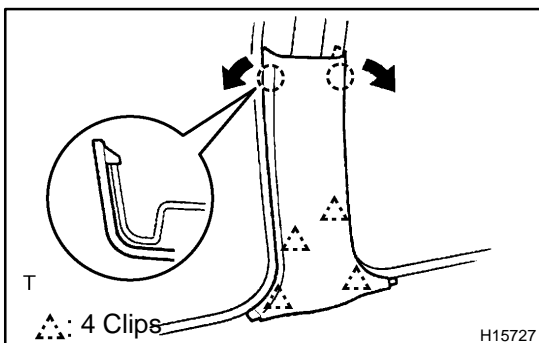


### 5. REMOVE COWL SIDE TRIM BOARD

- (a) Remove the clip and cowl side trim board.
- (b) Employ the same manner described above to the other side.

### 6. REMOVE FRONT DOOR OPENING TRIMS

### 7. REMOVE REAR DOOR OPENING TRIMS



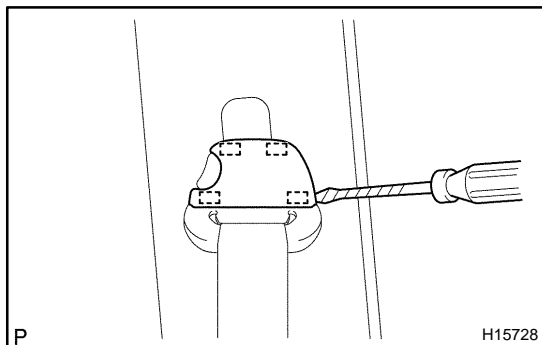
### 8. REMOVE CENTER PILLAR LOWER GARNISH

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

### HINT:

Tape the screwdriver tip before use.

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



## 9. REMOVE FRONT SEAT OUTER BELT SHOULDER ANCHOR

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

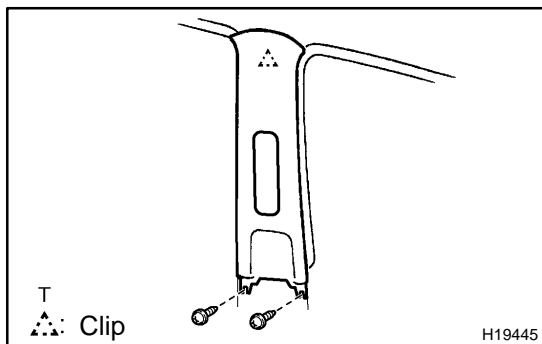
HINT:

Tape the screwdriver tip before use.

- (b) Remove the bolt and front seat outer belt shoulder anchor.

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

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



## 10. REMOVE CENTER PILLAR GARNISH

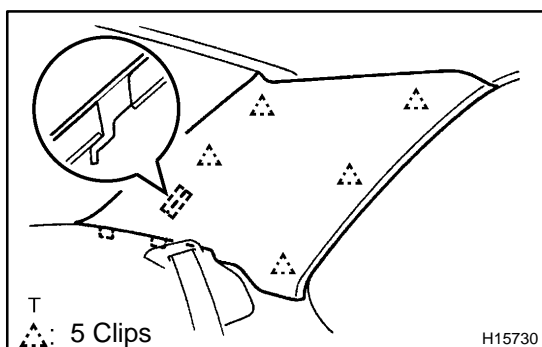
- (a) Remove the 2 screws.

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

HINT:

Tape the screwdriver tip before use.

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



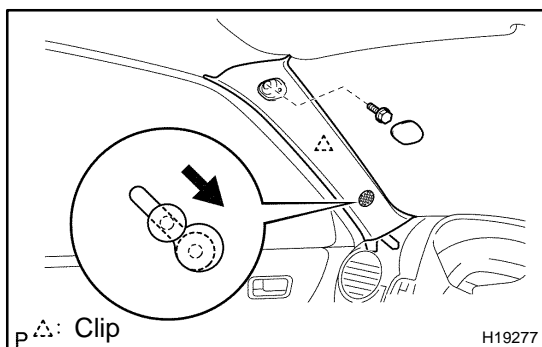
## 11. REMOVE ROOF SIDE INNER GARNISH

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

HINT:

Tape the screwdriver tip before use.

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



## 12. REMOVE FRONT PILLAR GARNISH

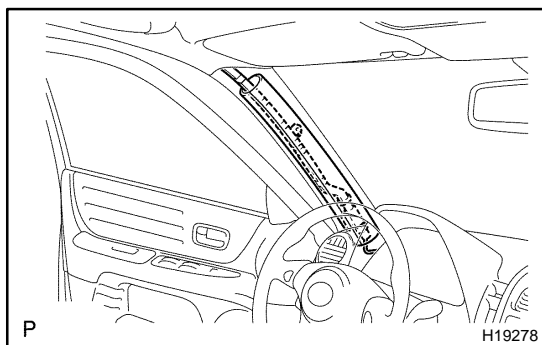
- (a) Using a screwdriver, remove the front pillar garnish cover.

HINT:

Tape the screwdriver tip before use.

- (b) Remove the bolt.

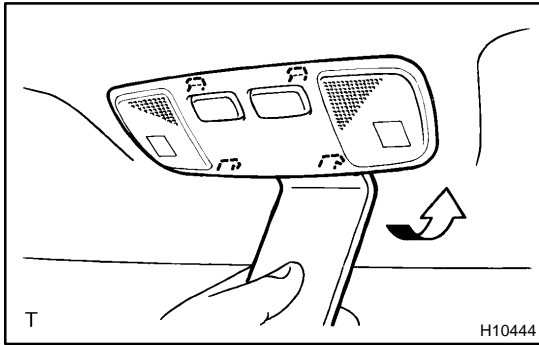
- (c) Using a screwdriver, remove the front pillar garnish.



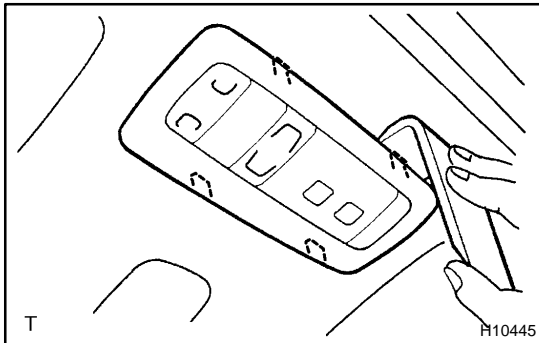
- (d) Remove the bolt.

- (e) Pack the airbag with protection cover.

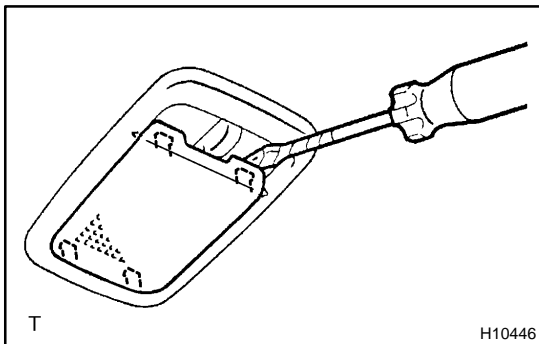
- (f) Employ the same manner described above to the other side.

**13. w/o Sliding roof:****REMOVE MAP LIGHT ASSEMBLY**

- (a) Using a moulding remover, remove the lens.
- (b) Remove the 2 screws and the map light assembly.
- (c) Disconnect the connector.

**14. w/ Sliding roof:****REMOVE MAP LIGHT ASSEMBLY**

- (a) Using a moulding remover, remove the cover.
- (b) Remove the 2 screws and the the map light assembly.
- (c) Disconnect the connector.

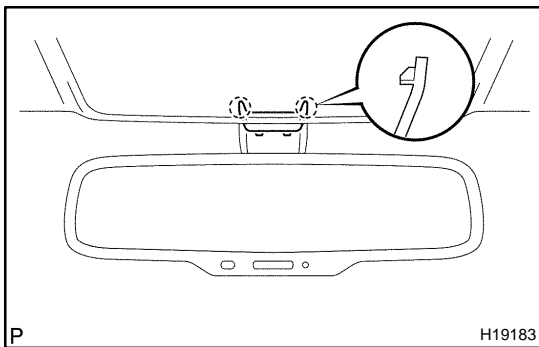
**15. REMOVE ROOM LIGHT ASSEMBLY**

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

**HINT:**

Tape the screwdriver tip before use.

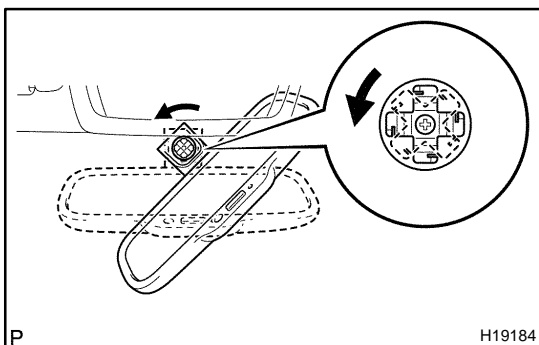
- (b) Remove the 2 screws and the room light assembly.
- (c) Disconnect the connector.

**16. w/ Sliding roof:****REMOVE ROOF OPENING TRIM****17. REMOVE INNER REAR VIEW MIRROR**

- (a) Using a screwdriver, remove the inner rear view mirror stay holder cover.

**HINT:**

Tape the screwdriver tip before use.



- (b) Electro chromic inner mirror:

Disconnect the connector.

- (c) Remove the mirror assembly by turning the stay part of the mirror counterclockwise.

**18. REMOVE ASSIST GRIPS**

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

**HINT:**

Tape the screwdriver tip before use.

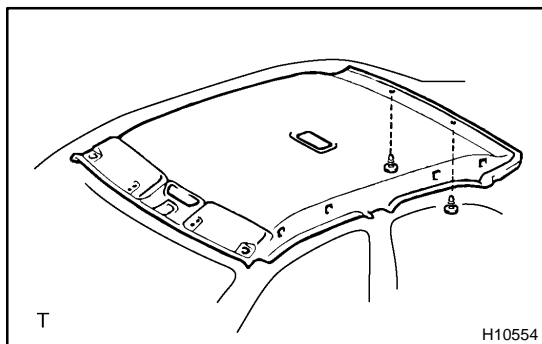
- (b) Remove the 6 bolts and 3 assist grips.

**19. REMOVE SUN VISORS**

- (a) Remove the 4 screws and pull the sun visors downward.
- (b) Disconnect the connectors.

**20. REMOVE SUN VISOR HOLDERS**

Remove the 2 screws and 2 holders.

**21. REMOVE ROOF HEADLINING**

- (a) Remove the 2 clips.
- (b) Pull the roof headlining downward to remove it.

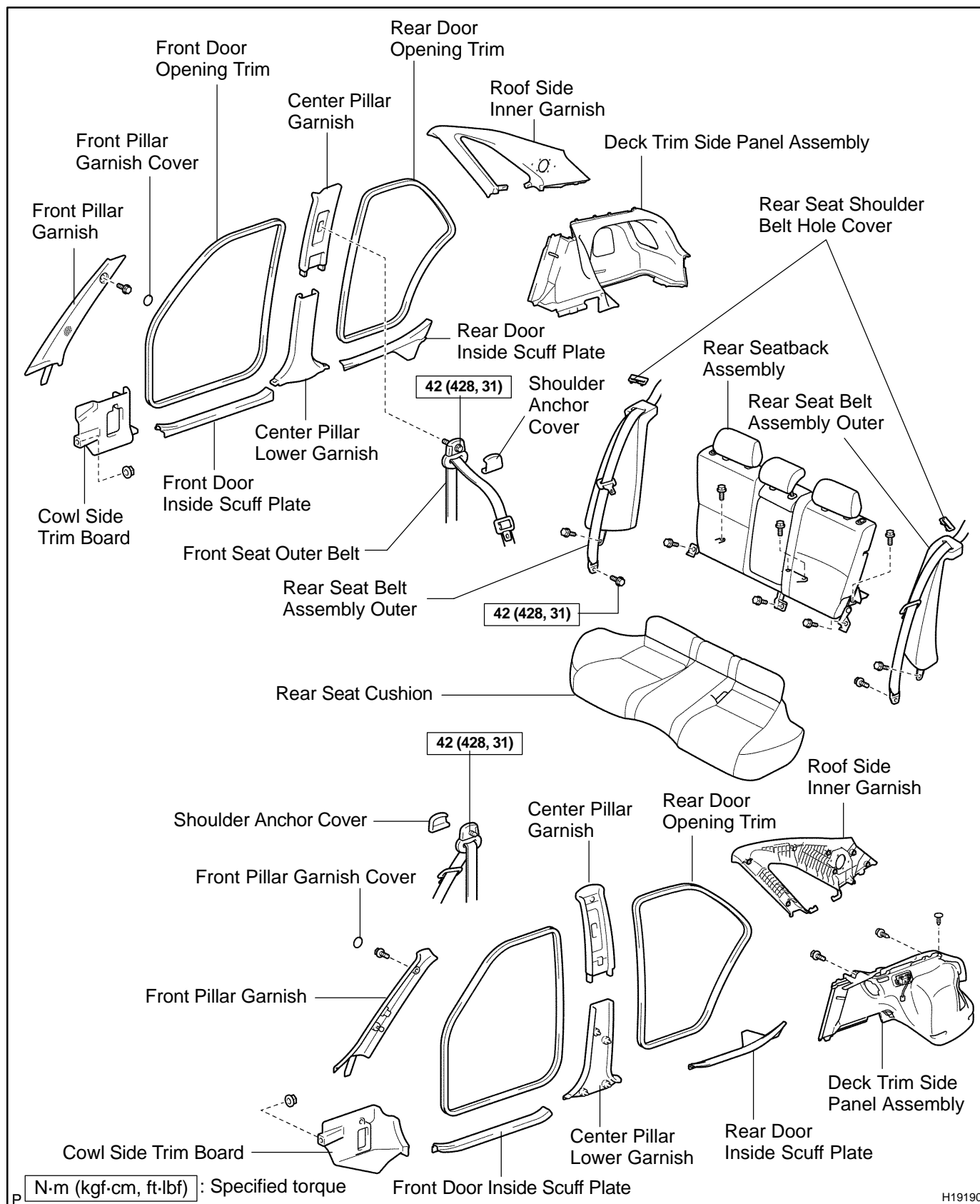
## INSTALLATION

The installation procedures are the removal procedures in reverse order (See page [BO-156](#) ).

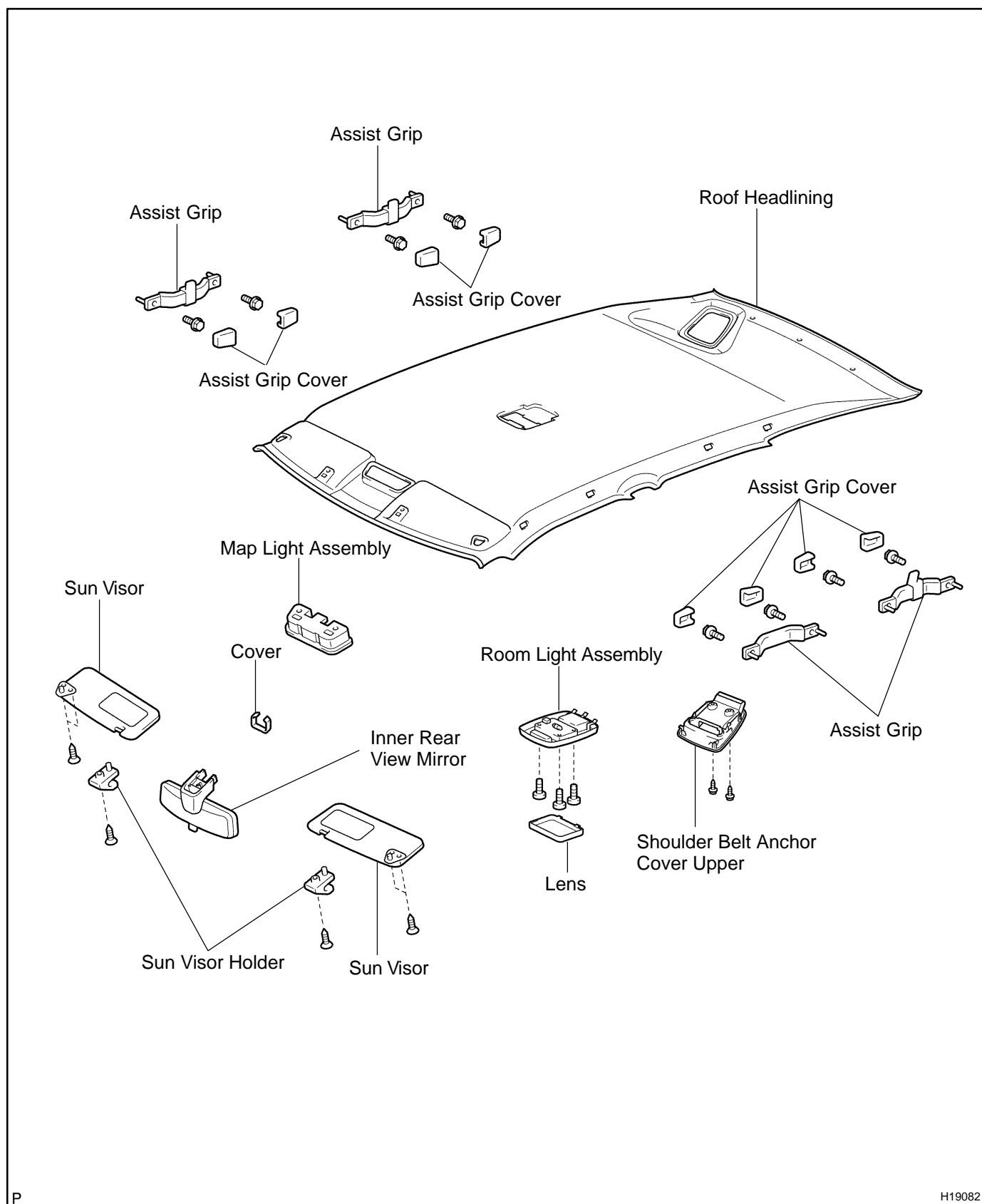
# ROOF HEADLINING (Wagon)

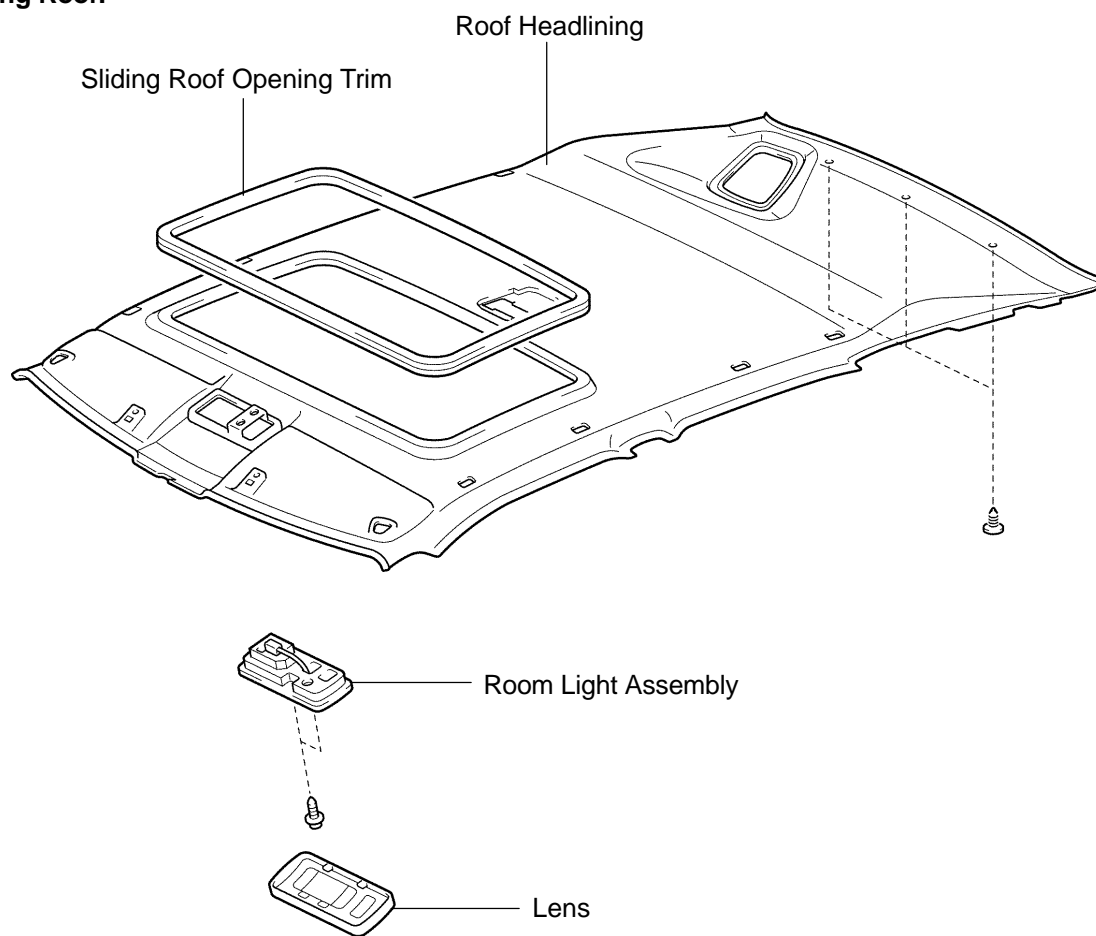
## COMPONENTS

BO4DX-02







**w/ Sliding Roof:**

P

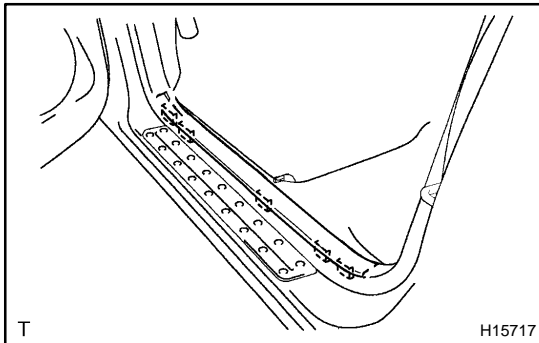
H19083

## REMOVAL

### HINT:

A bolt without a torque specification is shown in the standard bolt chart. (see page [SS-2](#) )

1. **REMOVE REAR SEAT CUSHION** (See page [BO-204](#) )
2. **REMOVE SIDE SEATBACK ASSEMBLY**(See page [BO-204](#) )



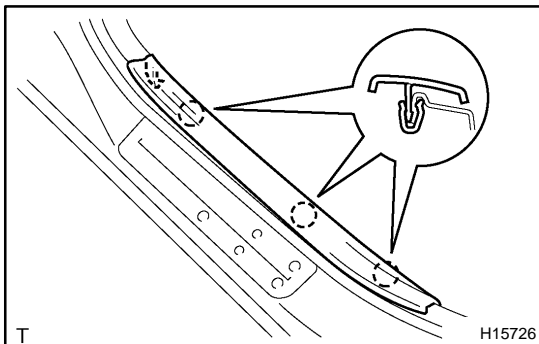
### 3. REMOVE FRONT DOOR INSIDE SCUFF PLATE

- (a) Using a screwdriver, remove the front door inside scuff plate as shown in the illustration.

### HINT:

Tape the screwdriver tip before use.

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



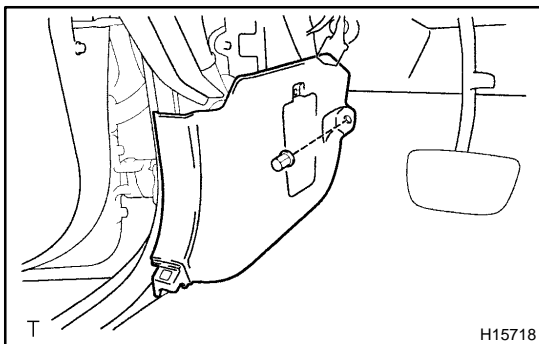
### 4. REMOVE REAR DOOR INSIDE SCUFF PLATE

- (a) Using a screwdriver, remove the rear door inside scuff plate as shown in the illustration.

### HINT:

Tape the screwdriver tip before use.

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

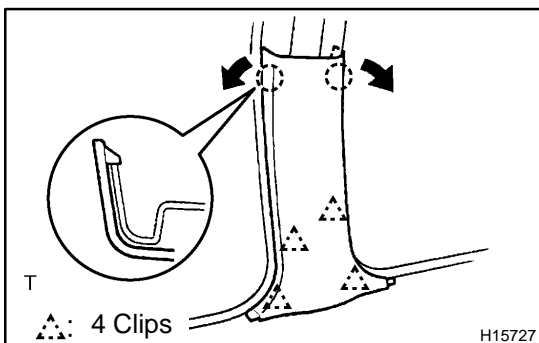


### 5. REMOVE COWL SIDE TRIM BOARD

- (a) Remove the clip and cowl side trim board.
- (b) Employ the same manner described above to the other side.

### 6. REMOVE FRONT DOOR OPENING TRIMS

### 7. REMOVE REAR DOOR OPENING TRIMS



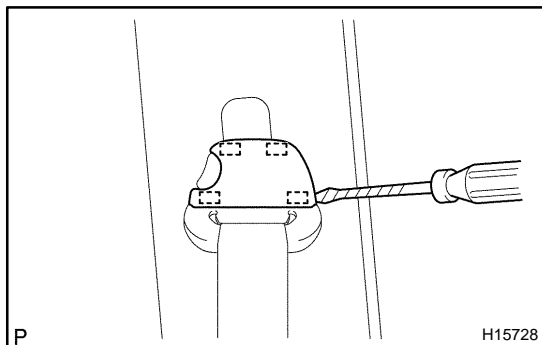
### 8. REMOVE CENTER PILLAR LOWER GARNISH

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

### HINT:

Tape the screwdriver tip before use.

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



### 9. REMOVE FRONT SEAT OUTER BELT SHOULDER ANCHOR

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

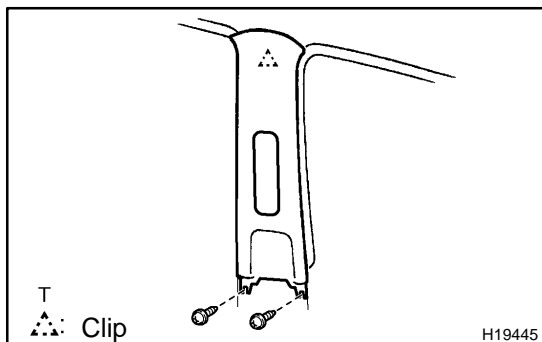
HINT:

Tape the screwdriver tip before use.

- (b) Remove the bolt and front seat outer belt shoulder anchor.

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

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



### 10. REMOVE CENTER PILLAR GARNISH

- (a) Remove the 2 screws.

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

HINT:

Tape the screwdriver tip before use.

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

### 11. REMOVE REAR SEAT CUSHION (See page [BO-204](#) )

### 12. REMOVE REAR SIDE SEAT BACK (See page [BO-204](#) )

### 13. REMOVE REAR SEAT FLOOR BOARD NO.4

- (a) Remove the seat back board carpets.

- (b) Remove the 2 bolts and rear floor board No.4.

### 14. REMOVE DECK FLOOR BOX FRONT

- (a) Remove the 2 bolts and 2 rope hook assemblies.

- (b) Remove the 2 bolts and 2 tether anchor brackets.

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

- (c) Remove the restraint seat tether anchor cover.

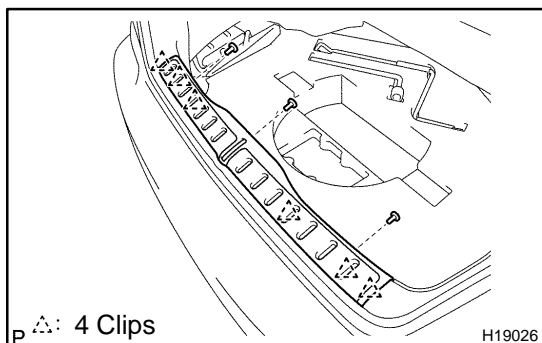
- (d) Remove the deck floor box front.

### 15. REMOVE DECK BOARD NO.2

### 16. REMOVE REAR FLOOR BOARD NO.2

### 17. REMOVE REAR FLOOR BOARD NO.3

### 18. REMOVE TONNEAU COVER ASSEMBLY



### 19. REMOVE REAR FLOOR FINISH PLATE

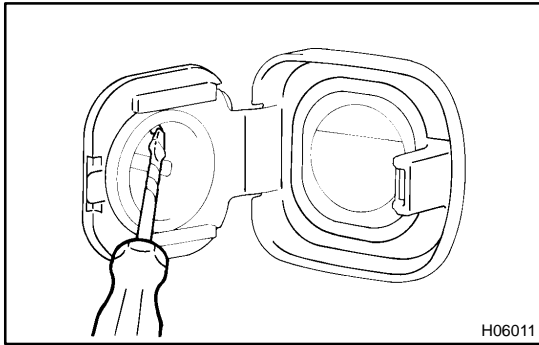
- (a) Remove the 2 bolts and 2 rope hook assemblies.

- (b) Remove the 3 clips.

- (c) Using a screwdriver, remove the rear floor finish plate.

HINT:

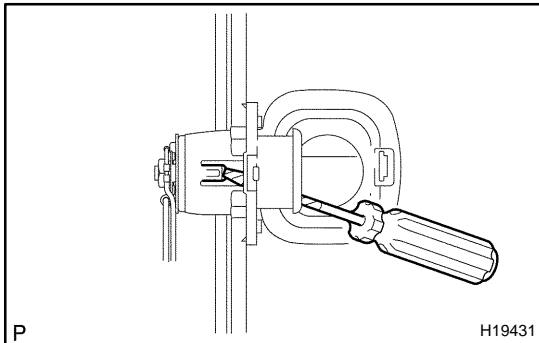
Tape the screwdriver tip before use.

**20. RH Side:****REMOVE ACCESSORY SOCKET**

- (a) Using a screwdriver, disengage the claw on the accessory socket cover from the hole in the accessory socket, then pull out the accessory socket approx. 10 mm (0.39 in.).

HINT:

Tape the screwdriver tip before use.

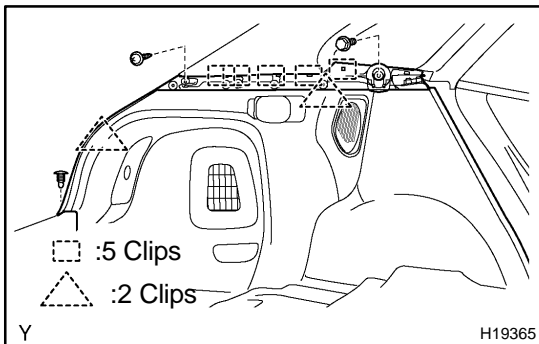


- (b) Using a screwdriver, disengage the claw on the accessory socket cover from the body and remove the accessory socket and cover as a unit.

HINT:

Tape the screwdriver tip before use.

- (c) Disconnect the connector.  
(d) Disassemble the accessory socket from the socket cover.

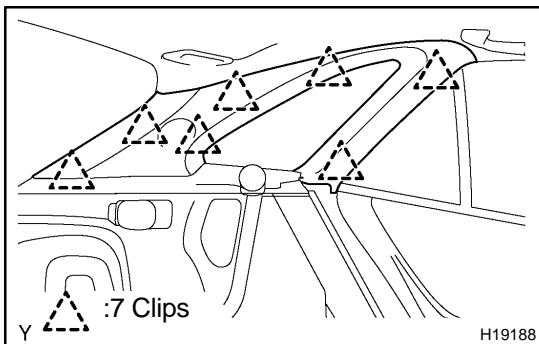
**21. REMOVE DECK TRIM SIDE PANEL ASSEMBLY**

- (a) Remove the 2 bolts and 2 floor hooks.  
(b) Remove the screw, bolt and clip.  
(c) Using a screwdriver, remove the deck trim side panel assembly then disconnect the connector.

HINT:

Tape the screwdriver tip before use.

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

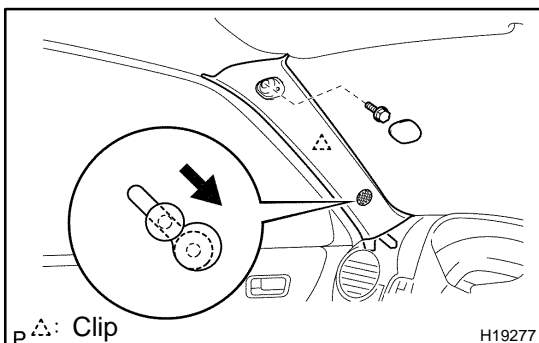
**22. REMOVE ROOF SIDE INNER GARNISH**

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

HINT:

Tape the screwdriver tip before use.

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

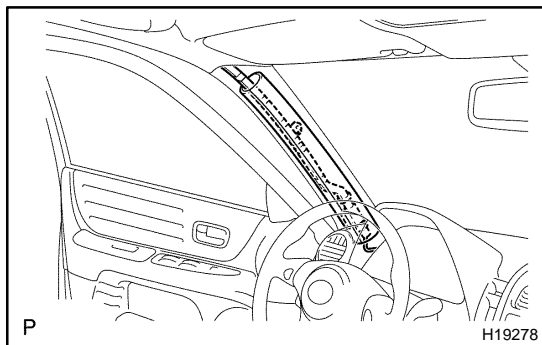
**23. REMOVE FRONT PILLAR GARNISH**

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

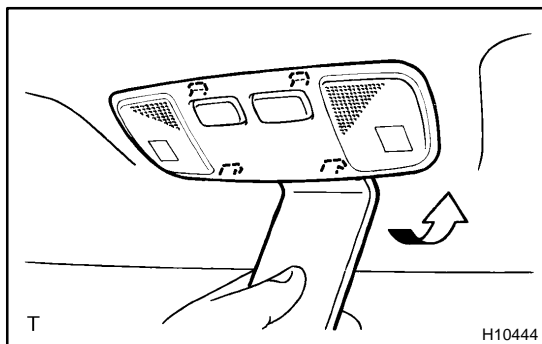
HINT:

Tape the screwdriver tip before use.

- (b) Remove the bolt.  
(c) Using a screwdriver, remove the front pillar garnish.  
(d) Remove the bolt.

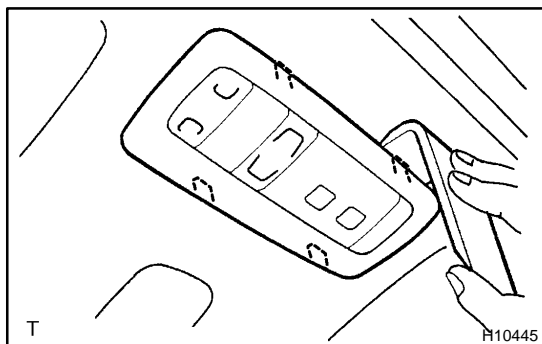


- (e) Pack the airbag with protection cover.
- (f) Employ the same manner described above to the other side.



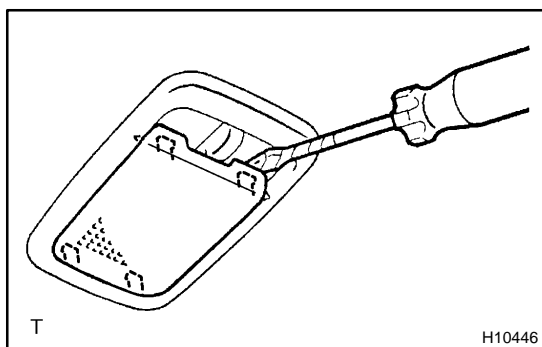
**24. w/o Sliding roof:  
REMOVE MAP LIGHT ASSEMBLY**

- (a) Using a moulding remover, remove the lens.
- (b) Remove the 2 screws and map light assembly.
- (c) Disconnect the connector.



**25. w/ Sliding roof:  
REMOVE MAP LIGHT ASSEMBLY**

- (a) Using a moulding remover, remove the cover.
- (b) Remove the 2 screws and map light assembly.
- (c) Disconnect the connector.



**26. REMOVE ROOM LIGHT ASSEMBLY**

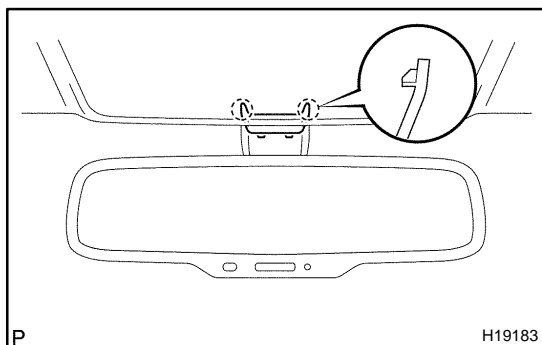
- (a) Using a screwdriver, remove the lens.

HINT:

Tape the screwdriver tip before use.

- (b) Remove the 2 screws and room light assembly.
- (c) Disconnect the connector.

**27. w/ Sliding Roof:  
REMOVE SLIDING ROOF OPENING TRIM**

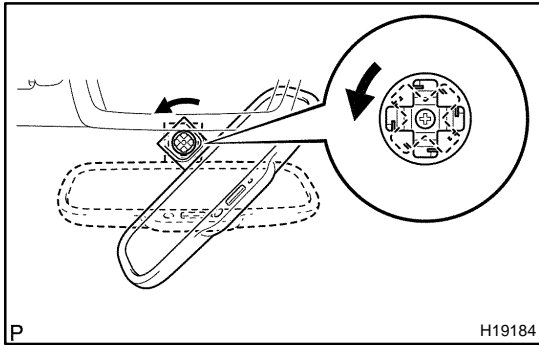


**28. REMOVE INNER REAR VIEW MIRROR**

- (a) Using a screwdriver, remove the inner rear view mirror stay holder cover.

HINT:

Tape the screwdriver tip before use.



- (b) Electro Chromic Inner Mirror:  
Disconnect the connector.
- (c) Remove the mirror assembly by turning the stay part of the mirror counterclockwise.

### 29. REMOVE ASSIST GRIPS

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

HINT:

Tape the screwdriver tip before use.

- (b) Remove the 6 bolts and 3 assist grips.

### 30. REMOVE 2 SUN VISOR

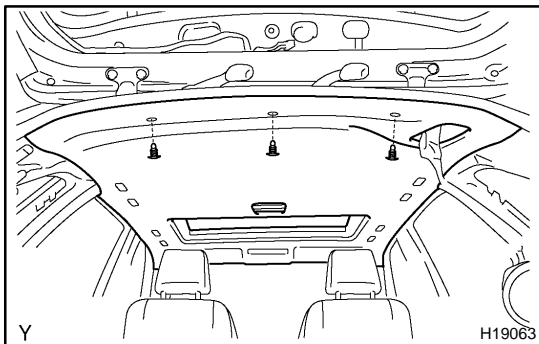
- (a) Remove the 4 screws and pull the sun visors downward.
- (b) Disconnect the connectors.

### 31. REMOVE 2 SUN VISOR HOLDER

Remove the 2 screws and 2 holders.

### 32. REMOVE SHOULDER BELT ANCHOR COVER UPPER

Remove the 2 screws and shoulder belt anchor cover upper.



### 33. REMOVE ROOF HEADLINING

- (a) Remove the 3 clips.
- (b) Pull the roof headlining downward to remove it.

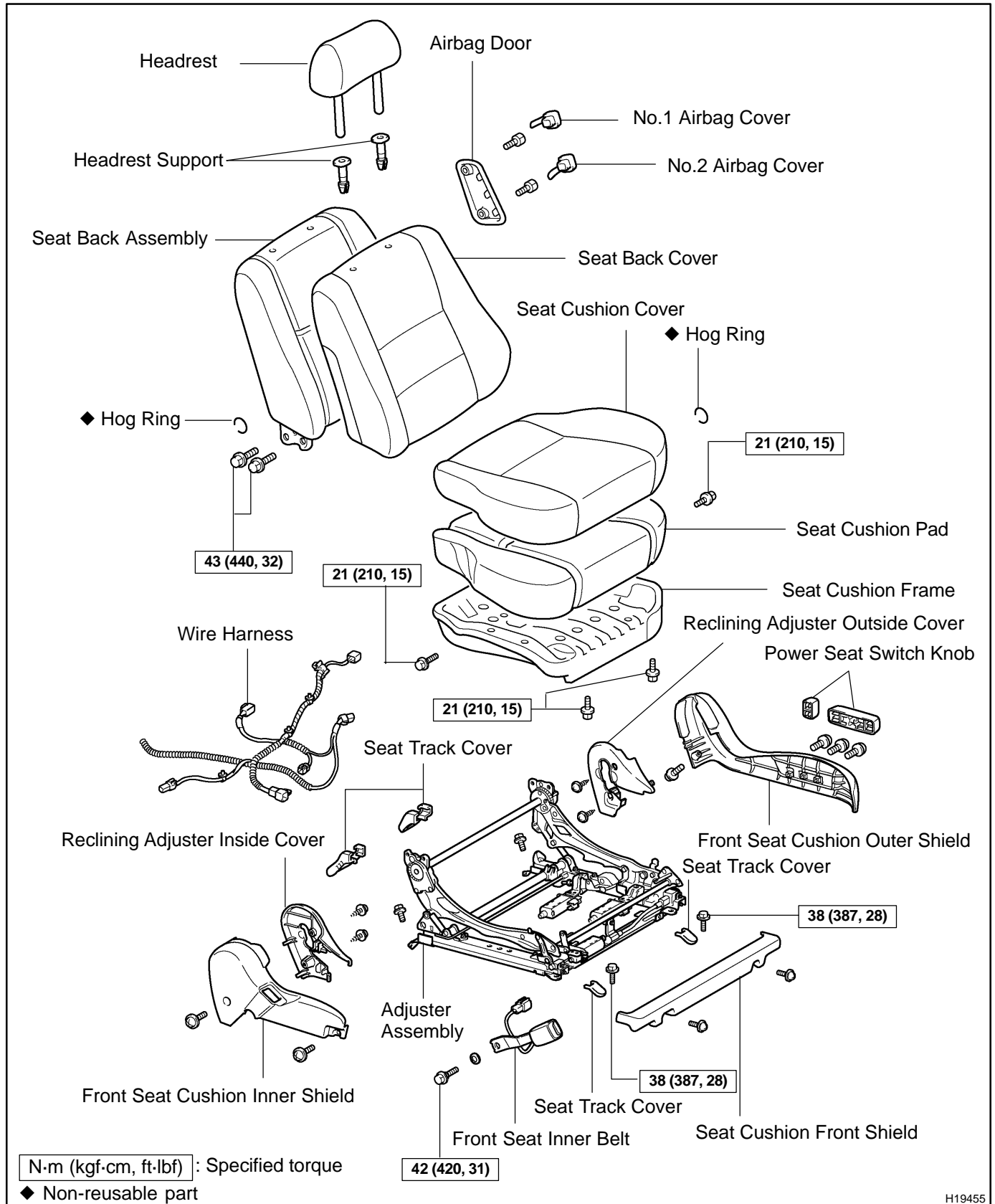
## INSTALLATION

The installation procedures are the removal procedures in reverse order (See page [BO-164](#) ).

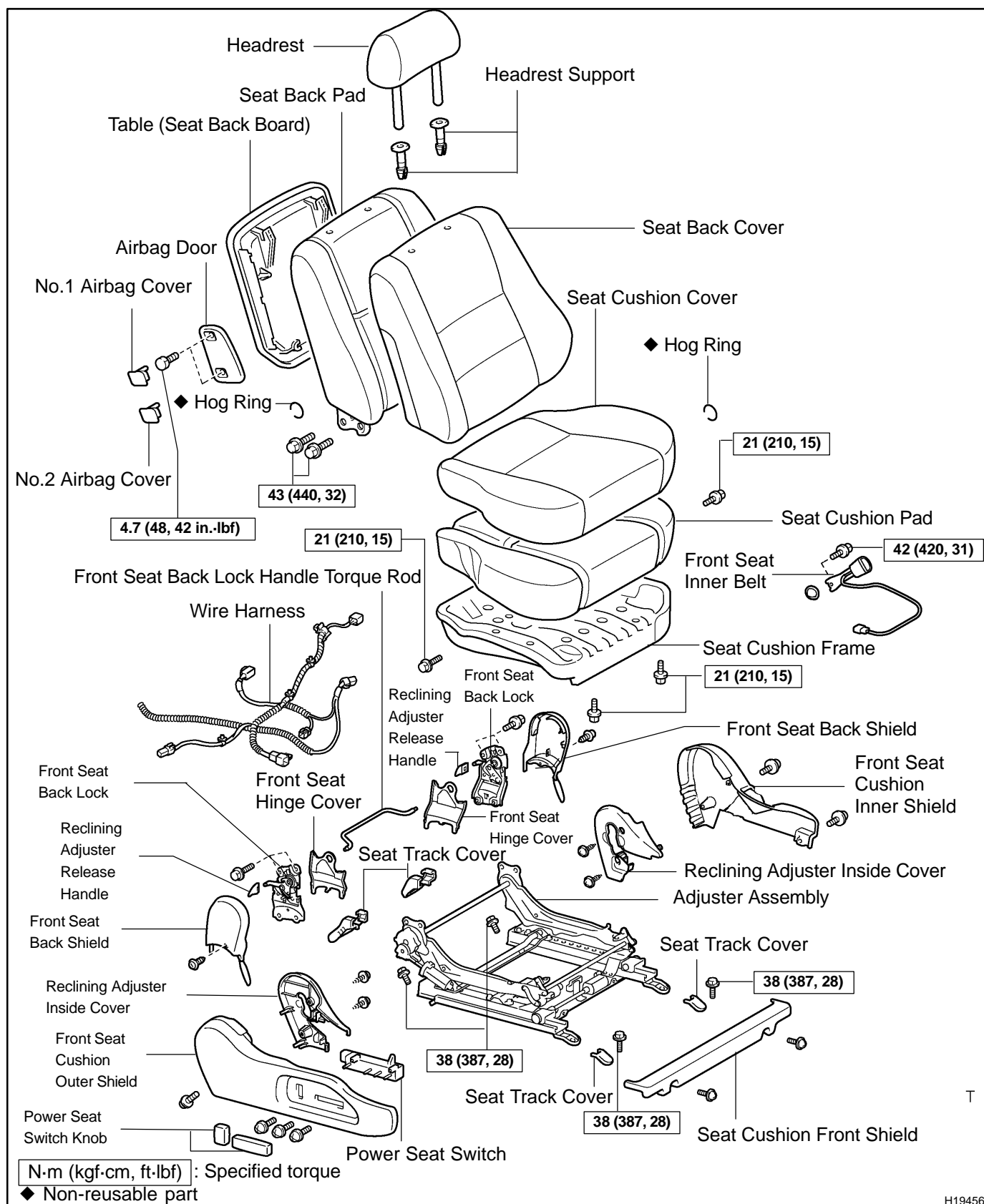


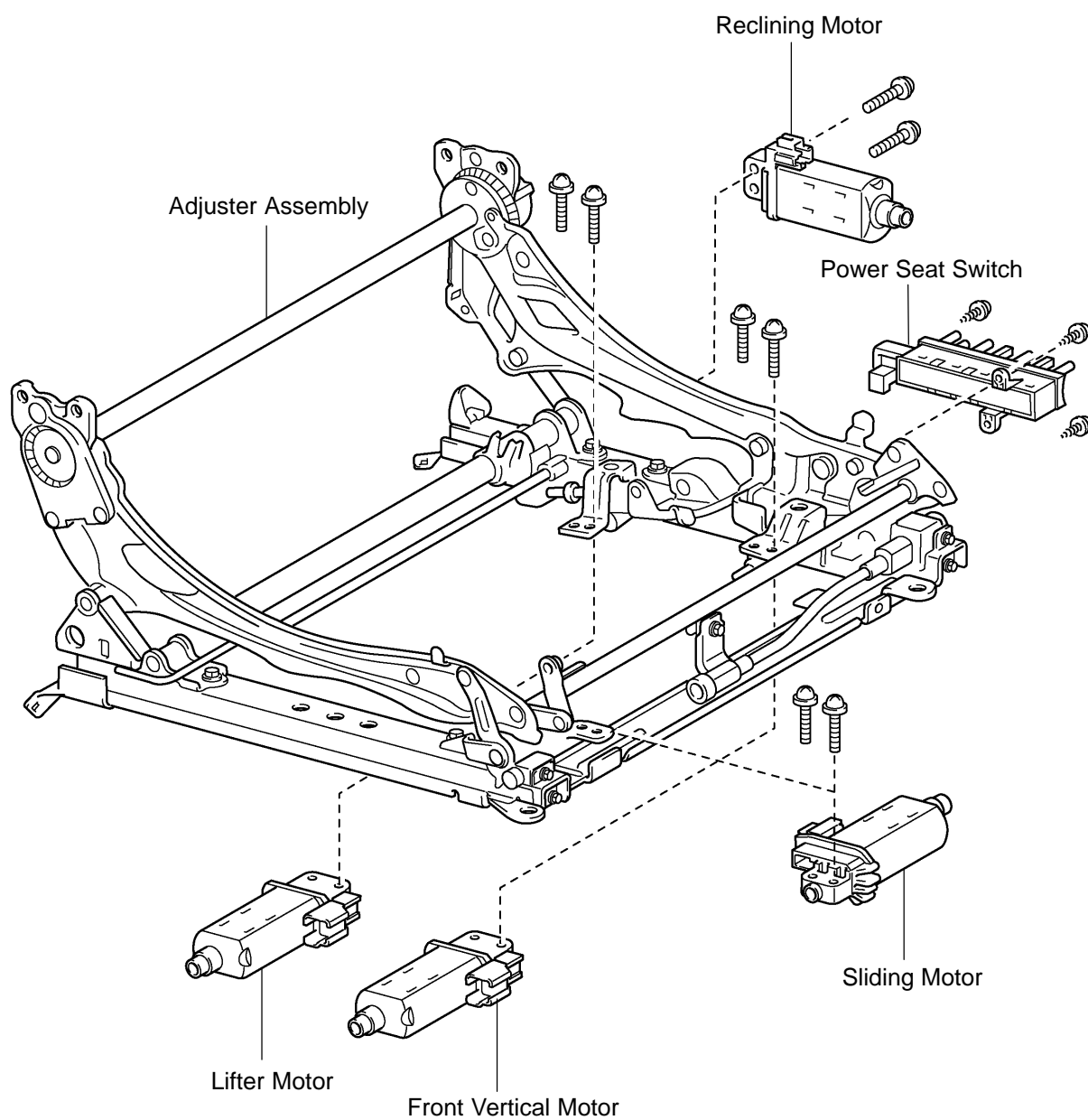
# FRONT SEAT (Power Adjuster Type) COMPONENTS

B04E0-02



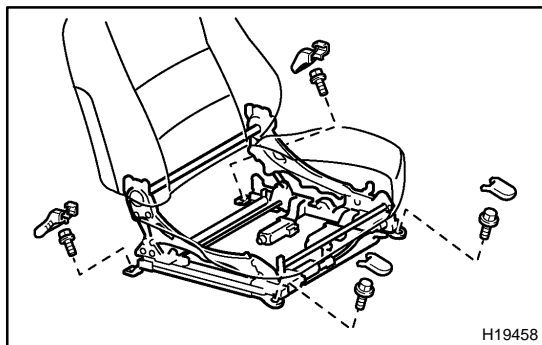
H19455





T

H15132



## REMOVAL

### HINT:

A bolt without a torque specification is shown in the standard bolt chart. (see page [SS-2](#))

### 1. REMOVE SEAT TRACK COVERS

Using a screwdriver, remove the 4 seat track covers.

### HINT:

Tape the screwdriver tip before use.

### 2. REMOVE FRONT SEAT

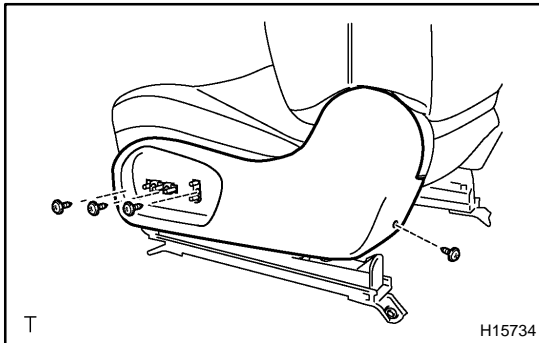
- (a) Remove the 4 bolts.
- (b) Disconnect the connectors.
- (c) Remove the front seat.

### NOTICE:

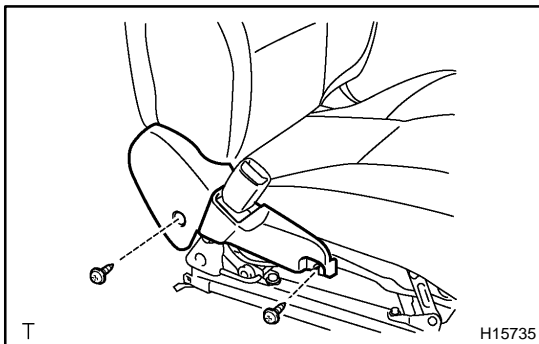
**Be careful not to damage the body.**

## DISASSEMBLY

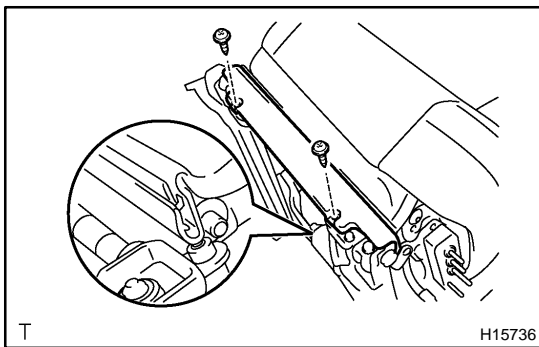
1. REMOVE HEADREST
2. REMOVE POWER SEAT SWITCH KNOB



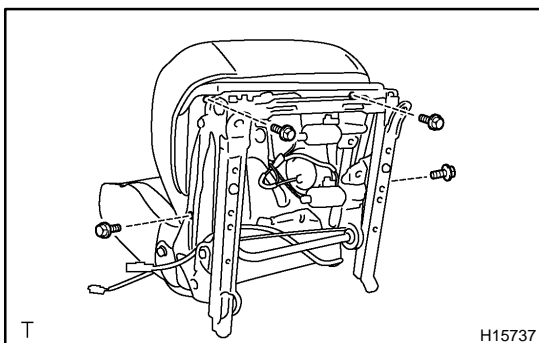
3. **REMOVE FRONT SEAT CUSHION OUTER SHIELD**  
Remove the 4 screws and front seat cushion outer shield.



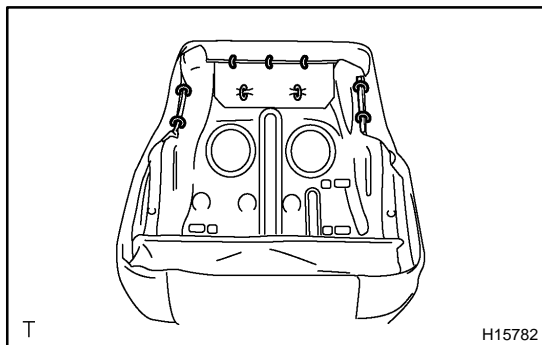
4. **REMOVE FRONT SEAT CUSHION INNER SHIELD**  
Remove the 2 screws and front seat cushion inner shield.



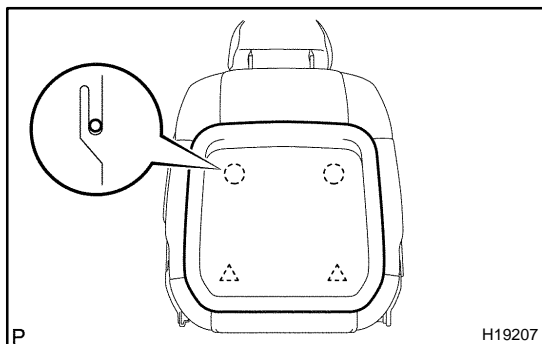
5. **REMOVE SEAT CUSHION FRONT SHIELD**
  - (a) Remove the 2 screws.
  - (b) Unlatch the seat cushion cover hook, then remove the seat cushion front shield.



6. **REMOVE SEAT CUSHION ASSEMBLY**
  - (a) Disconnect the connectors and unlatch the wire harness clamps.
  - (b) Remove the 4 bolts and seat cushion assembly with wire harness.
  - (c) Unlatch the wire harness clamps to remove the wire harness from seat cushion assembly.

**7. REMOVE SEAT CUSHION COVER**

- (a) Remove the hog rings.
- (b) Unlatch the seat cushion cover hooks and remove the seat cushion frame from the seat cushion cover with pad.
- (c) Remove the hog rings and seat cushion cover from the seat cushion pad.

**8. w/ Table:****REMOVE SEATBACK BOARD**

Using a screwdriver, remove the seatback board.

HINT:

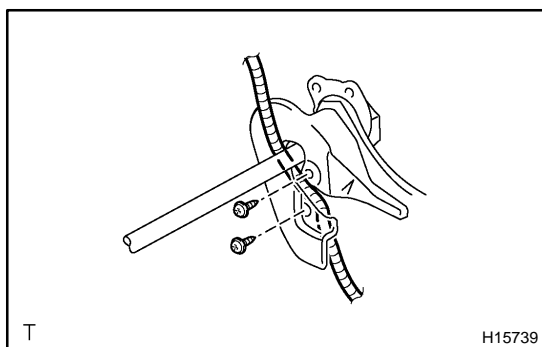
Tape the screwdriver tip before use.

**9. REMOVE SEATBACK ASSEMBLY**

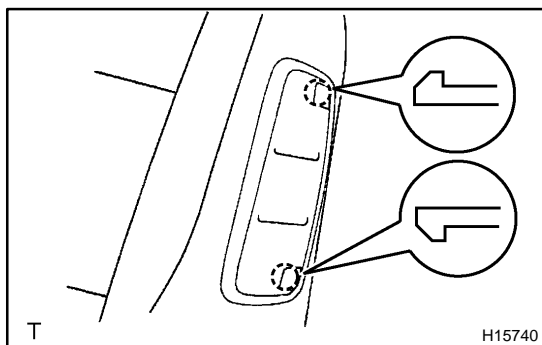
- (a) Remove the hog rings.
- (b) Turn the seatback cover over, then remove the hog rings.
- (c) Remove the 4 seatback assembly set bolts.

**NOTICE:**

**Be careful not to pull the side airbag assembly wire harness.**



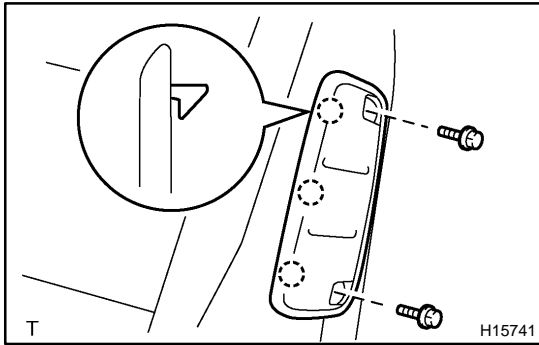
- (d) Remove the 2 screws and reclining adjuster inside cover and employ the same manner described above to the other side.
- (e) Disengage the side airbag assembly wire harness from the reclining adjuster inside cover, then remove the seatback assembly.

**10. REMOVE SEATBACK COVER**

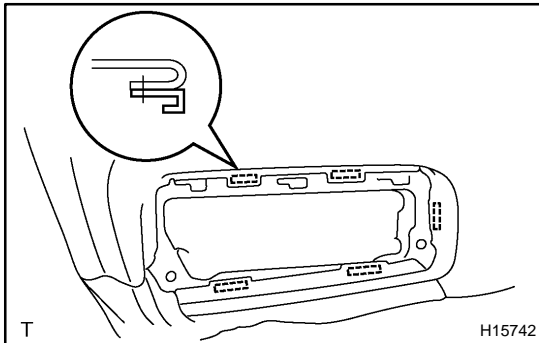
- (a) Using a screwdriver, remove the No. 1 and No. 2 airbag covers.

HINT:

Tape the screwdriver tip before use.



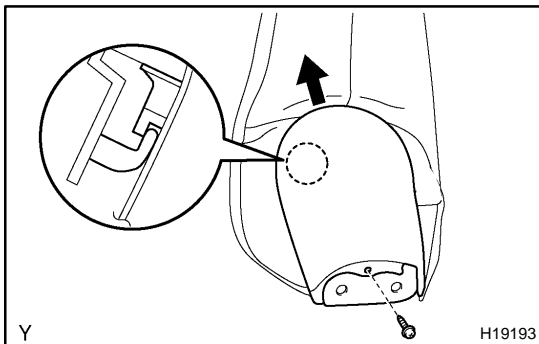
- (b) Remove the 2 bolts.
- (c) Slide the airbag door upward to remove it.



- (d) Disengage the seatback cover hooks around the side airbag assembly.
- (e) w/ Table:  
Using a screwdriver, remove the reclining adjuster release handle and employ the same manner described above to the other side.

**HINT:**

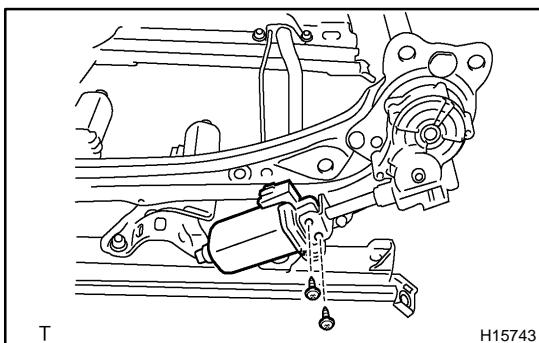
Tape the screwdriver tip before use.



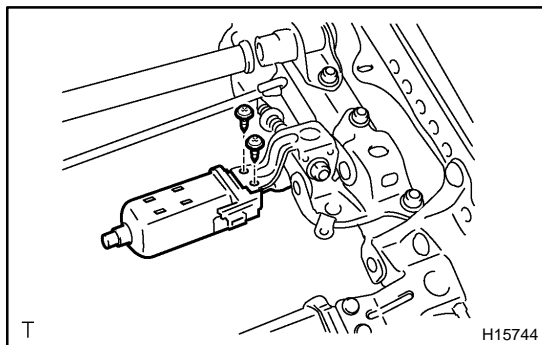
- (f) w/ Table:  
Remove the screw and front seatback shield and employ the same manner described above to the other side.
- (g) w/ Table:  
Remove the 2 bolts and front seatback lock and employ the same manner described above to the other side.
- (h) Remove the hog rings, headrest supports and seatback cover.
- (i) Remove the hog rings, headrest supports and seatback cover as shown in the illustration.

**11. REMOVE FRONT SEAT INNER BELT**

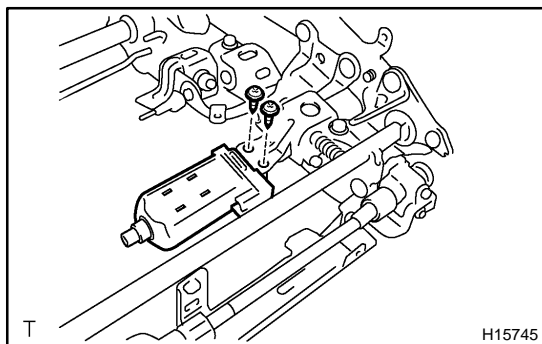
Remove the bolt, washer and front seat inner belt.

**12. REMOVE RECLINING MOTOR**

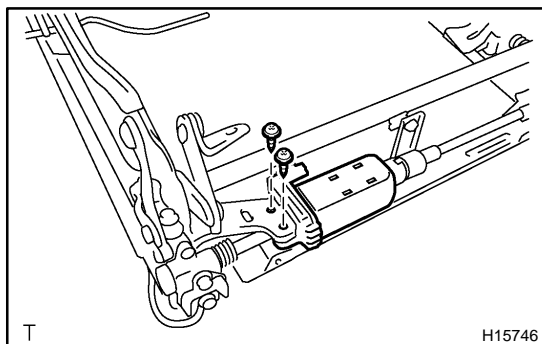
Remove the 2 screws, then disconnect the reclining motor.

**13. REMOVE LIFTER MOTOR**

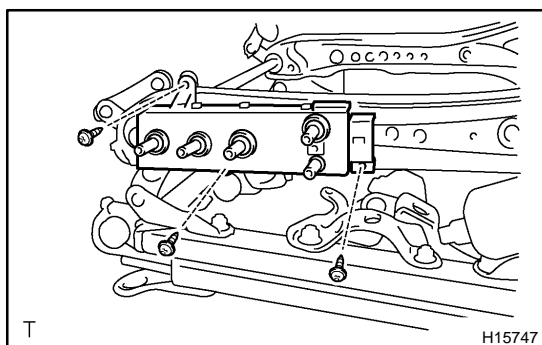
Remove the 2 screws, then disconnect the lifter motor.

**14. REMOVE FRONT VERTICAL MOTOR**

Remove the 2 screws, then disconnect the front vertical motor.

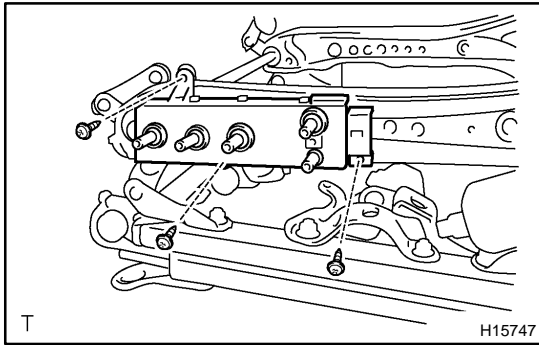
**15. REMOVE SLIDING MOTOR**

Remove the 2 screws, then disconnect the sliding motor.

**16. REMOVE POWER SEAT SWITCH**

Remove the 3 screws and power seat switch.

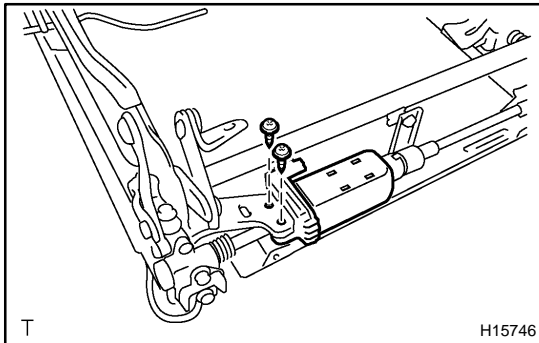




## REASSEMBLY

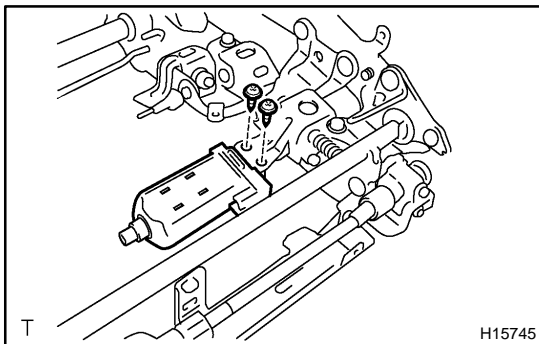
### 1. INSTALL POWER SEAT SWITCH

Install the power seat switch with the 3 screws.



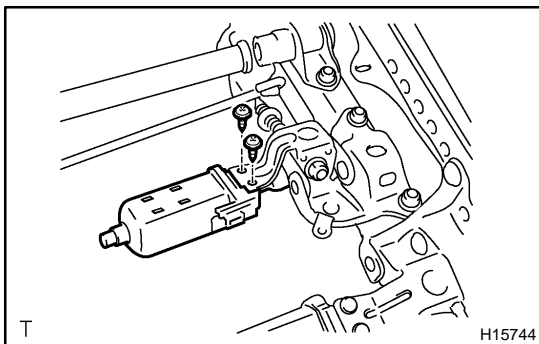
### 2. INSTALL SLIDING MOTOR

Connect the slide motor to the shaft, then install the 2 screws.



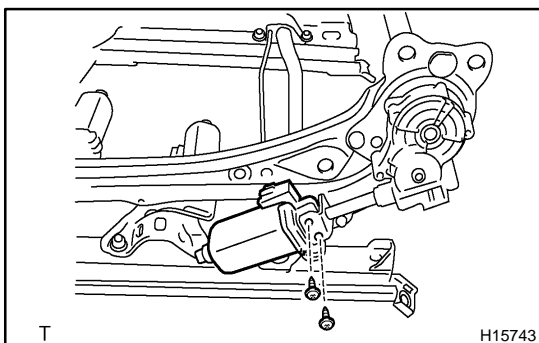
### 3. INSTALL FRONT VERTICAL MOTOR

Connect the front vertical motor, then install the 2 screws.



### 4. INSTALL LIFTER MOTOR

Connect the lifter motor, then install the 2 screws.



### 5. INSTALL RECLINING MOTOR

Connect the reclining motor, then install the 2 screws.

### 6. INSTALL FRONT SEAT INNER BELT

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

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

**7. INSTALL SEATBACK COVER**

- (a) Install the seatback cover with new hog rings.

HINT:

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

- (b) Install the headrest supports.

- (c) w/ Table:

Install the front seatback lock with the 2 bolts, and employ the same manner described above to the other side.

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

- (d) w/ Table:

Set the side airbag assembly wire harness to the front seat back shield.

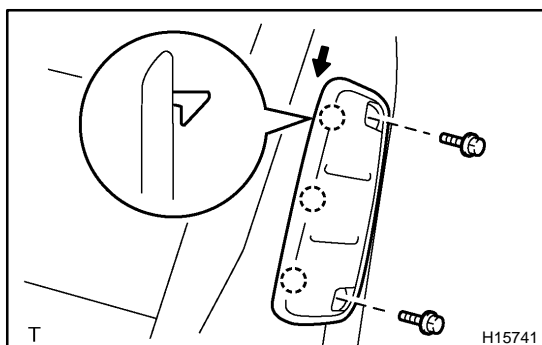
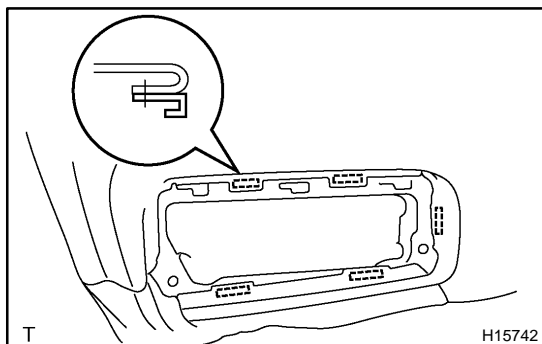
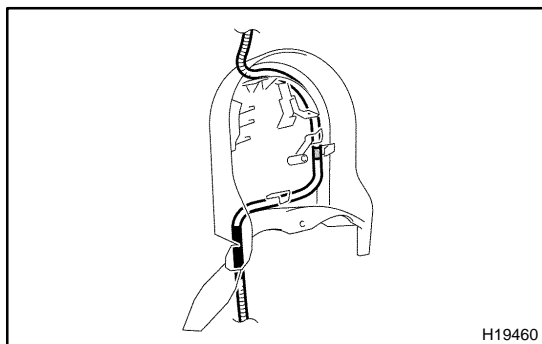
- (e) w/ Table:

Install the front seatback shield with the screw, and employ the same manner described above to the other side.

- (f) w/ Table:

Install the reclining adjuster release handle, and employ the same manner described above to the other side.

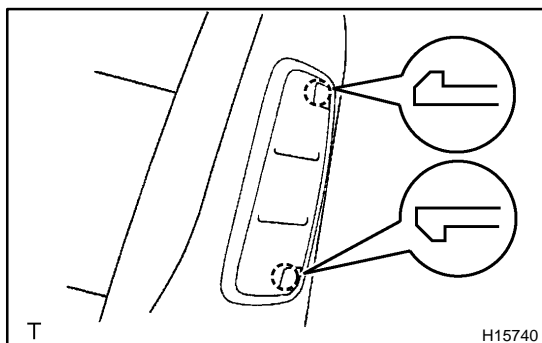
- (g) Hook the seatback cover hooks through the holes around the side airbag assembly.



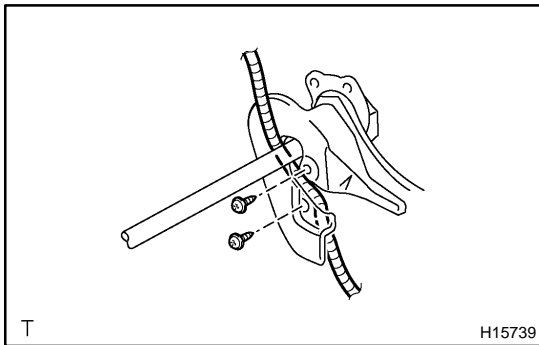
- (h) Slide the airbag door downward to install it.

- (i) Install the 2 bolts.

**Torque: 4.7 N·m (48 kgf-cm, 42 in.-lbf)**



- (j) Install the No.1 and No.2 airbag covers.



## 8. INSTALL SEATBACK ASSEMBLY

### NOTICE:

**Never use the seatback assembly from another vehicle. When replacing parts, replace them with new parts.**

- Set the side airbag assembly wire harness to the reclining adjuster inside cover.
- Install the 2 screws and reclining adjuster inside cover, and employ the same manner described above to the other side.
- Install the seatback assembly with the 4 bolts.  
**Torque: 43 N·m (440 kgf-cm, 32 ft-lbf)**
- Turn the seatback cover over, then install new hog rings.

### HINT:

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

- Install new hog rings.

### HINT:

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

## 9. w/ Table:

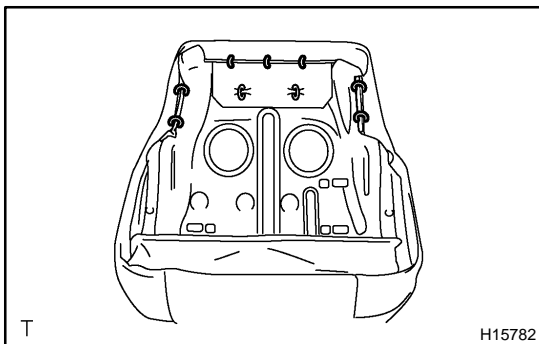
### INSTALL SEAT BACK BOARD

## 10. INSTALL SEAT CUSHION COVER

- Install the seat cushion cover with new hog rings to the seat cushion pad.

### HINT:

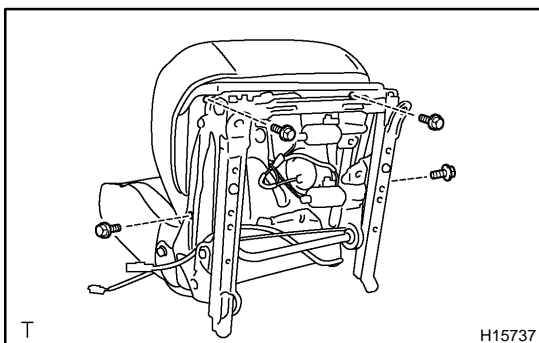
When installing the hog rings, take care to prevent wrinkles as little as possible.



- Latch the seat cushion cover hooks to install the seat cushion cover with pad to the seat cushion pad.
- Install 6 new hog rings.

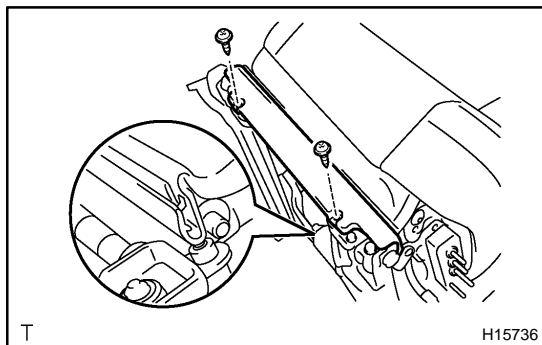
### HINT:

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

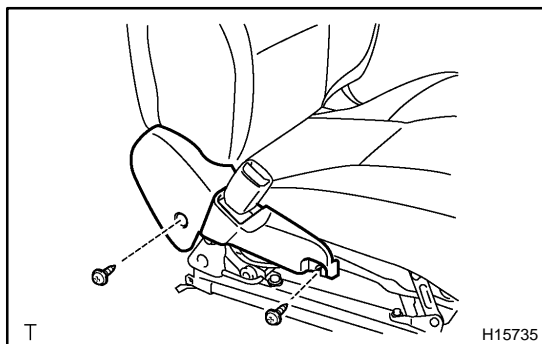


## 11. INSTALL SEAT CUSHION ASSEMBLY

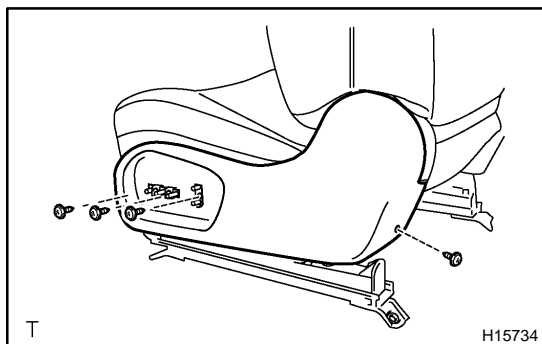
- Install the seat cushion assembly with the 4 bolts.  
**Torque: 21 N·m (214 kgf-cm, 15 ft-lbf)**
- Attach the wire harness clamps.
- Attach the side airbag assembly wire harness clamps.

**12. INSTALL SEAT CUSHION FRONT SHIELD**

- (a) Latch the seat cushion cover hook to the seat cushion front shield.
- (b) Install the seat cushion front shield with the 2 screws.

**13. INSTALL FRONT SEAT CUSHION INNER SHIELD**

Install the front seat cushion inner shield with the 2 screws.

**14. INSTALL FRONT SEAT CUSHION OUTER SHIELD**

Install the front seat cushion outer shield with the 4 screws.

**15. INSTALL POWER SEAT SWITCH KNOBS****16. INSTALL HEADREST**

## INSTALLATION

### 1. INSTALL FRONT SEAT

- (a) Mount the front seat to the vehicle.

**NOTICE:**

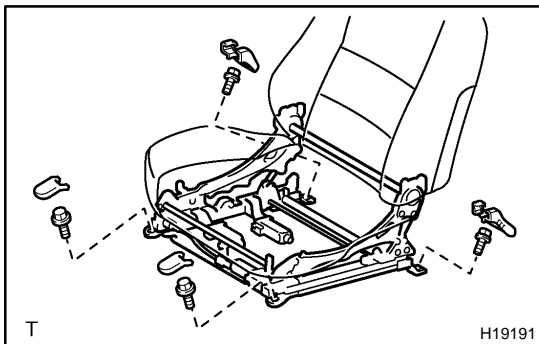
**Be careful not to damage the body.**

- (b) Connect the connectors.

**NOTICE:**

**When the wiring connector of the side airbag assembly is disconnected and the ignition switch is at ON or ACC position, DTC will be recorded. To clear DTC, see page [DI-607](#).**

- (c) Slide the front seat to the rearmost position.



- (d) Temporarily tighten the bolts on the front side. Then, tighten them to the final torque starting from the inner side.

**Torque: 38 N·m (387 kgf-cm, 28 ft-lbf)**

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

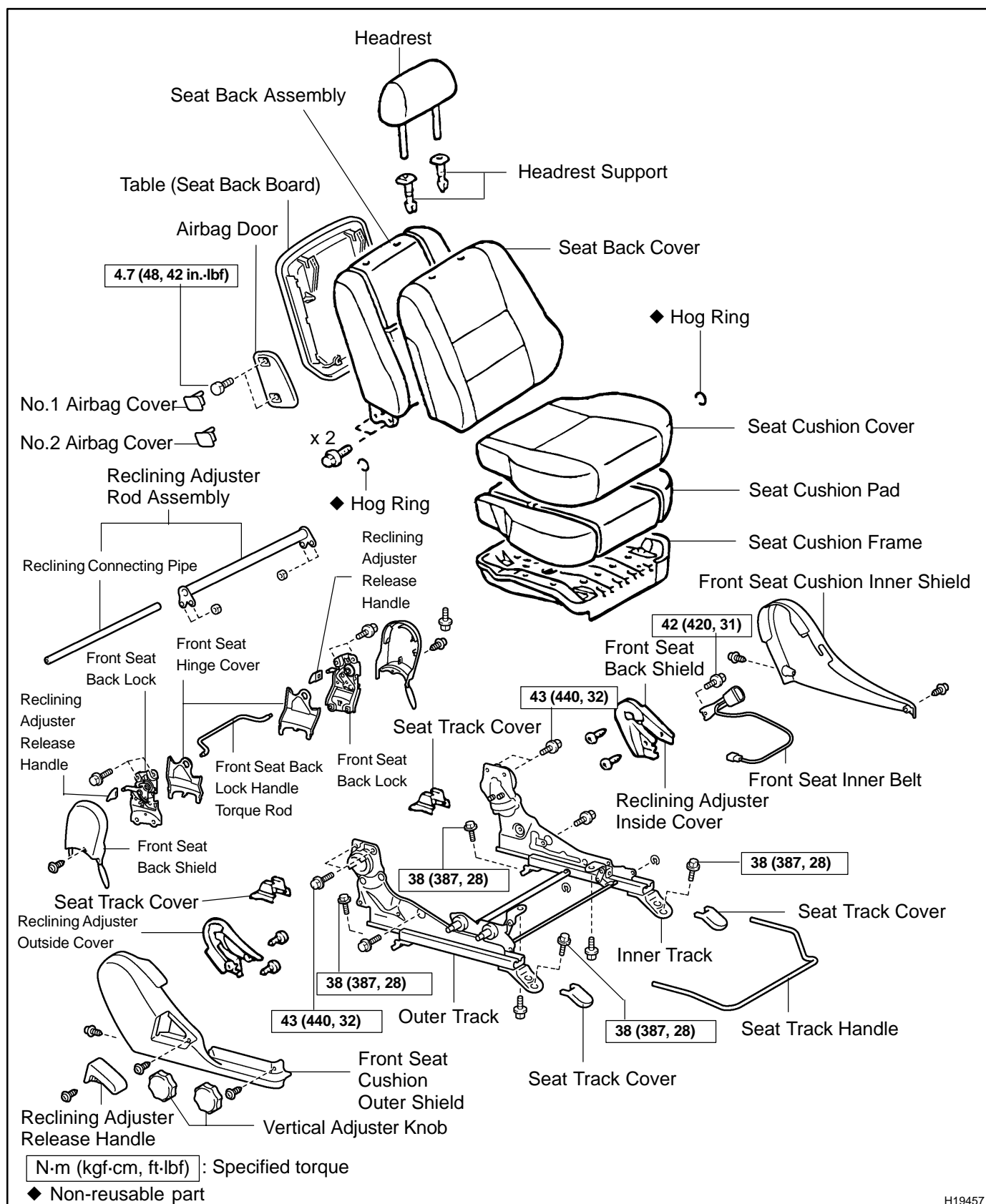
- (f) Temporarily tighten the bolts on the rear side. Then, tighten them to the final torque starting from the inner side.

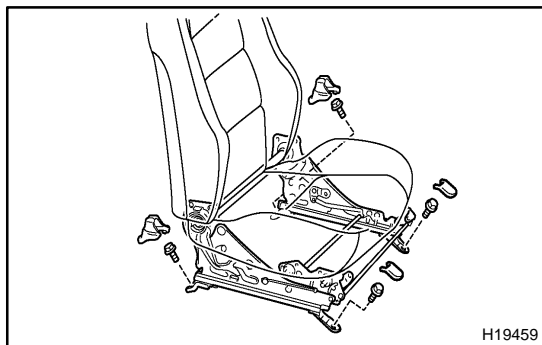
**Torque: 38 N·m (387 kgf-cm, 28 ft-lbf)**

### 2. INSTALL SEAT TRACK COVERS

## BO4E3-02







## REMOVAL

### HINT:

A bolt without a torque specification is shown in the standard bolt chart. (see page [SS-2](#))

### 1. REMOVE SEAT TRACK COVERS

Using a screwdriver, remove the 4 seat track covers.

### HINT:

Tape the screwdriver tip before use.

### 2. REMOVE FRONT SEAT

- (a) Remove the 4 bolts.
- (b) Disconnect the connector.
- (c) Remove the front seat.

### NOTICE:

**Be careful not to damage the body.**



## DISASSEMBLY

### 1. REMOVE HEADREST

### 2. REMOVE VERTICAL ADJUSTER KNOBS

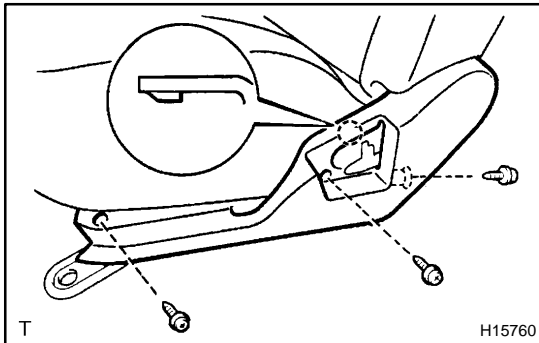
Using a screwdriver, remove the 2 clips and 2 vertical adjuster knobs.

HINT:

Tape the screwdriver tip before use.

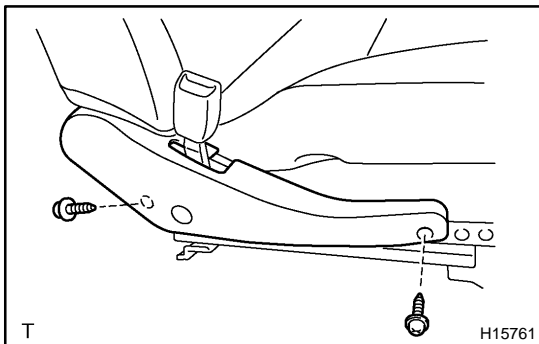
### 3. REMOVE RECLINING ADJUSTER RELEASE HANDLE

Remove the screw and reclining adjuster release handle.



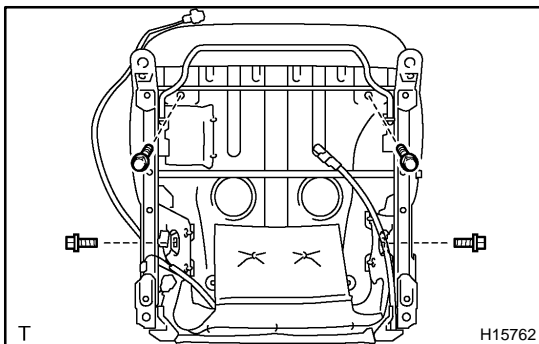
### 4. REMOVE FRONT SEAT CUSHION OUTER SHIELD

Remove the 3 screws and front seat cushion outer shield.



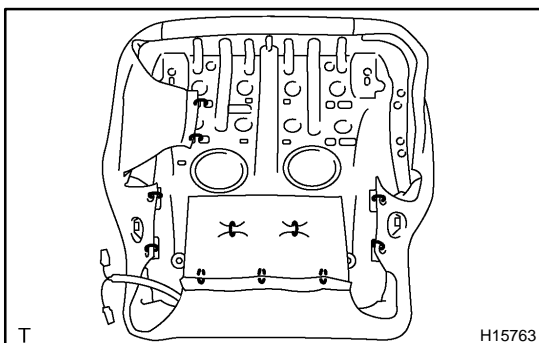
### 5. REMOVE FRONT SEAT CUSHION INNER SHIELD

Remove the 2 screws and front seat cushion inner shield.



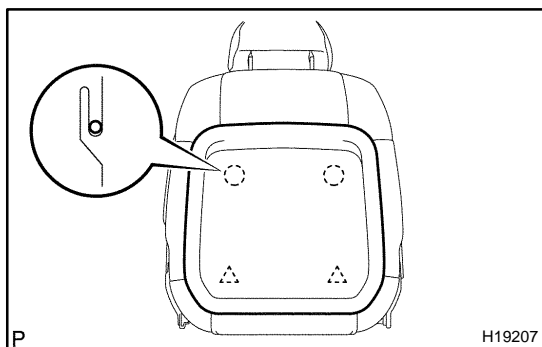
### 6. REMOVE SEAT CUSHION ASSEMBLY

- Unlatch the side airbag assembly wire harness clamps.
- Disengage the wire harness clamp.
- Remove the 4 bolts and the seat cushion assembly.



### 7. REMOVE SEAT CUSHION COVER

- Remove the hog rings.
- Unlatch the seat cushion cover hooks and remove the seat cushion frame from the seat cushion cover with pad.
- Remove the hog rings and seat cushion cover from the seat cushion pad.

**8. w/ Table:****REMOVE SEATBACK BOARD**

Using a screwdriver, remove the seatback board.

HINT:

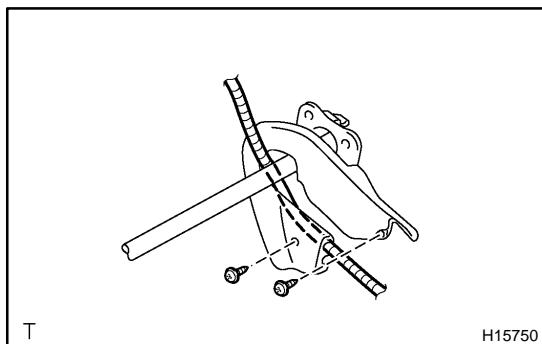
Tape the screwdriver tip before use.

**9. REMOVE SEATBACK ASSEMBLY**

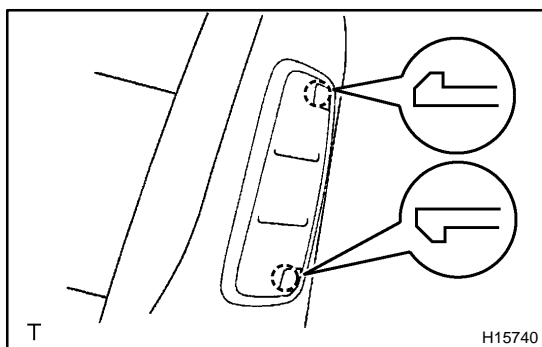
- Remove the hog rings.
- Turn the seatback cover over, then remove the hog rings.
- Remove the 4 seatback assembly set bolts.

**NOTICE:**

**Be careful not to pull the side airbag assembly wire harness.**



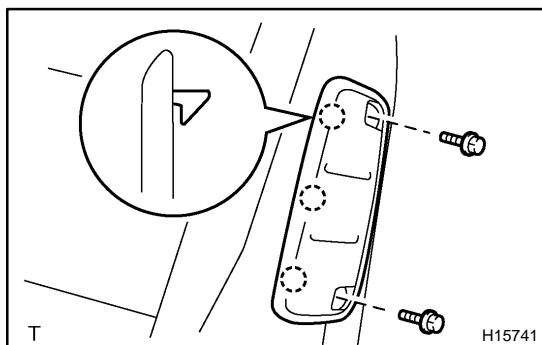
- Remove the 2 screws and reclining adjuster inside cover and employ the same manner described above to the other side.
- Disengage the side airbag assembly wire harness from the reclining adjuster inside covers, then remove the seatback assembly.

**10. REMOVE SEATBACK COVER**

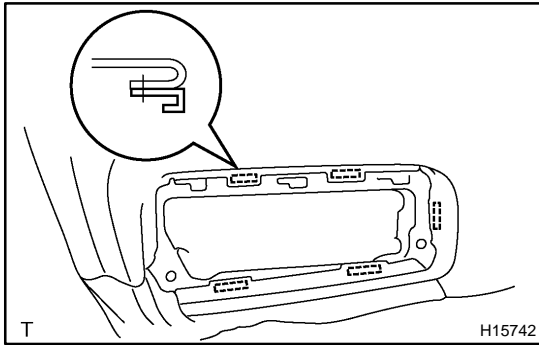
- Using a screwdriver, remove the No.1 and No.2 airbag covers.

HINT:

Tape the screwdriver tip before use.



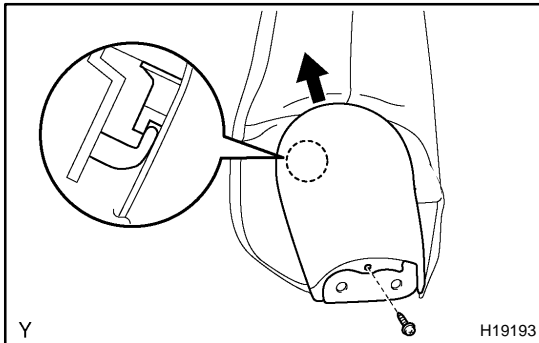
- Remove the 2 bolts.
- Slide the airbag door upward to remove it.



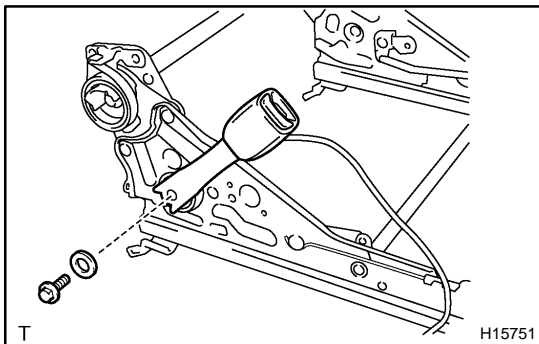
- (d) Unlatch the seatback cover hooks around the side airbag assembly.
- (e) w/ Table:  
Using a screwdriver, remove the reclining adjuster release handle and employ the same manner described above to the other side.

HINT:

Tape the screwdriver tip before use.



- (f) w/ Table:  
Remove the screw and front seatback shield, and employ the same manner described above to the other side.
- (g) w/ Table:  
Remove the 2 bolts and front seatback lock, and employ the same manner described above to the other side.
- (h) Remove the hog rings, headrest supports and seatback cover.



#### 11. REMOVE FRONT SEAT INNER BELT

Remove the bolt, washer and front seat inner belt.

#### 12. REMOVE SEAT TRACK HANDLE

Using a screwdriver, remove the seat track handle.

HINT:

Tape the screwdriver tip before use.

#### 13. REMOVE RECLINING ADJUSTER ROD ASSEMBLY

Remove the 4 nuts and the reclining adjuster rod assembly.

#### 14. DISASSEMBLE OUTER TRACK AND INNER TRACK

Using a screwdriver, remove the 2 E-rings from the outer side on the inner track.

HINT:

Tape the screwdriver tip before use.

## INSPECTION

### INSPECT RECLINING LOCK POSITION AND SLIDING LOCK POSITION SLIPPING OFF

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

HINT:

When the reclining lock position slips 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.

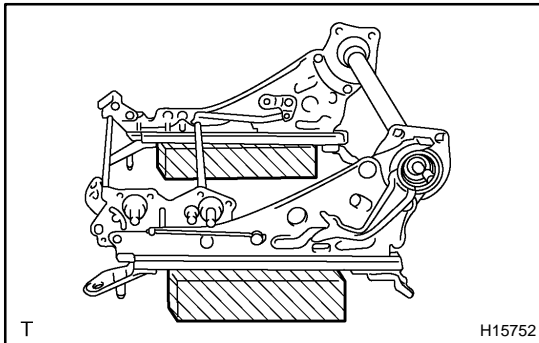
HINT:

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

## REASSEMBLY

### 1. ASSEMBLE OUTER TRACK AND INNER TRACK

Assemble the outer track and inner track with 2 new E-rings.



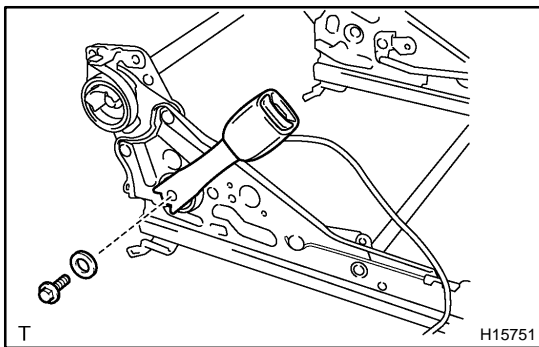
### 2. INSTALL RECLINING ADJUSTER ROD ASSEMBLY

- Adjust the reclining lock positions of the seat adjusters.
- Slide the seat adjusters to the most front position.
- Place the adjusters on a spacer to adjust the seat rails in parallel and install the reclining adjuster rod assembly with the 4 nuts.

#### HINT:

When installing the connecting pipe while raising up the adjusters, the lock positions adjusted in 2 - (a) step slip off, and that will lead to locker error.

### 3. INSTALL SEAT TRACK HANDLE



### 4. INSTALL FRONT SEAT INNER BELT

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

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

### 5. INSTALL SEATBACK COVER

- Install the seatback cover with new hog rings.

#### HINT:

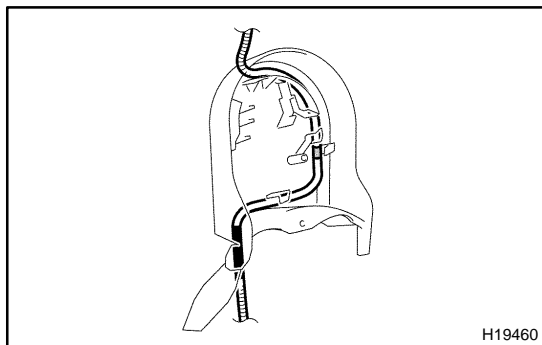
When installing the hog rings, take care to prevent wrinkles as little as possible.

- Install the 2 headrest supports.

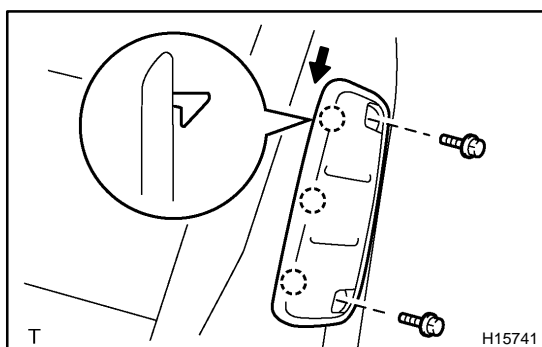
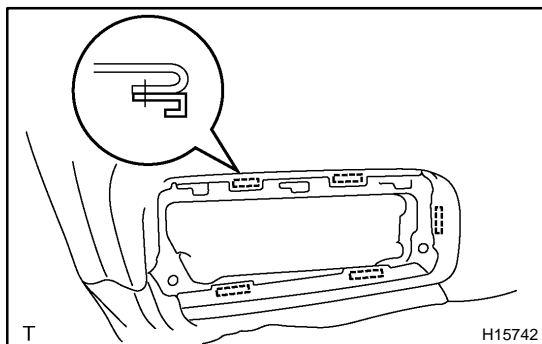
- w/ Table:

Install the front seatback lock with the 2 bolts and employ the same manner described above to the other side.

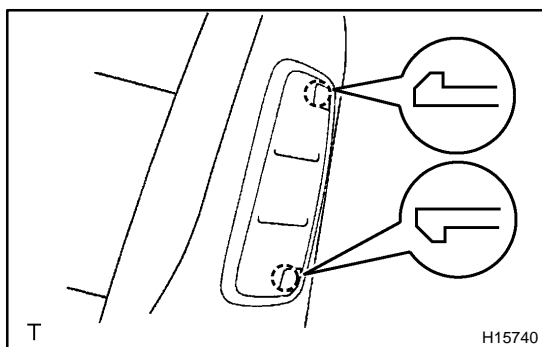
**Torque: 43 N·m (440 kgf-cm, 32 ft-lbf)**



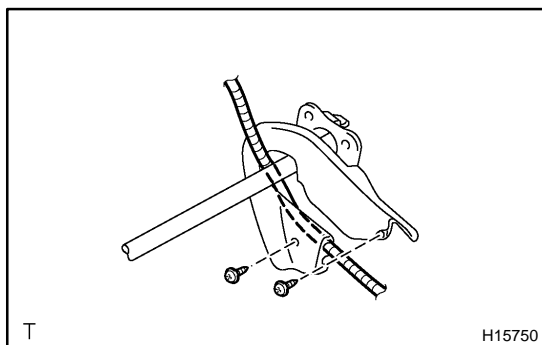
- (d) w/ Table:  
Set the side airbag assembly wire harness to the front seat back shield.
- (e) w/ Table:  
Install the front seatback shield with the screw and employ the same manner described above to the other side.
- (f) w/ Table:  
Install the reclining adjuster release handle and employ the same manner described above to the other side.
- (g) Hook the seatback cover hooks through the holes in the circumference of the side airbag assembly.



- (h) Slide the airbag door downward to install it.
- (i) Install the 2 bolts.  
**Torque: 4.7 N·m (48 kgf·cm, 42 in.-lbf)**



- (j) Install the No.1 and No.2 airbag covers.



## 6. INSTALL SEATBACK ASSEMBLY

### NOTICE:

**Never use the seatback assembly from another vehicle.  
When replacing parts, replace them with new parts.**

- (a) Set the side airbag assembly wire harness to the reclining adjuster inside covers.
- (b) Install the reclining adjuster inside cover with the 2 screws and employ the same manner described above to the other side.

- (c) Install the seatback assembly with the 4 bolts.

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

- (d) Turn the seatback cover over, then install new hog rings.

HINT:

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

- (e) Install new hog rings.

HINT:

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

#### 7. w/ Table:

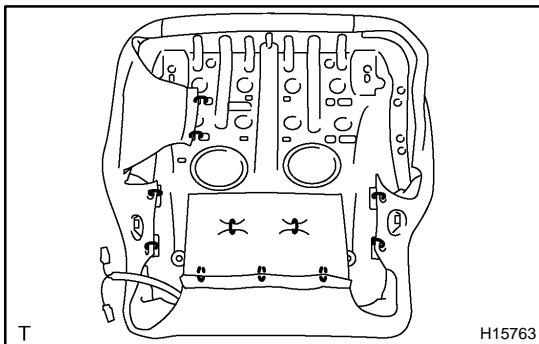
#### INSTALL SEATBACK BOARD

#### 8. INSTALL SEAT CUSHION COVER

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

HINT:

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

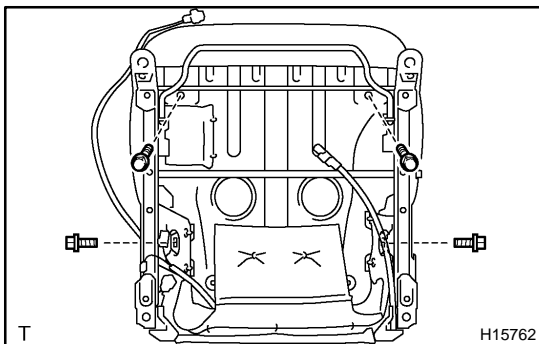


- (b) Latch the seat cushion cover hooks to install the seat cushion cover with pad to the seat cushion pad.

- (c) Install new hog rings.

HINT:

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



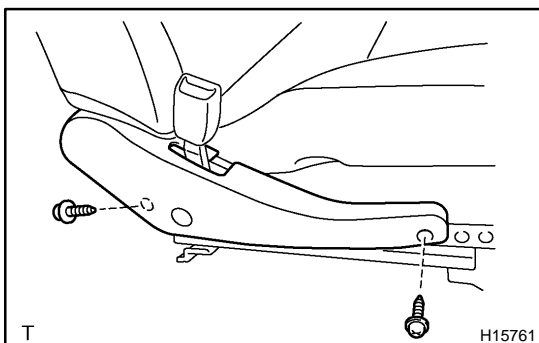
#### 9. INSTALL SEAT CUSHION ASSEMBLY

- (a) Install the seat cushion assembly with the 4 bolts.

**Torque: 21 N·m (210 kgf-cm, 15 ft-lbf)**

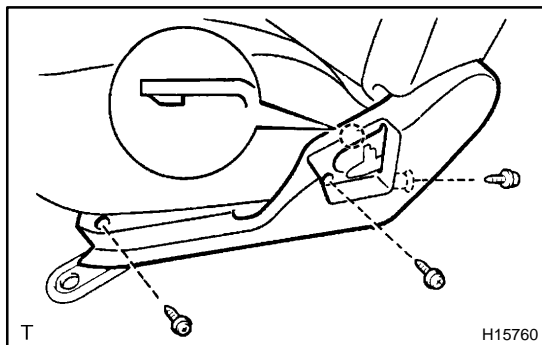
- (b) Attach the wire harness clamps.

- (c) Attach the side airbag assembly wire harness clamps.



#### 10. INSTALL FRONT SEAT CUSHION INNER SHIELD

Install the front seat cushion inner shield with the 2 screws.

**11. INSTALL FRONT SEAT CUSHION OUTER SHIELD**

Install the front seat cushion outer shield with the 3 screws.

**12. INSTALL RECLINING ADJUSTER RELEASE HANDLE**

Install the reclining adjuster release handle with the screw.

**13. INSTALL VERTICAL ADJUSTER KNOBS**

Install the 2 vertical adjuster knobs with the 2 clips.

**14. INSTALL HEADREST**



## INSTALLATION

### 1. INSTALL FRONT SEAT

- (a) Mount the front seat to the vehicle.

**NOTICE:**

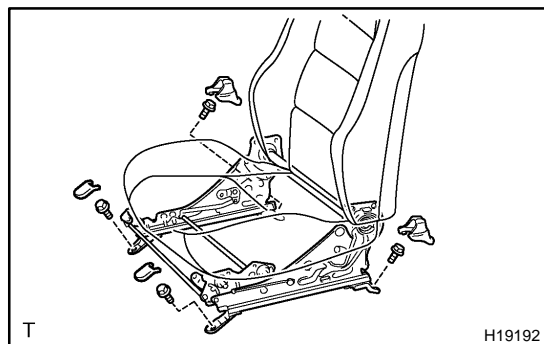
**Be careful not to damage the body.**

- (b) Connect the connectors.

**NOTICE:**

**When the wiring connector of the side airbag assembly is disconnected and the ignition switch is at ON or ACC position, DTC will be recorded. To clear DTC, see page [DI-607](#).**

- (c) Slide the front seat to the rearmost position .



- (d) Temporarily tighten the bolts on the front side. Then, tighten them to the final torque starting from the inner side.

**Torque: 38 N·m (387 kgf-cm, 28 ft-lbf)**

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

- (f) Temporarily tighten the bolts on the rear side. Then, tighten them to the final torque starting from the inner side.

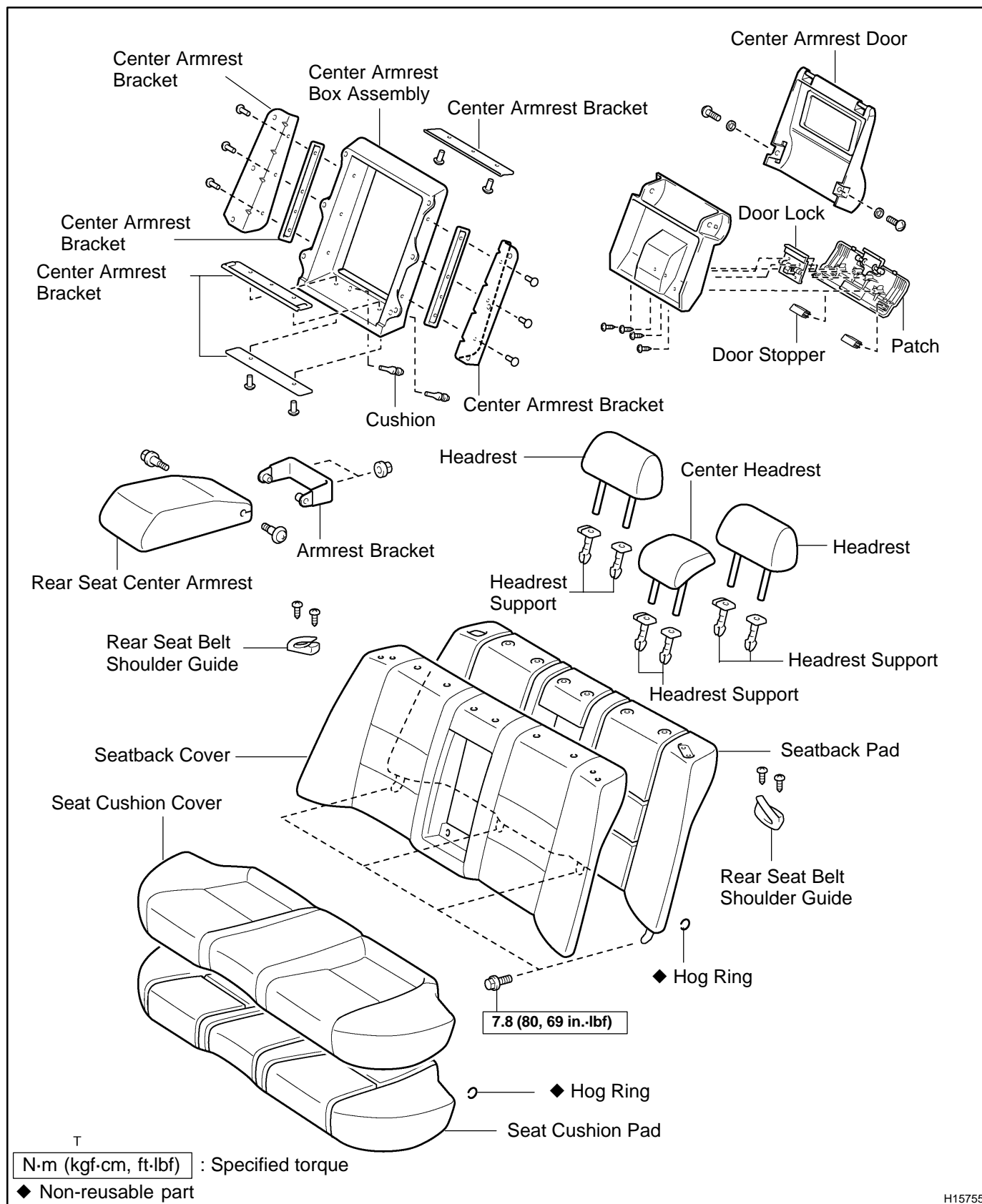
**Torque: 38 N·m (387 kgf-cm, 28 ft-lbf)**

### 2. INSTALL SEAT TRACK COVERS

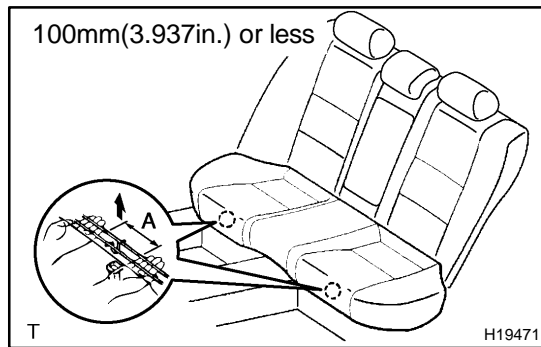
# REAR SEAT (Sedan)

## COMPONENTS

BO4E6-02



H15755



## REMOVAL

### HINT:

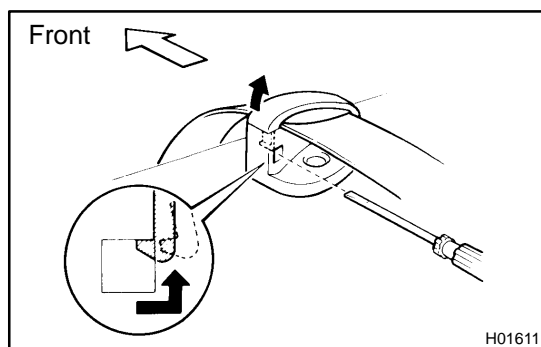
A bolt without a torque specification is shown in the standard bolt chart. (see page [SS-2](#))

### 1. REMOVE SEAT CUSHION ASSEMBLY

Pull up the front portion of the seat cushion assembly, then remove it.

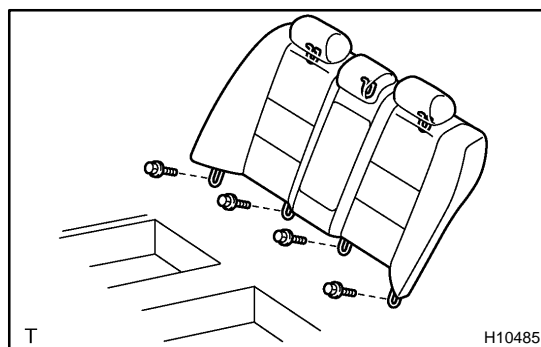
### NOTICE:

**Hold up the clip base to prevent the cushion frame from being distorted.**



### 2. REMOVE SEATBACK ASSEMBLY

- Using a screwdriver, remove the rear seat belt from the belt guide as shown in the illustration.
- Employ the same manner described above to the other sides.



- Remove the 4 bolts, then raise the seatback assembly upward to remove the seatback assembly.

### 3. REMOVE REAR SEAT CENTER ARMREST BOX ASSEMBLY

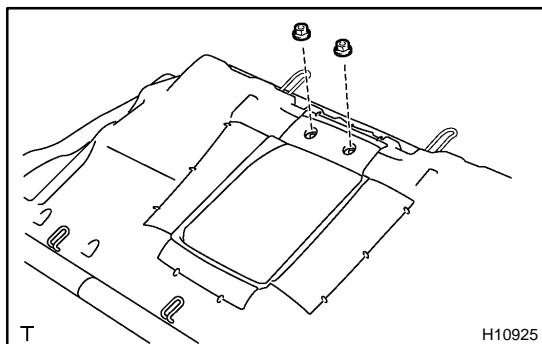
Remove the 6 bolts and rear seat center armrest box assembly.

## DISASSEMBLY

### 1. REMOVE HEADRESTS

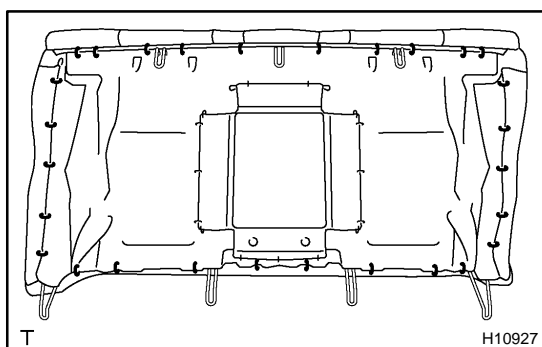
### 2. REMOVE REAR SEAT BELT SHOULDER GUIDES

Remove the 4 screws and rear seat belt shoulder guides.



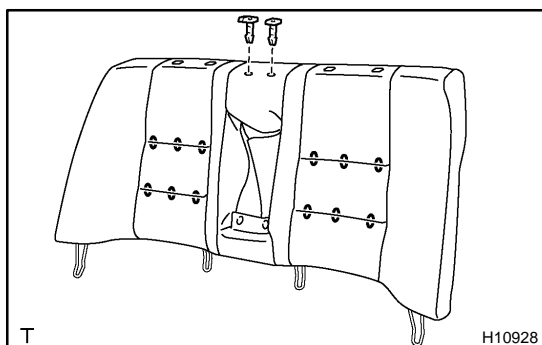
### 3. REMOVE REAR SEAT CENTER ARMREST

- (a) Remove the 2 nuts and rear seat center armrest with bracket.
- (b) Remove the 2 screws and armrest bracket.

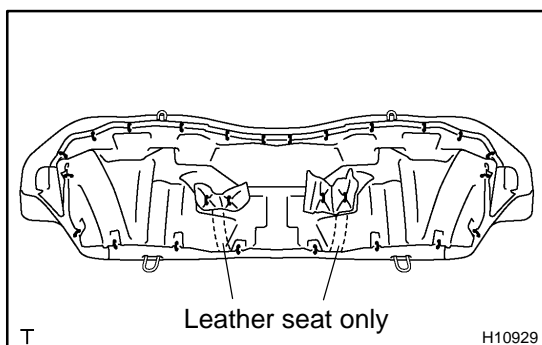


### 4. REMOVE SEATBACK COVER

- (a) Remove the 4 headrest supports.
- (b) Remove the hog rings on the back of seatback assembly.

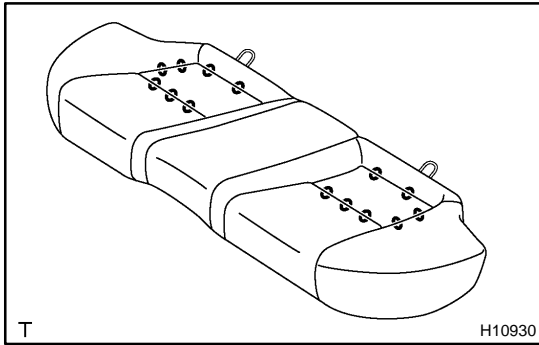


- (c) Remove the center headrest supports.
- (d) Remove the hog rings and seatback cover on the front of seatback assembly.



### 5. REMOVE SEAT CUSHION COVER

- (a) Remove the hog rings on the back of seat cushion assembly.



- (b) Remove the hog rings and seat cushion cover on the front of the seat cushion assembly.

**6. REMOVE REAR SEAT CENTER ARMREST DOOR, DOOR LOCK, PATCH AND STOPPER**

- (a) Remove the rear seat center armrest door from the rear seat center armrest box.
- (b) Remove the 2 screws and door lock.
- (c) Remove the 2 screws and patch.
- (d) Remove the 2 door stoppers.
- (e) Remove the 2 screws, 2 shims and rear seat center armrest door.

**7. REMOVE REAR SEAT CENTER ARMREST BRACKETS FROM REAR SEAT CENTER ARMREST BOX**

- (a) Using a drill of less than 4.0 mm (0.157 in.), drill out the rivet heads.

**HINT:**

Gently and vertically put the drill to the rivet, and cut the rivet flanges.

**CAUTION:**

**Take care as the cut rivet is hot.**

**NOTICE:**

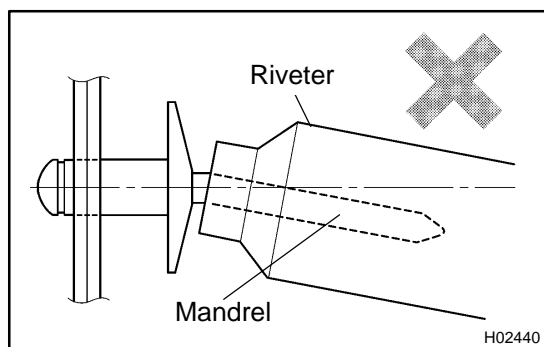
**Prizing the hole with a drill can lead to damage to the rivet hole or breaking the drill.**

- (b) Remove the rear seat center armrest brackets.

## REASSEMBLY

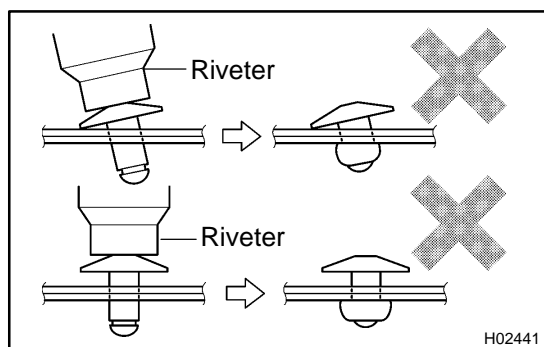
### 1. INSTALL REAR SEAT CENTER ARMREST BRACKETS TO REAR SEAT CENTER ARMREST BOX

Using a air riveter with nose piece No. 1, install the rivets to the brackets and box.

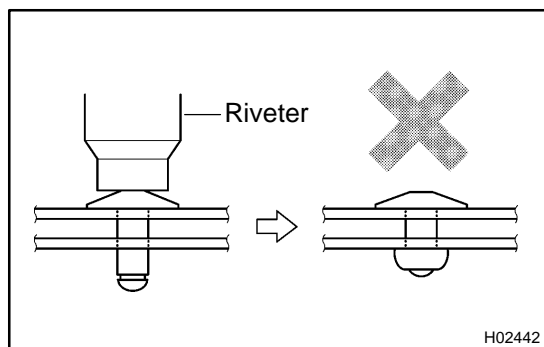


#### NOTICE:

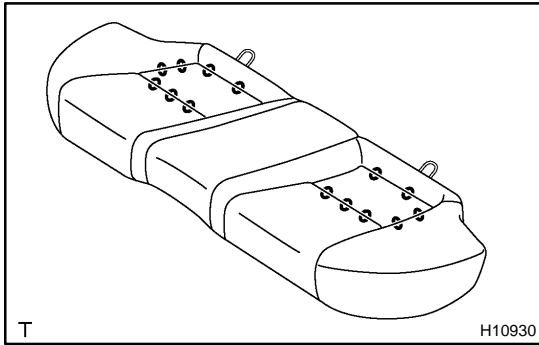
- Do not prize a riveter. It could damage the riveter and cause loose fitting and mandrel bend.



- Do not tilt the riveter when fastening the rivet to the material to avoid loose fitting.
- Do not allow gap spacing between the rivet head and the material.



- Do not allow gap spacing between the materials.
- ### 2. INSTALL REAR SEAT CENTER ARMREST DOOR, DOOR LOCK, PATCH AND STOPPER
- Install the rear seat center armrest door with the 2 shims and 2 screws.
  - Install the 2 door stoppers.
  - Install the patch with the 2 screws.
  - Install the door lock with the 2 screws.
  - Install the rear seat center armrest door to the rear seat center armrest box.

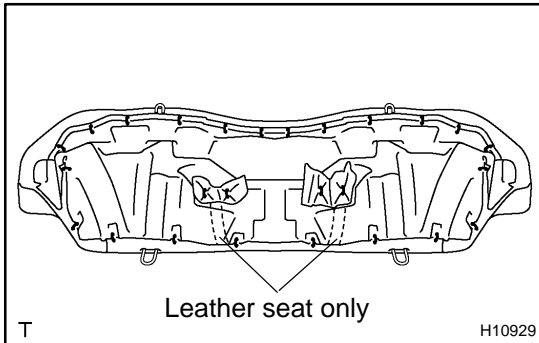


### 3. INSTALL SEAT CUSHION COVER

- (a) Install the seat cushion cover with new hog rings to the front of seat cushion assembly.

HINT:

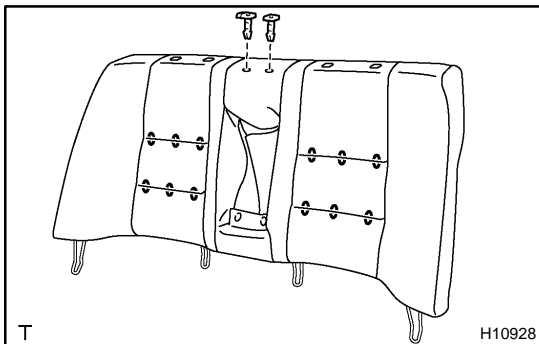
When installing the hog rings, take care to prevent wrinkles as little as possible.



- (b) Install new hog rings to the back of seat cushion assembly.

HINT:

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



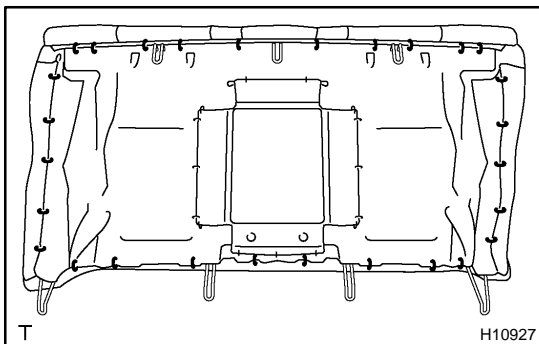
### 4. INSTALL SEATBACK COVER

- (a) Install seatback cover with new hog rings to the front of seatback assembly.

HINT:

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

- (b) Install the center headrest supports.

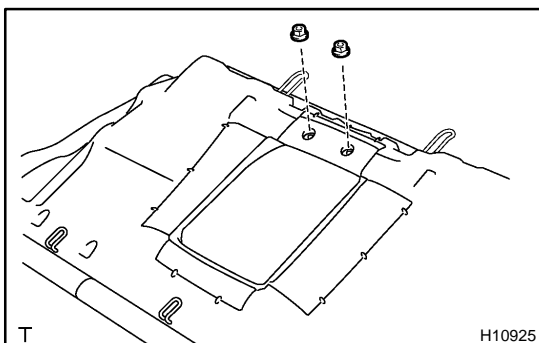


- (c) Install new hog rings on the back of seatback assembly.

HINT:

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

- (d) Install the 4 headrest supports.



### 5. INSTALL REAR SEAT CENTER ARMREST

- (a) Install the armrest bracket with the 2 screws to the rear seat center armrest.
- (b) Install the rear seat center armrest with the bracket to the seatback assembly with the 2 nuts.

### 6. INSTALL REAR SEAT BELT SHOULDER GUIDES

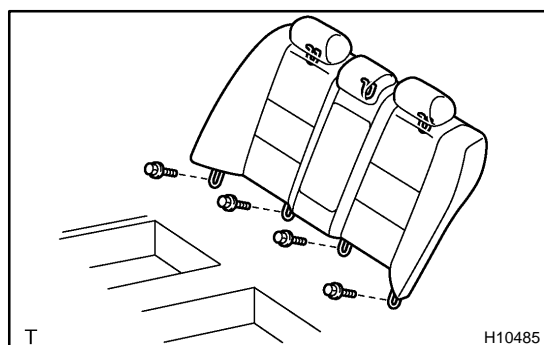
Install the rear seat belt shoulder guides with the 4 screws to the seatback assembly.

### 7. INSTALL HEADRESTS

## INSTALLATION

### 1. INSTALL REAR SEAT CENTER ARMREST BOX ASSEMBLY

Install the rear seat center armrest box assembly with the 6 bolts.

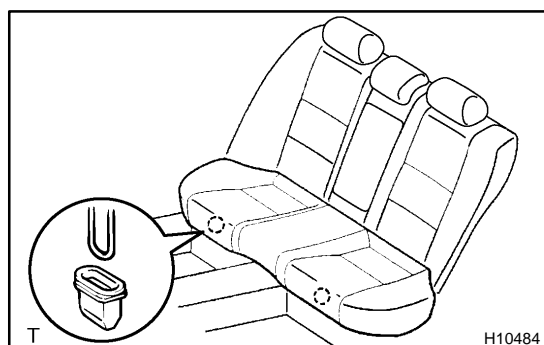


### 2. INSTALL SEATBACK ASSEMBLY

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

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

- (b) Install the rear seat belts to the belt guides, then close the belt guides.



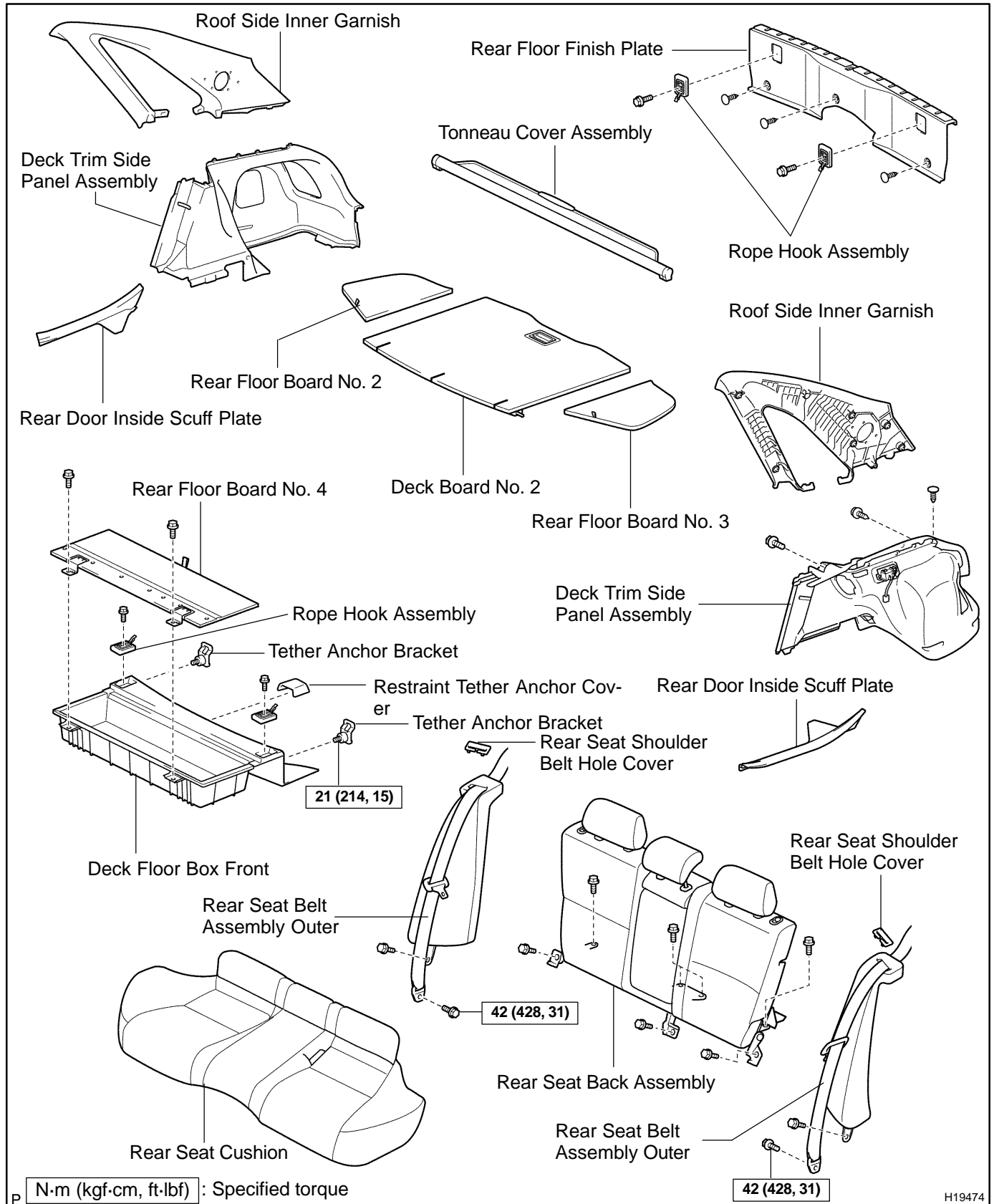
### 3. INSTALL SEAT CUSHION ASSEMBLY

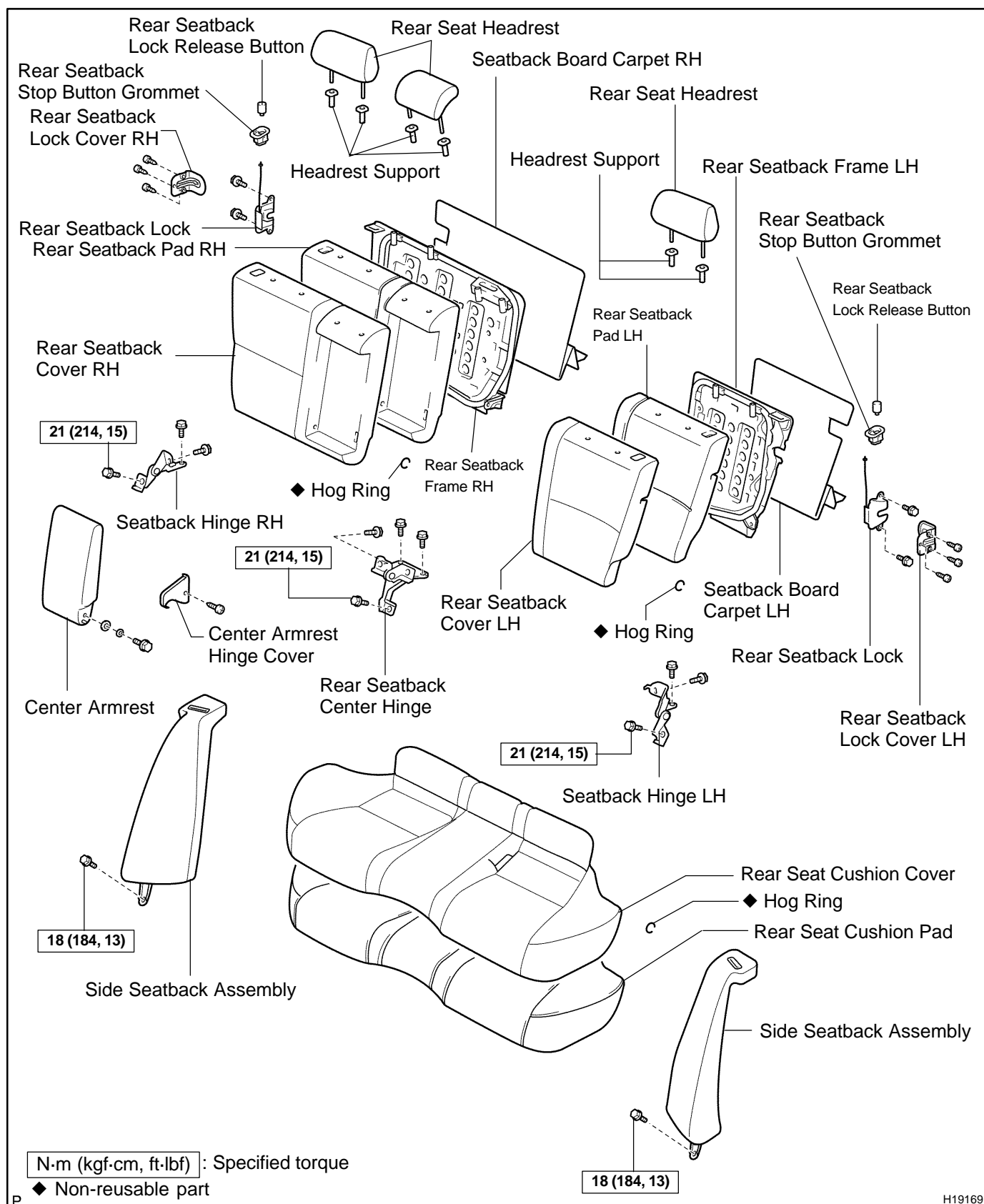
Push down the front portion of the seat cushion assembly to install it.



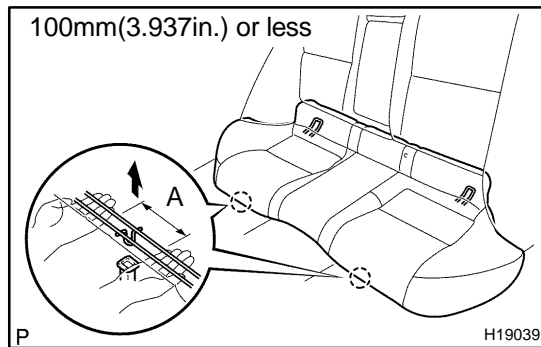
# REAR SEAT (Wagon) COMPONENTS

B04EB-02





H19169



## REMOVAL

### HINT:

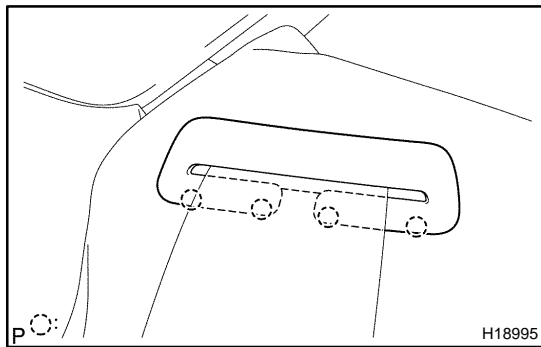
A bolt without a torque specification is shown in the standard bolt chart. (see page [SS-2](#))

### 1. REMOVE SEAT CUSHION ASSEMBLY

Pull up the front portion of the seat cushion assembly, then remove it.

### NOTICE:

Hold up the clip base to prevent the cushion frame from being distorted.



### 2. REMOVE SIDE SEAT BACK ASSEMBLY

(a) Remove the bolt and floor anchor.

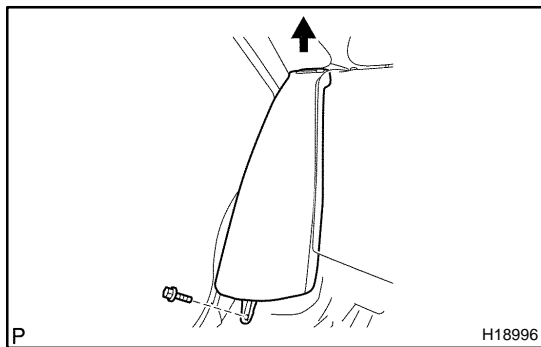
**Torque: 42 N·m (428 kgf-cm, 31ft-lbf)**

(b) Using a screwdriver, remove the rear seat shoulder belt hole cover.

### HINT:

Tape the screwdriver tip before use.

(c) Employ the same manner described above to the other sides.



(d) Remove the bolt and side seat back assembly as shown in the illustration.

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

3. REMOVE REAR SEAT FLOOR BOARD NO.4 (See page [BO-164](#))

4. REMOVE DECK FLOOR BOX FRONT (See page [BO-164](#))

5. REMOVE DECK BOARD NO.2 (See page [BO-164](#))

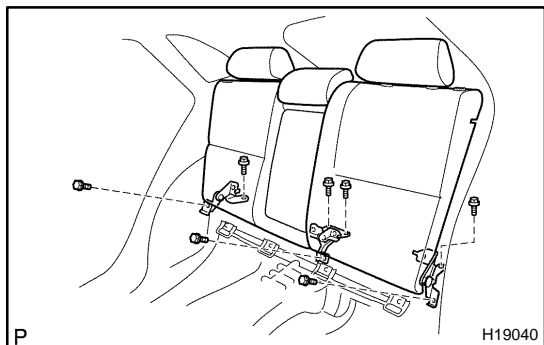
6. REMOVE REAR FLOOR BOARD NO.2 (See page [BO-164](#))

7. REMOVE REAR FLOOR BOARD NO.3 (See page [BO-164](#))

8. REMOVE TONNEAU COVER ASSEMBLY (See page [BO-164](#))

9. REMOVE REAR FLOOR FINISH PLATE (See page [BO-164](#))

10. REMOVE DECK TRIM SIDE PANEL ASSEMBLY (See page [BO-164](#))

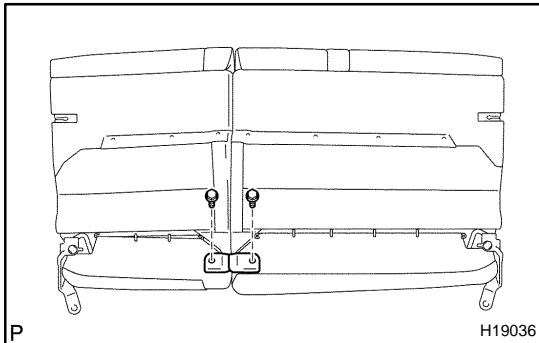
**11. REMOVE SEAT BACK ASSEMBLY**

Remove the 7 bolts and seat back assembly.

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

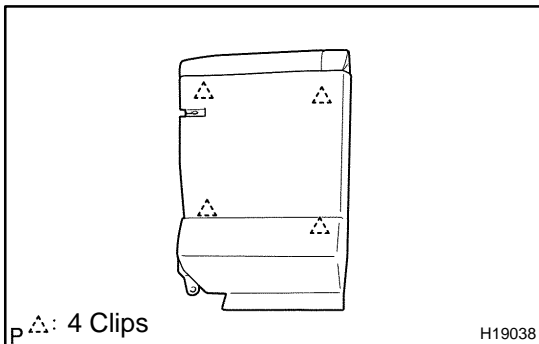
## DISASSEMBLY

### 1. REMOVE REAR SEAT HEADRESTS



### 2. REMOVE REAR SEAT BACK CENTER HINGE SUB-ASSEMBLY

Remove the 2 bolts and rear seat center hinge sub-assembly.



### 3. REMOVE REAR SEAT BACK BOARD CARPET LH

- Remove the 3 screws and rear seat back lock cover LH.
- Using a screwdriver, remove the seat back board carpet LH.

HINT:

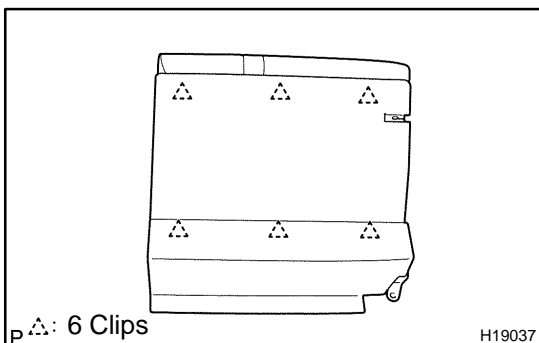
Tape the screwdriver tip before use.

### 4. REMOVE REAR SEAT BACK COVER LH

- Remove the bolt and rear seat back hinge LH.
- Remove the headrest supports.
- Remove the rear back lock release button.
- Remove the rear seat back stop button grommet.
- Remove the hog rings and rear seat back cover with pad.
- Remove the hog rings and rear seat back cover LH from the seat back pad.

### 5. REMOVE REAR SEAT BACK LOCK ASSEMBLY LH

Remove the 2 bolts and rear seat back lock assembly.

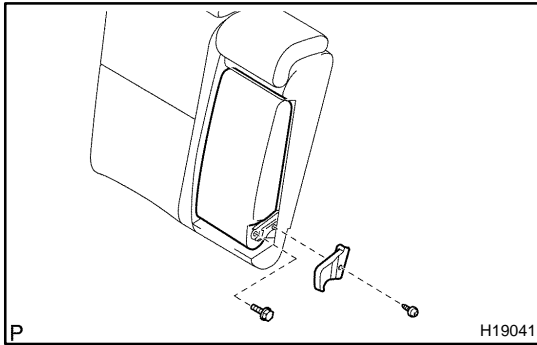


### 6. REMOVE REAR SEAT BACK BOARD CARPET RH

- Remove the 3 screws and rear seat back lock cover RH.
- Using a screwdriver, remove the rear seat back board carpet RH.

HINT:

Tape the screwdriver tip before use.

**7. REMOVE CENTER ARMREST**

- (a) Remove the screw and center armrest hinge cover.
- (b) Remove the bolt and center armrest.

**8. REMOVE REAR SEAT BACK COVER RH**

- (a) Remove the bolt and rear seat back hinge RH.
- (b) Remove the headrest supports.
- (c) Remove the rear back lock release button.
- (d) Remove the rear seat back stop button grommet.
- (e) Remove the hog rings and rear seat back cover with pad from the seat back frame.
- (f) Remove the hog rings and rear seat back cover RH from the seat back pad.

**9. REMOVE REAR SEAT BACK LOCK ASSEMBLY RH**

Remove the 2 bolts and rear seat back lock assembly RH.

**10. REMOVE REAR SEAT CUSHION COVER**

Remove the hog rings and rear seat cushion cover from the seat cushion pad.

## REASSEMBLY

### 1. INSTALL REAR SEAT CUSHION COVER

Install the rear seat cushion cover with new hog rings to the front of seat cushion pad.

HINT:

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

### 2. INSTALL REAR SEATBACK LOCK ASSEMBLY RH

### 3. INSTALL REAR SEATBACK COVER RH

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

HINT:

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

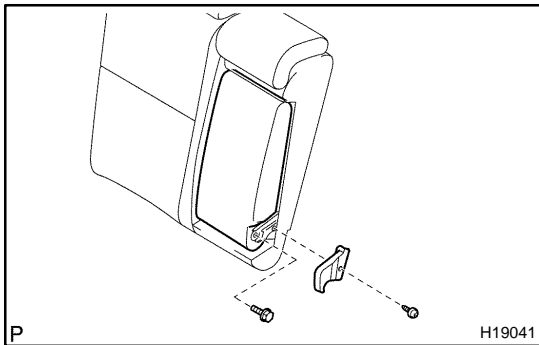
- (b) Install seatback cover with pad to the seatback frame with new hog rings.

HINT:

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

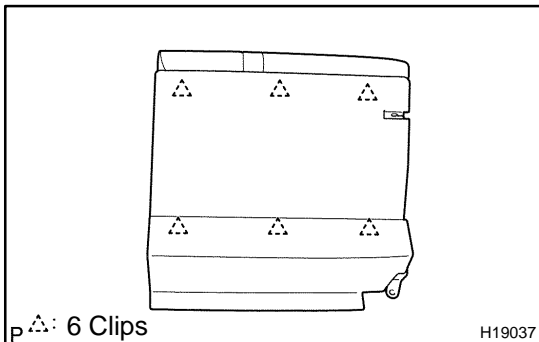
- (c) Install the 6 headrest supports.  
 (d) Install the rear seatback stop button grommet.  
 (e) Install the rear back lock release button.  
 (f) Install the bolt and rear seatback hinge RH.

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



### 4. INSTALL CENTER ARMREST

- (a) Install the center armrest with the bolt.  
 (b) Install the center armrest hinge cover with the screw.



### 5. INSTALL SEATBACK BOARD CARPET RH

- (a) Install the seatback board carpet RH.  
 (b) Install the rear seatback lock cover RH.

### 6. INSTALL REAR SEATBACK LOCK ASSEMBLY LH

**7. INSTALL SEATBACK COVER LH**

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

HINT:

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

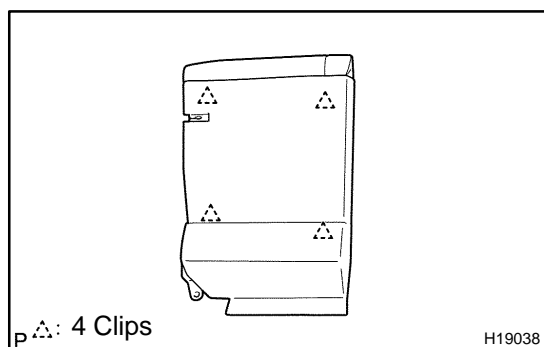
- (b) Install seatback cover with pad to the seatback frame with new hog rings.

HINT:

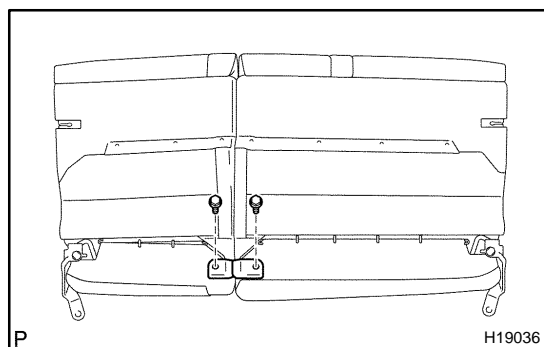
When installing the hog rings, take care to prevent wrinkles as little as possible.

- (c) Install the 6 headrest supports.  
 (d) Install the rear seatback stop button grommet.  
 (e) Install the rear back lock release button.  
 (f) Install the bolt and rear seatback hinge LH.

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

**8. INSTALL SEATBACK BOARD CARPET RH**

- (a) Install the seatback board carpet LH.  
 (b) Install the rear seatback lock cover LH.

**9. INSTALL REAR SEATBACK CENTER HINGE**

Install the rear seat center hinge with the 2 bolts.

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

**10. INSTALL REAR SEAT HEADRESTS**



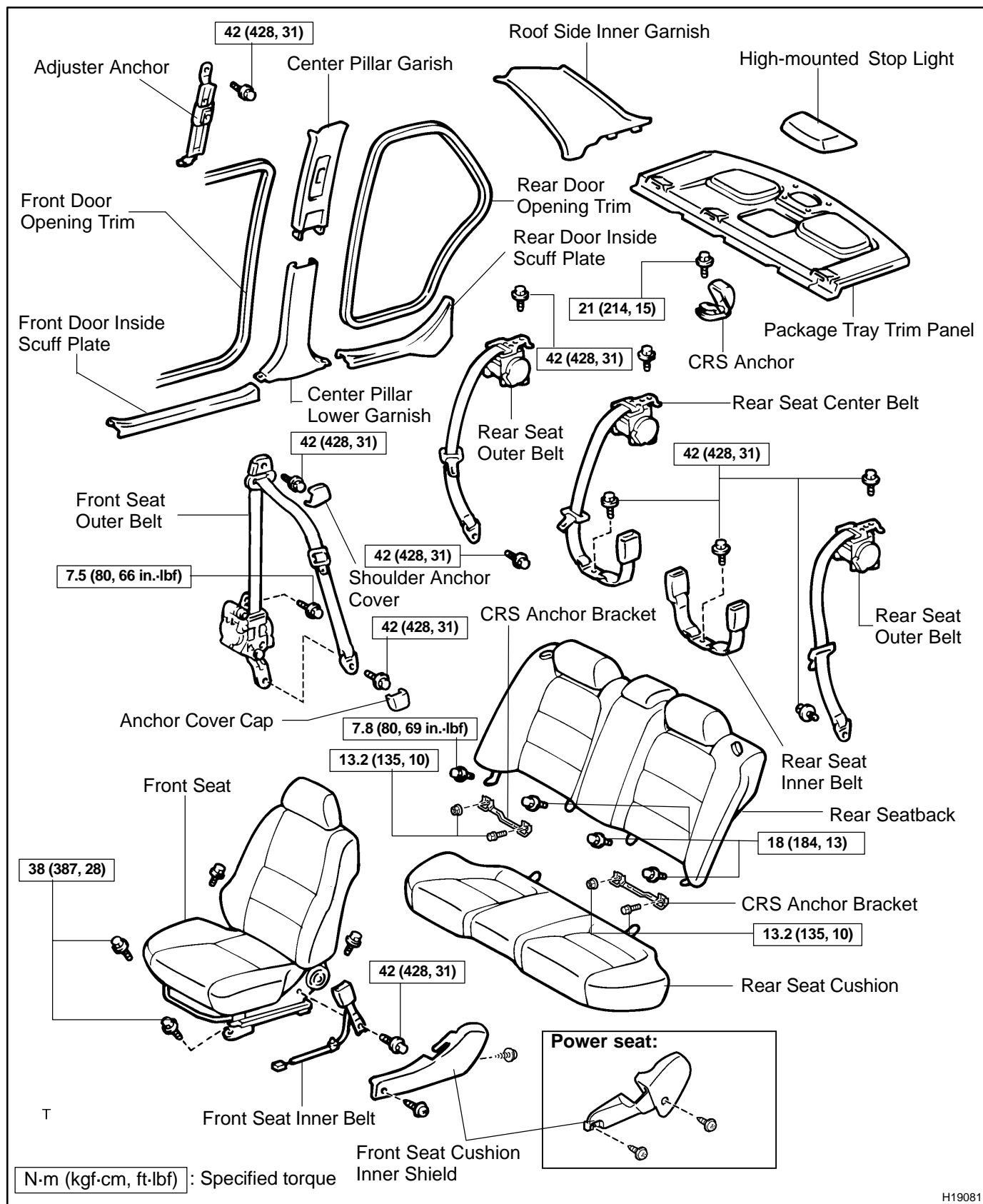
## INSTALLATION

The installation procedures are the removal procedures in reverse order (See page [BO-204](#) ).

# SEAT BELT (Sedan)

## COMPONENTS

B04EG-02



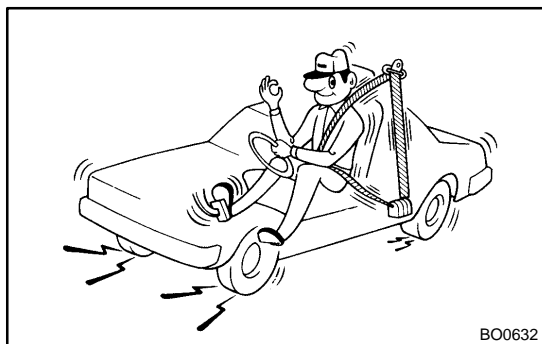
## INSPECTION

### CAUTION:

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

### 1. 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.

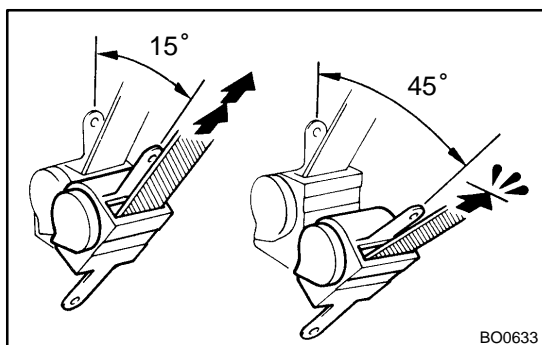


### HINT:

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.

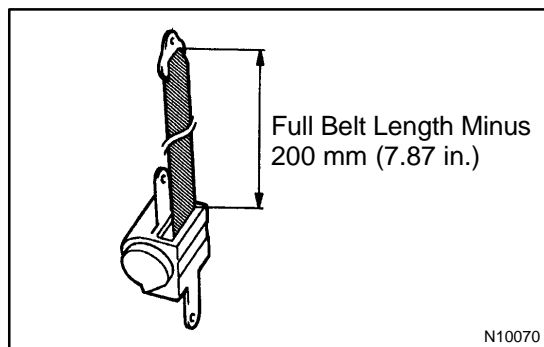
If a problem is found, replace the assembly.

### 3. Except Driver's Seat Belt (ELR/ALR): STATIC TEST

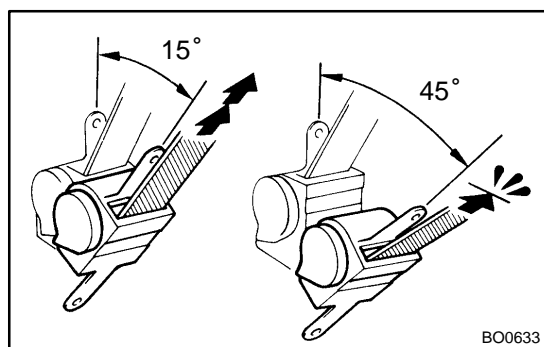
- (a) Make sure that the belt locks when pulled out quickly.
- (b) Remove the locking retractor assembly.
- (c) Pull out the whole belt and measure the length of the whole belt.

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 in the retractor.
- (f) Tilt the retractor slowly.



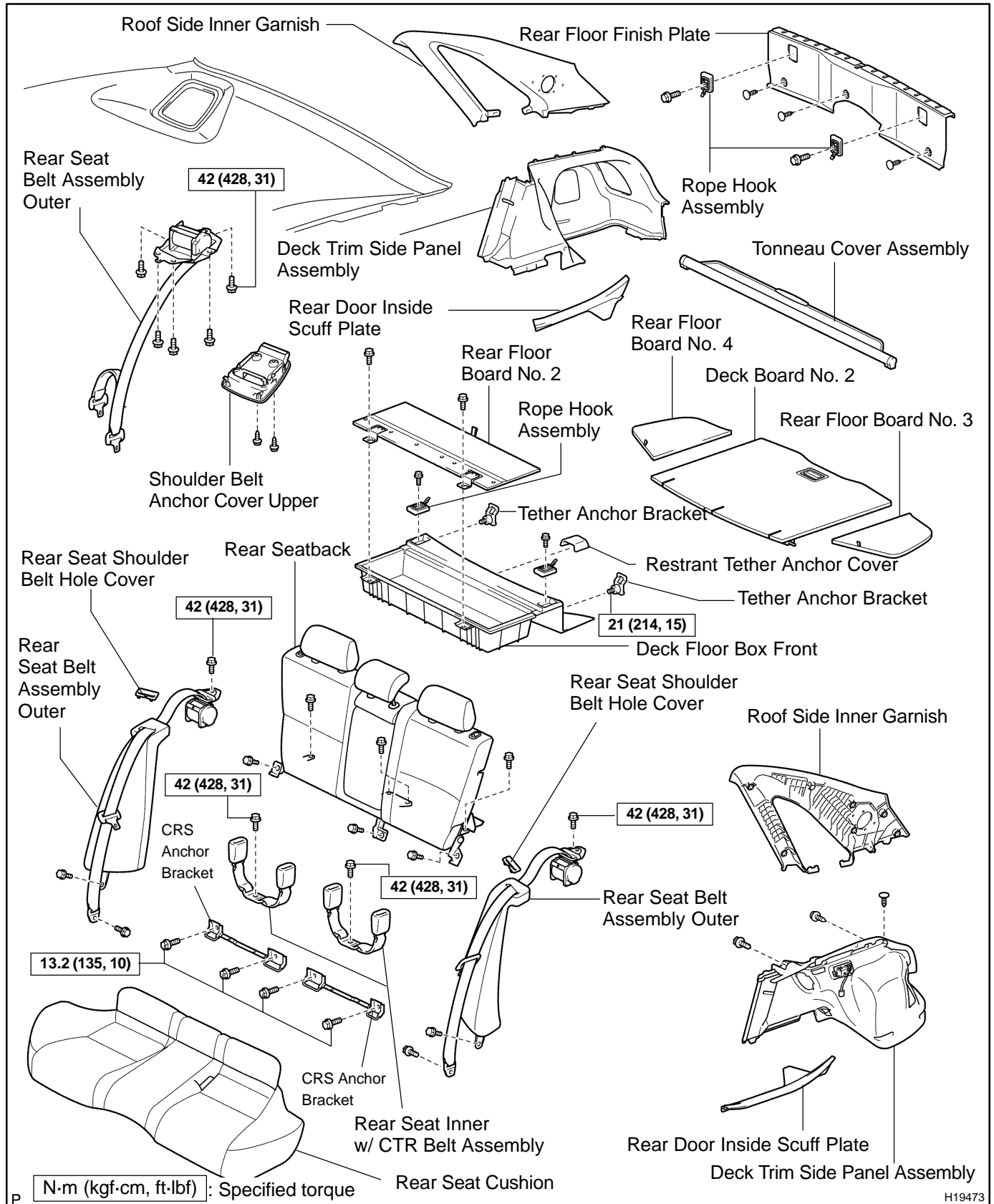
- (g) Make sure that the belt can be pulled out at a tilt of 15 degrees or less, and cannot be pulled out at over 45 degrees of tilt.

If a problem is found, replace the assembly.

# SEAT BELT (Wagon)

## COMPONENTS

B04E1-02



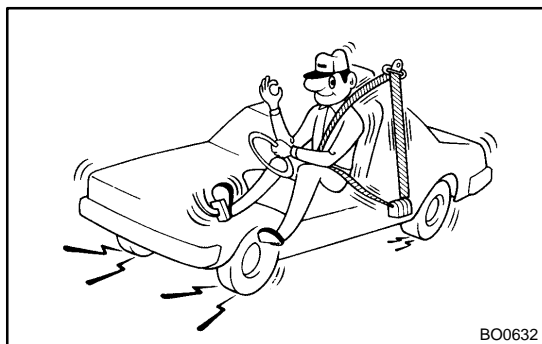
## INSPECTION

### CAUTION:

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

### 1. 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.

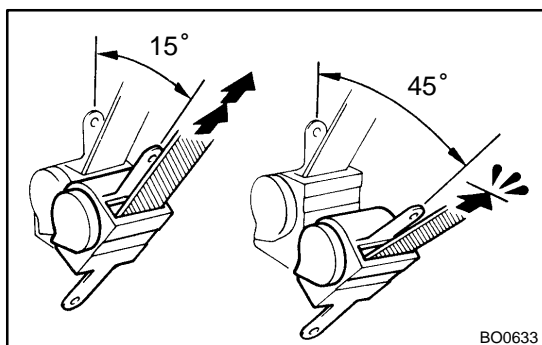


### HINT:

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.

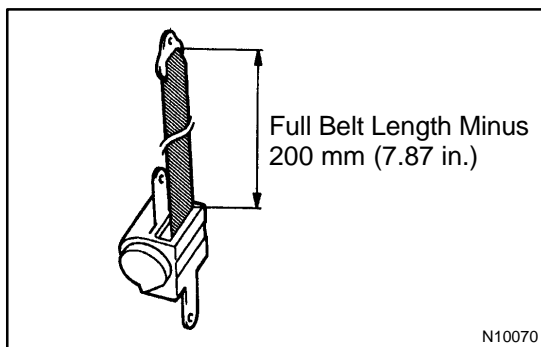


- (d) Make sure that the belt can be pulled out at a tilt of 15 degrees or less, and cannot be pulled out over 45 degrees of tilt.

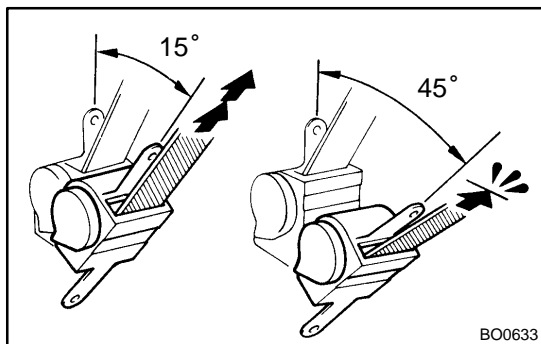
If a problem is found, replace the assembly.

### 3. Except Driver's Seat Belt (ELR/ALR): 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 in the retractor.
- (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.

# SEAT BELT PRETENSIONER REMOVAL

BO2DG-05

## NOTICE:

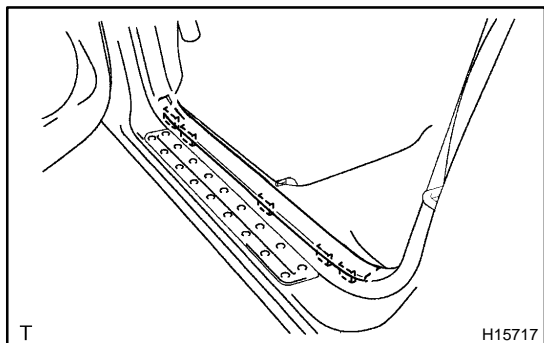
- If the wiring connector of the seat belt pretensioner is disconnected with the ignition switch at ON or ACC, diagnostic trouble codes will be recorded.
- Never use seat belt pretensioner from another vehicle. When replacing parts, replace them with new parts.

### 1. REMOVE FRONT DOOR INSIDE SCUFF PLATE

Using a screwdriver, remove the front door inside scuff plate.

HINT:

Tape the screwdriver tip before use.



### 2. REMOVE REAR DOOR INSIDE SCUFF PLATE

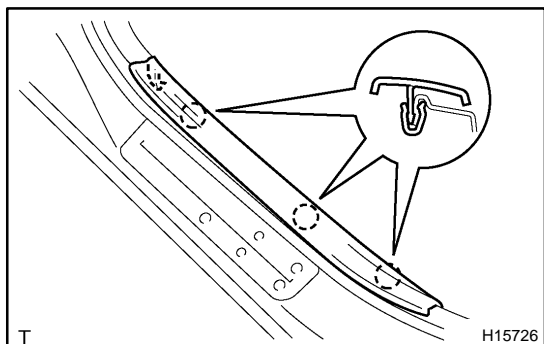
Using a screwdriver, remove the rear door inside scuff plate.

HINT:

Tape the screwdriver tip before use.

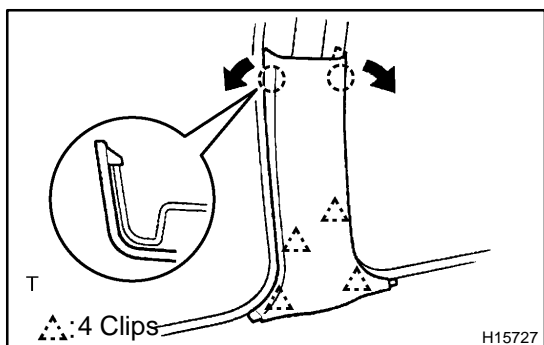
### 3. REMOVE REAR PART OF FRONT DOOR OPENING TRIM

### 4. REMOVE FRONT PART OF REAR DOOR OPENING TRIM



### 5. REMOVE CENTER PILLAR LOWER GARNISH

Remove the center pillar lower garnish as shown in the illustration.



### 6. REMOVE FRONT SEAT OUTER BELT

(a) Using a screwdriver, remove the shoulder anchor cover.

HINT:

Tape the screwdriver tip before use.

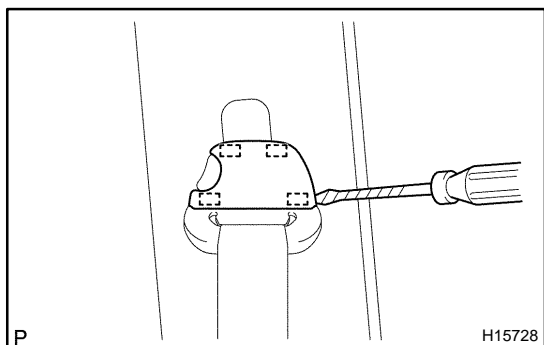
(b) Remove the bolt and shoulder anchor.

(c) Using a screwdriver, remove the floor anchor cover.

HINT:

Tape the screwdriver tip before use.

(d) Remove the bolt and floor anchor.





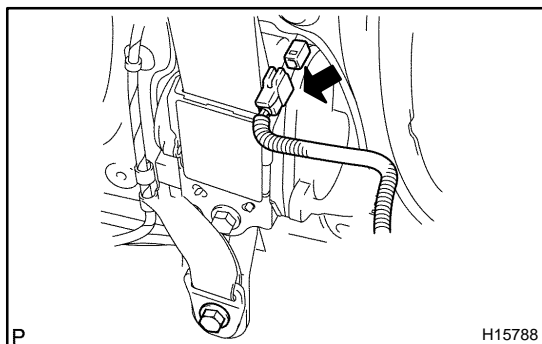
(e) Remove the retractor of front seat outer belt.

**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.**



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

**CAUTION:**

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

- (2) Remove the upper bolt and retractor of front seat outer belt.

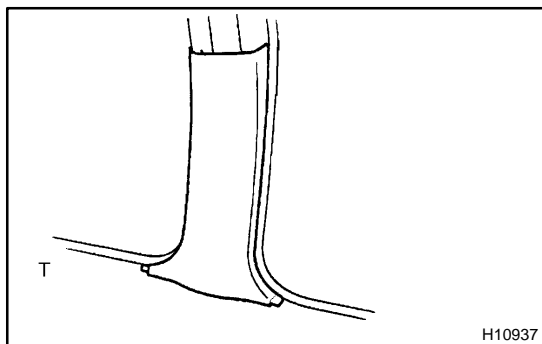
**NOTICE:**

**Except when disposing of the seat belt pretensioner, do not remove the shoulder belt anchor plate from the retractor.**

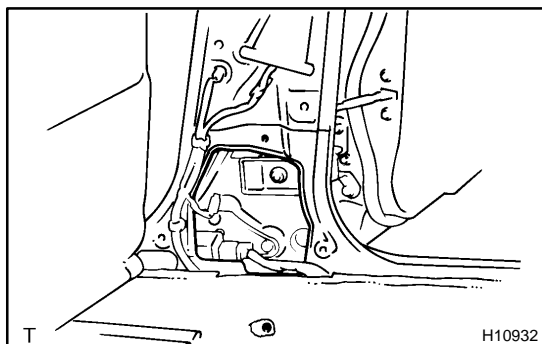
## INSPECTION

### 1. PRETENSIONER IS NOT ACTIVATED

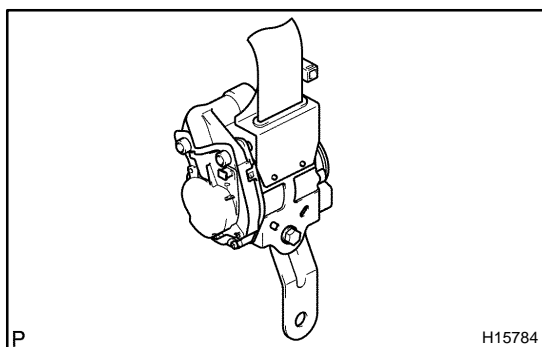
- (a) Perform a diagnostic system check.  
(See page [DI-607](#) )



- (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 on 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.



- Check for small cuts and minute cracks in wire harness or marked discoloration on the front seat outer belt.

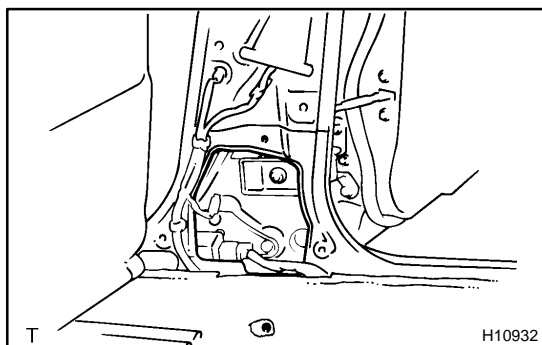
### CAUTION:

For removal and installation of the front seat outer belt, see page [BO-217](#) and [BO-226](#) .

Be sure to follow the correct procedure.

### 2. PRETENSIONER IS ACTIVATED

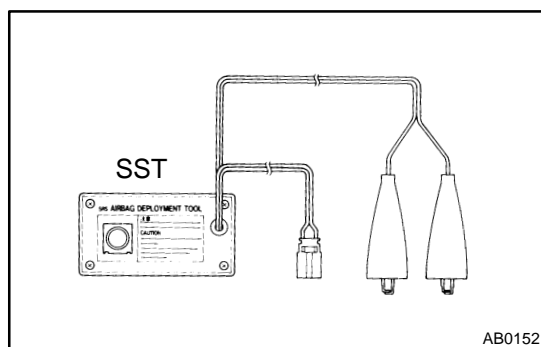
- (a) Perform a diagnostic system check.  
(See page [DI-607](#) )
- (b) Perform a visual check which includes the following items with the front seat outer belt removed from the vehicle.
- Check for deformation of the center pillar.
  - Check for damage on the connector and wire harness.



## DISPOSAL

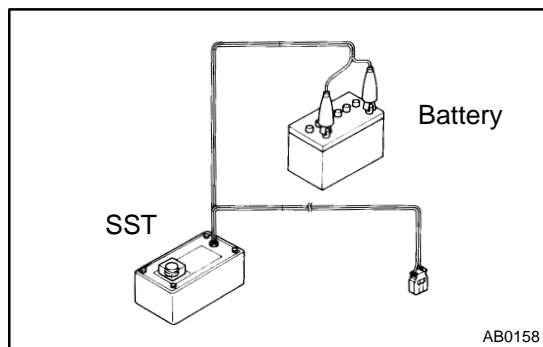
### HINT:

When scrapping vehicles equipped with a seat belt pretensioner or disposing of a front seat outer belt (with seat belt pretensioner), always first activate the seat belt pretensioner in accordance with the procedure described below. If any abnormality occurs in the seat belt pretensioner operation, contact the SERVICE DEPT. of 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-(e) in "DISPOSAL".



### CAUTION:

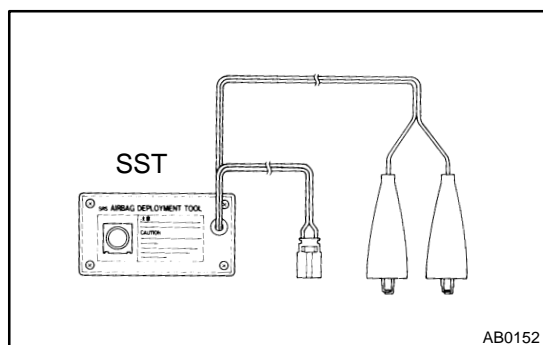
- Never dispose of front seat outer belt which has an in-activated pretensioner.
- The seat belt pretensioner produces a sizeable exploding sound when it activates, so perform the operation outdoors and where it will not create a nuisance to nearby residents.
- When activating the seat belt pretensioner, always use the specified SST (SRS Airbag Deployment Tool). Perform the operation in a place away from electrical noise.  
SST 09082-00700, 09082-00730
- 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 the front seat outer belt with activated pretensioner.
- Always wash your hands with water after completing the operation.
- Do not apply water, etc. to the 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.

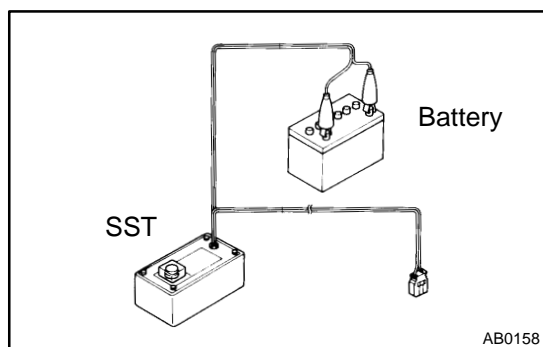


(a) Check the functioning of SST.

### CAUTION:

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

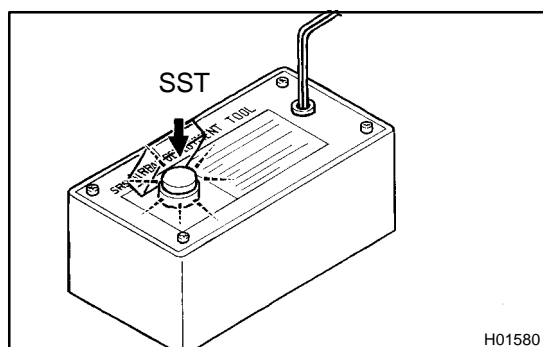
SST 09082-00700, 09082-00730



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

### HINT:

Do not connect the yellow connector to the battery which should be connected with the seat belt pretensioner.

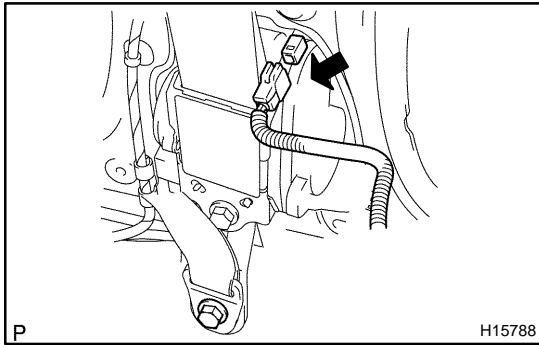


- (2) Press the SST activation switch, and check the LED of the SST activation switch comes on.

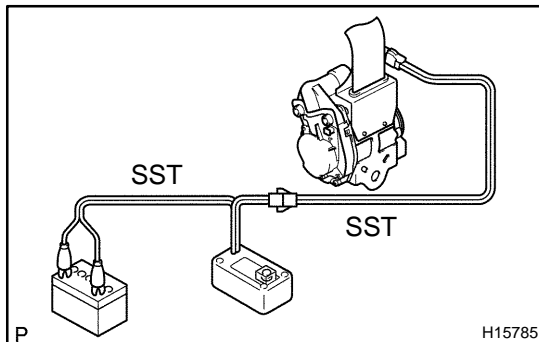
### CAUTION:

**If the LED comes on when the activation switch is not being pressed, SST malfunction is probable, so definitely do not use the SST.**

- (b) Disconnect the pretensioner connector.
  - (1) Remove the front door inside scuff plate.
  - (2) Remove the rear door inside scuff plate.
  - (3) Remove the rear part of front door opening trim.
  - (4) Remove the front part of rear door opening trim.
  - (5) Remove the center pillar lower garnish.



- (6) Disconnect the pretensioner connector as shown in the illustration.
- (c) Install the SST.
  - (1) 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.

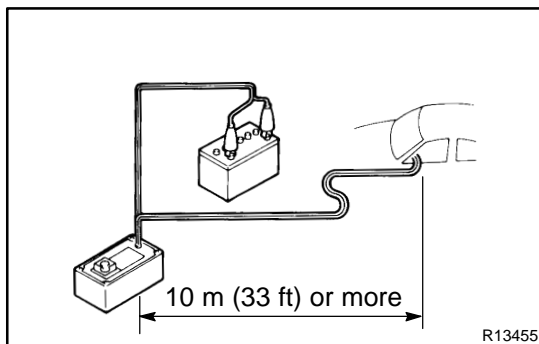


- (2) Connect the 2 SST, then connect them to the seat belt pretensioner.

SST 09082-00700, 09082-00730

**NOTICE:**

**Avoid damaging the SST connector and wire harness.**



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

**NOTICE:**

**Take care not to damage the SST wire harness.**

- (5) Connect the SST red clip to the battery positive (+) terminal and the SST black clip to the negative (-) terminal.
- (d) Activate the 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 comes on.

- (e) Dispose of 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.

**HINT:**

When scrapping a vehicle, dispose the seat belt pretensioner and scrap the vehicle with activated front seat outer belt being 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 on the next page when activating the seat belt pretensioner.

**HINT:**

Have a battery ready as the power source when activating the seat belt pretensioner.

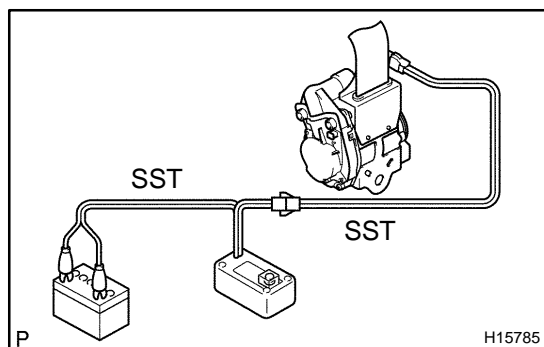
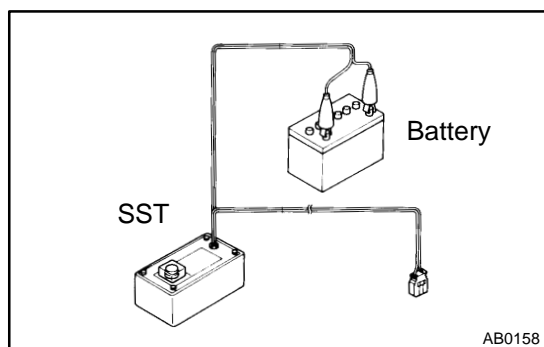
- (a) Remove the front seat outer belt (See page [BO-217](#) ).

**HINT:**

Cut the belt near the seat belt retractor.

- (b) Remove the bolt and the shoulder belt anchor plate.

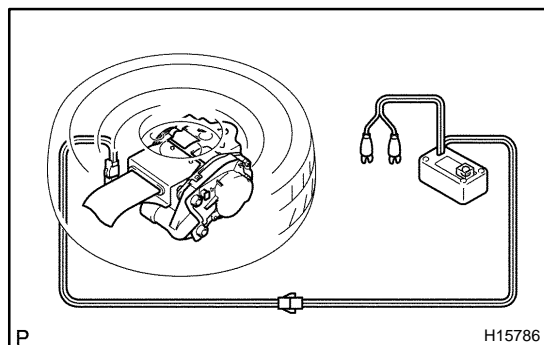
- (c) Check functioning of SST (See step 1-(a)).  
SST 09082-00700, 09082-00730



- (d) Install the SST.  
(1) Connect the 2 SST, then connect them to the seat belt pretensioner.  
SST 09082-00700, 09082-00730

**NOTICE:**

Take care not to damage the SST connector and wire harness.



- (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 at least 10 m (33 ft) away from the disc wheel.

**NOTICE:**

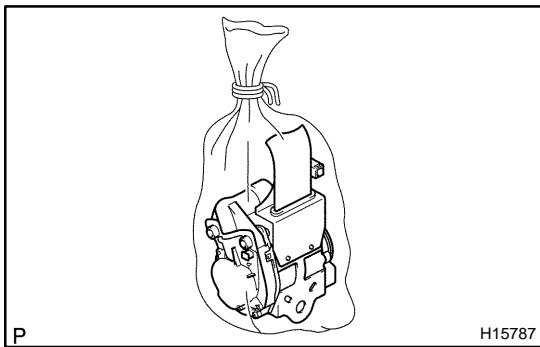
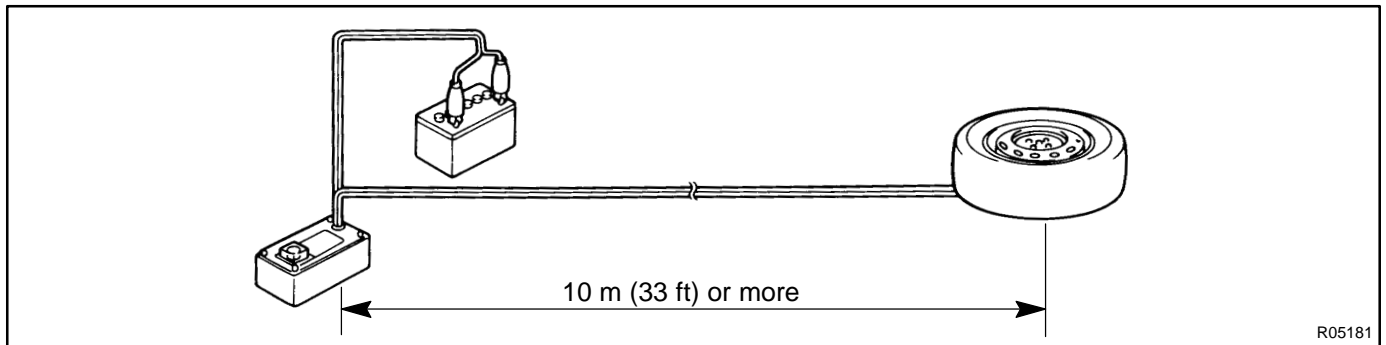
Take care not to damage the SST wire harness.

- (e) Activate the seat belt pretensioner.

- (1) Connect the SST red clip to the battery positive (+) terminal and the SST 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 comes on.



- (f) Dispose of 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, and tie the end tightly and dispose of it in the same way as other general parts.

## 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 checking items 1-(b) or 2-(b) (See page [BO-219](#) ).
- If the front seat outer belt has been dropped.

### CAUTION:

For removal and installation of the seat belt pretensioner, see page [BO-217](#) and [BO-226](#) .

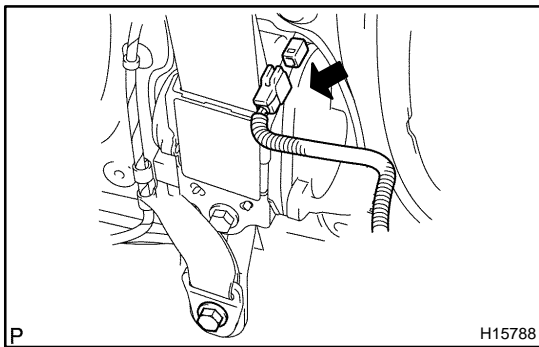
Be sure to follow the correct procedure.



## INSTALLATION

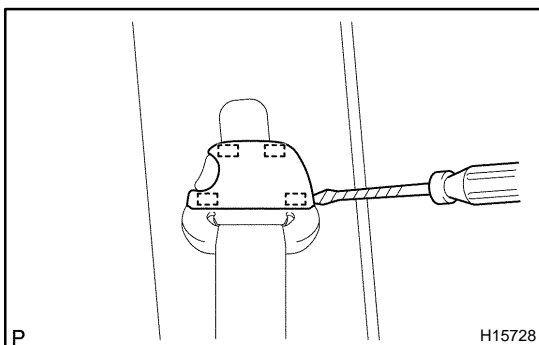
### NOTICE:

- 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 with the specified torque.
- If the front seat outer belt has been dropped, or if 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.

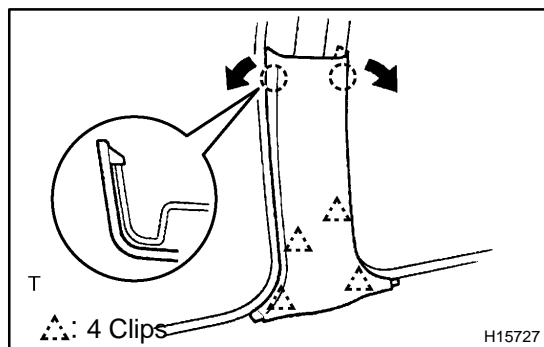


### 1. INSTALL FRONT SEAT OUTER BELT

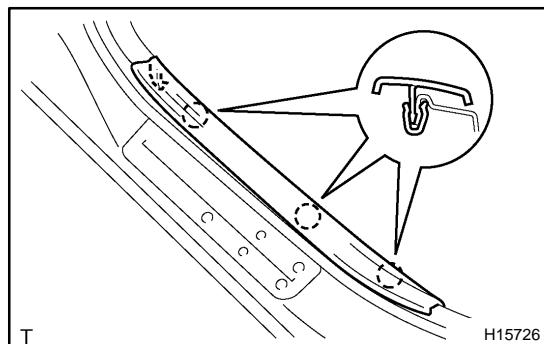
- Install the retractor of front seat outer belt.
  - Install the retractor of front seat outer belt with the upper bolt.  
**Torque: 7.8 N·m (80 kgf·cm, 69 in.-lbf)**
  - Connect the pretensioner connector as shown in the illustration.
- Install the floor anchor with the bolt.  
**Torque: 41 N·m (420 kgf·cm, 30 ft-lbf)**
- Install the floor anchor cover.



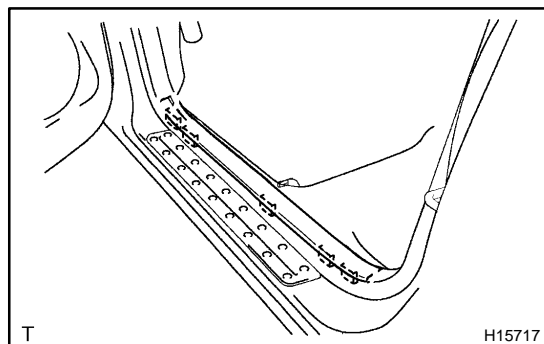
- Install the shoulder anchor with the bolt.  
**Torque: 41 N·m (420 kgf·cm, 30 ft-lbf)**
- Install the shoulder anchor cover.

**2. INSTALL CENTER PILLAR LOWER GARNISH**

Install the center pillar lower garnish to the body.

**3. INSTALL FRONT PART OF REAR DOOR OPENING TRIM****4. INSTALL REAR PART OF FRONT DOOR OPENING TRIM****5. INSTALL REAR DOOR INSIDE SCUFF PLATE**

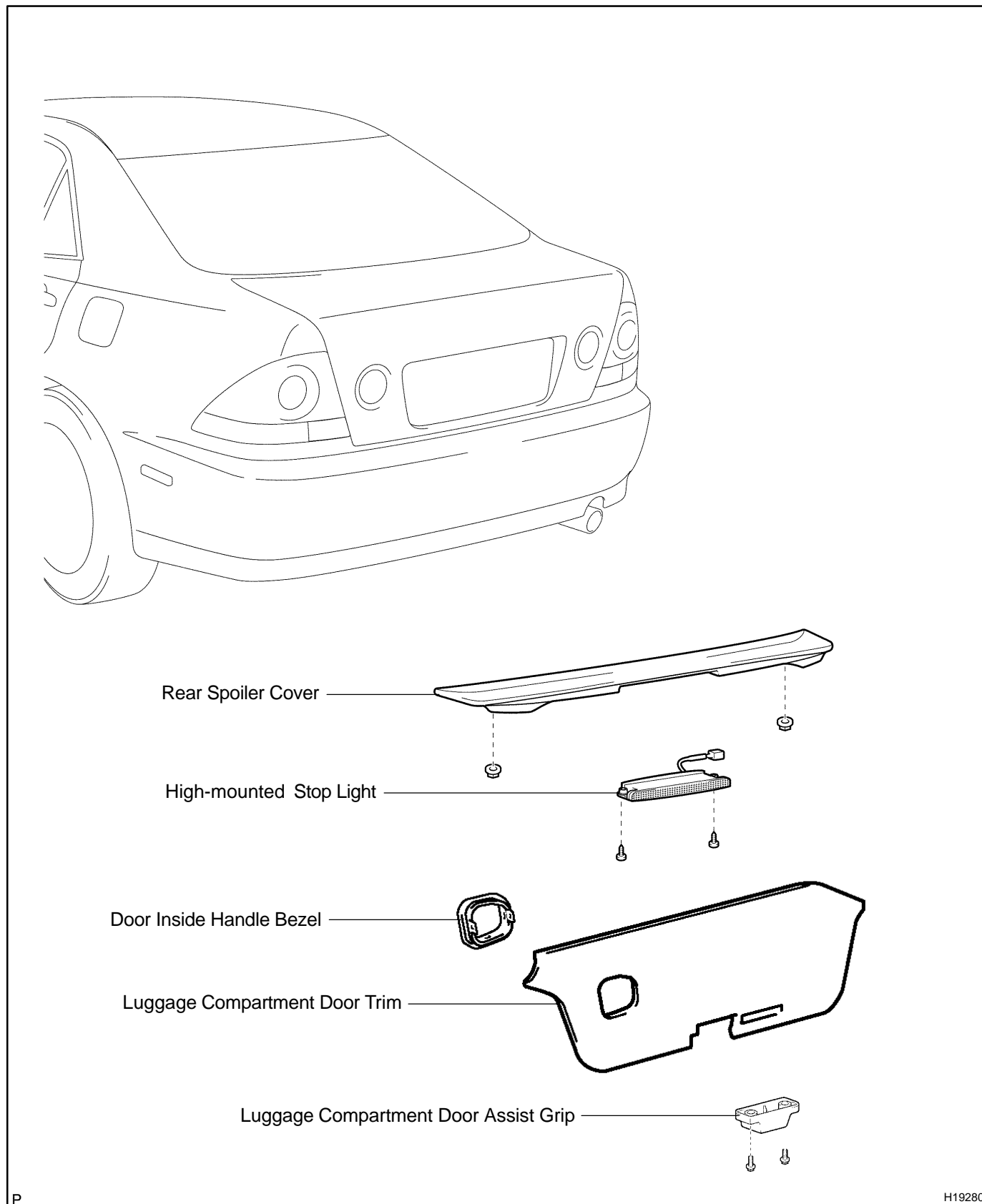
Install the rear door inside scuff plate to the body.

**6. INSTALL FRONT DOOR INSIDE SCUFF PLATE**

Install the front door inside scuff plate to the body.

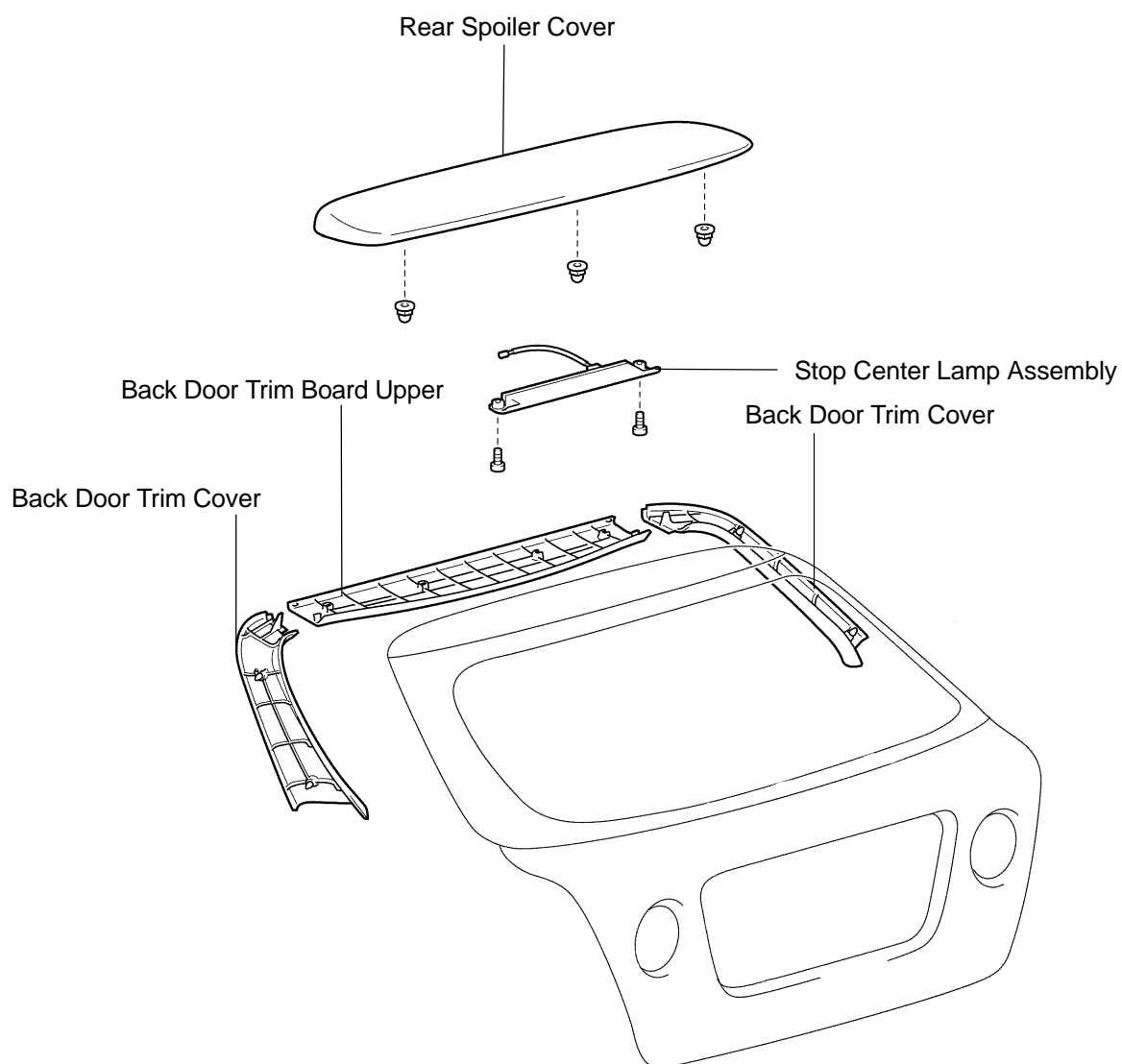
## SPOILER (Sedan) COMPONENTS

B04EK-01



# SPOILER (Wagon) COMPONENTS

B04EL-01



H19205