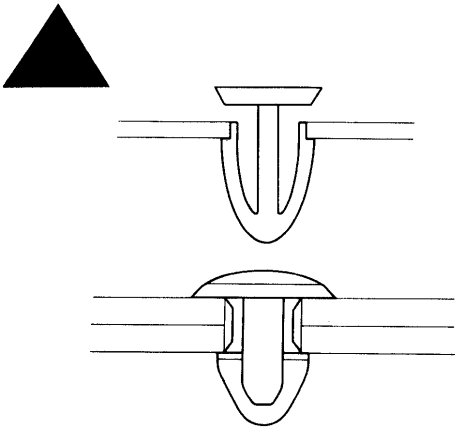
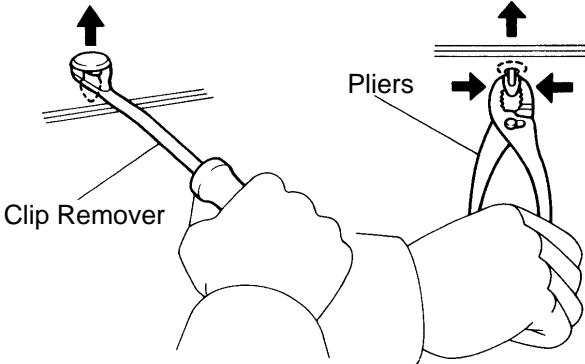
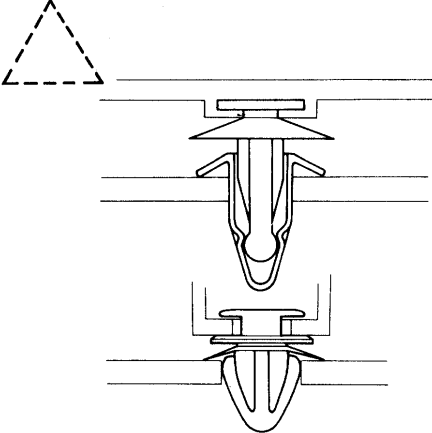
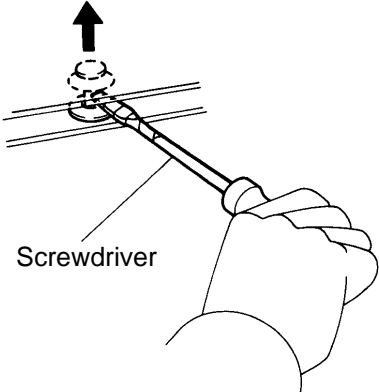
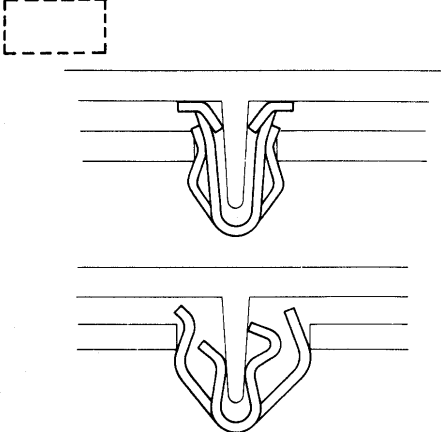
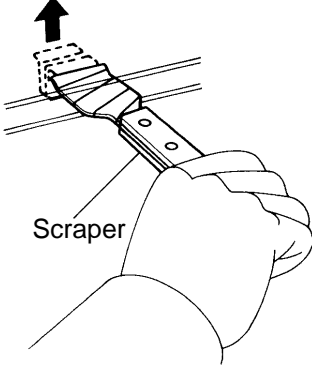


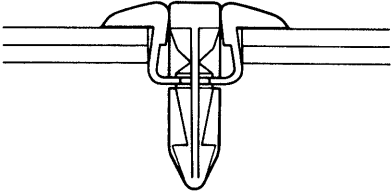
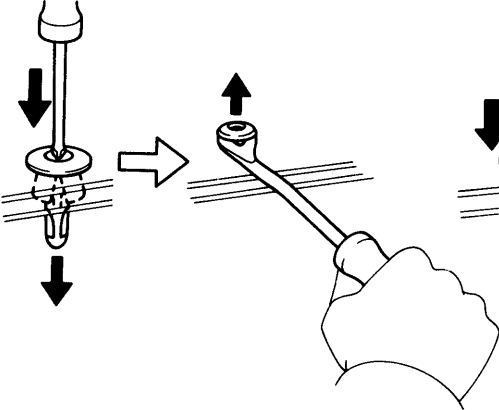
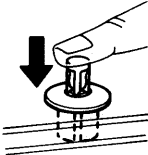
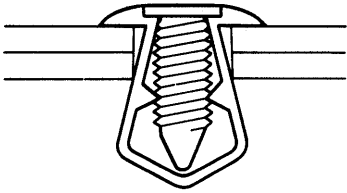
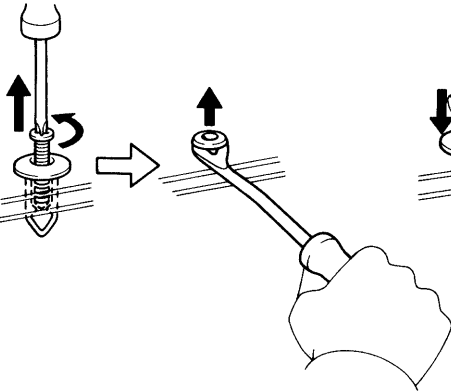
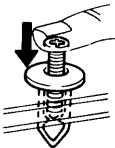
CLIP

REPLACEMENT

BO0NN-01

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

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

Shape (Example)	Removal/Installation
	<div>Removal</div>  <div>Installation</div> 
	<div>Removal</div>  <div>Installation</div> 

V00012

SRS AIRBAG

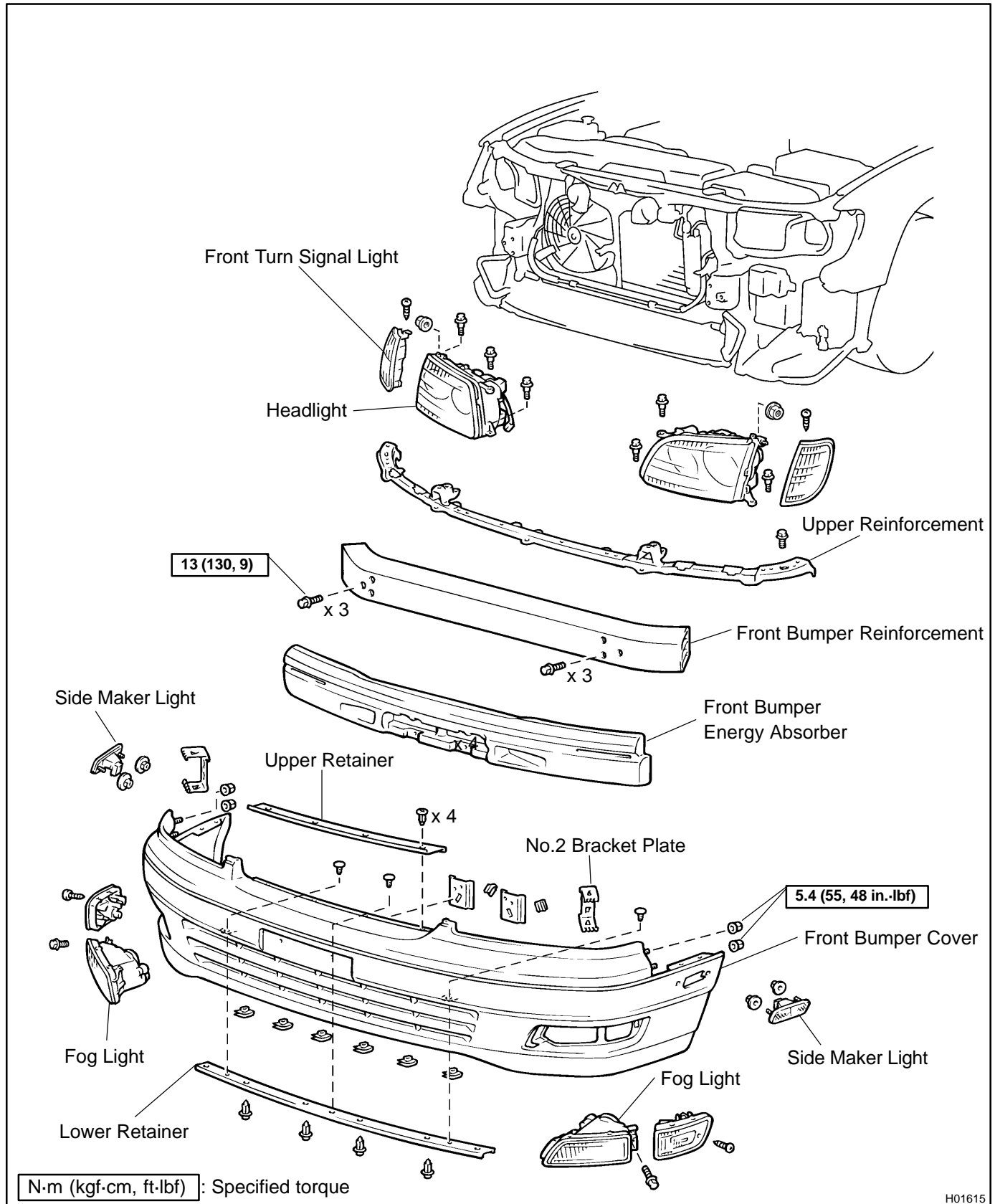
BO0NO-01

PRECAUTION

The LEXUS LS400 is equipped with an SRS (Supplemental Restraint System) such as the driver airbag, front passenger airbag, side airbag and seat belt pretensioner. Failure to carry out service operation in the correct sequence could cause the SRS to unexpectedly deploy during servicing, possibly leading to a serious accident. Before servicing (including removal or installation of parts, inspection or replacement), be sure to read the precautionary notices in the RS section.

FRONT BUMPER COMPONENTS

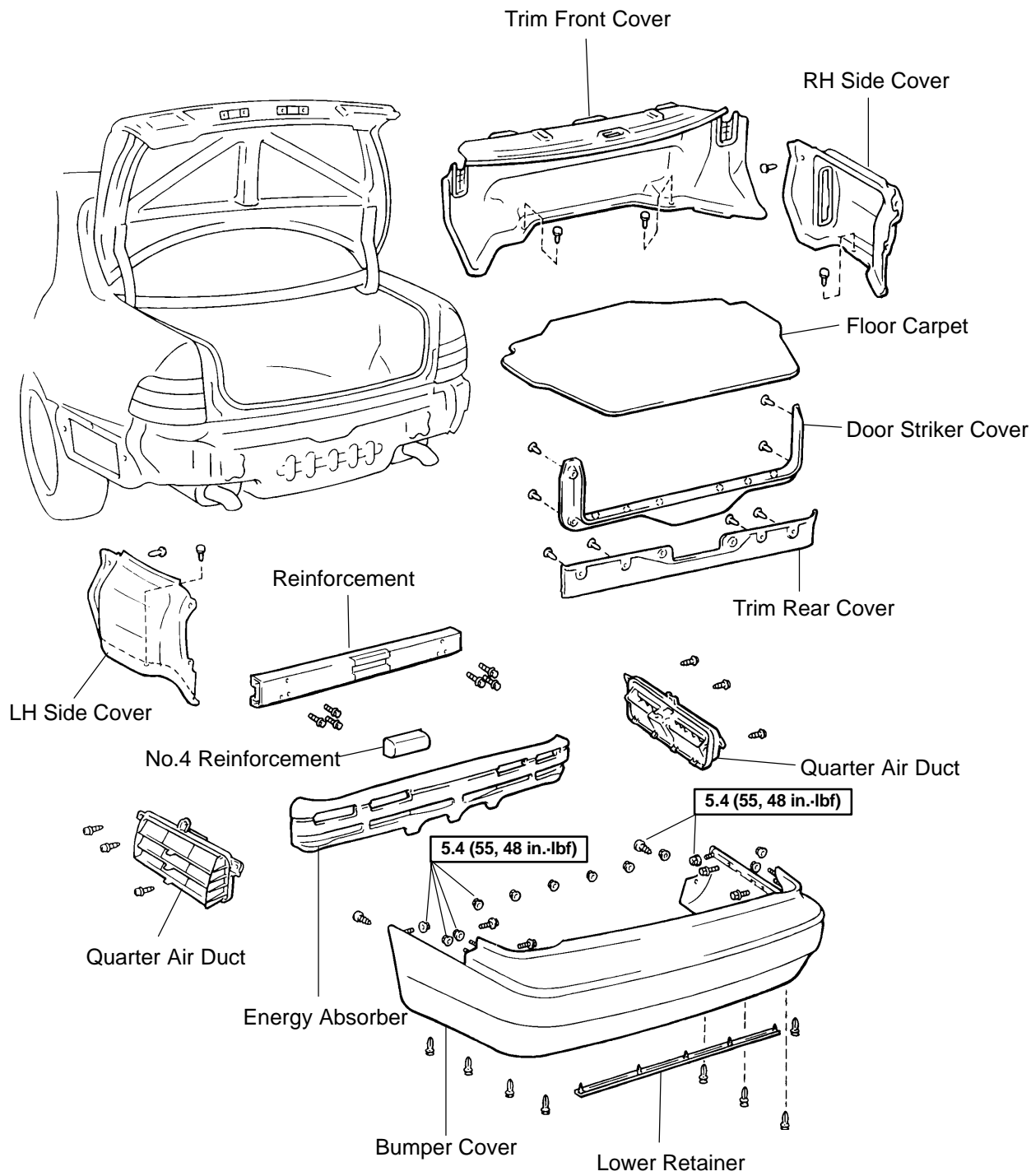
B00Q0-01



H01615

REAR BUMPER
COMPONENTS

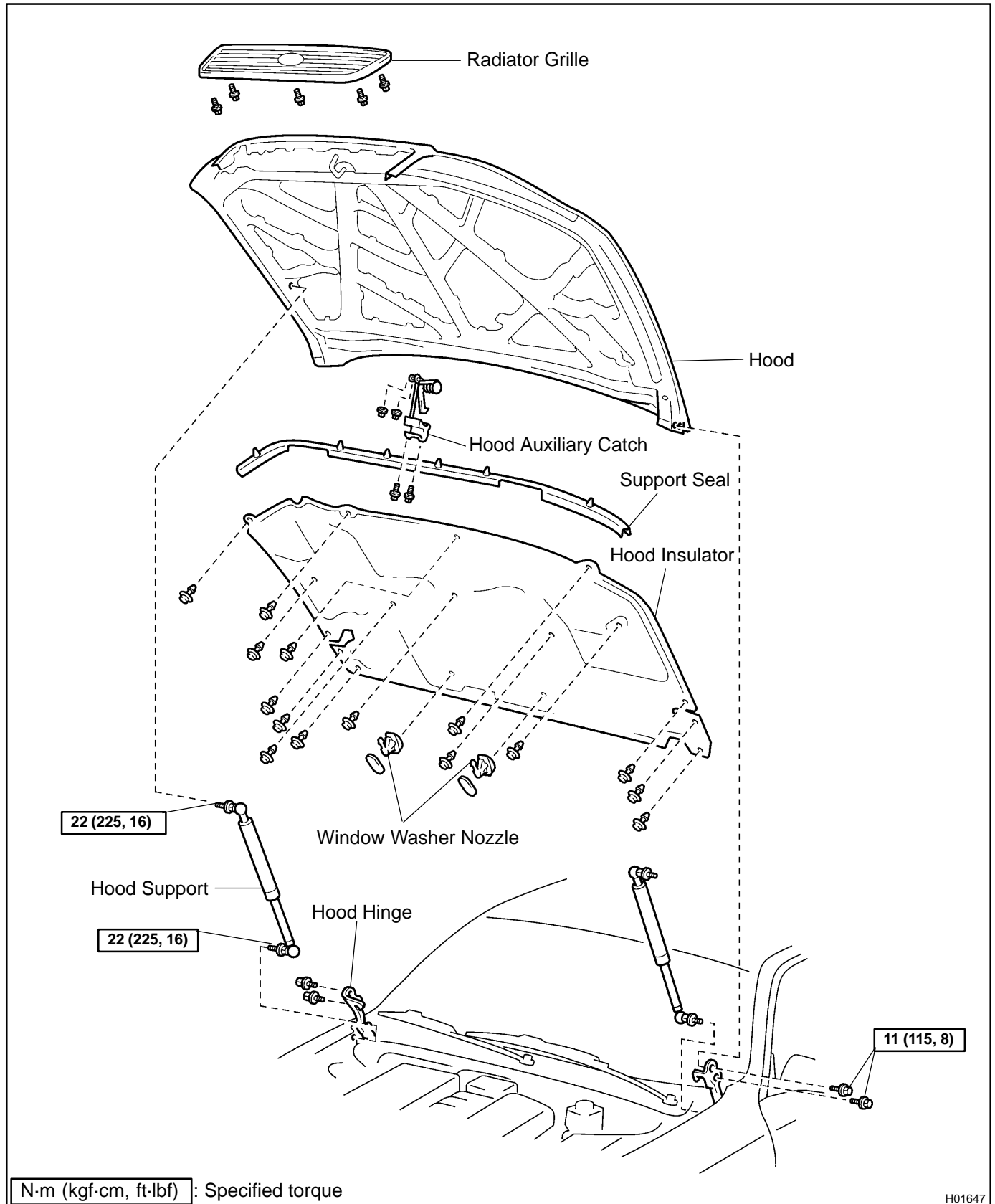
BO0NP-01

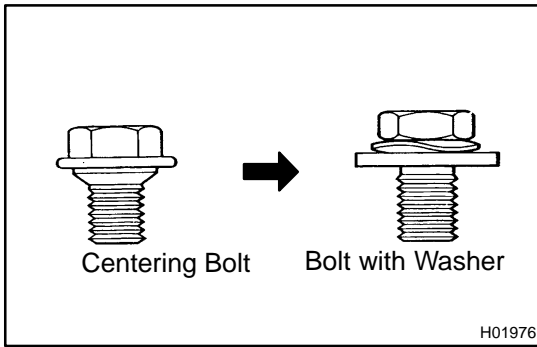


H03118

HOOD COMPONENTS

BO0NQ-01

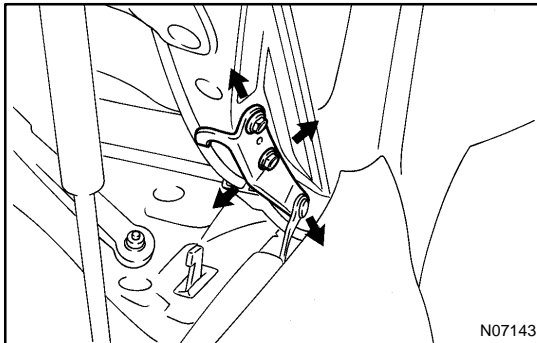




ADJUSTMENT

1. SUBSTITUTE BOLT WITH WASHER FOR CENTERING BOLT

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



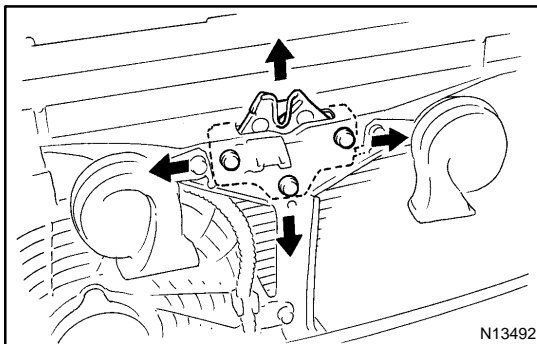
2. ADJUST HOOD IN FORWARD/REARWARD AND VERTICAL DIRECTIONS

Adjust the hood by loosening the hood side hinge bolts.

Torque: 11 N·m (115 kgf·cm, 8 ft·lbf)

3. ADJUST FRONT EDGE OF HOOD IN VERTICAL DIRECTION

Adjust the hood by turning the cushions.



4. ADJUST HOOD LOCK

Adjust the hood lock by loosening bolts.

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

HOOD SUPPORT REPLACEMENT

1. REMOVE SUPPORT FROM HOOD

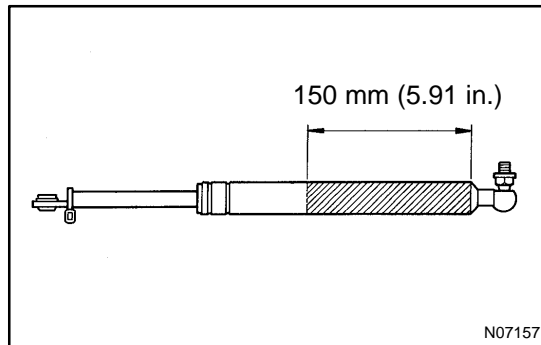
Remove the bolt and support from the hood.

HINT:

While supporting the hood by hand, remove the hood.

2. REMOVE SUPPORT FROM BODY

Remove the bolt and support.



3. IF NECESSARY, REPLACE HOOD SUPPORT

NOTICE:

Handling the support

- ◆ Do not disassemble the support as the cylinder is filled with pressurized gas.
- ◆ If the support is to be replaced, drill a 2.0 – 3.0 mm (0.079 – 0.118 in.) hole in the area 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 support carefully. Never score or scratch the exposed part of the piston rod, and allow any paint or oil to get on it.
- ◆ Do not turn the piston rod and cylinder with the support fully extended.

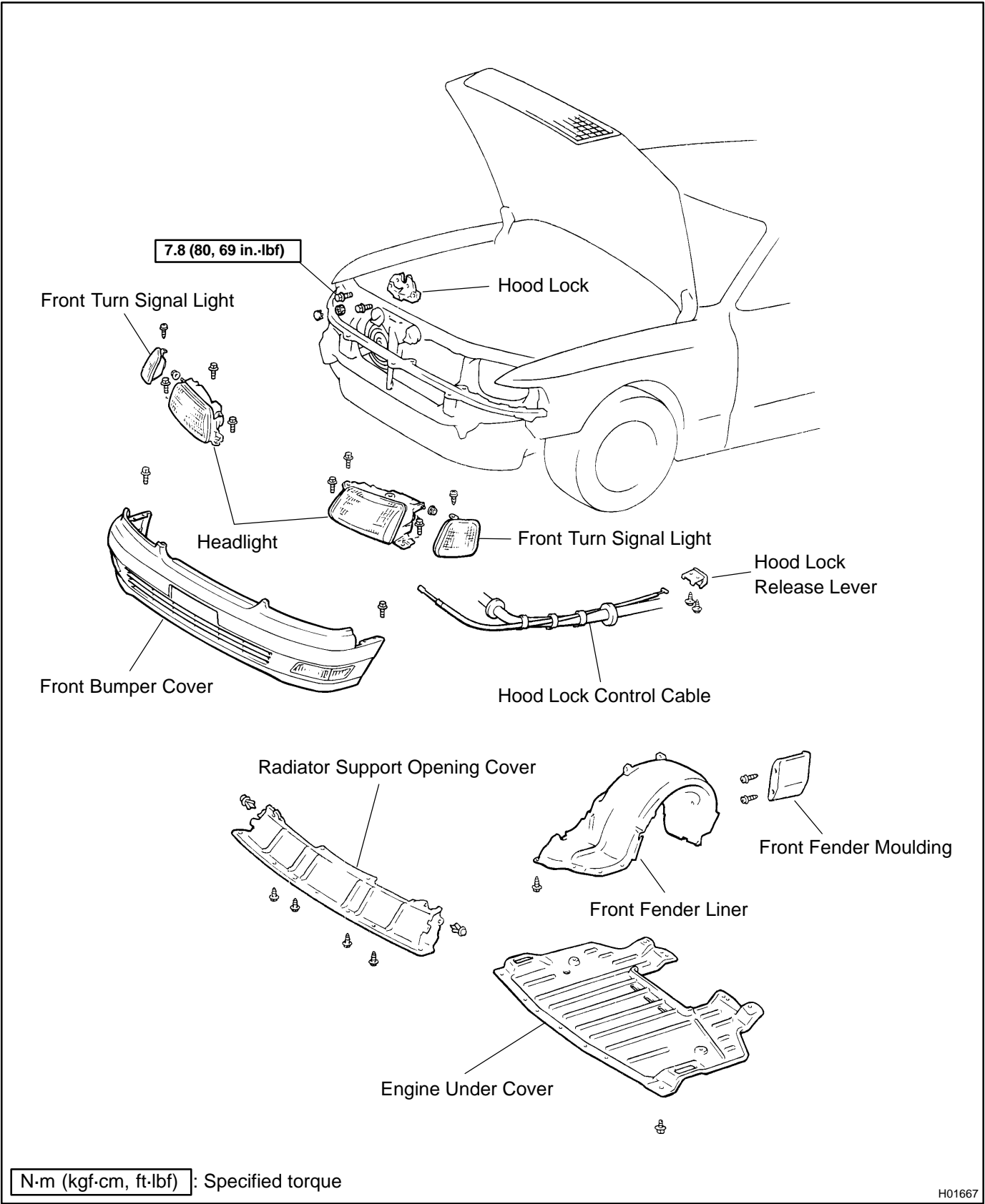
4. INSTALL HOOD SUPPORT

Install the hood support.

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

HOOD LOCK CONTROL COMPONENTS

BOONT-01

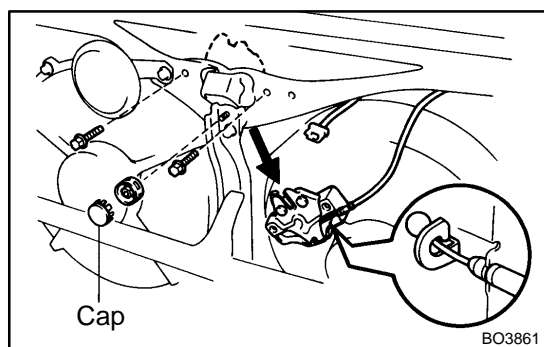


H01667

REMOVAL

1. REMOVE THESE PARTS:

- (a) Engine under cover
- (b) Radiator support opening cover
- (c) Front fender moulding
- (d) Front fender liner
- (e) Front turn signal light
- (f) Headlight
- (g) Front bumper cover
- (h) Hood lock release lever



2. REMOVE HOOD LOCK

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

HINT:

Tape the screwdriver tip before use.

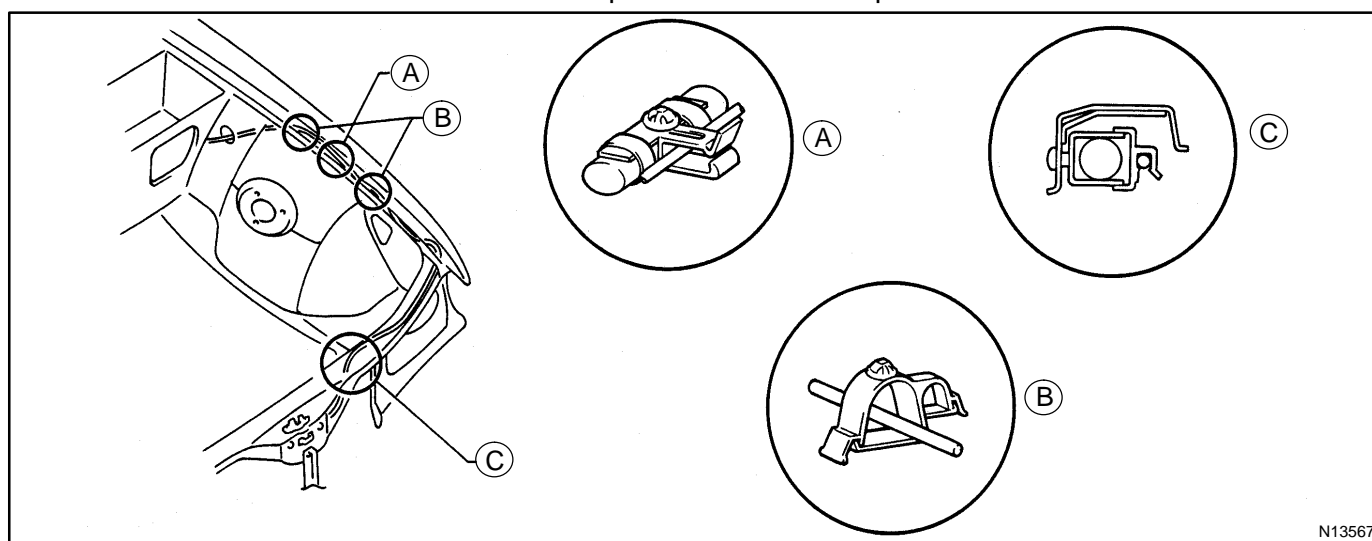
- (b) Remove the 2 bolts, nut and hood lock.
- (c) Disconnect the link from the lock.

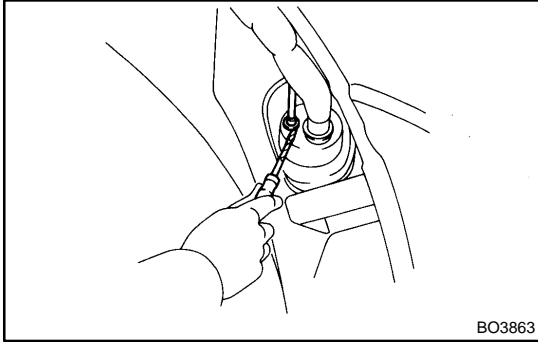
3. REMOVE HOOD LOCK CONTROL CABLE

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

HINT:

Tape the screwdriver tip before use.

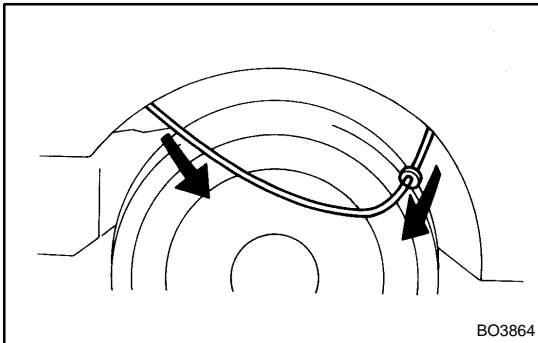




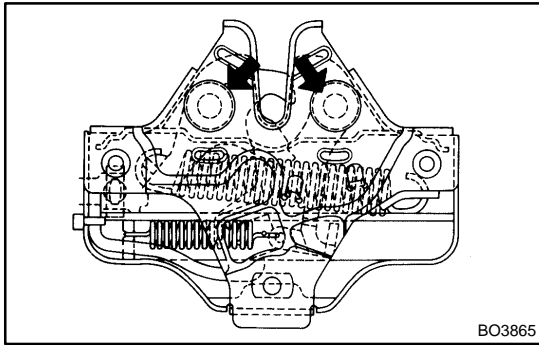
- (b) Using a screwdriver, pry out the cable stopper from the grommet.

HINT:

- ◆ Tape the screwdriver tip before use.
- ◆ Do not damage the grommet with the screwdriver.



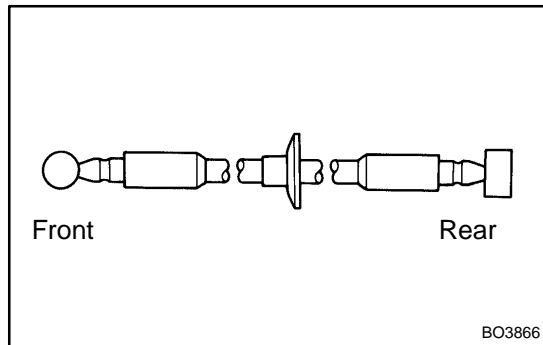
- (c) Pull off the cable from the front wheel housing to remove it.



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.
- Using a screwdriver, push the cable stopper into the grommet.

HINT:

- ◆ Tape the screwdriver tip before use.
 - ◆ Do not damage the grommet with the screwdriver.
- Clamp the front side cable to the junction block.
 - Pass the front side cable through the upper radiator support.

3. INSTALL HOOD LOCK RELEASE LEVER

4. CHECK HOOD LOCK CONTROL FOR PROPER OPERATION

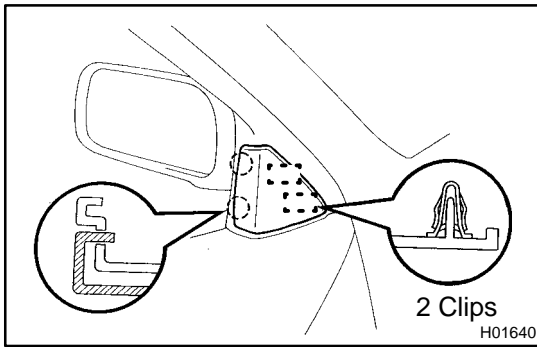
After checking for proper operation, tighten the nut and 2 bolts to install the lock.

5. INSTALL THESE PARTS:

- Headlight
- Clearance light
- Front bumper cover
- Front fender liner
- Front fender moulding
- Radiator support opening cover
- Engine under cover

BO0NW-01





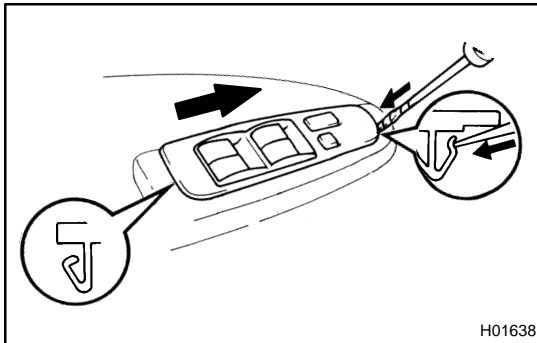
DISASSEMBLY

1. REMOVE UPPER BRACKET GARNISH

Using a screwdriver, remove the garnish.

HINT:

Tape the screwdriver tip before use.

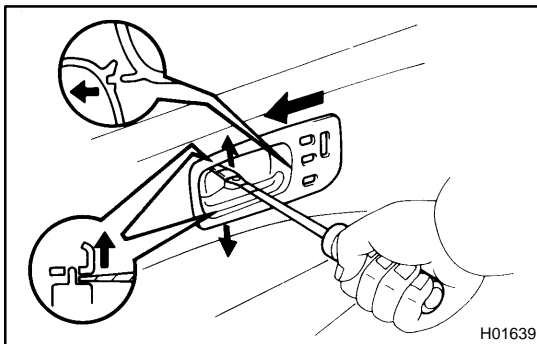


2. REMOVE ARMREST BASE PANEL

Using a screwdriver, remove the panel as shown in the illustration.

HINT:

Tape the screwdriver tip before use.



3. REMOVE INSIDE HANDLE BEZEL

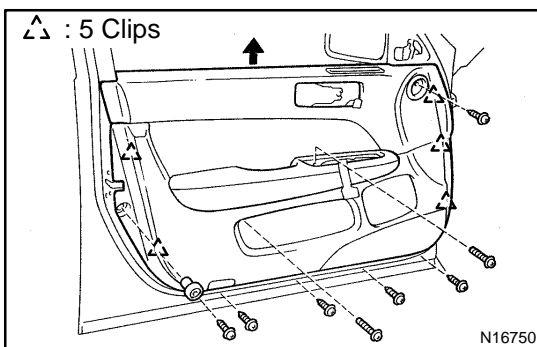
(a) Using a screwdriver, pry outward where the handle and bezel meet.

HINT:

Tape the screwdriver tip before use.

(b) With the door handle in open position, remove the bezel as shown in the illustration.

(c) Disconnect the connector.



4. REMOVE DOOR TRIM

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

HINT:

Tape the screwdriver tip before use.

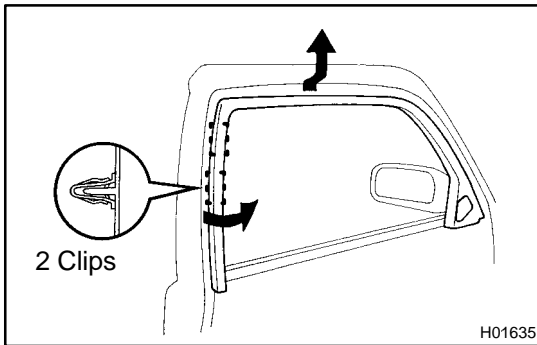
(b) Remove the 8 screws.

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

HINT:

Tape the screwdriver tip before use.

(d) Pull the trim upward to remove the door trim.

**5. REMOVE DOOR FRAME GARNISH**

- (a) Remove the screw.
- (b) Twist the garnish toward the vehicle interior.
- (c) Pull the whole garnish upwards.

6. REMOVE THESE PARTS:

- (a) Door weatherstrip

NOTICE:

Do not pull strongly off the weatherstrip as it may tear.

- (b) Door glass run

HINT:

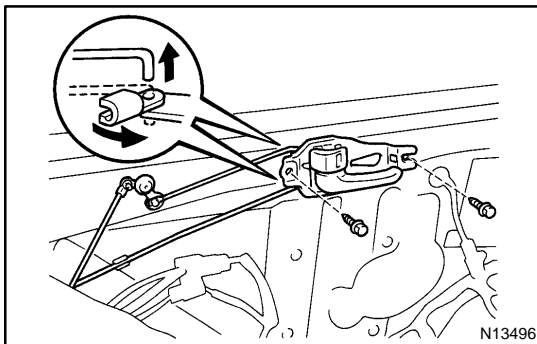
Pull the glass run upward.

- (c) Service hole cover

HINT:

Do not tear the service hole cover.

- (d) Door speaker

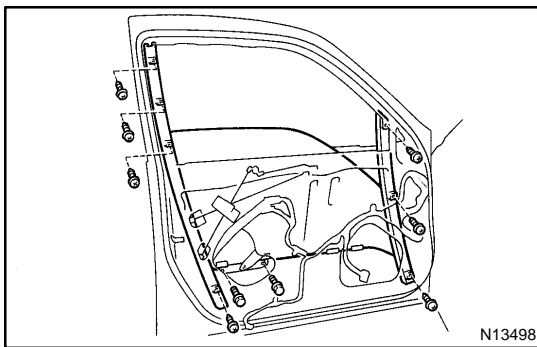
**7. REMOVE INSIDE HANDLE**

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

8. REMOVE THESE PARTS:

- (a) Tweeter speaker
- (b) Outside rear view mirror

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

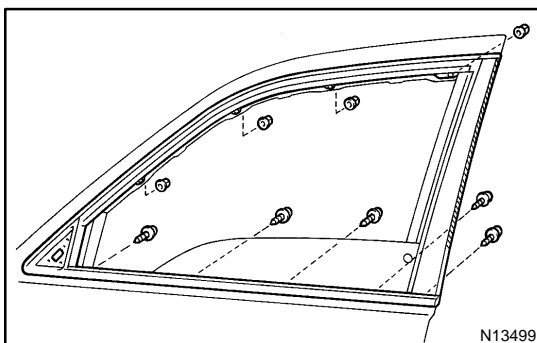
**9. REMOVE DOOR GLASS GUIDE AND DOOR GLASS**

- (a) Remove the 2 bolts joining the window regulator and glass.

HINT:

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

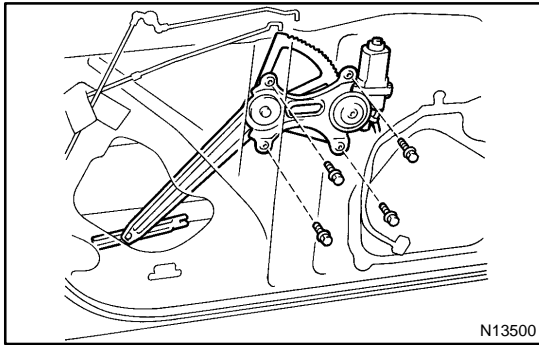
- (b) Remove the 3 screws and pull out the front glass guide.
- (c) Remove the 4 screws and pull out the rear glass guide.
- (d) Pull the door glass out of the panel carefully.

**10. REMOVE FRONT DOOR BELT MOULDING**

- (a) Remove the 5 screws and 4 nuts.
- (b) Using a scraper, remove the double – stick tape from the rear side.

HINT:

Tape the scraper tip before use.



11. REMOVE WINDOW REGULATOR

- (a) Disconnect the connector, then remove the 4 bolts and window regulator.

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

HINT:

Remove the regulator through the service hole.

HINT:

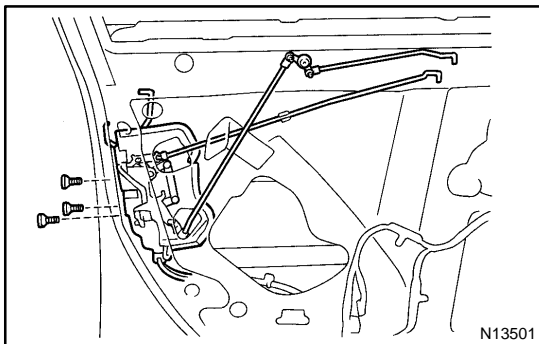
At the time of assembly, please refer to the following item.

Apply MP grease to the window regulator.

NOTICE:

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

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



12. REMOVE DOOR LOCK

- (a) Disconnect the opening control link and inside locking link from the door lock, then remove the links.
- (b) Disconnect the 2 links from the outside handle and key cylinder.
- (c) Disconnect the connector.
- (d) Remove the 3 screws and door lock.

Torque: 5.0 N·m (51 kgf-cm, 44 in.-lbf)

HINT:

Remove the regulator through the service hole.

HINT:

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

Apply adhesive to 3 screws.

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

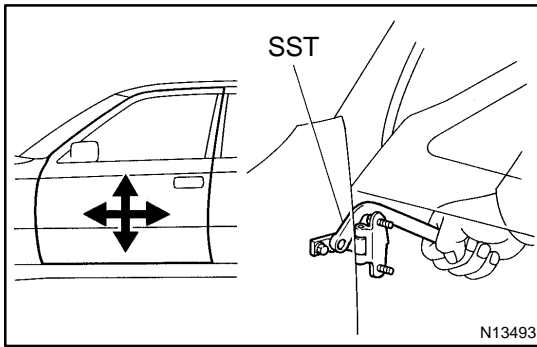
HINT:

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

Apply MP grease to the sliding surface of the door lock.

13. REMOVE THESE PARTS:

- (a) Outside handle
Torque: 5.5 N·m (56 kgf-cm, 49 in.-lbf)
- (b) Key cylinder
Torque: 5.5 N·m (56 kgf-cm, 49 in.-lbf)
- (c) Weatherstrip



ADJUSTMENT

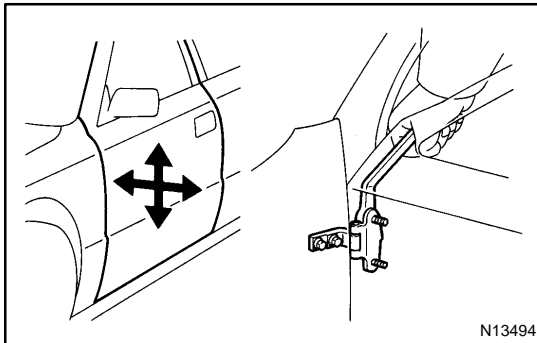
1. ADJUST FRONT DOOR

- (a) Adjust the front door in forward/rearward and vertical directions.

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

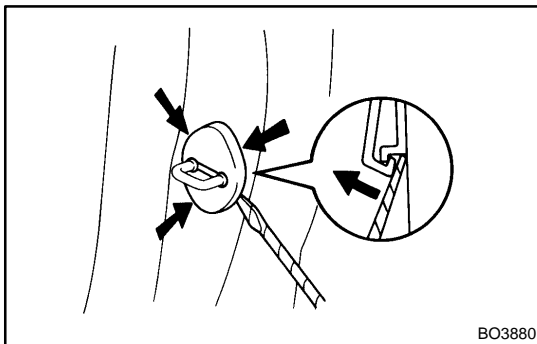
SST 09812-00010

Torque: 33 N·m (330 kgf-cm, 24 ft-lbf)



- (b) Adjust the front door in left/right and vertical directions. Loosen the door side hinge bolts to adjust.

Torque: 26 N·m (260 kgf-cm, 19 ft-lbf)



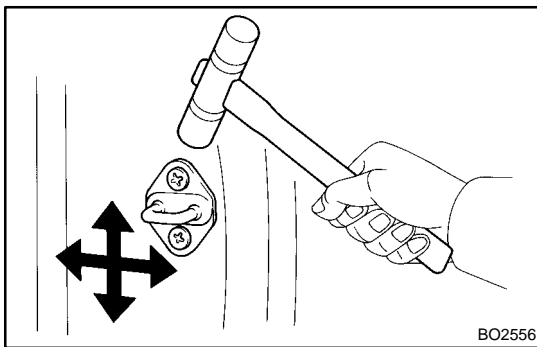
- (c) Adjust the front door lock striker.

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

- (2) Using a screwdriver, remove the striker cover.

HINT:

Tape the screwdriver tip before use.



- (3) Adjust the striker position by slightly loosening the striker mounting screws, and hitting the striker with a hammer. Tighten the striker mounting screws again.

- (4) Install the striker cover.

2. ADJUST FRONT DOOR GLASS

HINT:

Check that there is space between the glass guide and stopper.

- (a) Fully raise the glass and adjust the gap between the glass and door panel.

- (b) After adjustment, immobilize the guide, stoppers and 2 nuts.

HINT:

- ◆ Check that the edge of the glass does not come in contact with the bottom part of the weatherstrip when the glass is being raised or lowered.

- ◆ Check that the glass moves up and down smoothly and that the weatherstrip does not get caught by the glass.

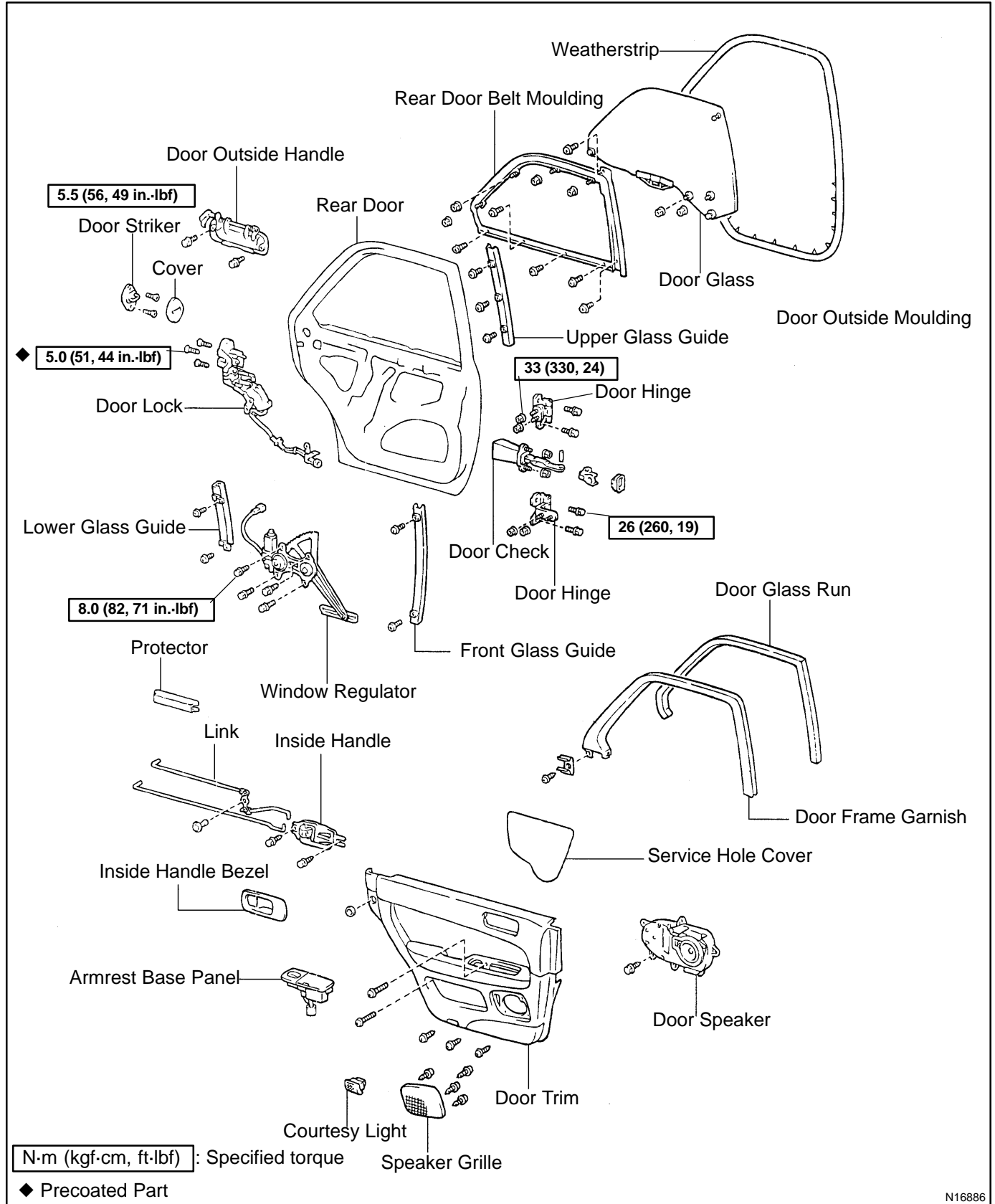
- (c) Raise the glass again and check the installation.

REASSEMBLY

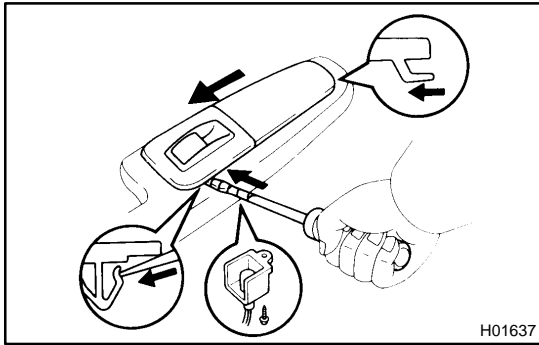
Reassembly is in the reverse order of disassembly (See page [BO-14](#)).

REAR DOOR COMPONENTS

B0000-01



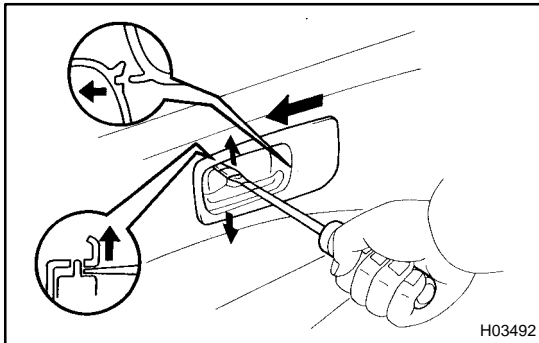
N16886



DISASSEMBLY

1. REMOVE ARMREST BASE PANEL

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



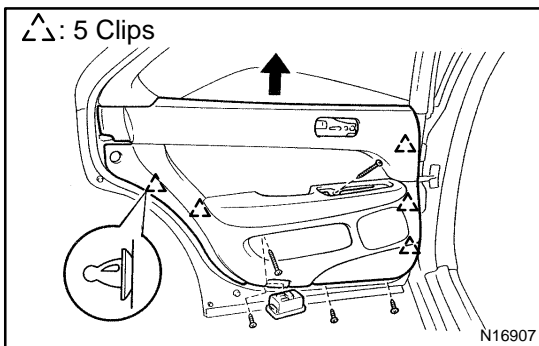
2. REMOVE INSIDE HANDLE BEZEL

- (a) Using a screwdriver, pry outward where the handle and bezel meet.

HINT:

Tape the screwdriver tip before use.

- (b) With the door handle in open position, remove the bezel as shown in the illustration.



3. REMOVE DOOR TRIM

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

HINT:

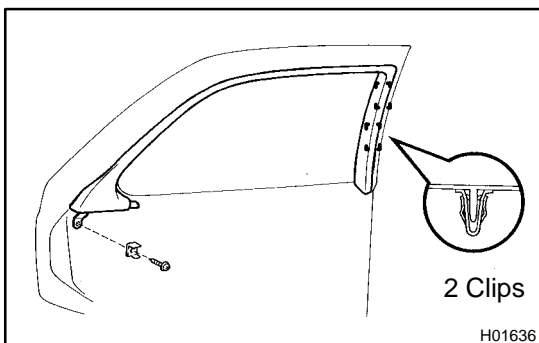
Tape the screwdriver tip before use.

- (b) Remove the child protector cover.
- (c) Remove the 5 screws.
- (d) Insert a screwdriver between the door panel and door trim to pry the trim out.

HINT:

Tape the screwdriver tip before use.

- (e) Pull the trim upward to remove the door trim.



4. REMOVE DOOR FRAME GARNISH

- (a) Remove the screw and clip.
- (b) Twist the garnish toward the vehicle exterior.
- (c) Pull the whole garnish upwards.

5. REMOVE THESE PARTS:

- (a) Door weatherstrip

NOTICE:

Do not pull strongly off the weatherstrip as it may tear.

(b) Door glass run

HINT:

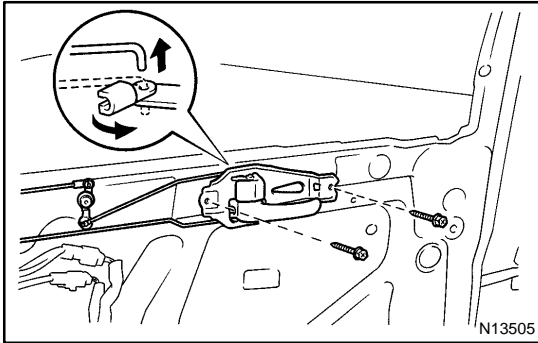
Pull the glass run upwards.

(c) Service hole cover

HINT:

Do not tear the service hole cover.

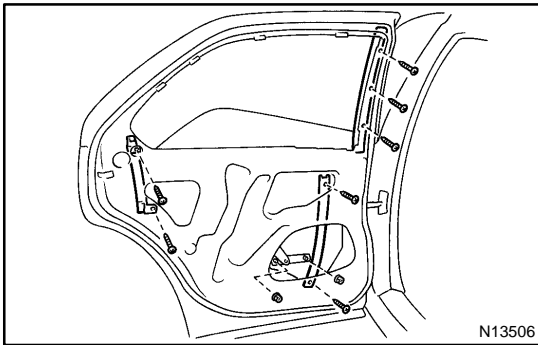
(d) Door speaker



6. REMOVE INSIDE HANDLE

(a) Remove the 2 screws.

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



7. REMOVE DOOR GLASS GUIDES AND DOOR GLASS

HINT:

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

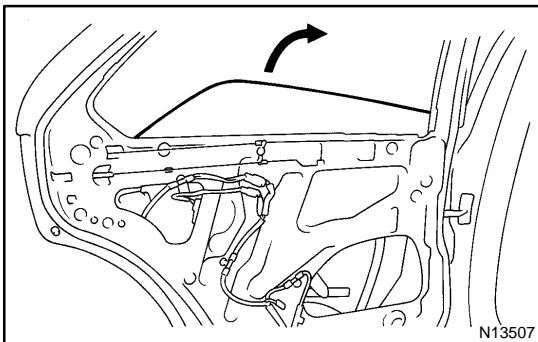
Check that the guide rollers on the rear side of the glass are firmly in the rear guide.

(a) Remove the 2 nuts joining the window regulator and glass.

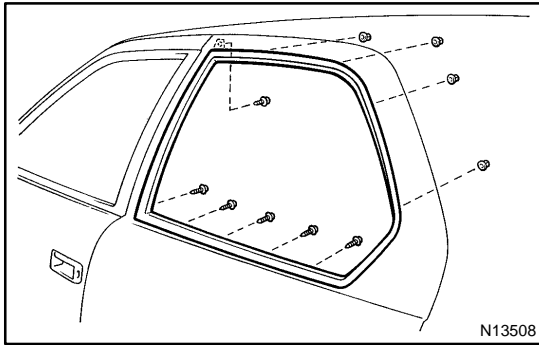
HINT:

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

(b) Remove the 7 screws and pull out the 3 glass guides.



(c) Pull the glass up out of the panel.

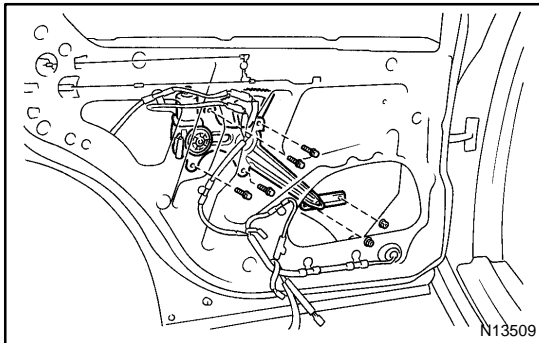


8. REMOVE DOOR BELT MOULDING

- Using a screwdriver, remove the clip.
- Remove the 5 screws and 4 nuts.
- Using a scraper, remove the double-sided tape from the front side.

HINT:

Tape the screwdriver and scraper tip before use.



9. REMOVE WINDOW REGULATOR

Disconnect the connector, then remove the 4 bolts and window regulator.

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

HINT:

Remove the regulator through the service hole.

HINT:

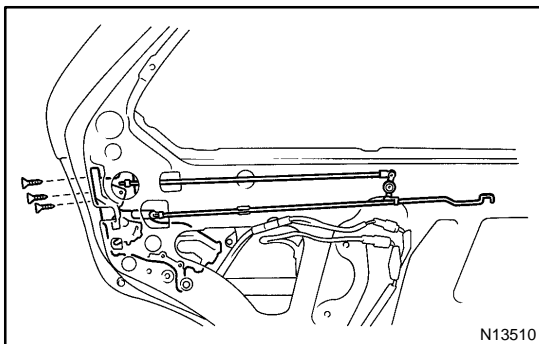
At the time of assembly, please refer to the following item.

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

NOTICE:

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

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



10. REMOVE DOOR LOCK

- Disconnect the opening control link and inside locking link from the door lock, then remove the links.
- Disconnect the connector.
- Remove the 3 screws and door lock.

Torque: 5.0 N·m (51 kgf·cm, 44 in.-lbf)

HINT:

Remove the regulator through the service hole.

HINT:

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

Apply adhesive to 3 screws.

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

HINT:

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

Apply MP grease to the sliding surface of the door lock.

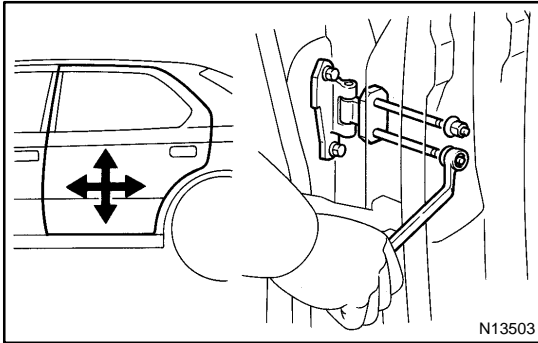
11. REMOVE OUTSIDE HANDLE

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

ADJUSTMENT

1. ADJUST REAR DOOR

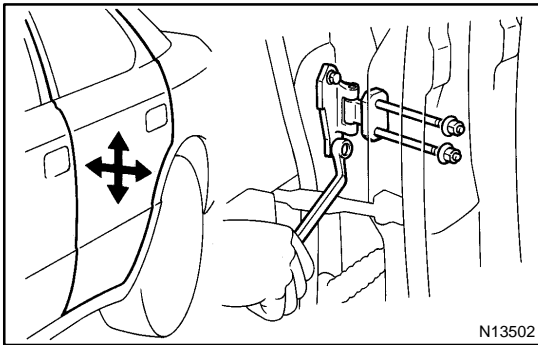
- (a) Remove these parts:
- (1) Front door scuff plate
 - (2) Rear door scuff plate
 - (3) Center pillar garnish
 - (4) Front seat belt retractor bolts



- (b) Adjust the rear door in forward/rearward and vertical directions.

Loosen the body side nuts to adjust.

Torque: 33 N·m (330 kgf-cm, 24 ft-lbf)



- (c) Adjust rear door in left/right and vertical directions.
Loosen the door side hinge bolts to adjust.

Torque: 26 N·m (260 kgf-cm, 19 ft-lbf)

- (d) Adjust the rear door lock striker.
Adjust the rear striker in the same manner as the front door.

2. ADJUST DOOR GLASS

Adjust the door glass.

HINT:

Check that there is space between the glass guide and stopper.

- (1) Fully raise the glass, and adjust the gap between the glass and door panel.
- (2) After adjustment, immobilize the guide, stoppers and 2 nuts.

HINT:

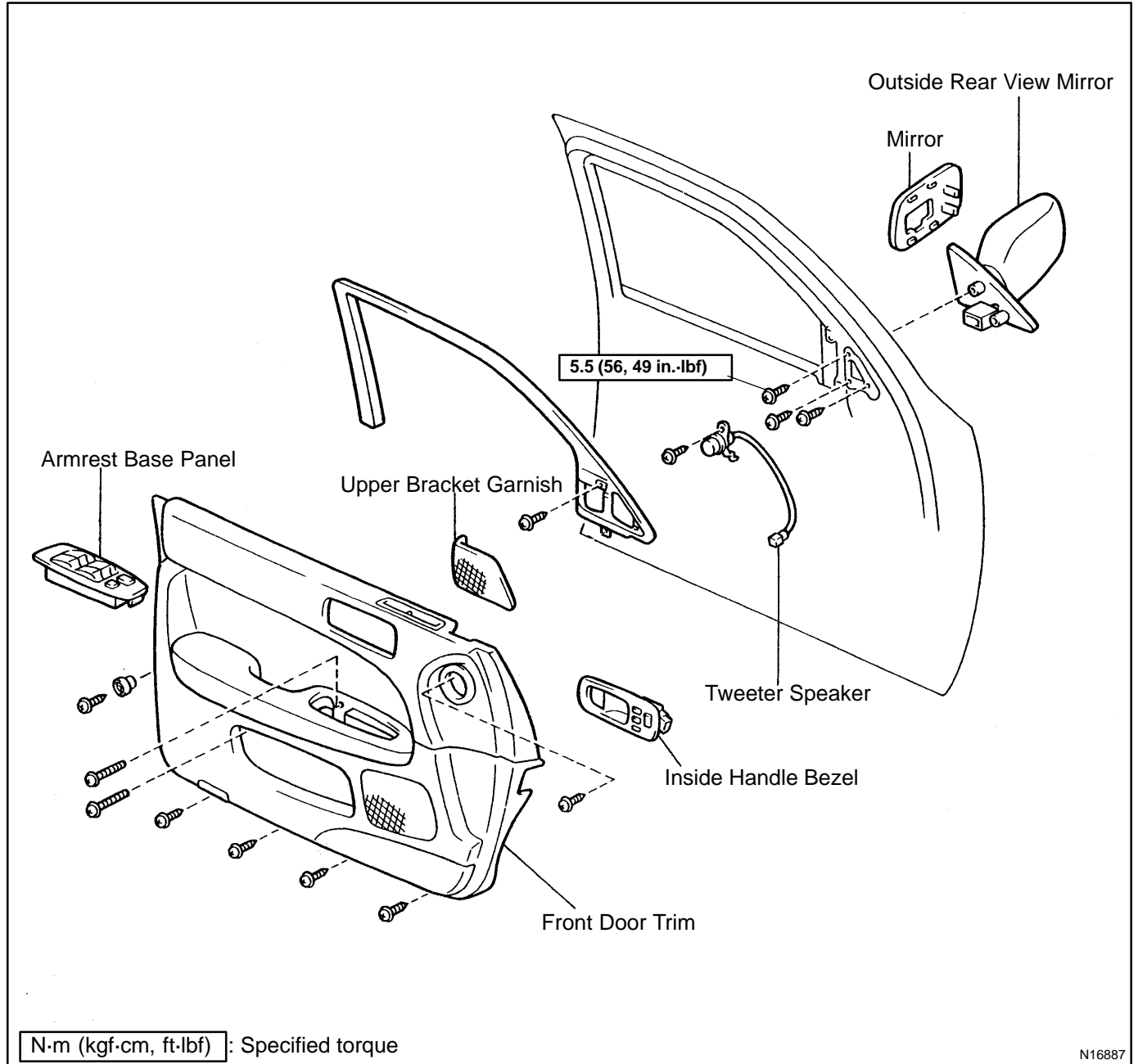
- ◆ Check that the edge of the glass does not come in contact with the bottom part of the weatherstrip when the glass is being raised or lowered.
- ◆ Check that the glass moves up and down smoothly and that the weatherstrip does not get caught by the glass.
- (3) Raise the glass again and check the installation.

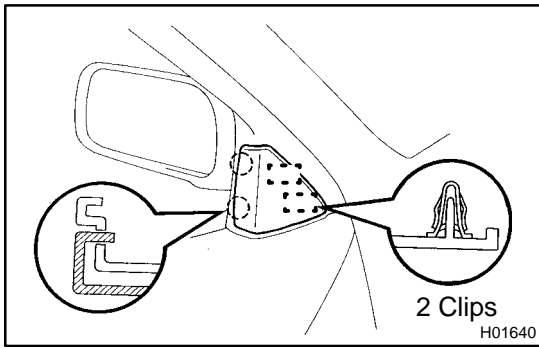
REASSEMBLY

Reassembly is in the reverse order of disassembly (See page [BO-20](#)).

OUTSIDE REAR VIEW MIRROR COMPONENTS

B0004-01





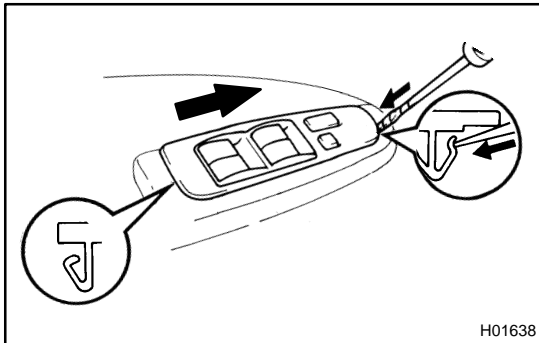
REMOVAL

1. REMOVE UPPER BRACKET GARNISH

Using a screwdriver, remove the garnish.

HINT:

Tape the screwdriver tip before use.

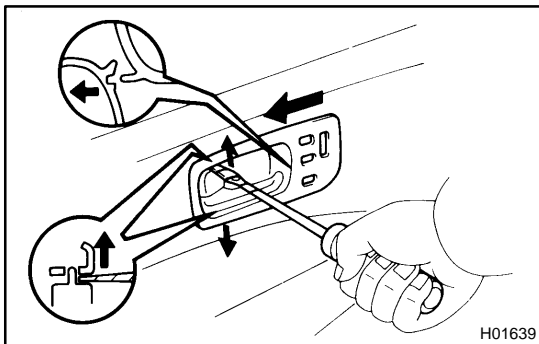


2. REMOVE ARMREST BASE PANEL

Using a screwdriver, remove the panel as shown in the illustration.

HINT:

Tape the screwdriver tip before use.



3. REMOVE INSIDE HANDLE BEZEL

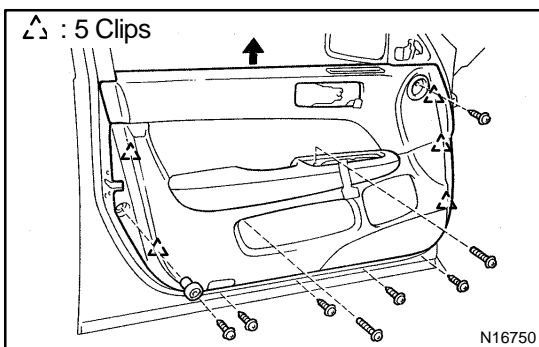
(a) Using a screwdriver, pry outward where the handle and bezel meet.

HINT:

Tape the screwdriver tip before use.

(b) With the door handle in open position, remove the bezel as shown in the illustration.

(c) Disconnect the connector.



4. REMOVE DOOR TRIM

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

HINT:

Tape the screwdriver tip before use.

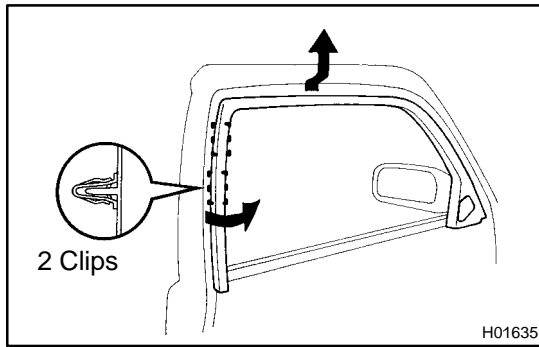
(b) Remove the 8 screws.

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

HINT:

Tape the screwdriver tip before use.

(d) Pull the trim upward to remove the door trim.

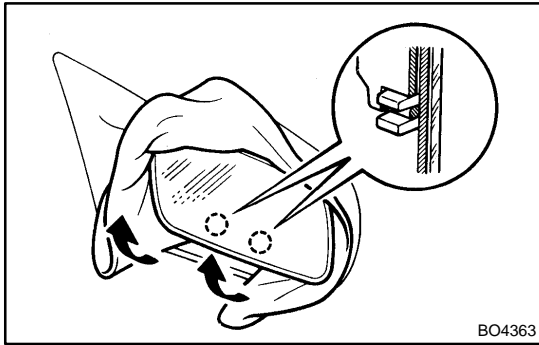
**5. REMOVE DOOR FRAME GARNISH**

- (a) Remove the screw.
- (b) Twist the garnish toward the vehicle interior.
- (c) Pull the whole garnish upwards.

6. REMOVE TWEETER SPEAKER**7. REMOVE OUTSIDE REAR VIEW MIRROR**

- (a) Disconnect the connector.
- (b) Remove the 3 screws and outside rear view mirror.

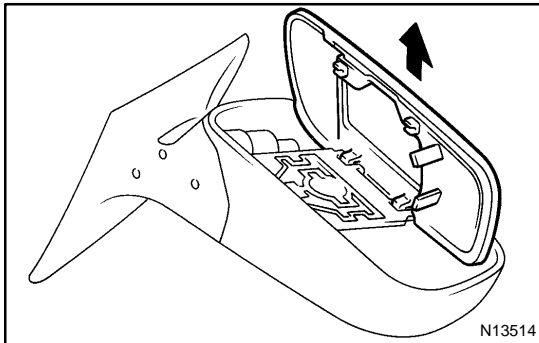
Torque: 5.5 N·m (56 kgf·cm, 49 in.-lbf)



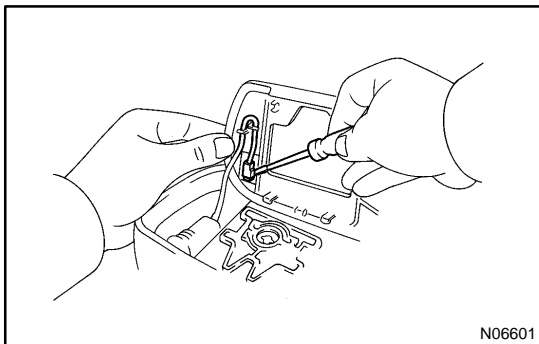
REPLACEMENT

1. IF NECESSARY, DISCONNECT MIRROR

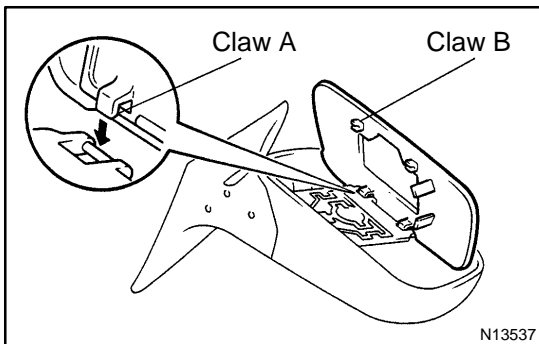
- (a) Insert the shop rag between the mirror and the mirror body to wrap up the mirror in the shop rag.
- (b) Pull up the lower side of the shop rag to disconnect the mirror joint.



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



- (d) Disconnect the connector.



2. CONNECT MIRROR

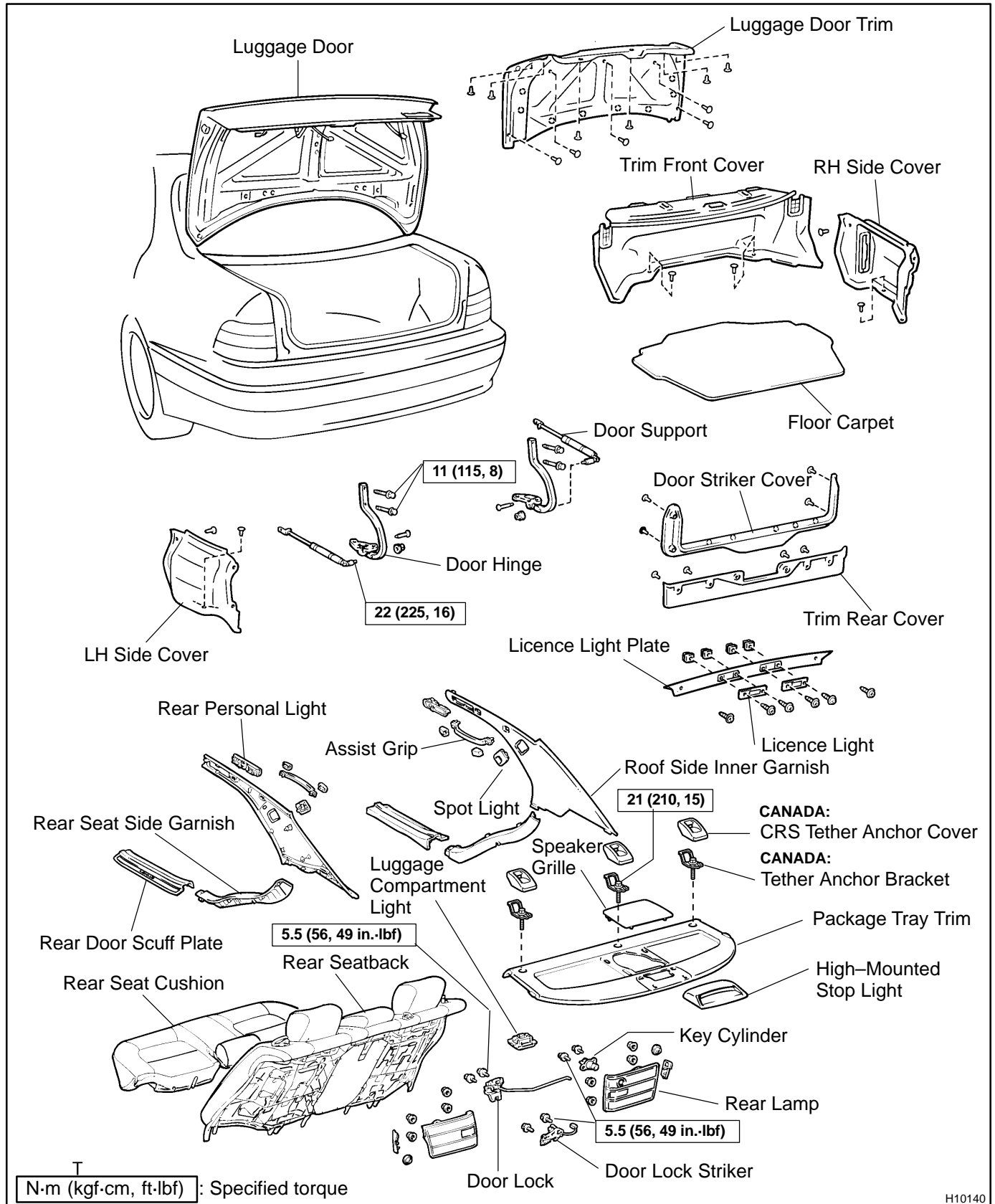
- (a) Connect the claws (A) and set the mirror to the mirror body.
- (b) Push the mirror to connect the claws (B) and connect it.

INSTALLATION

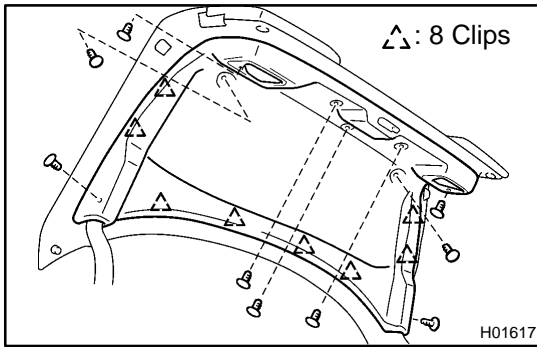
Installation is in the reverse order of removal (See page [BO-26](#)).

LUGGAGE COMPARTMENT DOOR AND HINGE COMPONENTS

B0008-02



H10140



REMOVAL

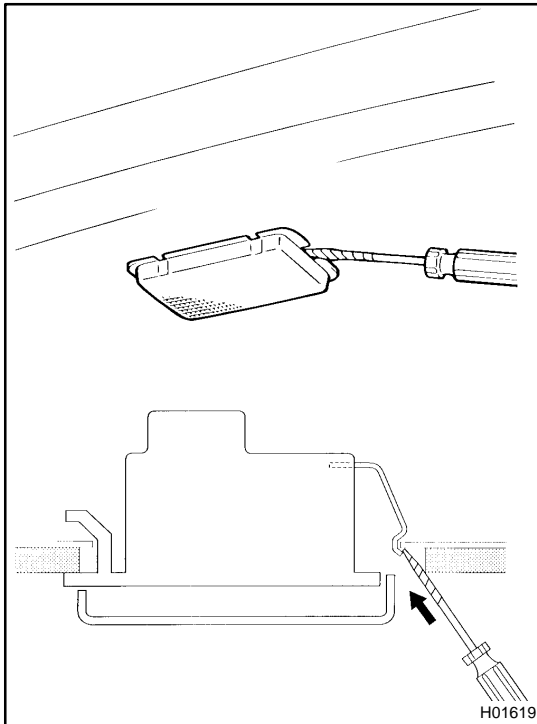
1. REMOVE LUGGAGE COMPARTMENT DOOR TRIM

Remove the 9 clips and trim.

2. REMOVE LUGGAGE COMPARTMENT DOOR

- Disconnect the connector.
- Using a clip remover, disconnect the clamps.
- Remove the 4 bolts and door.

Torque: 11 N·m (115 kgf·cm, 8 ft·lbf)



3. REMOVE LUGGAGE COMPARTMENT LIGHT

- Using a screwdriver, remove the light as shown in the illustration.
- Disconnect the connector.

4. REMOVE FLOOR CARPET

5. REMOVE DOOR STRIKER COVER

6. REMOVE TRIM REAR COVER

7. REMOVE RH TRIM COVER

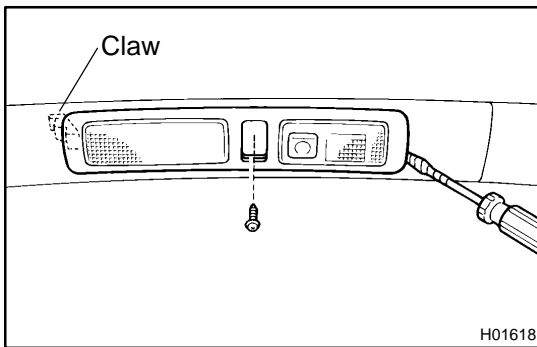
8. REMOVE LH TRIM COVER

9. REMOVE FRONT TRIM COVER

10. REMOVE REAR SEAT (See page [BO-111](#))

11. REMOVE REAR DOOR SCUFF PLATE

12. REMOVE REAR SEAT SIDE GARNISHES



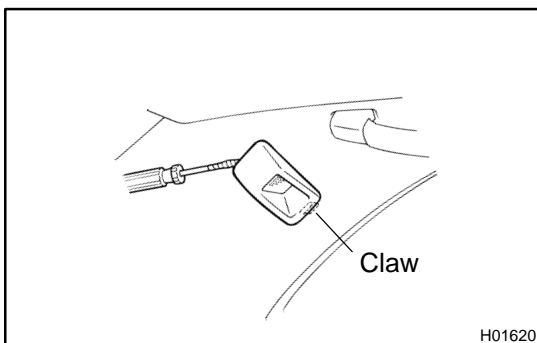
13. REMOVE REAR PERSONAL LIGHT

- Remove the screw.
- Using a screwdriver, remove the light as shown in the illustration.

HINT:

Tape the screwdriver tip before use.

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



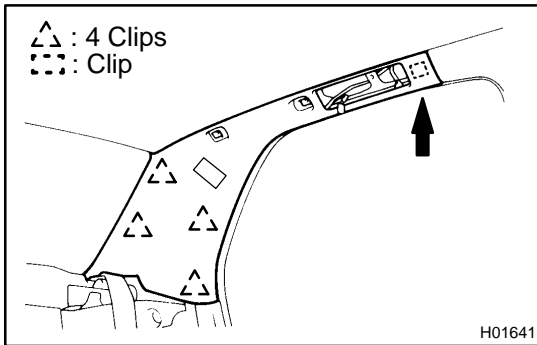
14. REMOVE SPOT LIGHT

- Using a screwdriver, remove the light as shown in the illustration.

HINT:

Tape the screwdriver tip before use.

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

**15. REMOVE ROOF SIDE INNER GARNISH**

- (a) Remove the roof side inner garnish.

NOTICE:

Paying enough attention remove the clip on the roof side inner garnish shown in the illustration. Otherwise, the roof side inner garnish or the front pillar garnish might be broken.

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

16. REMOVE HIGH-MOUNTED STOP LIGHT**17. REMOVE SPEAKER GRILLE****18. CANADA:****REMOVE CRS TETHER ANCHOR COVERS AND TETHER ANCHOR BRACKETS**

Torque: 21 N·m (210 kgf-cm, 15 ft·lbf)

19. REMOVE PACKAGE TRAY TRIM**20. REMOVE REAR SEAT OUTER BELT RETRACTOR****21. REMOVE LUGGAGE COMPARTMENT DOOR SUPPORT**

- (a) Remove the door stay bolt from the door hinge.
 (b) Rotate the rear of the support downward and remove the door support from the bracket.

22. REMOVE LUGGAGE COMPARTMENT DOOR HINGE

Remove the 4 bolts and 2 hinges.

DISASSEMBLY

1. REMOVE DOOR LOCK

- (a) Disconnect the control link.
- (b) Remove the 2 bolts and lock.

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

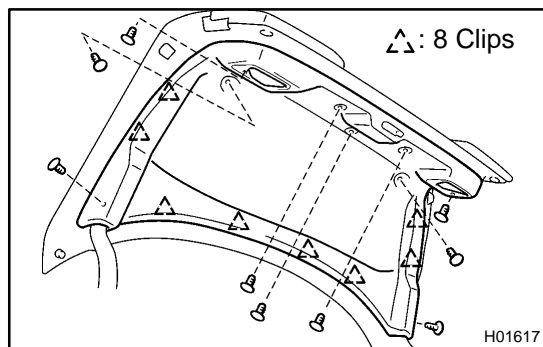
2. REMOVE KEY CYLINDER

Remove the 2 bolts and key cylinder.

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

3. REMOVE THESE PARTS:

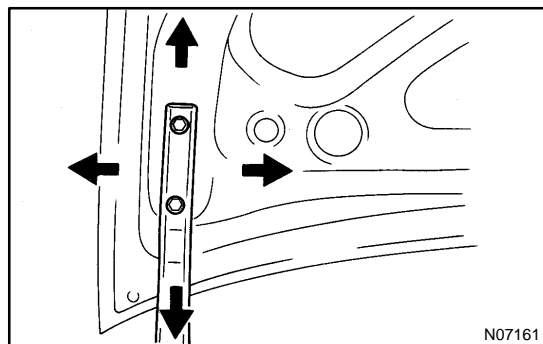
- (a) Rear lamp assembly
- (b) Licence light plate



ADJUSTMENT

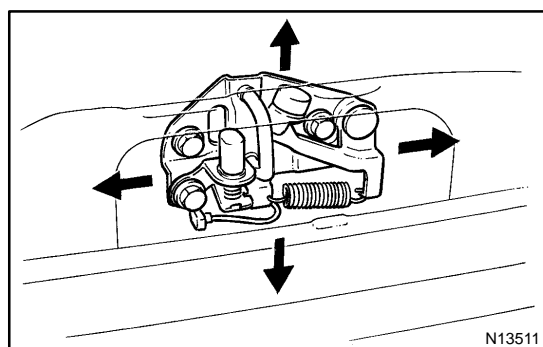
1. ADJUST LUGGAGE COMPARTMENT DOOR

- (a) Remove the 9 clips and trim.



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

Torque: 11 N·m (115 kgf·cm, 8.3 ft·lbf)



2. ADJUST DOOR LOCK STRIKER

Using a brass bar and hammer, tap the striker to adjust it.

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

REASSEMBLY

Reassembly is in the reverse order of disassembly (See page [BO-33](#)).

INSTALLATION

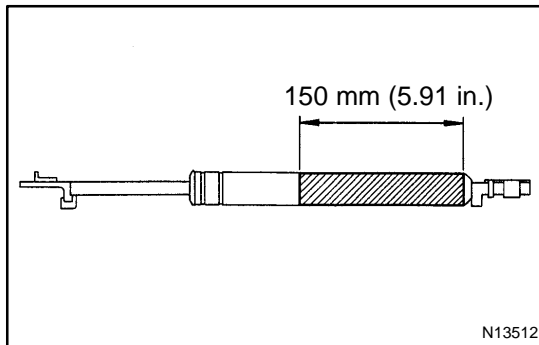
Installation is in the reverse order of removal (See page [BO-31](#)).

LUGGAGE COMPARTMENT DOOR SUPPORT REPLACEMENT

B000E-01

1. REMOVE LUGGAGE COMPARTMENT DOOR SUPPORT

- (a) Remove the door stay bolt from the door hinge.
- (b) Rotate the rear of the support downward and remove the door support from the bracket.

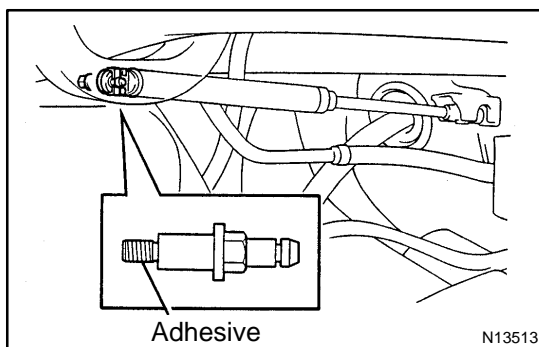


2. IF NECESSARY, REPLACE LUGGAGE COMPARTMENT DOOR SUPPORT

NOTICE:

Handling the support.

- ◆ Do not disassemble the support as the cylinder is filled with pressurized gas.
- ◆ If the support is to be replaced, drill a 2.0 ~ 3.0 mm (0.079 – 0.118 in.) hole in the area 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 support carefully. Never score or scratch the exposed part of the piston rod, and allow any paint or oil to get on it.
- ◆ Do not turn the piston rod and cylinder with the support fully extended.

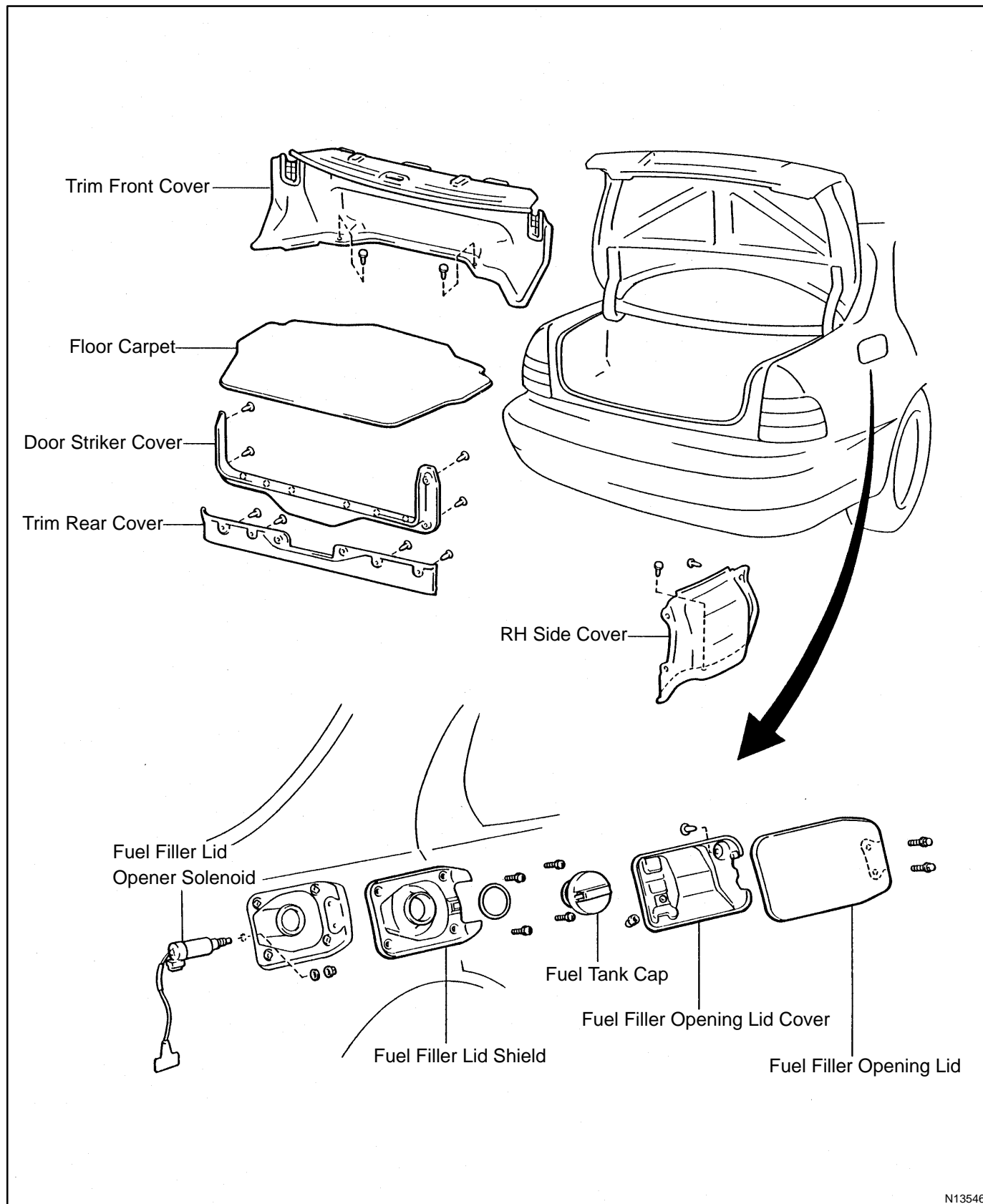


3. INSTALL LUGGAGE COMPARTMENT DOOR SUPPORT

- (a) Apply adhesive to the bolt.
Part No.08833-00070,THREE BOND 1324 or equivalent
- (b) Install the door support.
Torque: 22 N·m (225 kgf·cm, 16 ft·lbf)

FUEL LID COMPONENTS

B000F-01

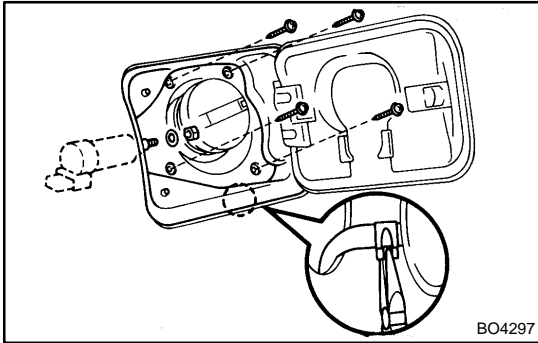


N13546

REMOVAL

1. REMOVE THESE PARTS:

- (a) Floor carpet
- (b) Door striker cover
- (c) Trim rear cover
- (d) Trim front cover
- (e) RH side cover

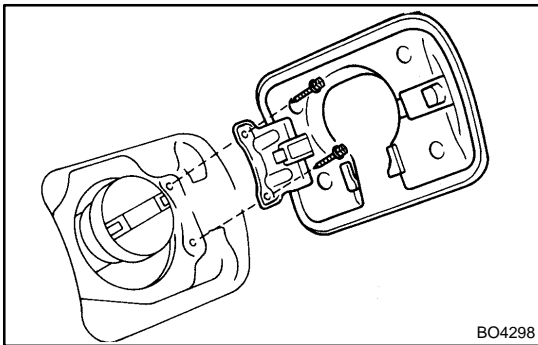


2. REMOVE FUEL FILLER LID SHIELD

- (a) Remove the nut, washer and fuel lid opener solenoid.
- (b) Disconnect the connector from the solenoid.
- (c) Remove the 4 screws.
- (d) Remove the fuel tank cap and lid shield.

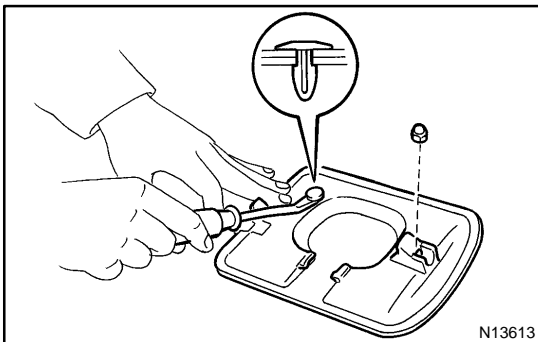
CAUTION:

- ◆ Always keep the tank cap closed when it is not required to be open.
- ◆ Keep all fire away during the operation.
- (e) Using pliers, disconnect the tube from the shield.
- (f) Install the cap quickly.



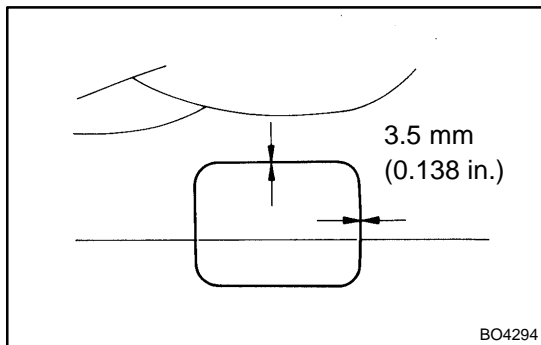
3. REMOVE FUEL FILLER OPENING LID

Remove the 2 screws and lid.



4. REMOVE FUEL FILLER OPENING LID COVER

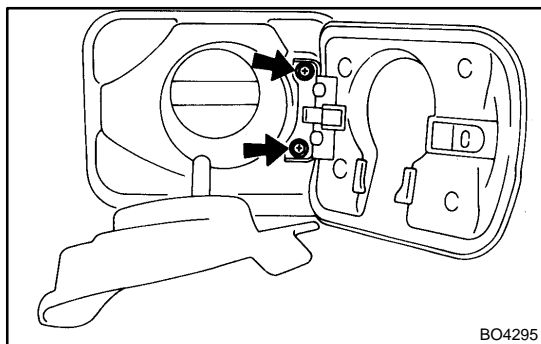
- (a) Remove the nut.
- (b) Using a clip remover, remove the clip and cover.



ADJUSTMENT

HINT:

Adjust the fuel lid according to the following method.



ADJUST FUEL FILLER OPENING LID

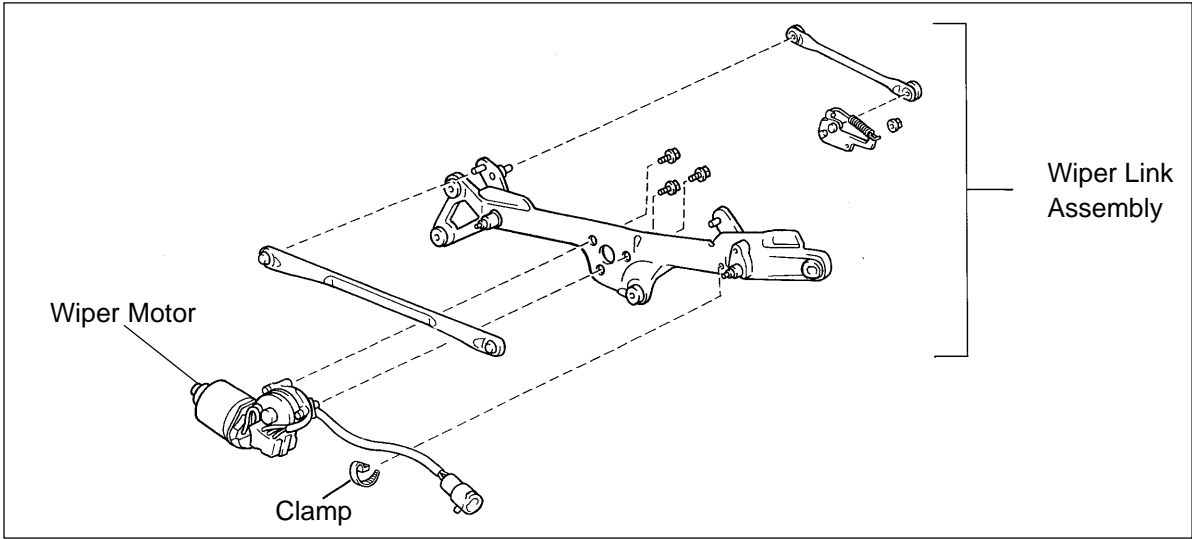
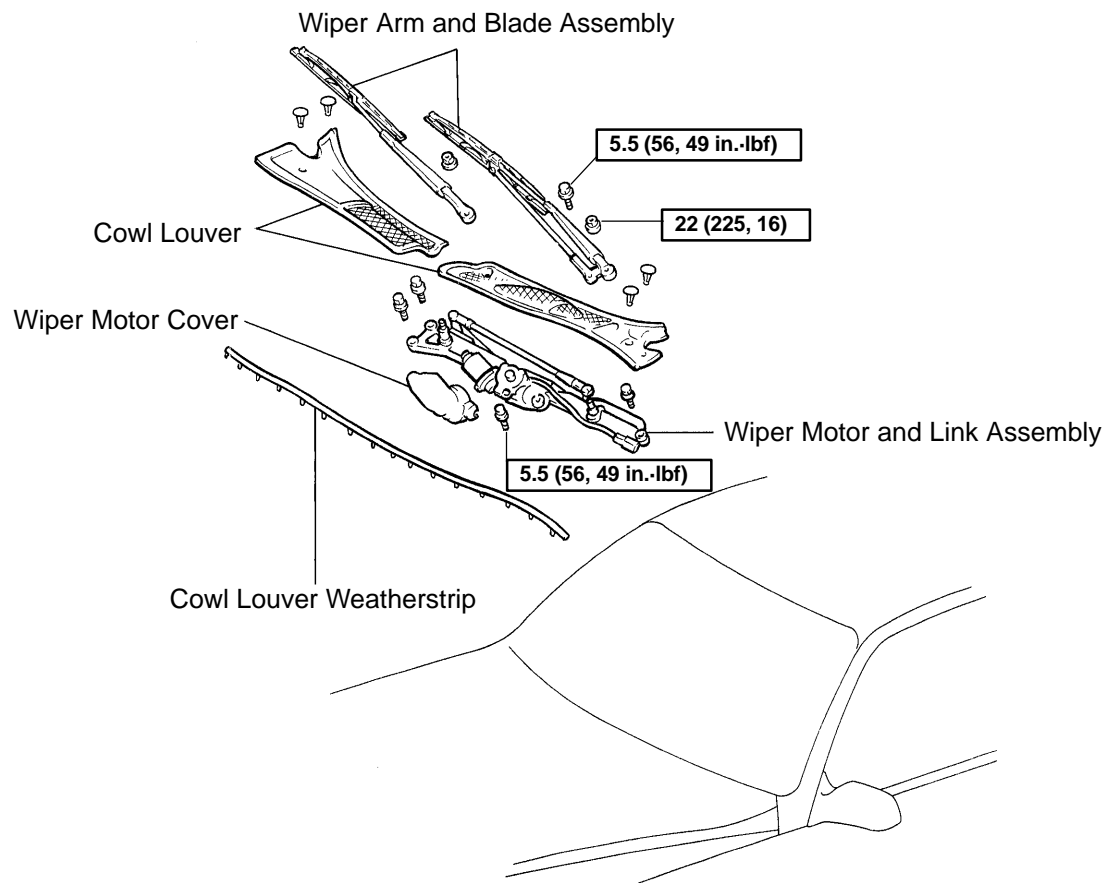
Loosen the 2 screws and adjust the lid as shown.

INSTALLATION

Installation is in the reverse order of removal (See page [BO-39](#)).

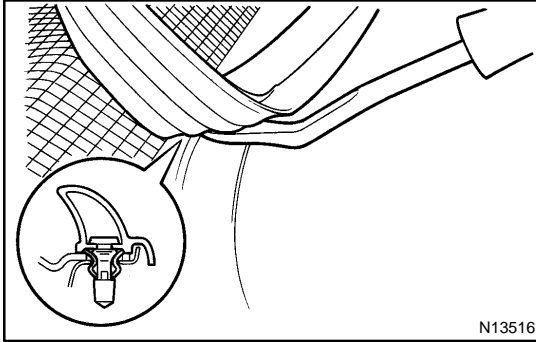
FRONT WIPER AND WASHER COMPONENTS

B000J-01



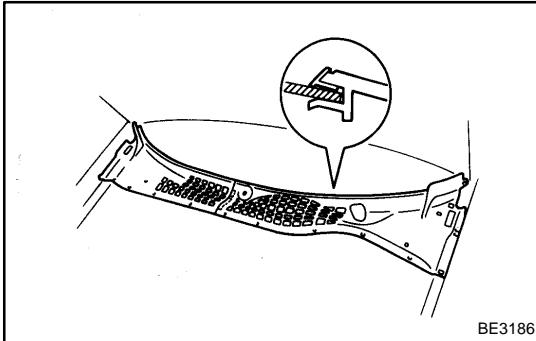
N·m (kgf·cm, ft·lbf) : Specified torque

H01649



REMOVAL

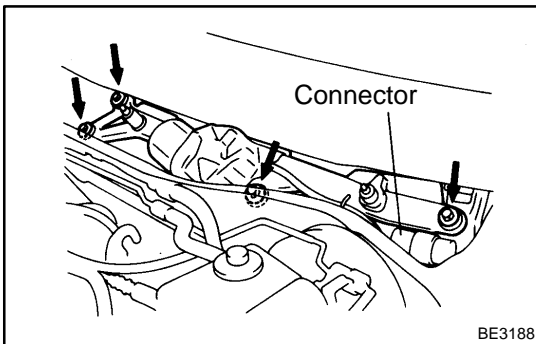
1. **REMOVE WIPER ARM AND BLADE ASSEMBLY**
2. **REMOVE COWL LOUVER WEATHERSTRIP**
 - (a) Remove the cowl louver weatherstrip from the hood.



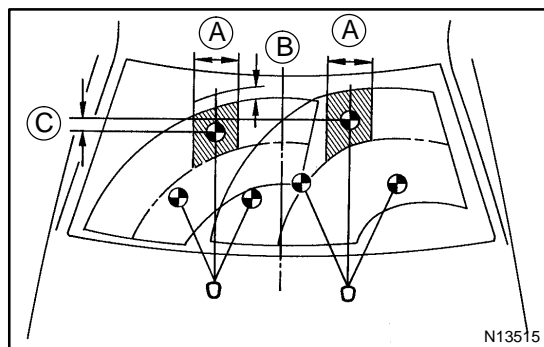
- (b) Remove the cowl louver.

HINT:

Raise up the front side of the cowl louver and remove the cowl louver.



3. **REMOVE WIPER MOTOR AND LINK ASSEMBLY**
 - (a) Remove the 4 set bolts.
 - (b) Disconnect the connector.
 - (c) Raise the front side of the wiper motor and link assembly up and remove the wiper motor and link assembly.
 - (d) Remove the wiper motor cover.



INSPECTION

INSPECT WINDOW WASHER NOZZLE

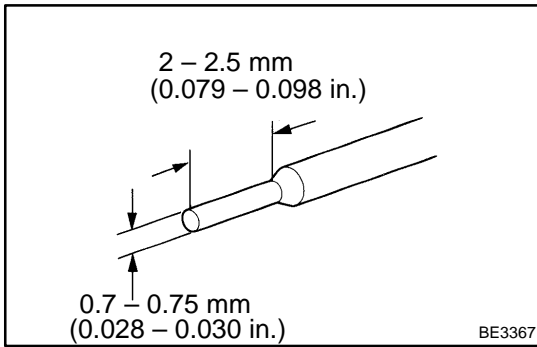
- (a) While operating the washer, check whether the point where the washer fluid hits the windshield glass and the up surge area are within the range indicated by the hatched line.

A: Approx. 150 mm (5.91 in.)

B: Approx. 50 mm (1.99 in.)

C: Approx. 0±50 mm (0±1.99 in.)

- (b) Check that the lower 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 WINDOW WASHER NOZZLE

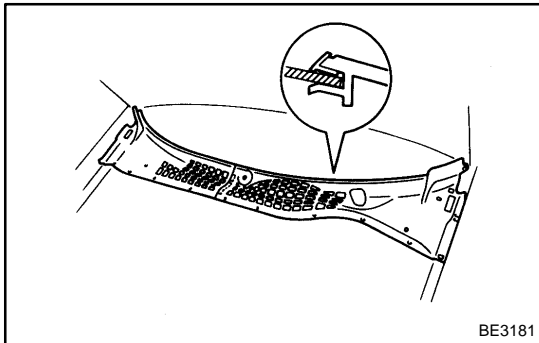
Using a tool like the one shown in the illustration, change the direction of the nozzle hole to adjust the point where washer fluid hits the windshield.

INSTALLATION

1. INSTALL WIPER MOTOR AND LINK ASSEMBLY

- Install the wiper motor cover.
- Install the wiper motor and link assembly.
- Connect the connector.
- Install and torque the 4 bolts.

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



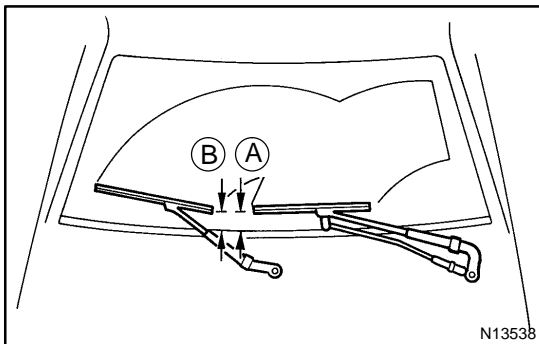
2. INSTALL COWL LOUVER

- Install the cowl louver.

HINT:

With the front side of the louver raised, install the protector on the glass, then push the louver down.

- Install the hood to cowl louver weatherstrip.



3. INSTALL WIPER ARM AND BLADE ASSEMBLY

- Install the wiper arms and blades, and operate the wipers once and turn the wiper switch OFF.
- Torque the sub arm stay set bolt.

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

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

A: Driver's blade – Louver seal

Approx. 80.0 mm (3.150 in.)

B: Passenger's blade – Louver seal

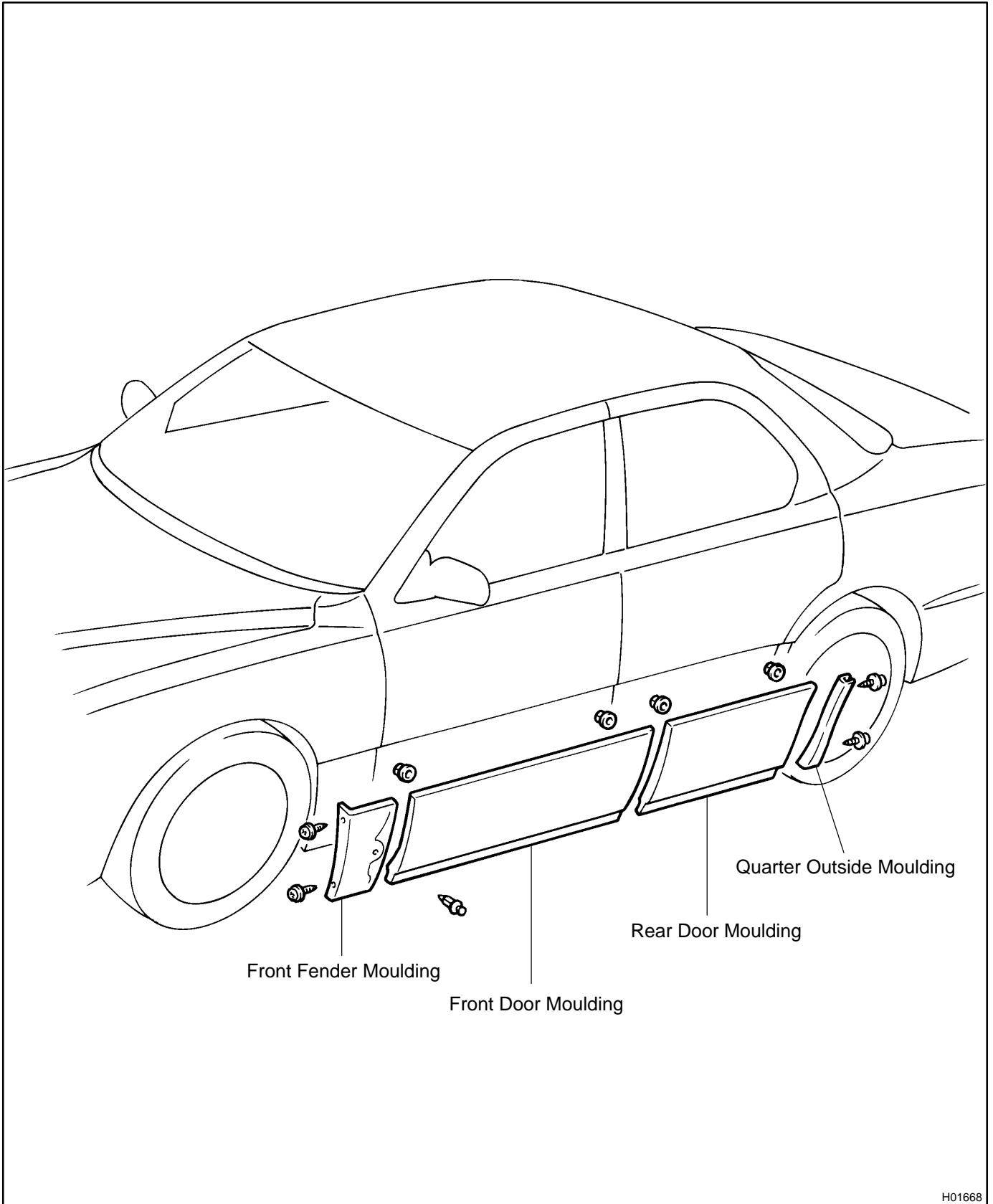
Approx. 25.0 mm (0.984 in.)

- Torque the nuts.

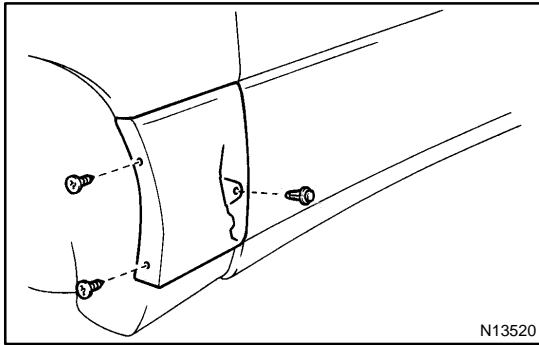
Torque: 22 N·m (225 kgf-cm, 16 ft-lbf)

BODY OUTSIDE MOULDING COMPONENTS

B0000-01



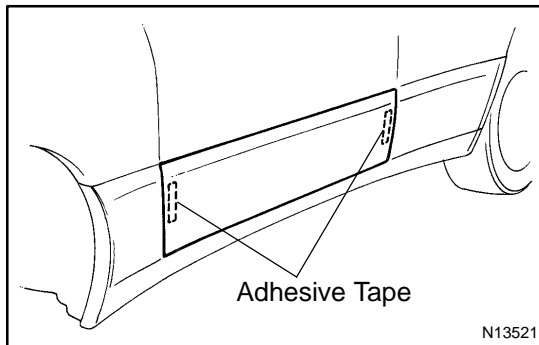
H01668



REMOVAL

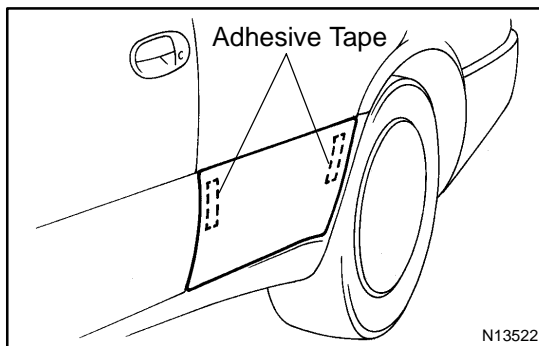
1. REMOVE FRONT FENDER MOULDING

- (a) Using a hexagon wrench, remove the 2 screws.
- (b) Remove the clip.
- (c) Using a moulding remover, pry out the moulding.
- (d) Remove the moulding.



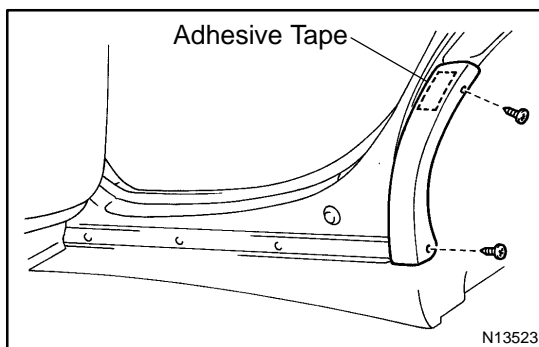
2. REMOVE FRONT DOOR OUTSIDE MOULDING

- (a) Remove the 2 screws and 2 nuts.
- (b) Using a moulding remover, pry out the moulding.
- (c) Pull off the moulding by cutting the adhesive with a knife.
- (d) Remove the moulding.



3. REMOVE REAR DOOR OUTSIDE MOULDING

- (a) Remove the 2 screws and 2 nuts.
- (b) Using a moulding remover, pry out the moulding.
- (c) Pull off the moulding by cutting the adhesive with a knife.
- (d) Remove the moulding.



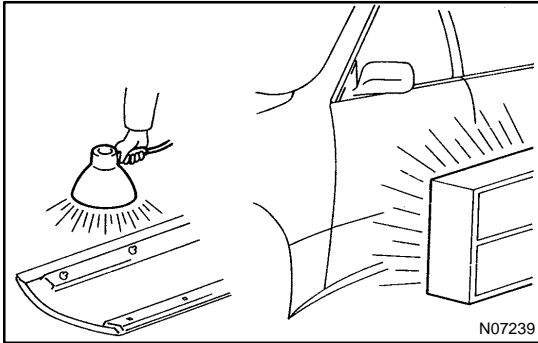
4. REMOVE QUARTER OUTSIDE MOULDING

- (a) Using a hexagon wrench, remove the 2 screws.
- (b) Using a moulding remover, pry out the moulding.

INSTALLATION

1. CLEAN MOULDING MOUNTING SURFACE

Wipe off stains with cleaner.



2. HEAT BODY MOUNTING SURFACE

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

NOTICE:

When the moulding is installed, the temperature of the mounting surface should be 20°C (68°F) or higher.

3. HEAT MOULDING

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

NOTICE:

Do not heat moulding excessively.

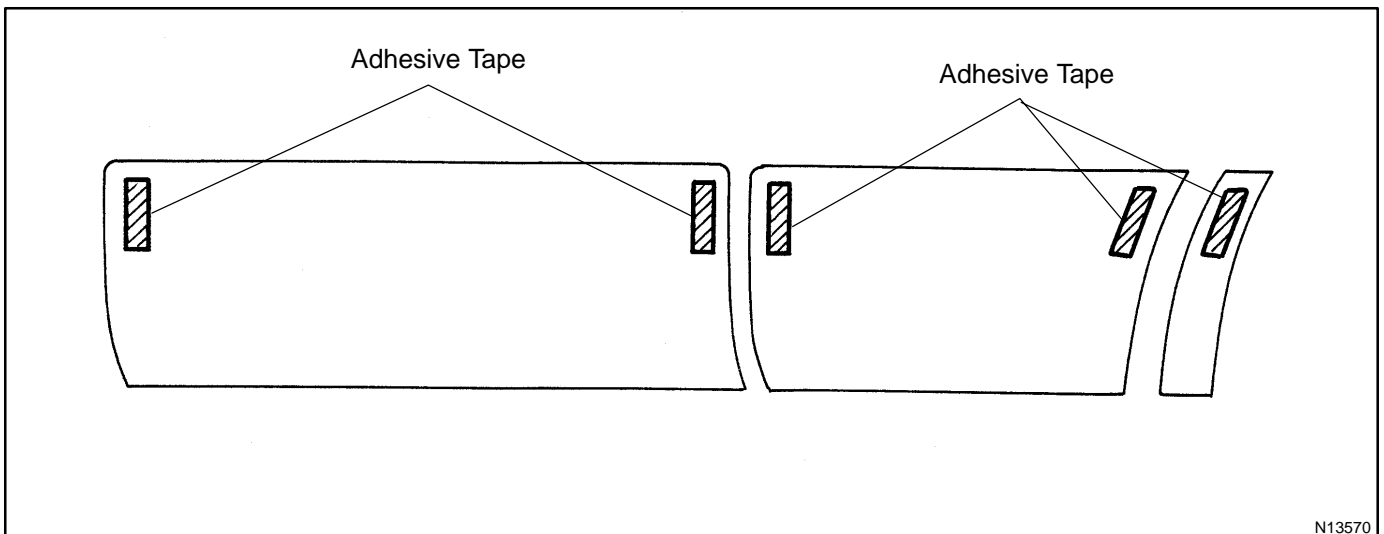
The temperature should not be higher than 80°C (176°F).

4. INSTALL MOULDING

- Align the bolts and the moulding with the body holes, and push the moulding to the body.
- Install the nuts.

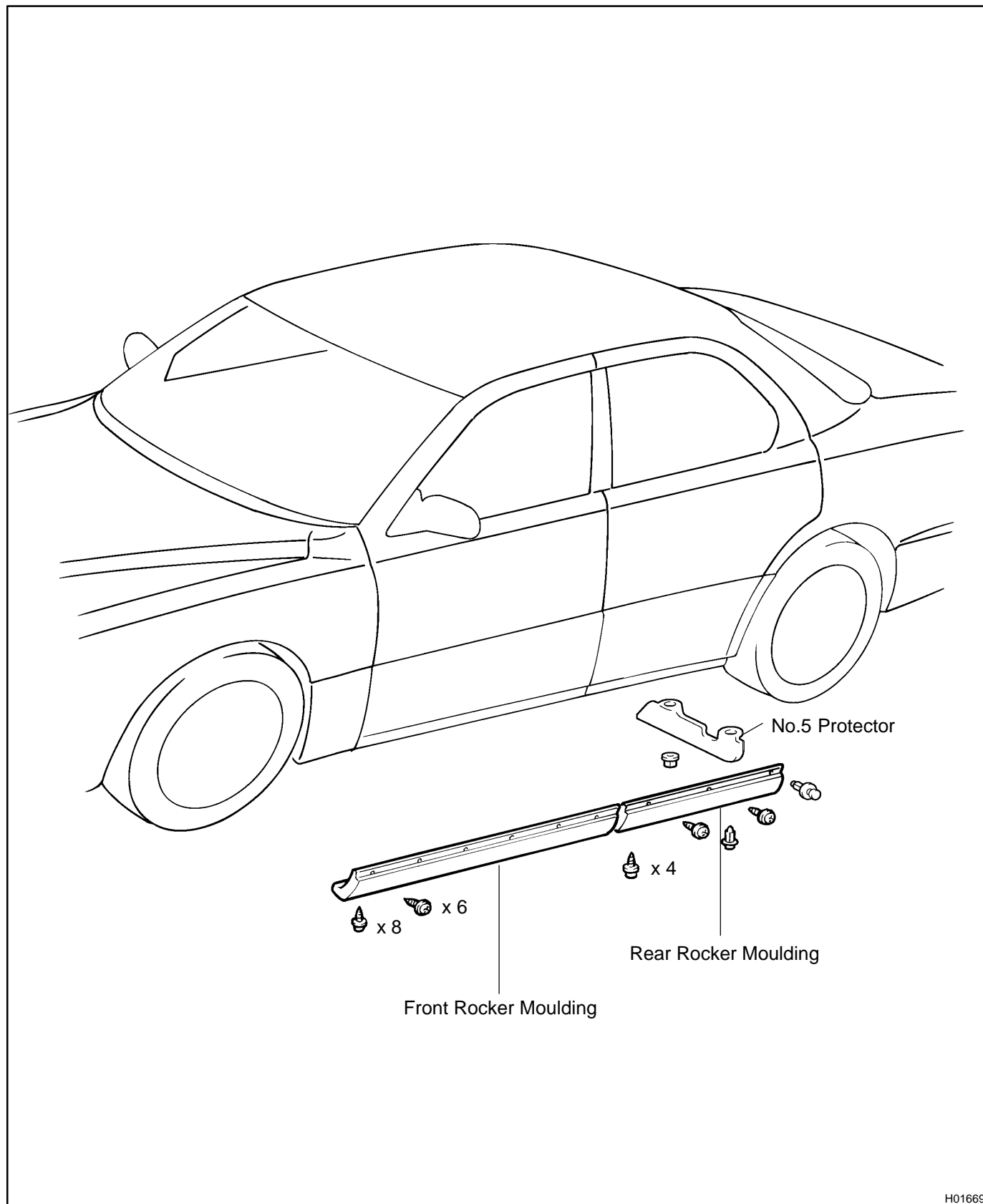
NOTICE:

- ◆ Be sure that the body and moulding are heated to the proper temperature.
- ◆ Do not depress the adhesive-coated parts excessively, just hold them down with your thumb.
- ◆ After installation, do not wash the vehicle for 24 hours.

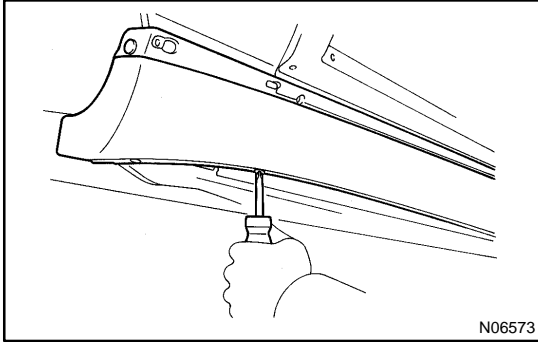


ROCKER PANEL MOULDING COMPONENTS

B00PX-01



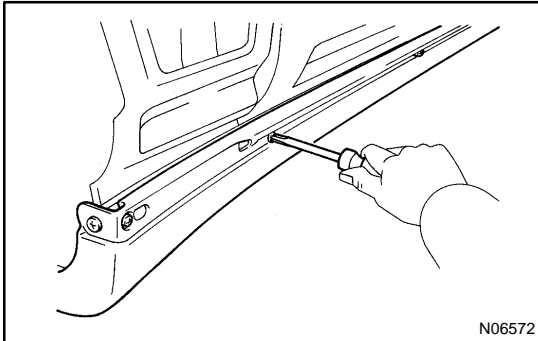
H01669



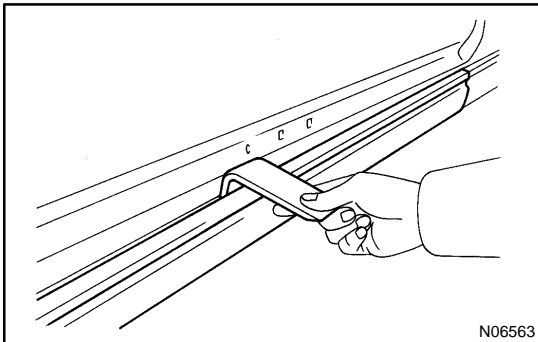
REMOVAL

1. REMOVE FRONT ROCKER PANEL MOULDING

- (a) Remove the 8 clips.

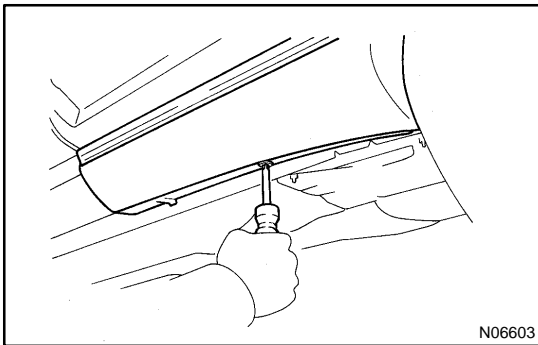


- (b) Remove the 6 screws.



- (c) Remove the moulding remover, pull out the rocker moulding.

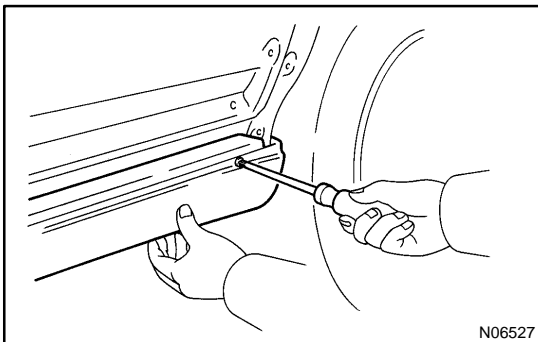
- (d) Remove the front rocker moulding.



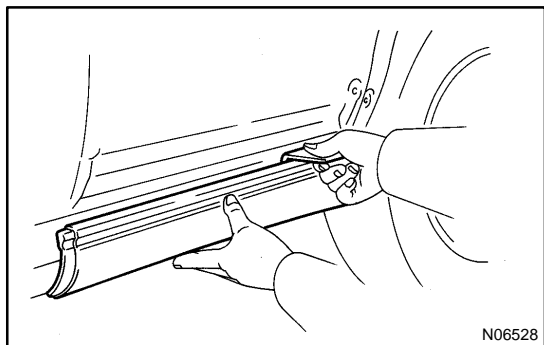
2. REMOVE REAR ROCKER PANEL MOULDING

- (a) Remove the 2 clips and No.5 protector.

- (b) Remove the 4 clips.



- (c) Remove the 2 screws and clip.



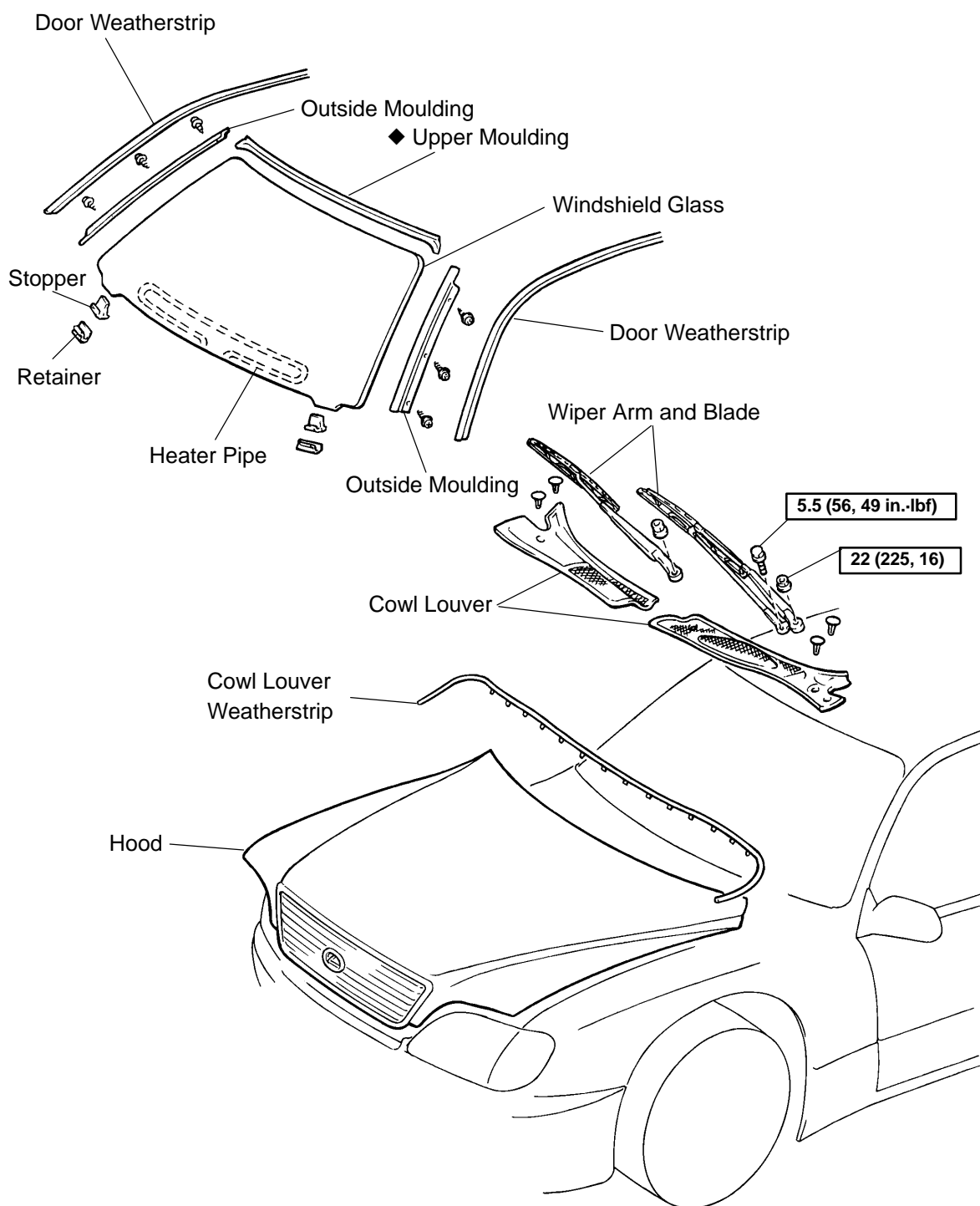
- (d) Remove the moulding remover, pull out the rocker moulding.
- (e) Remove the rear rocker moulding.

INSTALLATION

Installation is in the reverse order of removal (See page [BO-51](#)).

WINDSHIELD COMPONENTS

B000R-01



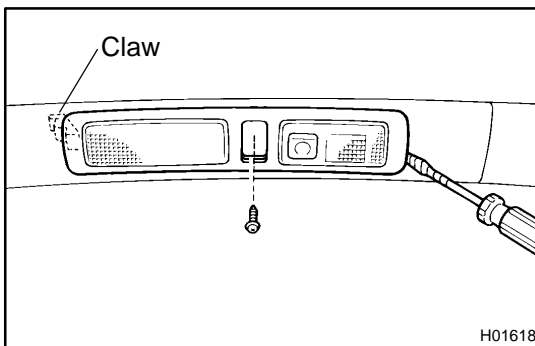
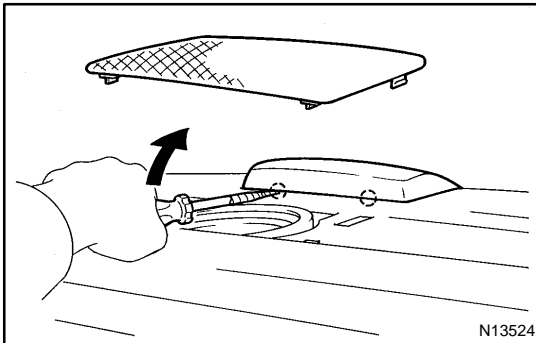
N·m (kgf·cm, ft·lbf) : Specified torque
◆ Non-reusable part

H03119

REMOVAL

1. REMOVE THESE PARTS:

- (a) Front seat
- (b) Rear seat cushion
- (c) Rear seat belt floor anchors
- (d) Rear seatback
- (e) Front door scuff plates
- (f) Rear door scuff plates
- (g) Rear seat side garnishes
- (h) High-mounted stop light
- (i) Speaker grille
- (j) Package tray trim
- (k) Assist grip
- (l) Center pillar garnish



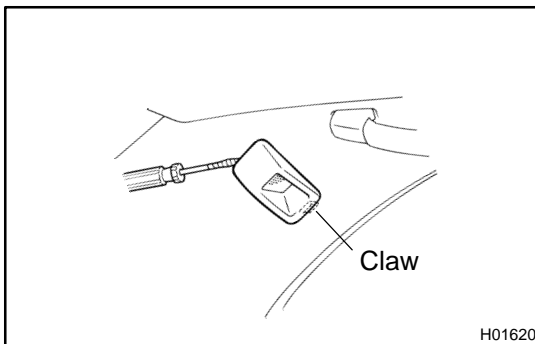
2. REMOVE REAR PERSONAL LIGHT

- (a) Remove the screw.
- (b) Using a screwdriver, remove the light as shown in the illustration.

HINT:

Tape the screwdriver tip before use.

- (c) Disconnect the connector.



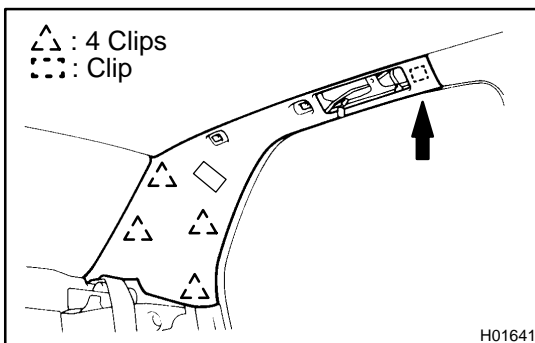
3. REMOVE SPOT LIGHT

- (a) Using a screwdriver, remove the light as shown in the illustration.

HINT:

Tape the screwdriver tip before use.

- (b) Disconnect the connector.

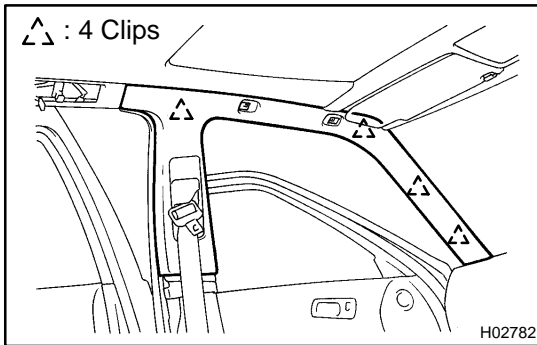


4. REMOVE ROOF SIDE INNER GARNISH

Remove the roof side inner garnish.

NOTICE:

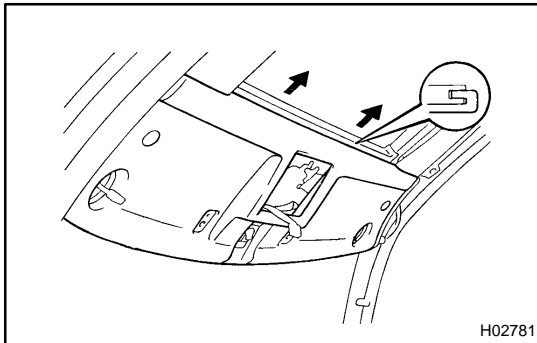
Paying enough attention remove the clip on the roof side inner garnish shown in the illustration. Otherwise, the roof side inner garnish or the front pillar garnish might be broken.

**5. REMOVE FRONT PILLAR GARNISH**

- (a) Remove the front seat outer belt shoulder anchor.
- (b) Remove the front pillar garnish.

6. REMOVE THESE PARTS:

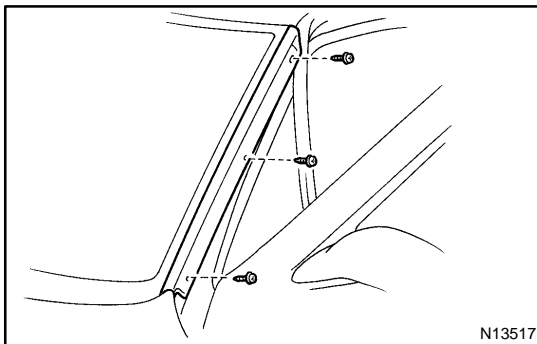
- (a) Sun visors and holders
- (b) Personal light
- (c) Center visor
- (d) Inner rear view mirror

**7. REMOVE FRONT ROOF HEADLINING**

Remove the front roof headlining as shown in the illustration.

8. REMOVE THESE PARTS:

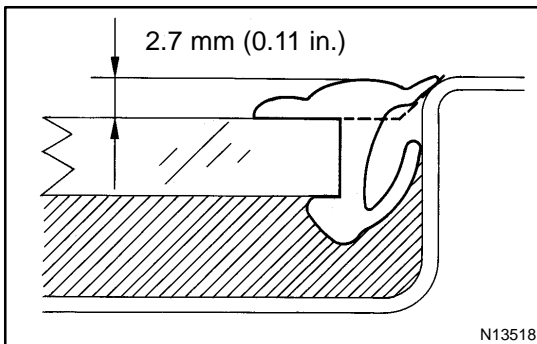
- (a) Hood
- (b) Wiper arms
- (c) Cowl louver weatherstrip
- (d) Cowl louver

**9. REMOVE FRONT DOOR WEATHERSTRIP**

Pull the weatherstrip by hand.

10. REMOVE OUTSIDE MOULDING

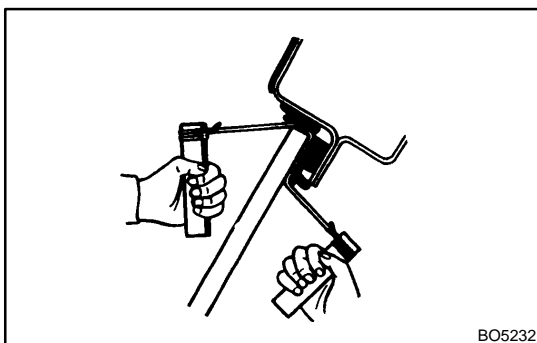
Remove the 3 screws and outside moulding.

**11. REMOVE WINDSHIELD UPPER MOULDING**

Using a knife, cut off the moulding as shown.

NOTICE:

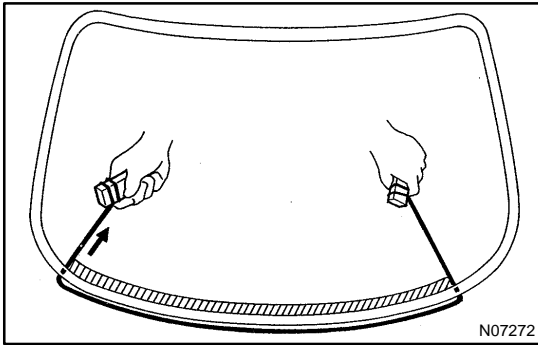
Do not damage the body with the knife.

**12. REMOVE WINDSHIELD GLASS**

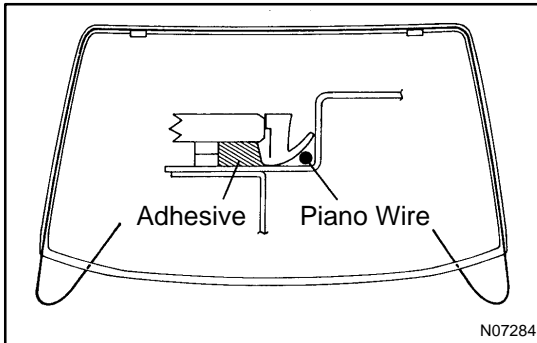
- (a) Push piano wire through between the body and glass from the interior.
- (b) Tie both wire ends to a wooden block or like object.

HINT:

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

**NOTICE:**

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

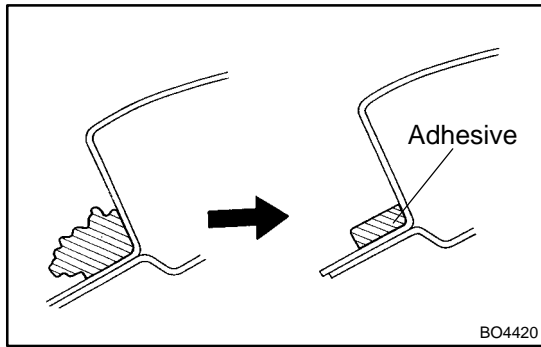


(c) Cut the adhesive by pulling the piano wire around it.

(d) Remove the glass.

NOTICE:

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



INSTALLATION

1. CLEAN AND SHAPE CONTACT SURFACE OF BODY

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

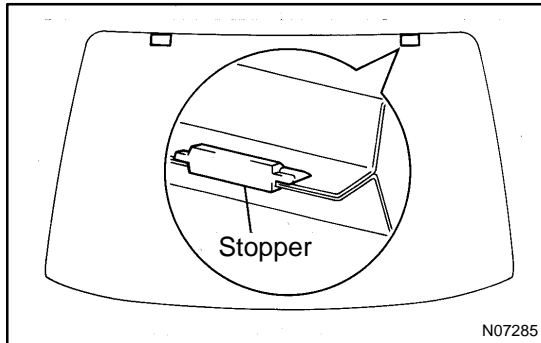
HINT:

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 a cleaner fluid.

HINT:

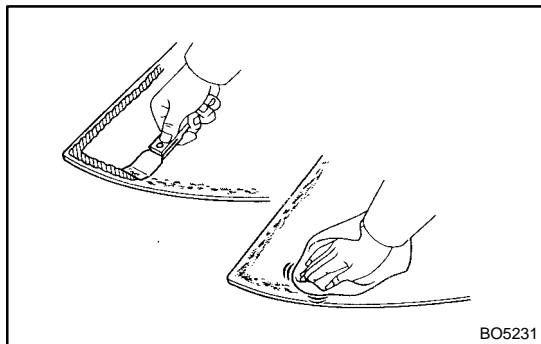
Even if all the adhesive has been removed, clean the body.



2. IF NECESSARY, REPLACE STOPPER

- (a) Using a knife, remove the stoppers.

- (b) Install new stopper.



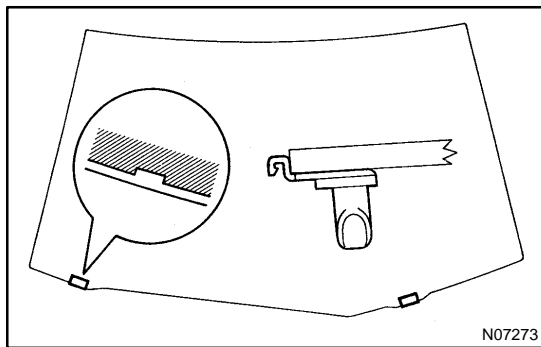
3. CLEAN REMOVED GLASS

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

- (b) Clean the glass with cleaner fluid.

NOTICE:

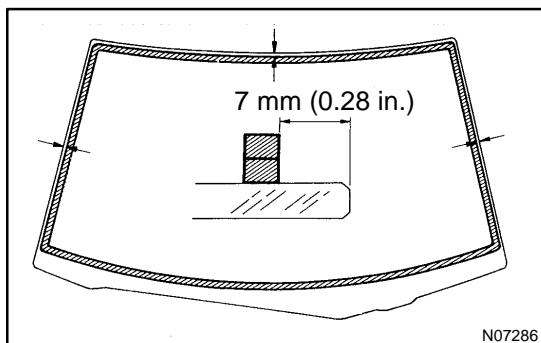
Do not touch the glass surface after cleaning it.



4. IF NECESSARY, REPLACE RETAINER

- (a) Using a knife, remove the retainer.

- (b) Install new retainer.

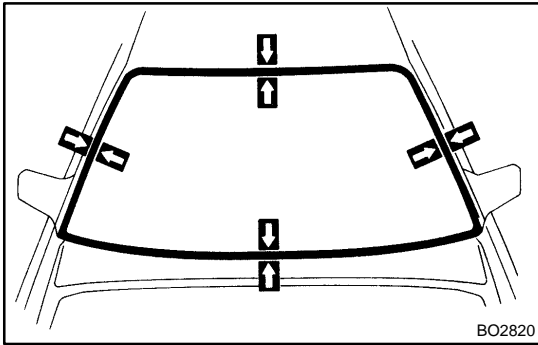


5. INSTALL DAM

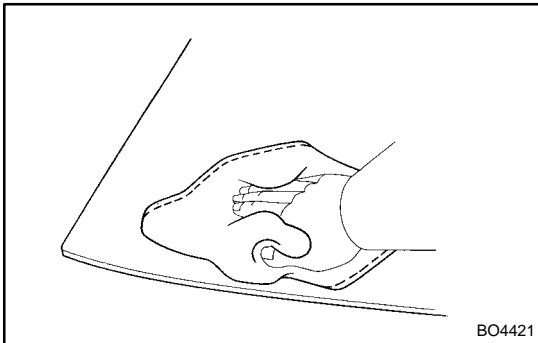
Install the dam with double-stick tape as shown in the illustration.

NOTICE:

Do not touch the glass surface after cleaning it.

**6. POSITION GLASS**

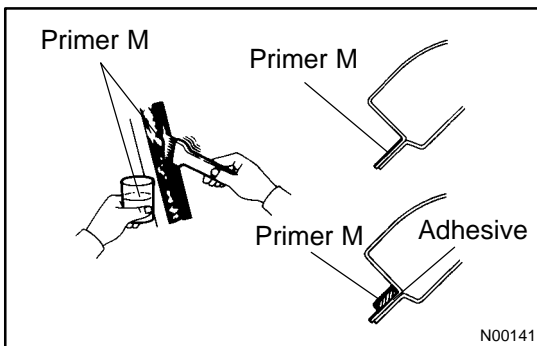
- (a) Place glass in correct position.
- (b) Place reference marks between the glass and body.
- (c) Remove the glass.

**7. CLEAN CONTACT SURFACE OF GLASS**

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

NOTICE:

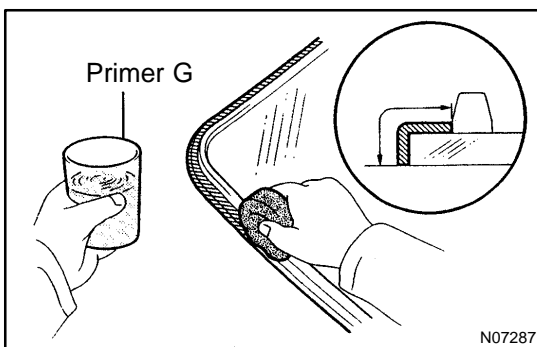
Do not touch the glass surface after cleaning it.

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

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

NOTICE:

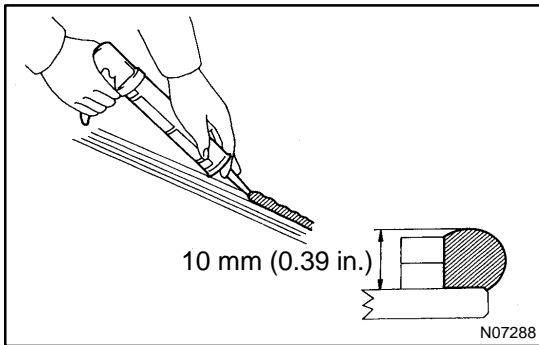
- ◆ Let the primer coating dry for 3 minutes or more.
- ◆ Do not coat the adhesive.
- ◆ Do not keep any of the opened Primer M for later use.

**9. 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.
- (b) Before the Primer dries, wipe it off with a clean shop rag.

NOTICE:

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

**10. APPLY ADHESIVE**

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

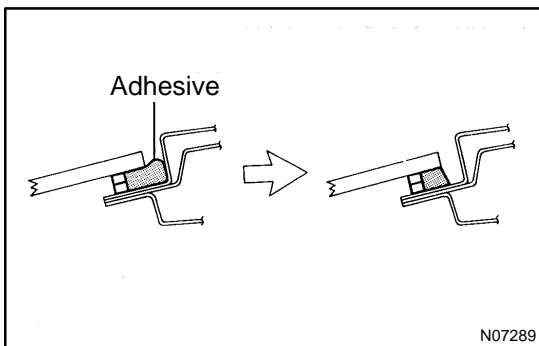
Part No. 08850-00801 or equivalent

HINT:

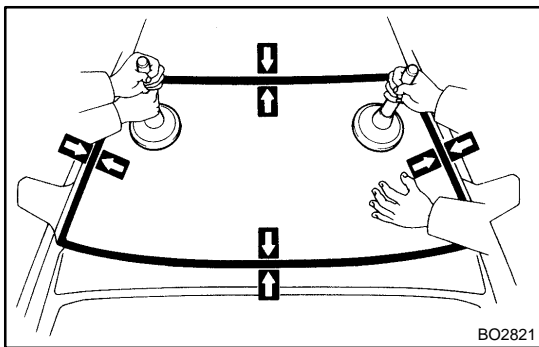
After cutting off the tip, use all adhesive within the time described in the table below.

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

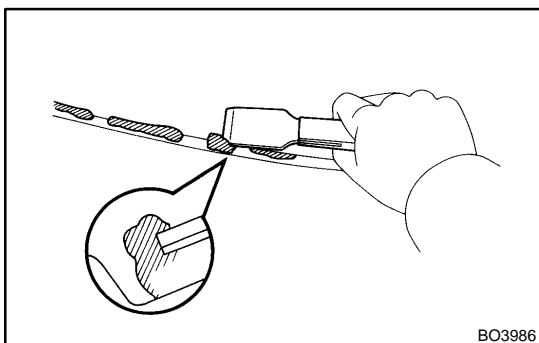
- (b) Load the cartridge into the sealer gun.
(c) Coat the glass with adhesive as shown.

**11. INSTALL GLASS****HINT:**

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



- (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 excessive or protruding adhesive.
(d) Hold the glass in place securely with a protective tape or equivalent until the adhesive hardened.

NOTICE:

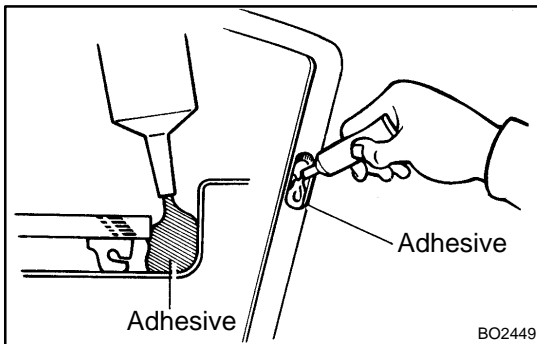
Take care not to drive the vehicle during the time described in the table below.

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

12. INSPECT FOR LEAK AND REPAIR

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

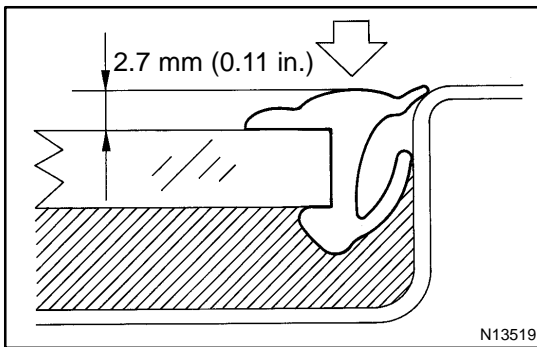
Part No. 08833-00030 or equivalent



13. APPLY ADHESIVE AT WINDSHIELD UPPER MOULDING INSTALLATION AREA

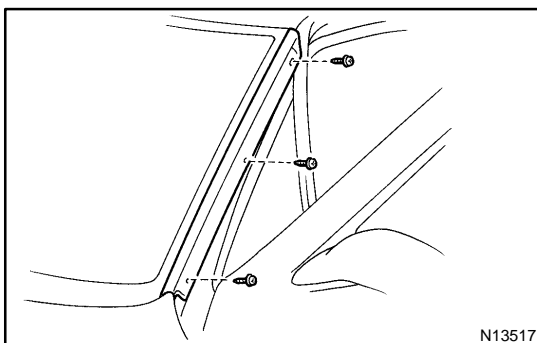
Coat the glass with adhesive at the moulding installation area.

Part No. 08833-00030 or equivalent



14. INSTALL WINDSHIELD UPPER MOULDING

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



15. INSTALL OUTSIDE MOULDING

Install the 3 screws and outside moulding.

16. INSTALL FRONT DOOR WEATHERSTRIP

17. INSTALL THESE PARTS:

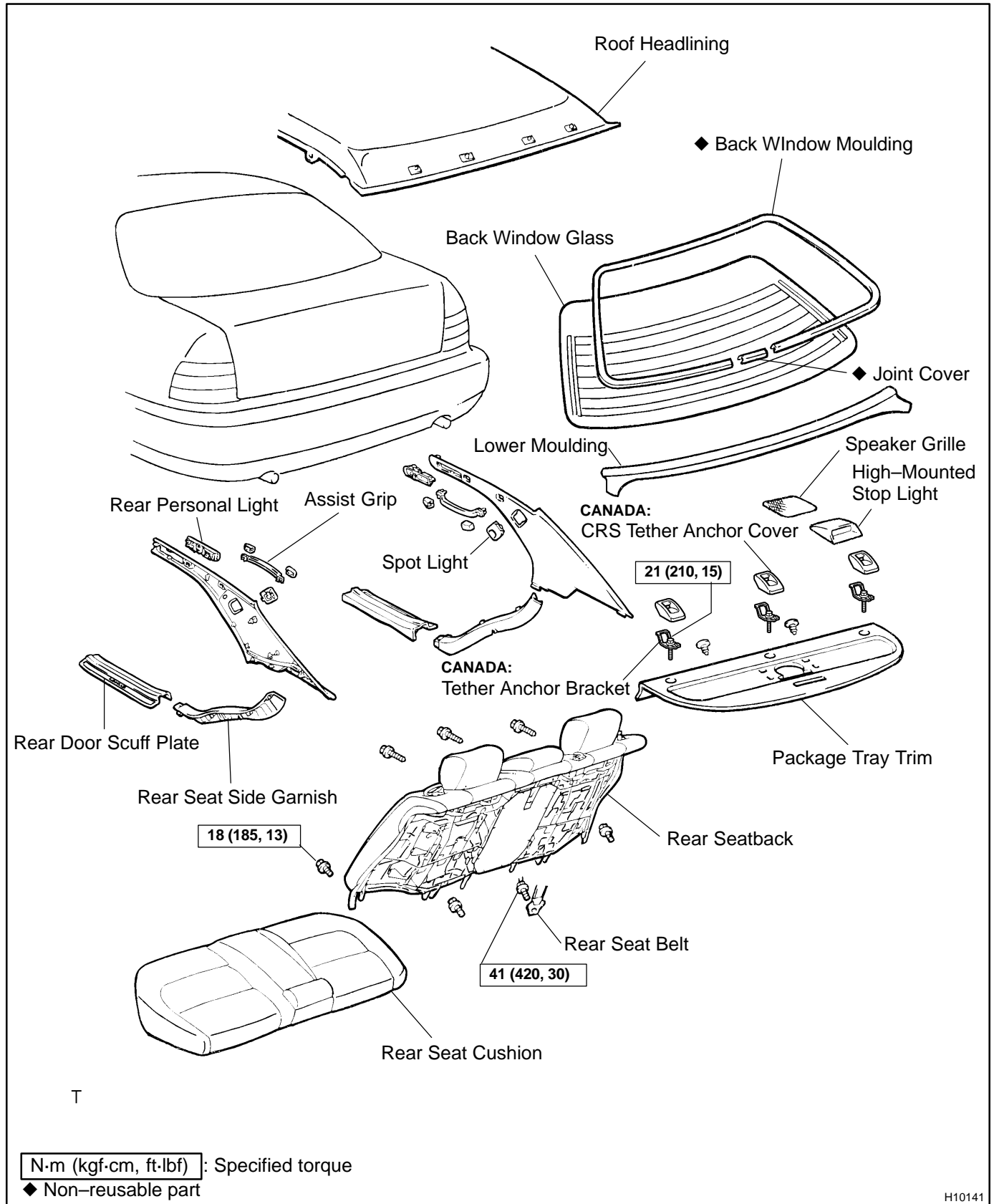
- (a) Cowl louver
- (b) Cowl louver weatherstrip
- (c) Wiper arms

Torque:**Bolt: 5.5 N·m (56 kgf-cm, 49 in.-lbf)****Nut: 22 N·m (225 kgf-cm, 16 ft-lbf)**

- (d) Hood
 - (e) Front roof headlining
 - (f) Inner rear view mirror
 - (g) Center visor
 - (h) Personal light
 - (i) Sun visors and holders
 - (j) Front pillar garnishes
 - (k) Front seat outer belt shoulder anchors
- Torque: 41 N·m (420 kgf-cm, 30 ft-lbf)**
- (l) Roof side inner garnishes
 - (m) Rear spot light
 - (n) Rear personal light
 - (o) Center pillar garnishes
 - (p) Assist grips
 - (q) Package tray trim
 - (r) Speaker grille
 - (s) High-mounted stop light
 - (t) Rear seat side garnishes
 - (u) Rear door scuff plates
 - (v) Front door scuff plates
 - (w) Rear seatback
- Torque: 18 N·m (185 kgf-cm, 13 ft-lbf)**
- (x) Rear seat belt floor anchor
- Torque: 41 N·m (420 kgf-cm, 30 ft-lbf)**
- (y) Rear seat cushion
 - (z) Front seat
- Torque: 37 N·m (375 kgf-cm, 27 ft-lbf)**

BACK WINDOW GLASS COMPONENTS

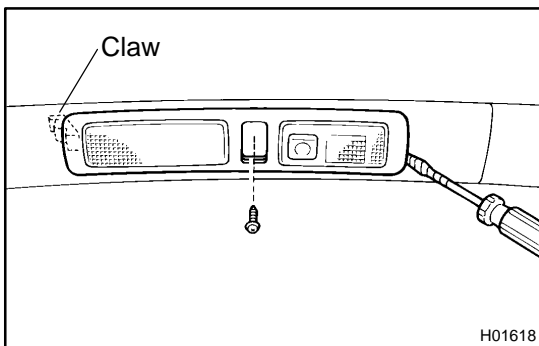
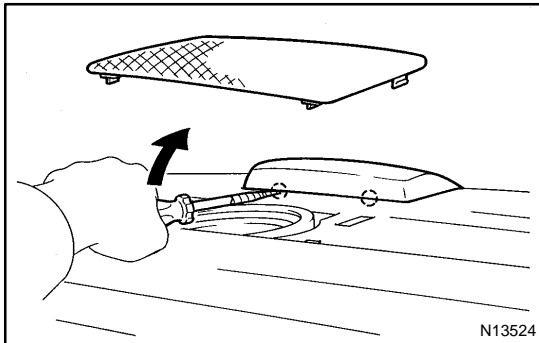
B000U-02



H10141

REMOVAL

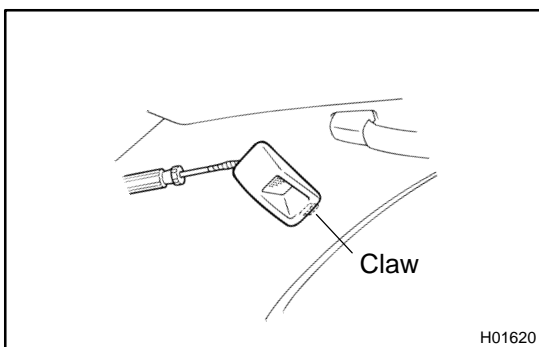
1. REMOVE REAR SEAT CUSHION
2. REMOVE REAR SEAT BELT FLOOR ANCHORS
3. REMOVE REAR SEATBACK
4. REMOVE REAR DOOR SCUFF PLATE
5. REMOVE REAR SEAT SIDE GARNISHES
6. REMOVE SPEAKER GRILLE
7. REMOVE HIGH-MOUNTED STOP LIGHT
8. CANADA:
REMOVE CRS TETHER ANCHOR COVERS AND TETHER ANCHOR BRACKETS
9. REMOVE PACKAGE TRAY TRIM
10. REMOVE ASSIST GRIPS



11. REMOVE REAR PERSONAL LIGHT
 - (a) Remove the screw.
 - (b) Using a screwdriver, remove the light as shown in the illustration.

HINT:
Tape the screwdriver tip before use.

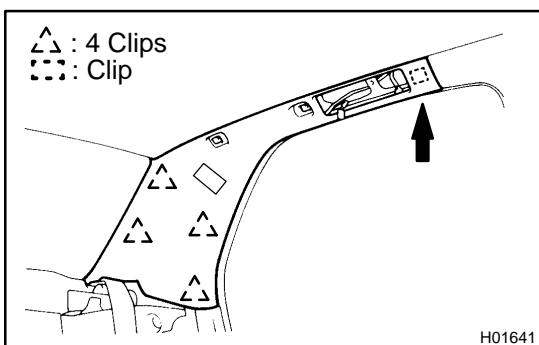
 - (c) Disconnect the connector.
 - (d) Employ the same manner described above to the other side.



12. REMOVE SPOT LIGHT
 - (a) Using a screwdriver, remove the light as shown in the illustration.

HINT:
Tape the screwdriver tip before use.

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



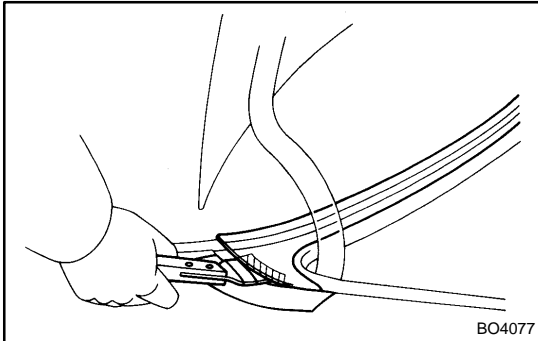
13. REMOVE ROOF SIDE INNER GARNISH
 - (a) Remove the roof side inner garnish.

NOTICE:
Paying enough attention remove the clip on the roof side inner garnish shown in the illustration. Otherwise, the roof side inner garnish or the front pillar garnish might be broken.

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

14. REMOVE ROOF HEADLINING

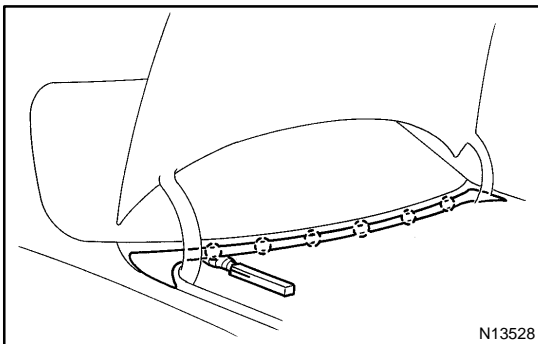
Remove the rear side of roof headlining.

**15. REMOVE LOWER MOULDING**

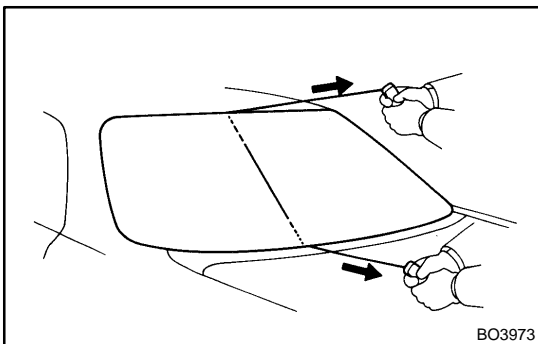
- (a) Using a scraper, cut loose the double-sided tape on both sides of the moulding as shown.

HINT:

Tape the scraper tip before use.



- (b) Using a scraper, pry off the moulding from the 6 clips and remove the moulding.

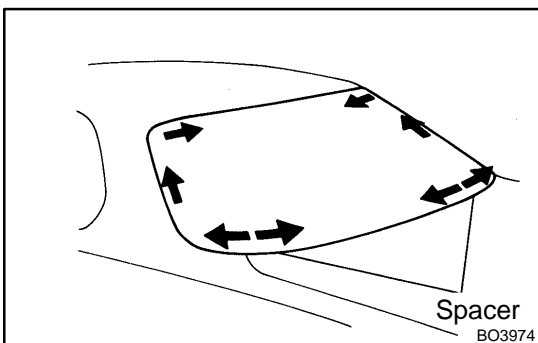
**16. REMOVE BACK WINDOW GLASS**

- (a) Disconnect the connectors.
 (b) Push the piano wire through between the body and glass from the interior.
 (c) Tie both wire ends to a wooden block.

HINT:

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

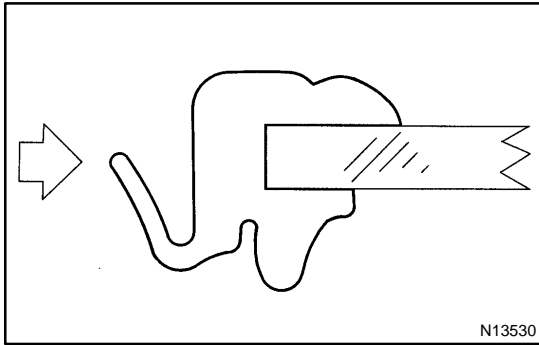
- (d) Cut the adhesive by pulling the piano wire around it.

**NOTICE:**

Do not damage the 2 spacers with the wire.

- (e) Remove the glass.

17. REMOVE BACK WINDOW MOULDING



INSTALLATION

HINT:

Refer to the installation of windshield, install back window glass by the following operations (See page [BO-58](#)).

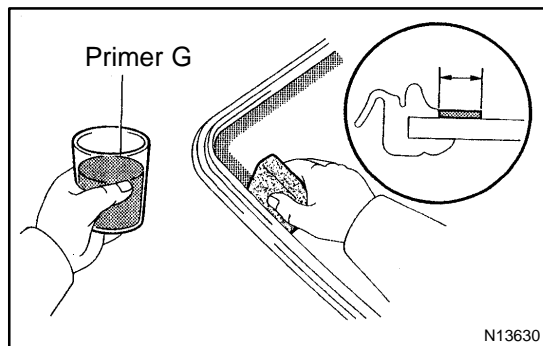
1. INSTALL BACK WINDOW MOULDING

Place the moulding around and install it by hand.

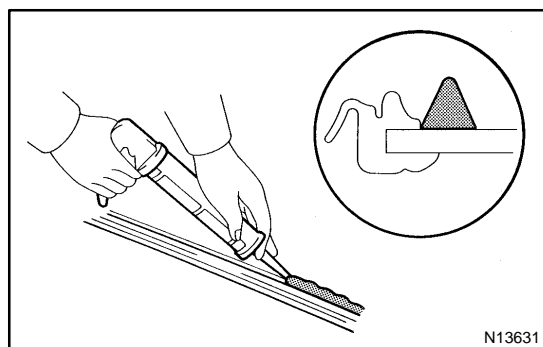
HINT:

Always remove the back window glass to install the moulding.

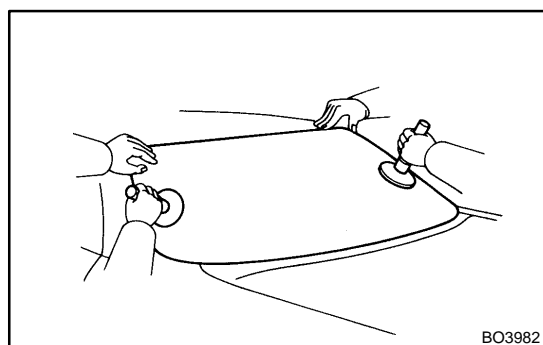
2. CLEAN AND SHAPE CONTACT SURFACE OF BODY
3. REPLACE STOPPER
4. CLEAN REMOVED GLASS
5. POSITION GLASS
6. CLEAN CONTACT SURFACE OF GLASS
7. COAT CONTACT SURFACE OF BODY WITH PRIMER
"M"



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

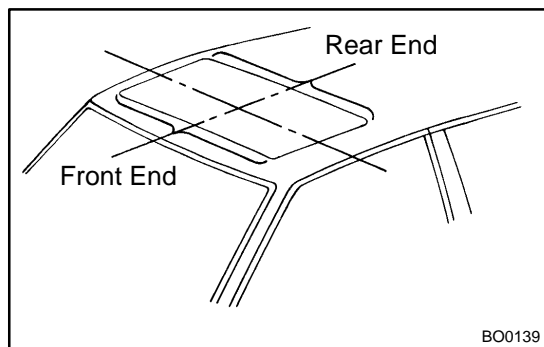


9. APPLY ADHESIVE



10. INSTALL GLASS
 11. INSPECT FOR LEAK AND REPAIR
 12. INSTALL BACK WINDOW OUTSIDE LOWER MOULDING
- Place the moulding onto the body and tap it by hand.
13. CONNECT DEFOGGER WIRE CONNECTORS

14. **INSTALL ROOF HEADLINING**
15. **INSTALL ROOF SIDE INNER GARNISHES**
16. **INSTALL SPOT LIGHTS**
17. **INSTALL REAR PERSONAL LIGHTS**
18. **INSTALL ASSIST GRIPS**
19. **INSTALL PACKAGE TRAY TRIM**
20. **CANADA:**
INSTALL CRS TETHER ANCHOR COVERS AND
TETHER ANCHOR BRACKETS
Torque: 21 N·m (210 kgf-cm, 15 ft-lbf)
21. **INSTALL HIGH-MOUNTED STOP LIGHT**
22. **INSTALL SPEAKER GRILLE**
23. **INSTALL REAR SEAT SIDE GARNISHES**
24. **INSTALL REAR DOOR SCUFF PLATES**
25. **INSTALL REAR SEATBACK**
Torque: 18 N·m (185 kgf-cm, 13 ft-lbf)
26. **INSTALL REAR SEAT BELT FLOOR ANCHORS**
Torque: 41 N·m (420 kgf-cm, 30 ft-lbf)
27. **INSTALL REAR SEAT CUSHION**



SLIDING ROOF ON-VEHICLE INSPECTION

B000X-01

INSPECT SLIDING ROOF GLASS ALIGNMENT

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

Operation Time: Approx. 5 sec.

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

Front End:

$-0.5 \pm 1.5 \text{ mm } (-0.020 \pm 0.059 \text{ in.})$

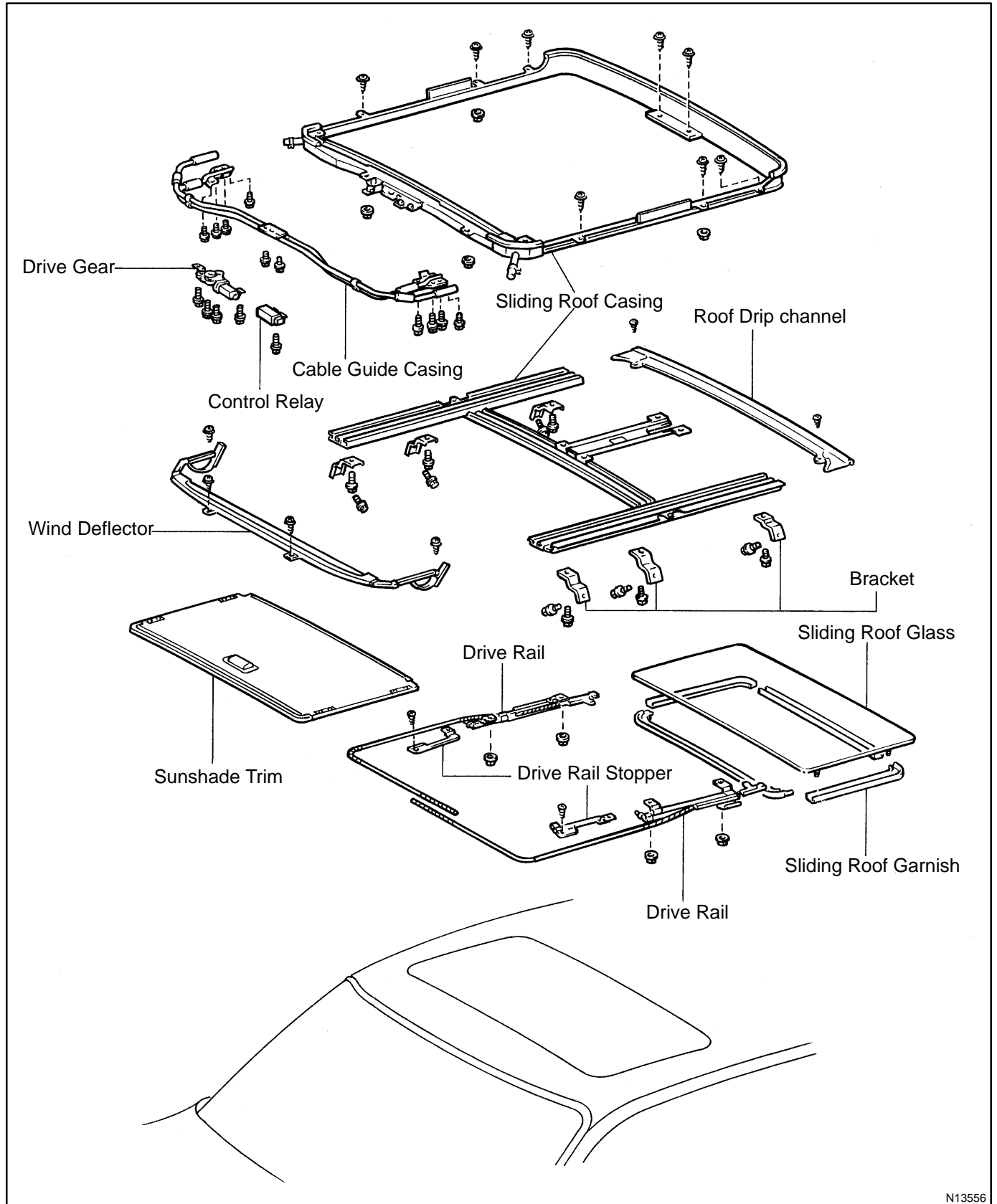
Center Line:

$0 \pm 1.5 \text{ mm } (0 \pm 0.059 \text{ in.})$

Rear End:

$0.5 \pm 1.5 \text{ mm } (0.020 \pm 0.059 \text{ in.})$

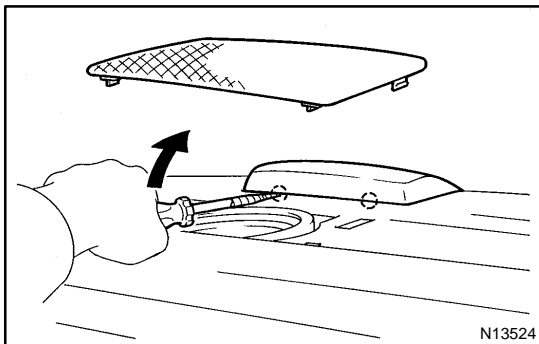
COMPONENTS



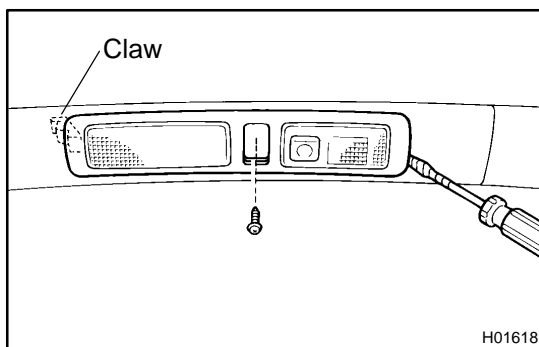
N13556

REMOVAL

1. REMOVE FRONT SEAT
Torque: 37 N·m (375 kgf-cm, 27 ft-lbf)
2. REMOVE REAR SEAT CUSHION
3. REMOVE REAR SEAT BELT FLOOR ANCHORS
Torque: 43 N·m (440 kgf-cm, 32 ft-lbf)
4. REMOVE REAR SEATBACK
Torque: 18 N·m (185 kgf-cm, 13 ft-lbf)
5. REMOVE FRONT DOOR SCUFF PLATES
6. REMOVE REAR DOOR SCUFF PLATES
7. REMOVE REAR SEAT SIDE GARNISHES



8. REMOVE HIGH-MOUNTED STOP LIGHT
9. REMOVE SPEAKER GRILLE
10. CANADA:
REMOVE CRS TETHER ANCHOR COVERS AND
TETHER ANCHOR BRACKETS
Torque: 21 N·m (210 kgf-cm, 15 ft-lbf)
11. REMOVE PACKAGE TRAY TRIM
12. REMOVE ASSIST GRIPS
13. REMOVE CENTER PILLAR GARNISHES

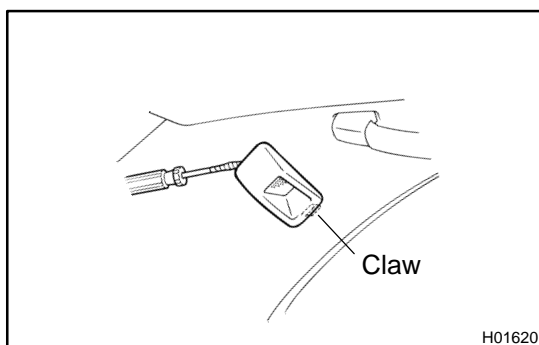


14. REMOVE REAR PERSONAL LIGHT
 - (a) Remove the screw.
 - (b) Using a screwdriver, remove the light as shown in the illustration.

HINT:

Tape the screwdriver tip before use.

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



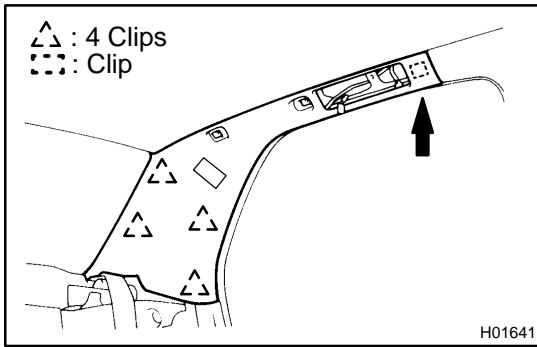
15. REMOVE SPOT LIGHT

- (a) Using a screwdriver, remove the light as shown in the illustration.

HINT:

Tape the screwdriver tip before use.

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

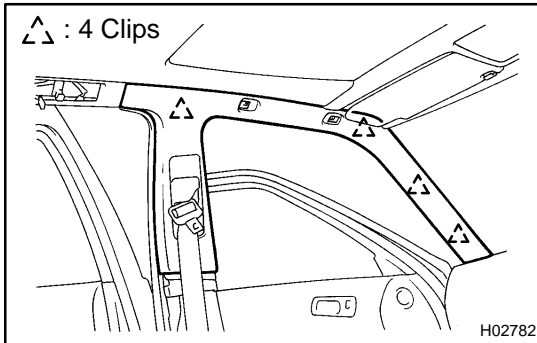
**16. REMOVE ROOF SIDE INNER GARNISH**

- (a) Remove the roof side inner garnish.

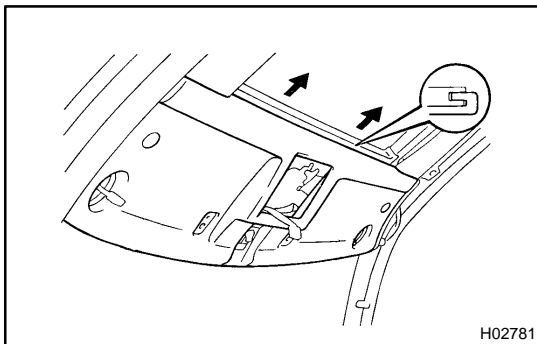
NOTICE:

Paying enough attention remove the clip on the roof side inner garnish shown in the illustration. Otherwise, the roof side inner garnish or the front pillar garnish might be broken.

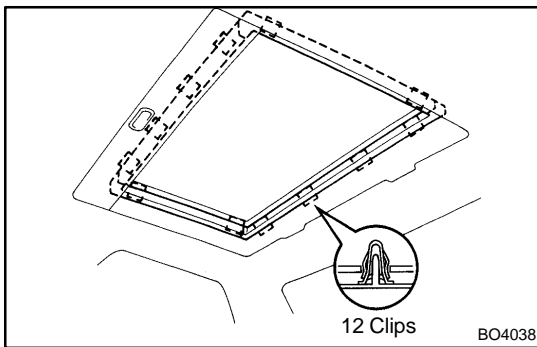
- (b) Employ the same manner described above to the other side.

**17. REMOVE FRONT PILLAR GARNISH**

- (a) Remove the front seat outer belt shoulder anchor.
(b) Remove the front pillar garnish.
(c) Employ the same manner described above to the other side.

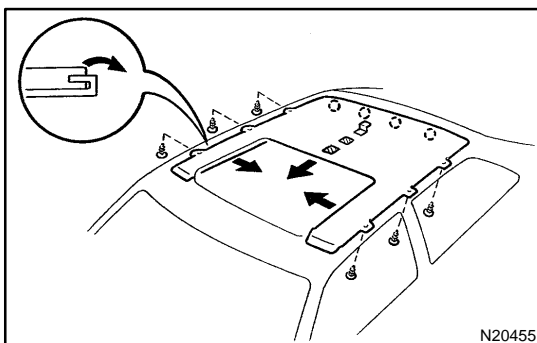
18. REMOVE SUN VISORS AND HOLDERS**19. REMOVE PERSONAL LIGHT****20. REMOVE CENTER VISOR****21. REMOVE INNER REAR VIEW MIRROR****22. REMOVE FRONT ROOF HEADLINING**

Remove the front roof headlining as shown in the illustration.

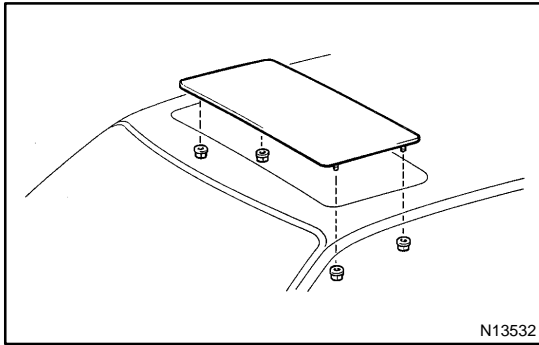
**23. REMOVE SLIDING ROOF GARNISH****HINT:**

- ◆ Do not scratch the glass or garnish with the screwdriver.
- ◆ Tape a screwdriver tip before use.

- (a) Using the screwdriver, remove 4 sliding roof garnishes.

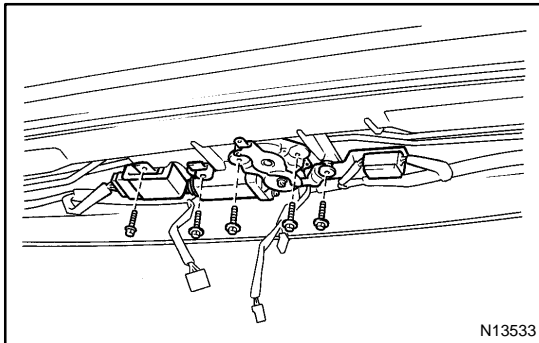


- (b) Remove the roof headlining.



24. REMOVE SLIDING ROOF GLASS

- (a) Remove the 4 nuts.
- (b) Pull the glass upward to remove it.

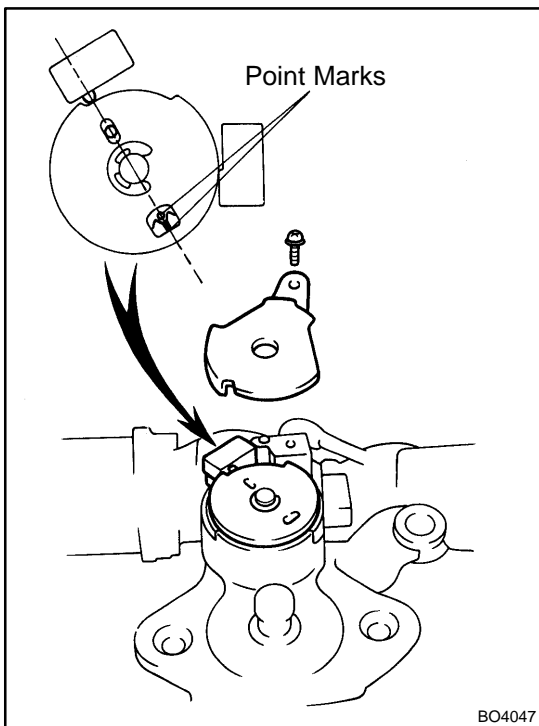


25. REMOVE SLIDING ROOF CONTROL RELAY AND DRIVE GEAR ASSEMBLY

NOTICE:

Remove the drive gear with the sliding roof full closed.

- (a) Disconnect the connectors.
- (b) Remove the bolt and relay.
- (c) Remove the 4 bolts and drive gear assembly.



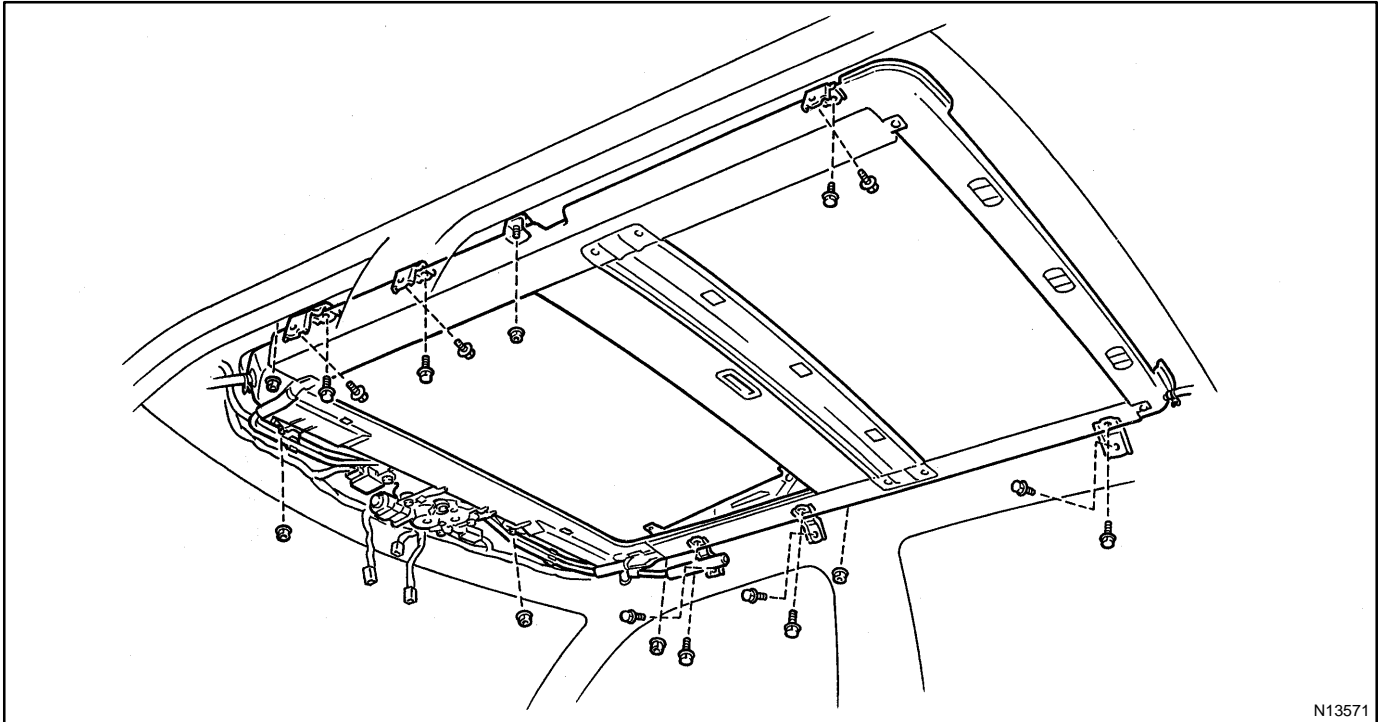
- (d) Remove the screw and cam plate cover.
- (e) Turn the drive shaft with a screwdriver to align the housing and gear point marks as shown.
- (f) Install the cam plate cover and screw.

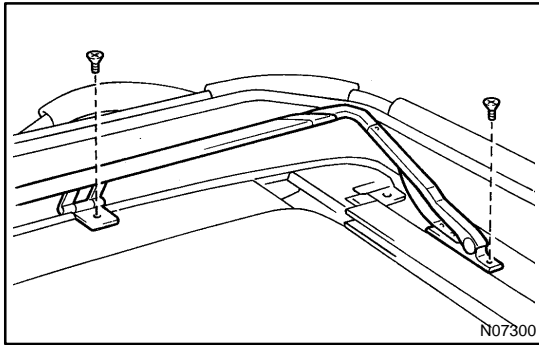
NOTICE:

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

26. REMOVE SLIDING ROOF HOUSING

- (a) Disconnect the 4 drain hoses from the housing.
- (b) Remove the 12 bolts and bracket.
- (c) Remove the 6 nuts, then remove the housing.





DISASSEMBLY

1. REMOVE WIND DEFLECTOR

- (a) Using a screwdriver, slide the drive rail backward.

HINT:

Tape the screwdriver tip before use.

BOOP0-01

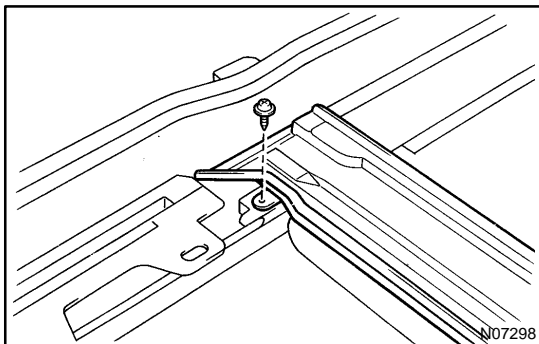
- (b) Remove the 4 screws and deflector.

2. REMOVE CABLE GUIDE CASING

- (a) Remove the 10 bolts from the cable guide casing.

- (b) Slide the drive rail forward.

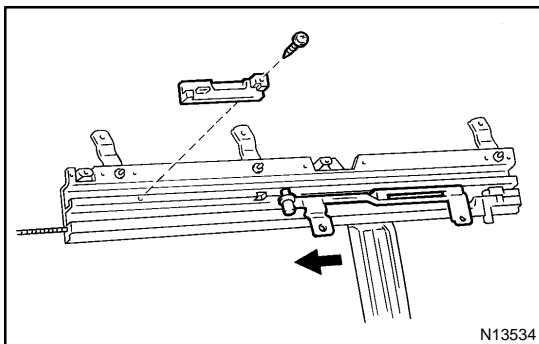
- (c) Remove the cable guide casing.



3. REMOVE ROOF DRIP CHANNEL

4. REMOVE SLIDING ROOF CASING

5. REMOVE SUNSHADE TRIM

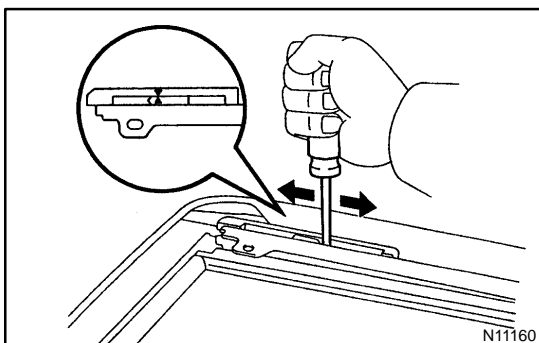


6. REMOVE DRIVE RAIL STOPPER

Remove the screw and stopper.

7. REMOVE DRIVE RAIL

Slide the drive rail forward, then remove it.



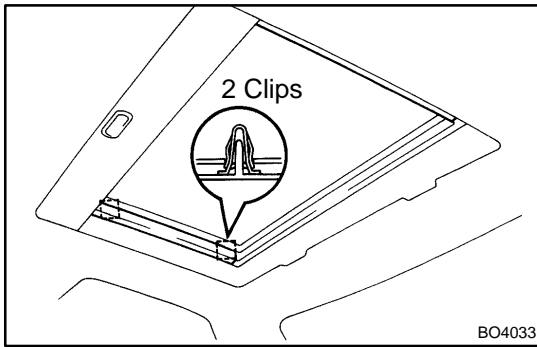
8. ADJUST DRIVE RAIL

HINT:

Adjust the drive rail to a closed and tilted down position.

- (a) Using a screwdriver, slide the link forward or backward to align the 2 marks as shown.

- (b) Slide the bracket to the forefront by hand.



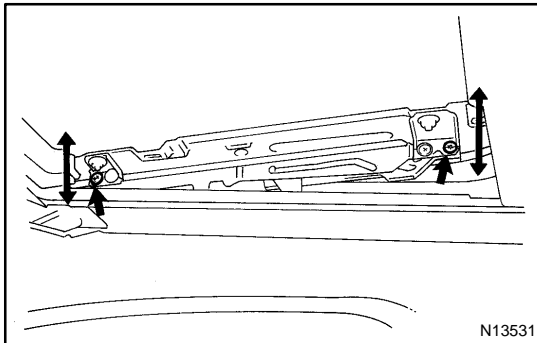
ADJUSTMENT

1. REMOVE SLIDING ROOF GARNISHES

Before making adjustments, remove the left and right sliding roof garnishes.

HINT:

After adjustment, reinstall the sliding roof garnishes.

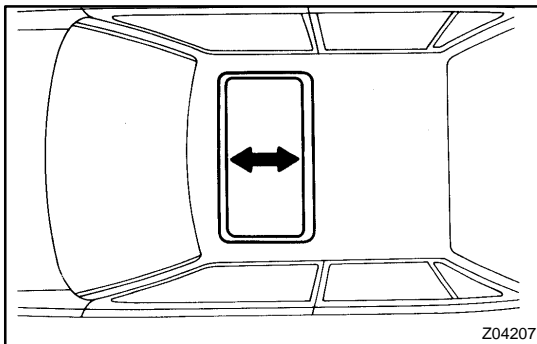


2. ADJUST SLIDING ROOF GLASS LEVEL DIFFERENCE

Using a torx driver, adjust the level difference by tightening or loosening the bolts.

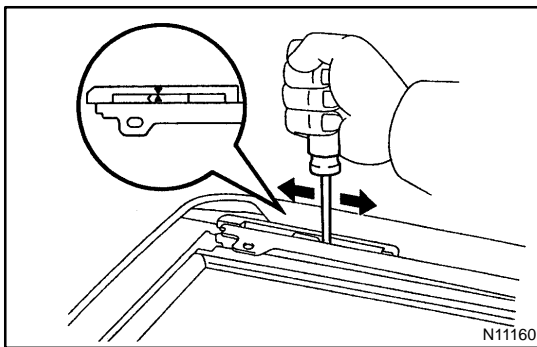
Clearance:

$0 \pm 2.0 \text{ mm}$ ($0 \pm 0.079 \text{ in.}$)



3. ADJUST SLIDING ROOF GLASS FORWARD OR REARWARD

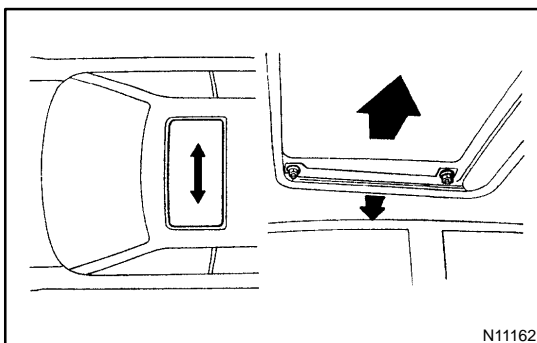
(a) Adjust by loosening the sliding roof installation nuts, and move the sliding roof bracket forward and backward.



(b) When the front or rear alignment is not correct, remove the glass and adjust the drive rail.

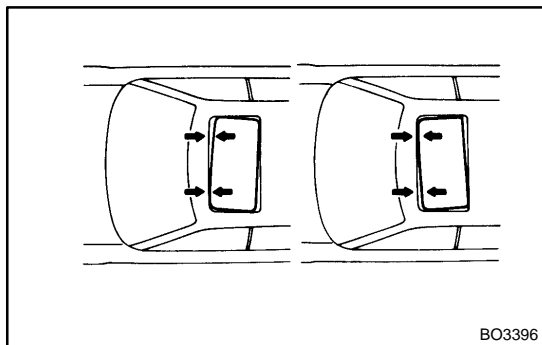
(c) Using a screwdriver, slide the link forward or backward to align the 2 marks as shown.

(d) Slide the bracket to the forefront with your hand.



4. ADJUST SLIDING ROOF GLASS RIGHT OR LEFT

Adjust by loosening the sliding roof rear shoe installation nuts, and move the sliding roof to the right and left.

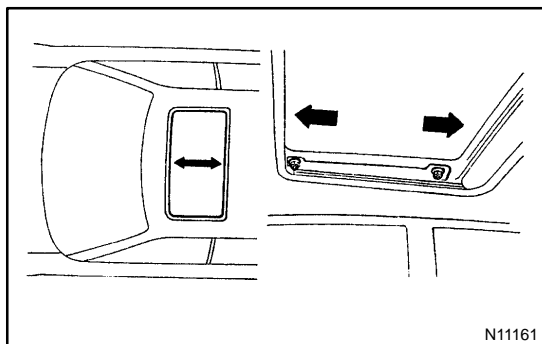


**5. ADJUST SLIDING ROOF GLASS IN CLEARANCE
(Difference in left and right clearance)**

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

NOTICE:

Remove the driver gear with the sliding roof full closed.



- (b) Adjust by loosening the sliding roof installation nuts and readjust the sliding roof to the proper position.

REASSEMBLY

Reassembly is in the reverse order of disassembly (See page [BO-74](#)).

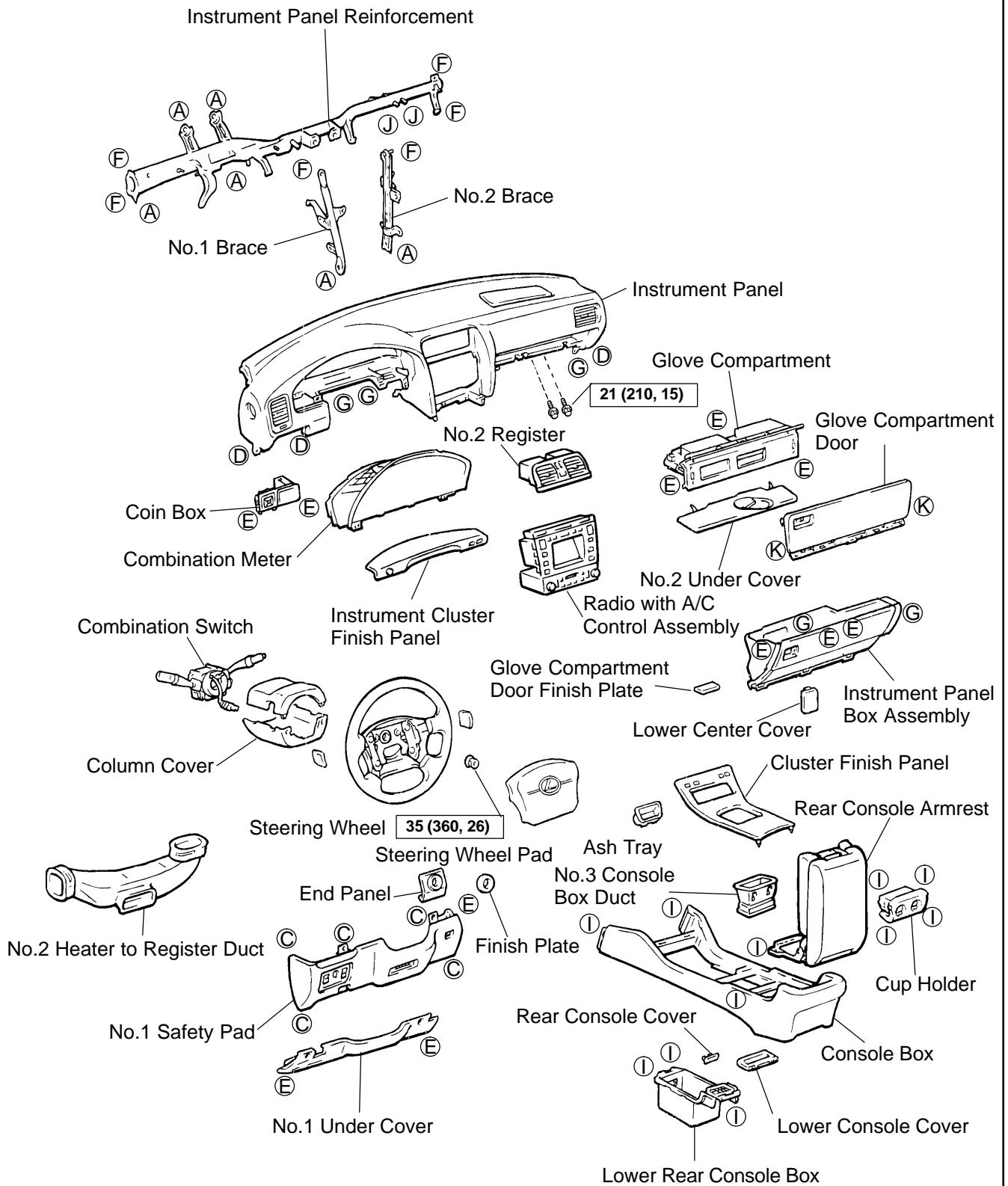
INSTALLATION

Installation is in the reverse order of removal (See page [BO-70](#)).

BO0P4-03

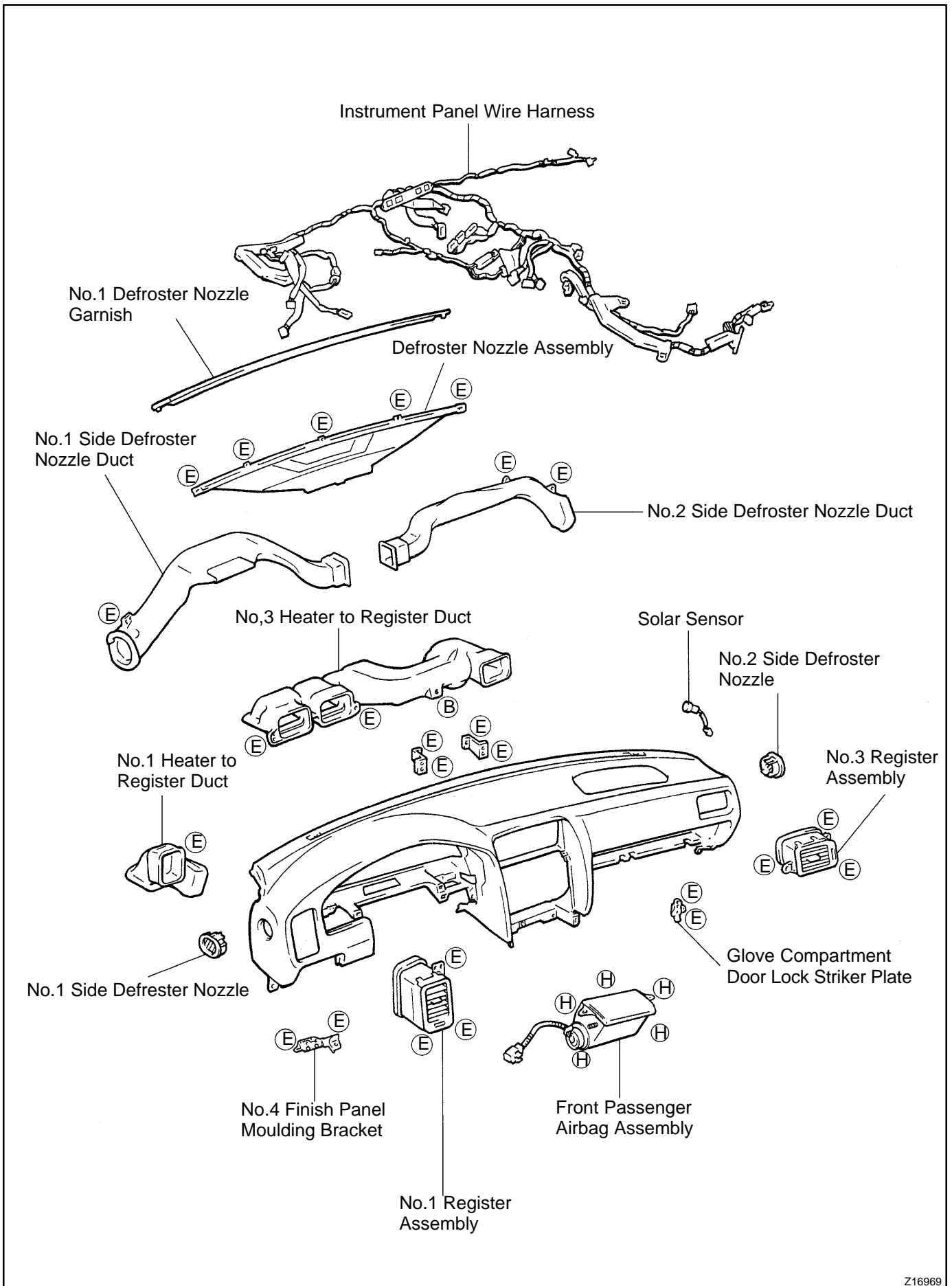


H10142 |



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

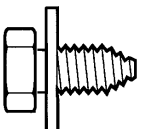
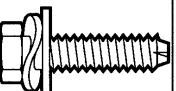
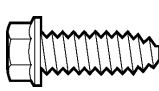
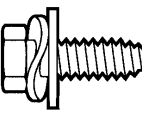
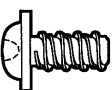

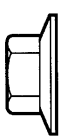
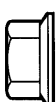

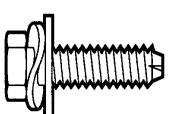
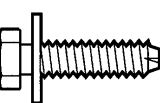
H01672



Z16969

HINT:

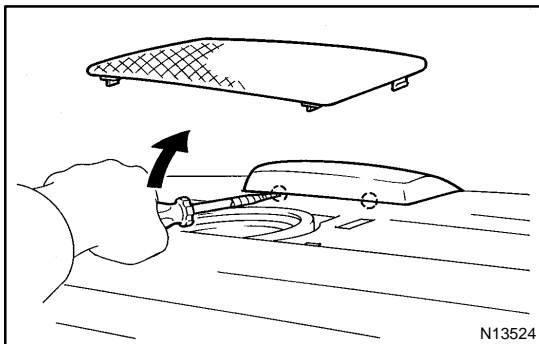
Screw shapes and sizes are indicated in the table below. The codes (A – K) correspond to those indicated on the previous page.

mm (in.)								
	Shape	Size		Shape	Size		Shape	Size
Ⓐ		$\varnothing = 8$ (0.31) L = 20 (0.79)	Ⓑ		$\varnothing = 6$ (0.24) L = 18 (0.71)	Ⓒ		$\varnothing = 6$ (0.24) L = 20 (0.79)
Ⓓ		$\varnothing = 6$ (0.24) L = 20 (0.79)	Ⓔ		$\varnothing = 5$ (0.20) L = 14 (0.55)	Ⓕ		$\varnothing = 8$ (0.31)
Ⓖ		$\varnothing = 6$ (0.24)	Ⓗ		$\varnothing = 6$ (0.24)	Ⓖ		$\varnothing = 5.22$ (0.2055) L = 16 (0.63)
Ⓙ		$\varnothing = 8$ (0.31) L = 18 (0.71)	Ⓚ		$\varnothing = 6$ (0.24) L = 25 (0.98)			

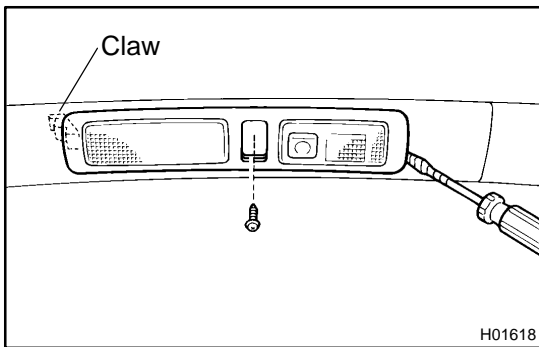
H03596

REMOVAL

1. TILT DOWN AND PULL OUT STEERING WHEEL
2. REMOVE FRONT SEAT
Torque: 37 N·m (375 kgf·cm, 27 ft·lbf)
3. REMOVE REAR SEAT CUSHION
4. REMOVE REAR SEAT BELT FLOOR ANCHOR
Torque: 43 N·m (440 kgf·cm, 32 ft·lbf)
5. REMOVE REAR SEATBACK
Torque: 18 N·m (185 kgf·cm, 13 ft·lbf)
6. REMOVE FRONT DOOR SCUFF PLATES
7. REMOVE REAR DOOR SCUFF PLATES
8. REMOVE REAR SEAT SIDE GARNISHES



9. REMOVE HIGH-MOUNT STOP LIGHT
10. REMOVE SPEAKER GRILLE
11. CANADA:
REMOVE CRS TETHER ANCHOR COVERS AND
TETHER ANCHOR BRACKETS
Torque: 21 N·m (210 kgf·cm, 15 ft·lbf)
12. REMOVE PACKAGE TRAY TRIM
13. REMOVE ASSIST GRIPS
14. REMOVE CENTER PILLAR GARNISHES

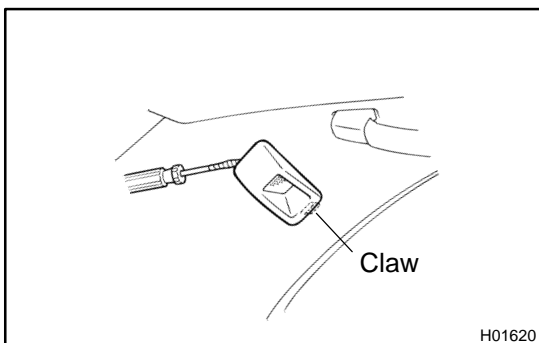


15. REMOVE REAR PERSONAL LIGHT
 - (a) Remove the screw.
 - (b) Using a screwdriver, remove the light as shown in the illustration.

HINT:

Tape the screwdriver tip before use.

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



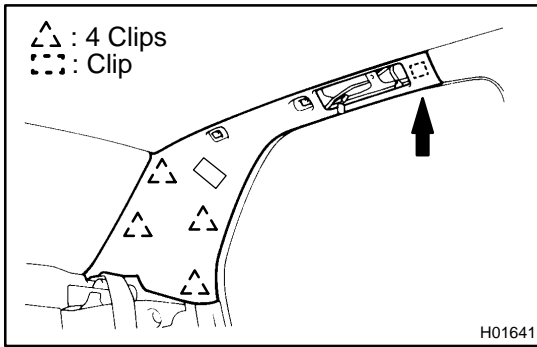
16. REMOVE SPOT LIGHT

- (a) Using a screwdriver, remove the light as shown in the illustration.

HINT:

Tape the screwdriver tip before use.

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

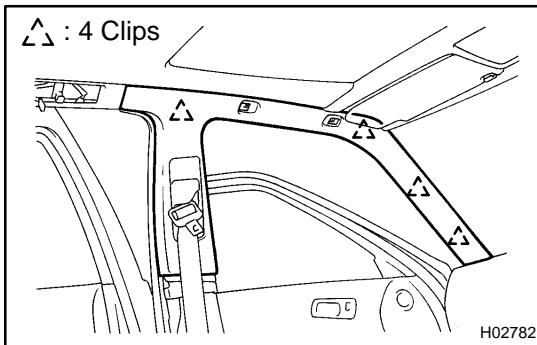
**17. REMOVE ROOF SIDE INNER GARNISH**

- (a) Remove the roof side inner garnish.

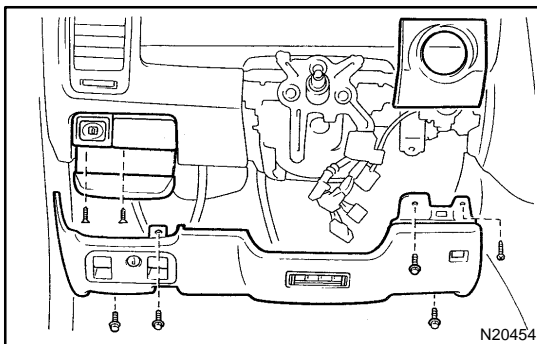
NOTICE:

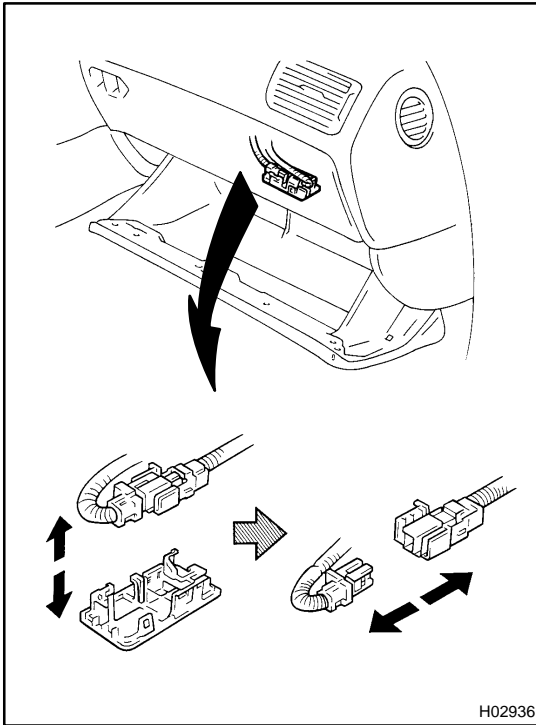
Paying enough attention remove the clip on the roof side inner garnish shown in the illustration. Otherwise, the roof side inner garnish or the front pillar garnish might be broken.

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

**18. REMOVE FRONT PILLAR GARNISH**

- (a) Remove the front seat outer belt shoulder anchor.
(b) Remove the front pillar garnish.
(c) Employ the same manner described above to the other side.

19. REMOVE STEERING COLUMN COVER**20. REMOVE STEERING WHEEL (See page [SR-12](#))****21. REMOVE PARKING BRAKE RELEASE LEVER****22. REMOVE HOOD LOCK RELEASE LEVER****23. REMOVE NO.1 UNDER COVER****24. REMOVE FINISH PLATE****25. REMOVE END PLATE, NO.1 SAFETY PAD AND COIN BOX****26. REMOVE NO.2 HEATER TO REGISTER DUCT****27. REMOVE NO.2 UNDER COVER**



28. REMOVE INSTRUMENT PANEL BOX ASSEMBLY (See page RS-29)

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

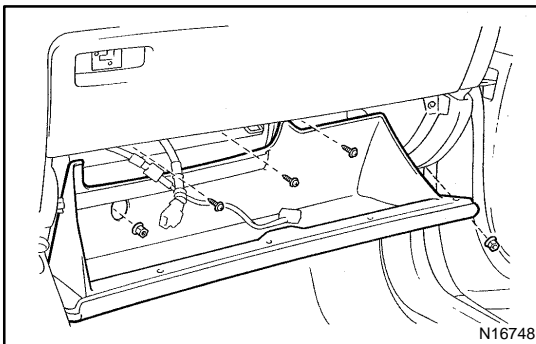
HINT:

Tape the screwdriver tip before use.

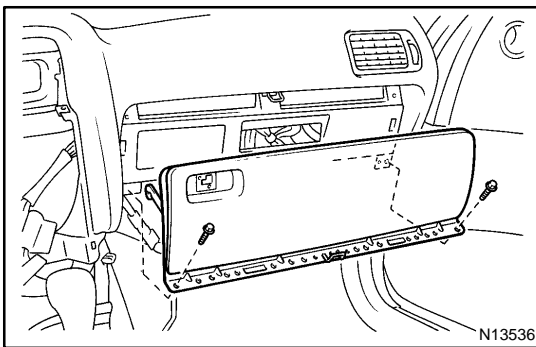
- (b) Remove the connector from the glove compartment door finish plate.
(c) Disconnect the airbag connector.

NOTICE:

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



- (d) Remove the 3 screws and 2 nuts.
(e) Disconnect the connector, remove the instrument panel box assembly.

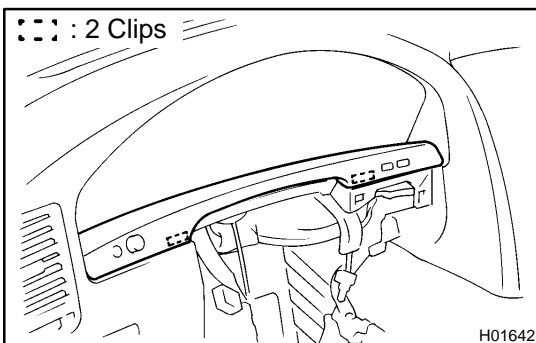


29. REMOVE GLOVE COMPARTMENT

- (a) Remove the 2 bolts and glove compartment door.
(b) Remove the 3 screws and glove compartment.

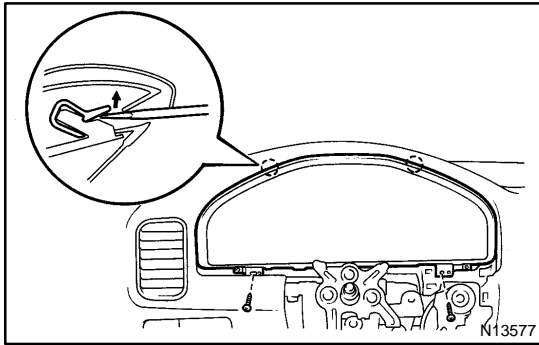
30. REMOVE STEERING COLUMN

(See page SR-12)



31. REMOVE UPPER CLUSTER FINISH PANEL

- (a) Using a screwdriver, remove the upper cluster finish panel.
(b) Disconnect the connectors.

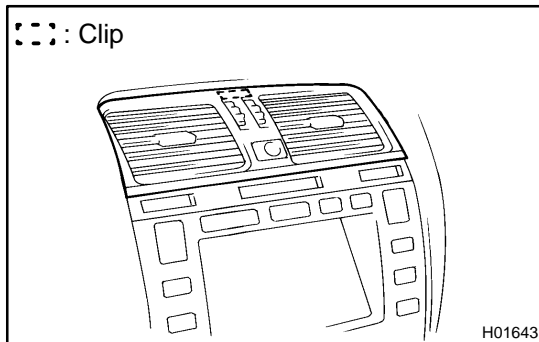
**32. REMOVE COMBINATION METER**

- (a) Remove the 2 screws.
- (b) Insert a screwdriver in the 2 clip holes, remove the combination meter.

HINT:

Tape the screwdriver tip before use.

- (c) Disconnect the connectors.

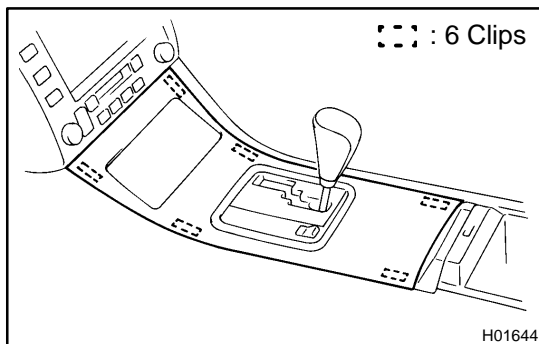
**33. REMOVE NO.2 REGISTER**

- (a) Using a screwdriver, remove the No.2 register as shown in the illustration.

HINT:

Tape the screwdriver tip before use.

- (b) Disconnect the connector.

**34. REMOVE CLUSTER FINISH PANEL**

- (a) Using a screwdriver, remove the cluster finish panel.

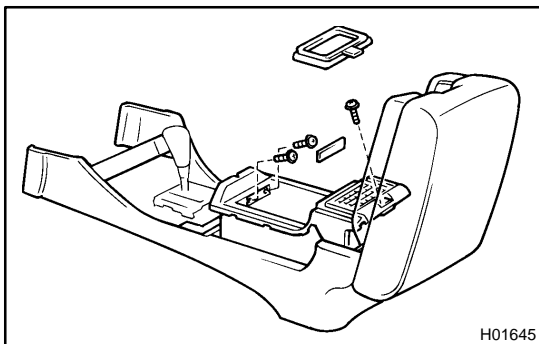
HINT:

Tape the screwdriver tip before use.

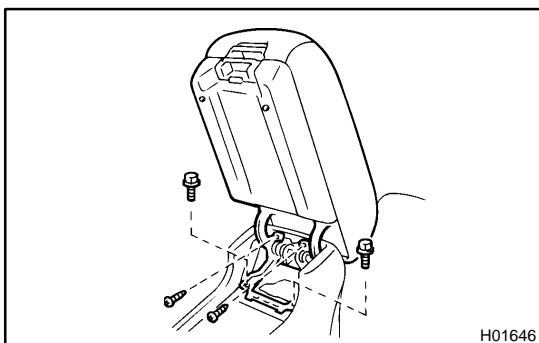
- (b) Disconnect the connector.

35. REMOVE THESE PARTS:

- (a) Radio with A/C control assembly
- (b) Cup holder

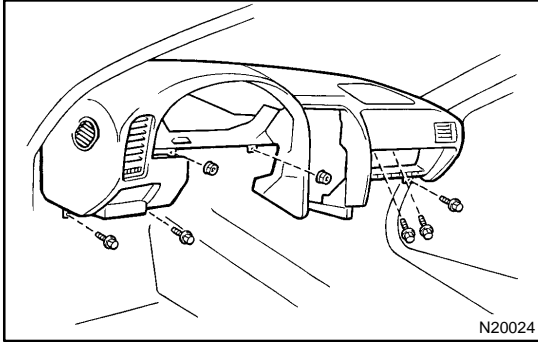
**36. REMOVE LOWER REAR CONSOLE BOX**

- (a) Remove the lower console cover.
- (b) Remove the rear console cover.
- (c) Disconnect the connector.
- (d) Remove the 3 screws and lower rear console box.

**37. REMOVE REAR CONSOLE ARMREST**

- (a) Remove the No.3 console box duct.
- (b) Remove the 2 bolts, 2 screws and rear console armrest.

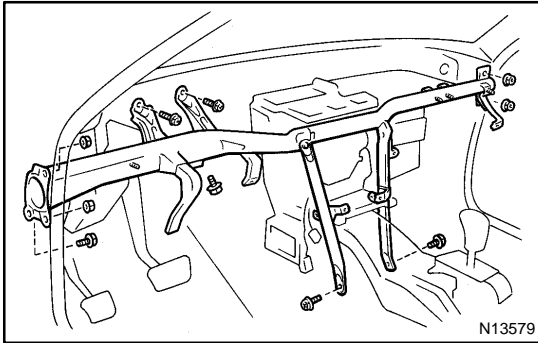
38. REMOVE CONSOLE BOX

**39. REMOVE INSTRUMENT PANEL**

- (a) Remove the 2 bolts from the front passenger airbag assembly.

Torque: 21 N·m (210 kgf-cm, 15 ft-lbf)

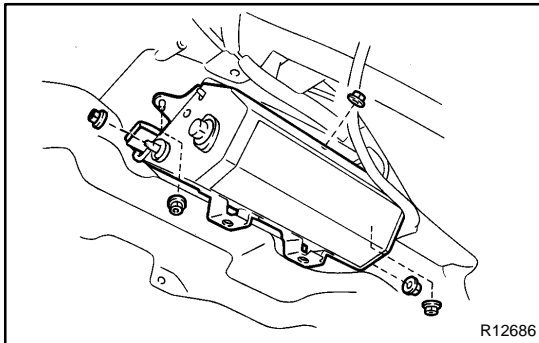
- (b) Remove the 3 bolts and 2 nuts.
(c) Disconnect the connectors.
(d) Remove the instrument panel.

**40. REMOVE INSTRUMENT PANEL REINFORCEMENT**

- (a) Remove the 4 nuts and 6 bolts.
(b) Remove the instrument panel reinforcement.

DISASSEMBLY

1. REMOVE NO.1 DEFROSTER NOZZLE GARNISH
2. REMOVE NO.2 SIDE DEFROSTER NOZZLE DUCT
3. REMOVE NO.1 SIDE DEFROSTER NOZZLE DUCT
4. REMOVE DEFROSTER NOZZLE ASSEMBLY



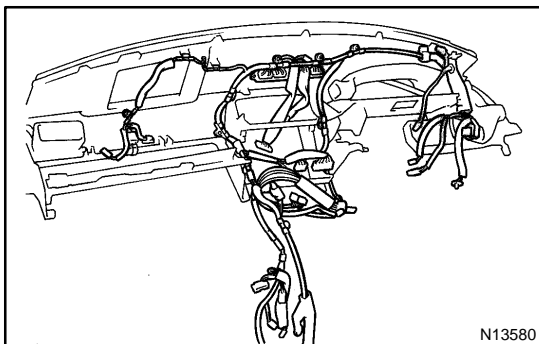
5. REMOVE FRONT PASSENGER AIRBAG ASSEMBLY
(See page [RS-29](#))

Remove the 5 nuts, front passenger airbag assembly and front passenger airbag door.

CAUTION:

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

6. REMOVE NO.3 HEATER TO REGISTER DUCT
7. REMOVE SOLAR SENSOR



8. REMOVE INSTRUMENT PANEL WIRE HARNESS
9. REMOVE GLOVE COMPARTMENT DOOR LOCK STRIKER PLATE
10. REMOVE NO.3 FINISH PANEL MOUNTING BRACKET
11. REMOVE NO.1 SIDE DEFROSTER NOZZLE
12. REMOVE NO.2 SIDE DEFROSTER NOZZLE
13. REMOVE NO.1 HEATER TO REGISTER DUCT
14. REMOVE NO.4 FINISH PANEL MOUNTING BRACKET
15. REMOVE NO.1 REGISTER ASSEMBLY
16. REMOVE NO.3 REGISTER ASSEMBLY

REASSEMBLY

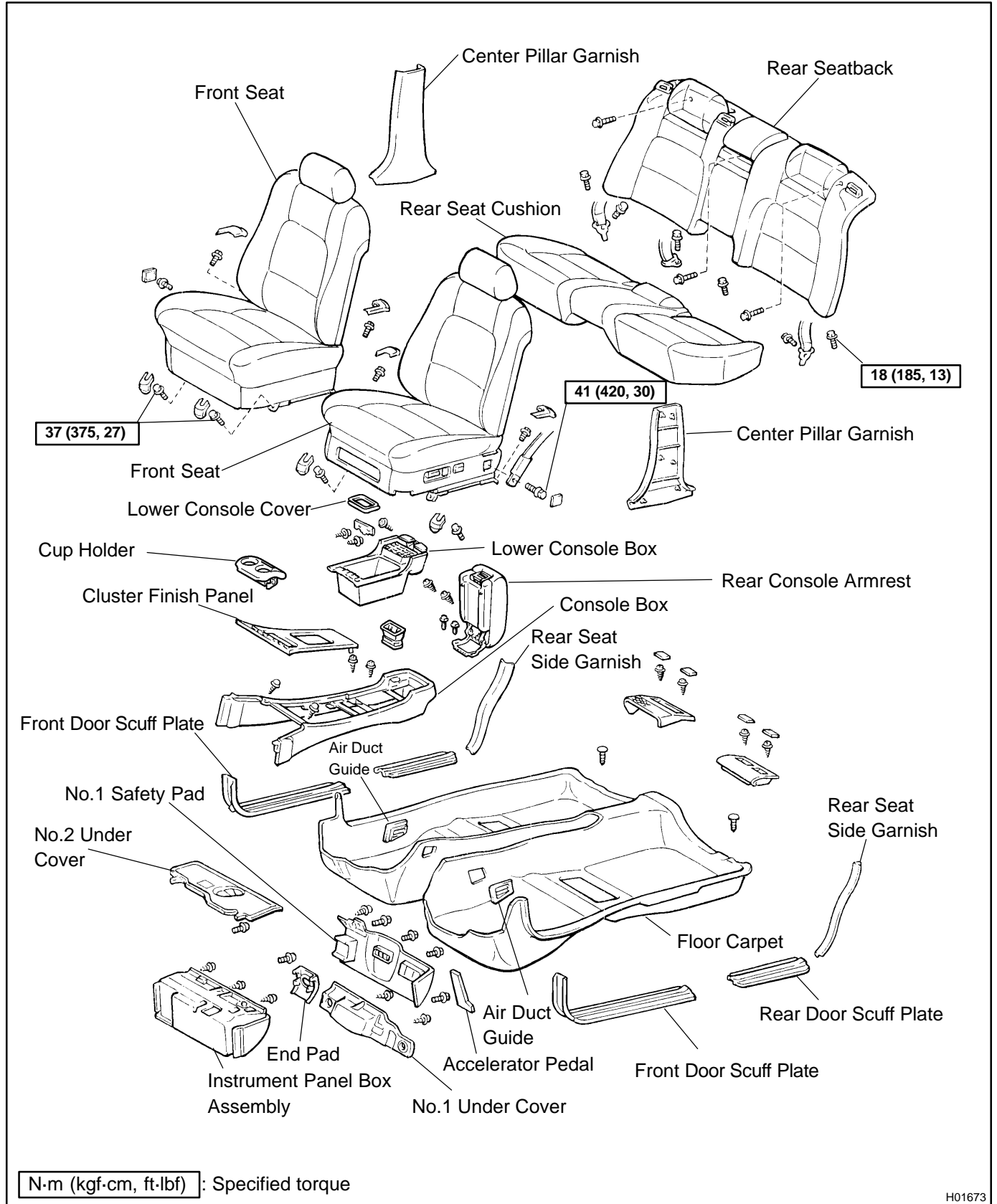
Reassembly is in the reverse order of disassembly (See page [BO-88](#)).

INSTALLATION

Installation is in the reverse order of removal (See page [BO-83](#)).

FLOOR CARPET COMPONENTS

BO0P9-01

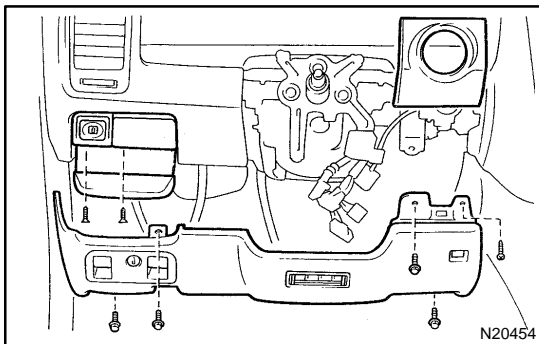


H01673

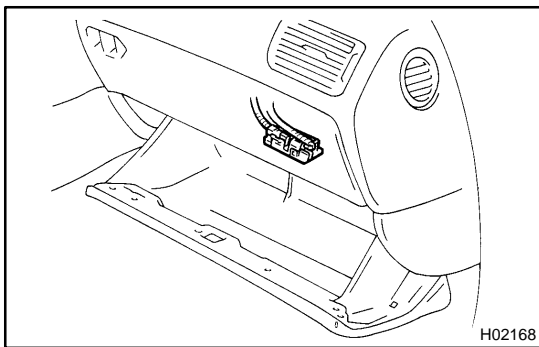
REMOVAL

1. REMOVE THESE PARTS:

- (a) Front seat
Torque: 37 N·m (375 kgf-cm, 27 ft-lbf)
- (b) Rear seat cushion
- (c) Rear seat belt lower side bolt
Torque: 41 N·m (420 kgf-cm, 30 ft-lbf)
- (d) Rear seatback
Torque: 18 N·m (185 kgf-cm, 13 ft-lbf)
- (e) Front door scuff plates
- (f) Rear door scuff plates
- (g) Rear seat side garnishes
- (h) Center pillar garnishes



- (i) No.1 under cover
- (j) Finish plate
- (k) End pad
- (l) No.1 safety pad
- (m) No.2 under cover



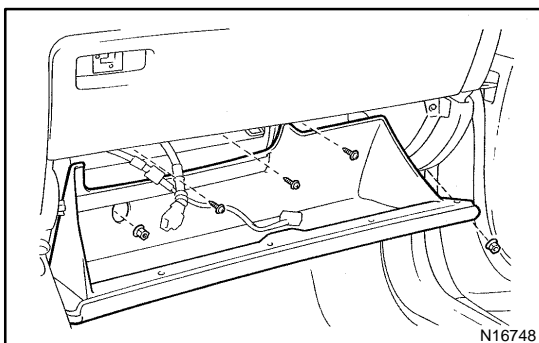
2. REMOVE INSTRUMENT PANEL BOX ASSEMBLY

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

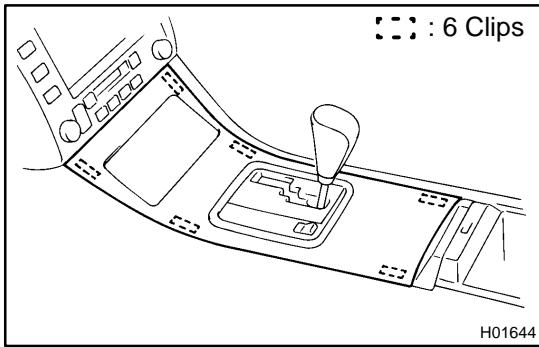
HINT:

Tape the screwdriver tip before use.

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



- (c) Remove the 3 screws and 2 nuts.
- (d) Disconnect the connector, remove the instrument panel box assembly.

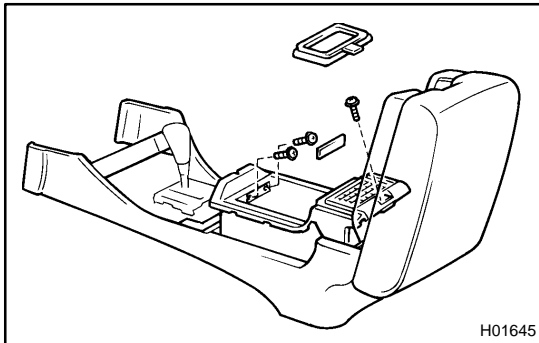
**3. REMOVE CLUSTER FINISH PANEL**

- (a) Using a screwdriver, remove the cluster finish panel.

HINT:

Tape the screwdriver tip before use.

- (b) Disconnect the connector.

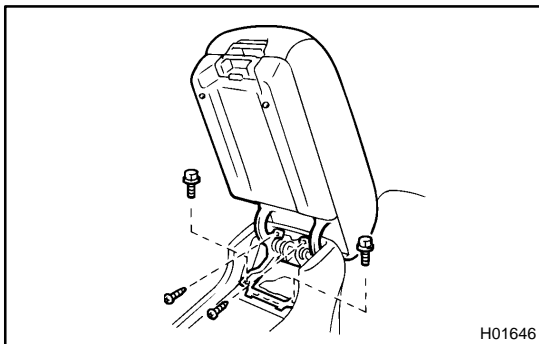
4. REMOVE CUP HOLDER**5. REMOVE LOWER REAR CONSOLE BOX**

- (a) Remove the lower console cover.

- (b) Remove the rear console cover.

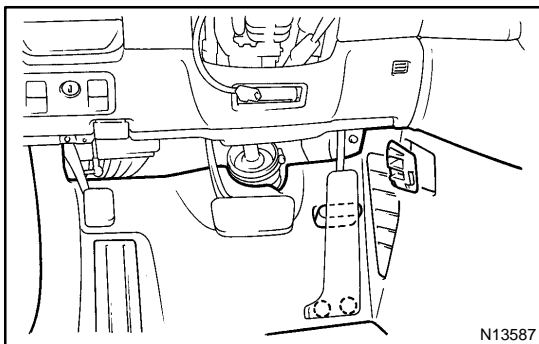
- (c) Disconnect the connector.

- (d) Remove the 3 screws and lower rear console box.

**6. REMOVE REAR CONSOLE ARMREST**

- (a) Remove the No.3 console box duct.

- (b) Remove the 2 bolts, 2 screws and rear console armrest.

7. REMOVE CONSOLE BOX**8. REMOVE FLOOR CARPET**

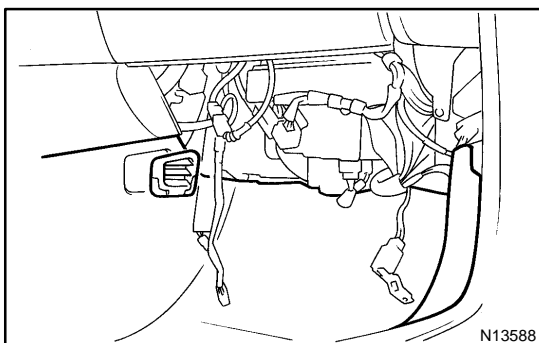
- (a) Observe the following items.(Driver's side)

- (1) Remove the heater air duct guide.

- (2) Pull out the accelerator pedal.

- (3) Raise the carpet and disconnect the hook.

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

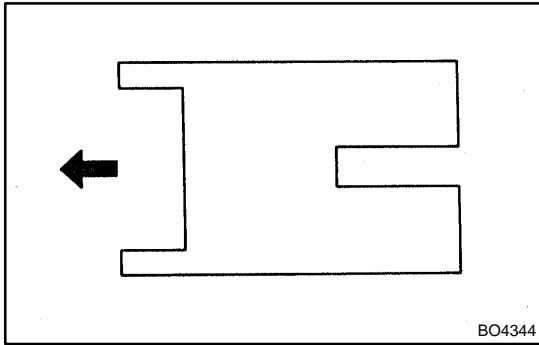


- (b) Observe the following items.(Passenger's side)

- (1) Remove the heater air duct guide.

- (2) Raise the carpet and disconnect the hook.

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



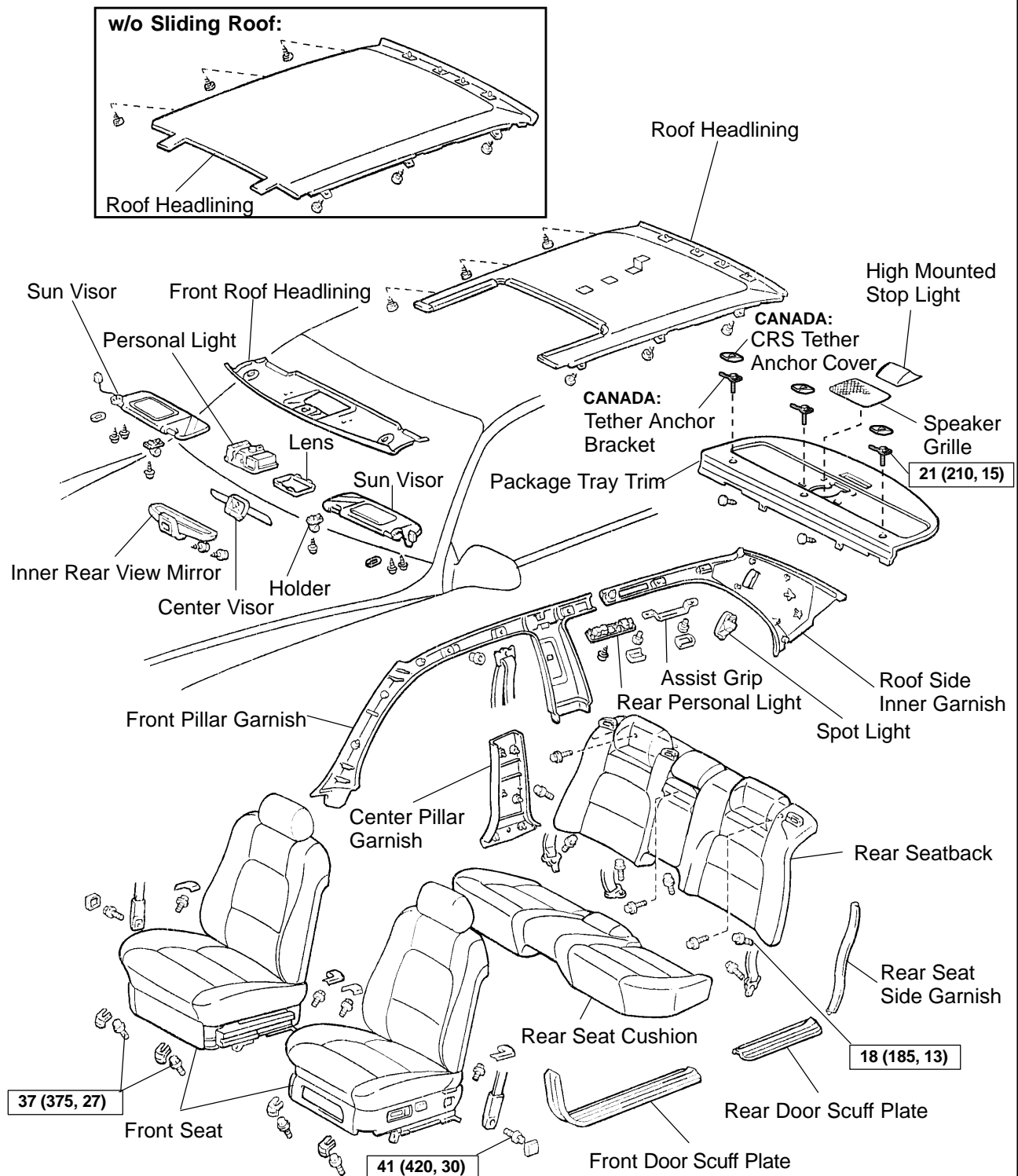
(c) Slide the carpet backward and remove it.

INSTALLATION

Installation is in the reverse order of removal (See page [BO-92](#)).

ROOF HEADLINING COMPONENTS

B00PC-02



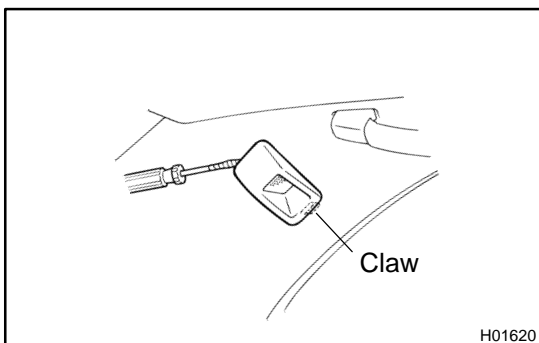
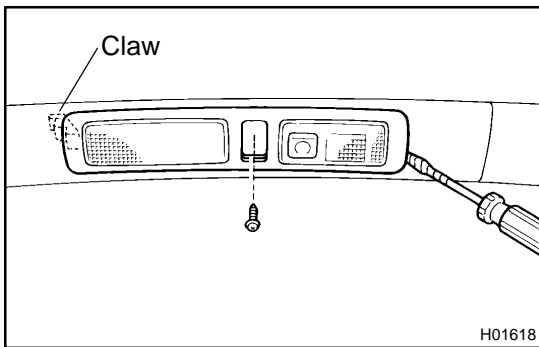
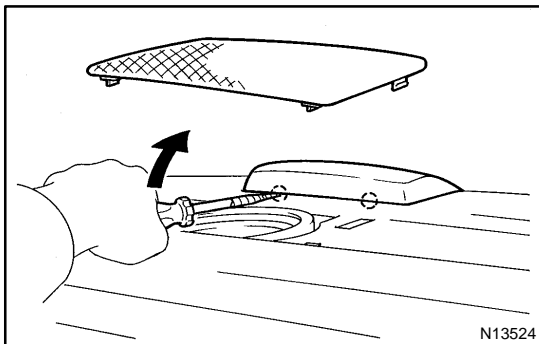
T

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

H10143

REMOVAL

1. REMOVE FRONT SEAT
Torque: 37 N·m (375 kgf-cm, 27 ft-lbf)
2. REMOVE REAR SEAT CUSHION
3. REMOVE REAR SEAT BELT FLOOR ANCHORS
Torque: 43 N·m (440 kgf-cm, 32 ft-lbf)
4. REMOVE REAR SEATBACK
Torque: 18 N·m (185 kgf-cm, 13 ft-lbf)
5. REMOVE FRONT DOOR SCUFF PLATES
6. REMOVE REAR DOOR SCUFF PLATES
7. REMOVE REAR SEAT SIDE GARNISHES



8. REMOVE HIGH-MOUNTED STOP LIGHT
9. REMOVE SPEAKER GRILLE
10. CANADA:
REMOVE CRS TETHER ANCHOR COVERS AND TETHER ANCHOR BRACKETS
Torque: 21 N·m (210 kgf-cm, 15 ft-lbf)
11. REMOVE CRS TETHER ANCHOR COVERS AND PACKAGE TRAY TRIM
12. REMOVE ASSIST GRIPS
13. REMOVE CENTER PILLAR GARNISHES
14. REMOVE REAR PERSONAL LIGHT
 - (a) Remove the screw.
 - (b) Using a screwdriver, remove the light as shown in the illustration.

HINT:

Tape the screwdriver tip before use.

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

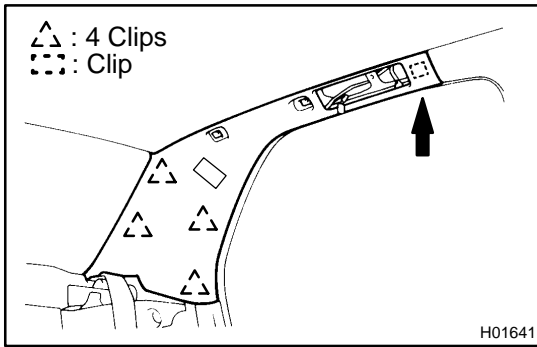
15. REMOVE SPOT LIGHT

- (a) Using a screwdriver, remove the light as shown in the illustration.

HINT:

Tape the screwdriver tip before use.

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

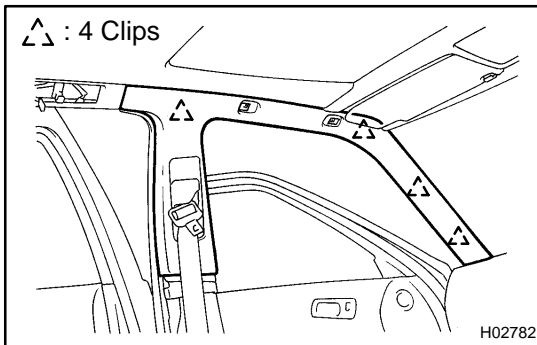
**16. REMOVE ROOF SIDE INNER GARNISH**

- (a) Remove the roof side inner garnish.

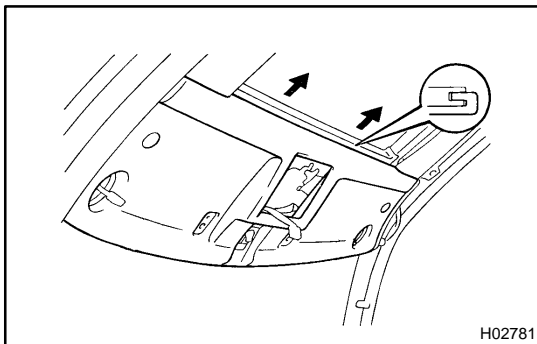
NOTICE:

Paying enough attention remove the clip on the roof side inner garnish shown in the illustration. Otherwise, the roof side inner garnish or the front pillar garnish might be broken.

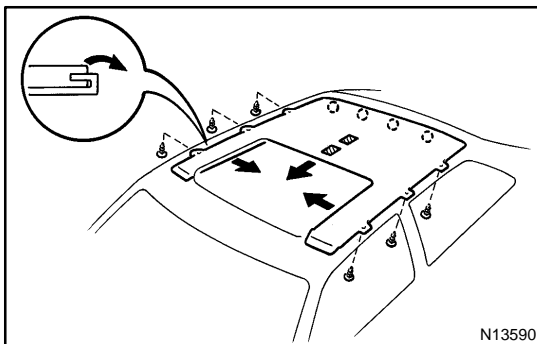
- (b) Employ the same manner described above to the other side.

**17. REMOVE FRONT PILLAR GARNISH**

- (a) Remove the front seat outer belt shoulder anchor.
(b) Remove the front pillar garnish.
(c) Employ the same manner described above to the other side.

18. REMOVE SUN VISORS AND HOLDERS**19. REMOVE PERSONAL LIGHT****20. REMOVE CENTER VISOR****21. REMOVE INNER REAR VIEW MIRROR****22. REMOVE FRONT ROOF HEADLINING AND ROOF HEADLINING**

- (a) Pull the headlining backward and remove the front roof headlining.



- (b) Pull out the portion fitting around the sliding roof.
(c) Using a clip remover, remove the 10 clips and release the fastener tapes, then remove the headlining.

NOTICE:

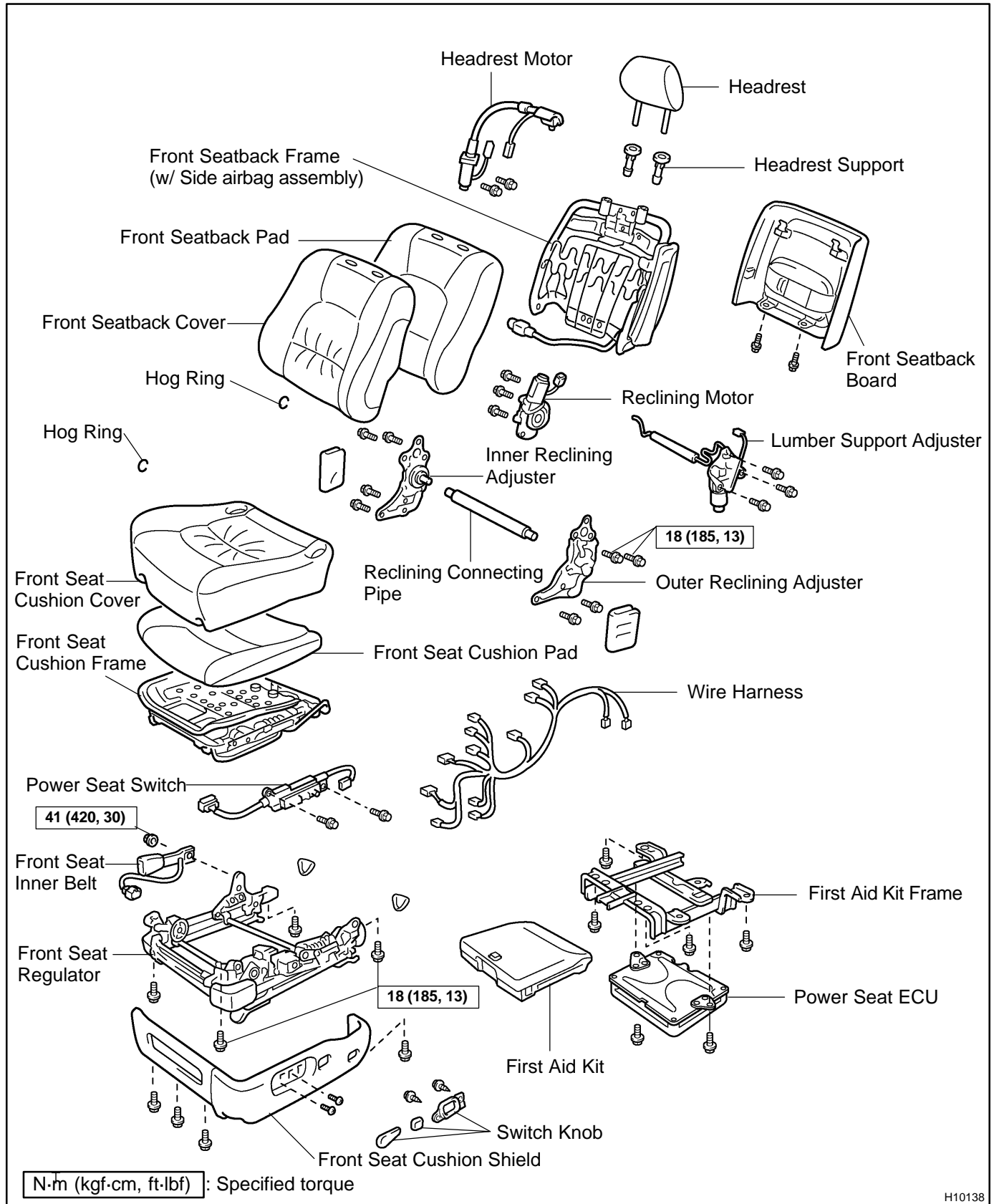
Do not fold down the headlining.

INSTALLATION

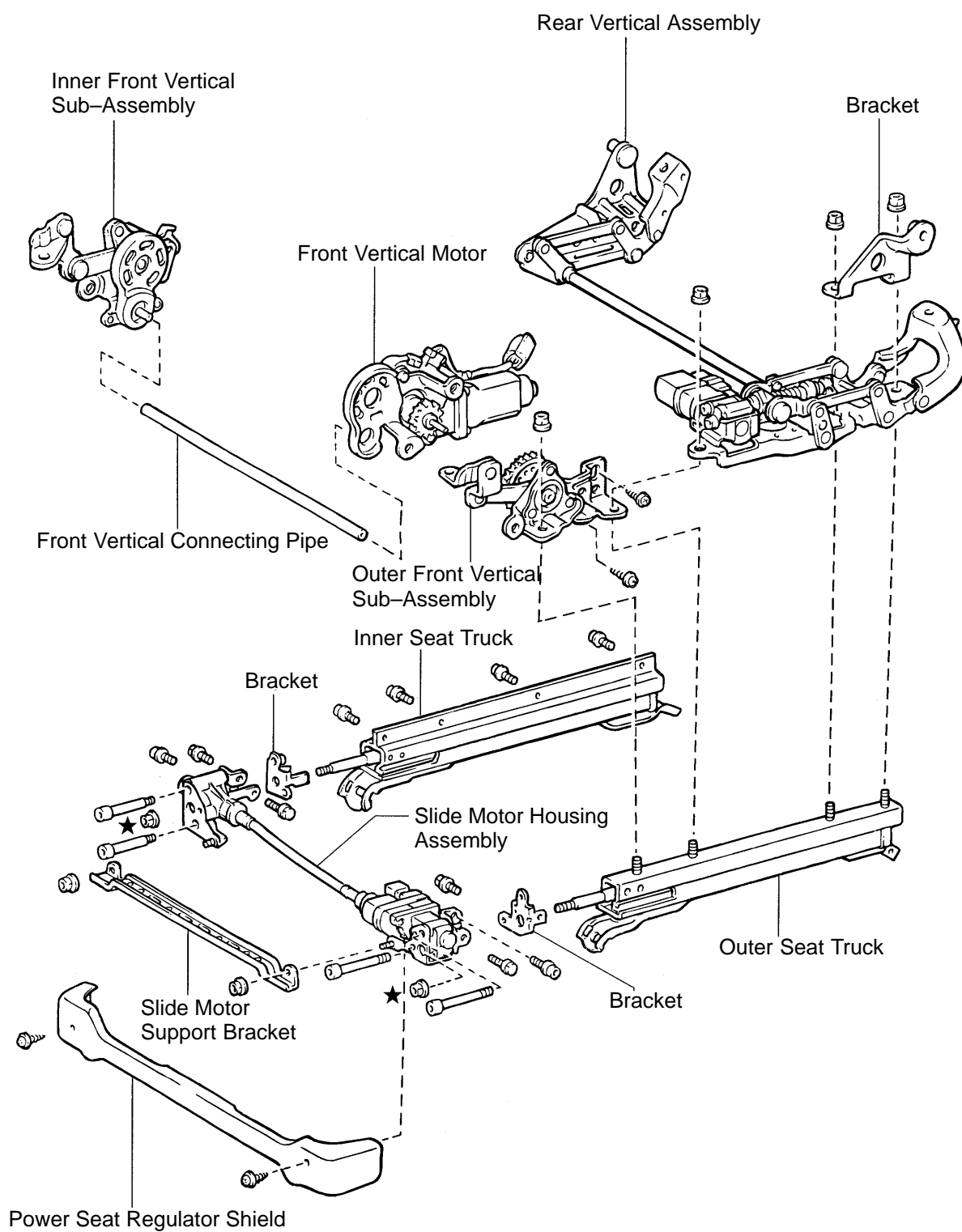
Installation is in the reverse order of removal (See page [BO-97](#)).

FRONT SEAT COMPONENTS

B00PF-02



H10138



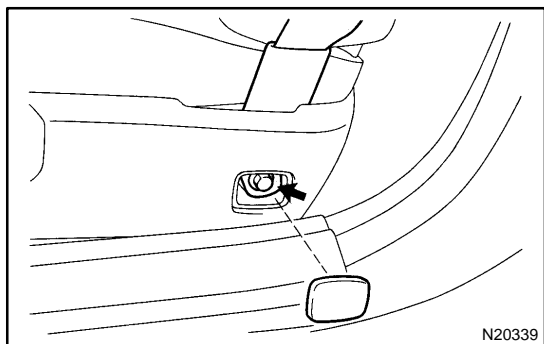
◆ Precoated part

N20456

REMOVAL

1. w/o Power Headrest: REMOVE HEADREST

While pushing the lock button, pull up the headrest to remove it.



2. REMOVE FRONT SEAT OUTER BELT FLOOR ANCHOR

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

HINT:

Tape the screwdriver tip before use.

- (b) Remove the front seat outer belt floor anchor.

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

3. REMOVE SEAT TRACK COVER

Using a screwdriver, pry out the 4 covers.

HINT:

Tape the screwdriver tip before use.

4. REMOVE FRONT SEAT

- (a) Remove the 4 bolts.

Torque: 37 N·m (375 kgf-cm, 27 ft-lbf)

- (b) Disconnect the connectors.

DISASSEMBLY

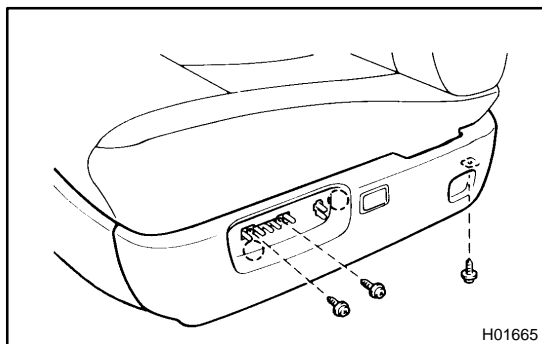
1. REMOVE FIRST AID KIT

2. REMOVE FRONT SEAT CUSHION SHIELD

- (a) Using a screwdriver, remove the 2 switch knobs.

HINT:

Tape the screwdriver tip before use.



- (b) Remove the 3 screws from the outside of cushion shield.
 (c) Remove the 3 screws from the front side of cushion shield.
 (d) Remove the cushion shield, then disconnect the connectors.
 (e) Remove the 2 screws and lumbar support switch from cushion shield.

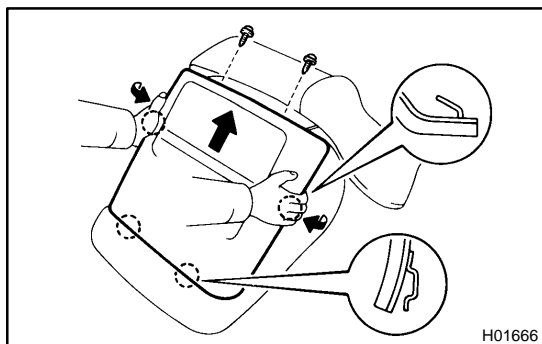
3. REMOVE FRONT SEAT INNER BELT

Disconnect the connector, then remove the bolts and inner belt.

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

4. REMOVE FRONT SEATBACK BOARD

- (a) Remove the 2 screws.
 (b) Push the board as shown in the illustration with your hands.
 (c) Slide the board upward to remove it.



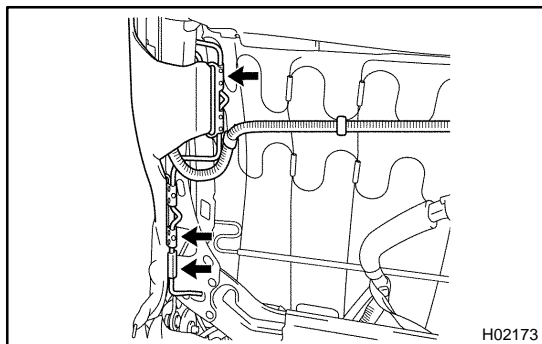
5. REMOVE SEATBACK ASSEMBLY

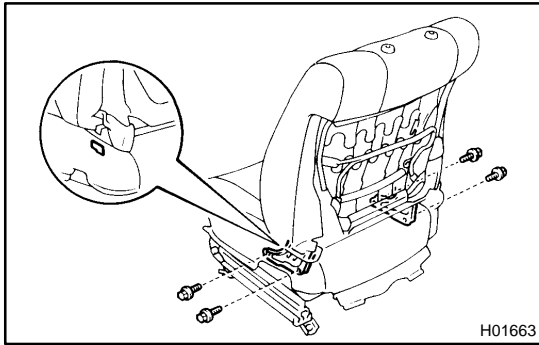
- (a) Remove the 2 yellow hooks and a black hook at the position shown in the illustration.

CAUTION:

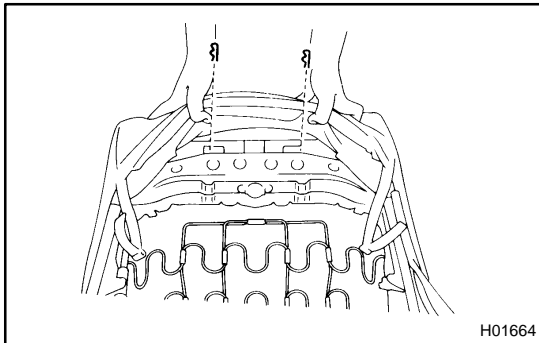
At the time of assembly, please refer to the following item. Hang the seat cover hook securely to the fitting, or the side airbag does not operate correctly.

- (b) Remove the 2 clamps from wire harness of side airbag installed under the seat, then pull out the wire harness.
 (c) Remove the side airbag connector from the bracket under the seat.





- (d) Remove the 4 bolts and seatback assembly.
Torque: 18 N·m (185 kgf-cm, 13 ft-lbf)



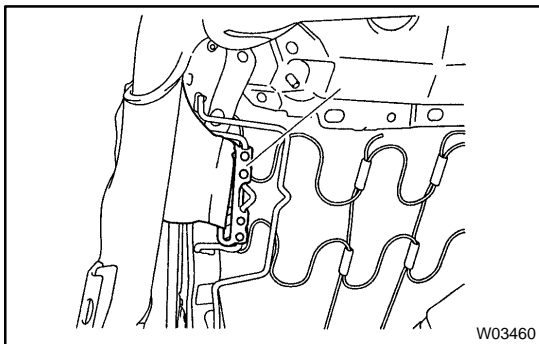
**6. w/ Power Headrest:
 REMOVE HEADREST**

- (a) Remove the hog rings from the seatback assembly.
 (b) Using a screwdriver, remove the 2 pins shown in the illustration.

HINT:

After the headrest has been removed, install the pins to the adjuster temporarily.

- (c) Remove the headrest from the seatback assembly.



7. REMOVE SEATBACK COVER

- (a) Remove the hook.
 The position shown in the illustration is made to be hold by installing the side airbag assembly with the hook shown as "A" hung onto the seat frame.

CAUTION:

At the time of assembly, please refer to the following item. Take care to hung the hook securely. Otherwise the seat cover slides, it might cause incorrect deploying.

- (b) Remove the seatback frame from the seatback cover with pad.
 (c) Remove the seatback cover from the seatback pad.

8. REMOVE LUMBER SUPPORT ADJUSTER

9. REMOVE RECLINING MOTOR

10. REMOVE INNER RECLINING ADJUSTER

11. REMOVE RECLINING CONNECTING PIPE

12. REMOVE OUTER RECLINING ADJUSTER

13. REMOVE HEADREST MOTOR

14. REMOVE SEAT CUSHION ASSEMBLY

Remove the 4 bolts and seat cushion assembly.

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

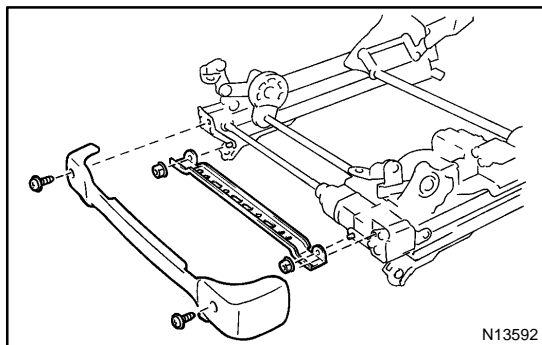
15. REMOVE SEAT CUSHION COVER

- (a) Remove the seat cushion frame from the seat cushion cover with pad.
 (b) Remove the power seat switch from the seatback frame.
 (c) Remove the seat cushion cover from the seat cushion pad.

16. REMOVE POWER SEAT ECU

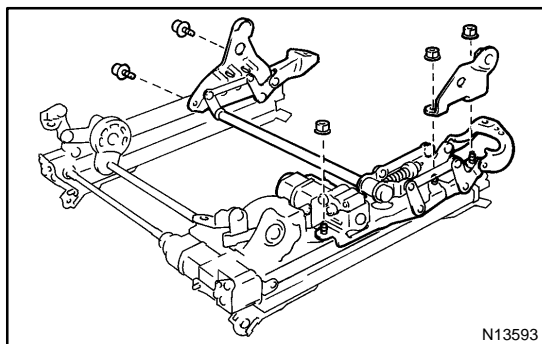
17. REMOVE FIRST AIDE KIT FRAME

18. REMOVE WIRE HARNESS



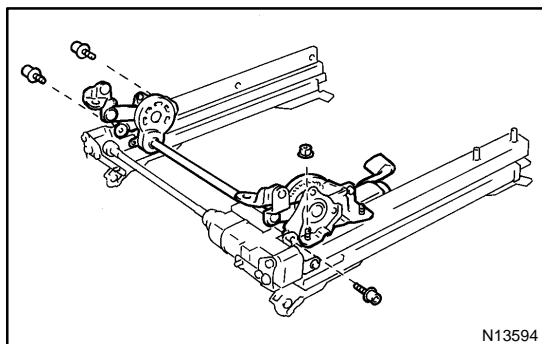
19. REMOVE POWER SEAT REGULATOR SHIELD AND SLIDE MOTOR SUPPORT BRACKET

- (a) Remove the 2 screws and regulator shield.
- (b) Remove the 2 nuts and support bracket.



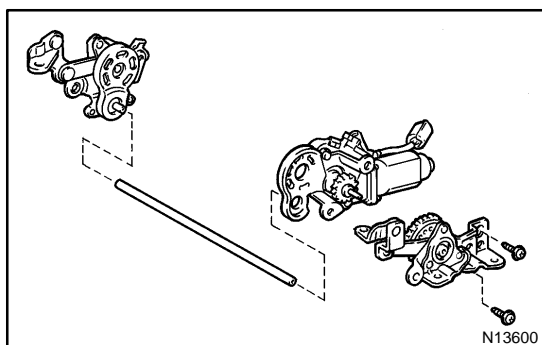
20. REMOVE REAR VERTICAL ASSEMBLY

- (a) Remove the 2 bolts from the rear vertical assembly inner side.
- (b) Remove the 3 nuts and bracket from the rear vertical assembly outer side.
- (c) Remove the rear vertical motor assembly.

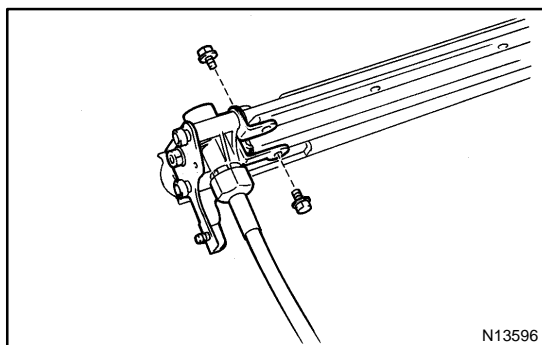


21. REMOVE FRONT VERTICAL ASSEMBLY

- (a) Using a torx wrench, remove the 3 screws.
- (b) Remove the nut and front vertical assembly.

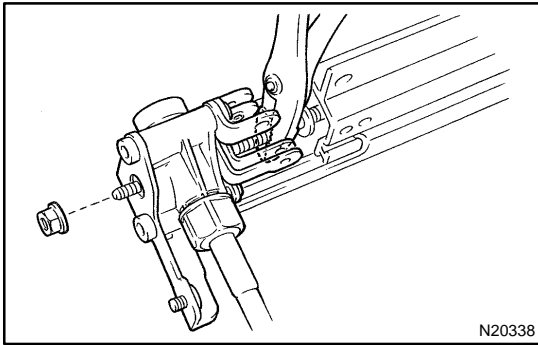


- (c) Remove the inner front vertical sub-assembly, outer front vertical sub-assembly, front vertical motor and front vertical connecting pipe.



22. REMOVE SLIDE MOTOR HOUSING ASSEMBLY

- (a) Remove the 2 bolts from the inner seat track.



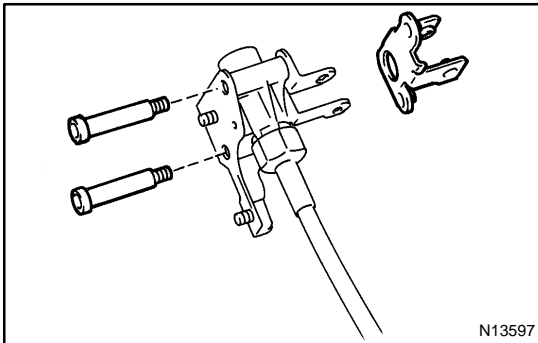
- (b) Move the upper rail rearward and hold the screw shaft with pliers.

- (c) Remove the nut.

HINT:

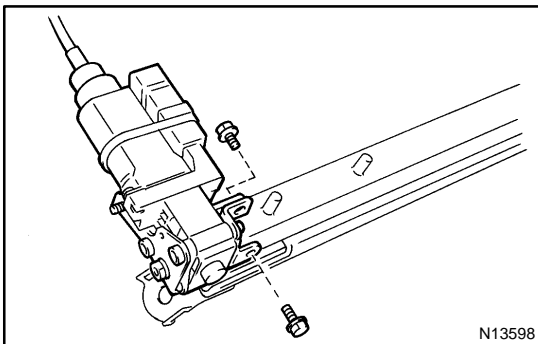
At the time of reassembly, please refer to the following item.
Apply adhesive to 3 screws.

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



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

- (e) Remove the inner bracket from the slide motor housing assembly.



- (f) Remove the 2 bolts from the outer set track.

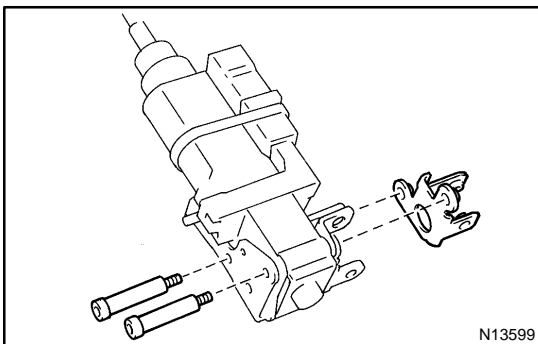
- (g) Move the upper rail rearward and hold the screw shaft with pliers.

- (h) Remove the nut and washer.

HINT:

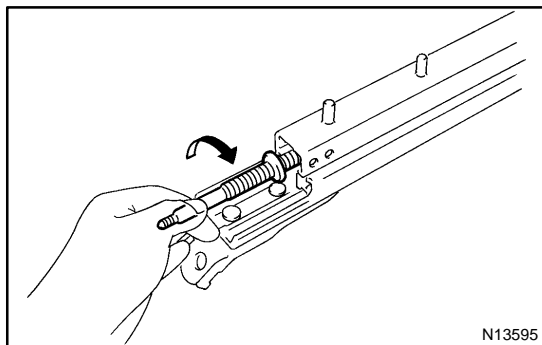
At the time of reassembly, please refer to the following item.
Apply adhesive to nut.

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



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

- (j) Remove the outer bracket from the slide motor housing assembly.



ADJUSTMENT

ADJUST FRONT SEAT ADJUSTER

- (a) Adjust the seat track screw shaft.
Fully hand-tighten the screw shafts of the outer and inner seat tracks.
- (b) Adjust the front vertical sub-assembly.
Align the match marks of outer and inner front vertical sub-assemblies.

REASSEMBLY

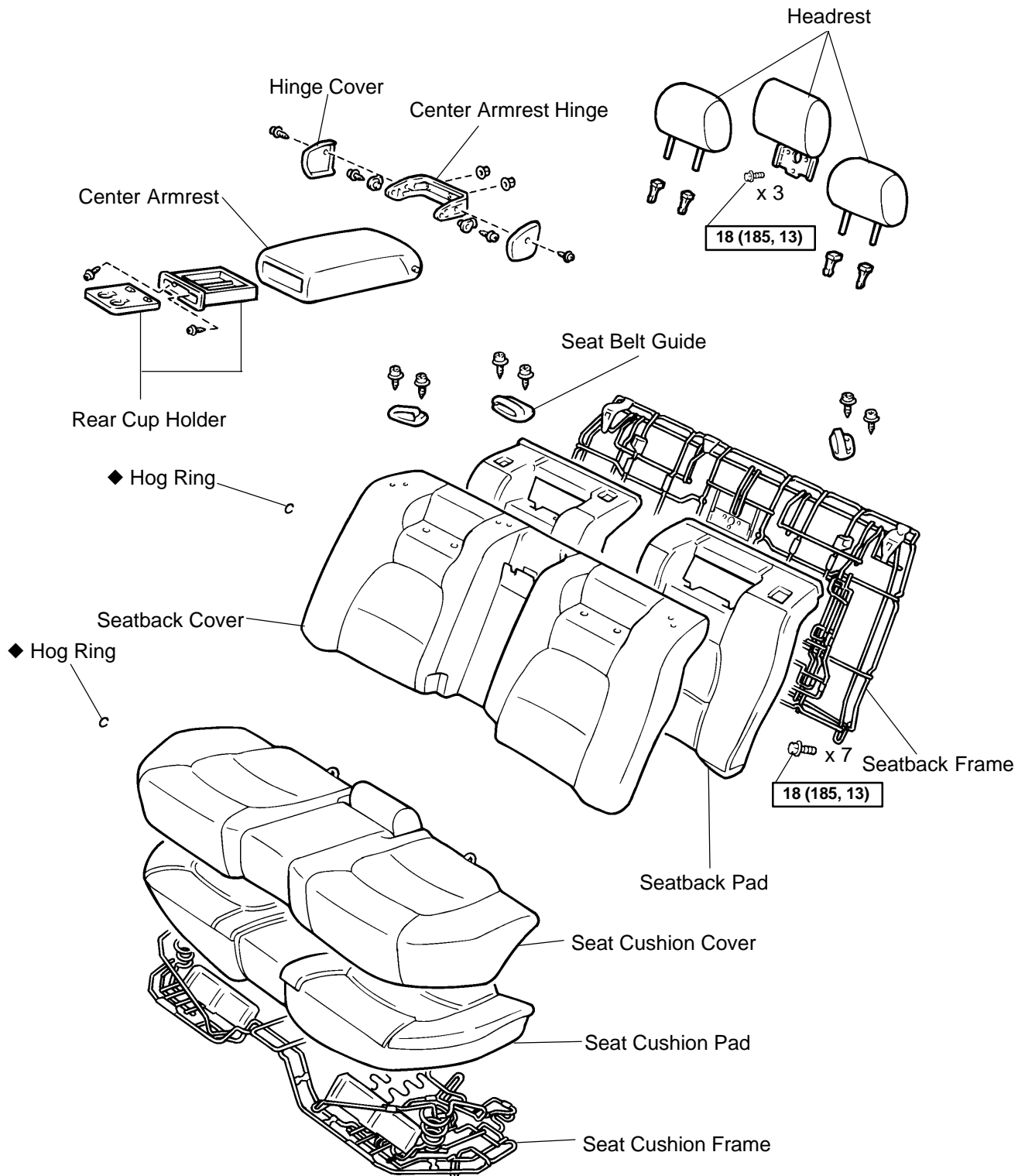
Reassembly is in the reverse order of disassembly (See page [BO-103](#)).

INSTALLATION

Installation is in the reverse order of removal (See page [BO-102](#)).

REAR SEAT COMPONENTS

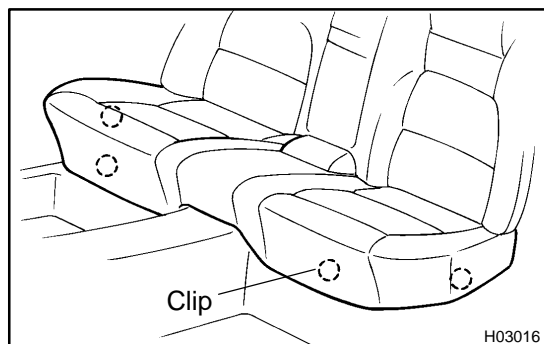
B00PL-01



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

◆ Non-reusable part

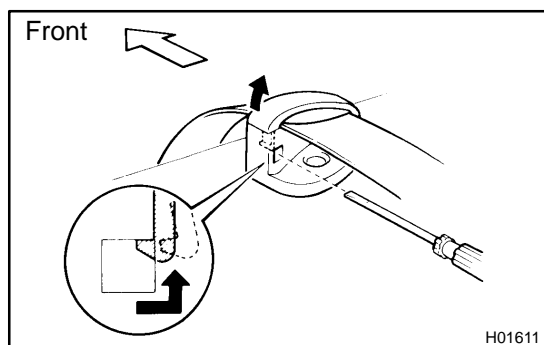
H01675



REMOVAL

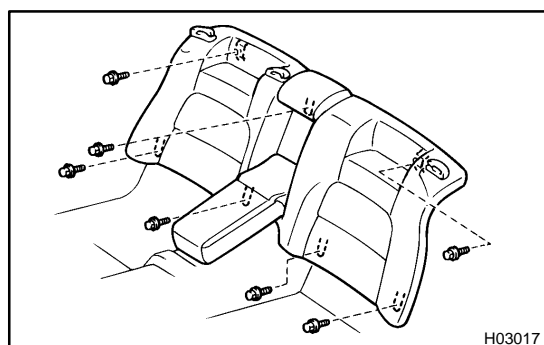
1. REMOVE SEAT CUSHION ASSEMBLY

Remove the seat cushion assembly.



2. REMOVE SEATBACK ASSEMBLY

- (a) Using a screwdriver, remove the rear seat belt from the belt guide as shown in the illustration.
- (b) Remove the LH and RH headrests.



- (c) Remove the 7 bolts, then raise the seatback assembly upward to remove the seatback assembly.

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

DISASSEMBLY

1. REMOVE BELT GUIDE

Remove the 6 screws and 3 belt guides.

2. REMOVE SEATBACK COVER

- (a) Remove the 3 bolts and center headrest.
- (b) Remove the 4 headrest supports.
- (c) Remove the 2 nuts and center armrest assembly.
- (d) Remove the hog rings and seatback frame from the seatback cover with pad.
- (e) Remove the hog rings and seatback cover from the seatback pad.

3. REMOVE SEAT CUSHION COVER

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

REASSEMBLY

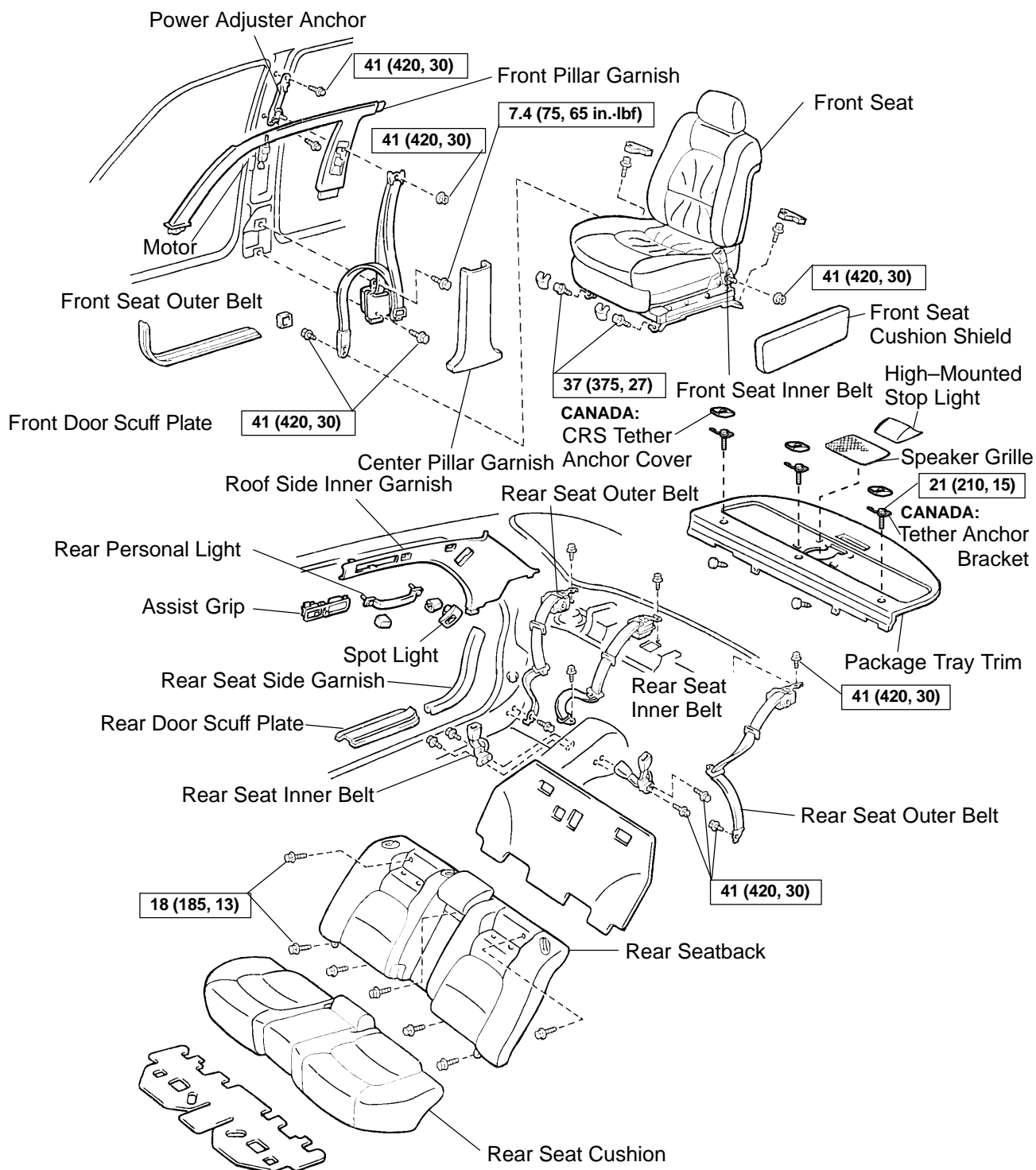
Reassembly is in the reverse order of disassembly (See page [BO-112](#)).

INSTALLATION

Installation is in the reverse order of removal (See page [BO-111](#)).

SEAT BELT COMPONENTS

B00PQ-02



T

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

H10144

INSPECTION

CAUTION:

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

1. All Seat Belt Type:

RUNNING TEST (IN SAFE AREA)

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

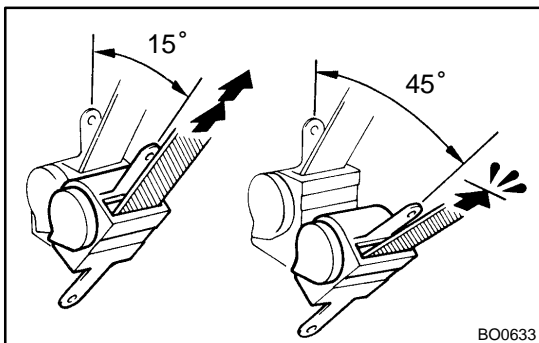
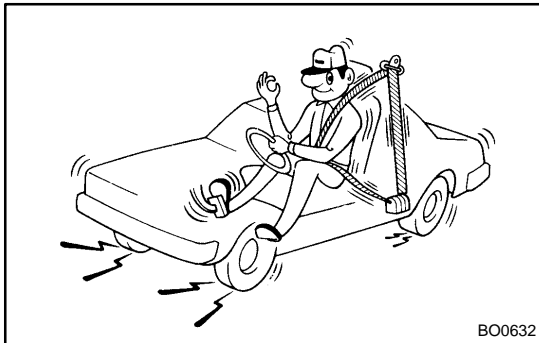
HINT:

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

2. Front 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. Rear Seat Belt (ALR/ELR):

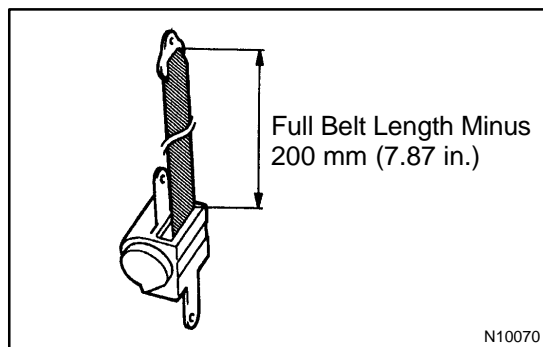
STATIC TEST

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

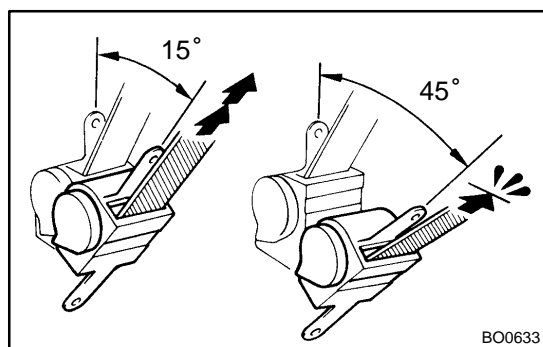
Then retract the belt slightly and pull it out again

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

If a problem is found, replace the assembly.



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



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

If a problem is found, replace the assembly.

SEAT BELT PRETENSIONER REMOVAL

BOOPS-01

NOTICE:

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

1. REMOVE THESE PARTS:

- (a) Front door scuff plate
- (b) Rear door scuff plate
- (c) Center pillar garnish

2. REMOVE FRONT SEAT OUTER BELT**CAUTION:**

Never disassemble the front seat outer belt.

NOTICE:

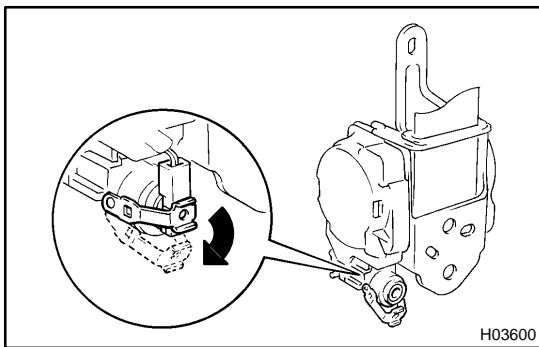
When removing the front outer seat belt, take care not to pull the seat belt pretensioner wire harness.

- (a) Remove the bolts and floor anchor.
- (b) Using a screwdriver, remove the anchor caps.

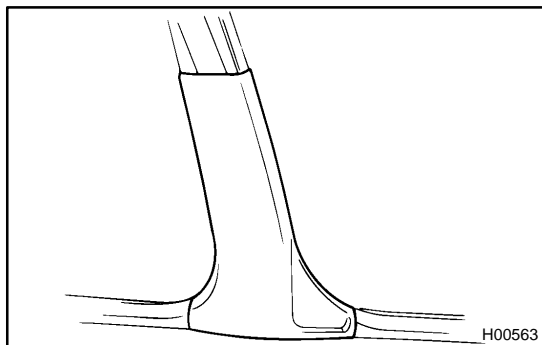
HINT:

Tape the screwdriver tip before use.

- (c) Remove the bolt and shoulder anchor.



- (d) Disconnect the pretensioner connector as shown in the illustration.
- (e) w/ Seat Belt Warning:
Disconnect the retractor switch connector.
- (f) Remove the 2 bolts and front seat outer belt.



H00563

INSPECTION

1. PRETENSIONER IS NOT ACTIVATED

- (a) Perform a diagnostic system check.
(See page [DI-459](#))
- (b) Perform a visual check which includes the following items with the front seat outer belt removed from the vehicle.
 - ◆ Check for cuts and cracks in, or marked discoloration of the center pillar lower garnish.
 - ◆ Check for cuts and cracks in wire harnesses, and for chipping in connectors.
 - ◆ Check for deformation of the center pillar.

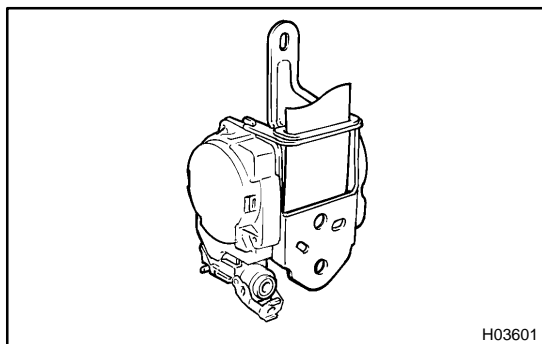
CAUTION:

For removal and installation of the front seat outer belt, see page [BO-118](#) and [BO-126](#).

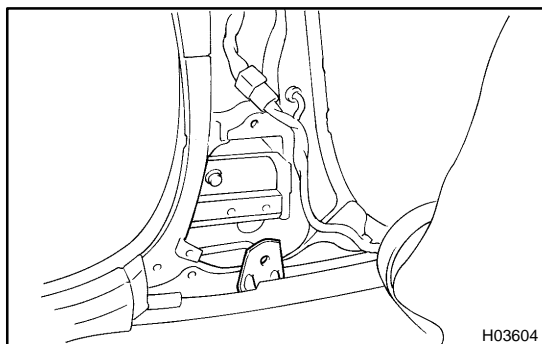
Be sure to follow the correct procedure.

2. PRETENSIONER IS ACTIVATED

- (a) Perform a diagnostic system check.
(See page [DI-459](#))
- (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.



H03601

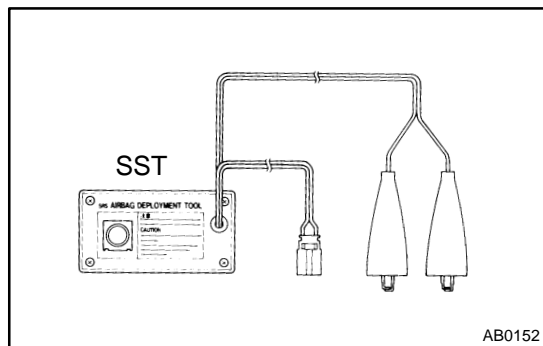


H03604

DISPOSAL

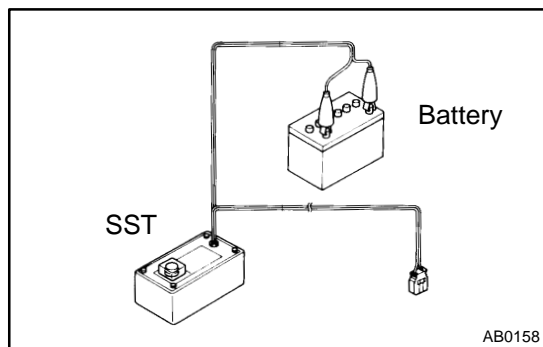
HINT:

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



CAUTION:

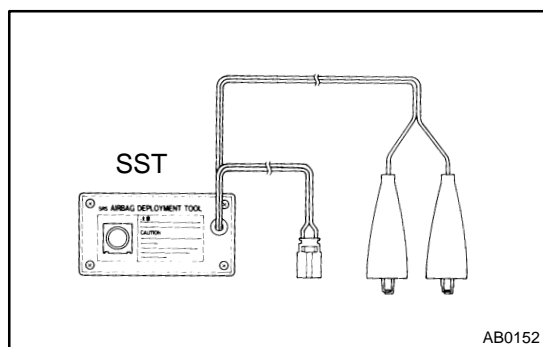
- ◆ Never dispose of front seat outer belt which has inactivated pretensioner.
- ◆ The seat belt pretensioner produces a sizeable exploding sound when it activates, so perform the operation out-of-door and where it will not create a nuisance to nearby residents.
- ◆ When activating the seat belt pretensioner,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



1. SEAT BELT PRETENSIONER DEPLOYMENT WHEN SCRAPPING VEHICLE

HINT:

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

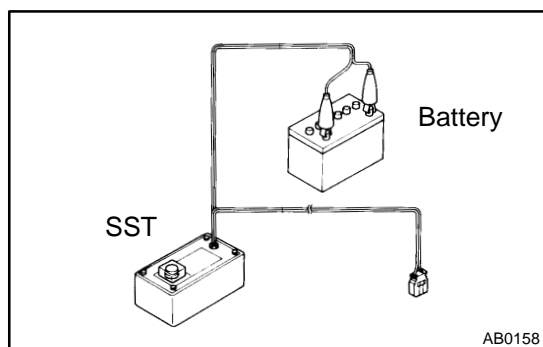


(a) Check functioning of SST

CAUTION:

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

SST 09082-00700, 09082-00740

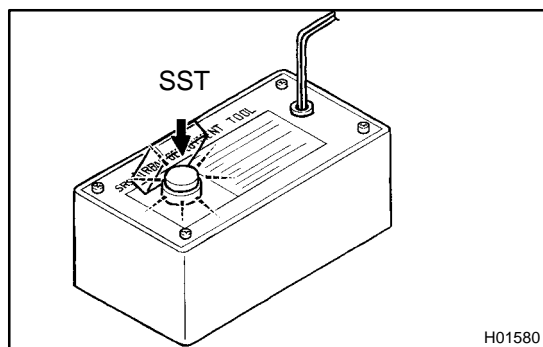


(1) Connect the SST to battery.

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

HINT:

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



(2) Check functioning of SST

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

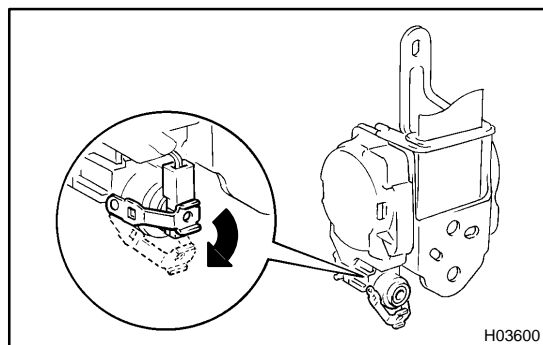
CAUTION:

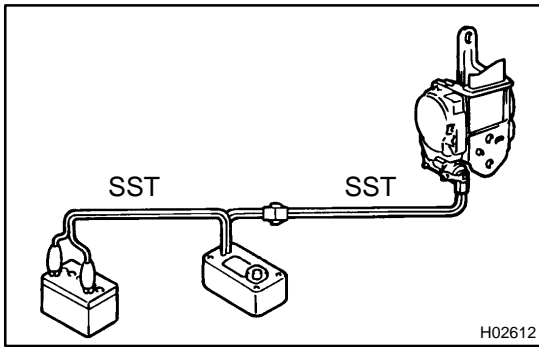
If the LED lights up when the activation switch is not being pressed, SST malfunction is probable, so definitely do not use the SST.

(b) Install the SST.

- (1) Remove the front door scuff plate.
- (2) Remove the center pillar lower garnish.
- (3) Disconnect the pretensioner connector as shown in the illustration.
- (4) 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.

SST 09082-00700, 09082-00740



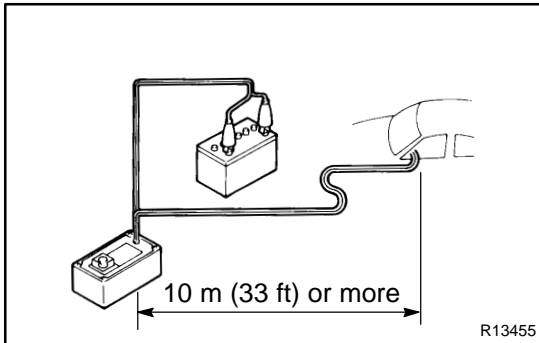


- (5) Connect the 2 SST each other, then connect them to the seat belt pretensioner.

SST 09082-00700, 09082-00740

NOTICE:

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



- (6) Move the SST to at least 10m (33 ft) from the front of the vehicle.

- (7) Close all the doors and windows of the vehicle.

NOTICE:

Take care not to damage the SST wire harness.

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

- (c) Activate seat belt pretensioner.

- (1) Confirm that no one is inside the vehicle or within 10 m (33 ft) area around the vehicle.

- (2) Press the SST activation switch and activate the seat belt pretensioner.

HINT:

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

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

CAUTION:

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

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

2. ACTIVATION WHEN DISPOSING OF FRONT SEAT OUTER BELT ONLY

NOTICE:

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

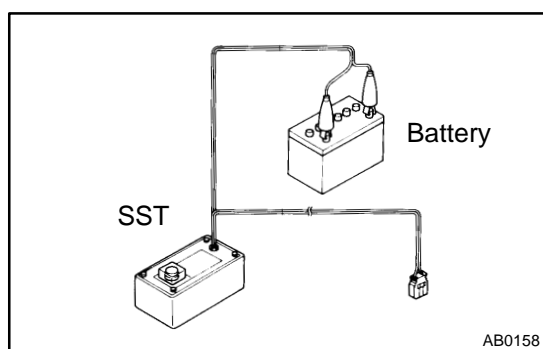
HINT:

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

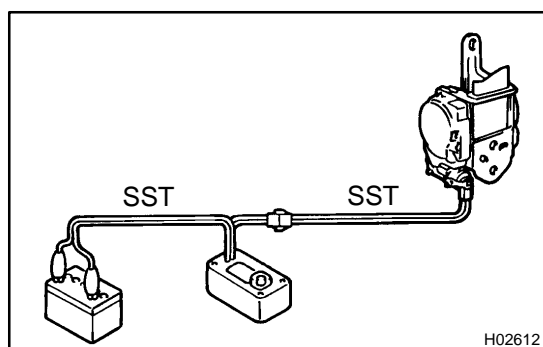
- (a) Remove the front seat outer belt
(See page [BO-115](#))

HINT:

Cut the belt near the seat belt retractor.



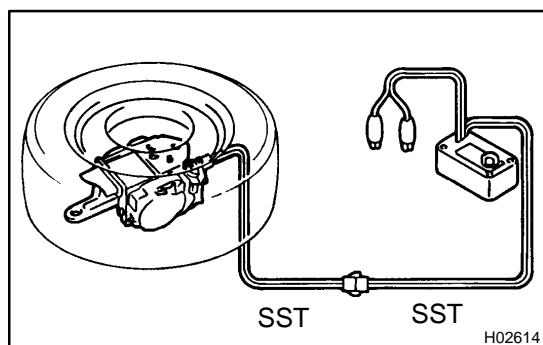
- (b) Check functioning of SST.
(See step 1-(a))
SST 09082-00700, 09082-00740



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

NOTICE:

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



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

NOTICE:

Place the front seat outer belt shown in the illustration.

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

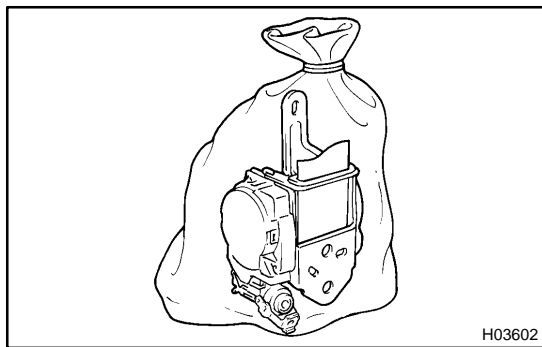
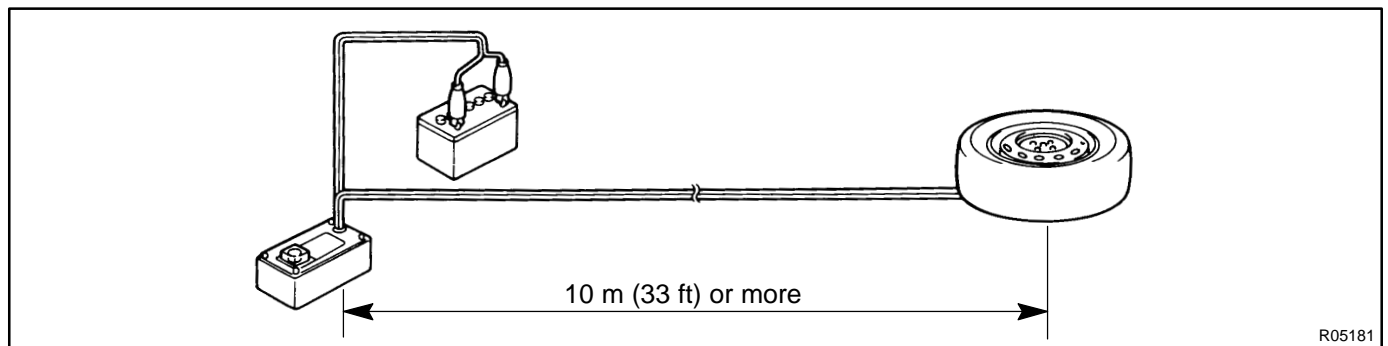
NOTICE:

Take care not to damage the SST wire harness.

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

HINT:

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



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

CAUTION:

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

REPLACEMENT

REPLACE REQUIREMENTS

In the following cases, replace the seat belt pretensioner.

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

CAUTION:

For removal and installation of the seat belt pretensioner, see page [BO-118](#) and [BO-126](#).

Be sure to follow the correct procedure.

INSTALLATION

NOTICE:

**Never use seat belt pretensioner from another vehicle.
When replace parts, replace them with new parts.**

1. INSTALL FRONT SEAT OUTER BELT

- (a) Install the front seat belt parts by following the reverse order of removal and torque the following bolts.

- (1) Front seat outer belt retractor

Torque:

Upper bolt: 7.4 N·m (75 kgf·cm, 65 in.-lbf)

Lower bolt: 41 N·m (420 kgf·cm, 30 ft-lbf)

- (2) Seat belt shoulder anchor

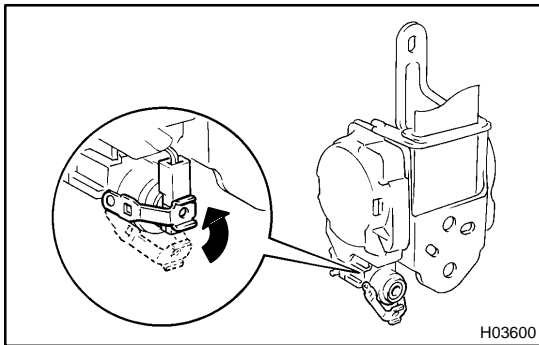
Torque: 41 N·m (420 kgf·cm, 30 ft-lbf)

- (3) Seat belt floor anchor

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

NOTICE:

- ◆ **Make sure that the front seat outer belt is installed with the specified torque.**
- ◆ **If the front seat outer belt has been dropped, or there are cracks, dents or other defects in the case or connector, replace the front seat outer belt with a new one.**
- ◆ **When installing the front seat outer belt, take care that the wiring does not interfere with other parts and is not pinched between other parts.**



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

- (c) w/ Seat Belt Warning:
Connect the retractor switch connector.

2. INSTALL THESE PARTS:

- (a) Center pillar garnish
(b) Rear door scuff plate
(c) Front door scuff plate