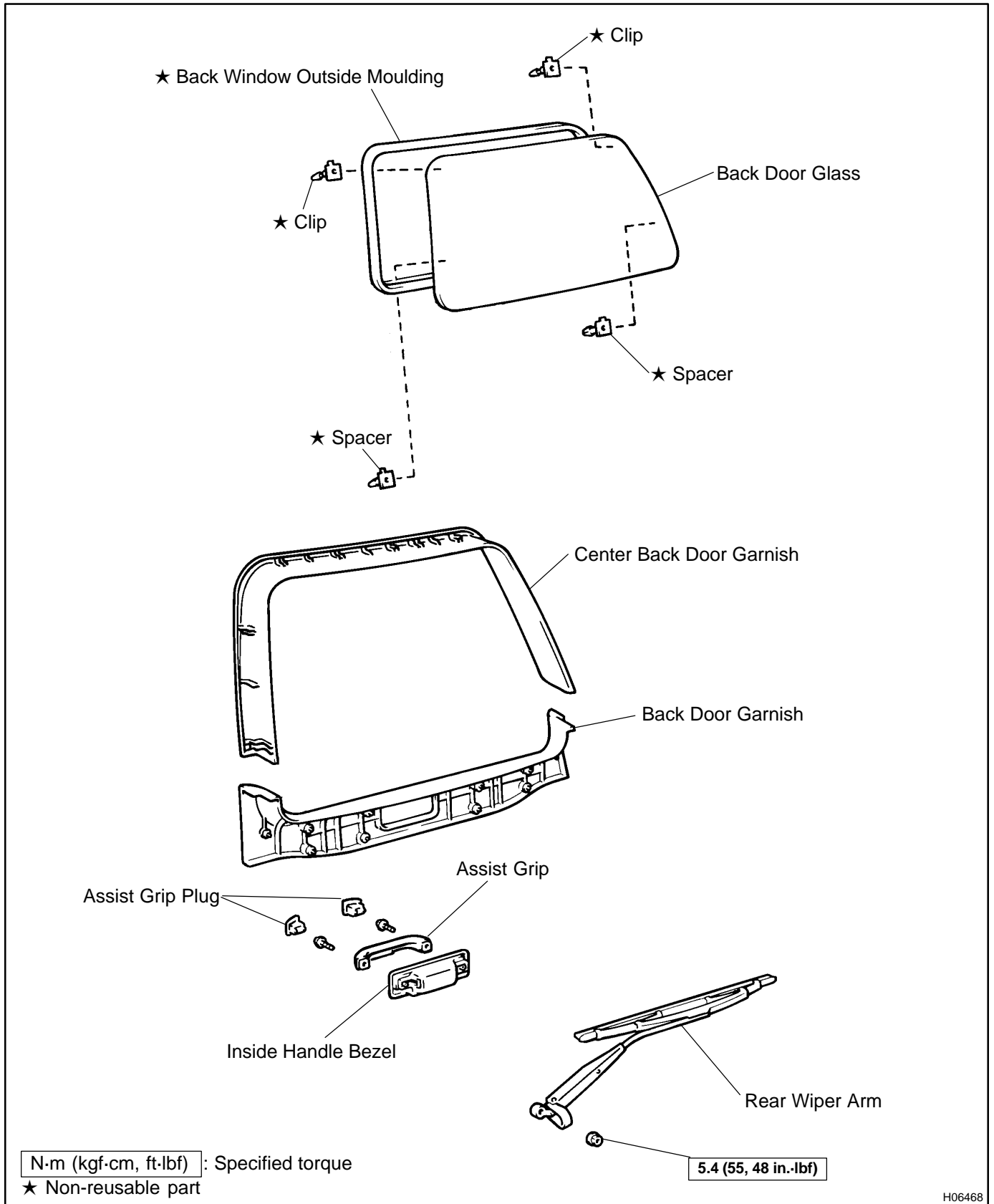
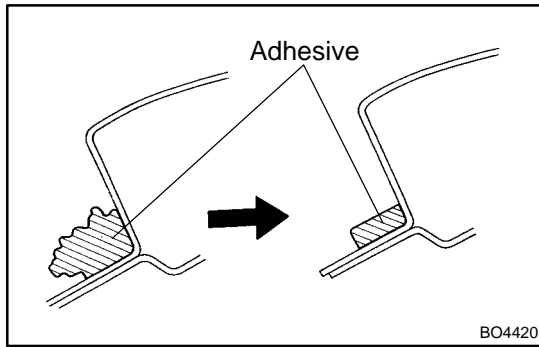


BACK DOOR GLASS COMPONENTS

BO1KA-02



H06468



INSTALLATION

1. CLEAN AND SHAPE CONTACT SURFACE OF DOOR PANEL

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

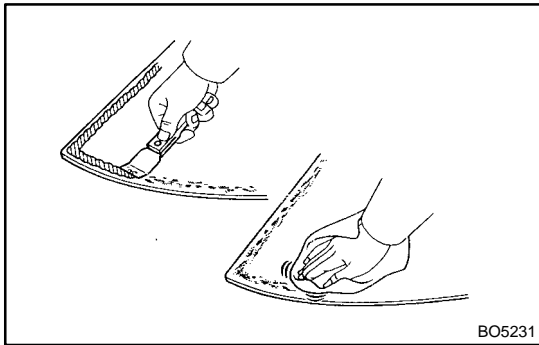
HINT:

Leave as much of the adhesive on the door panel as possible.

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

HINT:

Even if all the adhesive has been removed, clean the door panel.

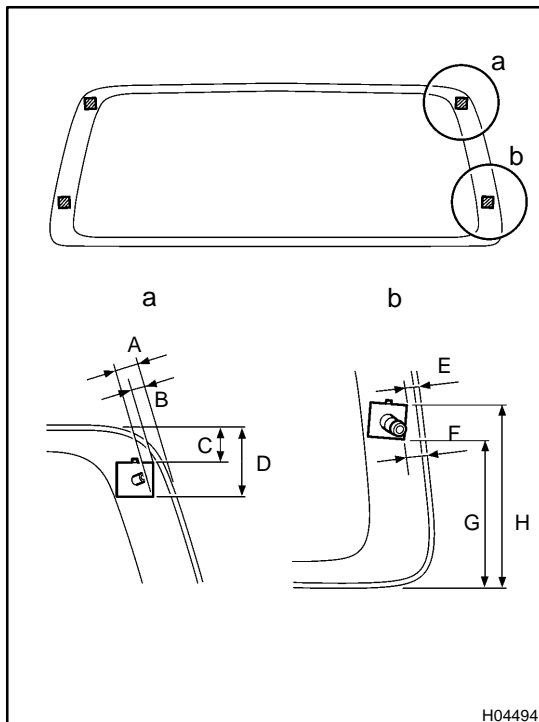


2. CLEAN REMOVED GLASS

- (a) Remove the damaged clips and spacers.
- (b) Using a scraper, remove the adhesive sticking to the glass.
- (c) Clean the glass with cleaner.

NOTICE:

Do not touch the glass after cleaning it.



3. INSTALL NEW CLIPS AND SPACERS

Install new clips and spacers onto the glass as shown in the illustration.

A: 24.3 mm (0.957 in.)

B: 18.6 mm (0.732 in.)

C: 33.1 mm (1.303 in.)

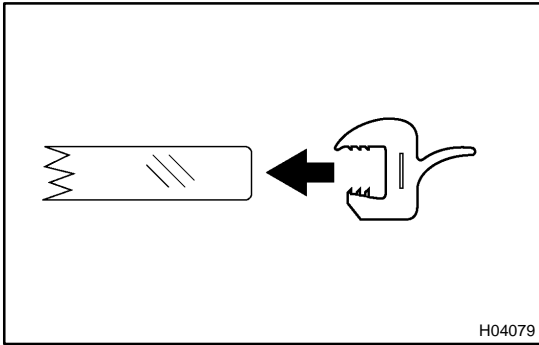
D: 52.8 mm (2.079 in.)

E: 14.4 mm (0.567 in.)

F: 18.0 mm (0.709 in.)

G: 156.6 mm (6.165 in.)

H: 176.8 mm (6.961 in.)

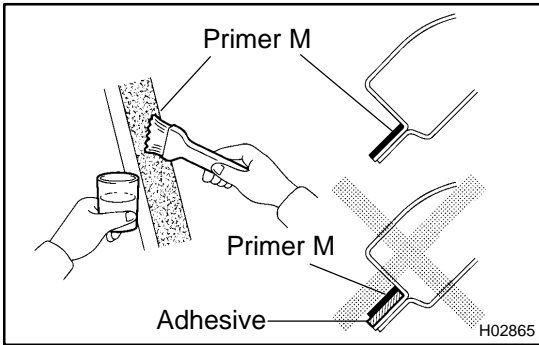


4. INSTALL BACK WINDOW MouldING

Install a new back window moulding as shown in the illustration.

NOTICE:

Do not touch the glass face after cleaning it.

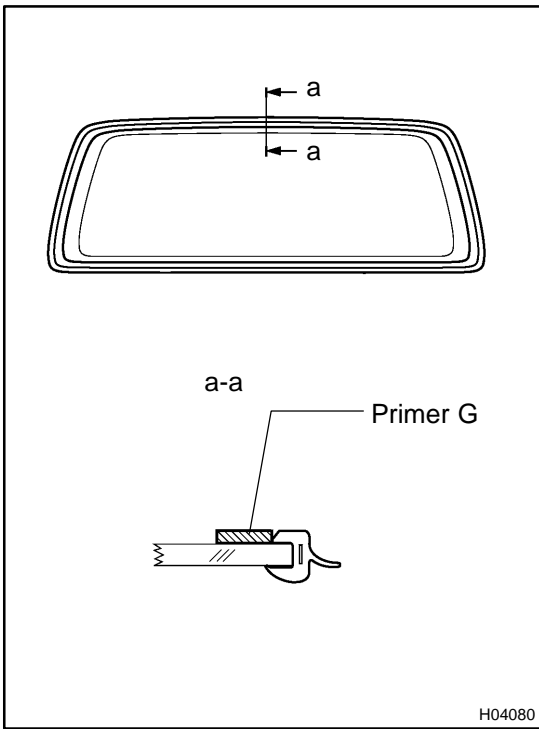


5. COAT CONTACT SURFACE OF DOOR PANEL WITH PRIMER "M"

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

NOTICE:

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

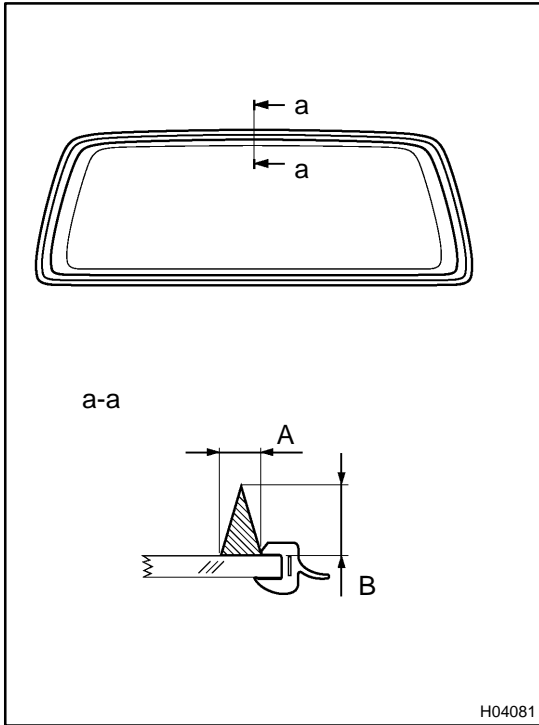


6. COAT CONTACT SURFACE OF GLASS WITH PRIMER "G"

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

NOTICE:

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



7. APPLY ADHESIVE

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

HINT:

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

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

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

A: 8.0 mm (0.315 in.)
B: 12.0 mm (0.472 in.)

8. INSTALL BACK DOOR GLASS

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

NOTICE:

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

Temperature	Minimum time prior to moving a car
35 °C (95 °F)	1.5 hours
20 °C (68 °F)	5 hours
5 °C (41 °F)	24 hours

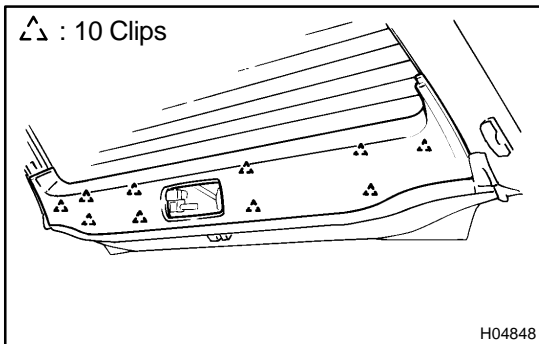
9. INSPECT FOR LEAKS AND REPAIR

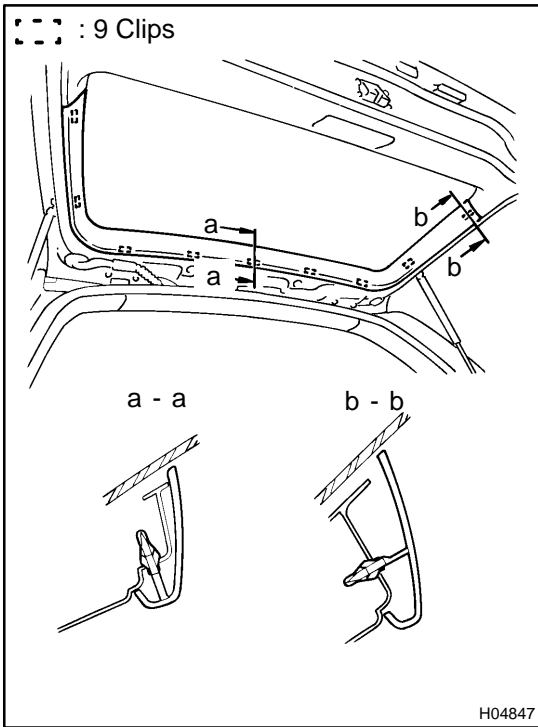
- (a) Conduct a leak test after the hardening time has elapsed.
- (b) Seal any leak with sealant.

Part No. 08833-00030 or equivalent.

10. INSTALL REAR WIPER ARM (See page BO-42)

11. INSTALL BACK DOOR GARNISH





12. INSTALL CENTER BACK DOOR GARNISH

13. INSTALL INSIDE HANDLE BEZEL

14. INSTALL ASSIST GRIP

Install the assist grip with the 2 screws, then install 2 assist grip plugs.

REMOVAL

1. REMOVE ASSIST GRIP

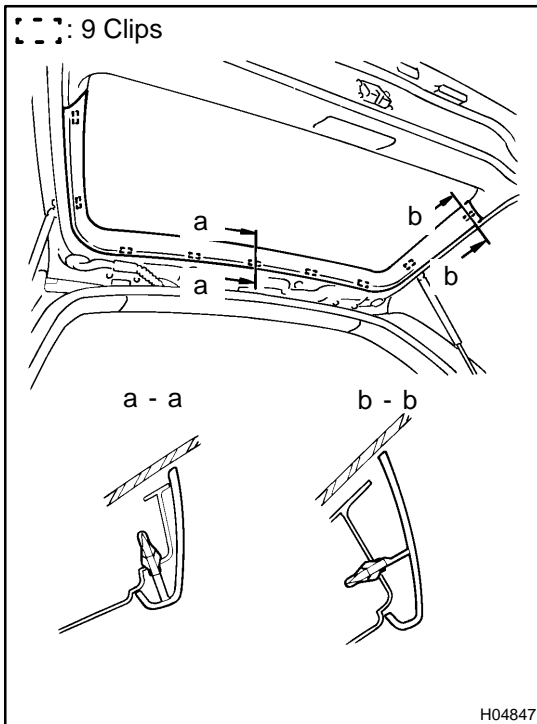
(a) Using a screwdriver, remove the 2 assist grip plugs.

HINT:

Tape the screwdriver tip before use.

(b) Remove the 2 screws and assist grip.

2. REMOVE INSIDE HANDLE BEZEL

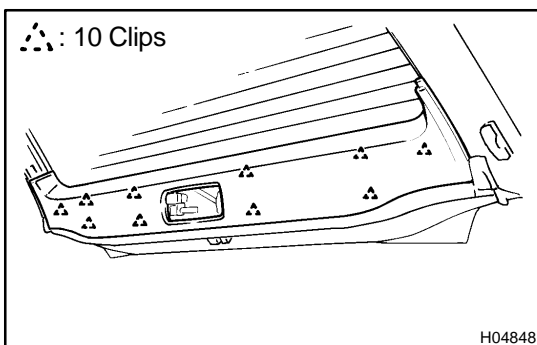


3. REMOVE CENTER BACK DOOR GARNISH

Using a screwdriver, remove the center back door garnish.

HINT:

Tape the screwdriver tip before use.



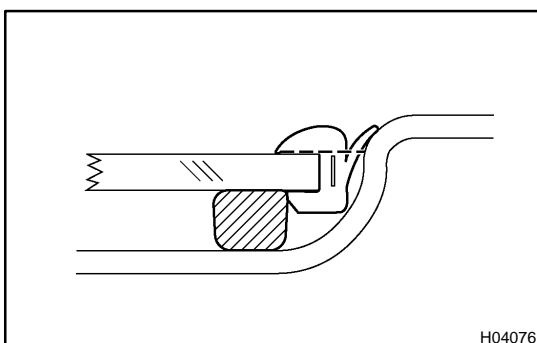
4. REMOVE BACK DOOR GARNISH

Using a screwdriver, remove the back door garnish.

HINT:

Tape the screwdriver tip before use.

5. REMOVE REAR WIPER ARM (See page [BO-38](#))

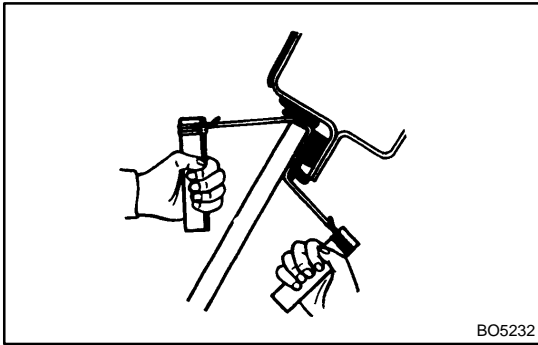


6. REMOVE OUTSIDE BACK WINDOW MOULDING

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

NOTICE:

Do not damage the body with the knife.

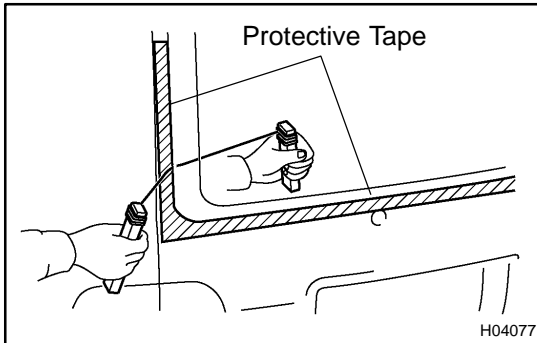


7. REMOVE BACK DOOR GLASS

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

HINT:

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



NOTICE:

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

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

NOTICE:

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

BACK DOOR STAY REPLACEMENT

BO1JQ-03

1. REMOVE BACK DOOR STAY

(a) Remove the bolts and back door stay from the back door.

HINT:

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

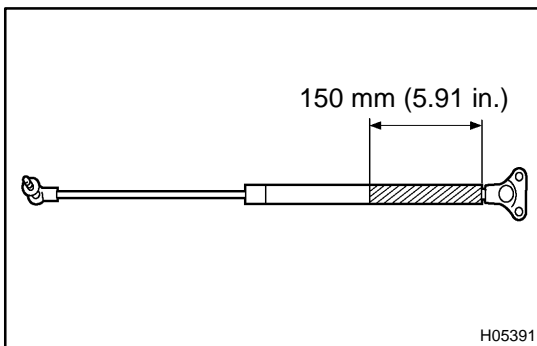
(b) Remove the bolt and back door stay from the body.

2. IF NECESSARY, REPLACE BACK DOOR STAY

NOTICE:

When handling the back door stay.

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



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

3. INSTALL BACK DOOR STAY

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

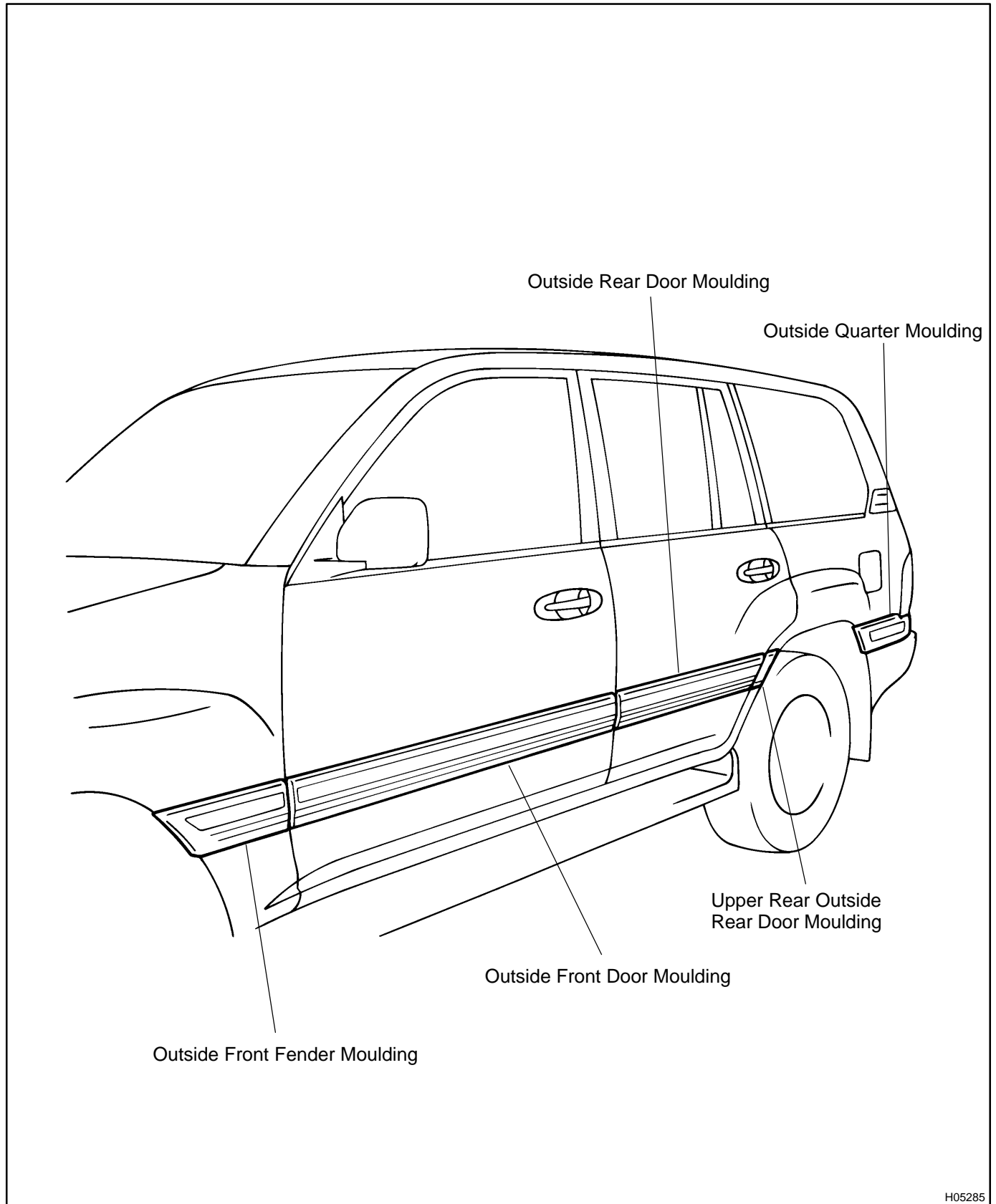
Torque: 17.5 N·m (178 kgf·cm, 13 ft·lbf)

(b) Install the bolts and back door stay to the back door.

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

BODY OUTSIDE MOULDING COMPONENTS

BO1K1-02



H05285

INSTALLATION

1. CLEAN BODY MOUNTING SURFACE

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

NOTICE:

Do not heat the body excessively.

- (b) Wipe off stains with cleaner.

2. If reusing the moulding:

CLEAN MOULDING

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

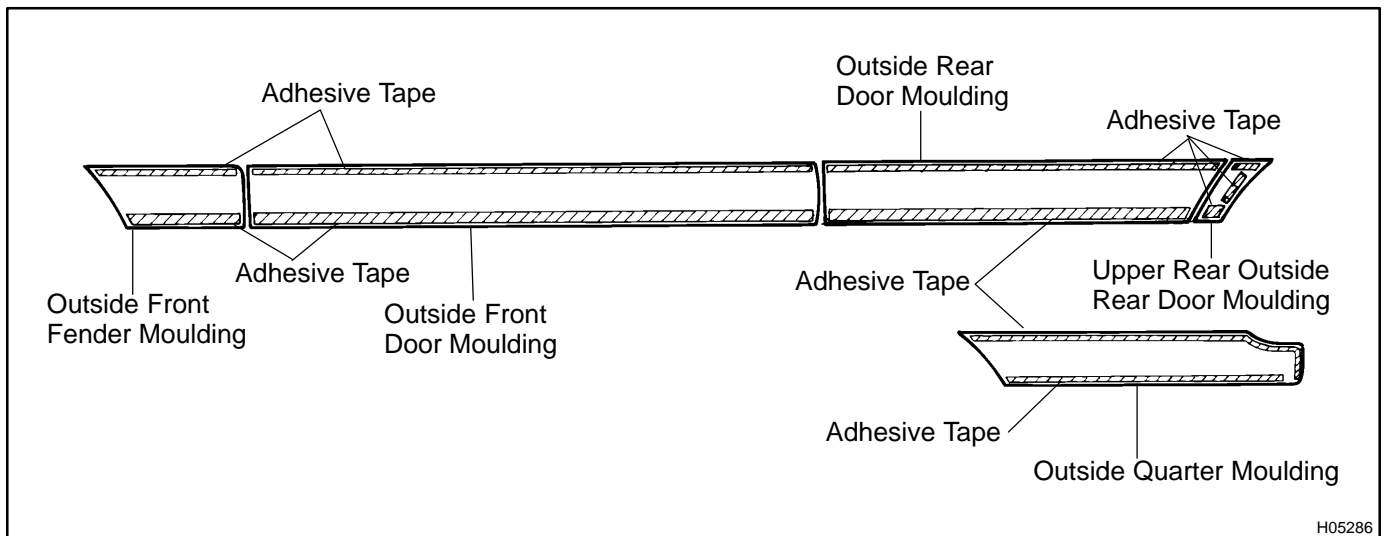
NOTICE:

Do not heat the moulding excessively.

- (b) Remove the adhesive tape from the moulding.

- (c) Wipe off stains with cleaner.

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



H05286

3. INSTALL MOULDING

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

Body: 40 - 60 °C (104 - 140 °F)

Moulding: 20 - 30 °C (68 - 86 °F)

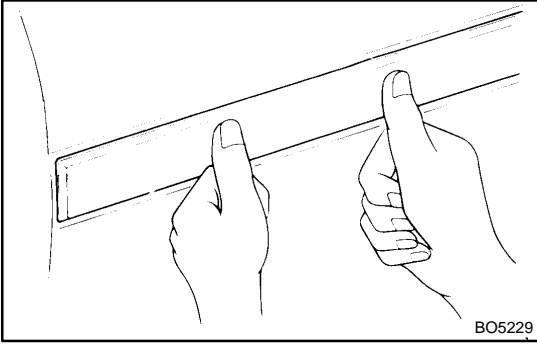
NOTICE:

Do not heat the body and moulding excessively.

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

NOTICE:

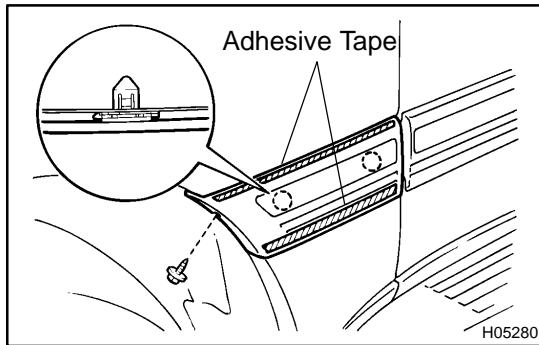
When the moulding release sheet is removed, make sure that no dirt or dust can get onto the uncoated area.



- (c) Press firmly on the moulding. Refer to the illustration for the moulding application procedures.

NOTICE:

Do not apply excessive force onto the moulding, but steady pressure with your thumbs.



REMOVAL

1. REMOVE OUTSIDE FRONT FENDER MOULDING

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

NOTICE:

Do not heat the moulding excessively.

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

NOTICE:

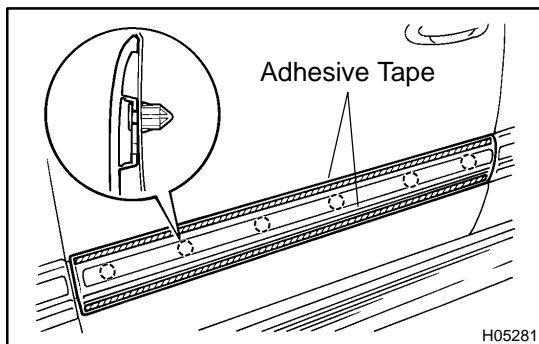
★ **If reusing the moulding, take care not to damage the moulding.**

★ **Do not damage the body.**

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

HINT:

Tape the screwdriver tip before use.



2. REMOVE OUTSIDE FRONT DOOR MOULDING

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

NOTICE:

Do not heat the moulding excessively.

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

NOTICE:

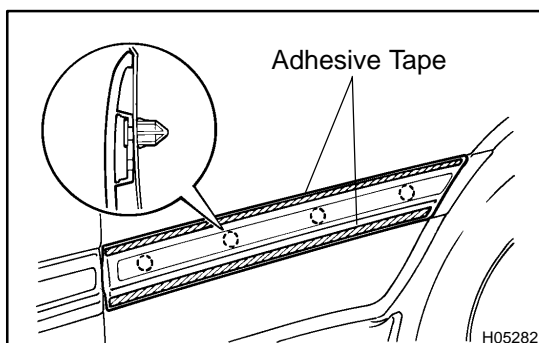
★ **If reusing the moulding, take care not to damage the moulding.**

★ **Do not damage the body.**

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

HINT:

Tape the screwdriver tip before use.



3. REMOVE OUTSIDE REAR DOOR MOULDING

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

NOTICE:

Do not heat the moulding excessively.

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

NOTICE:

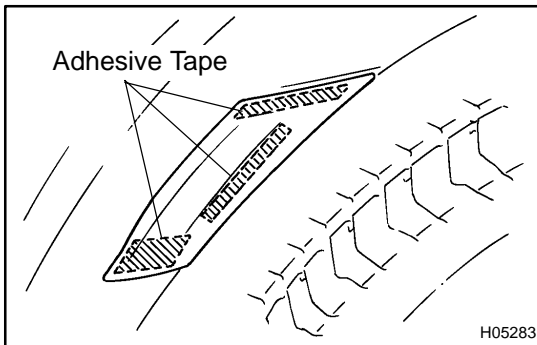
★ **If reusing the moulding, take care not to damage the moulding.**

★ **Do not damage the body.**

(c) Using a screwdriver, remove the moulding.

HINT:

Tape the screwdriver tip before use.



4. REMOVE UPPER REAR OUTSIDE REAR DOOR MOULDING

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

NOTICE:

Do not heat the moulding excessively.

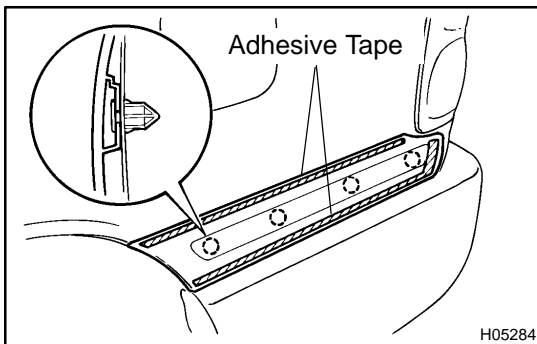
(b) Cut the adhesive tape with a knife.

NOTICE:

★ **If reusing the moulding, take care not to damage the moulding.**

★ **Do not damage the body.**

(c) Remove the moulding.



5. REMOVE OUTSIDE QUARTER MOULDING

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

NOTICE:

Do not heat the moulding excessively.

(b) Cut the adhesive tape with a knife.

NOTICE:

★ **If reusing the moulding, take care not to damage the moulding.**

★ **Do not damage the body.**

(c) Using a screwdriver, remove the moulding.

HINT:

Tape the screwdriver tip before use.

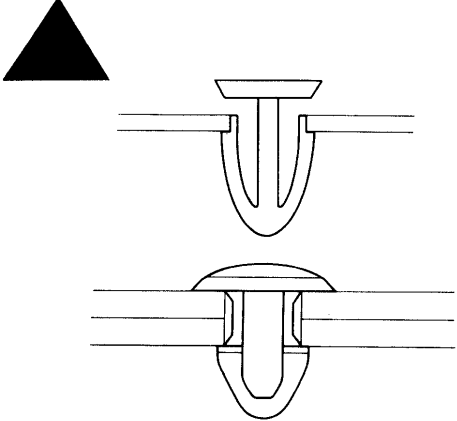
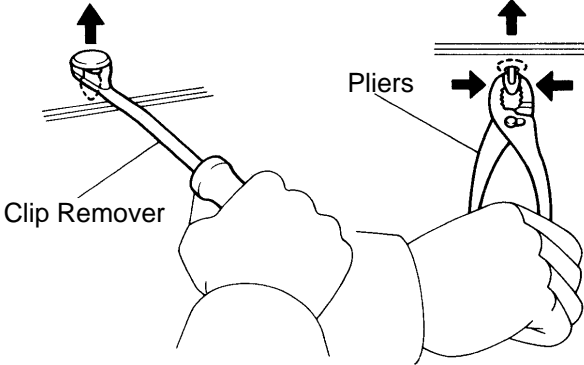
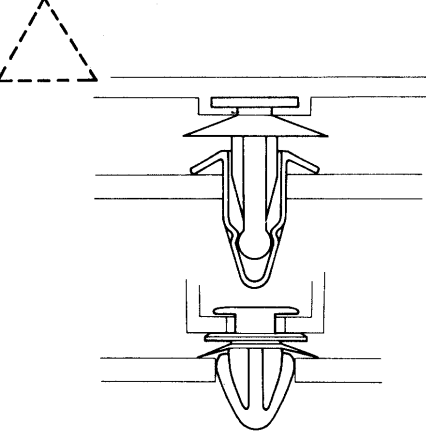
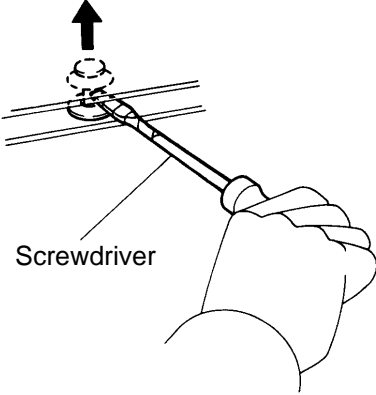
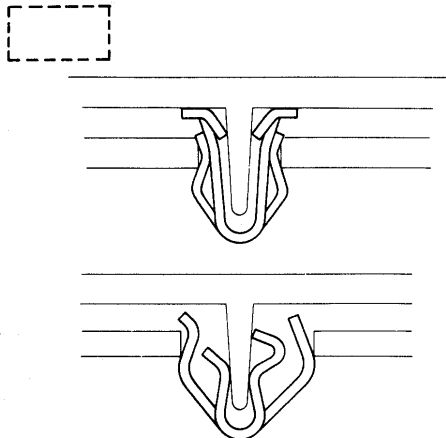
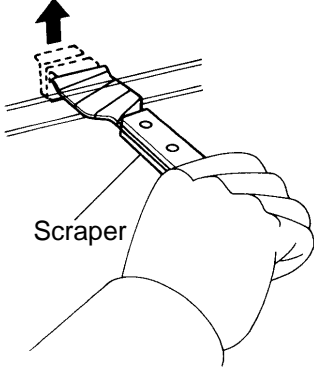
CLIP REPLACEMENT

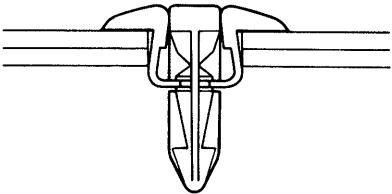
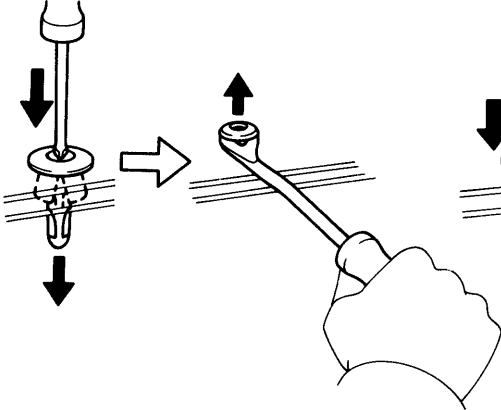
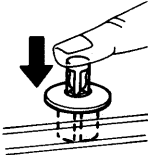
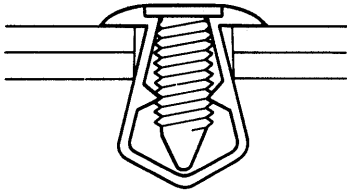
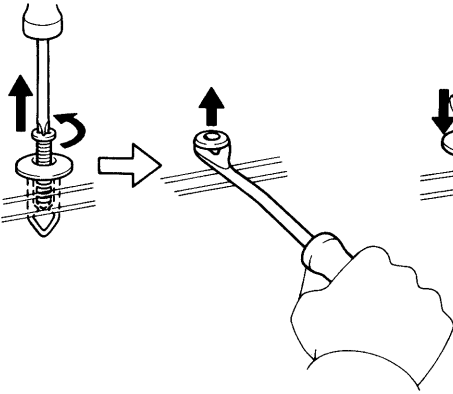
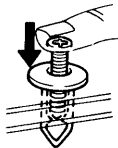
BO023-04

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

HINT:

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

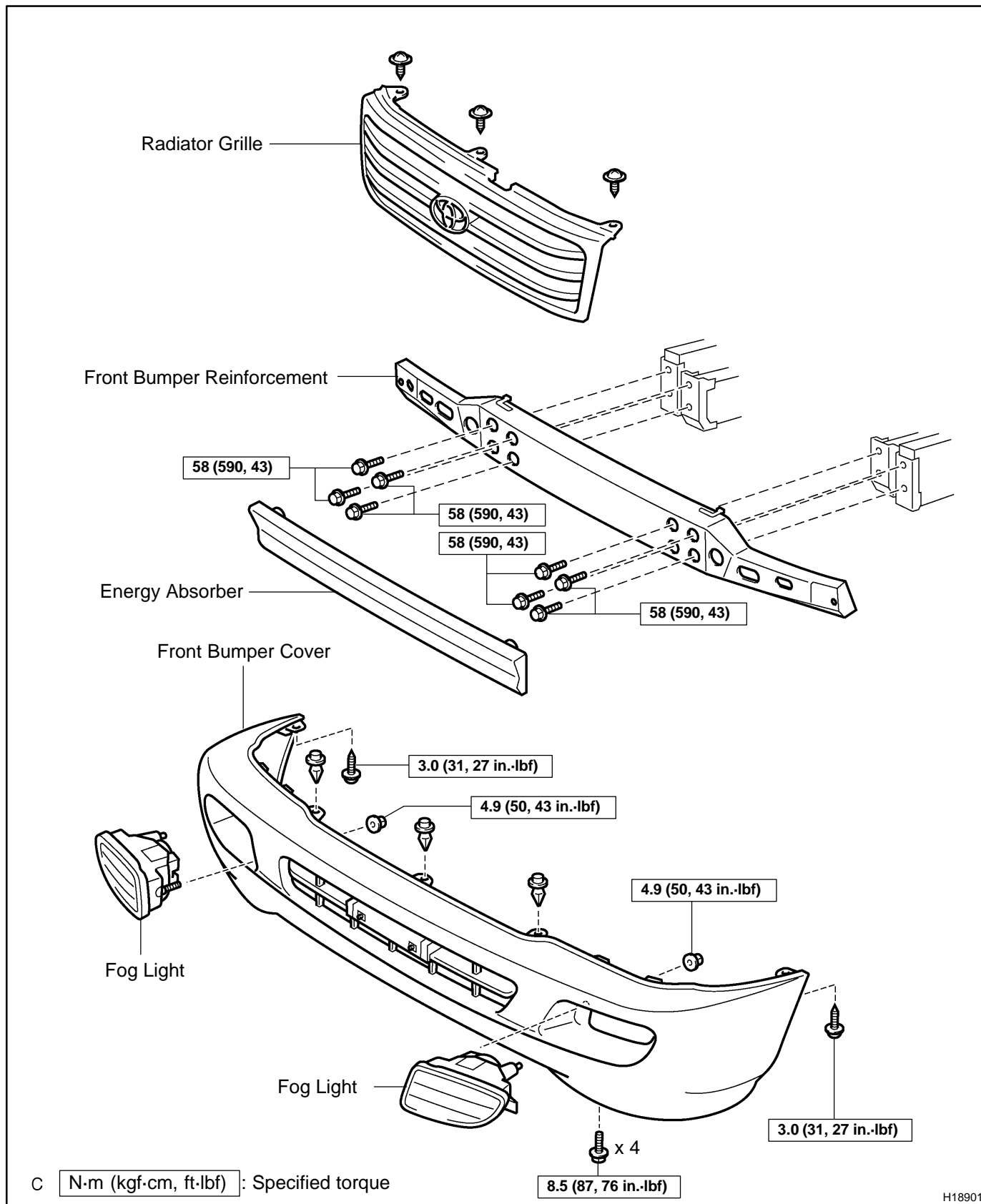
Shape (Example)	Removal/Installation
 <p>The diagram shows two types of clips. The top one is a triangular clip with a central stem and two side flaps. The bottom one is a U-shaped clip with a central stem and two side flaps. A solid black triangle is shown to the left of the first clip.</p>	 <p>The diagram shows a hand using a 'Clip Remover' tool to lift a triangular clip upwards, as indicated by an upward arrow. To the right, a pair of 'Pliers' is shown being used to push a clip into a hole, with an upward arrow and two inward-pointing arrows indicating the direction of force.</p>
 <p>The diagram shows a clip with a dashed triangle above it, indicating its shape. The clip has a central stem and two side flaps.</p>	 <p>The diagram shows a hand using a 'Screwdriver' to lift a clip upwards, as indicated by an upward arrow.</p>
 <p>The diagram shows a clip with a dashed rectangle above it, indicating its shape. The clip has a central stem and two side flaps.</p>	 <p>The diagram shows a hand using a 'Scraper' tool to lift a clip upwards, as indicated by an upward arrow.</p>

Shape (Example)	Removal/Installation	
 <p>A technical drawing of a smooth-shank clip. The clip has a wide, flat top flange with a central slot. Below the flange is a narrow, pointed stem that tapers to a sharp point. The clip is shown inserted into a hole in a surface, with the stem protruding downwards.</p>	<p>Removal</p>  <p>The removal diagram shows a hand holding a thin, flat metal tool. The tool is inserted into the central slot of the clip's top flange. An upward arrow indicates the direction of the tool's movement, which is used to pry the clip out of the hole. A downward arrow on the clip indicates its removal from the surface.</p>	<p>Installation</p>  <p>The installation diagram shows a hand holding the clip by its stem. The clip is being pushed into a hole in a surface. A downward arrow indicates the direction of the push.</p>
 <p>A technical drawing of a threaded clip. It has a wide, flat top flange with a central slot. Below the flange is a stem with a threaded section. The clip is shown inserted into a hole in a surface, with the threaded stem protruding downwards.</p>	<p>Removal</p>  <p>The removal diagram shows a hand holding a thin, flat metal tool. The tool is inserted into the central slot of the clip's top flange. An upward arrow indicates the direction of the tool's movement. A curved arrow indicates that the clip is rotated counter-clockwise as it is being removed. A downward arrow on the clip indicates its removal from the surface.</p>	<p>Installation</p>  <p>The installation diagram shows a hand holding the clip by its stem. The clip is being pushed into a hole in a surface. A downward arrow indicates the direction of the push.</p>

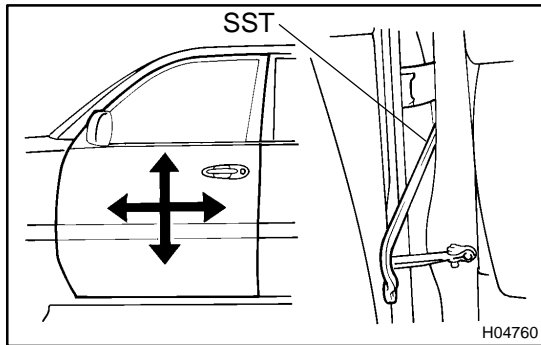
V00012

FRONT BUMPER COMPONENTS

BO1J6-03



H18901



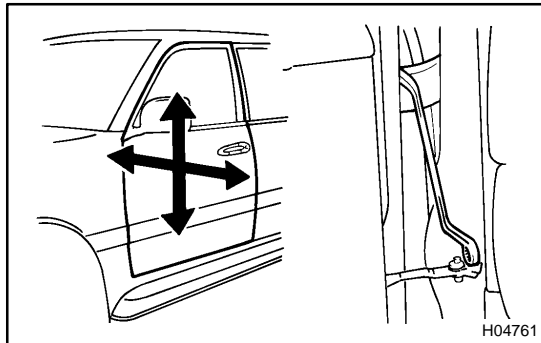
ADJUSTMENT

1. ADJUST DOOR IN FORWARD/BACKWARD AND VERTICAL DIRECTIONS

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

SST 09812-00010

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



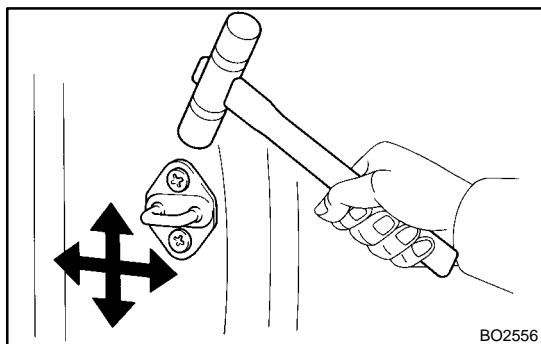
2. ADJUST DOOR IN RIGHT/LEFT AND VERTICAL DIRECTIONS

Loosen the door side hinge bolts to adjust.

HINT:

Substitute the bolt with washer for the centering bolt (See page [BO-6](#)).

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



3. ADJUST DOOR LOCK STRIKER

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

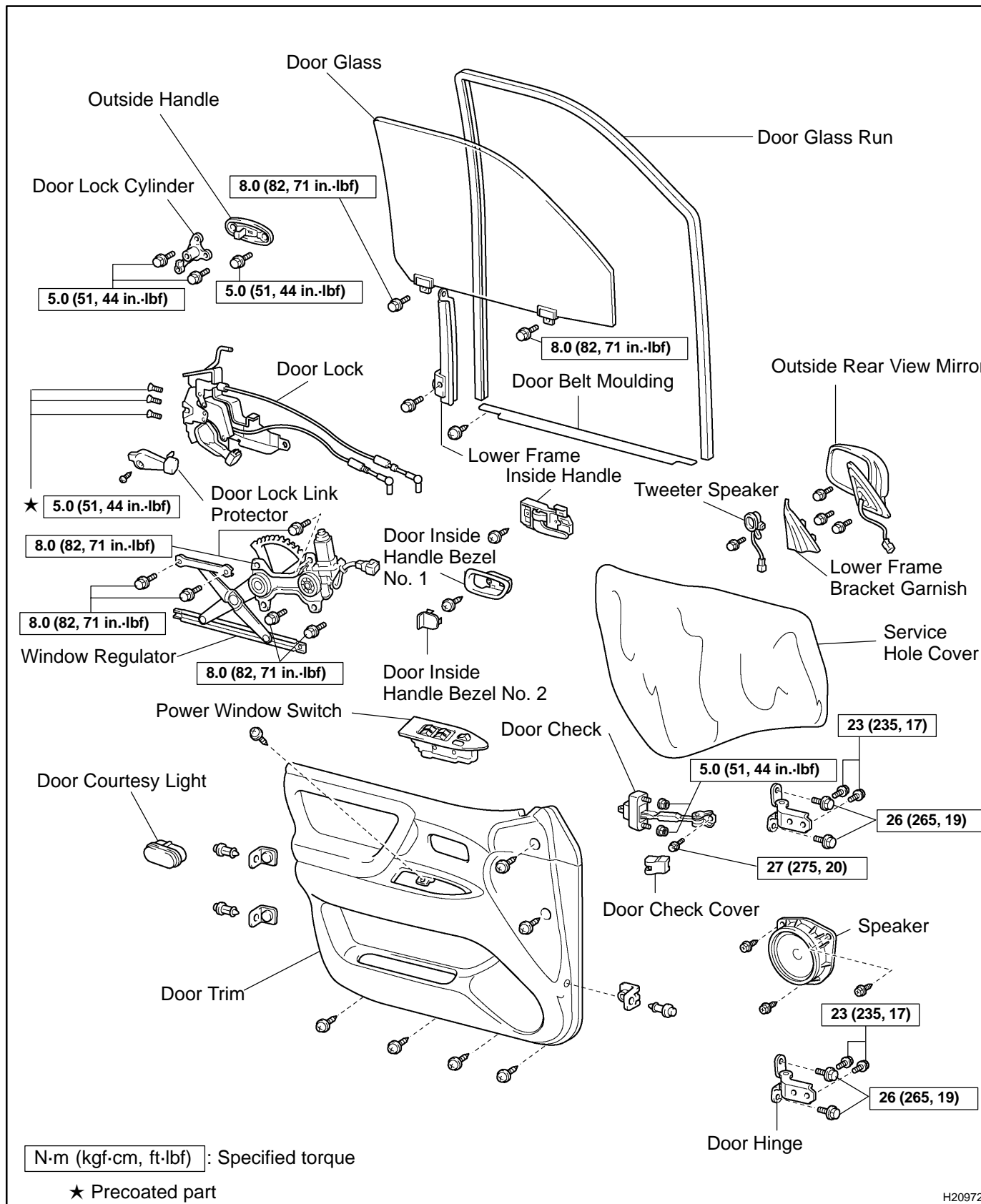
(b) Loosen the striker mounting screws.

Torque: 11 N·m (115 kgf·cm, 8 ft·lbf)

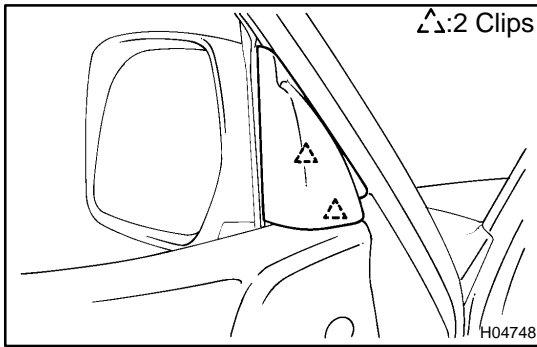
(c) Using a plastic hammer, tap the striker to adjust it.

FRONT DOOR COMPONENTS

B01JA-04



H20972



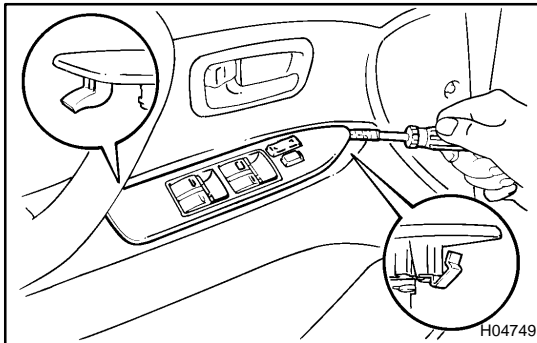
DISASSEMBLY

1. REMOVE LOWER FRAME BRACKET GARNISH

Using a screwdriver, remove the lower frame bracket garnish.

HINT:

Tape up the screwdriver tip before use.



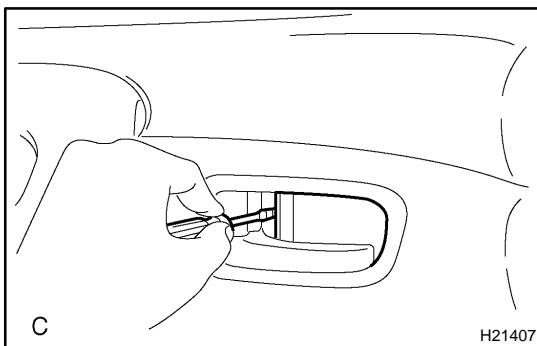
2. REMOVE POWER WINDOW SWITCH

(a) Using a screwdriver, remove the power window switch as shown in the illustration.

HINT:

Tape up the screwdriver tip before use.

(b) Disconnect the connector.

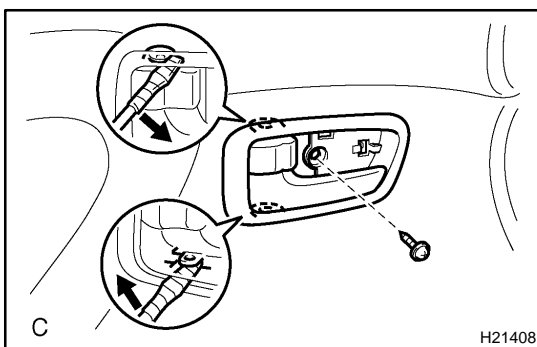


3. REMOVE DOOR INSIDE HANDLE BEZEL No. 2

Using a screwdriver, remove the door inside handle bezel No. 2 as shown in the illustration.

HINT:

Tape up the screwdriver tip before use.



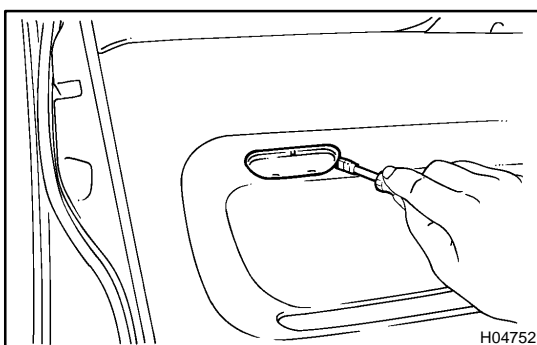
4. REMOVE DOOR INSIDE HANDLE BEZEL No. 1

(a) Remove the screw.

(b) Using a screwdriver, remove the door inside handle bezel No. 1 as shown in the illustration.

HINT:

Tape up the screwdriver tip before use.

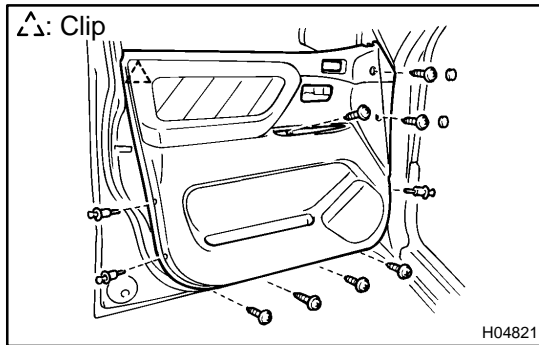


5. REMOVE DOOR COURTESY LIGHT

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

HINT:

Tape up the screwdriver tip before use.

**6. REMOVE DOOR TRIM**

- (a) Remove the 2 caps and the 7 screws.
- (b) Remove the 3 clips.
- (c) Insert a screwdriver between the door and the door trim to pry the trim.

NOTICE:

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

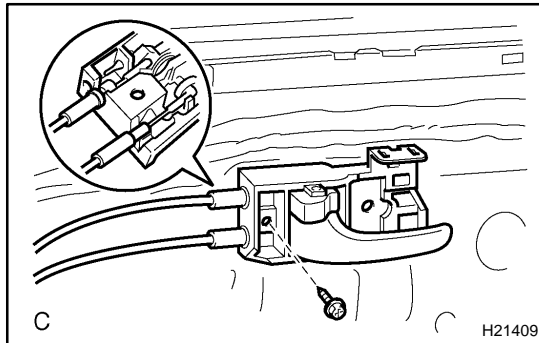
HINT:

Tape up the screwdriver tip before use.

- (d) Pull the trim upward to remove it.

7. REMOVE INSIDE HANDLE

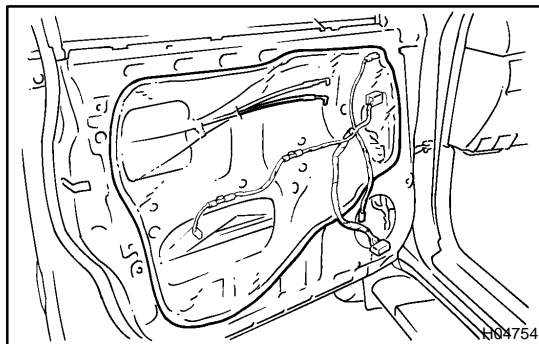
- (a) Remove the screw and the inside handle.
- (b) Disconnect the 2 control cables from the inside handle as shown in the illustration.

**8. REMOVE TWEETER SPEAKER**

Disconnect the connector, then remove the bolt and the tweeter speaker.

9. REMOVE OUTSIDE REAR VIEW MIRROR

Disconnect the connector, then remove the 3 bolts and the outside rear view mirror.

**10. REMOVE SERVICE HOLE COVER**

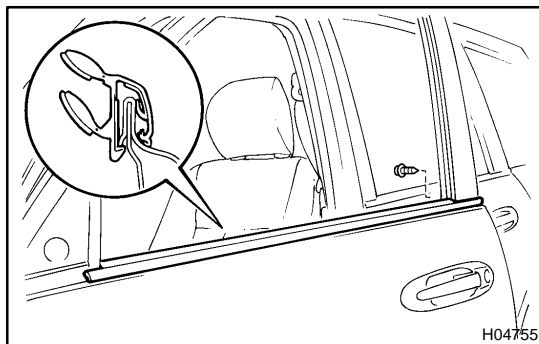
- (a) Remove the clamps and the wire harness.
- (b) Remove the service hole cover.

NOTICE:

Do not tear the cover.

HINT:

At the time of reassembly, pull out the 2 control cables and wire harness through the service hole cover.

**11. REMOVE DOOR BELT MOULDING**

- (a) Remove the screw.
- (b) Using a scraper, remove the door belt moulding.

HINT:

Tape up the scraper tip before use.

12. REMOVE DOOR GLASS

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

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

NOTICE:

Do not damage the door glass.

HINT:

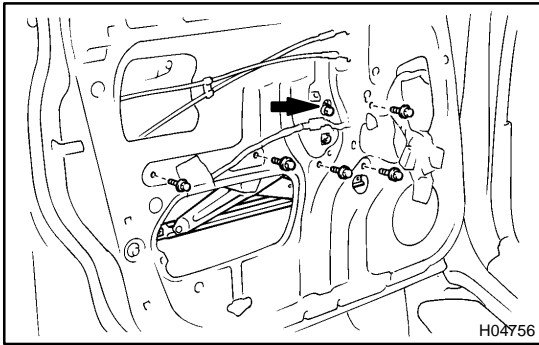
Pull the glass upward to remove it.

13. REMOVE SPEAKER

Remove the 3 screws and the speaker, then disconnect the connector.

14. REMOVE DOOR GLASS RUN**15. REMOVE LOWER FRAME**

Remove the bolt and the lower frame.

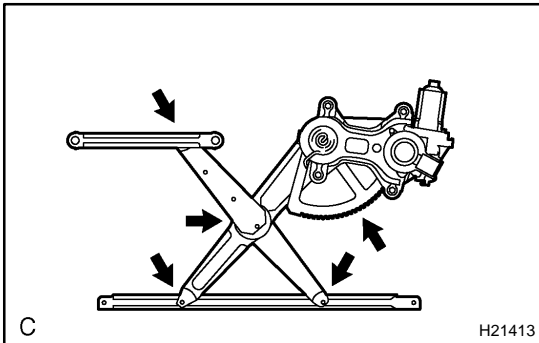


16. REMOVE WINDOW REGULATOR

- (a) Disconnect the connector, then remove the 5 bolts.
Torque: 8.0 N-m (82 kgf-cm, 71 in.-lbf)
- (b) Loosen the bolt and the window regulator.
Torque: 8.0 N-m (82 kgf-cm, 71 in.-lbf)

HINT:

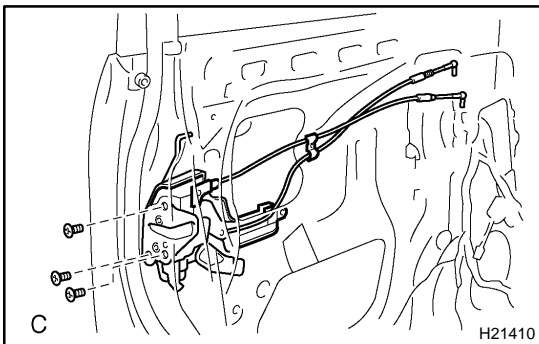
- ★ Remove the regulator through the service hole.



- ★ At the time of reassembly, apply MP grease to the window regulator.

NOTICE:

At the time of reassembly, do not apply grease to the spring of the window regulator.



17. REMOVE DOOR LOCK

- (a) Remove the clip and the door lock link protector.
- (b) Disconnect the connector.
- (c) Disconnect the 2 links from the outside handle and the door lock cylinder.
- (d) Using a torx wrench, remove the 3 screws and the door lock through the service hole.

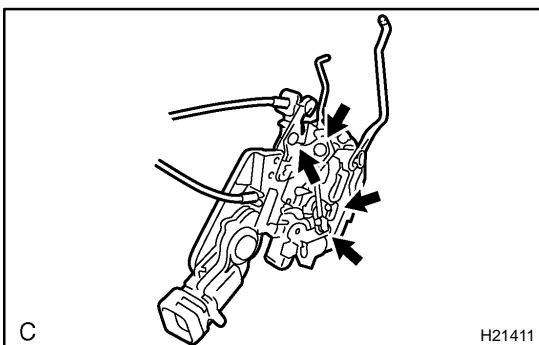
Torx wrench: T30 (Part No. 09042-00010 or locally manufactured tool)

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

HINT:

At the time of reassembly:

- ★ Apply adhesive to the 3 screws.
Part No. 08833-00070, THREE BOND 1324 or equivalent.



- ★ Remove the protector, and apply MP grease to the sliding and rotating parts of the door lock.

18. REMOVE OUTSIDE HANDLE WITH DOOR LOCK CYLINDER

- (a) Remove the 2 bolts and the outside handle with the door lock cylinder.

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

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

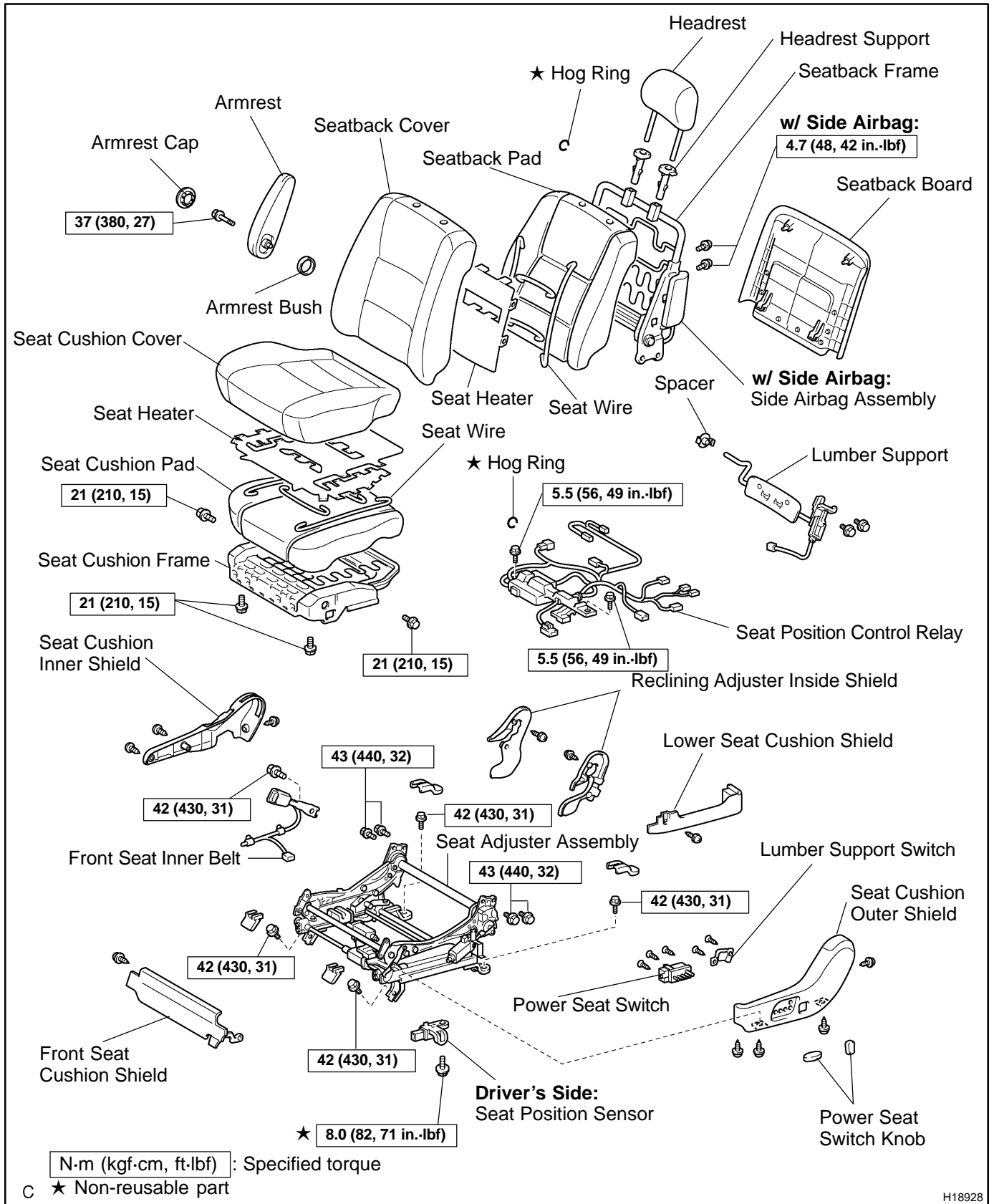
Torque: 5.0 N-m (51 kgf-cm, 44 in.-lbf)

REASSEMBLY

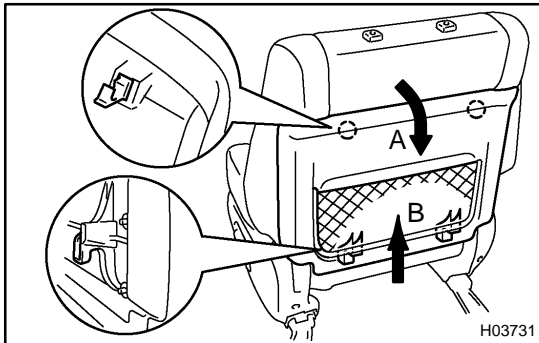
Reassembly is in the reverse order of disassembly (See page [BO-9](#)).

FRONT SEAT COMPONENTS

BO1KT-04



H18928

DISASSEMBLY**1. REMOVE HEADREST****2. REMOVE SEATBACK BOARD**

Remove the seatback board as shown in the illustration.

HINT:

Remove the seatback board in the order of "A" and "B" as shown in the illustration.

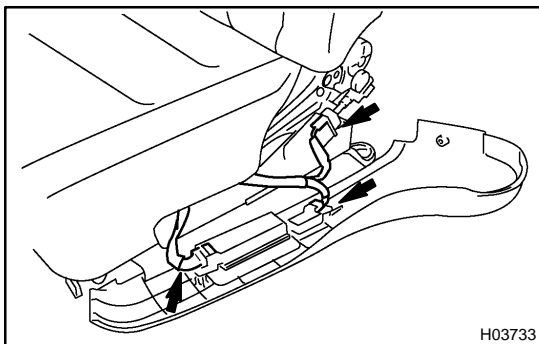
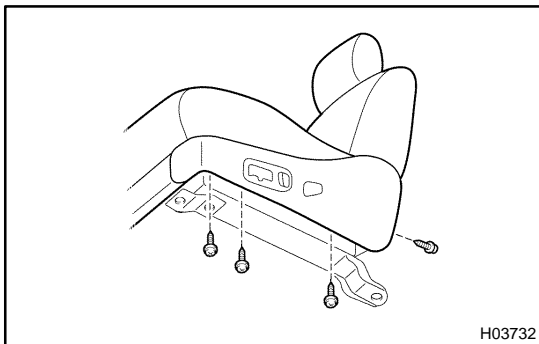
3. REMOVE SEAT CUSHION OUTER SHIELD

(a) Using a screwdriver, remove the power seat switch knobs.

HINT:

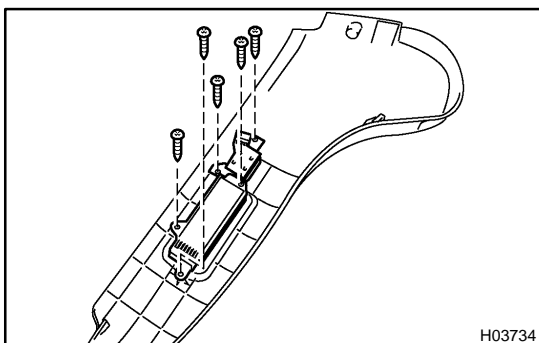
Tape up the screwdriver tip before use.

(b) Remove the 4 screws.



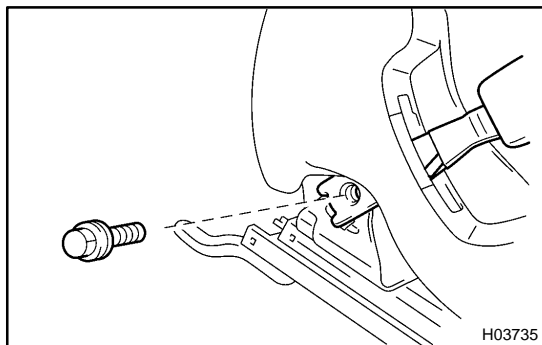
(c) Disconnect the connectors as shown in the illustration.

(d) Remove the seat cushion outer shield.

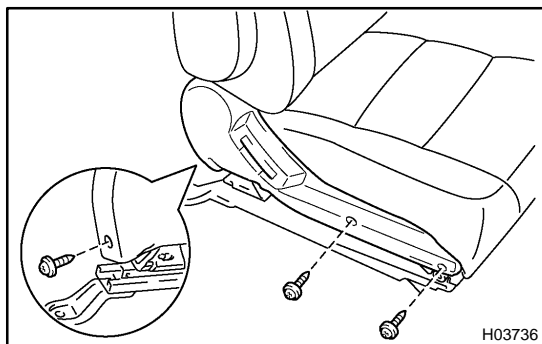


(e) Remove the 3 screws and the power seat switch from the seat cushion outer shield.

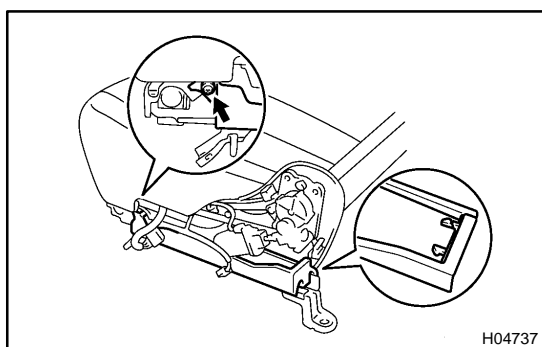
(f) Remove the 2 screws and lumber support switch from the seat cushion outer shield.

**4. REMOVE FRONT SEAT INNER BELT**

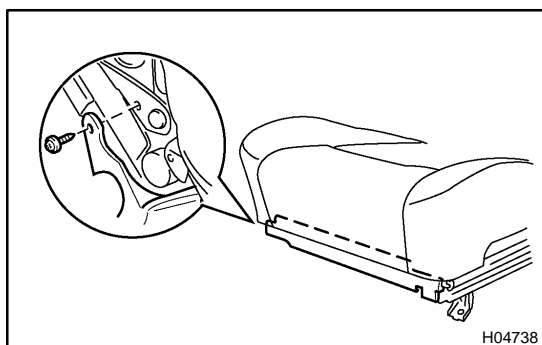
- (a) Remove the clamp, then disconnect the connector.
- (b) Remove the bolt and the inner belt.

**5. REMOVE SEAT CUSHION INNER SHIELD**

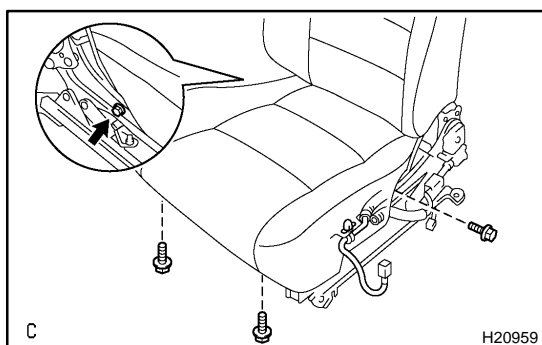
Remove the 3 screws and the seat cushion inner shield.

**6. REMOVE LOWER SEAT CUSHION SHIELD**

Remove the screw and the lower seat cushion shield as shown in the illustration.

**7. REMOVE FRONT SEAT CUSHION SHIELD**

Remove the screw and the front seat cushion shield.

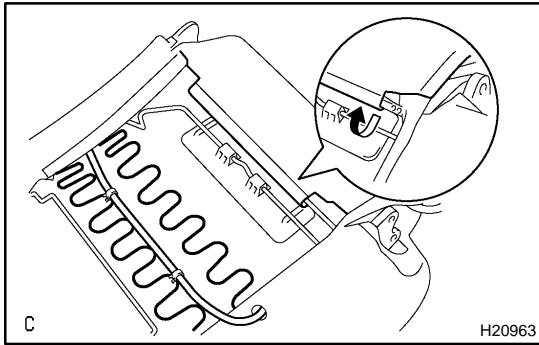
**8. REMOVE SEAT CUSHION ASSEMBLY**

- (a) Remove the 4 bolts.
- (b) Remove the clamps from the seat cushion assembly.

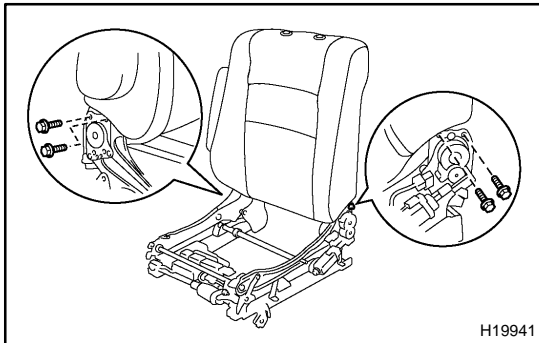
9. REMOVE SEAT CUSHION FRAME

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

10. REMOVE SEAT CUSHION COVER (See page [BO-110](#))**11. IF NECESSARY, REPLACE SEAT CUSHION HEATER (See page [BO-110](#))**

**12. REMOVE SEATBACK ASSEMBLY**

- (a) Remove the hog rings.
- (b) Disengage the hook as shown in the illustration.
- (c) Disconnect the connectors.



- (d) Remove the 4 bolts and the seatback assembly.

NOTICE:

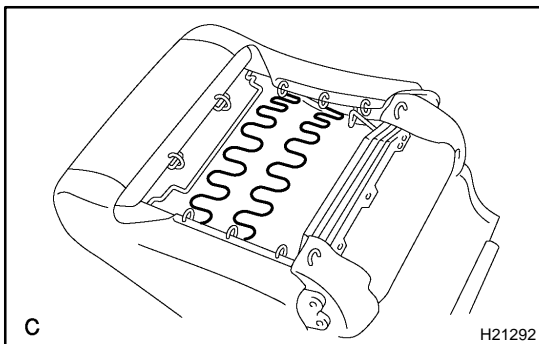
When handling the airbag connector take care not to damage the airbag wire harness.

- (e) Remove the screw and the RH reclining adjuster inside shield.
- (f) w/ Side Airbag:
Disconnect the side airbag connector.

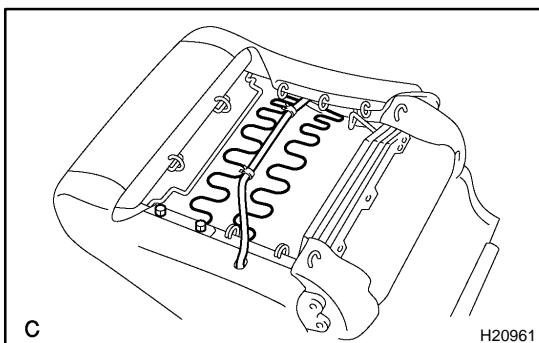
NOTICE:

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

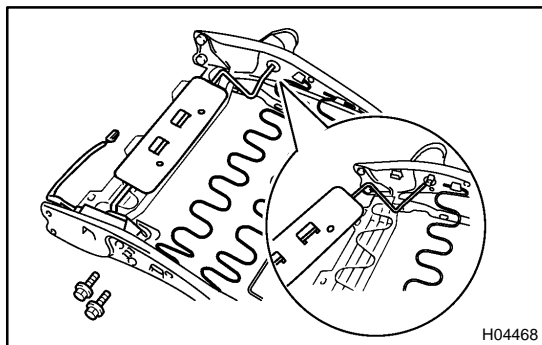
- (g) Remove the screw and the LH reclining adjuster inside shield.

13. REMOVE ARMREST**14. w/o Side Airbag:
REMOVE SEATBACK FRAME**

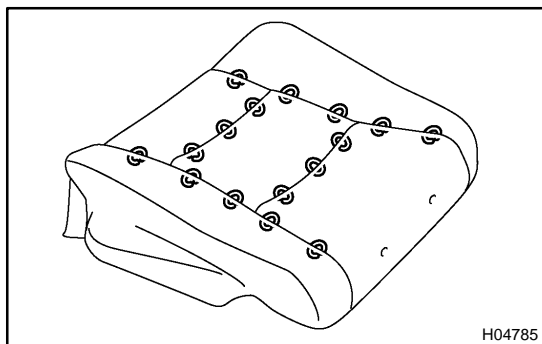
- (a) Remove the hog rings.
- (b) Remove the 2 headrest supports.
- (c) Remove the seatback frame from the seatback cover with pad.

**15. w/ Side Airbag:
REMOVE SEATBACK FRAME**

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

**16. REMOVE LUMBER SUPPORT**

Remove the 2 bolts, the lumbar support and the spacer.

**17. REMOVE SEATBACK COVER**

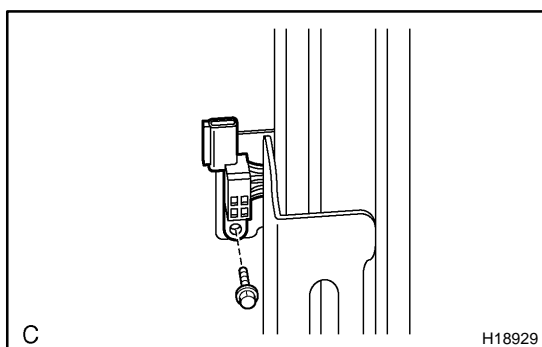
Remove the hog rings and the seatback cover from the seatback pad.

18. IF NECESSARY, REPLACE SEATBACK HEATER

(See page [BO-1 10](#))

19. REMOVE SEAT POSITION CONTROL RELAY

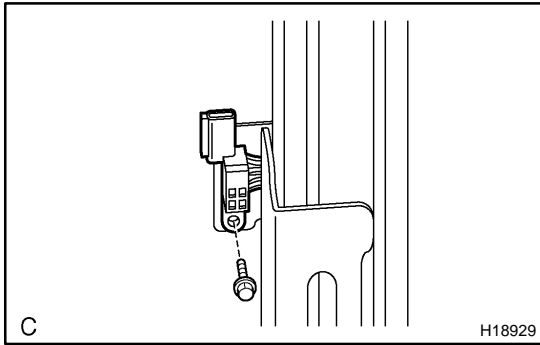
- (a) Disconnect the connectors.
- (b) Remove the 2 bolts and the seat position control relay.

**20. Driver's Side:****REMOVE SEAT POSITION SENSOR**

Remove the bolt and the seat position sensor then disconnect the connector.

INSTALLATION

Installation is in the reverse order of removal (See page [BO-105](#)).



REASSEMBLY

1. Driver's Side:

INSTALL SEAT POSITION SENSOR

Install the seat position sensor with a new bolt, then connect the connector.

Part No.:

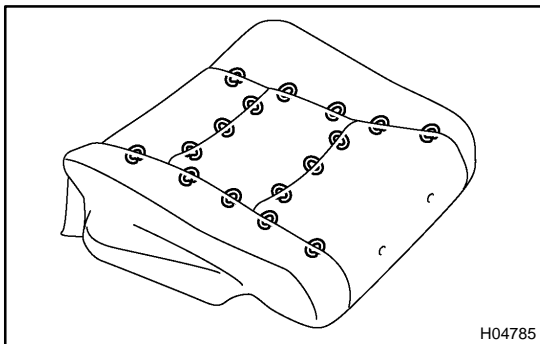
Bolt: 90119-06871

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

2. INSTALL SEAT POSITION CONTROL RELAY

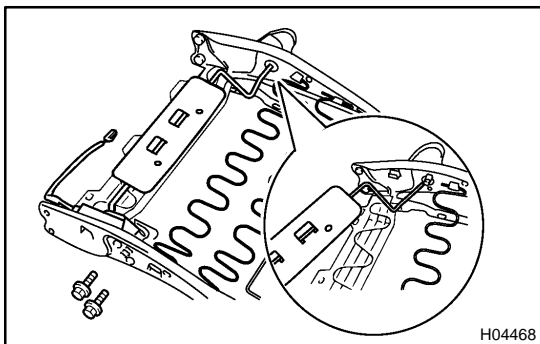
Install the seat position control relay with the 2 bolts, then connect the connectors.

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



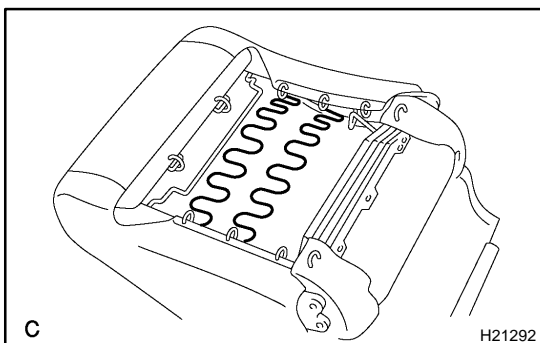
3. INSTALL SEATBACK COVER

Install the seatback cover to the seatback pad with new hog rings.



4. INSTALL LUMBER SUPPORT

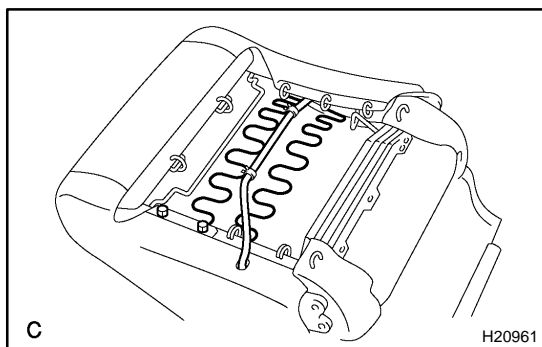
Install the lumbar support and the spacer with the 2 bolts.



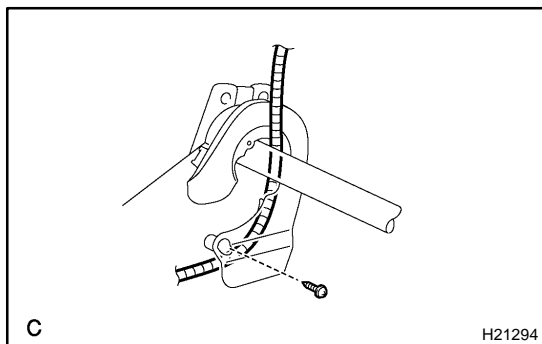
5. w/o Side Airbag:

INSTALL SEATBACK FRAME

- (a) Install the seatback cover to the seatback frame.
- (b) Install new hog rings.
- (c) Install the 2 headrest supports.



6. **w/ Side Airbag:**
INSTALL SEATBACK FRAME
- (a) Install the seatback cover to the seatback frame.
 - (b) Install new hog rings, the clamps and the 2 bolts.
Torque: 4.7 N-m (48 kgf-cm, 42 in.-lbf)
 - (c) Install the 2 headrest supports.



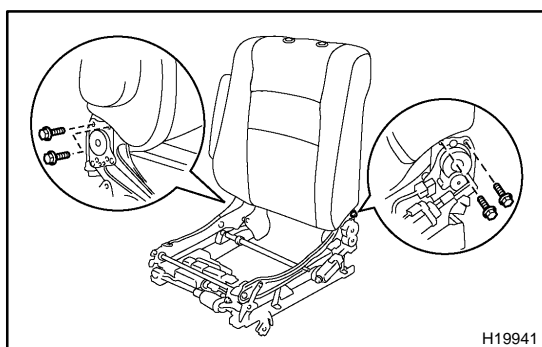
7. **INSTALL SEATBACK ASSEMBLY**

- (a) w/o Side Airbag:
 Install the RH reclining adjuster inside shield with a screw.
- (b) w/ Side Airbag:
 Place the airbag connector along the inner seat adjuster, and then install the RH reclining adjuster inside shield with a screw so that the connector is placed in between.

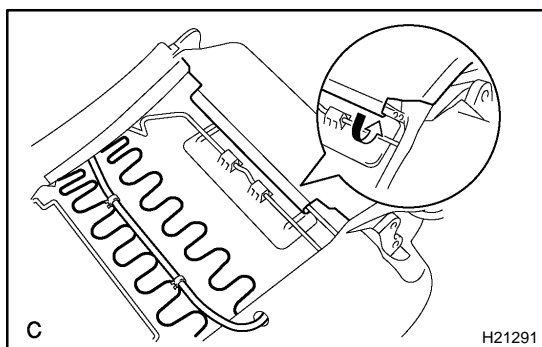
NOTICE:

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

- (c) Install the LH reclining adjuster inside shield with a screw.



- (d) Install the seatback assembly with the 4 bolts.
Torque: 43 N-m (440 kgf-cm, 32 ft-lbf)
- (e) Install new hog rings.



- (f) Hang the hook.
- (g) Connect the connectors.

8. **INSTALL ARMREST**

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

9. **INSTALL HEADREST**

10. **INSTALL SEAT CUSHION COVER (See page BO-1 10)**

11. **INSTALL SEAT CUSHION FRAME**

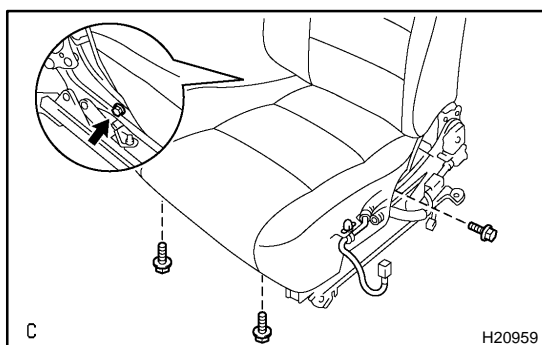
- (a) Install the seat cushion frame with new hog rings to the seat cushion cover with pad.
- (b) Hang the hook.

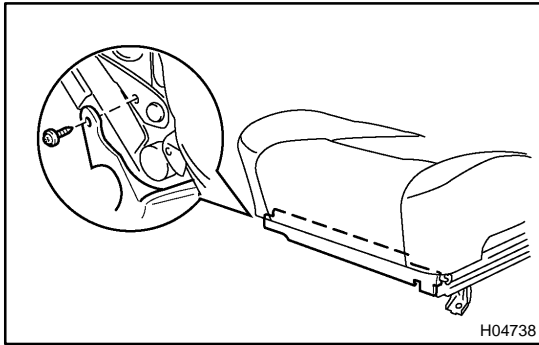
12. **INSTALL SEAT CUSHION ASSEMBLY**

- (a) Install the seat cushion assembly with the 4 bolts to the seat adjuster.

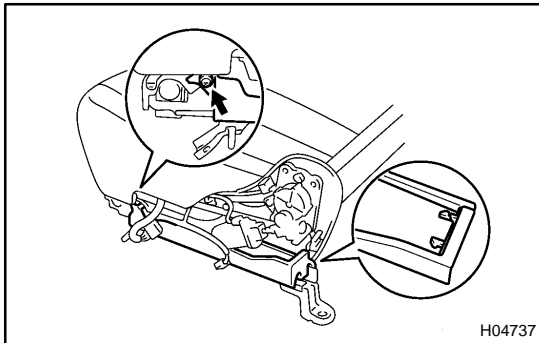
Torque: 21 N-m (210 kgf-cm, 15 ft-lbf)

- (b) Engage the wire harness clamp.

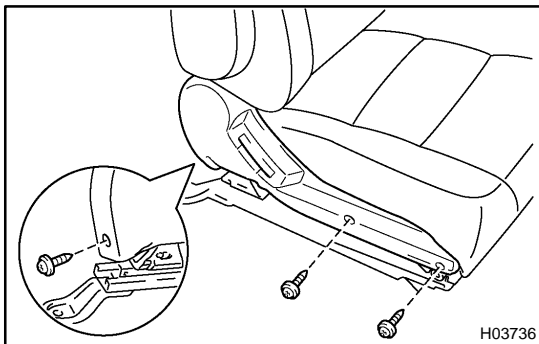


**13. INSTALL FRONT SEAT CUSHION SHIELD**

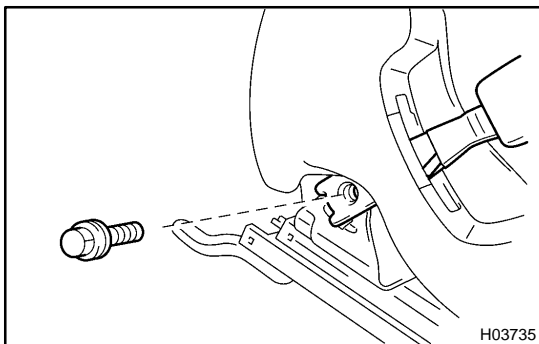
Install the seat cushion shield with the screw.

**14. INSTALL LOWER SEAT CUSHION SHIELD**

Install the seat cushion shield with the screw.

**15. INSTALL SEAT CUSHION INNER SHIELD**

Install the seat cushion inner shield with the 3 screws.

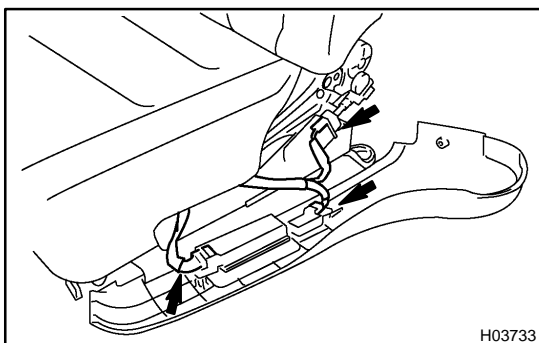
**16. INSTALL FRONT SEAT INNER BELT**

- (a) Engage the clamp, then connect the connector.
- (b) Install the inner belt with the bolt.

Torque: 42 N·m (430 kgf·cm, 31 ft·lbf)

17. INSTALL SEAT CUSHION OUTER SHIELD

- (a) Install the power seat switch with the 3 screws.
- (b) Install the lumbar support switch with the 2 screws.



- (c) Connect the connectors as shown in the illustration.
- (d) Install the seat cushion outer shield with the 4 screws.
- (e) Install the power seat switch knobs.

18. INSTALL SEATBACK BOARD

REMOVAL

1. REMOVE SEAT TRACK OUTER COVERS

Using a screwdriver, remove the 4 seat track outer covers.

HINT:

Tape up the screwdriver tip before use.

2. REMOVE FRONT SEAT

(a) Remove the 4 bolts.

Torque: 42 N·m (430 kgf·cm, 31 ft·lbf)

(b) Disconnect the connectors, then remove the front seat.

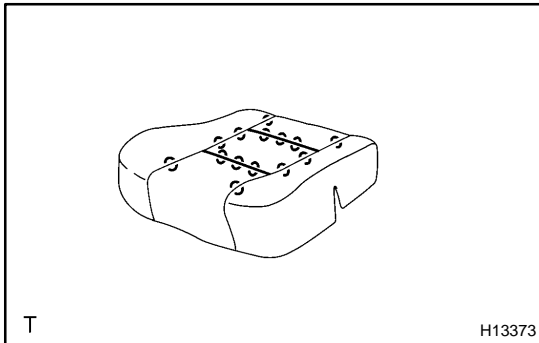
NOTICE:

- ★ **When handling the airbag connector, take care not to damage the airbag wire harness.**
- ★ **Be careful not to damage the body.**

REPLACEMENT

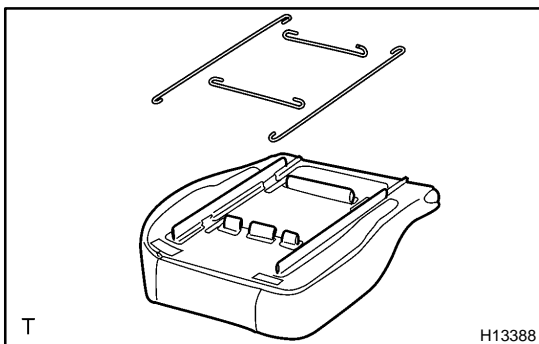
HINT:

- ★ Following is the seat heater replacement procedure.
- ★ Care should be taken during operation to protect the seat cover from scratches, dirt or accidental cut of thread.

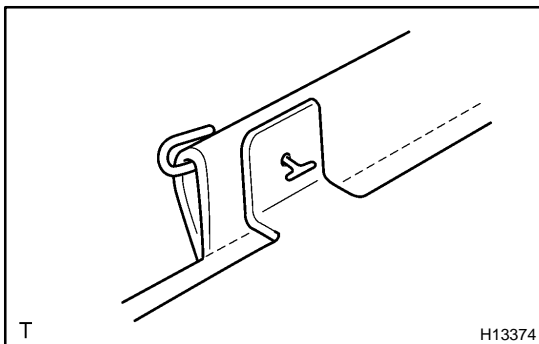


1. Seat cushion cover: REMOVE SEAT HEATER

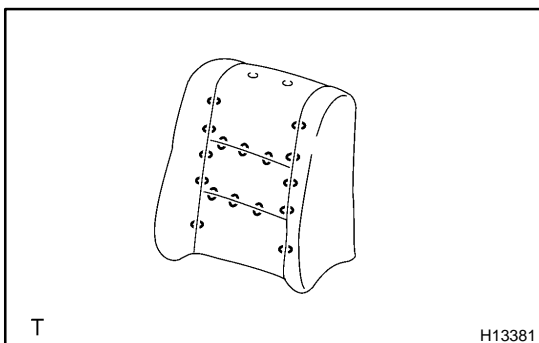
- (a) Remove the hog rings.
- (b) Remove the seat cushion cover from the pad.
- (c) Turn the seat cushion cover inside out.



- (d) Disconnect the seat wires.



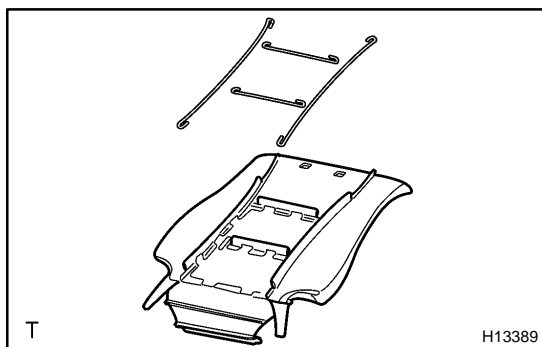
- (e) Remove the tack pins which are fastened to the heater.
- (f) Remove the seat heater from the seat cushion cover.



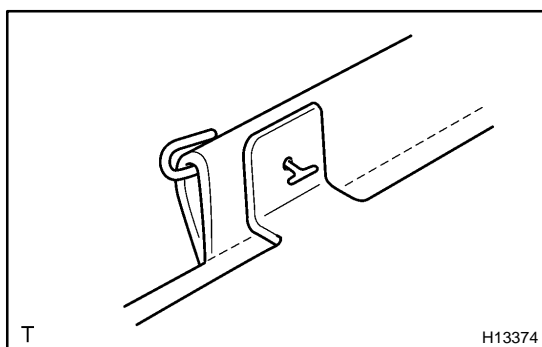
2. Seatback cover: REMOVE SEAT HEATER

- (a) Remove the hog rings and the wires.
- (b) Remove the seatback cover from the pad.
- (c) Turn the seatback cover inside out.

BODY - FRONT SEAT



(d) Disconnect the seat wires.



(e) Remove the tack pins which are fastened to the seat heater.

(f) Remove the seat heater from the seatback cover.

3. INSTALL SEAT HEATER TO SEAT COVER

Using a tacker, install a new seat heater to the seat cushion cover with tack pins.

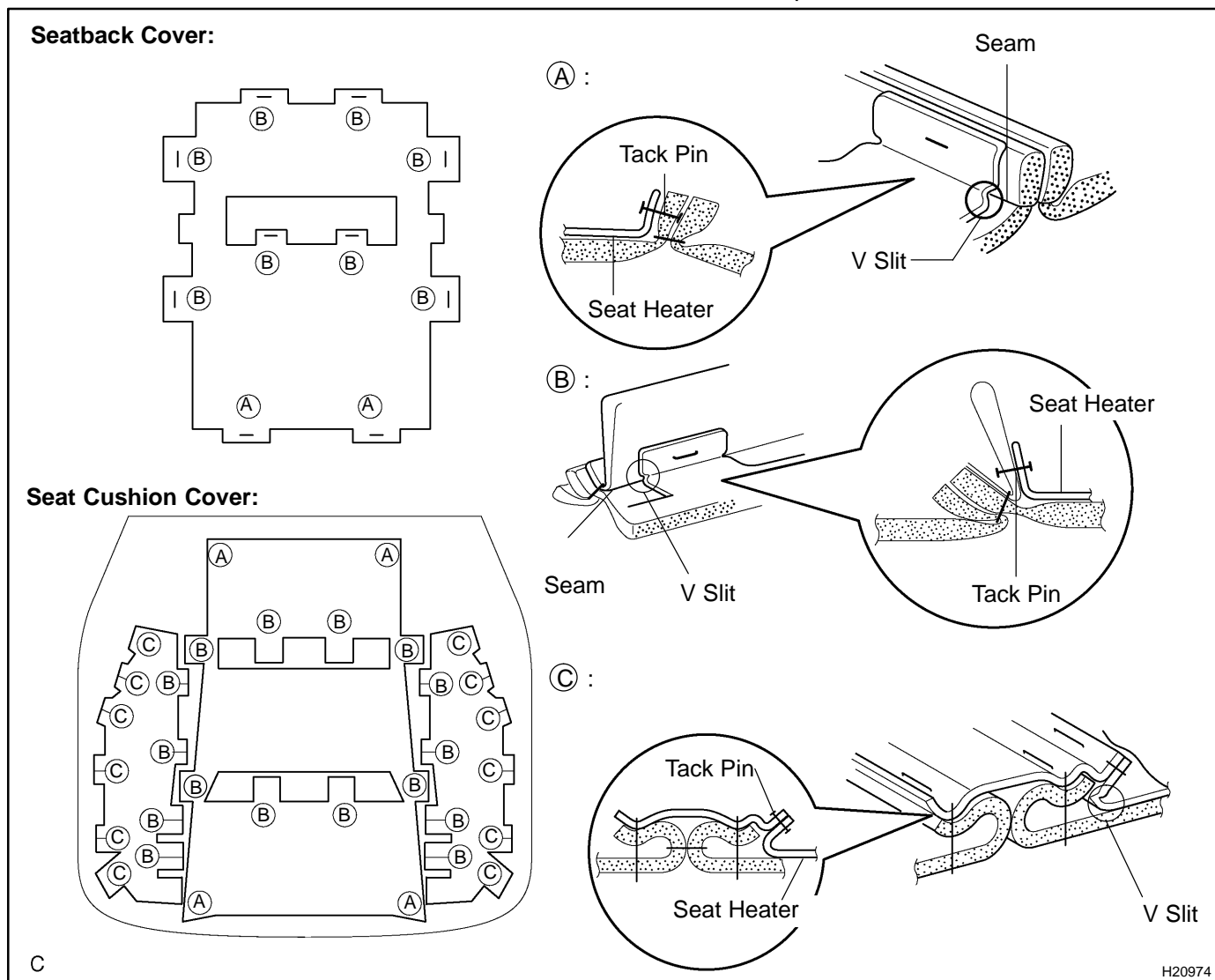
Tacker: BANZAI 303XT or equivalent

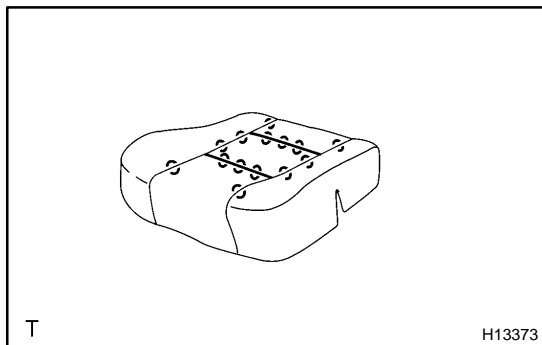
NOTICE:

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

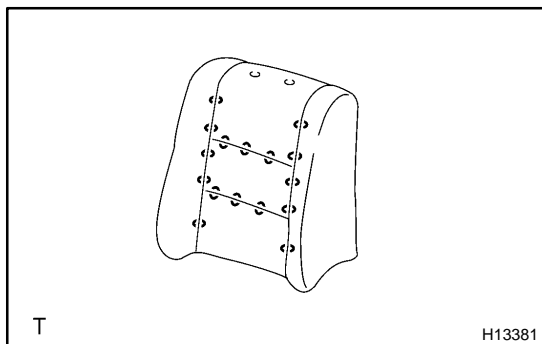
HINT:

- ★ Illustration "A" and "B":
Fasten the cover and the heater with the tack pins matching the seam with the V slit of the heater.
- ★ Illustration "C":
Fasten the out-stretch cloth pad and the heater with the tack pins matching the edge of the cloth pad with the V slit of the heater.
- ★ Sewing thread can be substituted for the tack pins. However, allow a distance of 6 - 7 mm (0.24 - 0.28 in.) between both sewed parts of the heater and the cover.

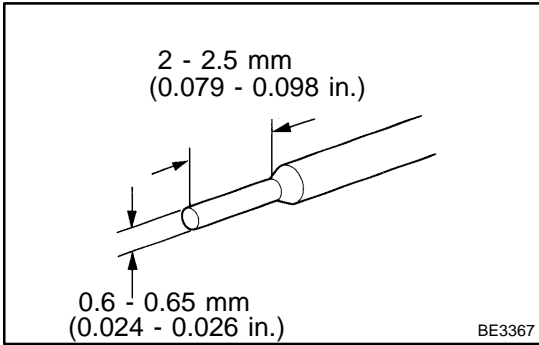


**4. INSTALL SEAT CUSHION COVER TO SEAT CUSHION PAD**

- (a) Thread the wires through the listing pocket.
- (b) Install the seat cushion cover with new hog rings.
- (c) Turn the seat cushion cover inside out to put it back to its original position.

**5. INSTALL SEATBACK COVER TO PAD**

- (a) Thread the wires through the listing pocket.
- (b) Turn the seatback cover inside out to put it back to its original position.
- (c) Install the seatback cover to pad with new hog rings.



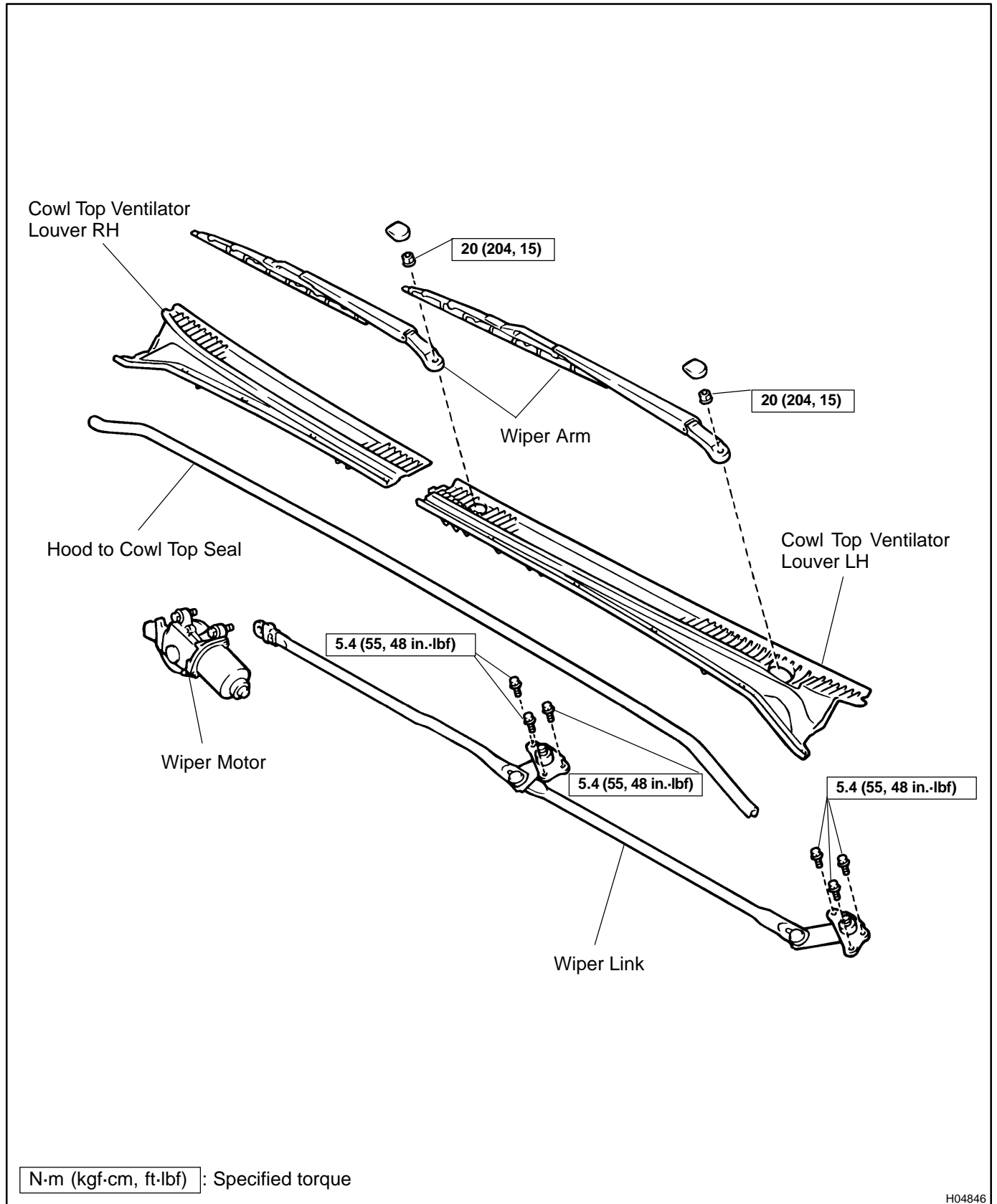
ADJUSTMENT

ADJUST WASHER NOZZLE

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

FRONT WIPER AND WASHER COMPONENTS

BO1JR-03



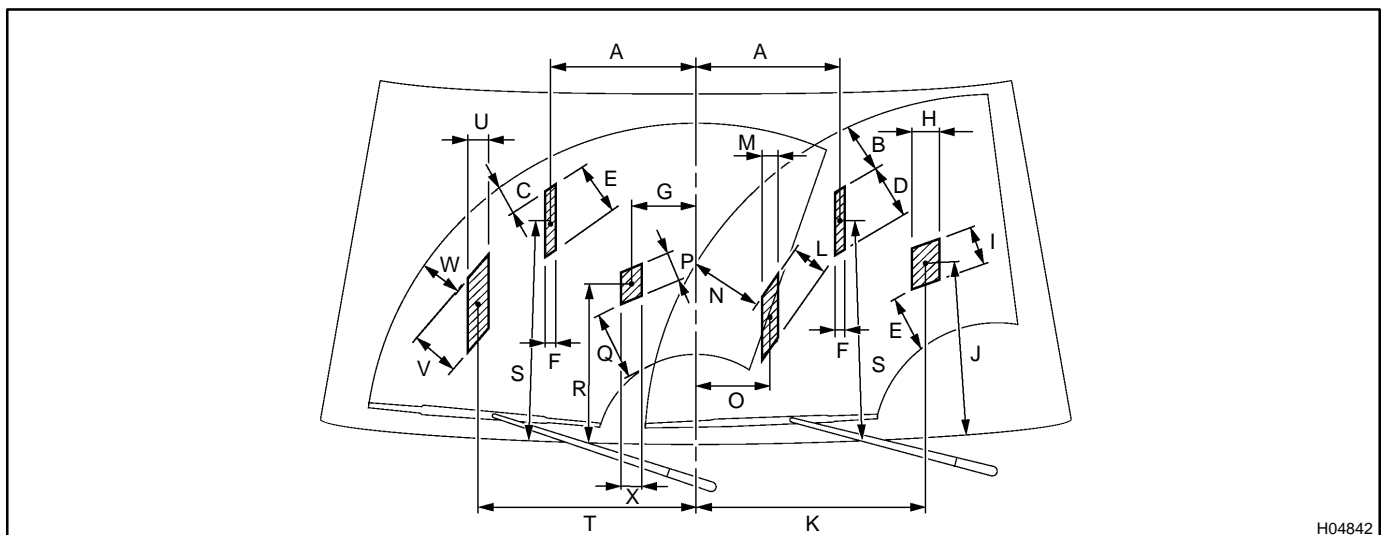
H04846

INSPECTION

INSPECT WASHER NOZZLE

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

- A: Approx. 311 mm (12.24 in.)
- B: Approx. 110 mm (4.33 in.)
- C: Approx. 86 mm (3.39 in.)
- D: Approx. 116 mm (4.57 in.)
- E: Approx. 205 mm (8.07 in.)
- F: Approx. 22 mm (0.87 in.)
- G: Approx. 138 mm (5.43 in.)
- H: Approx. 60 mm (2.36 in.)
- I: Approx. 85 mm (3.35 in.)
- J: Approx. 364 mm (14.33 in.)
- K: Approx. 496 mm (19.53 in.)
- L: Approx. 81 mm (3.19 in.)
- M: Approx. 35 mm (1.38 in.)
- N: Approx. 157 mm (6.18 in.)
- O: Approx. 159 mm (6.26 in.)
- P: Approx. 63 mm (2.48 in.)
- Q: Approx. 169 mm (6.65 in.)
- R: Approx. 331 mm (13.03 in.)
- S: Approx. 465 mm (18.31 in.)
- T: Approx. 468 mm (18.43 in.)
- U: Approx. 45 mm (1.77 in.)
- V: Approx. 104 mm (4.09 in.)
- W: Approx. 119 mm (4.69 in.)
- X: Approx. 44 mm (1.73 in.)



H04842

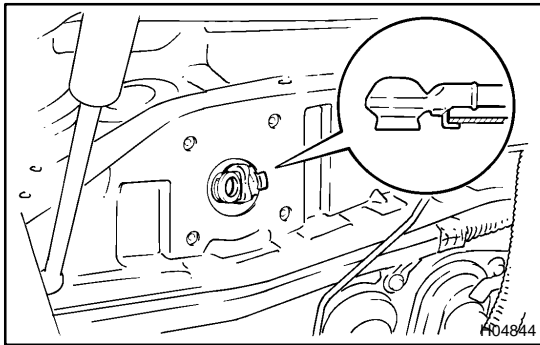
INSTALLATION

1. INSTALL WASHER NOZZLES

2. INSTALL WIPER LINK

Install the wiper link through the service hole, then torque the 6 bolts.

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



HINT:

When installing the wiper link, connect the claw of wiper link to the panel.

3. INSTALL WIPER MOTOR

- Connect the wiper motor to wiper link.
- Torque the 4 bolts.
- Connect the connector.

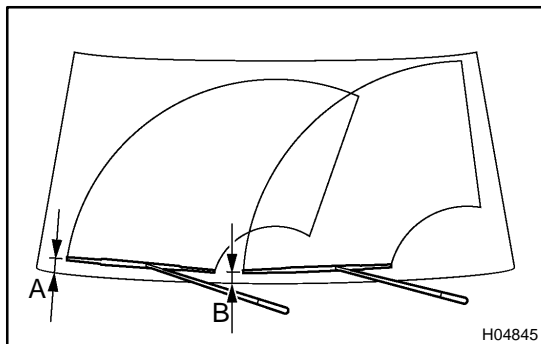
4. INSTALL COWL TOP VENTILATOR LOUVERS

- Install the cowl top ventilator louver LH.
- Install the cowl top ventilator louver RH.

5. INSTALL HOOD TO COWL TOP SEAL

6. INSTALL WIPER ARMS

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



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

A: Approx. 40 mm (1.57 in.)

B: Approx. 16 - 26 mm (0.63 - 1.02 in.)

- Torque the nuts.

Torque: 20 N·m (204 kgf·cm, 15 ft·lbf)

- Install the wiper arm caps.

REMOVAL

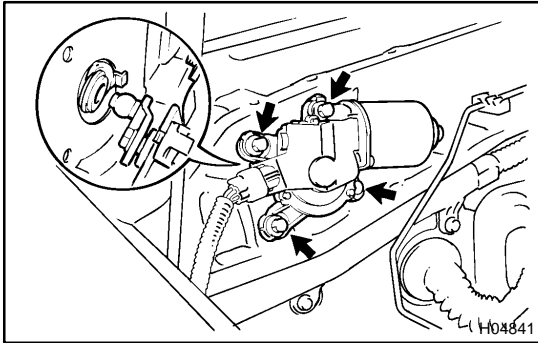
1. REMOVE WIPER ARMS

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

2. REMOVE HOOD TO COWL TOP SEAL

3. REMOVE COWL TOP VENTILATOR LOUVERS

- (a) Remove the cowl top ventilator louver RH.
- (b) Remove the cowl top ventilator louver LH.

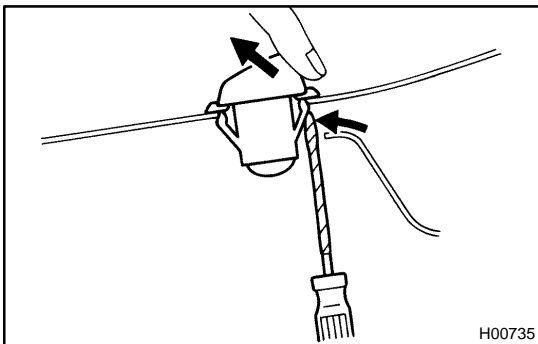


4. REMOVE WIPER MOTOR

- (a) Disconnect the connector, unfasten the 4 bolts.
- (b) Disconnect the wiper motor from the wiper link, then remove the wiper motor.

5. REMOVE WIPER LINK

- (a) Loosen the 6 bolts.
- (b) Remove the wiper link through the service hole.



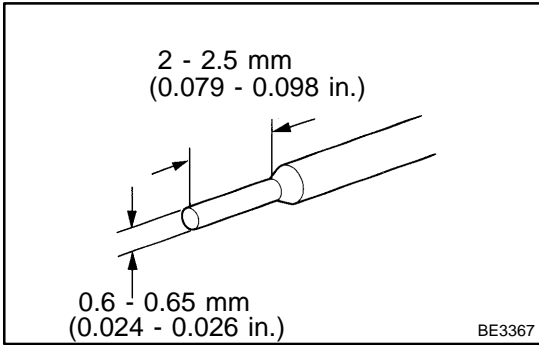
6. REMOVE WASHER NOZZLE

- (a) Disconnect the washer hose.
- (b) Using a screwdriver, remove the washer nozzle.

HINT:

Tape the screwdriver tip before use.

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



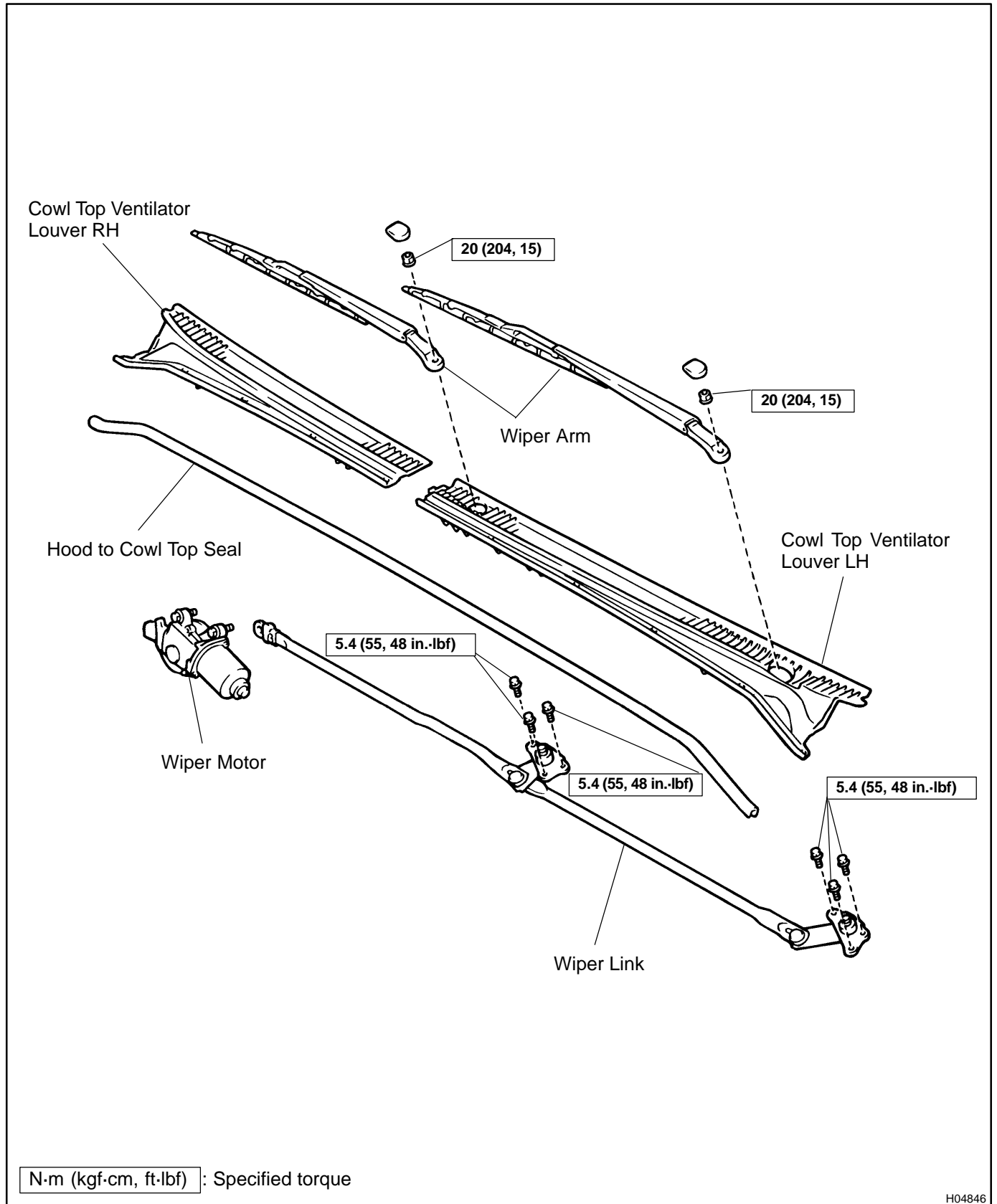
ADJUSTMENT

ADJUST WASHER NOZZLE

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

FRONT WIPER AND WASHER COMPONENTS

BO1JR-03



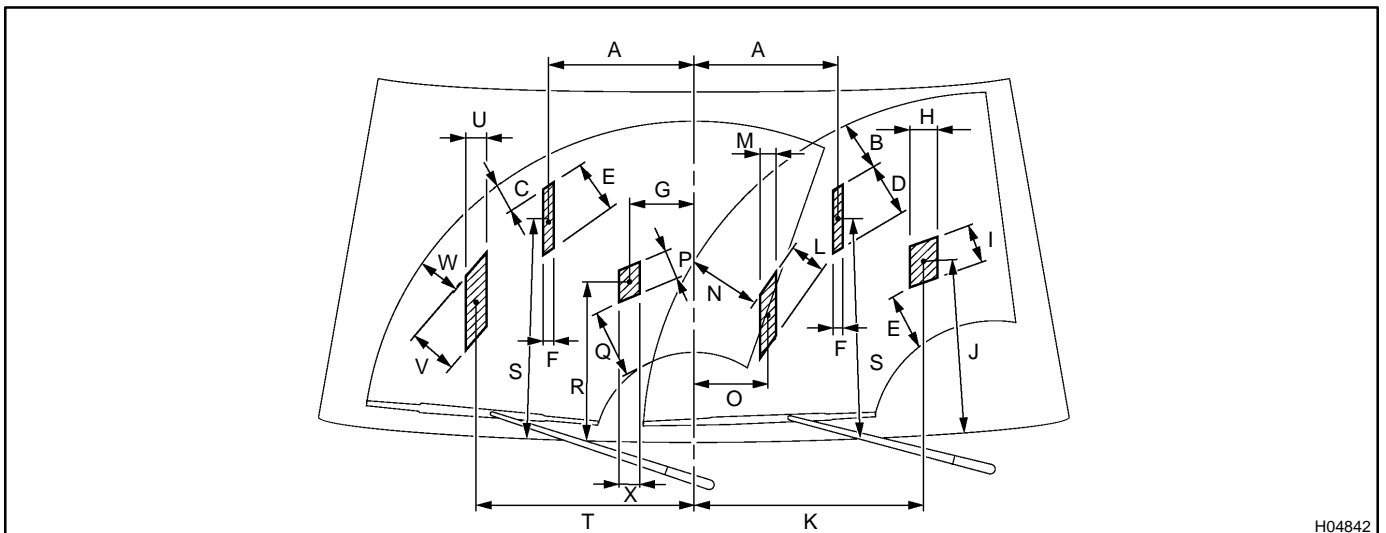
H04846

INSPECTION

INSPECT WASHER NOZZLE

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

- A: Approx. 311 mm (12.24 in.)
- B: Approx. 110 mm (4.33 in.)
- C: Approx. 86 mm (3.39 in.)
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- M: Approx. 35 mm (1.38 in.)
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H04842

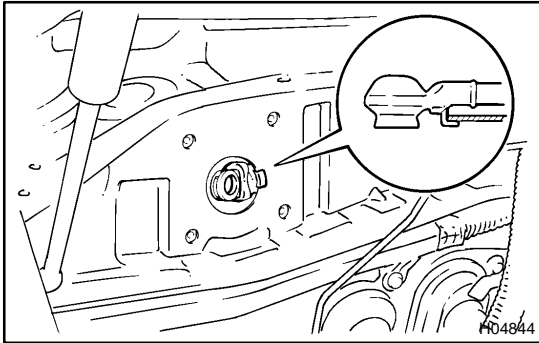
INSTALLATION

1. INSTALL WASHER NOZZLES

2. INSTALL WIPER LINK

Install the wiper link through the service hole, then torque the 6 bolts.

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



HINT:

When installing the wiper link, connect the claw of wiper link to the panel.

3. INSTALL WIPER MOTOR

- Connect the wiper motor to wiper link.
- Torque the 4 bolts.
- Connect the connector.

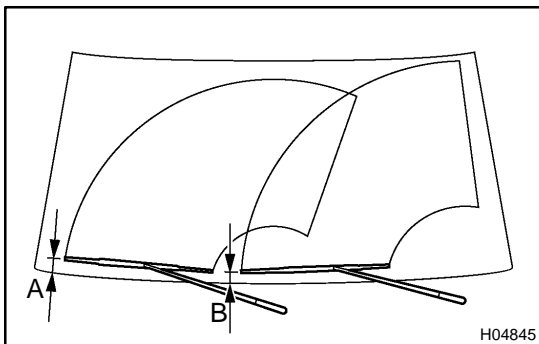
4. INSTALL COWL TOP VENTILATOR LOUVERS

- Install the cowl top ventilator louver LH.
- Install the cowl top ventilator louver RH.

5. INSTALL HOOD TO COWL TOP SEAL

6. INSTALL WIPER ARMS

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



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

A: Approx. 40 mm (1.57 in.)

B: Approx. 16 - 26 mm (0.63 - 1.02 in.)

- Torque the nuts.

Torque: 20 N·m (204 kgf·cm, 15 ft·lbf)

- Install the wiper arm caps.

REMOVAL

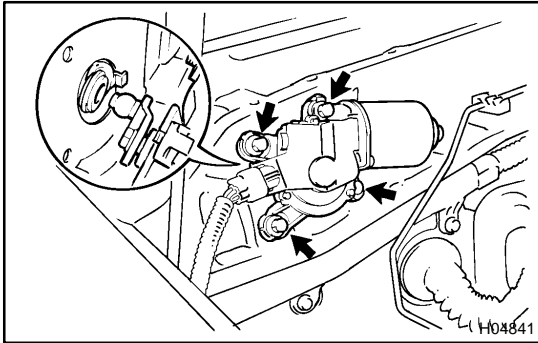
1. REMOVE WIPER ARMS

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

2. REMOVE HOOD TO COWL TOP SEAL

3. REMOVE COWL TOP VENTILATOR LOUVERS

- (a) Remove the cowl top ventilator louver RH.
- (b) Remove the cowl top ventilator louver LH.

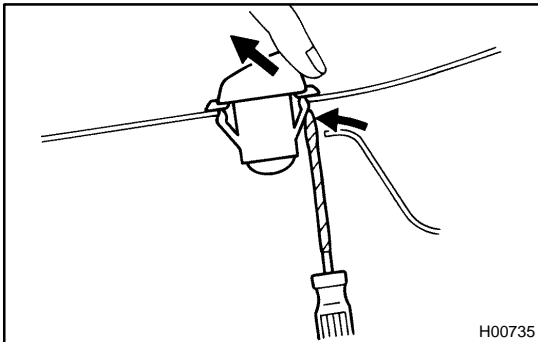


4. REMOVE WIPER MOTOR

- (a) Disconnect the connector, unfasten the 4 bolts.
- (b) Disconnect the wiper motor from the wiper link, then remove the wiper motor.

5. REMOVE WIPER LINK

- (a) Loosen the 6 bolts.
- (b) Remove the wiper link through the service hole.



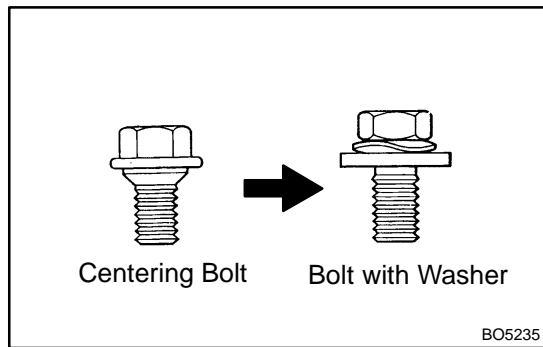
6. REMOVE WASHER NOZZLE

- (a) Disconnect the washer hose.
- (b) Using a screwdriver, remove the washer nozzle.

HINT:

Tape the screwdriver tip before use.

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

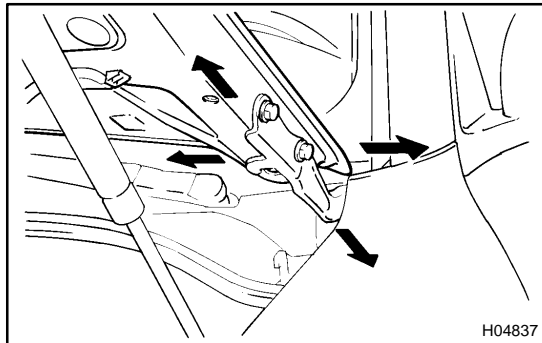


HOOD ADJUSTMENT

BO1J8-03

HINT:

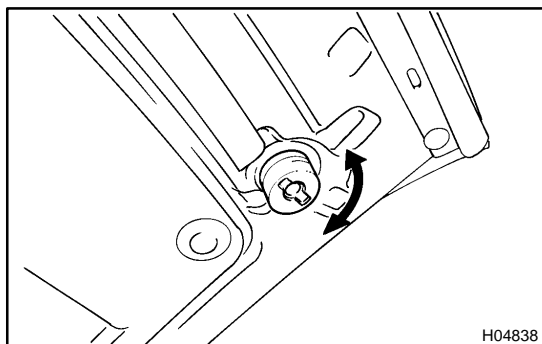
Since the centering bolt is used as a hood hinge set bolt, the hood cannot be adjusted with it on. Substitute the bolt with a washer for the centering bolt.



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

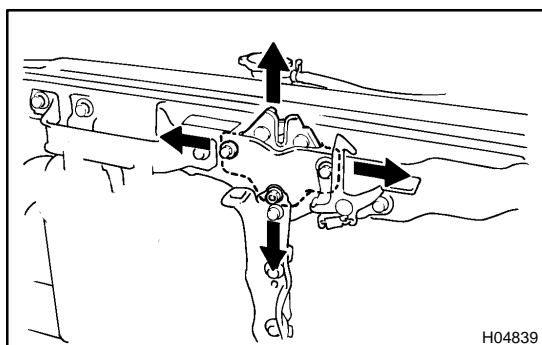
Adjust the hood by loosening the hood side hinge bolts.

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



2. ADJUST FRONT EDGE OF HOOD IN VERTICAL DIRECTION

Adjust the hood by turning the cushions.



3. ADJUST HOOD LOCK

Adjust the lock by loosening the bolts.

HOOD SUPPORT REPLACEMENT

BO1J9-03

1. REMOVE HOOD SUPPORT

- (a) Remove the bolt and hood support from the hood.

HINT:

While supporting the hood by hand, remove the hood support from the hood.

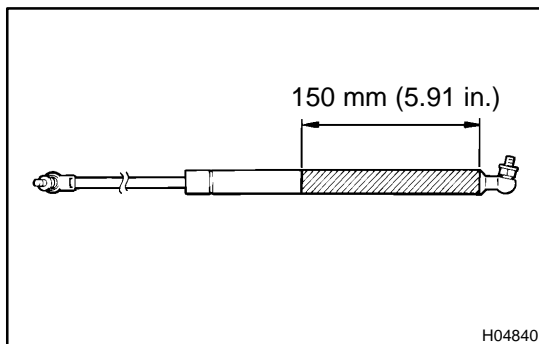
- (b) Remove the bolt and hood support.

2. IF NECESSARY, REPLACE HOOD SUPPORT

NOTICE:

Handling the hood support

- ★ Do not disassemble the support as the cylinder is filled with pressurized gas.



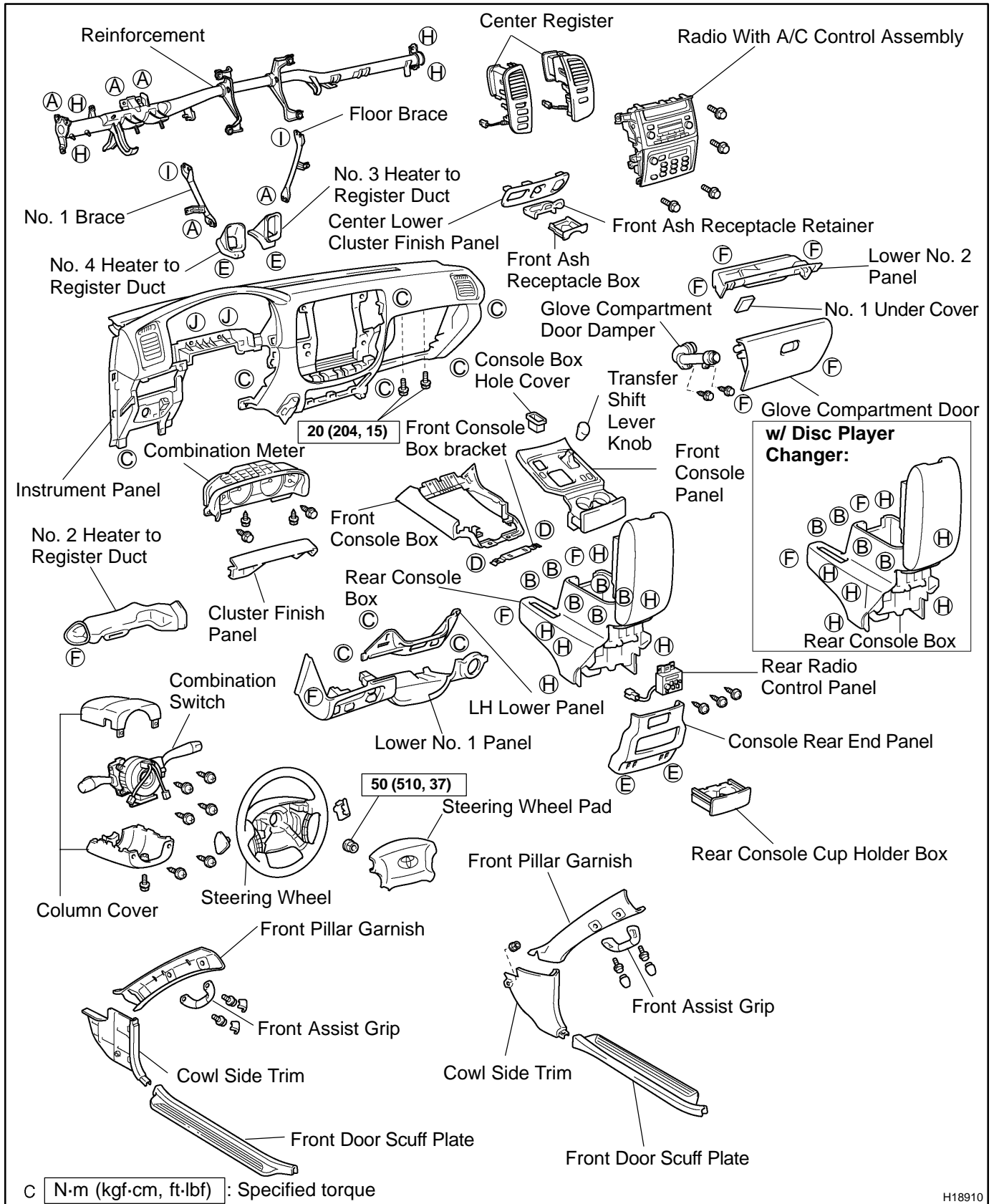
- ★ If the hood support is to be replaced, drill a 2.0 - 3.0 mm (0.079 - 0.118 in.) hole in the area shown in the illustration to completely release the high pressure gas before disposing of it.
- ★ When drilling, chips may fly out so work carefully.
- ★ The gas is colorless, odorless and non - toxic.
- ★ When working, handle the hood 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 hood support fully extended.

3. INSTALL HOOD SUPPORT

- (a) Install the bolt and hood support to the body.
- (b) Install the bolt and hood support to the hood.

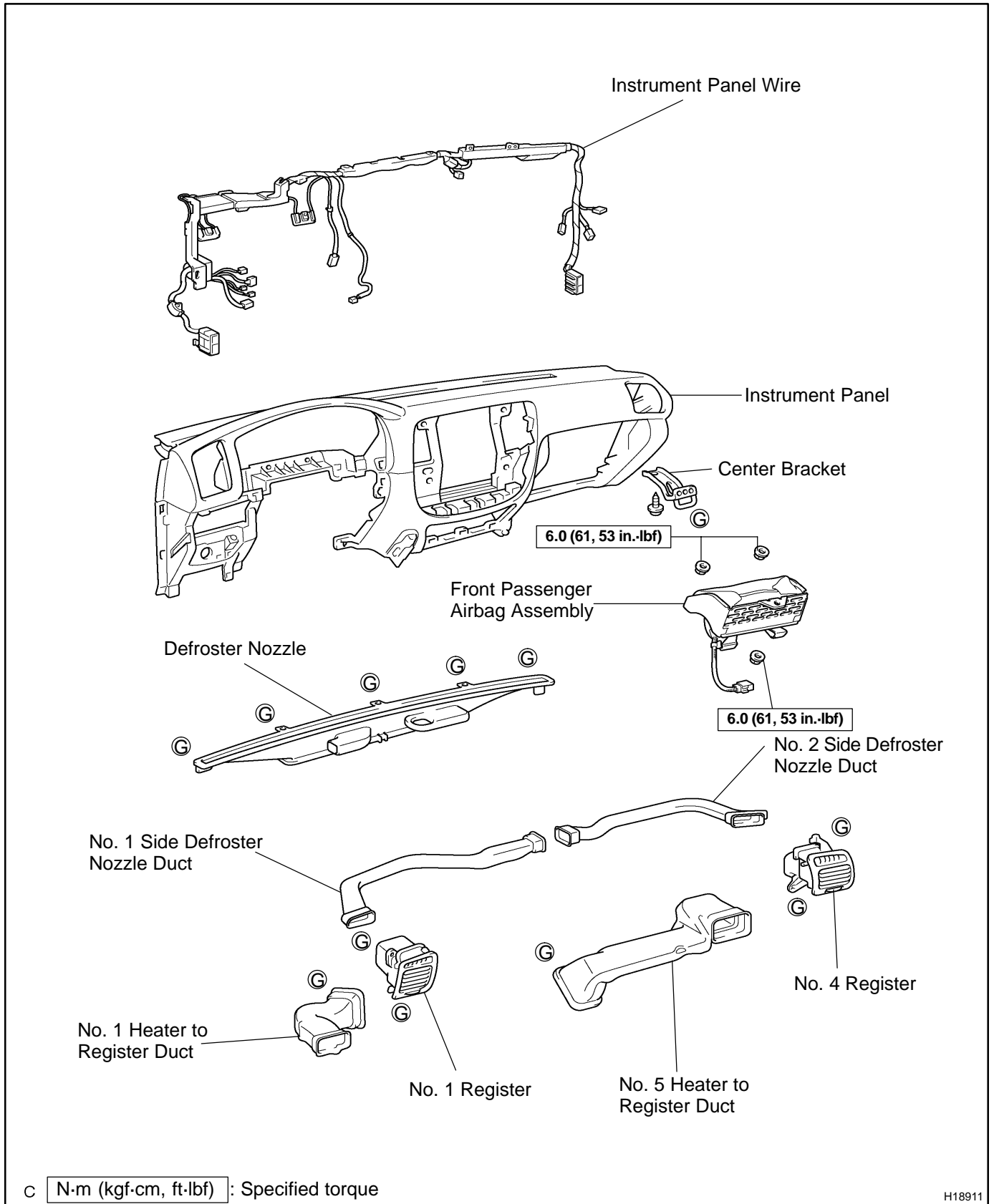
INSTRUMENT PANEL COMPONENTS

BO1KK-04



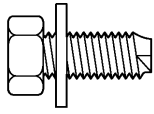
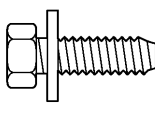
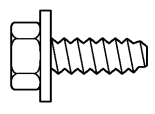
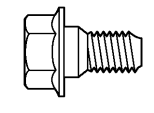
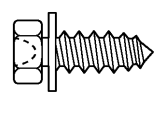
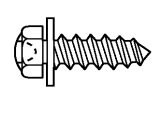
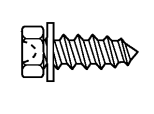
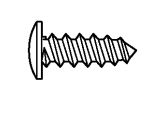
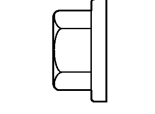
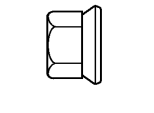
C N·m (kgf·cm, ft·lbf) : Specified torque

H18910



HINT:

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

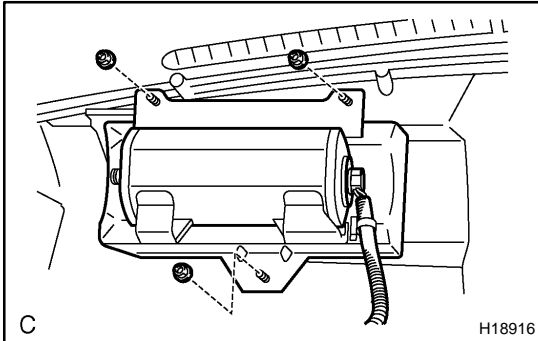
		mm (in.)						
	Shape	Size		Shape	Size		Shape	Size
Ⓐ		∅ = 8 (0.31) L = 16 (0.63)	Ⓑ		∅ = 6 (0.24) L = 18 (0.71)	Ⓒ		∅ = 6 (0.24) L = 16 (0.63)
Ⓓ		∅ = 6 (0.24) L = 11 (0.43)	Ⓔ		∅ = 6 (0.24) L = 16 (0.63)	Ⓕ		∅ = 5 (0.20) L = 16 (0.63)
Ⓖ		∅ = 5 (0.20) L = 14 (0.55)	Ⓖ		∅ = 5 (0.20) L = 14 (0.55)	Ⓖ		∅ = 8 (0.31)
Ⓙ		∅ = 6 (0.24)						

C

H21419

DISASSEMBLY

1. REMOVE NO. 2 SIDE DEFROSTER NOZZLE DUCT
2. REMOVE NO. 1 SIDE DEFROSTER NOZZLE DUCT
3. REMOVE DEFROSTER NOZZLE
4. REMOVE CENTER BRACKET
5. REMOVE NO. 1 HEATER TO REGISTER DUCT
6. REMOVE INSTRUMENT PANEL WIRE HARNESS
7. REMOVE NO. 5 HEATER TO REGISTER DUCT



8. REMOVE FRONT PASSENGER AIRBAG ASSEMBLY
Remove the 3 nuts and the front passenger airbag assembly.

Torque: 6.0 N·m (61 kgf·cm, 53 in.-lbf)

CAUTION:

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

NOTICE:

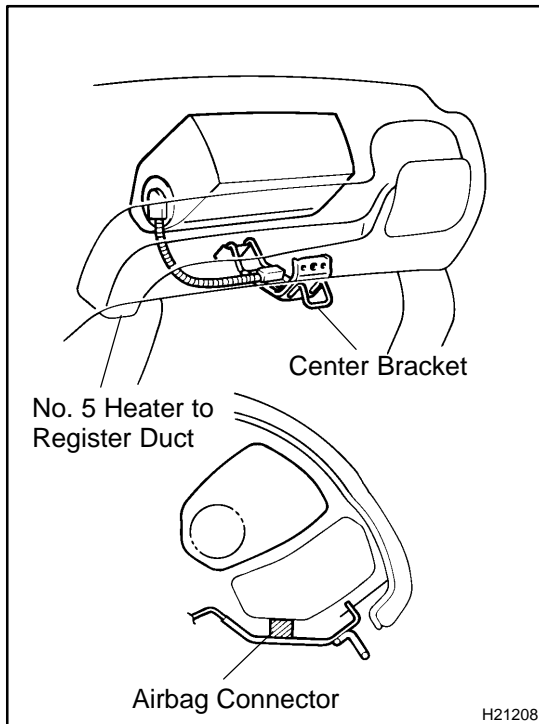
At the time of reassembly, please refer to the following items.

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

9. REMOVE NO. 1 REGISTER
10. REMOVE NO. 4 REGISTER

INSTALLATION

1. INSTALL REINFORCEMENT
2. INSTALL NO. 1 BRACE
3. INSTALL FLOOR BRACE
4. INSTALL GLOVE COMPARTMENT DOOR DAMPER
5. INSTALL NO. 4 HEATER TO REGISTER DUCT
6. INSTALL NO. 3 HEATER TO REGISTER DUCT
7. INSTALL ECM (See page [SF-60](#))



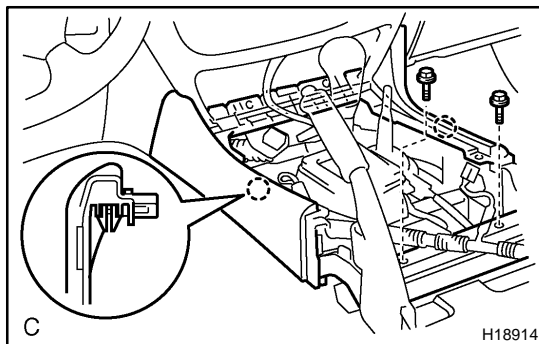
8. INSTALL INSTRUMENT PANEL

HINT:

- ★ Install the airbag connector between the No. 5 heater to register duct and the center bracket temporarily, then install the instrument panel.
 - ★ Remove the airbag connector before installing the lower No. 2 panel.
- (a) Install the 6 bolts, the 2 nuts and the instrument panel, then connect the connectors.
 - (b) Install the 2 bolts to the front passenger airbag assembly.
Torque: 20 N·m (204 kgf·cm, 15 ft·lbf)
 - (c) Connect the junction connectors.

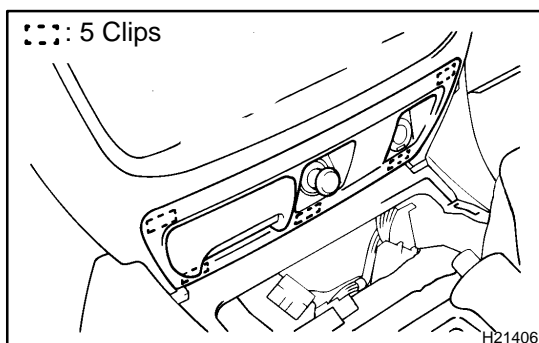
HINT:

The connectors can be connected by tightening the bolts.



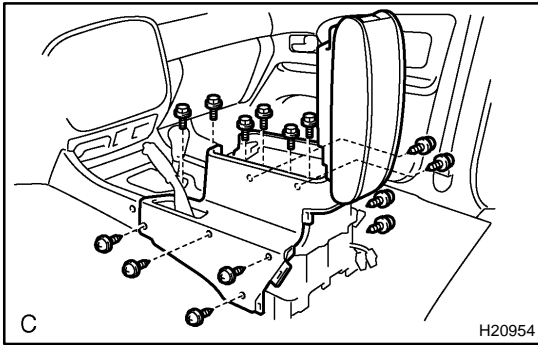
9. INSTALL FRONT CONSOLE BOX AND FRONT CONSOLE BOX BRACKET

Install the front console box and the front console box bracket with the 2 bolts.

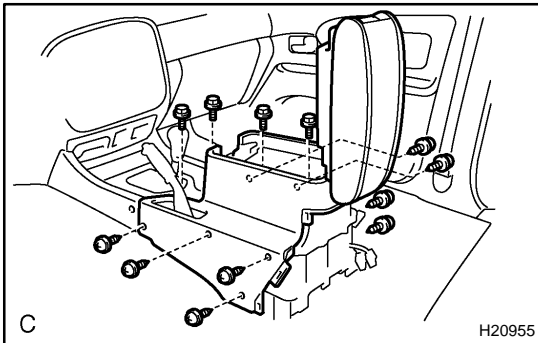


10. INSTALL CENTER LOWER CLUSTER FINISH PANEL

Connect the connector, then install the center lower cluster finish panel.

**11. INSTALL REAR CONSOLE BOX**

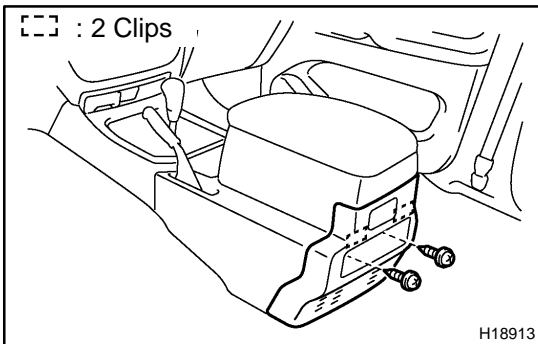
- (a) w/o Disc player changer:
Install the rear console box with the 6 bolts and the 8 screws.



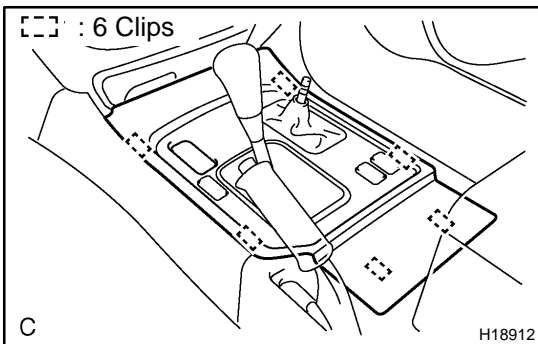
- (b) w/ Disc player changer:
Install the rear console box with the 4 bolts and the 8 screws.

12. INSTALL REAR RADIO CONTROL PANEL

Install the rear radio control panel with the 3 screws, then connect the connector.

**13. INSTALL CONSOLE REAR END PANEL**

- (a) Install the console rear end panel with the 2 screws.
(b) Install the rear console cup holder box.

**14. INSTALL FRONT CONSOLE PANEL**

Install the front console panel, then install the transfer shift lever knob.

15. INSTALL RADIO WITH A/C CONTROL ASSEMBLY**HINT:**

w/ Navigation System:

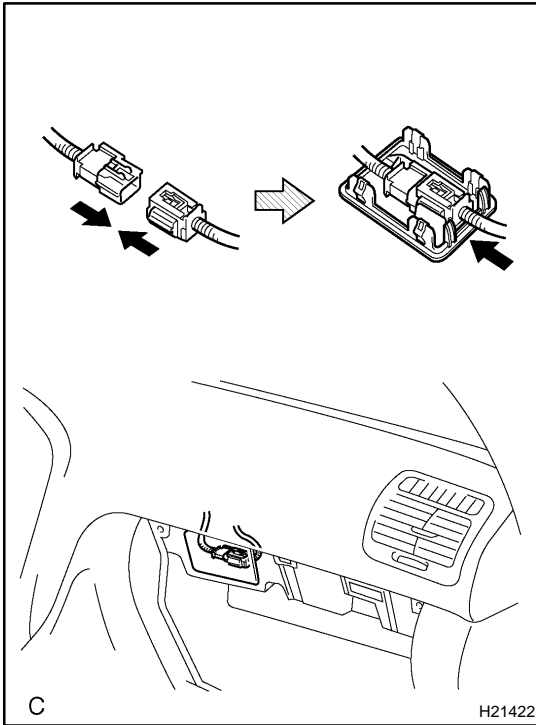
When removing/installing or replacing EMV, or when disconnecting/connecting the battery terminal, turn the IG ON and OFF twice for initial display setting.

16. INSTALL CENTER REGISTERS

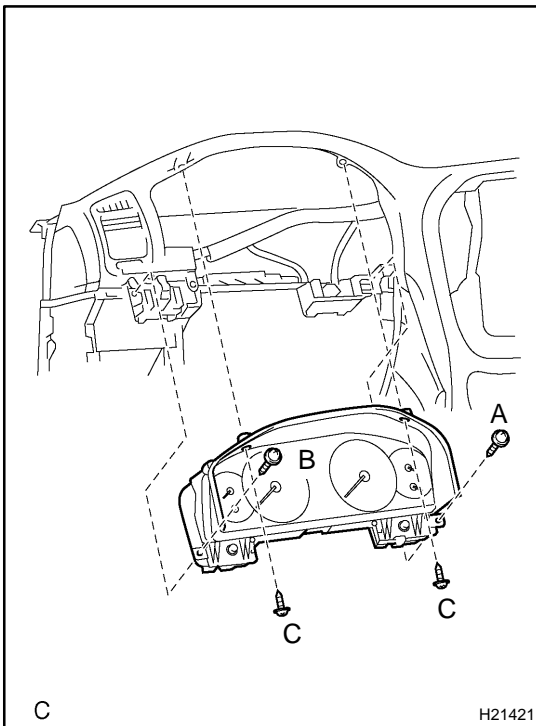
Connect the connectors, then install the center registers.

17. INSTALL LOWER NO. 2 PANEL

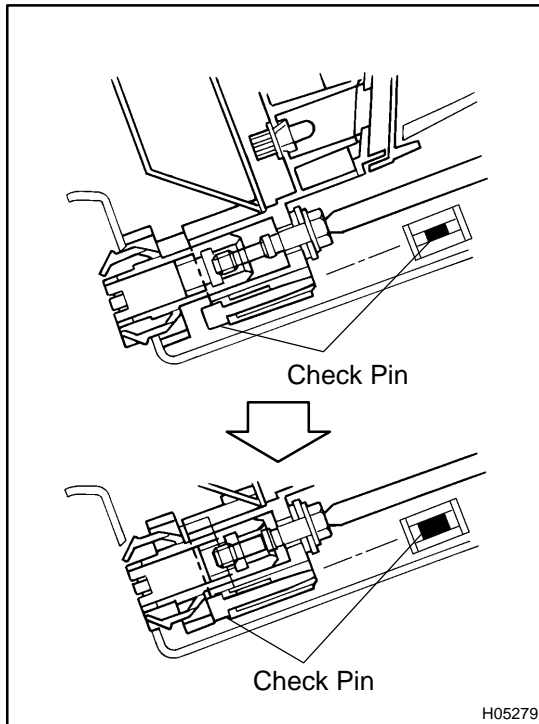
Install the lower No. 2 panel with the 3 screws.



- 18. CONNECT AIRBAG CONNECTOR (See page RS-41)**
- 19. INSTALL GLOVE COMPARTMENT DOOR**
- (a) Connect the glove compartment door damper clip, then install the glove compartment door.
- (b) Install the 2 screws.



- 20. INSTALL COMBINATION METER**
- (a) Check that the set-in connectors are connected securely in the installation holes on the instrument panel.
- (b) Place the combination meter on the instrument panel.
- (c) Install the combination meter by tightening the screws, "A", "B" and "C" in order.



(d) Tighten the connection bolts.

HINT:

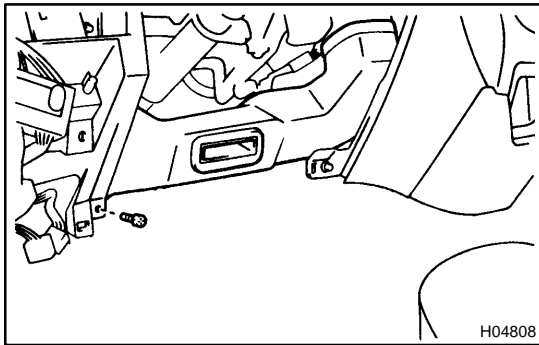
- ★ When connection completes, the bolts turns idly, causing turning noise.
- ★ Check that the connection check pins protrude from the lower side of the connection bolts.

NOTICE:

Follow the procedures in the order of (c) and (d). Otherwise, set-in connectors on the wire harness side and connectors on the meter side might not be connected properly.

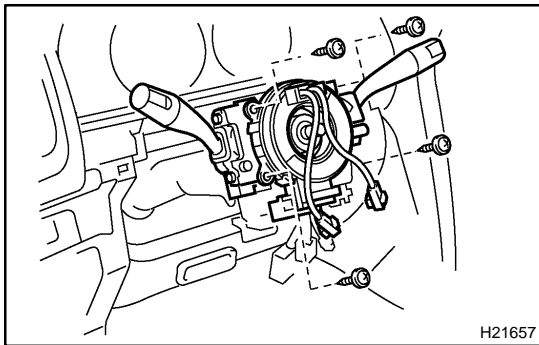
21. INSTALL STEERING COLUMN

(See page [SR-24](#) or [SR-37](#))



22. INSTALL NO. 2 HEATER TO REGISTER DUCT

Install the No. 2 heater to register duct with the screw.



23. INSTALL COMBINATION SWITCH

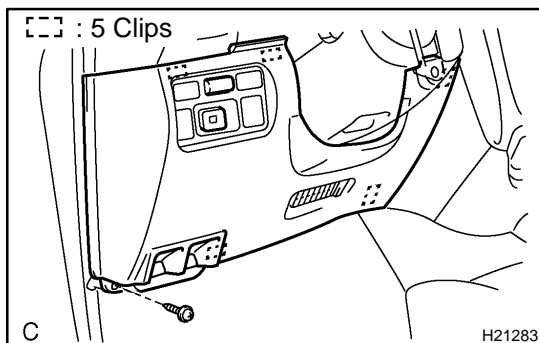
- (a) Install the combination switch with the 4 screws.
- (b) Install the clamp, then connect the connectors.

24. INSTALL COLUMN COVERS

Install the column covers with the 3 screws.

25. INSTALL LH LOWER PANEL

Install the LH lower panel with the 3 bolts.

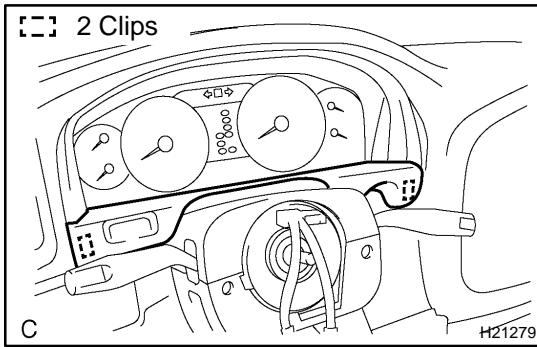


26. INSTALL LOWER NO. 1 PANEL

Connect the connector, then install the lower No. 1 panel with the screw.

27. INSTALL HOOD LOCK CONTROL CABLE LEVER AND FUEL LID CONTROL CABLE LEVER

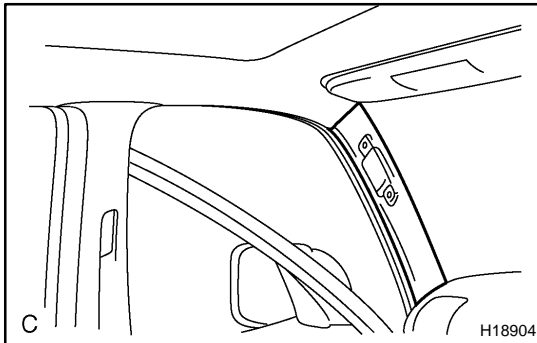
- (a) Install the fuel lid control cable lever with the 2 screws.
- (b) Install the hood lock control cable lever with the 2 screws.

**28. INSTALL CLUSTER FINISH PANEL**

Connect the connector, then install the cluster finish panel.

29. INSTALL STEERING WHEEL

(See page [SR-24](#) or [SR-37](#))

**30. INSTALL FRONT PILLAR GARNISH**

(a) Install the front pillar garnish.

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

31. INSTALL FRONT ASSIST GRIP

(a) Install the assist grip with the 2 screws, then install the 2 assist grip plugs.

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

32. INSTALL FRONT DOOR OPENING TRIMS**33. INSTALL COWL SIDE TRIMS****34. INSTALL FRONT DOOR SCUFF PLATES**

REASSEMBLY

Reassembly is in the reverse order of disassembly (See page [BO-89](#)).

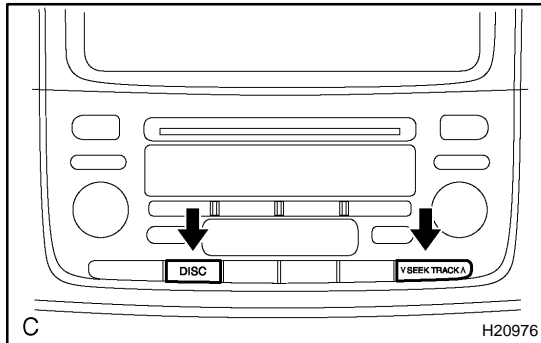
REMOVAL

1. w/ CD Changer Built In The Audio System: SHIP MODE SETTING

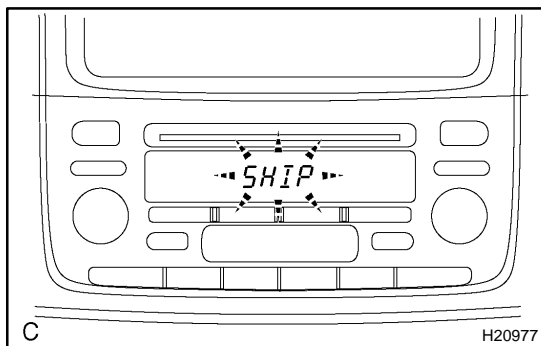
- (a) Take out all of the CDs.

NOTICE:

If they cannot be taken out, do not attempt to take out forcibly and send the unit for repair.



- (b) Turn the ignition switch to ACC as pressing the "SEEK UP" and "DISC" switches at the same time.



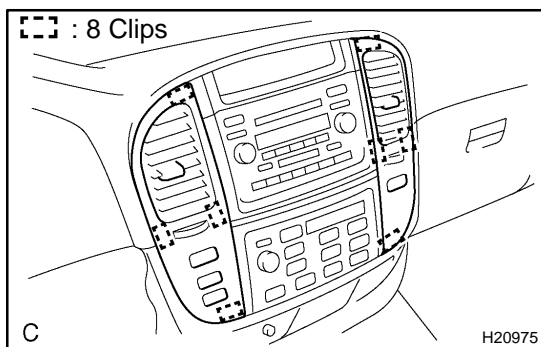
HINT:

When the ship mode has been set, "SHIP" must be displayed.

- (c) Turn the ignition switch to OFF and disconnect the battery negative cable.

NOTICE:

Connecting the battery negative cable automatically end the ship mode.

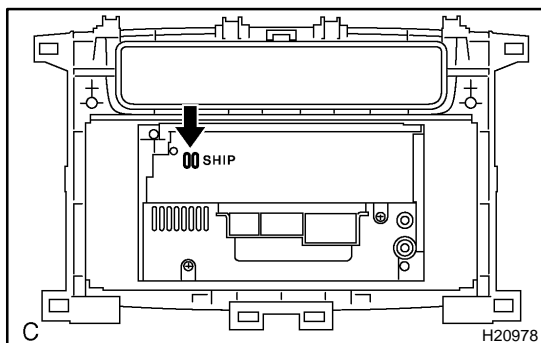


2. REMOVE CENTER REGISTER

- (a) Using a moulding remover, remove the center register.
(b) Disconnect the connector.
(c) Use the same manner described above to the other side.

3. REMOVE RADIO WITH A/C CONTROL ASSEMBLY

- (a) Remove the 4 bolts.
(b) Disconnect the radio with A/C control assembly cable and remove the radio with A/C control assembly.



4. w/ CD Changer Built In The Audio System: SHIP MODE CONFIRMATION

Check that a metal can be seen from holes marked "SHIP" on the back of the radio with A/C control assembly.

NOTICE:

If a metal cannot be seen from a hole on the back of the radio with A/C control assembly, repeat "SHIP MODE".

5. REMOVE FRONT DOOR SCUFF PLATES
6. REMOVE COWL SIDE TRIMS
7. REMOVE FRONT DOOR OPENING TRIMS

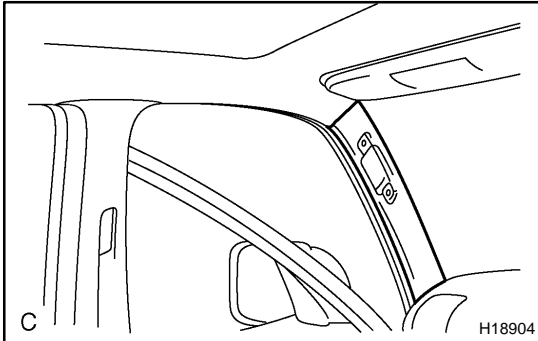
8. REMOVE FRONT ASSIST GRIP

- (a) Using a screwdriver, remove the assist grip plugs, then remove the 2 screws and assist grip.

HINT:

Tape up the screwdriver tip before use.

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

**9. REMOVE FRONT PILLAR GARNISH**

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

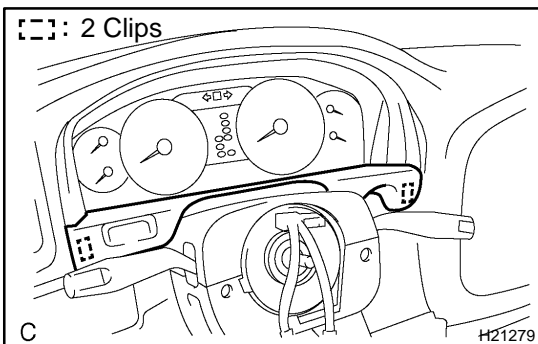
HINT:

Tape up the screwdriver tip before use.

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

10. REMOVE STEERING WHEEL

(See page [SR-14](#) or [SR-29](#))

**11. REMOVE CLUSTER FINISH PANEL**

Using a screwdriver, remove the cluster finish panel, then disconnect the connector.

HINT:

Tape up the screwdriver tip before use.

12. REMOVE HOOD LOCK CONTROL CABLE LEVER AND FUEL LID CONTROL CABLE LEVER

- (a) Remove the 2 screws and the hood lock control cable lever.

- (b) Remove the 2 screws and the fuel lid control cable lever.

13. REMOVE LOWER NO. 1 PANEL

- (a) Remove the screw.

- (b) Using a screwdriver, remove the lower No. 1 panel, then disconnect the connectors.

HINT:

Tape up the screwdriver tip before use.

14. REMOVE LH LOWER PANEL

Remove the 3 bolts and the LH lower panel.

15. REMOVE COLUMN COVERS

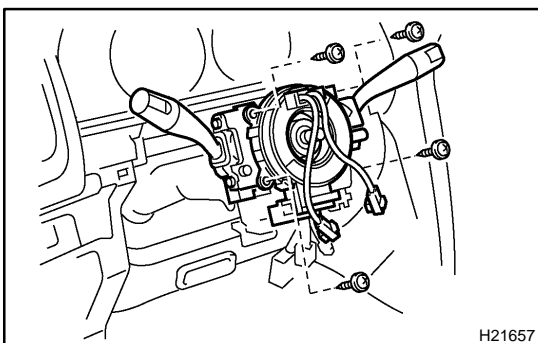
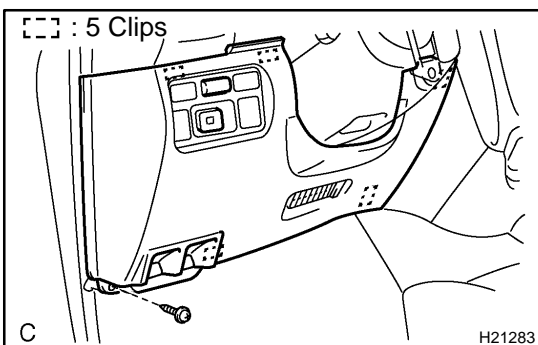
Remove the 3 screws and the column covers.

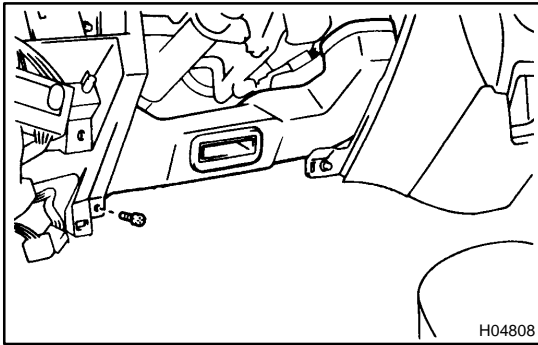
16. REMOVE COMBINATION SWITCH

- (a) Disconnect the connectors.

- (b) Remove the clamp.

- (c) Remove the 4 screws and the combination switch.

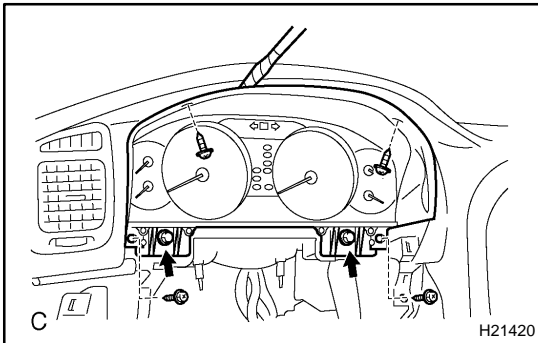


**17. REMOVE NO. 2 HEATER TO REGISTER DUCT**

Remove the screw and the No. 2 heater to register duct as shown in the illustration.

18. REMOVE STEERING COLUMN

(See page [SR-14](#) or [SR-29](#))

**19. REMOVE COMBINATION METER**

(a) Disconnect the connectors.

HINT:

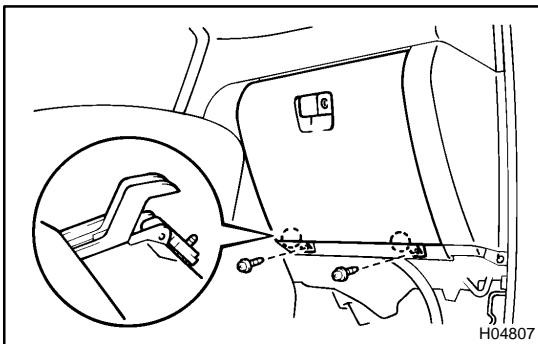
The connectors can be disconnected by loosening the bolts.

(b) Remove the 4 screws.

(c) Using a screwdriver, remove the combination meter.

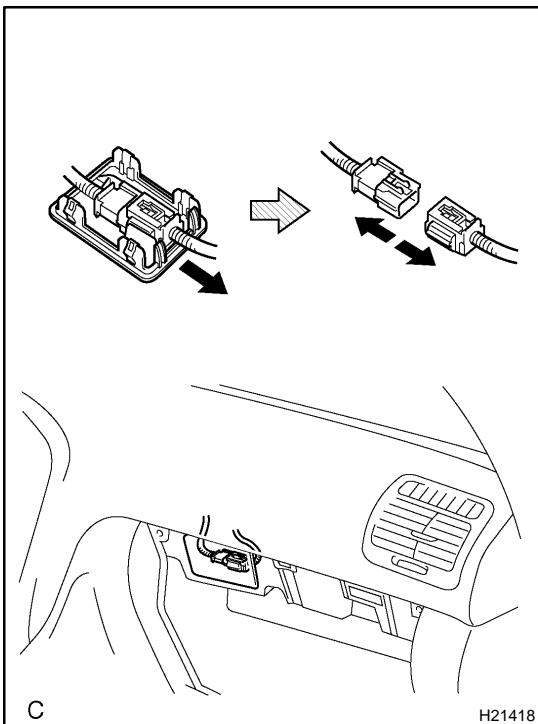
HINT:

Tape up the screwdriver tip before use.

**20. REMOVE GLOVE COMPARTMENT DOOR**

(a) Remove the 2 screws.

(b) Remove the glove compartment door, then disconnect the glove compartment door damper clip.

**21. DISCONNECT AIRBAG CONNECTOR**

(See page [RS-31](#))

(a) Using a screwdriver, remove the No. 1 under cover.

HINT:

Tape up the screwdriver tip before use.

(b) Slide the airbag connector to pull out from the No. 1 under cover.

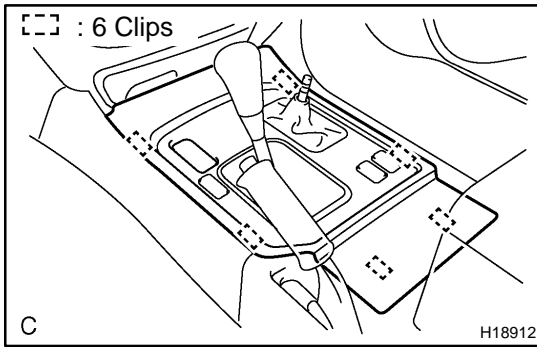
(c) Disconnect the airbag connector.

NOTICE:

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

22. REMOVE LOWER NO. 2 PANEL

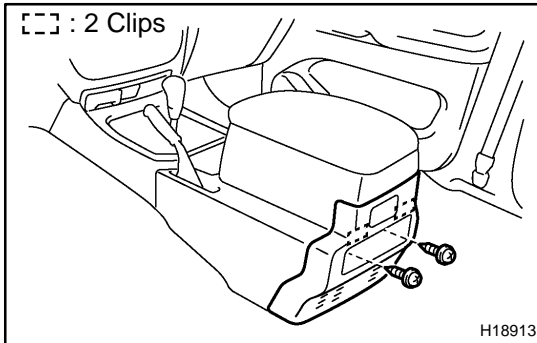
Remove the 3 screws and the lower No. 2 panel.

**23. REMOVE FRONT CONSOLE PANEL**

- (a) Remove the transfer shift lever knob.
- (b) Using a screwdriver, remove the front console panel.

HINT:

Tape up the screwdriver tip before use.

**24. REMOVE CONSOLE REAR END PANEL**

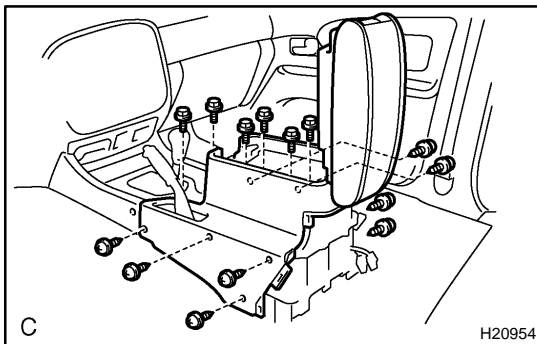
- (a) Remove the rear console cup holder box.
- (b) Remove the 2 screws.
- (c) Using a screwdriver, remove the console rear end panel.

HINT:

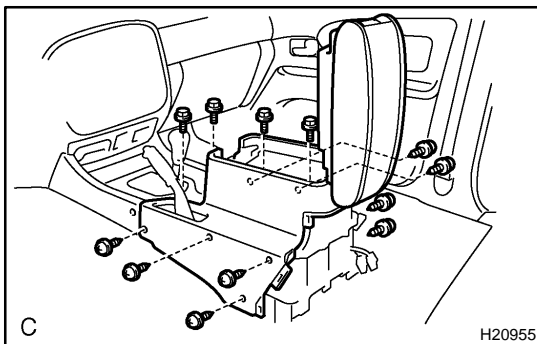
Tape up the screwdriver tip before use.

25. REMOVE REAR RADIO CONTROL PANEL

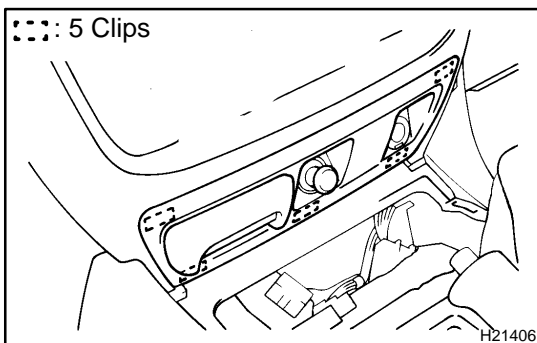
Disconnect the connector, then remove the 3 screws and the rear radio control panel.

**26. REMOVE REAR CONSOLE BOX**

- (a) w/o Disc player changer :
Remove the 6 bolts, the 8 screws and the rear console box.



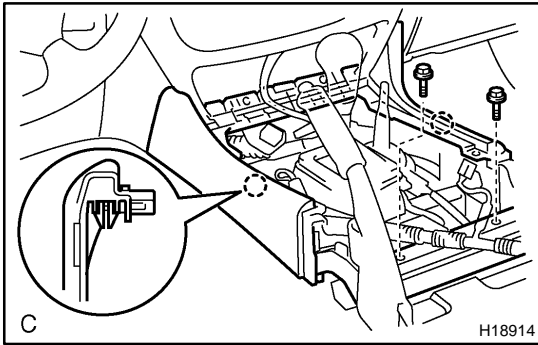
- (b) w/ Disc player changer :
Remove the 4 bolts, the 8 screws and the rear console box.

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

Using a screwdriver, remove the center lower cluster finish panel, then disconnect the connector.

HINT:

Tape up the screwdriver tip before use.



28. REMOVE FRONT CONSOLE BOX AND FRONT CONSOLE BOX BRACKET

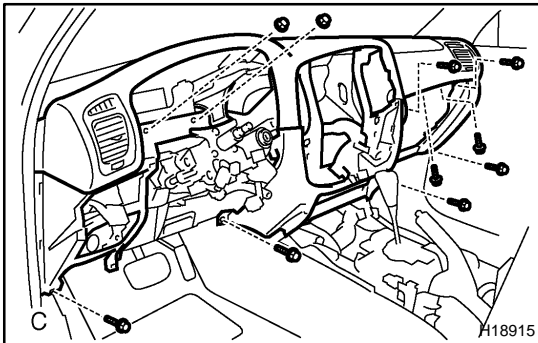
Remove the 2 bolts, the front console box and the front console box bracket.

29. REMOVE INSTRUMENT PANEL

(a) Disconnect the junction connectors.

HINT:

The connectors can be disconnected by loosening the bolts.



(b) Disconnect the connector, then remove the 8 bolts, the 2 nuts and the instrument panel.

30. REMOVE ECM (See page SF-60)

31. REMOVE NO. 3 HEATER TO REGISTER DUCT

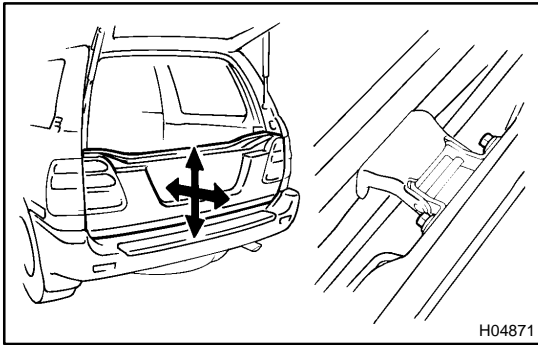
32. REMOVE NO. 4 HEATER TO REGISTER DUCT

33. REMOVE GLOVE COMPARTMENT DOOR DAMPER

34. REMOVE FLOOR BRACE

35. REMOVE NO. 1 BRACE

36. REMOVE REINFORCEMENT

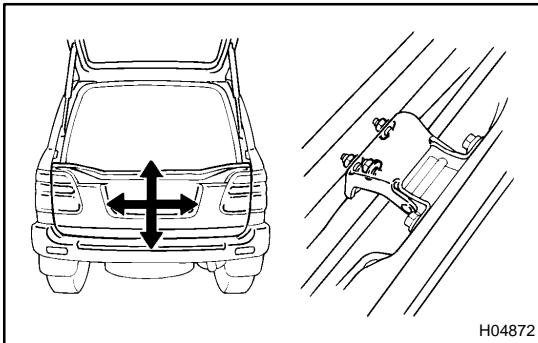


ADJUSTMENT

1. ADJUST DOOR IN FORWARD/REARWARD AND VERTICAL DIRECTIONS

Loosen the door side hinge bolts to adjust.

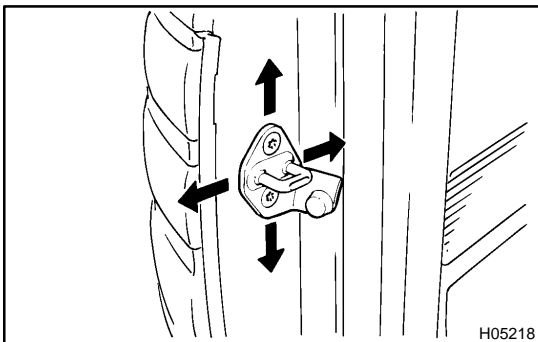
Torque: 28 N·m (286 kgf·cm, 21 ft·lbf)



2. ADJUST DOOR IN LEFT/RIGHT AND VERTICAL DIRECTIONS

Loosen the body side hinge bolts and nut to adjust.

Torque: 31 N·m (316 kgf·cm, 23 ft·lbf)



3. ADJUST DOOR LOCK STRIKER

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

(b) Using a torx wrench, loosen the door lock striker mounting screws.

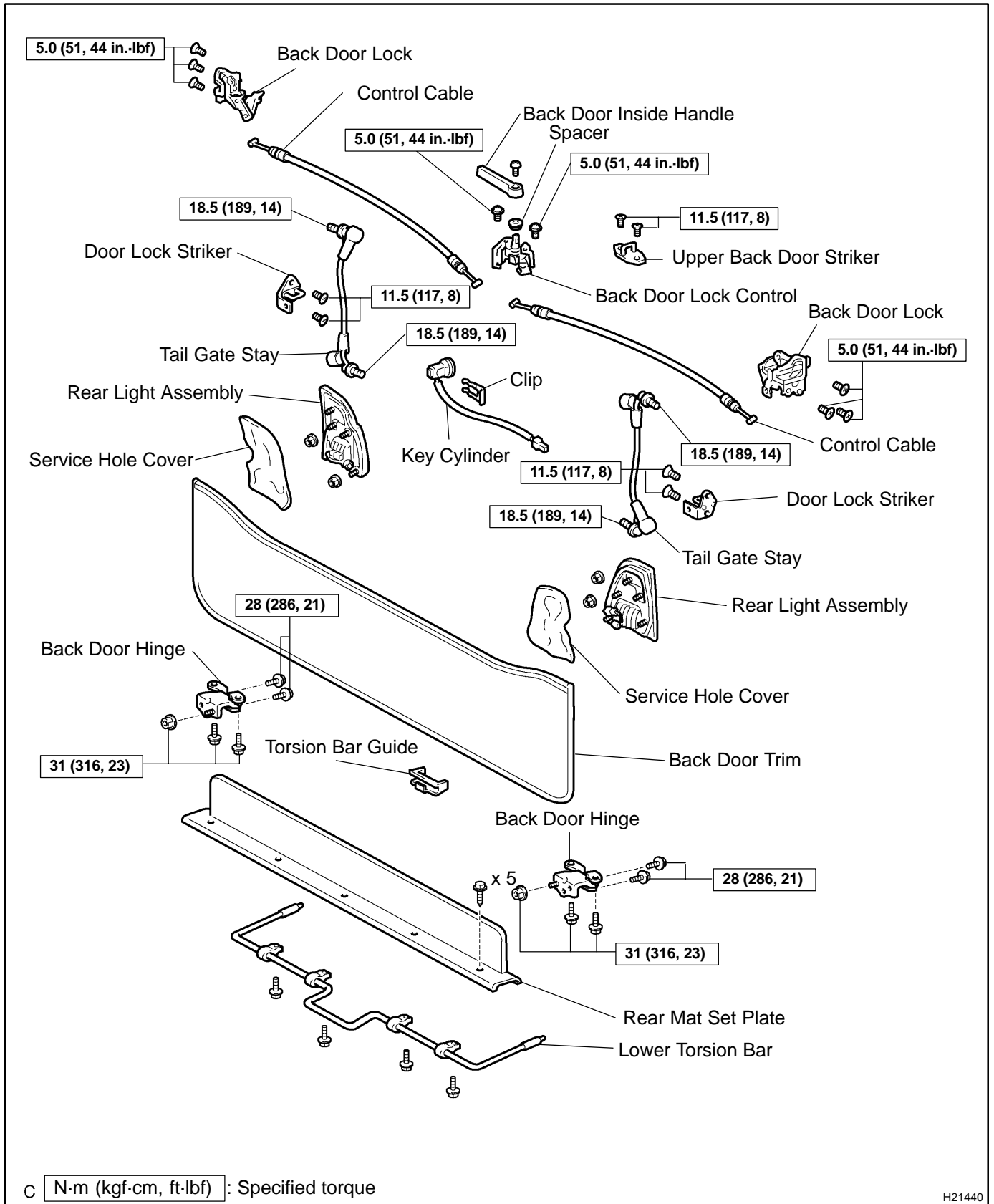
Torx wrench: T40 (Part No. 09042-00020 or locally manufactured tool)

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

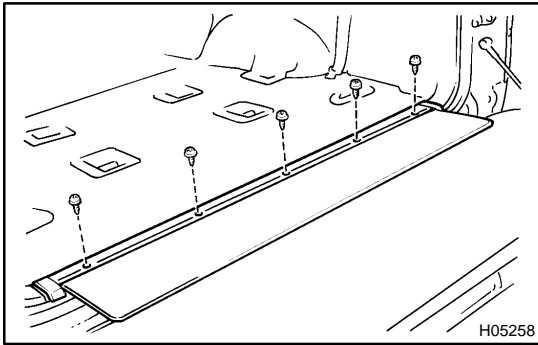
(c) Using a plastic hammer, tap the striker to adjust it.

LOWER BACK DOOR COMPONENTS

BO1JM-03



H21440



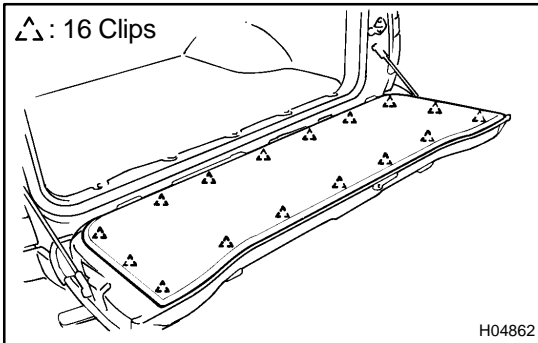
DISASSEMBLY

1. REMOVE REAR MAT SET PLATE

- Remove the 5 screws.
- Using a screwdriver, remove the rear mat set plate.

HINT:

Tape the screwdriver tip before use.



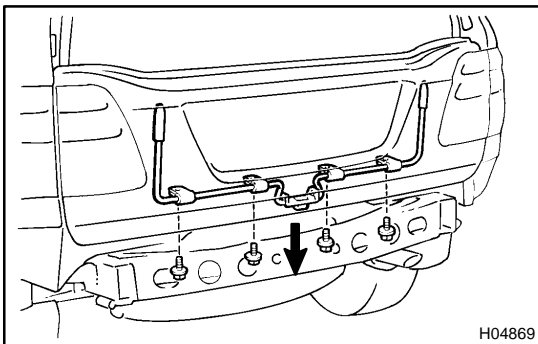
2. REMOVE BACK DOOR TRIM

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

HINT:

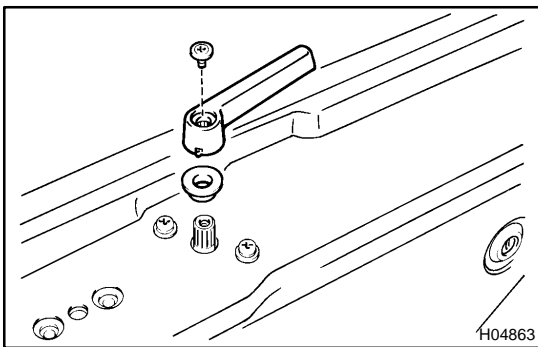
Tape the screwdriver tip before use.

- Remove the back door trim.



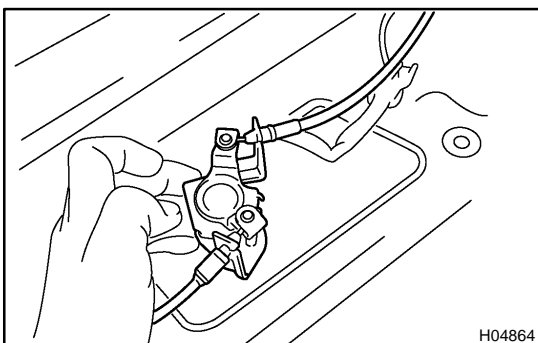
3. REMOVE LOWER TORSION BAR

- Remove the rear bumper (See page [BO-5](#)).
- Remove the 4 bolts and lower torsion bar as shown in the illustration.
- Remove the torsion bar guide.



4. REMOVE BACK DOOR INSIDE HANDLE

- Remove the screw and back door inside handle.
- Remove the spacer.



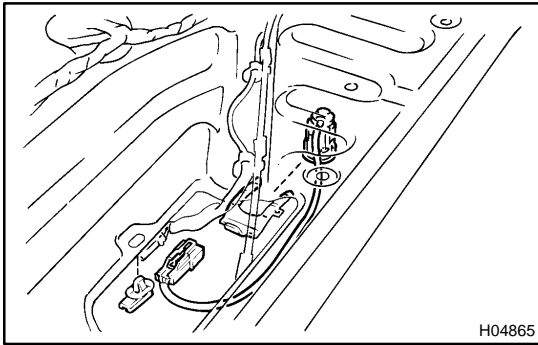
5. REMOVE BACK DOOR LOCK CONTROL

- Remove the 2 screws.
Torque: 5.0 N·m (51 kgf·cm, 44 in.-lbf)
- Disconnect the back door lock control cables, then remove the back door control.

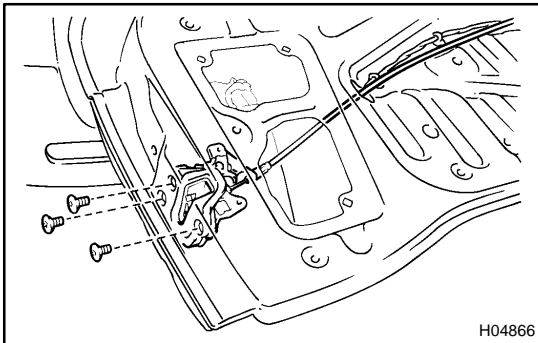
6. REMOVE SERVICE HOLE COVERS

NOTICE:

Do not tear the service hole cover.

**7. REMOVE KEY CYLINDER**

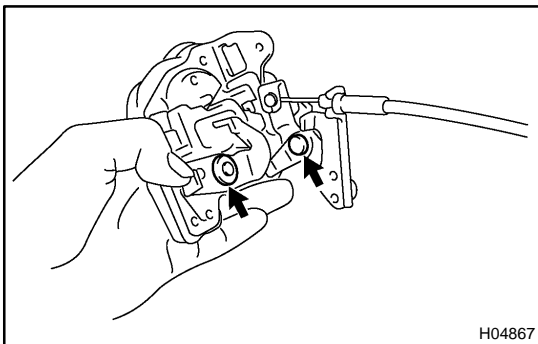
- (a) Disconnect the connector.
- (b) Remove the clip and key cylinder.

**8. REMOVE BACK DOOR LOCK**

- (a) Disconnect the control cable from the clamp.
- (b) Using a torx wrench, remove the 3 screws and back door lock.

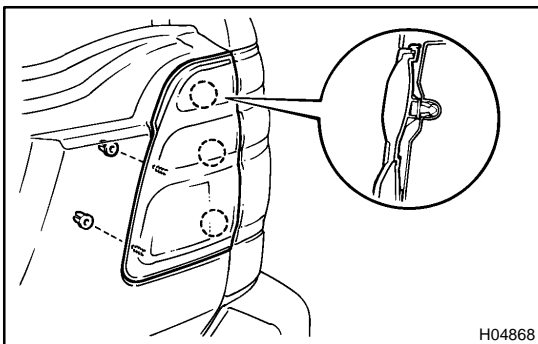
Torx wrench: T30 (Part No. 09042-00010 or locally manufactured tool)

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

**HINT:**

At the time of reassembly, please refer to the following item.
Apply MP grease to the rotating parts of the door lock.

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

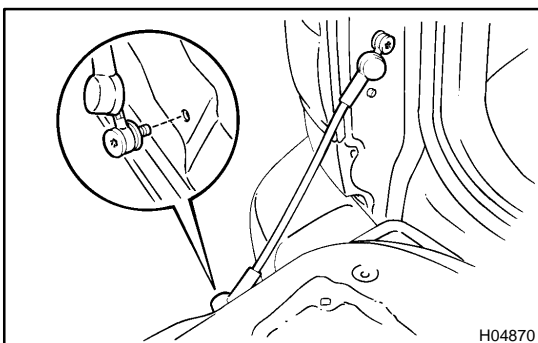
**9. REMOVE REAR LIGHT ASSEMBLY**

- (a) Disconnect the connector.
- (b) Remove the 2 nuts.
- (c) Using a screwdriver, remove the rear light assembly.

HINT:

Tape the screwdriver tip before use.

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

**10. REMOVE TAIL GATE STAY**

- (a) Using a torx wrench, remove the 2 screws and tail gate stay.

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

Torque: 18.5 N·m (189 kgf·cm, 14 ft·lbf)

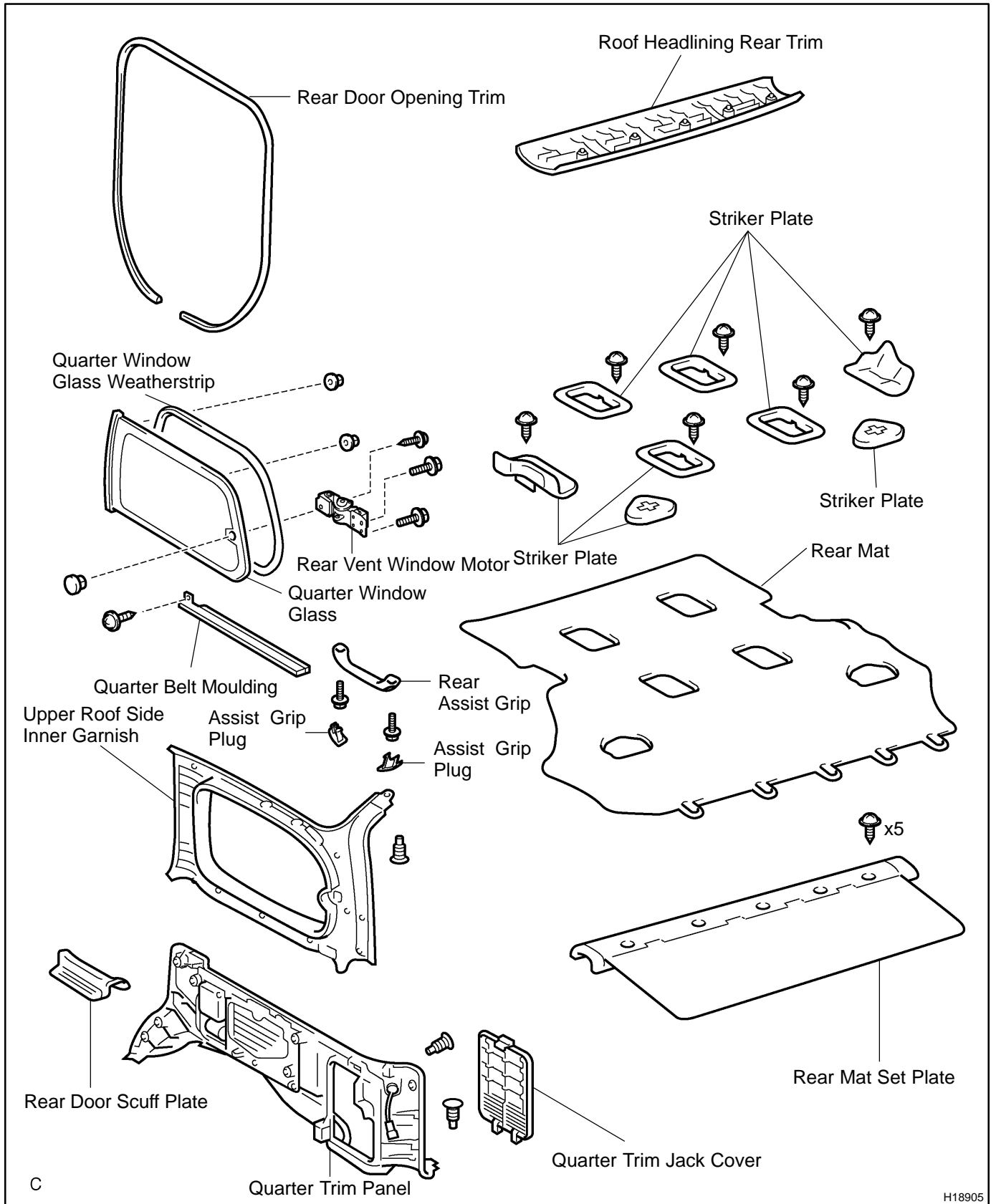
- (b) Employ the same manner described above to the other side.

REASSEMBLY

Reassembly is in the reverse order of disassembly (See page [BO-27](#)).

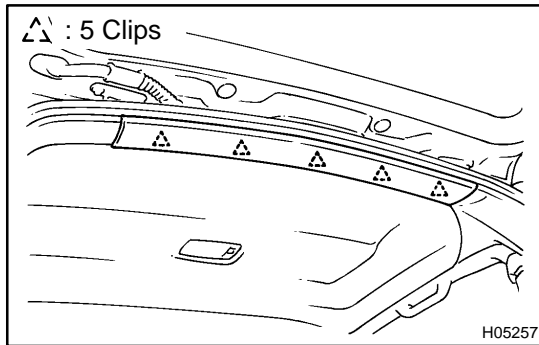
QUARTER WINDOW GLASS COMPONENTS

BO1LD-03



INSTALLATION

Installation is in the reverse order of removal (See page [BO-62](#)).



REMOVAL

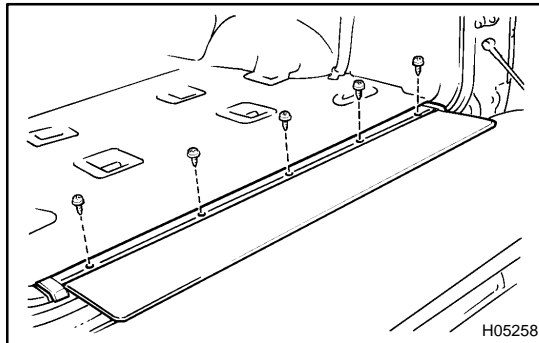
1. REMOVE ROOF HEADLINING REAR TRIM

Using a screwdriver, remove the roof headlining rear trim.

HINT:

Tape up the screwdriver tip before use.

2. REMOVE REAR NO. 2 SEATS



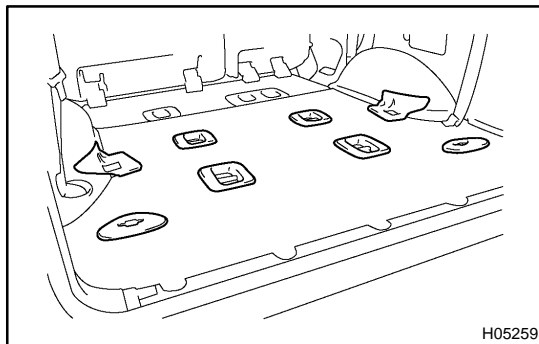
3. REMOVE REAR MAT SET PLATE

(a) Remove the 5 screws.

(b) Using a screwdriver, remove the rear mat set plate.

HINT:

Tape up the screwdriver tip before use.



4. REMOVE STRIKER PLATE

(a) Remove the 6 screws.

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

HINT:

Tape up the screwdriver tip before use.

5. REMOVE REAR MAT

6. REMOVE REAR NO. 2 SEAT OUTER BELT FLOOR ANCHOR

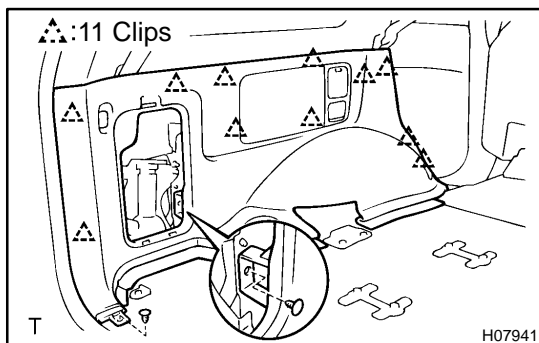
Torque: 42 N·m (430 kgf·cm, 31 ft·lbf)

7. REMOVE REAR NO. 1 SEAT OUTER BELT FLOOR ANCHOR

Torque: 42 N·m (430 kgf·cm, 31 ft·lbf)

8. REMOVE REAR DOOR SCUFF PLATE

9. REMOVE REAR DOOR OPENING TRIM



10. REMOVE QUARTER TRIM PANEL

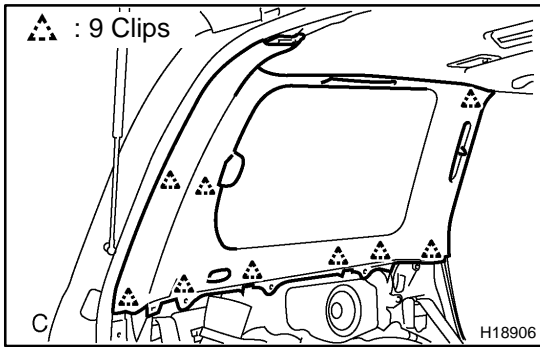
(a) Remove the quarter trim jack cover.

(b) Using a clip remover, remove the 2 clips.

(c) Remove the quarter trim panel, then disconnect the connector.

11. REMOVE REAR NO. 2 SEAT OUTER BELT SHOULDER ANCHOR

12. REMOVE REAR NO. 1 SEAT OUTER BELT SHOULDER ANCHOR



13. REMOVE UPPER ROOF SIDE INNER GARNISH

- (a) Using a screwdriver, remove the assist grip plugs, then remove the 2 screws and the rear assist grip.

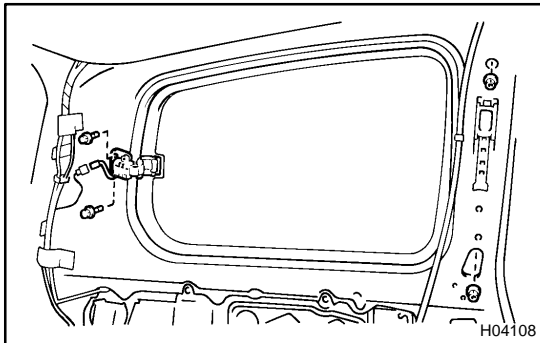
HINT:

Tape up the screwdriver tip before use.

- (b) Using a clip remover, remove the clip.
- (c) Using a screwdriver, remove the upper roof side inner garnish.

HINT:

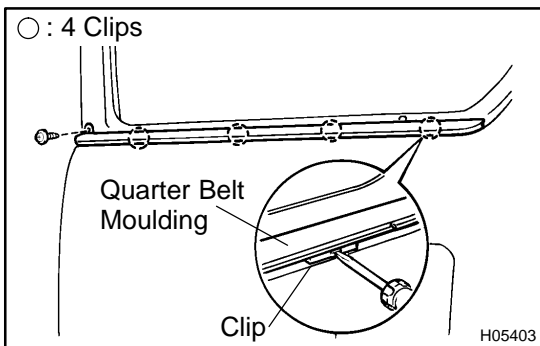
Tape the screwdriver tip before use.



14. REMOVE QUARTER WINDOW GLASS

- (a) Disconnect the connector.
- (b) w/ Antenna:
Disconnect the connector.
- (c) Remove the 2 bolts, the 2 nuts and the quarter window glass.

15. REMOVE QUARTER WINDOW GLASS WEATHERSTRIP

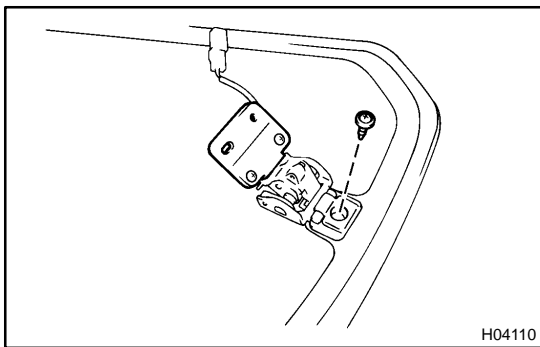


16. REMOVE QUARTER BELT MOULDING

- (a) Remove the screw.
- (b) Using a screwdriver, remove the quarter belt moulding.

HINT:

Tape up the screwdriver tip before use.



17. REMOVE REAR VENT WINDOW MOTOR

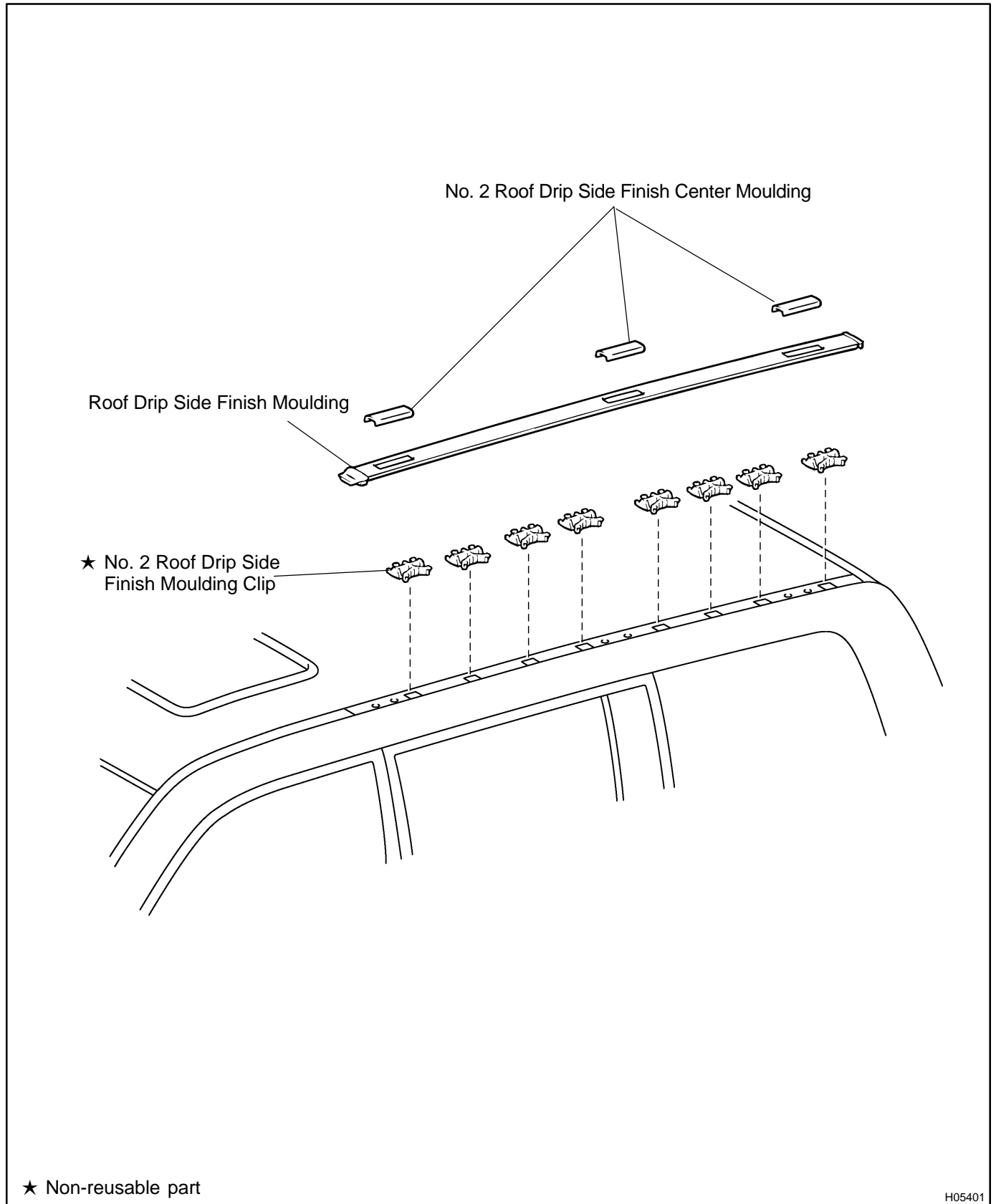
Remove the screw and the rear vent window motor.

18. REMOVE QUARTER WINDOW LOCK

Remove the screw and the quarter window lock.

ROOF DRIP SIDE FINISH MOULDING COMPONENTS

BO1K4-05



INSTALLATION

1. INSTALL NO. 2 ROOF DRIP SIDE FINISH MOULDING CLIP

If the No. 2 roof drip side finish moulding clip comes off.

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

NOTICE:

Do not heat the body excessively.

- (b) Remove the adhesive tape and adhesive from the body.
(c) Wipe off stains with cleaner.
(d) Using a heat light, heat the body and clip.

Body: 40 - 60 °C (104 - 140 °F)

Clip: 20 - 30 °C (68 - 86 °F)

NOTICE:

Do not heat the body and clip excessively.

- (e) Install the clip.

2. INSTALL NO. 2 ROOF DRIP SIDE FINISH CENTER MOULDING

Install the No. 2 roof drip side finish center moulding to the roof drip side finish moulding.

3. INSTALL ROOF DRIP SIDE FINISH MOULDING

REMOVAL

1. REMOVE NO. 2 ROOF DRIP SIDE FINISH CENTER MOULDINGS
2. REMOVE ROOF DRIP SIDE FINISH MOULDING

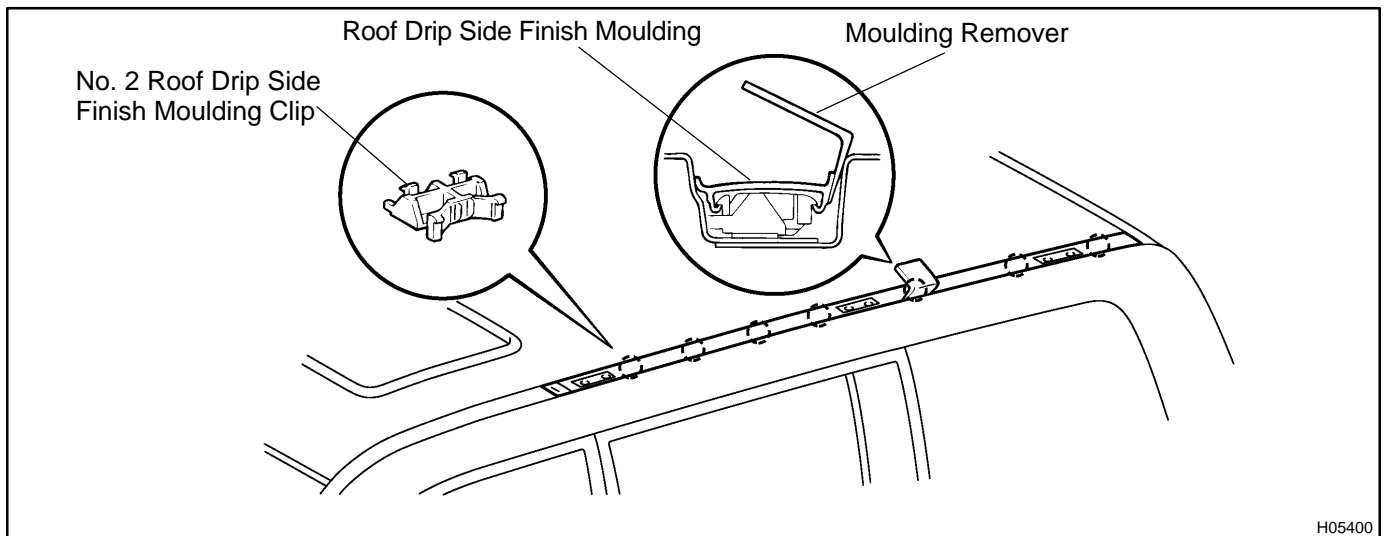
Using a moulding remover, remove the roof drip side finish moulding.

NOTICE:

- ★ Do not damage the body.
- ★ Do not remove the No. 2 roof drip side finish moulding clip.
- ★ When the clip comes off, replace it with a new one.

HINT:

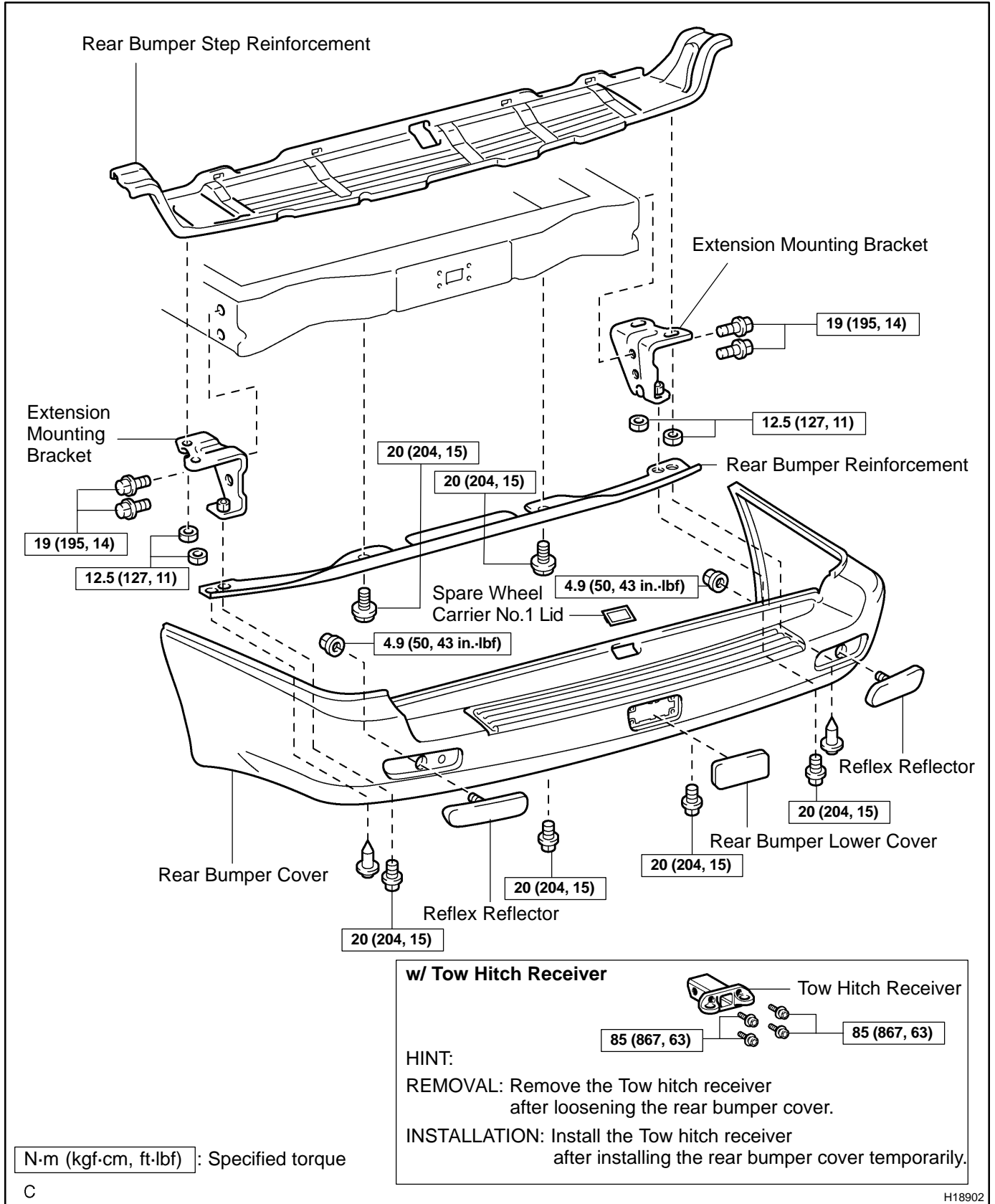
Tape the moulding remover tip before use.



H05400

REAR BUMPER COMPONENTS

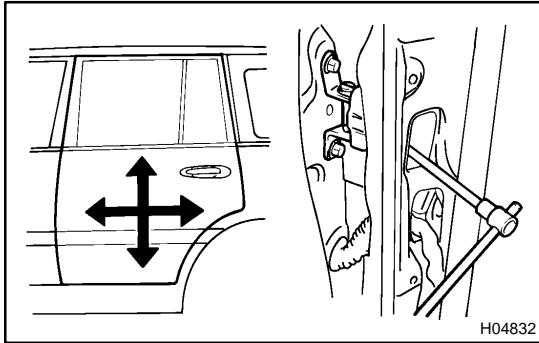
BO1J7-03



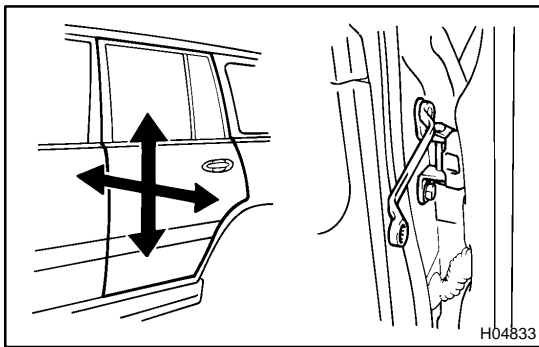
ADJUSTMENT

1. ADJUST DOOR IN FORWARD/BACKWARD AND VERTICAL DIRECTIONS

- Remove the front door scuff plate.
- Remove the rear door scuff plate.
- Remove the front door opening trim.
- Remove the rear door opening trim.
- Remove the center pillar lower garnish.



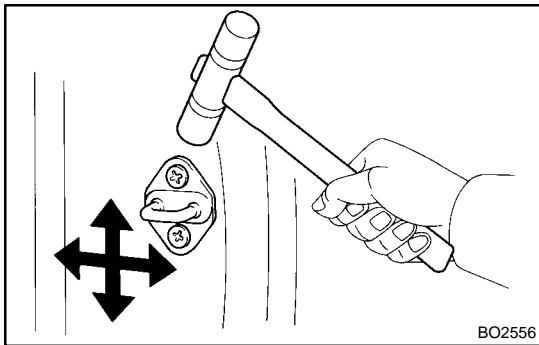
- Loosen the body side hinge nuts to adjust.
Torque: 23 N·m (235 kgf·cm, 17 ft·lbf)
- Install the removed parts.



2. ADJUST DOOR IN RIGHT/LEFT AND VERTICAL DIRECTIONS

Loosen the door side hinge bolts to adjust.

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

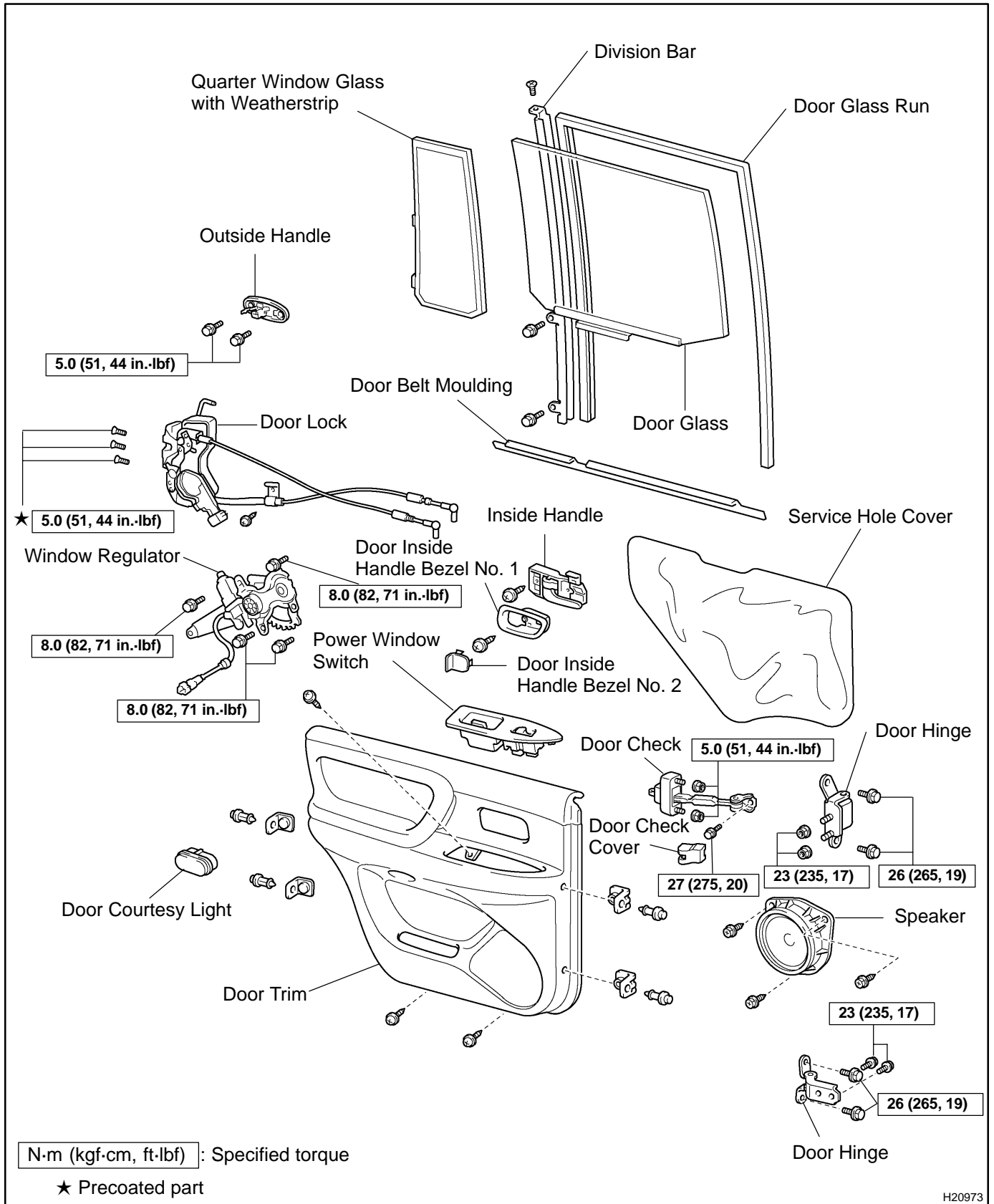


3. ADJUST DOOR LOCK STRIKER

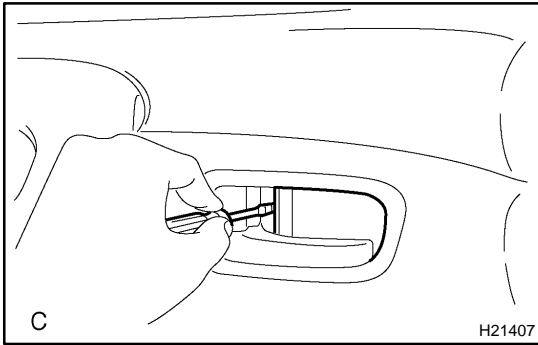
- Check that the door fit and door lock linkages are adjusted correctly.
- Loosen the striker mounting screws to adjust.
Torque: 11 N·m (115 kgf·cm, 8 ft·lbf)
- Using a plastic hammer, tap the striker to adjust it.

REAR DOOR COMPONENTS

BO1JE-03



H20973



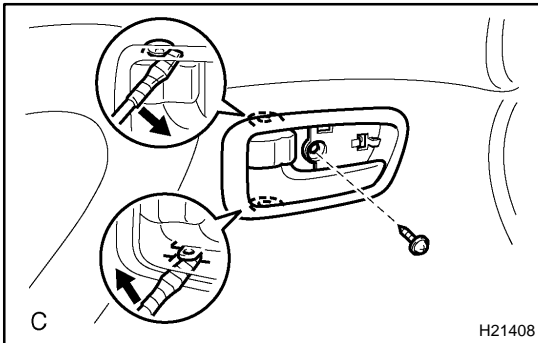
DISASSEMBLY

1. REMOVE DOOR INSIDE HANDLE BEZEL No. 2

Using a screwdriver, remove the door inside handle bezel No. 2 as shown in the illustration.

HINT:

Tape up the screwdriver tip before use.



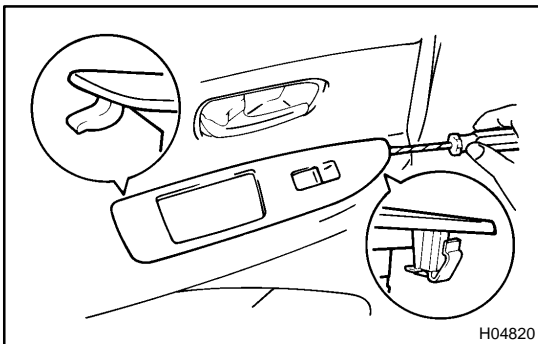
2. REMOVE DOOR INSIDE HANDLE BEZEL No. 1

(a) Remove the screw.

(b) Using a screwdriver, remove the door inside handle bezel No. 1 as shown in the illustration.

HINT:

Tape up the screwdriver tip before use.



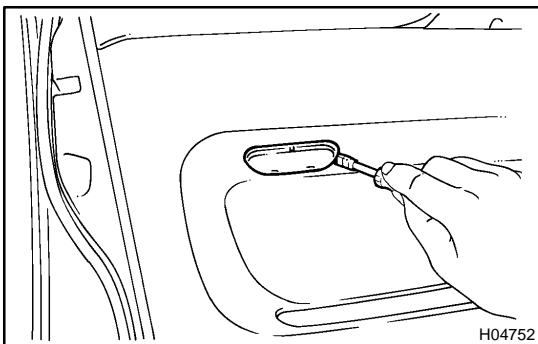
3. REMOVE POWER WINDOW SWITCH

(a) Using a screwdriver, remove the power window switch as shown in the illustration.

HINT:

Tape up the screwdriver tip before use.

(b) Disconnect the connector.

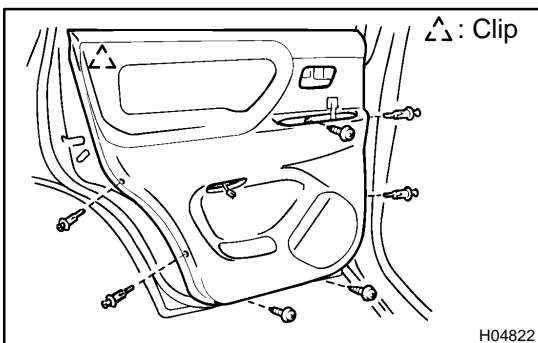


4. REMOVE DOOR COURTESY LIGHT

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

HINT:

Tape up the screwdriver tip before use.



5. REMOVE DOOR TRIM

(a) Remove the 3 screws and 4 clips.

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

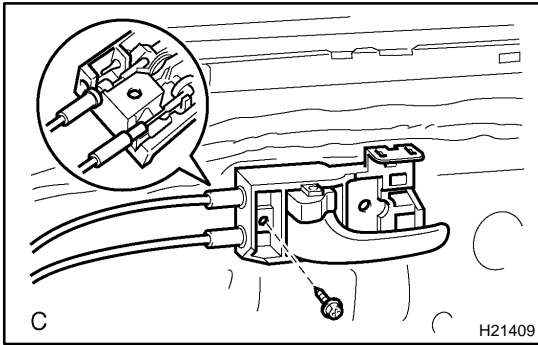
NOTICE:

Be careful not to damage the door and door trim.

HINT:

Tape up the screwdriver tip before use.

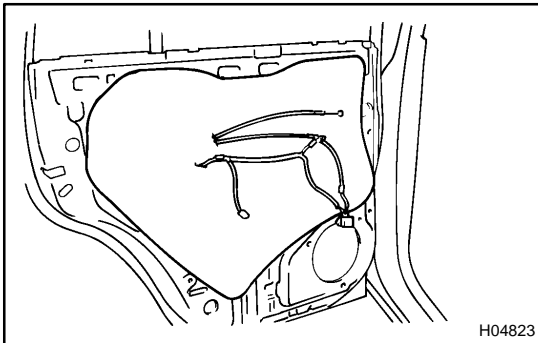
(c) Pull the trim upward to remove it.

**6. REMOVE INSIDE HANDLE**

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

7. REMOVE SPEAKER

Remove the 3 screws and speaker, then disconnect the connector.

**8. REMOVE SERVICE HOLE COVER**

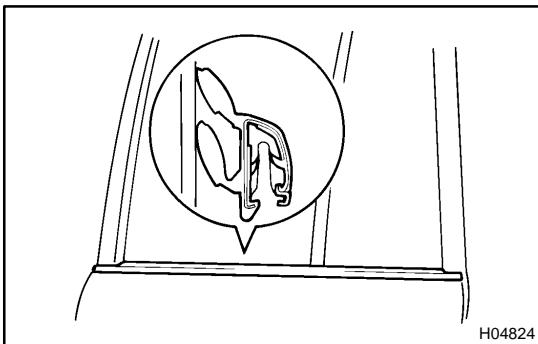
- (a) Remove the clamps and wire harness.
- (b) Remove the service hole cover.

NOTICE:

Do not tear the cover.

HINT:

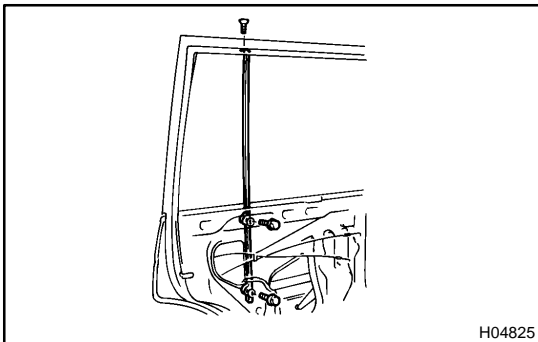
At the time of reassembly, bring out the 2 control cables and wire harness through the service hole cover.

**9. REMOVE DOOR BELT MOULDING**

Using a scraper, remove the door belt moulding.

HINT:

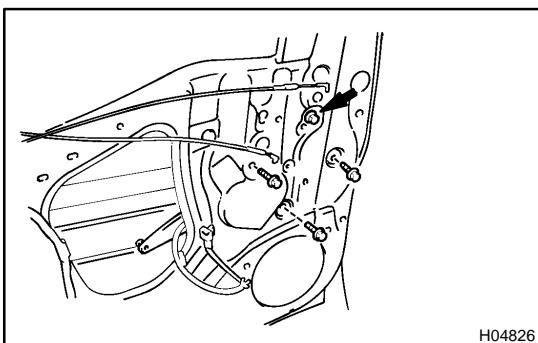
Tape up the scraper tip before use.

10. REMOVE DOOR GLASS RUN**11. REMOVE DIVISION BAR**

Remove the 2 bolts, screw and division bar.

12. REMOVE DOOR GLASS

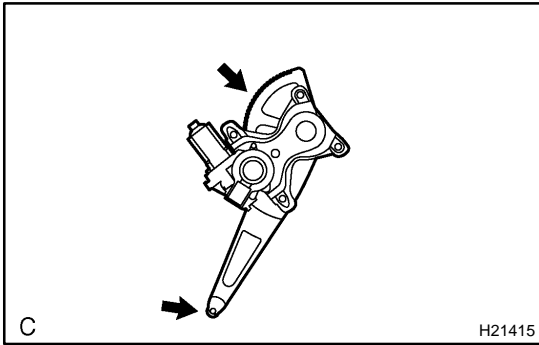
Disconnect the glass from the regulator arm and remove the door glass by pulling it upward.

13. REMOVE QUARTER WINDOW GLASS WITH WEATHERSTRIP**14. REMOVE WINDOW REGULATOR**

- (a) Disconnect the connector, then remove the 3 bolts.
Torque: 8.0 N·m (82 kgf·cm, 71 in.-lbf)
- (b) Loosen the bolt and window regulator.
Torque: 8.0 N·m (82 kgf·cm, 71 in.-lbf)

HINT:

- ★ Remove the regulator through the service hole.

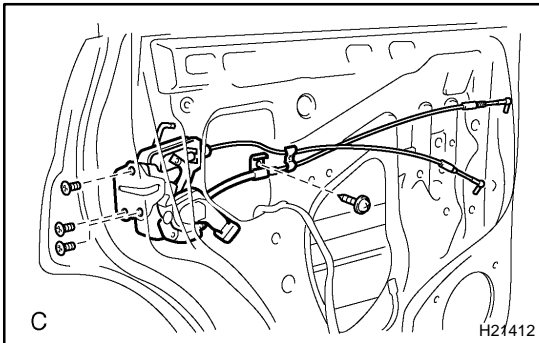


★ At the time of reassembly, apply MP grease to the window regulator.

NOTICE:

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

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



15. REMOVE DOOR LOCK

- (a) Remove the screw.
- (b) Disconnect the connector.
- (c) Disconnect the link from outside handle.
- (d) Using a torx wrench, remove the 3 screws and door lock through the service hole.

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

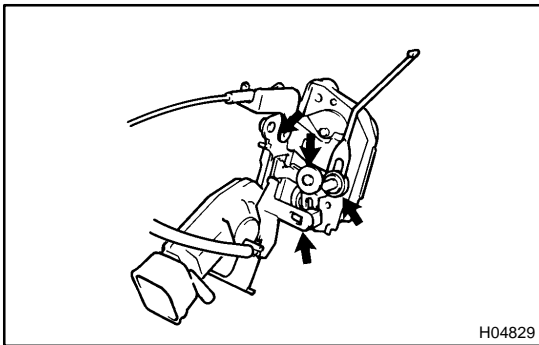
Torque: 5.0 N·m (51 kgf·cm, 44 in.-lbf)

HINT:

At the time of reassembly:

★ Apply adhesive to the 3 screws.

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



★ Remove the protector, and apply MP grease to the sliding and rotating parts of the door lock.

16. REMOVE OUTSIDE HANDLE

Remove the 2 bolts and outside handle.

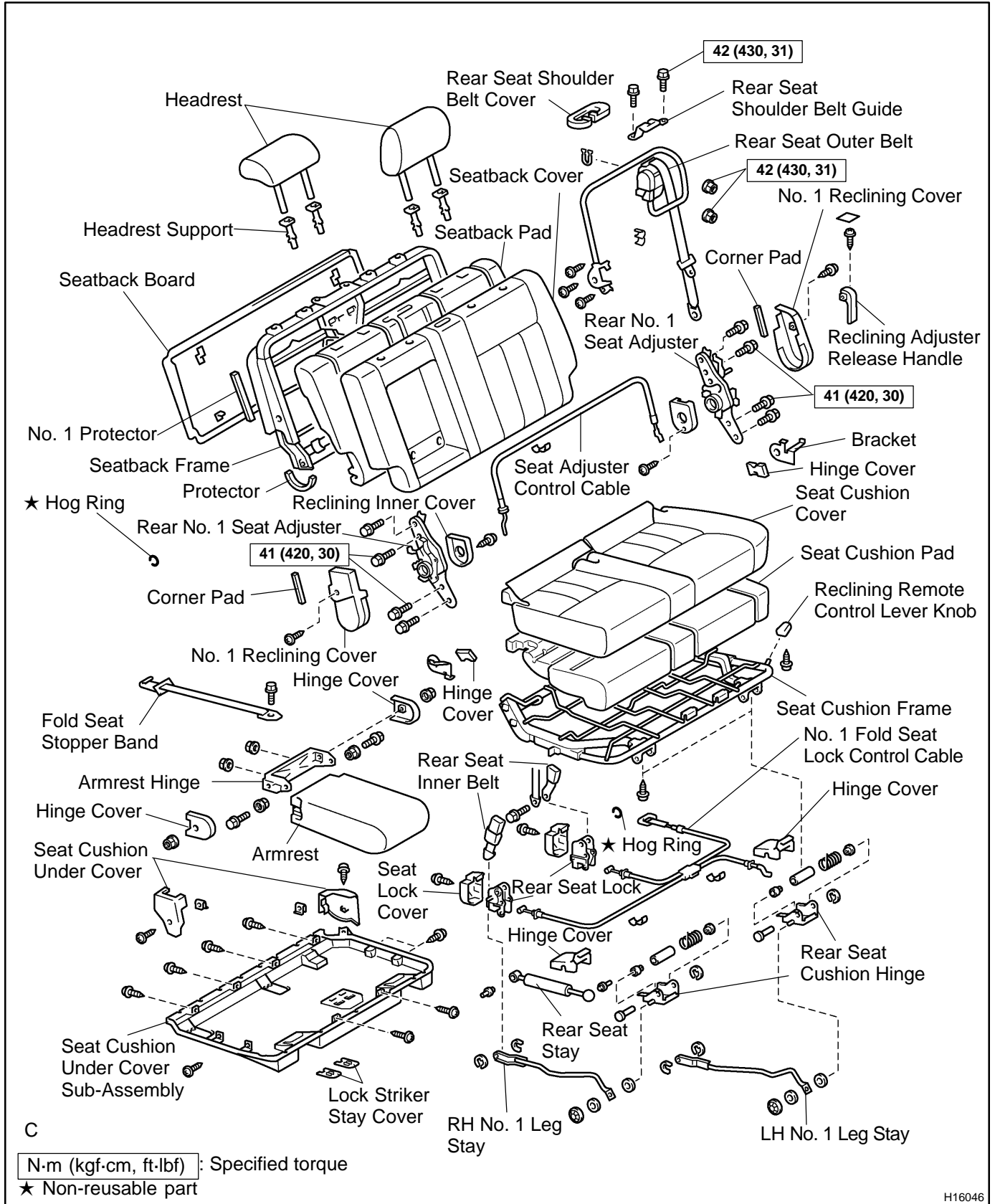
Torque: 5.0 N·m (51 kgf·cm, 44 in.-lbf)

REASSEMBLY

Reassembly is in the reverse order of disassembly (See page [BO-15](#)).

REAR NO.1 SEAT (LH) COMPONENTS

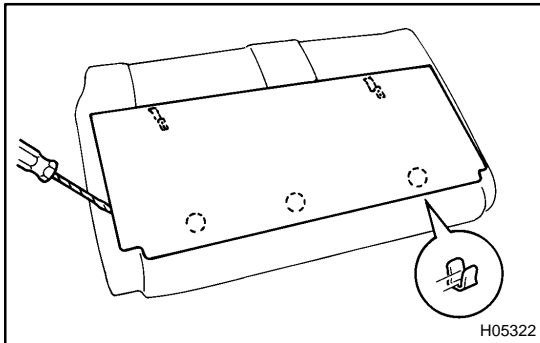
BO1L0-05



H16046

DISASSEMBLY

1. REMOVE HEADRESTS



2. REMOVE SEATBACK BOARD

Using a screwdriver, remove the seatback board as shown in the illustration.

HINT:

Tape the screwdriver tip before use.

3. REMOVE RECLINING ADJUSTER RELEASE HANDLE

(a) Using a screwdriver, remove the cover.

HINT:

Tape the screwdriver tip before use.

(b) Remove the screw and reclining adjuster release handle.

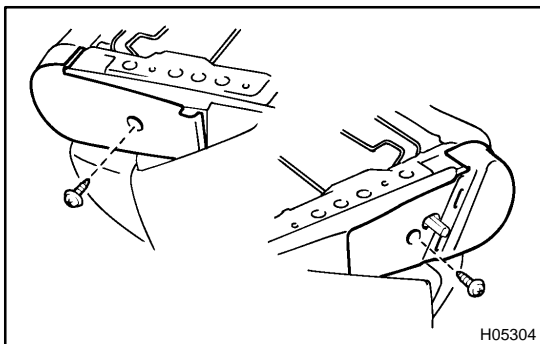
4. REMOVE NO. 1 RECLINING COVERS

(a) Remove the 4 hog rings and open the seatback cover.

HINT:

At the time of reassembly, please refer to the following item.
When installing hog rings, take care to prevent wrinkles as little as possible.

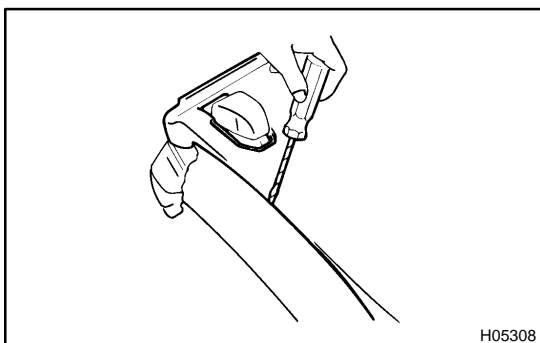
(b) Remove the 2 corner pads.



(c) Remove the 2 screws and 2 No. 1 reclining covers as shown in the illustration.

5. REMOVE SEAT CUSHION UNDER COVERS

Remove the 2 screws and 2 seat cushion under covers.

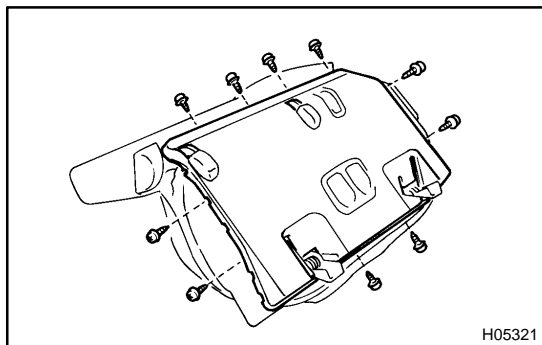


6. REMOVE SEAT CUSHION UNDER COVER SUB-ASSEMBLY

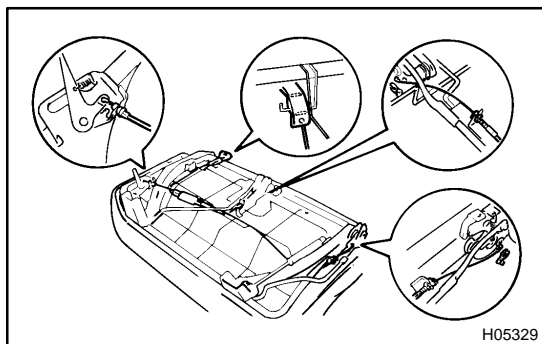
(a) Using a screwdriver, disengage the hooks as shown in the illustration.

HINT:

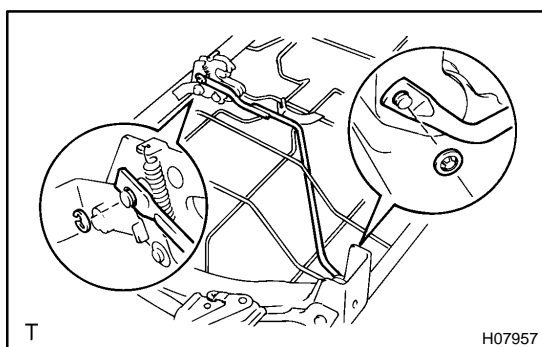
Tape the screwdriver tip before use.



- (b) Remove 10 screws and seat cushion under cover sub-assembly.



- 7. REMOVE NO. 1 FOLD SEAT LOCK CONTROL CABLE**
Remove the 2 clamps and No. 1 fold seat lock control cable as shown in the illustration.

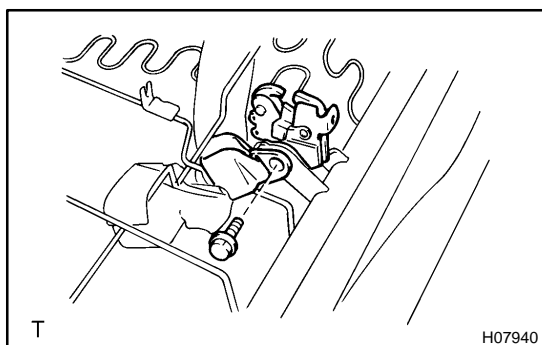


8. REMOVE RH NO. 1 SEAT LEG STAY

Using a screwdriver, remove the 2 E-rings and No. 1 seat leg stay.

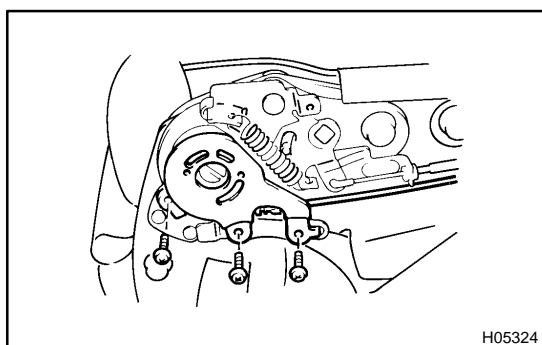
HINT:

Tape the screwdriver tip before use.



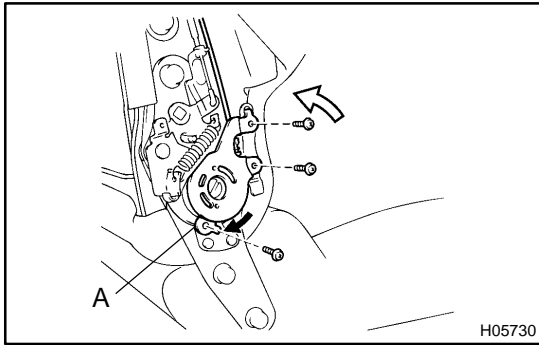
9. REMOVE RH REAR SEAT LOCK

- (a) Remove the screw and rear seat lock cover.
(b) Remove the bolt, seat belt anchor and inner belt.
Torque: 42 N·m (430 kgf-cm, 31 ft-lbf)
(c) Remove the RH rear seat lock.



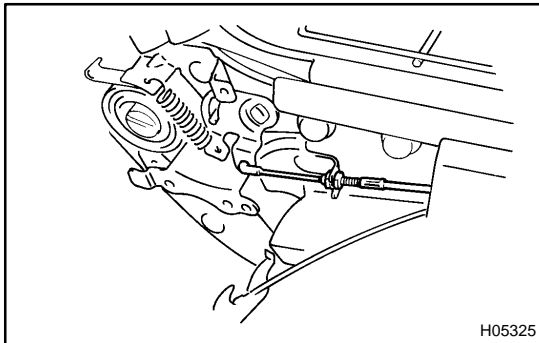
10. REMOVE SEATBACK ASSEMBLY

- (a) Remove the 3 screws and seat belt reclining detecting part.
Torque: 3.9 N·m (40 kgf-cm, 35 in.-lbf)

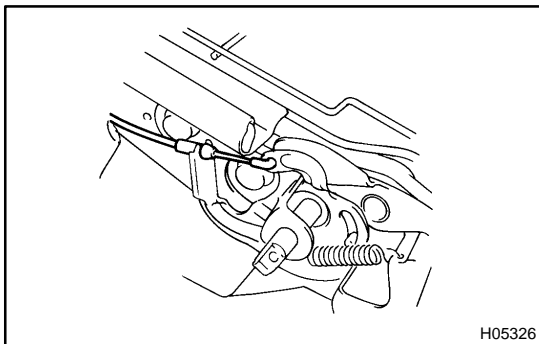
**HINT:**

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

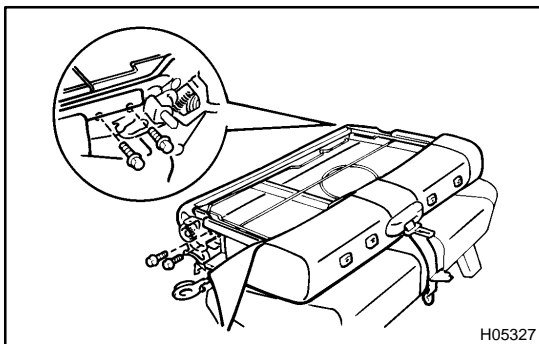
- ★ Tighten the 2 screws on the seatback side.
- ★ Fold down the seatback forward and raise it up to the first lock position.
- ★ Turn A to the rear side of the seat cushion for initial positioning.
- ★ Check visually that the reference holes are penetrated.
- ★ Tighten the screws on the cushion side of seat belt reclining detecting part.



- (b) Loosen the nut, remove the reclining connecting wire of LH side edge.



- (c) Remove the reclining connecting wire of RH side edge.

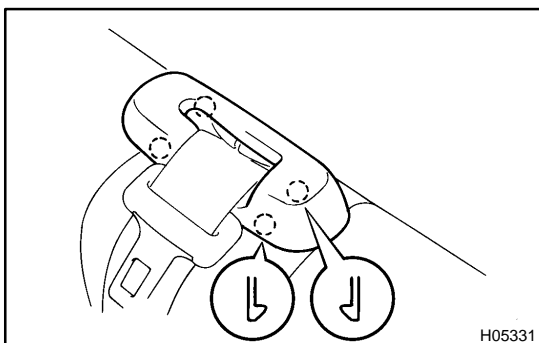


- (d) Remove the 4 bolts and seatback assembly.

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

11. w/ Armrest:**REMOVE ARMREST**

- (a) Remove the 2 nuts and armrest.
 (b) Remove the 2 screws and 2 hinge covers.
 (c) Remove the 2 bolts and hinges.

**12. REMOVE SEATBACK FRAME**

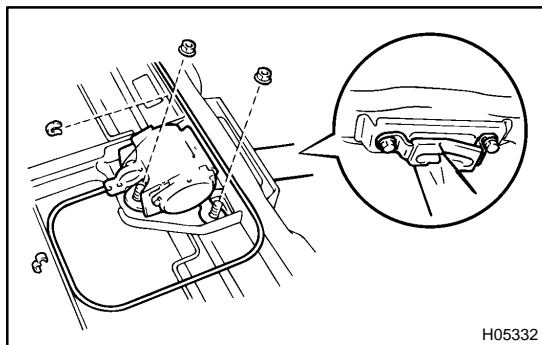
- (a) Using a screwdriver, remove the rear seat shoulder belt cover.

HINT:

Tape the screwdriver tip before use.

- (b) Remove the 4 headrest supports.
 (c) Disengage the hooks, remove the seatback frame.

13. REMOVE SEAT ADJUSTER CONTROL CABLE

**14. REMOVE REAR SEAT OUTER BELT**

- (a) Remove the 2 bolts and rear seat shoulder belt guide.

Torque: 42 N·m (430 kgf-cm, 31 ft-lbf)

HINT:

At the time of reassembly, please refer to the following item. Install the shoulder belt guide to the seatback frame with a slit the guide facing to the rear side of the vehicle.

- (b) Remove the 2 nuts and rear seat outer belt.

Torque: 42 N·m (430 kgf-cm, 31 ft-lbf)

15. REMOVE NO. 1 PROTECTOR**16. REMOVE SEATBACK COVER**

Remove the hog rings and seatback cover.

HINT:

At the time of reassembly, please refer to the following item. When installing hog rings, take care to prevent wrinkles as little as possible.

17. REMOVE SEAT CUSHION FRAME

Remove the hog rings and seat cushion frame.

HINT:

At the time of reassembly, please refer to the following item. When installing hog rings, take care to prevent wrinkles as little as possible.

18. REMOVE REAR NO. 1 SEAT ADJUSTER

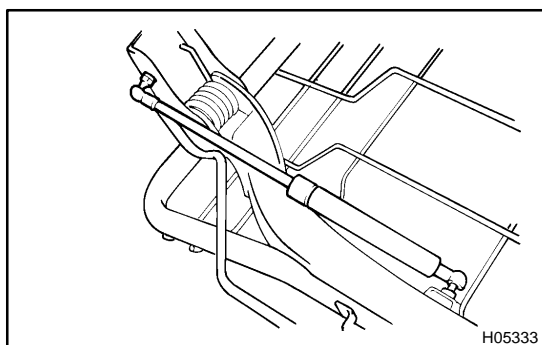
- (a) Remove the 2 bolts and rear No. 1 seat outer adjuster.

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

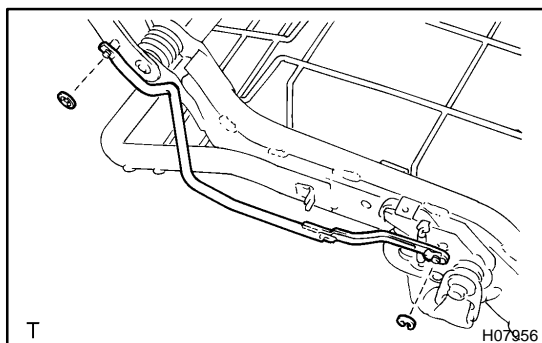
- (b) Remove the 2 bolts and rear No. 1 seat inner adjuster.

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

- (c) Remove the 2 hinge covers from the outer and inner adjuster.

**19. REMOVE REAR SEAT STAY**

Remove the 2 bolts and rear seat stay.

**20. REMOVE LH NO. 1 SEAT LEG STAY**

Using a screwdriver, remove the spring nut, E-ring and LH No. 1 seat leg stay.

21. REMOVE REAR SEAT CUSHION HINGE

- (a) Using a screwdriver, remove the spring nut and E-ring.
 (b) Remove the 2 hinge pins, 2 cushion spacers, 2 cushion support springs and 2 rear seat cushion hinges.

22. REMOVE LH REAR SEAT LOCK

Unfasten the bolt, then remove the inner belt and LH rear seat lock.

INSTALLATION

Installation is in the reverse order of removal (See page [BO-1 19](#)).

REASSEMBLY

Reassembly is in the reverse order of disassembly (See page [BO-120](#)).

REMOVAL

REMOVE REAR NO. 1 SEAT

- (a) Fold the seatback down.
- (b) Unlock the seat lock, and swing the whole seat up and forward.
- (c) Using a screwdriver, remove the seat leg covers.

HINT:

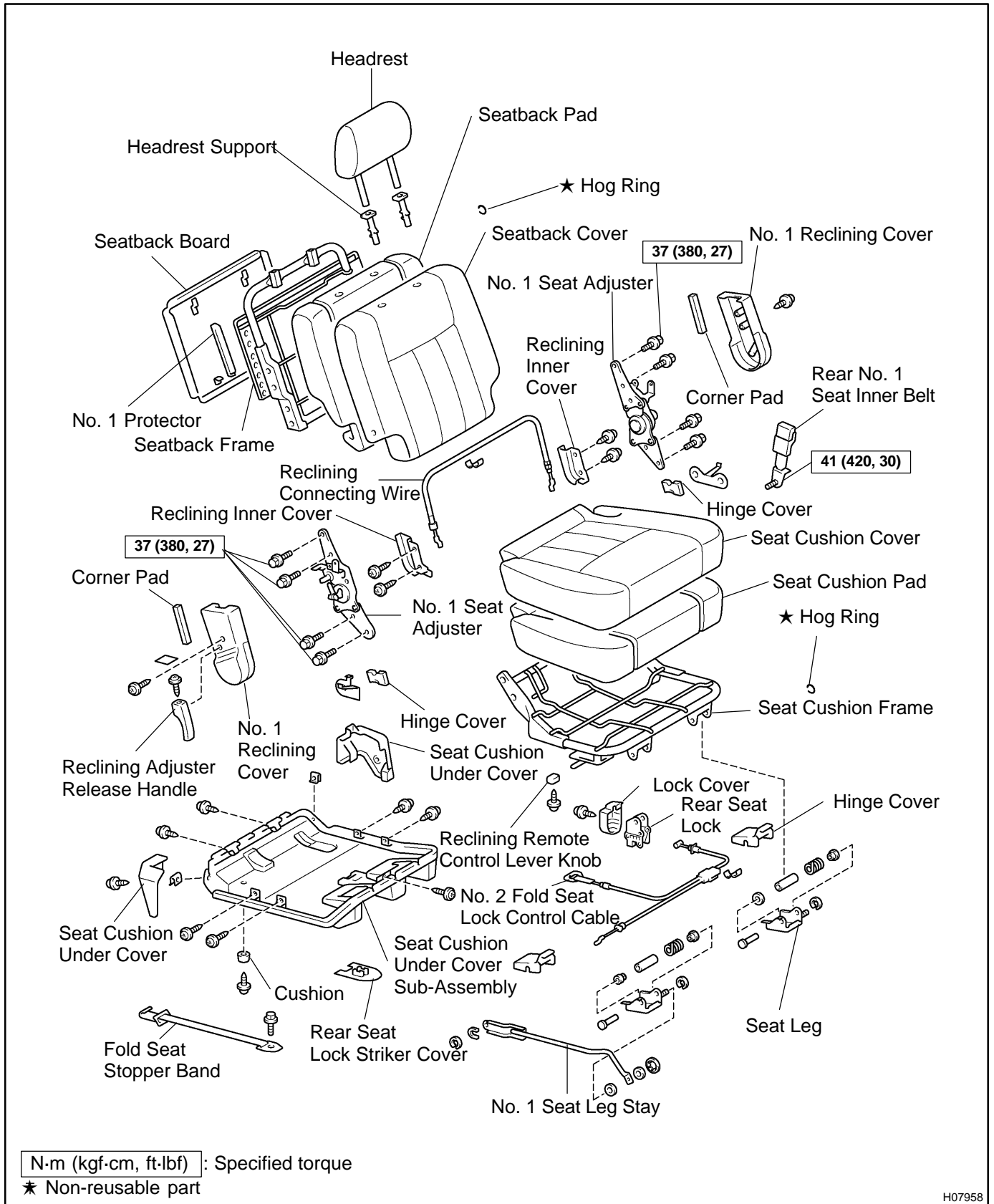
Tape the screwdriver tip before use.

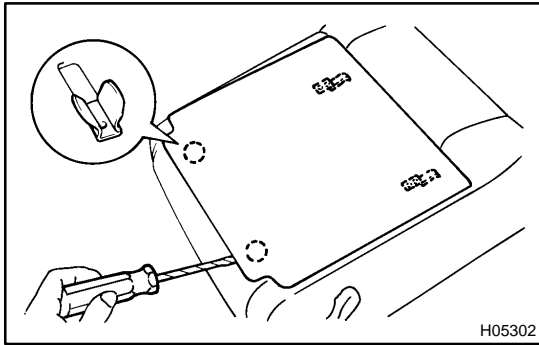
- (d) Remove the 4 bolts and rear No. 1 seat.

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

REAR NO.1 SEAT (RH) COMPONENTS

BO1L5-05





DISASSEMBLY

1. REMOVE HEADREST

2. REMOVE SEATBACK BOARD

Using a screwdriver, remove the seatback board as shown in the illustration.

HINT:

Tap the screwdriver tip before use.

3. REMOVE RECLINING ADJUSTER RELEASE HANDLE

(a) Using a screwdriver, remove the cover.

HINT:

Tap the screwdriver tip before use.

(b) Remove the screw and reclining adjuster release handle.

4. REMOVE NO. 1 RECLINING COVER

(a) Remove the 4 hog rings and open the seatback cover.

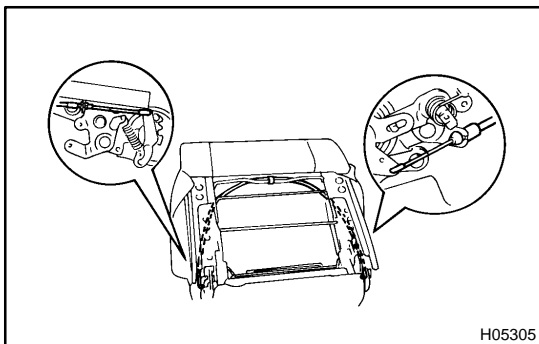
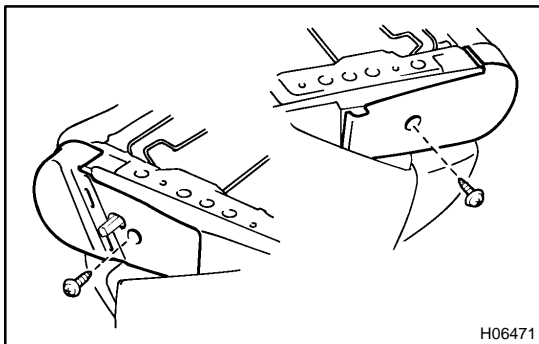
HINT:

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

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

(b) Remove the 2 corner pads.

(c) Remove the 2 screws and 2 No. 1 reclining covers as shown in the illustration.

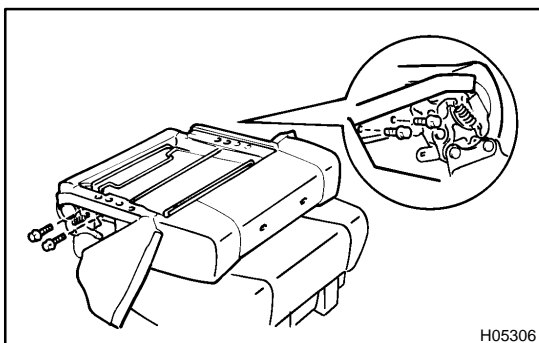


5. REMOVE RECLINING CONNECTING WIRE

(a) Loosen the nuts, then remove the reclining connecting wire of RH side edge.

(b) Remove the reclining connecting wire of LH side edge.

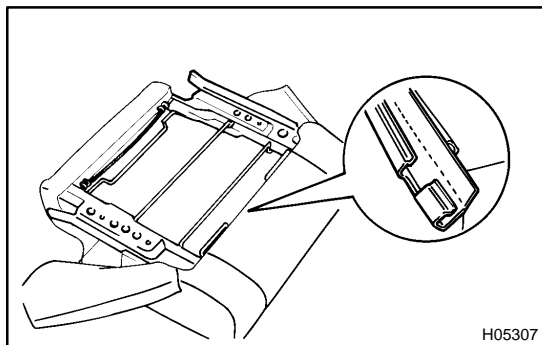
(c) Remove the clamp and reclining connecting wire.



6. REMOVE SEATBACK ASSEMBLY

Remove the 4 bolts and seatback assembly.

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

**7. REMOVE SEATBACK FRAME**

- (a) Remove the 4 screws and reclining inner cover.
- (b) Remove the 2 hog rings.

HINT:

At the time of reassembly, please refer to the following item.
When installing hog rings, take care to prevent wrinkles as little as possible.

- (c) Disengage the hook, then remove the headrest supports.
- (d) Remove the seatback frame.
- (e) Remove the 2 No. 1 protectors from the seatback frame.

8. REMOVE SEATBACK COVER

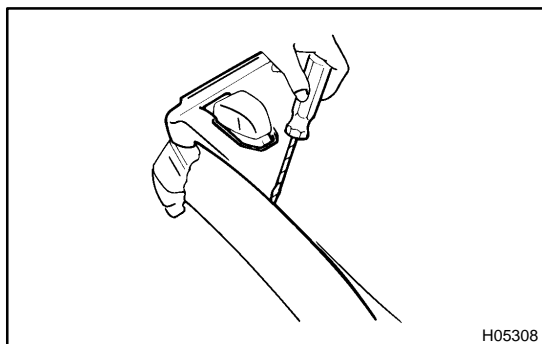
Remove the hog rings and seatback cover.

HINT:

At the time of reassembly, please refer to the following item.
When installing hog rings, take care to prevent wrinkles as little as possible.

9. REMOVE SEAT CUSHION UNDER COVER

Remove the 2 screws and 2 seat cushion under covers.

**10. REMOVE SEAT CUSHION COVER WITH PAD**

- (a) Using a screwdriver, disengage the hooks as shown in the illustration.

HINT:

Tap the screwdriver tip before use.

- (b) Remove the seat cushion cover with pad.

11. REMOVE SEAT CUSHION COVER

Remove the hog rings and seatback cover.

HINT:

At the time of reassembly, please refer to the following item.
When installing hog rings, take care to prevent wrinkles as little as possible.

12. REMOVE CUSHION

Remove the screw and cushion from the seat cushion under cover sub-assembly.

13. REMOVE LOCK COVER

Remove the screw and lock cover.

14. REMOVE RECLINING REMOTE CONTROL LEVER KNOB

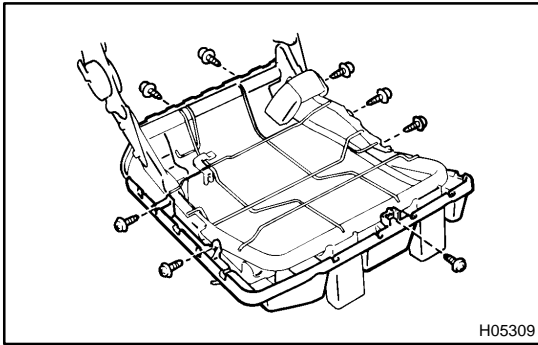
Remove the screw and reclining remote control lever knob.

15. REMOTE FOLD SEAT STOPPER BAND

Remove the bolt and fold seat stopper band.

16. REMOVE SEAT CUSHION UNDER COVERS

Remove the 2 screws and 2 seat cushion under covers.



17. REMOVE REAR SEAT CUSHION UNDER COVER SUB-ASSEMBLY

Remove the 8 screws and rear seat cushion under cover.

18. REMOVE REAR NO. 1 SEAT ADJUSTER

(a) Remove the 2 bolts and rear No. 1 seat outer adjuster.

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

(b) Remove the 2 bolts and rear No. 1 seat inner adjuster.

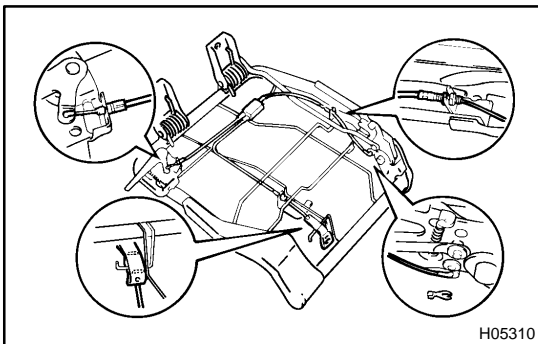
Torque: 37 N·m (380 kgf·cm, 27 ft·lbf)

(c) Remove the 2 hinge covers from the outer and inner adjusters.

19. REMOVE REAR NO. 1 SEAT INNER BELT

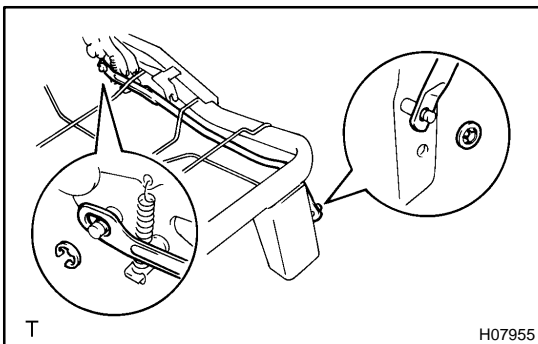
Loosen the bolt, then remove the rear No. 1 seat inner belt.

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



20. REMOVE NO. 2 FOLD SEAT LOCK CONTROL CABLE

Loosen the clamp and No. 2 fold seat lock control cable as shown in the illustration.



21. REMOVE NO. 1 SEAT LEG STAY

(a) Using a screwdriver, remove the spring nut and E-ring.

HINT:

Tape the screwdriver tip before use.

(b) Remove the No. 1 seat leg stay.

22. REMOVE REAR SEAT CUSHION HINGE

(a) Using a screwdriver, remove the 2 E-rings.

HINT:

Tape the screwdriver tip before use.

(b) Remove the 2 hinge pins, 2 cushion spacers, 2 cushion support springs and 2 rear seat cushion hinges.

23. REMOVE REAR SEAT LOCK

INSTALLATION

Installation is in the reverse order of removal (See page [BO-127](#)).

REASSEMBLY

Reassembly is in the reverse order of disassembly (See page [BO-128](#)).

REMOVAL

REMOVE REAR NO.1 SEAT

- (a) Fold the seatback down.
- (b) Unlock the seat lock, and swing the whole seat up and forward.
- (c) Using a screwdriver, remove the seat leg covers.

HINT:

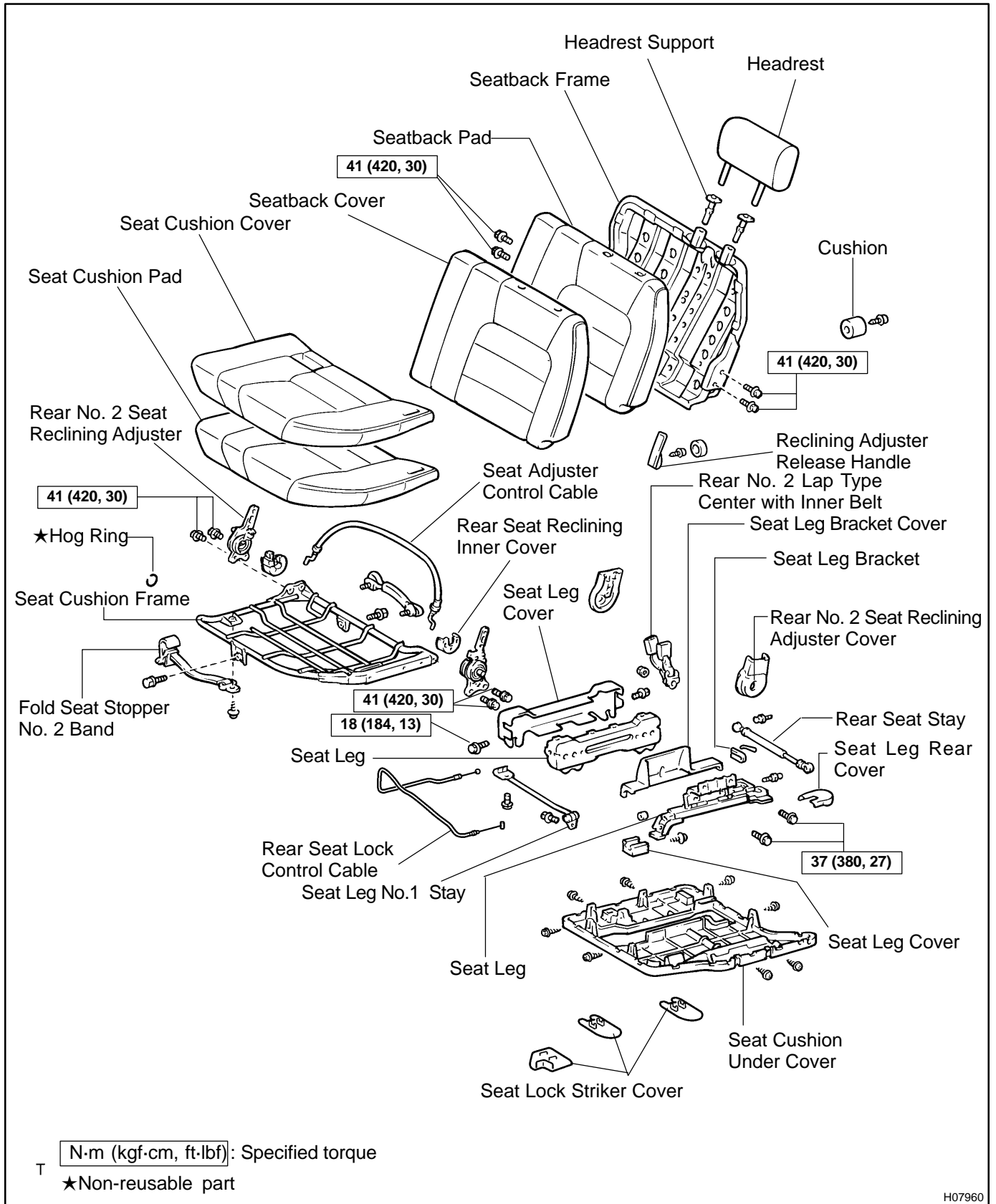
Tape the screwdriver tip before use.

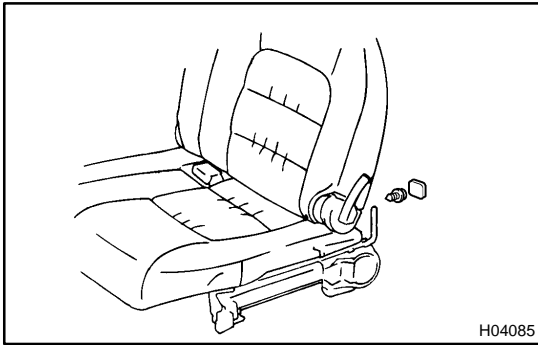
- (d) Remove the 4 bolts and rear No.1 seat.

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

REAR NO.2 SEAT COMPONENTS

BO1LG-03





DISASSEMBLY

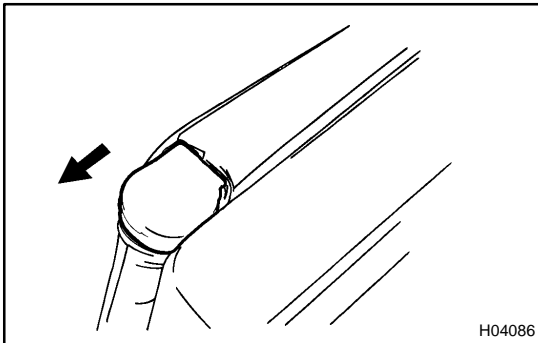
1. REMOVE RECLINING ADJUSTER RELEASE HANDLE

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

HINT:

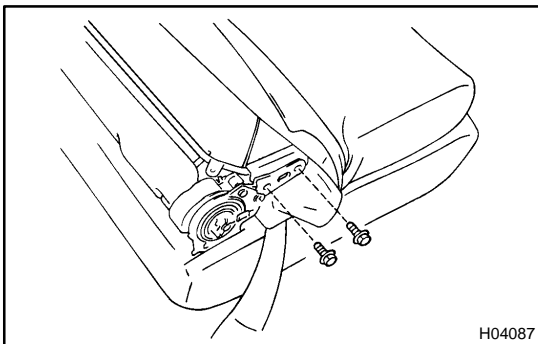
Tape the screwdriver tip before use.

- (b) Remove the screw and reclining adjuster release handle.



2. REMOVE REAR NO. 2 SEAT RECLINING ADJUSTER COVERS

Remove the No. 2 rear seat reclining covers.



3. REMOVE SEATBACK ASSEMBLY

- (a) Disengage the hook.
 (b) Remove the 4 bolts and seatback assembly.

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

4. REMOVE HEADREST

Remove the headrest.

5. REMOVE SEATBACK COVER

- (a) Remove the headrest supports.
 (b) Remove the cushion.
 (c) Remove the seatback cover with pad from the seatback frame.
 (d) Remove the seatback cover from the seatback pad.

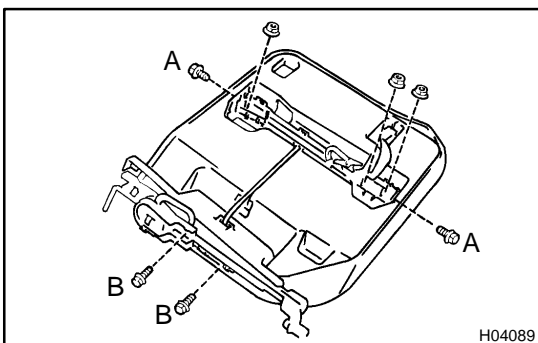
6. REMOVE REAR NO. 2 LAP TYPE CENTER WITH INNER BELT

Remove the nut and rear No. 2 lap type center with inner belt.

7. REMOVE REAR SEAT LOCK CONTROL CABLE

8. REMOVE REAR SEAT STAY

Remove the 2 bolts and rear seat stay.



9. REMOVE ADJUSTER

- (a) Remove the 3 nuts.
 (b) Remove the 4 bolts.

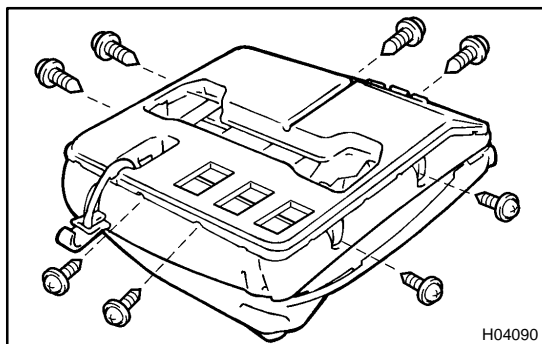
Torque:

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

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

- (c) Remove the adjuster.
 (d) Remove the seat leg bracket cover.
 (e) Remove the 2 screws and seat leg No. 1 stay.

10. REMOVE SEAT LEG BRACKET
11. REMOVE SEAT LEG REAR COVER
12. REMOVE SEAT LEG COVER



13. REMOVE SEAT CUSHION UNDER COVER

- (a) Remove the assist grip.
- (b) Using a screwdriver, disengage the hooks.

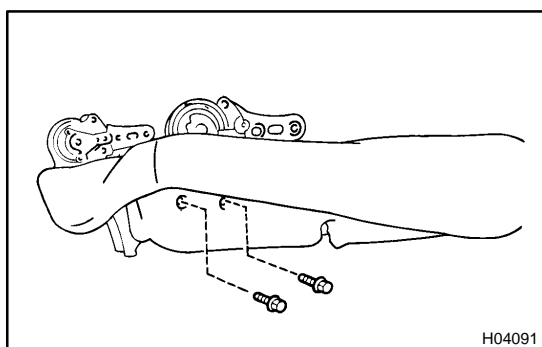
HINT:

Tape the screwdriver tip before use.

- (c) Remove the 8 screws.
- (d) Remove the seat cushion under cover.

14. REMOVE SEAT ADJUSTER CONTROL CABLE

15. REMOVE SEAT RECLINING INNER COVERS



16. REMOVE REAR NO. 2 SEAT RECLINING ADJUSTERS

- (a) Remove the 4 bolts.

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

- (b) Remove the rear No. 2 seat reclining adjusters.

17. REMOVE SEAT CUSHION COVER

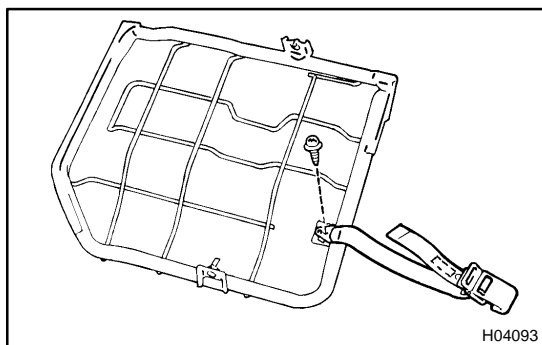
- (a) Remove hog rings and seat cushion frame.

HINT:

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

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

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



18. REMOVE HOLD SEAT STOPPER NO. 2 BAND

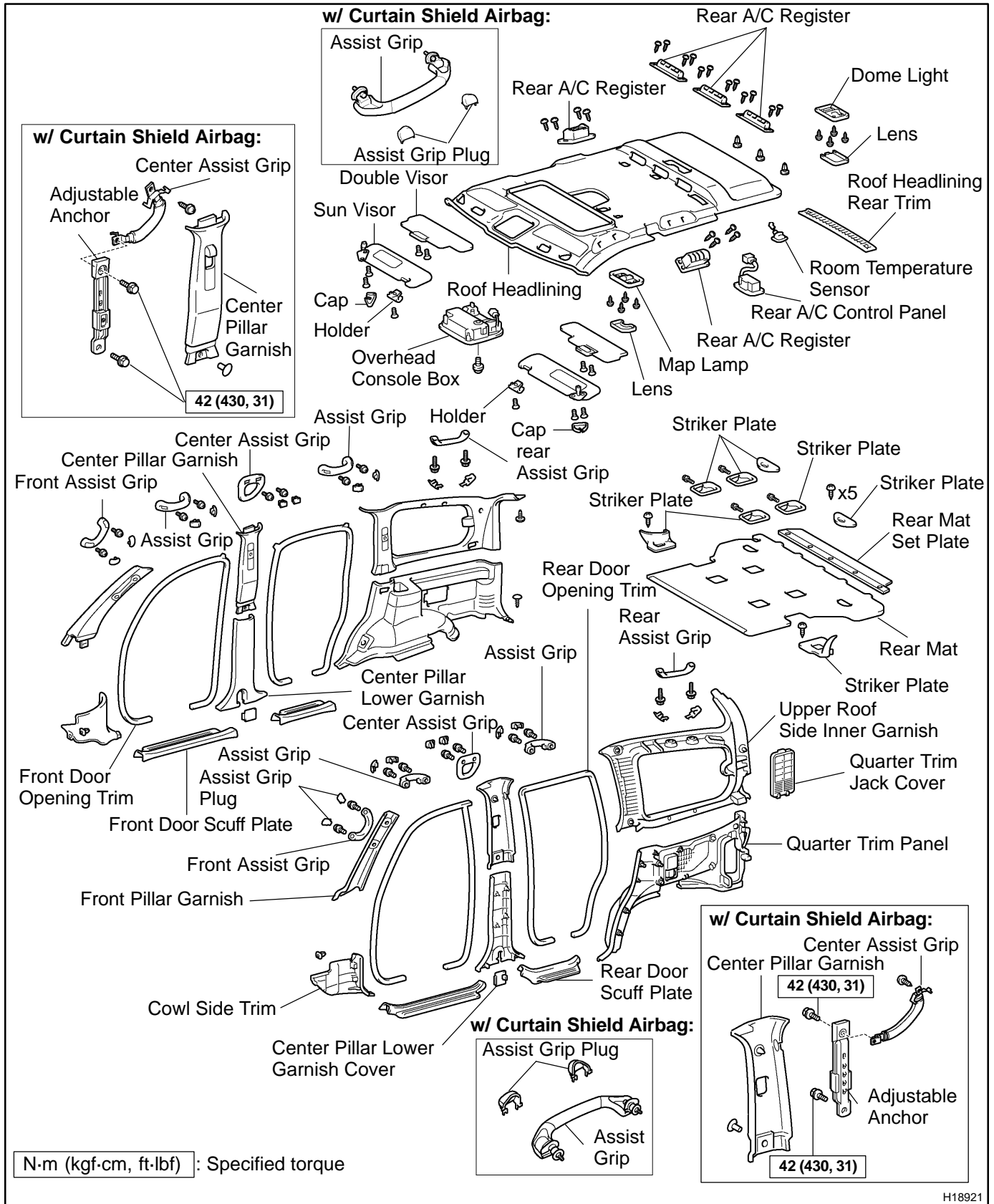
- (a) Remove the screw.
- (b) Remove the hold seat stopper No. 2 band.

REASSEMBLY

Reassembly is in the reverse order of disassembly (See page [BO-134](#)).

ROOF HEADLINING COMPONENTS

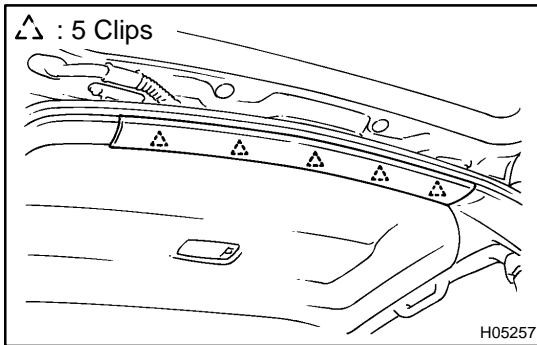
BO1KP-04



H18921

INSTALLATION

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



REMOVAL

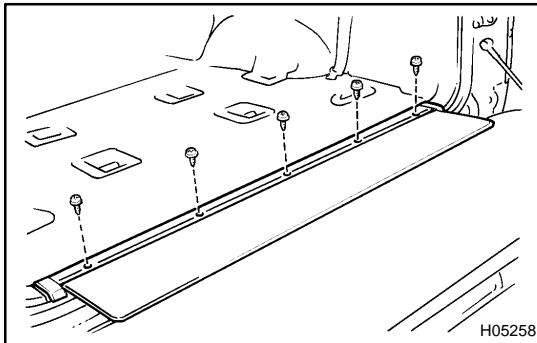
1. REMOVE ROOF HEADLINING REAR TRIM

Using a screwdriver, remove the roof headlining rear trim.

HINT:

Tape up the screwdriver tip before use.

2. REMOVE REAR NO. 2 SEATS



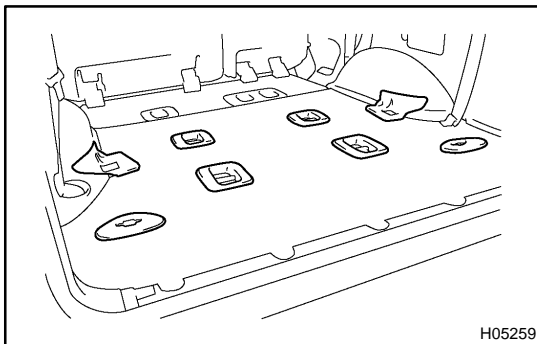
3. REMOVE REAR MAT SET PLATE

(a) Remove the 5 screws.

(b) Using a screwdriver, remove the rear mat set plate.

HINT:

Tape up the screwdriver tip before use.



4. REMOVE STRIKER PLATES

(a) Remove the 6 screws.

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

HINT:

Tape up the screwdriver tip before use.

5. REMOVE REAR MAT

6. REMOVE REAR NO. 2 SEAT OUTER BELT FLOOR ANCHOR

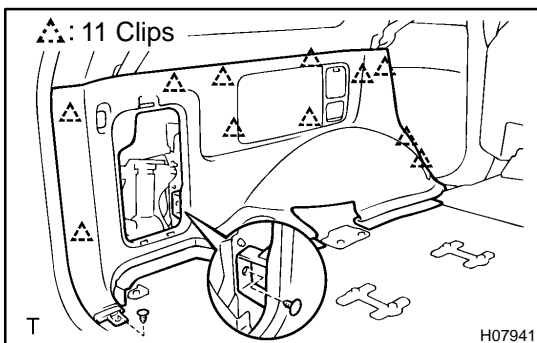
Torque: 42 N·m (430 kgf·cm, 31 ft·lbf)

7. REMOVE REAR NO. 1 SEAT OUTER BELT FLOOR ANCHOR

Torque: 42 N·m (430 kgf·cm, 31 ft·lbf)

8. REMOVE REAR DOOR SCUFF PLATES

9. REMOVE REAR DOOR OPENING TRIMS

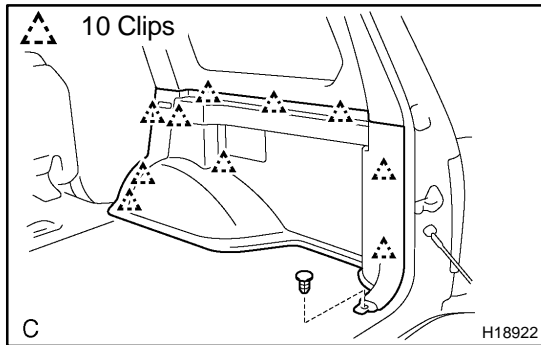


10. REMOVE QUARTER TRIM PANEL LH

(a) Remove the quarter trim jack cover.

(b) Using a clip remover, remove the 2 clips.

(c) Remove the quarter trim panel LH, then disconnect the connector.

**11. REMOVE QUARTER TRIM PANEL RH**

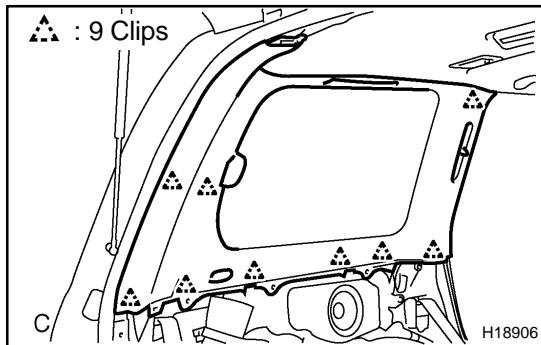
- (a) Using a clip remover, remove the clip.
- (b) Remove the quarter trim panel RH.

12. REMOVE REAR NO. 2 SEAT OUTER BELT SHOULDER ANCHORS

Torque: 42 N·m (430 kgf·cm, 31 ft·lbf)

13. REMOVE REAR NO. 1 SEAT OUTER BELT SHOULDER ANCHORS

Torque: 42 N·m (430 kgf·cm, 31 ft·lbf)

**14. REMOVE UPPER ROOF SIDE INNER GARNISHES**

- (a) Using a screwdriver, remove the 2 assist grip plugs, then remove the 2 screws and the assist grip.

HINT:

Tape up the screwdriver tip before use.

- (b) Using a clip remover, remove the clip.
- (c) Using a screwdriver, remove the upper roof side inner garnish.

HINT:

Tape up the screwdriver tip before use.

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

15. REMOVE FRONT DOOR SCUFF PLATES**16. REMOVE COWL SIDE TRIMS****17. REMOVE FRONT DOOR OPENING TRIMS****18. REMOVE FRONT ASSIST GRIP**

- (a) Using a screwdriver, remove the 2 assist grip plugs, then remove the 2 screws and front assist grip.

HINT:

Tape up the screwdriver tip before use.

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

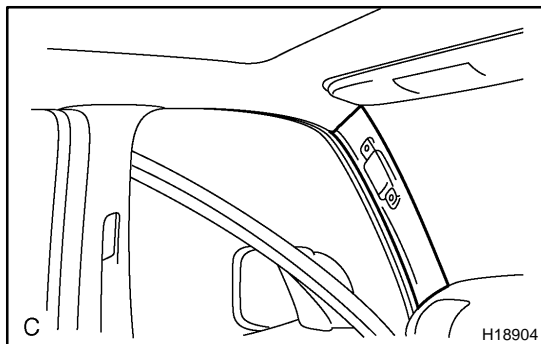
19. REMOVE FRONT PILLAR GARNISH

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

HINT:

Tape up the screwdriver tip before use.

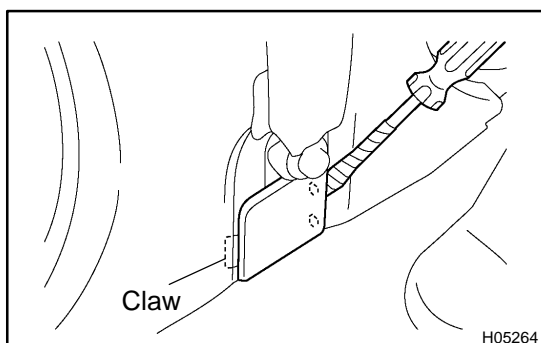
- (b) Use the same manner described above to the other side.

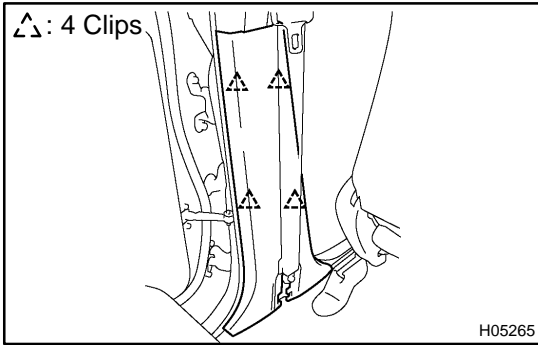
**20. REMOVE CENTER PILLAR LOWER GARNISH**

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

HINT:

Tape up the screwdriver tip before use.



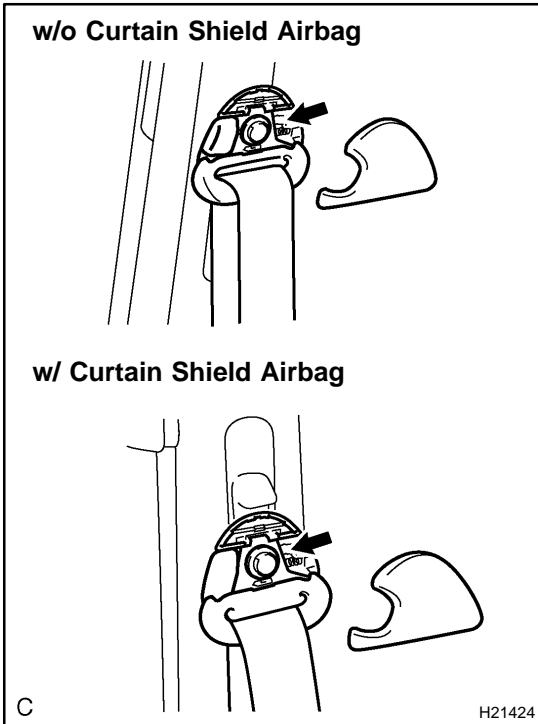


- (b) Using a screwdriver, remove the center pillar lower garnish as shown in the illustration.

HINT:

Tape up the screwdriver tip before use.

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



21. REMOVE CENTER PILLAR GARNISH

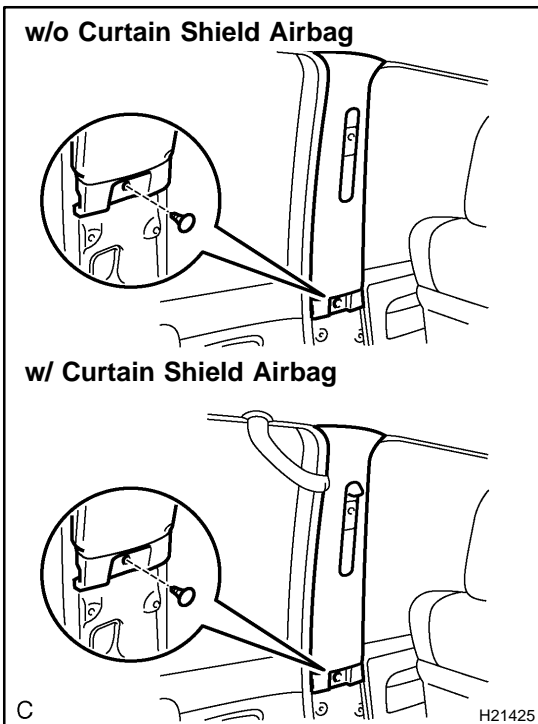
- (a) Using a screwdriver, remove the seat belt anchor cover cap.

HINT:

Tape up the screwdriver tip before use.

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

Torque: 42 N·m (430 kgf·cm, 31 ft·lbf)



- (c) Using a clip remover, remove the clip.
- (d) Using a screwdriver, remove the center pillar garnish.

HINT:

Tape up the screwdriver tip before use.

- (e) Use the same manner described above to the other side.

22. REMOVE SUN VISOR

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

HINT:

Tape the screwdriver tip before use.

- (b) Remove the screws, then disconnect the connectors.

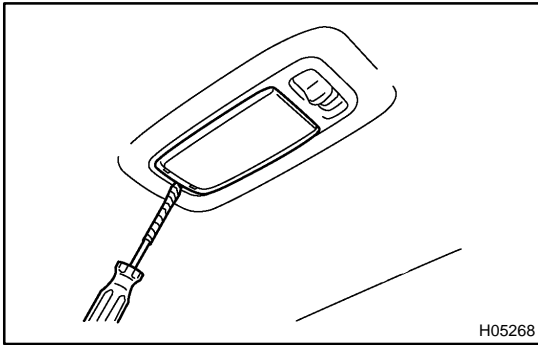
- (c) Remove the sun visors.

23. REMOVE DOUBLE VISOR

Remove the screws and the double visors.

24. REMOVE HOLDER

Remove the screws and the holders.

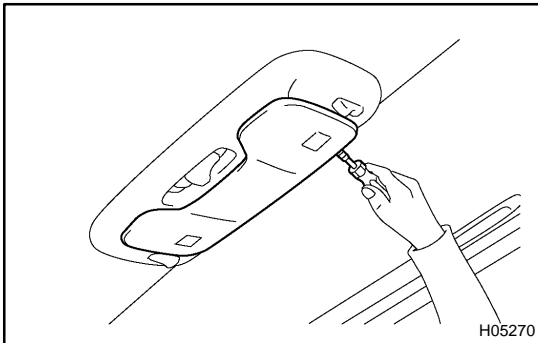
**25. REMOVE DOME LIGHT**

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

HINT:

Tape up the screwdriver tip before use.

- (b) Remove the 4 screws and the dome light, then disconnect the connector.

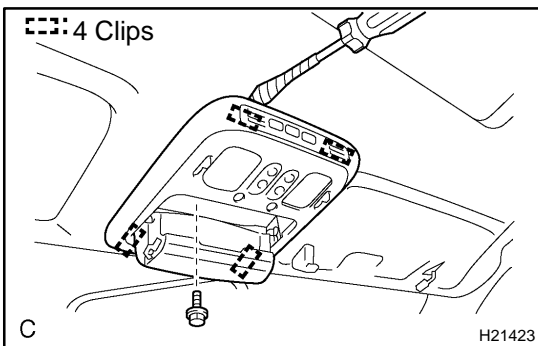
**26. REMOVE MAP LAMP**

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

HINT:

Tape up the screwdriver tip before use.

- (b) Remove the 4 screws and the map lamp, then disconnect the connector.

**27. REMOVE OVERHEAD CONSOLE BOX**

- (a) Remove the bolt.
- (b) Using a screwdriver, remove the overhead console box, then disconnect the connector.

HINT:

Tape up the screwdriver tip before use.

28. REMOVE REAR A/C CONTROL PANEL

Using a screwdriver, release the 4 claws and pull out the rear A/C control panel, then disconnect the connector.

HINT:

Tape up the screwdriver tip before use.

29. REMOVE ROOM TEMPERATURE SENSOR

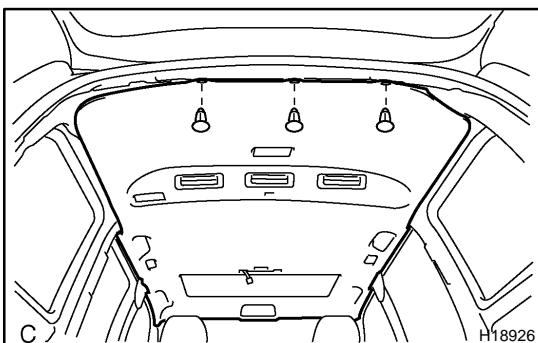
Using a screwdriver, pull out the room temperature sensor, then disconnect the connector.

HINT:

Tape up the screwdriver tip before use.

30. REMOVE ASSIST GRIPS

- 31. w/o Curtain Shield Airbag:
REMOVE CENTER ASSIST GRIPS**

**32. REMOVE ROOF HEADLINING**

Using a clip remover, remove the 3 clips and the roof headlining.

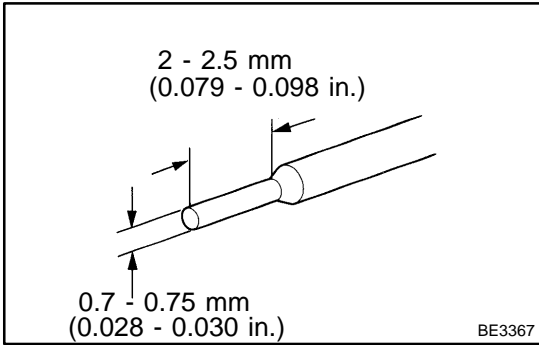
33. REMOVE REAR A/C REGISTER

- 34. w/ Curtain Shield Airbag:
REMOVE ADJUSTABLE ANCHOR**

Remove the 2 bolts and the adjustable anchor.

Torque: 42 N·m (430 kgf·cm, 31 ft·lbf)

- 35. w/ Curtain Shield Airbag:
REMOVE CENTER ASSIST GRIPS**



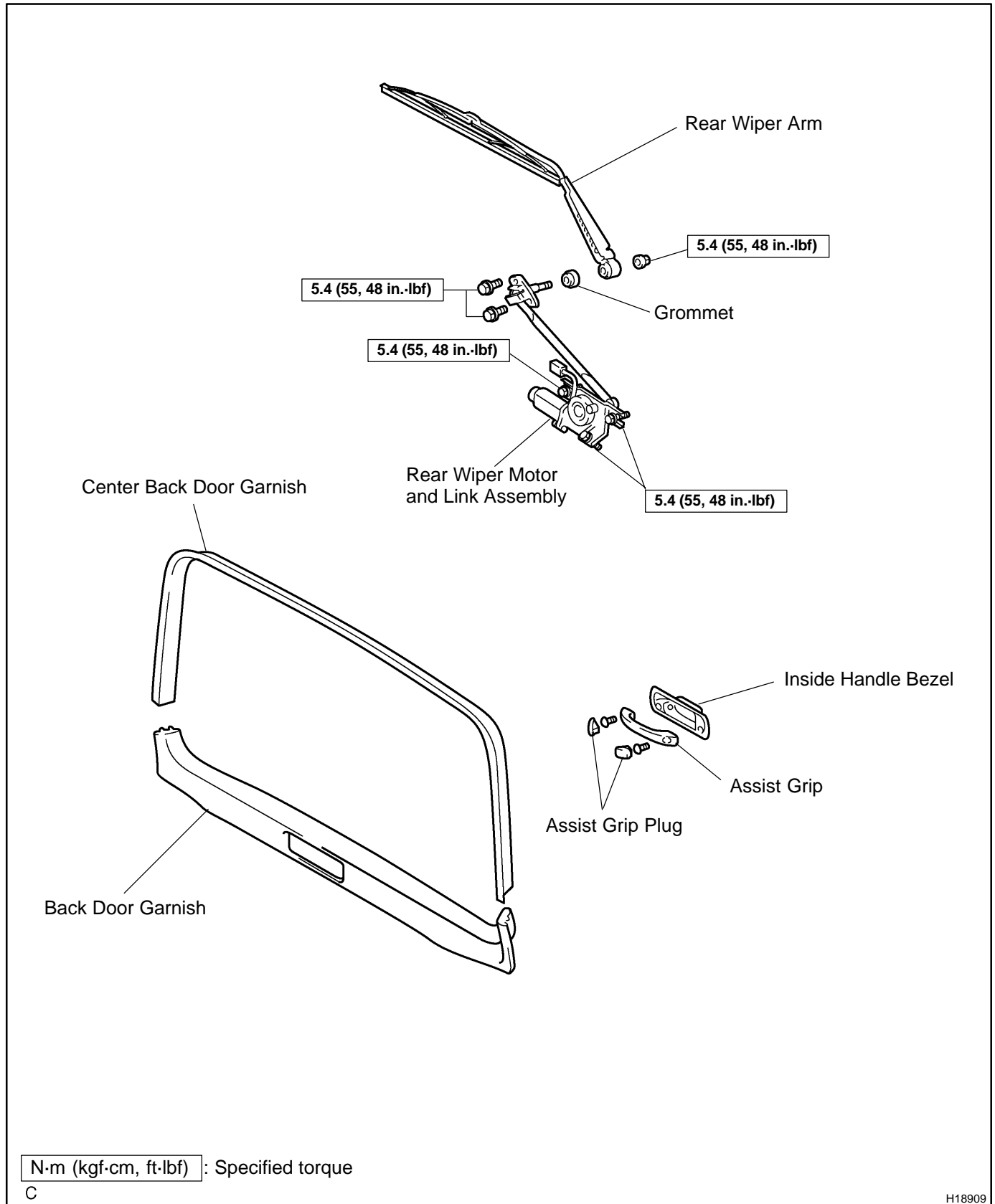
ADJUSTMENT

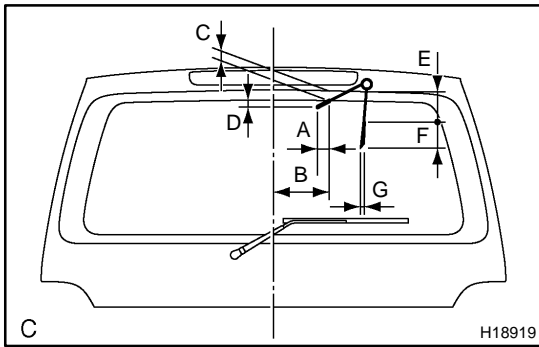
ADJUST WASHER NOZZLE

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

REAR WIPER AND WASHER COMPONENTS

BO1JW-03



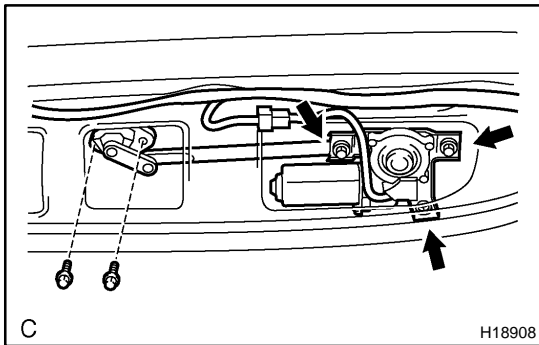


INSPECTION

INSPECT WASHER NOZZLE

While operating the washer, check if the point where the washer fluid hits the back door glass is within the range indicated in the illustration.

- A: Approx. 40 mm (1.57 in.)**
- B: Approx. 180 mm (7.09 in.)**
- C: Approx. 40 mm (1.57 in.)**
- D: Approx. 30 mm (1.18 in.)**
- E: Approx. 120 mm (4.72 in.)**
- F: Approx. 90 mm (3.54 in.)**
- G: Approx. 15 mm (0.59 in.)**



INSTALLATION

1. INSTALL REAR WIPER MOTOR AND LINK ASSEMBLY

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

- (b) Connect the connector.

2. INSTALL BACK DOOR GARNISH

3. INSTALL CENTER BACK DOOR GARNISH

4. INSTALL INSIDE HANDLE BEZEL

5. INSTALL ASSIST GRIP

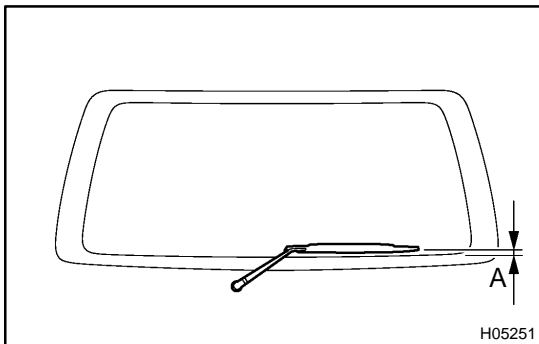
Install the assist grip with the 2 screws, then install the 2 assist grip plugs.

6. INSTALL REAR WIPER ARM

- (a) Install the grommet.

- (b) Operate the wiper once and turn the wiper switch OFF.

- (c) Install the wiper arm and tighten the nut by hand.



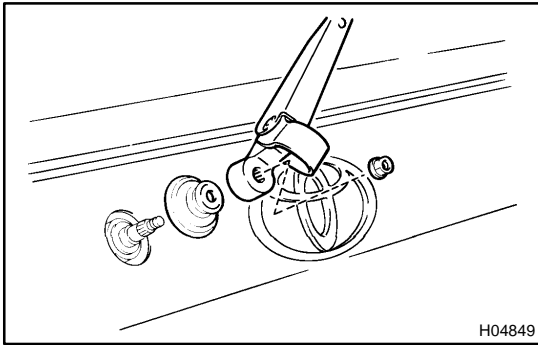
- (d) Adjust the installation position of the wiper arm to the position as shown in the illustration.

A: Approx. 38 ± 10 mm (1.50 ± 0.39 in.)

- (e) Torque the nut.

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

- (f) Close the cover.



REMOVAL

1. REMOVE REAR WIPER ARM

- (a) Open the cover.
- (b) Remove the nut and rear wiper arm.
- (c) Remove the grommet.

2. REMOVE ASSIST GRIP

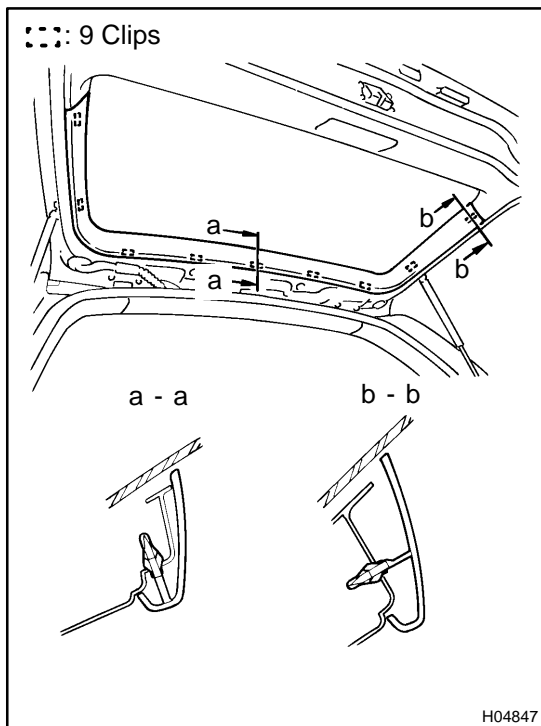
- (a) Using a screwdriver, remove the 2 assist grip plugs.

HINT:

Tape up the screwdriver tip before use.

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

3. REMOVE INSIDE HANDLE BEZEL

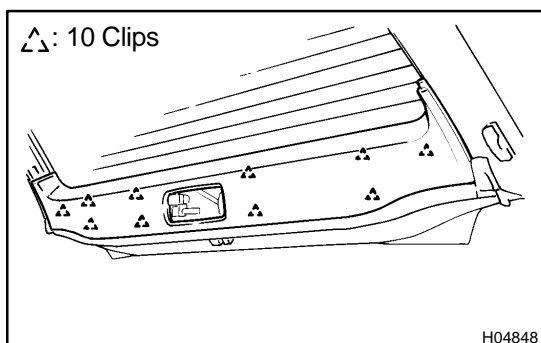


4. REMOVE CENTER BACK DOOR GARNISH

Using a screwdriver, remove the center back door garnish.

HINT:

Tape up the screwdriver tip before use.

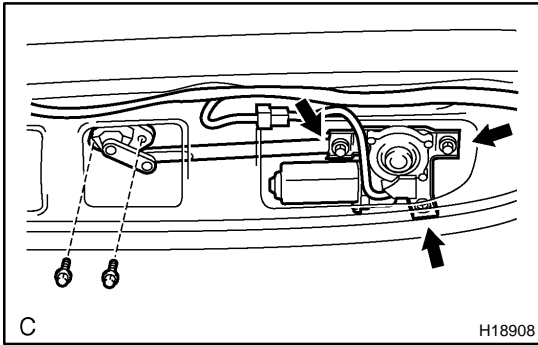


5. REMOVE BACK DOOR GARNISH

Using a screwdriver, remove the back door garnish.

HINT:

Tape up the screwdriver tip before use.



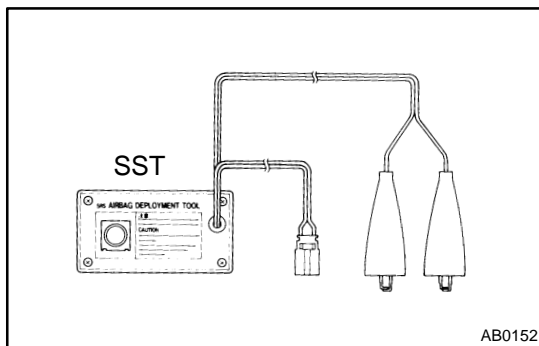
6. REMOVE REAR WIPER MOTOR AND LINK ASSEMBLY

- (a) Disconnect the connector.
- (b) Remove the 2 bolts.
- (c) Unfasten the 3 bolts and remove the rear wiper motor with link assembly.

DISPOSAL

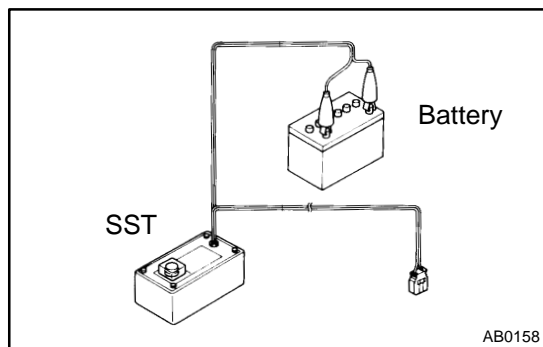
HINT:

When scrapping vehicle equipped with an 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 DEPT. of TOYOTA MOTORS SALES, U.S.A., INC.. When disposing of a front seat outer belt (with seat belt pretensioner) activated in a collision, follow the same procedure given in step 1-(d) in "DISPOSAL".



CAUTION:

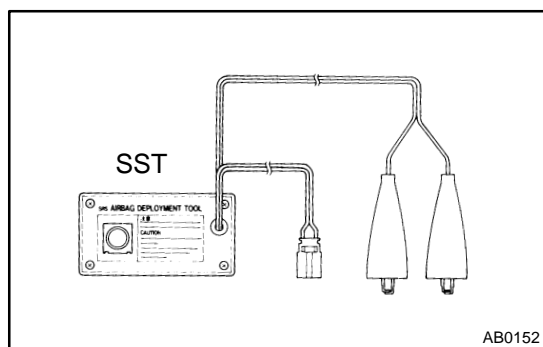
- ★ Never dispose of front seat outer belt which has inactivated pretensioner.
- ★ The seat belt pretensioner produces a sizeable exploding sound when it activates, so perform the operation out-of-door and where it will not create a nuisance to nearby residents.
- ★ When activating the seat belt pretensioner,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



1. SEAT BELT PRETENSIONER ACTIVATION WHEN SCRAPPING VEHICLE

HINT:

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

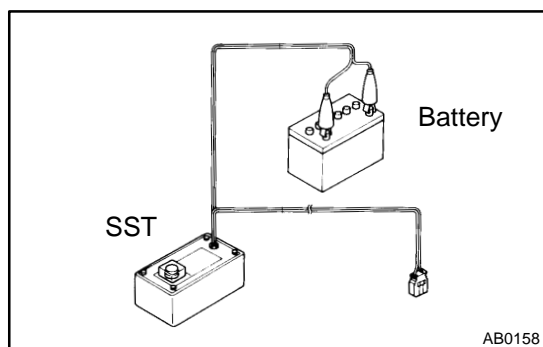


(a) Check functioning of SST.

CAUTION:

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

SST 09082-00700, 09082-00740

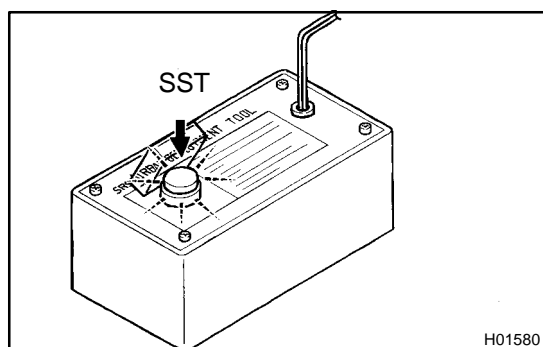


(1) Connect the SST to battery.

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

HINT:

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



(2) Check functioning of SST.

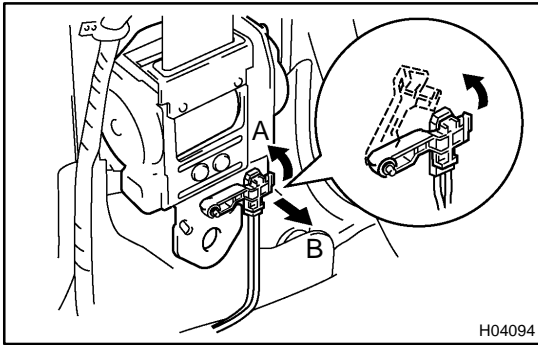
Press the SST activation switch, and check the LED of the SST activation switch lights up.

CAUTION:

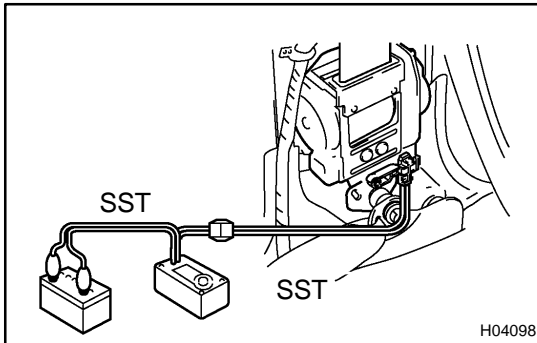
If the LED lights up when the activation switch is not being pressed, SST malfunction is probable, so definitely do not use the SST.

(b) Disconnect the pretensioner connector.

- (1) Remove the front door scuff plate.
- (2) Remove the front door opening trim.
- (3) Remove the rear door scuff plate.
- (4) Remove the rear door opening trim.
- (5) Remove the center pillar lower garnish.



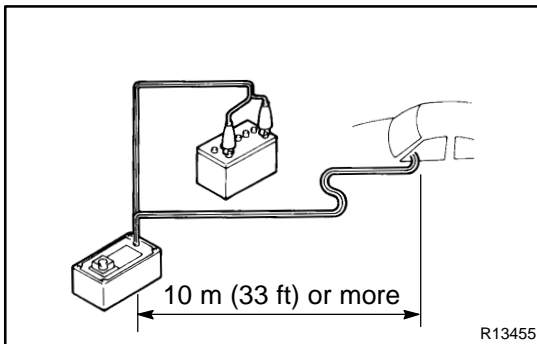
- (6) Disconnect the pretensioner connector in the order "A" and "B" as shown in the illustration.



- (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 secondary lock of the twin lock.



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

NOTICE:

Take care not to damage the SST wire harness.

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

HINT:

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

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

CAUTION:

- ★ The front seat outer belt is very hot when the seat belt pretensioner is activated, so leave it alone for at least 30 minutes after activation.
 - ★ Use gloves and safety glasses when handling a front seat outer belt with activated seat belt pretensioner.
 - ★ Always wash your hands with water after completing the operation.
 - ★ Do not apply water, etc. to a front seat outer belt with activated seat belt pretensioner.
2. **ACTIVATION WHEN DISPOSING OF FRONT SEAT OUTER BELT ONLY**

HINT:

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

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.**

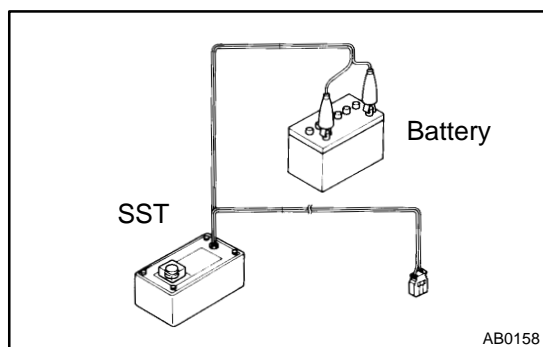
HINT:

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

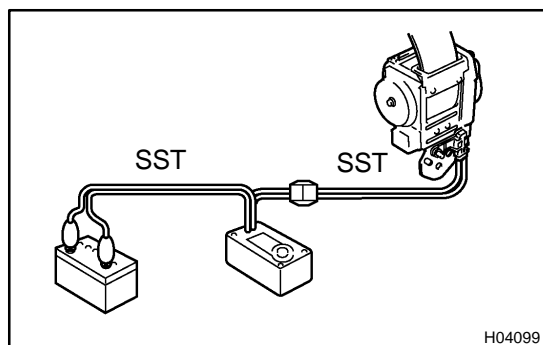
- (a) Remove the front seat outer belt (See page [BO-137](#)).

HINT:

Cut the belt near the seat belt retractor.



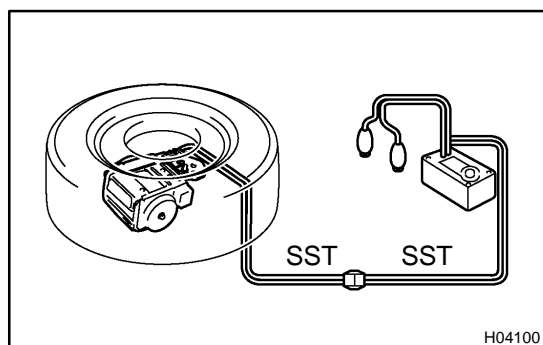
- (b) Check functioning of SST (See step 1-(a)).
SST 09082-00700, 09082-00740



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

NOTICE:

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

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

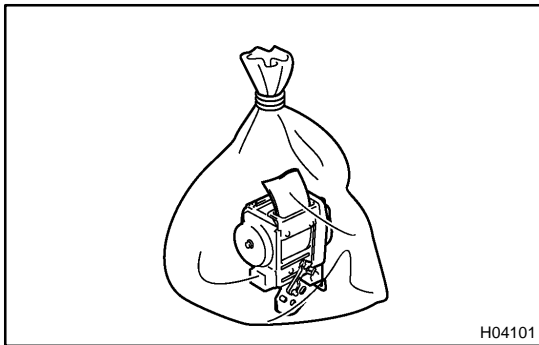
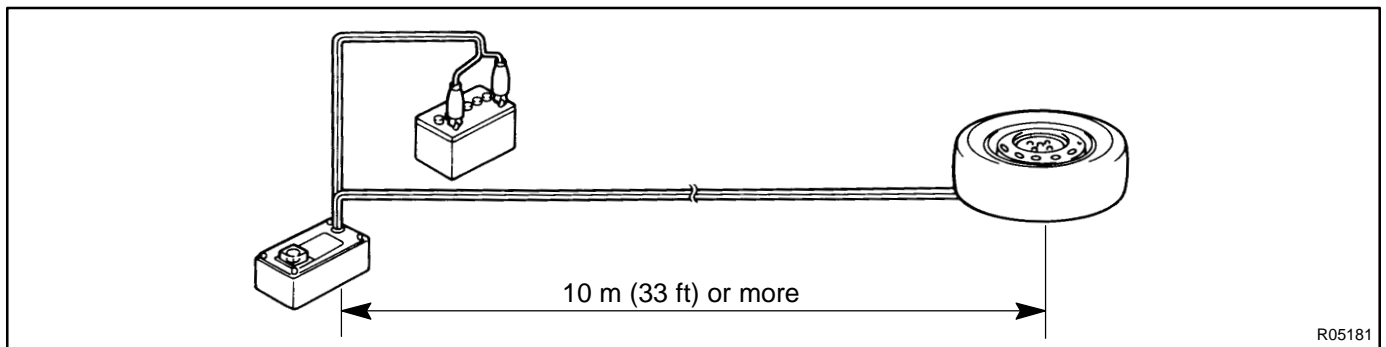
NOTICE:

Take care not to damage the SST wire harness.

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

HINT:

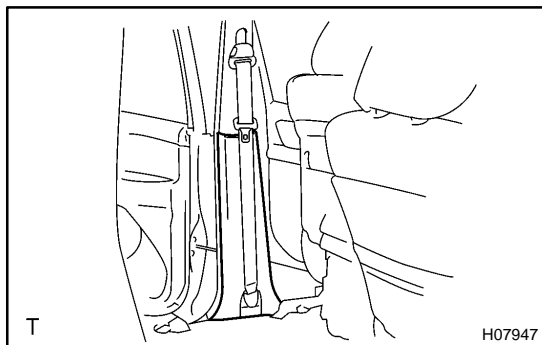
The seat belt pretensioner operates simultaneously as the LED of the SST activation switch lights up.



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

CAUTION:

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



INSPECTION

1. PRETENSIONER IS NOT ACTIVATED

- (a) Perform a diagnostic system check (See page [DI-692](#)).
- (b) Perform a visual check which includes the following items with the front seat outer belt removed from the vehicle.
 - ★ Check for cuts and cracks in, or marked discoloration of the center pillar lower garnish.
 - ★ Check for cuts and cracks in wire harness, and for chipping in connectors.
 - ★ Check for deformation of the center pillar.

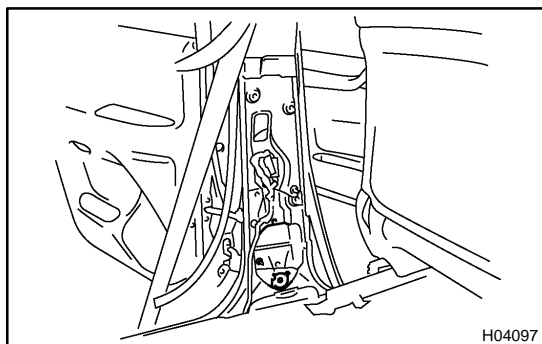
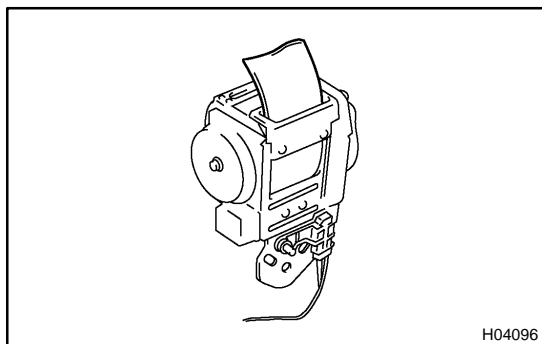
CAUTION:

For removal and installation of the front seat outer belt, see page [BO-141](#) and [BO-150](#).

Be sure to follow the correct procedure.

2. PRETENSIONER IS ACTIVATED

- (a) Perform a diagnostic system check (See page [DI-692](#)).
- (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.



INSTALLATION

NOTICE:

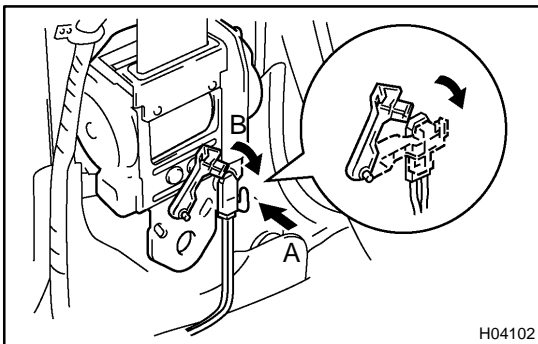
- ★ Never use seat belt pretensioner from another vehicle. When replacing parts, replace them with new parts.
- ★ Make sure that the front seat outer belt is installed with the specified torque.
- ★ If the front seat outer belt has been dropped, or there are cracks, dents or other defects in the case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

1. INSTALL RETRACTOR OF FRONT SEAT OUTER BELT

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

Torque:

Upper bolt: 4.9 N·m (50 kgf·cm, 43 in.-lbf)



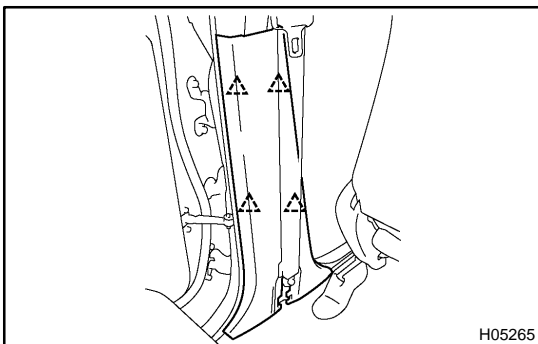
- (b) Connect the pretensioner connector in the order "A" and "B" as shown in the illustration.

2. INSTALL FRONT SEAT OUTER BELT SHOULDER ANCHOR

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

3. INSTALL FRONT SEAT OUTER BELT FLOOR ANCHOR

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



4. INSTALL CENTER PILLAR LOWER GARNISH

- (a) Install the center pillar lower garnish.

- (b) Install the center pillar garnish cover.

5. INSTALL REAR DOOR OPENING TRIM

6. INSTALL REAR DOOR SCUFF PLATE

7. INSTALL FRONT DOOR OPENING TRIM

8. INSTALL FRONT DOOR SCUFF PLATE

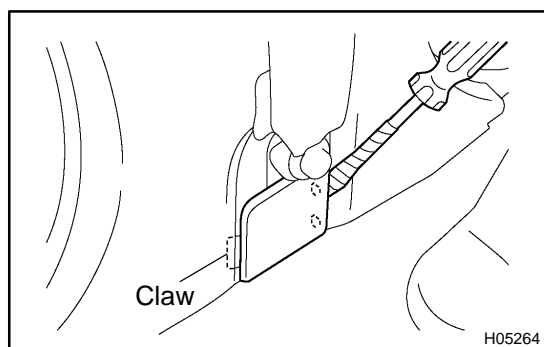
SEAT BELT PRETENSIONER REMOVAL

BO21G-03

NOTICE:

- ★ If the wiring connector of the seat belt pretensioner is disconnected with the ignition switch at ON or ACC, diagnostic trouble codes will be recorded.
- ★ Never use seat belt pretensioner from another vehicle. When replacing seat belt pretensioner, replace it with a new one.

1. REMOVE FRONT DOOR SCUFF PLATE
2. REMOVE FRONT DOOR OPENING TRIM
3. REMOVE REAR DOOR SCUFF PLATE
4. REMOVE REAR DOOR OPENING TRIM

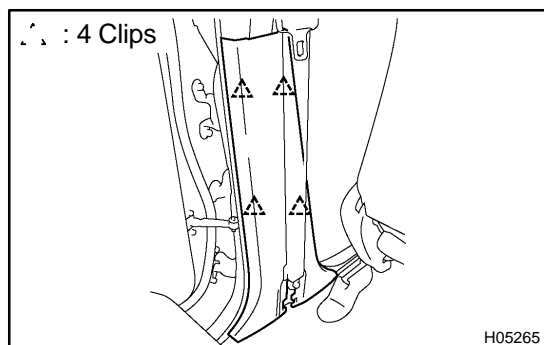


5. REMOVE CENTER PILLAR LOWER GARNISH

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

HINT:

Tape the screwdriver tip before use.



- (b) Using a screwdriver, remove the center pillar lower garnish as shown in the illustration.

HINT:

Tape the screwdriver tip before use.

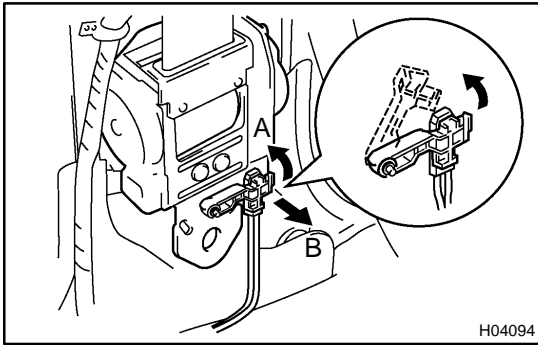
6. REMOVE FRONT SEAT OUTER BELT SHOULDER ANCHOR
7. REMOVE FRONT SEAT OUTER BELT FLOOR ANCHOR
8. REMOVE RETRACTOR OF FRONT SEAT OUTER BELT

CAUTION:

Never disassemble the retractor of front seat outer belt.

NOTICE:

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



- (a) Disconnect the pretensioner connector in the order "A" and "B" as shown in the illustration.

CAUTION:

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

- (b) Remove the bolt and retractor of front seat outer belt.

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 of items 1-(b) or 2-(b).
- ★ If the front seat outer belt has been dropped.

CAUTION:

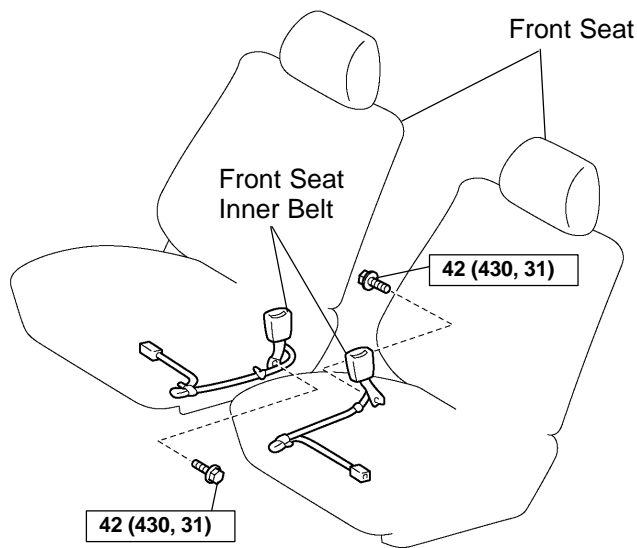
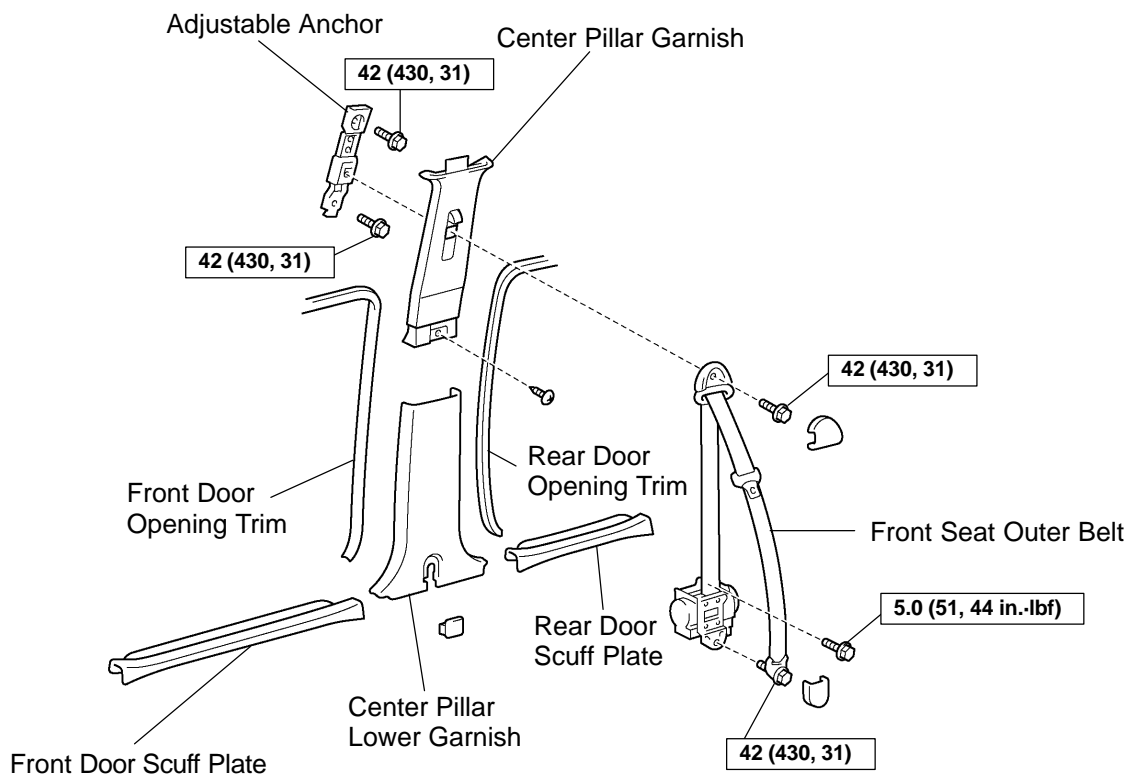
For removal and installation of the seat belt pretensioner, see page [BO-141](#) and [BO-150](#) .

Be sure to follow the correct procedure.

SEAT BELT COMPONENTS

BO1KY-04

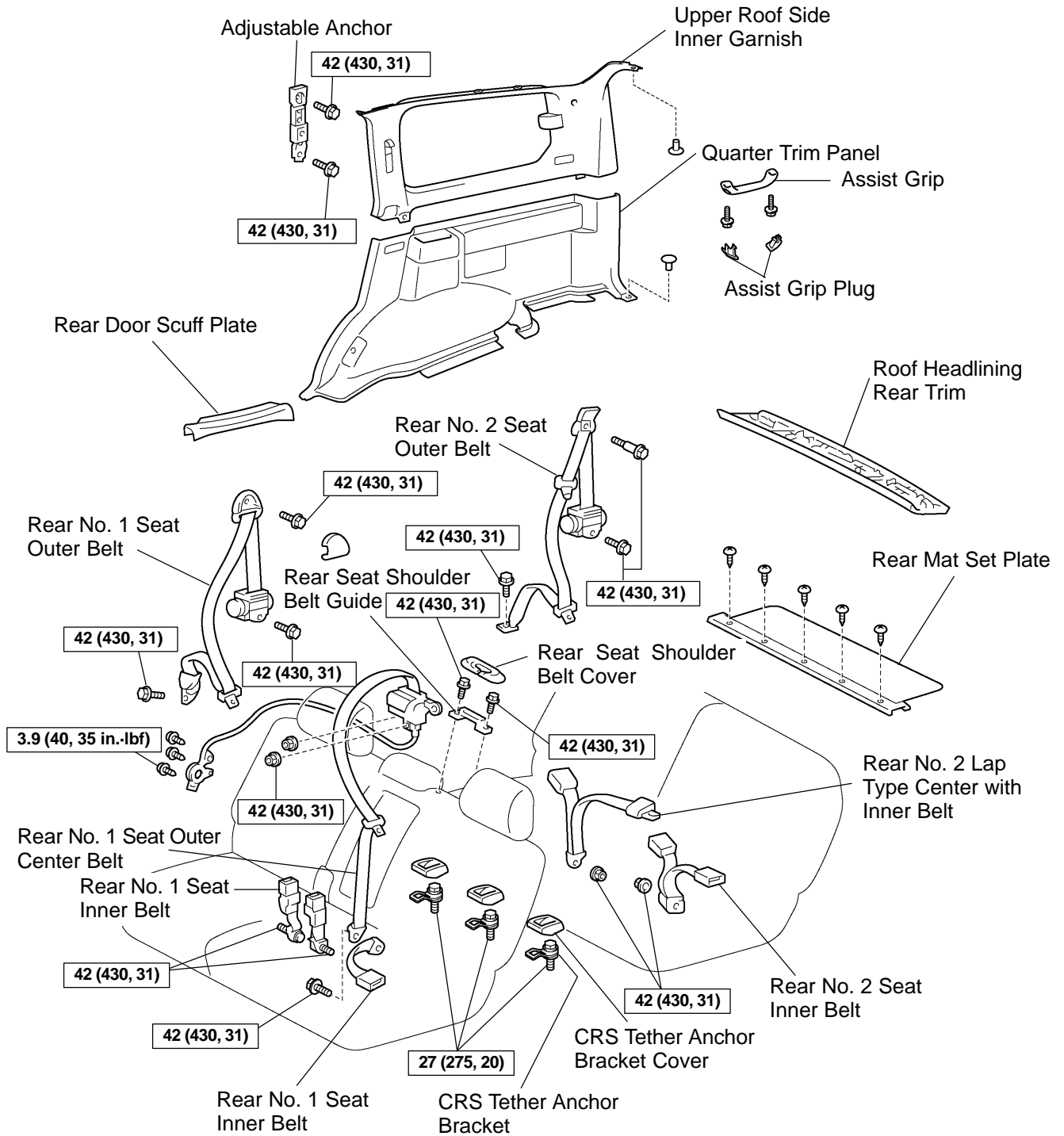
Front Seat Belt:



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

H18930

Rear Seat Belt:



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

H18931

INSPECTION

CAUTION:

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

1. Except manual type:

RUNNING TEST (IN SAFE AREA)

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

HINT:

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

2. Driver's seat belt (ELR):

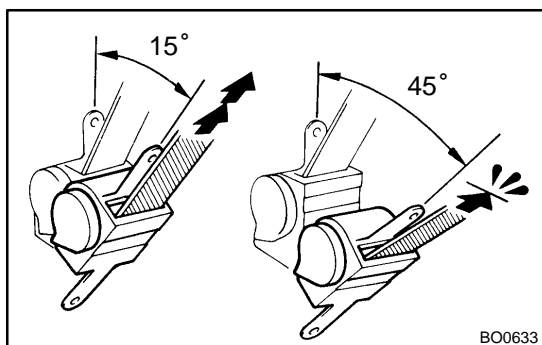
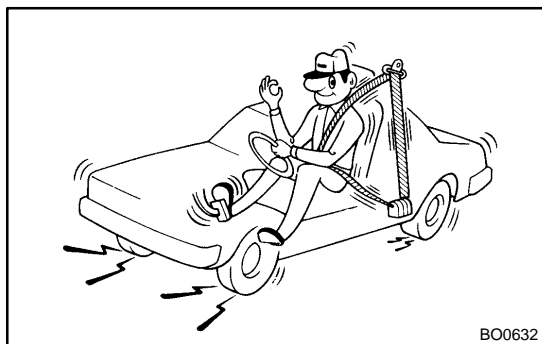
STATIC TEST

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

HINT:

Before removing the pretensioner connector, be sure to read the precautionary notice in the RS section.

- (c) Tilt the retractor slowly.



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

If a problem is found, replace the assembly.

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

STATIC TEST

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

HINT:

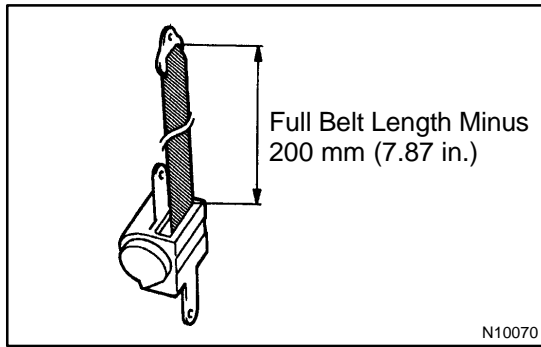
Before removing the pretensioner connector, be sure to read the precautionary notice in the RS section.

- (c) Pull out the whole belt and measure the length of the whole belt.

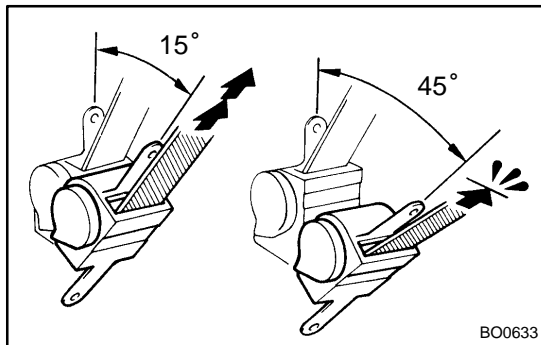
Then retract the belt slightly and pull it out again

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

If a problem is found, replace the assembly.

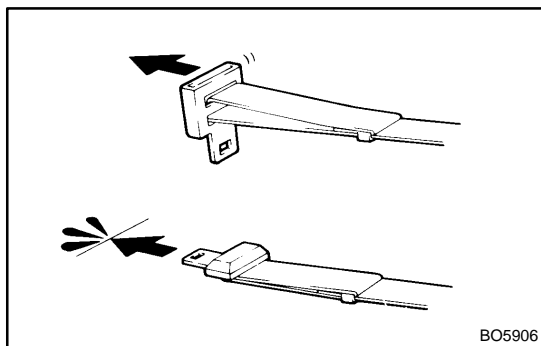


- (e) Retract the whole belt, then pull out the belt until 200 mm (7.87 in.) of the belt remaining in the retractor.
- (f) Tilt the retractor slowly.



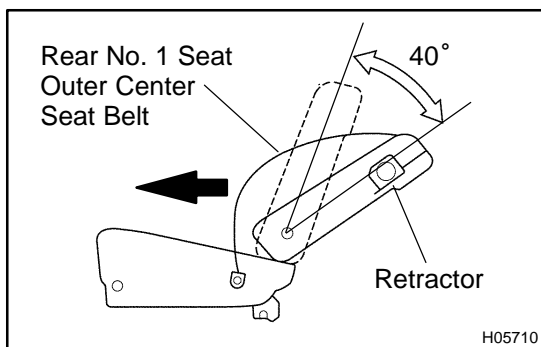
- (g) Make sure that the belt can be pulled out at a tilt of 15 degrees or less, and cannot be pulled out at over 45 degrees of tilt.

If a problem is found, replace the assembly.



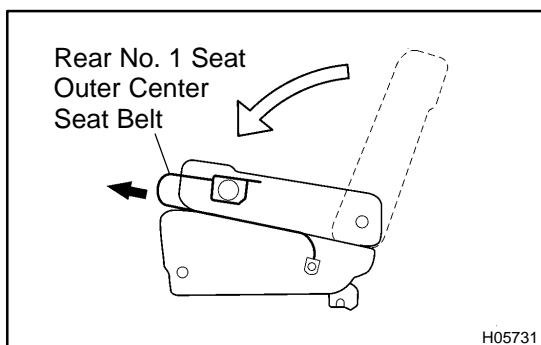
4. Manual type: TESTING

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



5. INSPECT REAR NO. 1 SEAT CENTER BELT

- (a) After pulling out 300 mm (11.81 in.) of the seat belt, check that the belt is locked when pulled out quickly.
- (b) Check that the belt can be pulled out 300 mm (11.81 in.) without being locked when the seat is reclined as shown in the illustration.
- (c) Check that the belt is locked when the belt is pulled out by a certain amount under (a) condition.

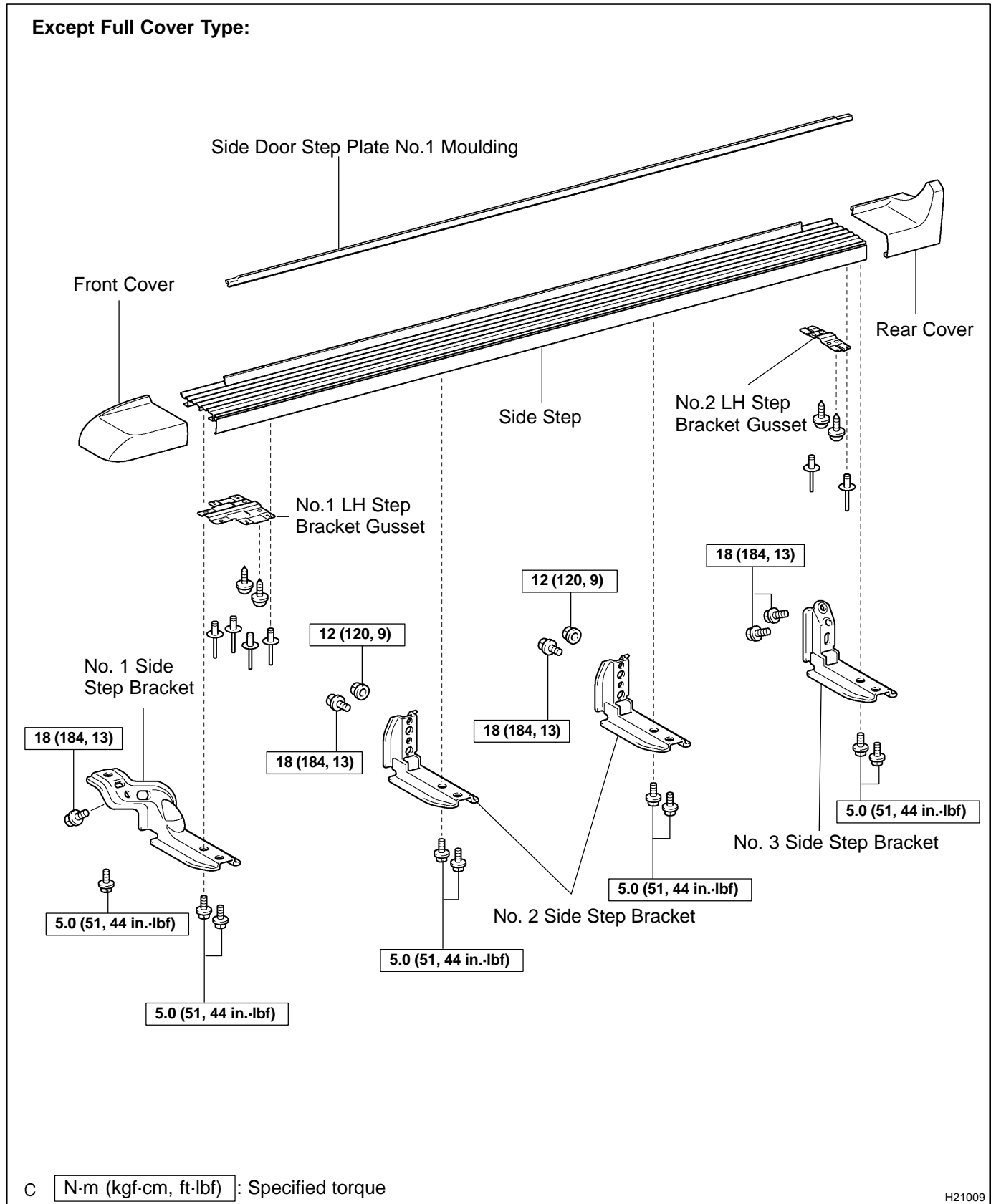


- (d) When folding down the seatback forward and extracting the seat belt slowly, check that the belt is locked after a certain length (approx. 500 mm (19.69 in.)) of the belt has been extracted.

SIDE STEP COMPONENTS

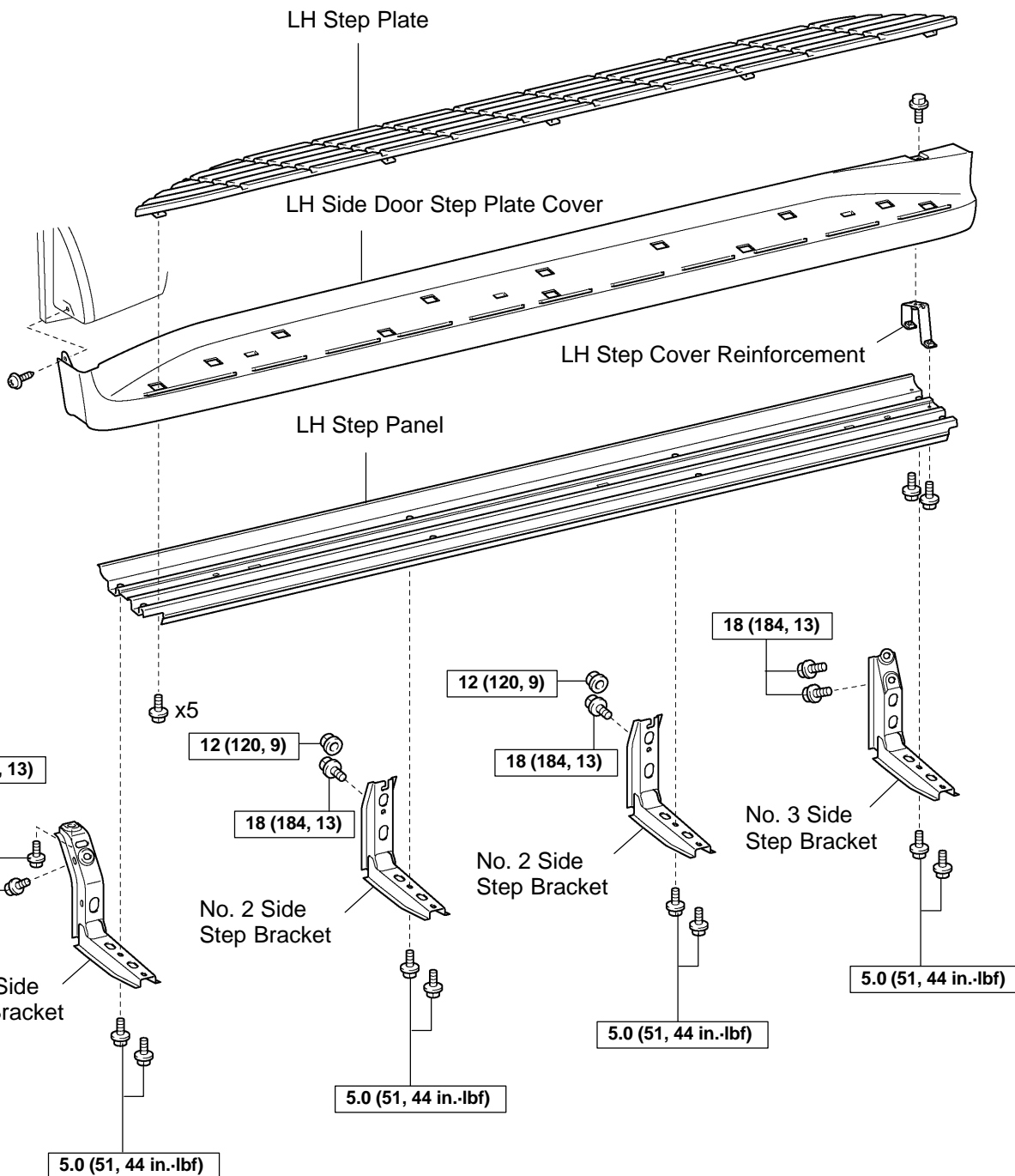
BO4J0-01

Except Full Cover Type:



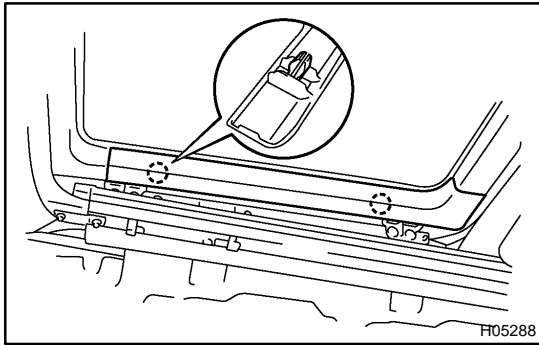
H21009

Full Cover Type:



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

H21008



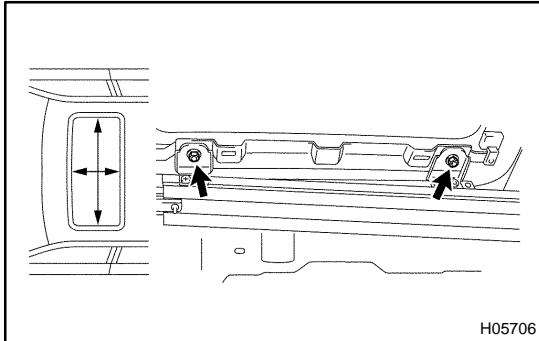
ADJUSTMENT

1. REMOVE SIDE GARNISH

Before making adjustment, using a screwdriver, remove the side garnishes.

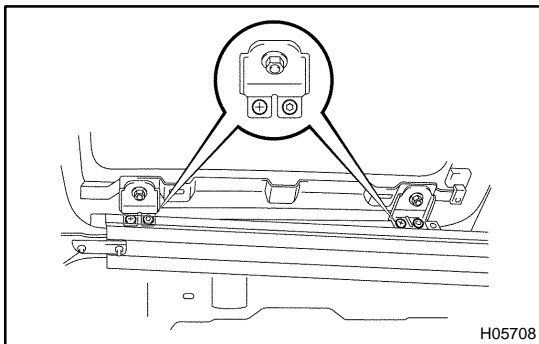
HINT:

- ★ Tape the screwdriver tip before use.
- ★ After adjustment, reinstall the side garnishes.



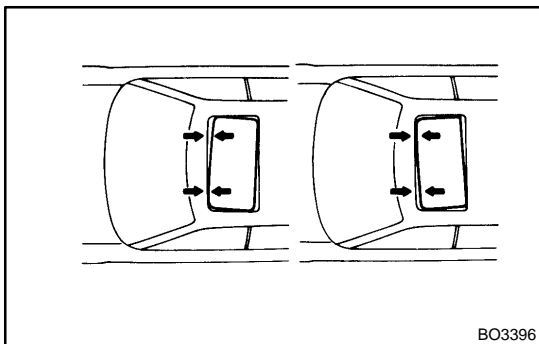
2. ADJUST SLIDING ROOF GLASS IN FORWARD/REARWARD AND LEFT/RIGHT DIRECTIONS

- (a) Loosen the sliding roof glass installation nuts.
- (b) Adjust the sliding roof glass forward/rearward or left/right.



3. ADJUST SLIDING ROOF GLASS IN UPWARD OR DOWNWARD DIRECTIONS

- (a) Loosen the screws shown in the illustration.
- (b) Adjust the sliding roof glass upward or downward.

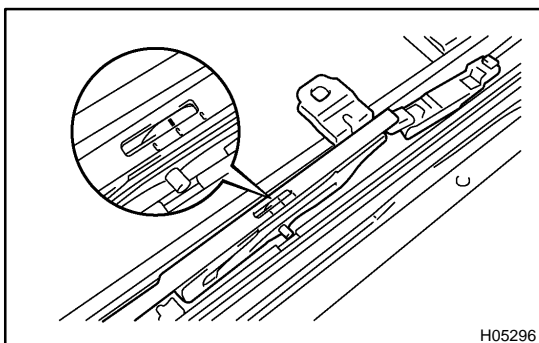


4. ADJUST SLIDING ROOF GLASS IN CLEARANCE (Difference in left and right clearance)

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

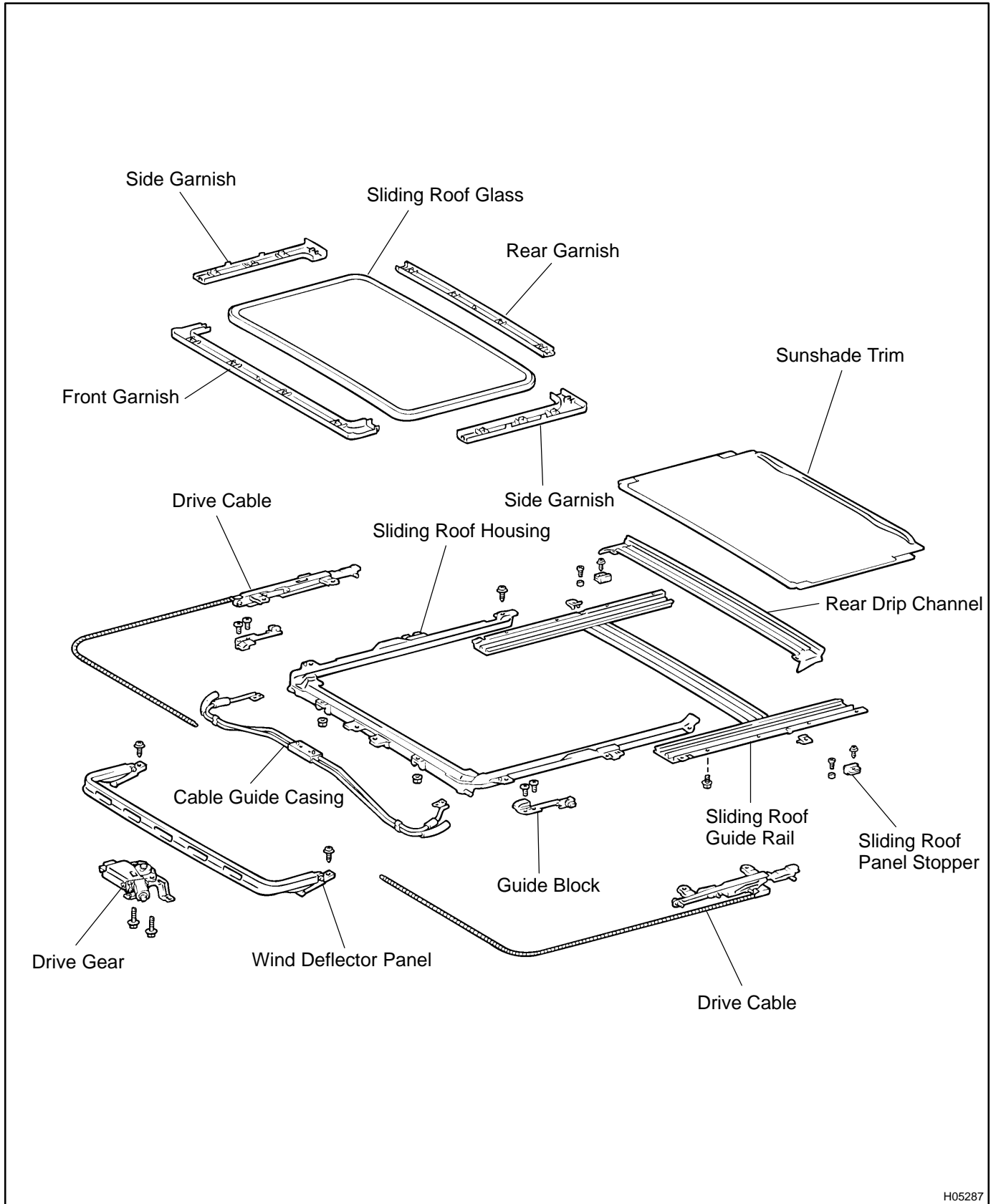
NOTICE:

Remove the drive gear with the sliding roof fully closed.

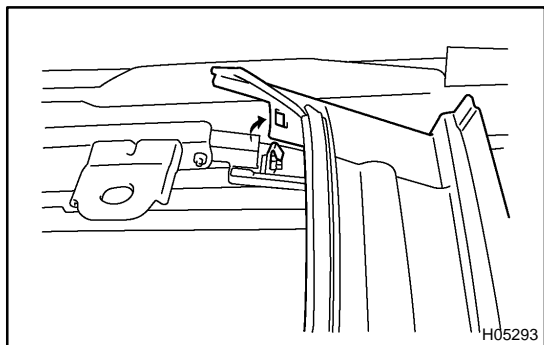


- (b) Adjust by sliding the cables forward or rearward to align the 2 marks as shown.
- (c) Install the drive gear and sliding roof glass.

COMPONENTS



H05287



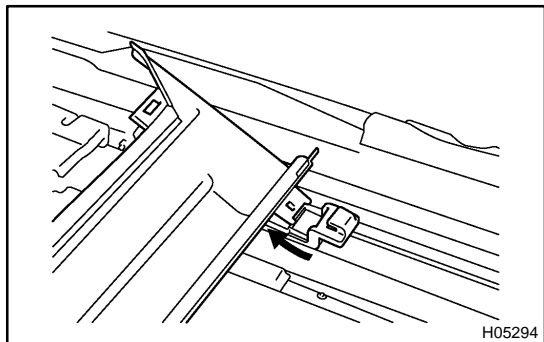
DISASSEMBLY

1. REMOVE REAR DRIP CHANNEL

- (a) Using a screwdriver, remove the front side of rear drip channel.

HINT:

Tape the screwdriver tip before use.

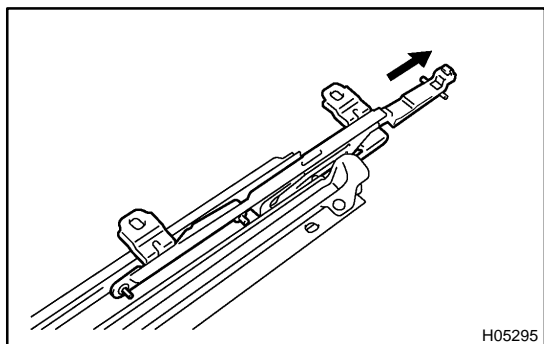


- (b) Remove the rear drip channel as shown in the illustration.

2. REMOVE SLIDING ROOF PANEL STOPPERS

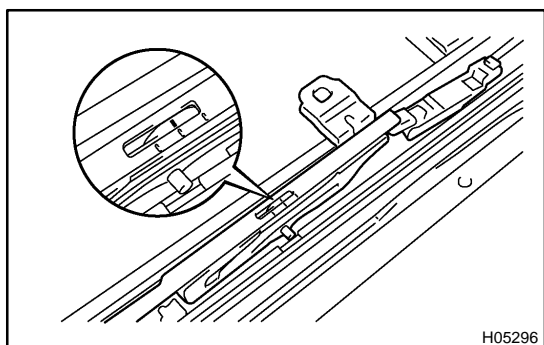
Remove the 2 screws and 2 stoppers.

3. REMOVE SUNSHADE TRIM



4. REMOVE DRIVE CABLE

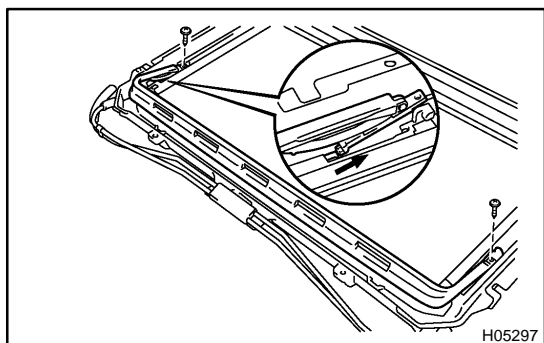
- (a) Remove the screw and guide rail stopper.
 (b) Slide the drive cable rearward, then remove it.



HINT:

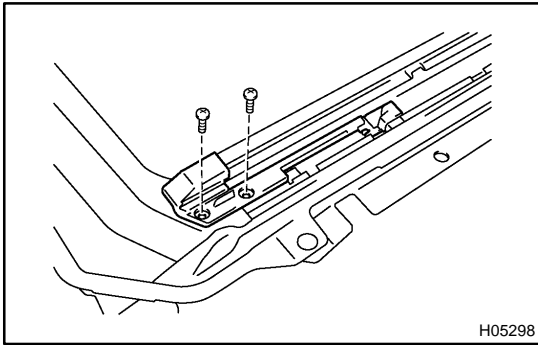
At the time of reassembly, please refer to the following items.

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

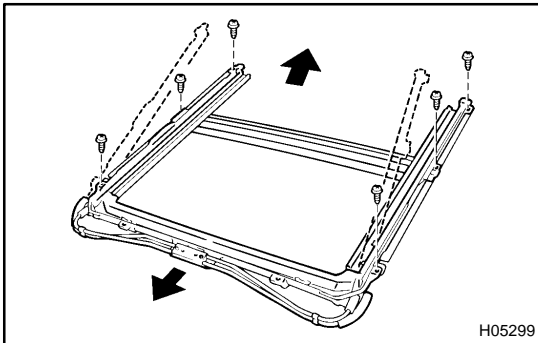


5. REMOVE WIND DEFLECTOR PANEL

Remove the 2 screws and wind deflector panel as shown in the illustration.

**6. REMOVE GUIDE BLOCK**

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

**7. REMOVE SLIDING ROOF HOUSING**

Remove the 6 screws and sliding roof housing.

8. REMOVE CABLE GUIDE CASING

INSTALLATION

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

SLIDING ROOF ON-VEHICLE INSPECTION

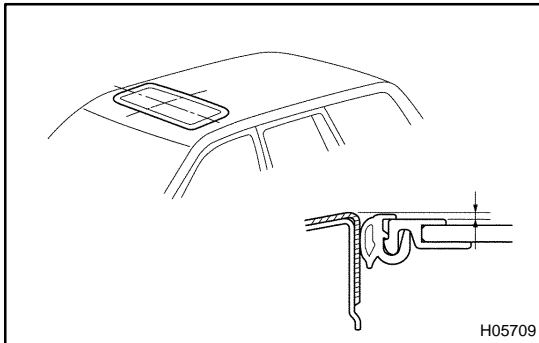
1. INSPECT SLIDING ROOF GLASS

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

Operation time:

Approx. 6 secs.

- (b) Check for abnormal noise or binding during operation.
(c) With the sliding roof fully closed, check for water leakage.



2. INSPECT DIFFERENCE IN LEVEL

Inspect the difference in level between the roof panel and sliding roof glass (weatherstrip part) when the sliding roof glass is fully closed.

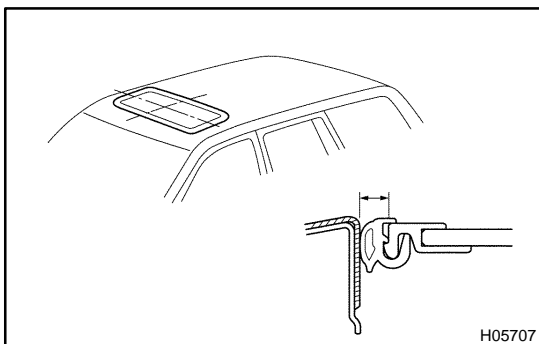
Except rear end:

0 + 1.5 mm (0 + 0.059 in.)

0 - 1.0 mm (0 - 0.039 in.)

Rear end:

0 ± 1.5 mm (0 ± 0.059 in.)



3. INSPECT SLIDING ROOF GLASS CLEARANCE

Inspect the clearance between the roof panel and sliding roof glass when the sliding roof is fully closed.

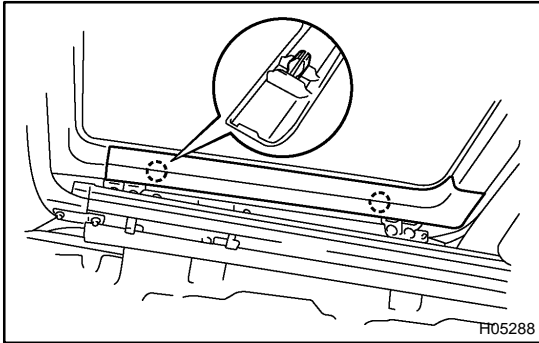
Clearance: Uniform all around

REASSEMBLY

Reassembly is in the reverse order of disassembly (See page [BO-76](#)).

REMOVAL

1. REMOVE ROOF HEADLINING (See page [BO-97](#))



2. REMOVE SIDE GARNISH

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

HINT:

Tape the screwdriver tip before use.

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

3. REMOVE FRONT AND REAR GARNISHES

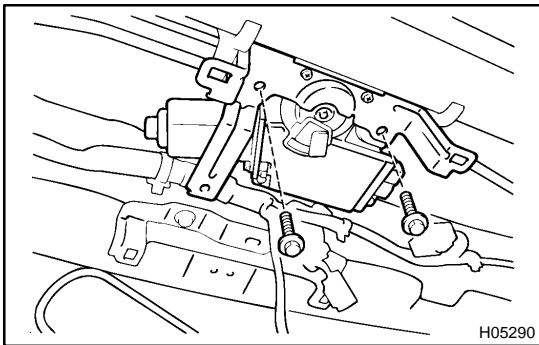
Using a screwdriver, remove the front and rear garnishes.

HINT:

Tape the screwdriver tip before use.

4. REMOVE SLIDING ROOF GLASS

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

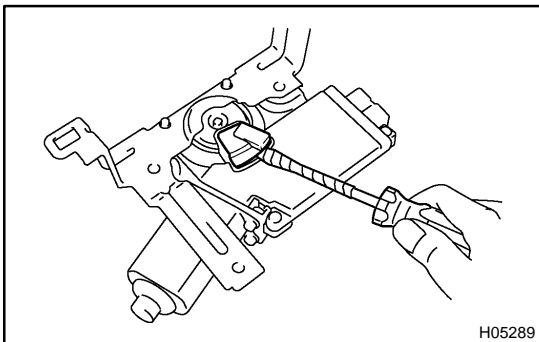


5. REMOVE DRIVE GEAR

NOTICE:

Remove the drive gear with the sliding roof fully closed.

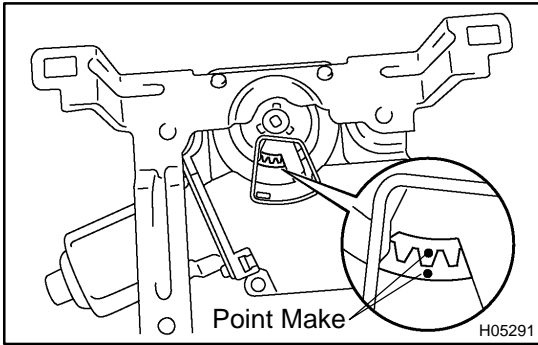
- (a) Disconnect the connector.
 (b) Remove the 2 bolts and drive gear.



- (c) Using a screwdriver, remove the cam plate cover.

HINT:

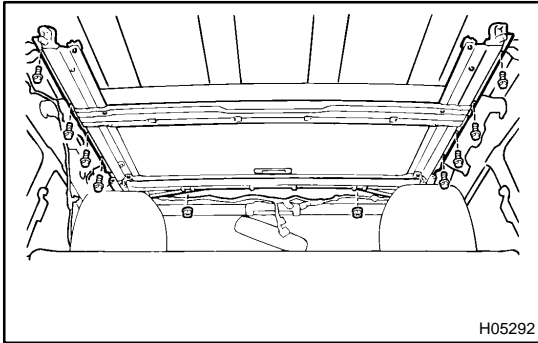
Tape the screwdriver tip before use.



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

NOTICE:

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

**6. REMOVE SLIDING ROOF HOUSING**

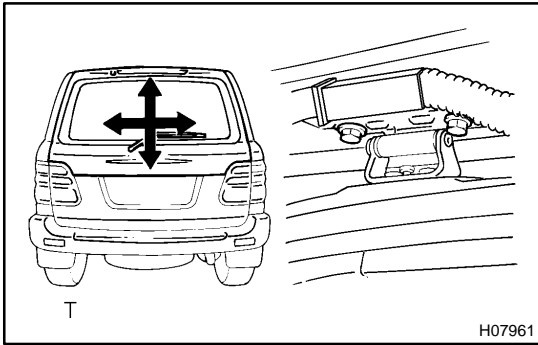
- (a) Remove the 4 drain hoses from the housing.
- (b) Disengage the room light wire harness clamps.
- (c) Remove the 8 bolts, 2 nuts and sliding roof housing.

SRS AIRBAG

BOORW-09

PRECAUTION

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

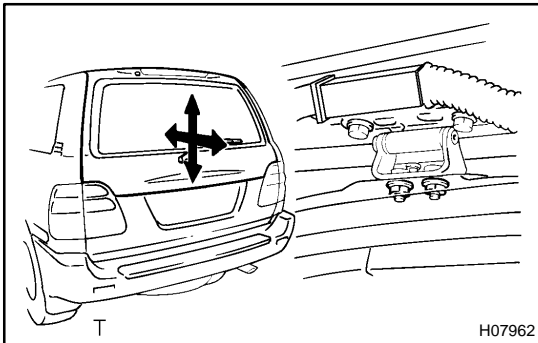


ADJUSTMENT

1. ADJUST DOOR IN LEFT/RIGHT AND VERTICAL DIRECTIONS

Loosen the door side hinge bolts to adjust.

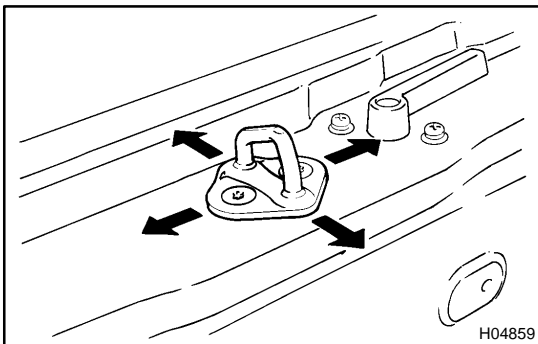
Torque: 28 N·m (286 kgf·cm, 21 ft·lbf)



2. ADJUST DOOR IN FORWARD/REARWARD AND VERTICAL DIRECTIONS

Loosen the body side hinge nuts to adjust.

Torque: 31 N·m (316 kgf·cm, 23 ft·lbf)



3. ADJUST DOOR LOCK STRIKER

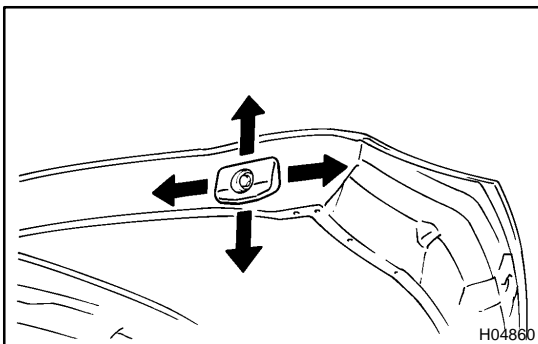
(a) Check that the door fit and door linkages are adjusted correctly.

(b) Using a torx wrench, loosen the door lock striker mounting screws.

Torx wrench: T40 (Part No. 09042-00020 or locally manufactured tool)

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

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



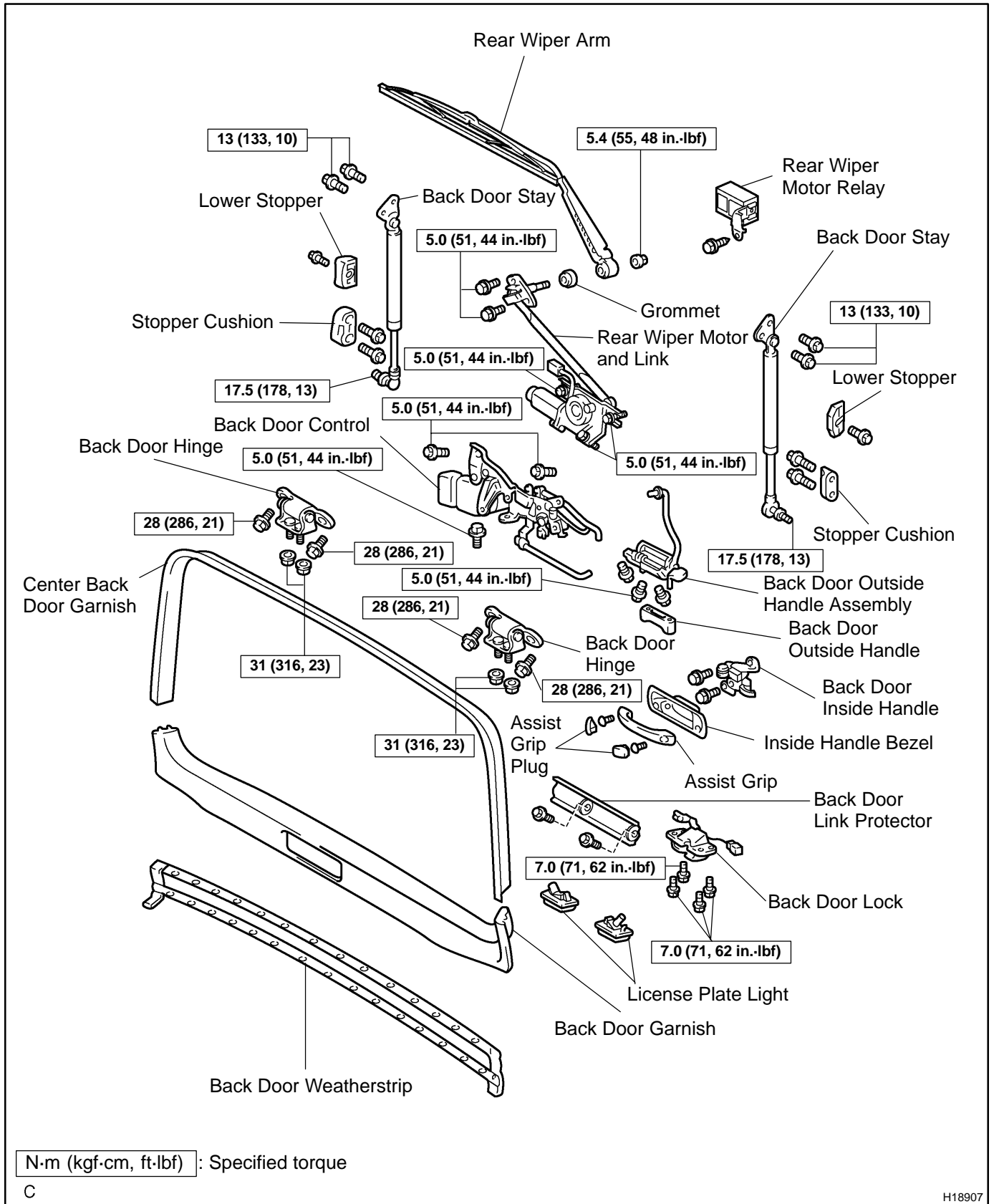
4. ADJUST LOWER STOPPER

(a) Loosen the stopper mounting bolt to adjust.

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

UPPER BACK DOOR COMPONENTS

BO1JI-04



H18907

DISASSEMBLY

1. REMOVE ASSIST GRIP

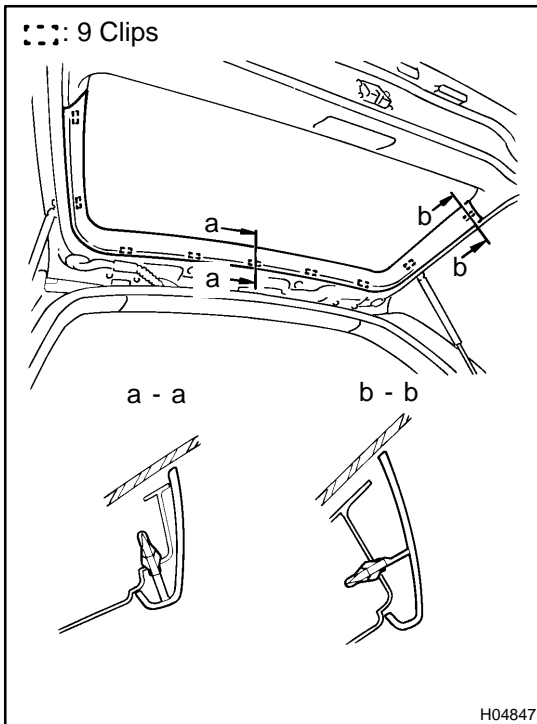
(a) Using a screwdriver, remove the 2 assist grip plugs.

HINT:

Tape the screwdriver tip before use.

(b) Remove the 2 screws and assist grip.

2. REMOVE INSIDE HANDLE BEZEL

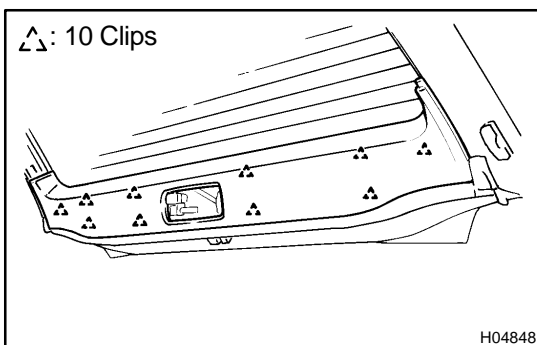


3. REMOVE CENTER BACK DOOR GARNISH

Using a screwdriver, remove the center back door garnish.

HINT:

Tape up the screwdriver tip before use.

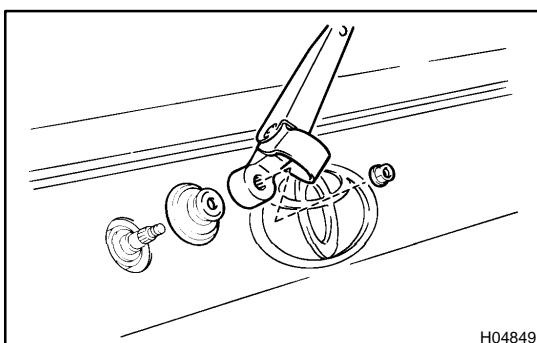


4. REMOVE BACK DOOR GARNISH

Using a screwdriver, remove the back door garnish.

HINT:

Tape up the screwdriver tip before use.



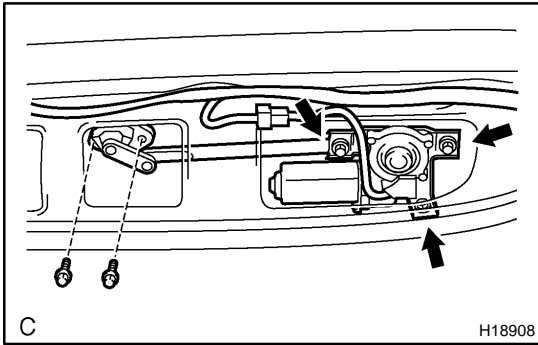
5. REMOVE REAR WIPER ARM

(a) Open the cover.

(b) Remove the nut and rear wiper arm.

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

(c) Remove the grommet.



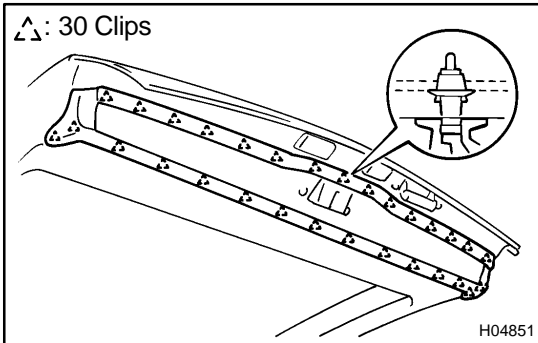
6. REMOVE REAR WIPER MOTOR AND LINK ASSEMBLY

- Disconnect the connector.
- Remove the 2 bolts.
- Unfasten the 3 bolts and remove the rear wiper motor and link assembly.

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

7. REMOVE REAR WIPER MOTOR RELAY

Remove the bolt and rear wiper motor relay.

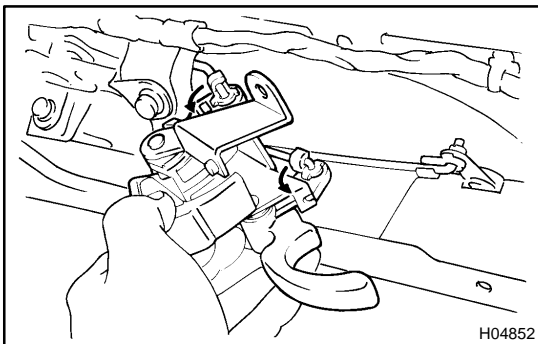


8. REMOVE BACK DOOR WEATHERSTRIP

Remove the back door weatherstrip.

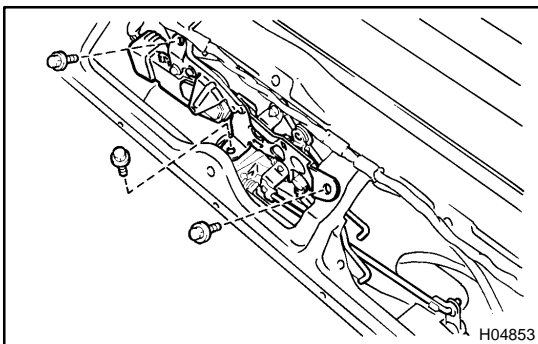
NOTICE:

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



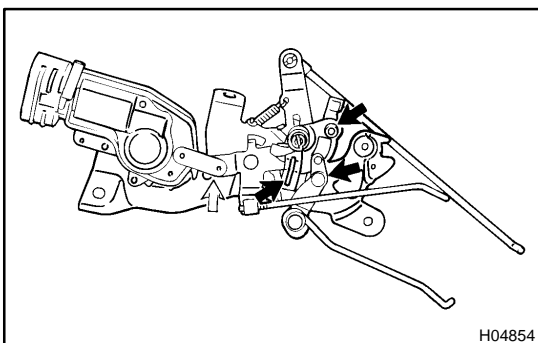
9. REMOVE BACK DOOR INSIDE HANDLE

- Remove the 2 bolts.
- Disconnect the back door lock locking rod and back door lock inside opening link, then remove the back door inside handle.



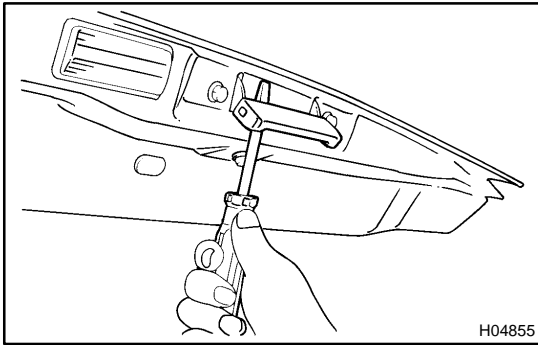
10. REMOVE BACK DOOR CONTROL

- Disconnect the links.
 - Remove the 3 bolts.
- Torque: 5.0 N·m (51 kgf·cm, 44 in.-lbf)**
- Disconnect the connector, then remove the back door control.



HINT:

At the time of reassembly, please refer to the following item.
Apply MP grease to the sliding surface of the back door control.

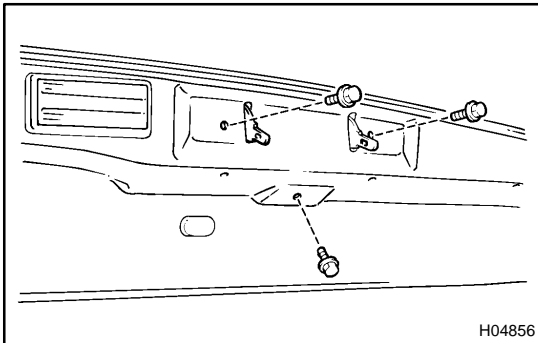


11. REMOVE BACK DOOR OUTSIDE HANDLE ASSEMBLY

- (a) Using a screwdriver, remove the back door outside handle.

HINT:

Tape up the screwdriver tip before use.



- (b) Remove the 3 bolts and back door outside handle assembly.

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

12. REMOVE LICENSE PLATE LIGHTS

13. REMOVE BACK DOOR LOCK

Remove the 4 bolts and back door lock.

Torque: 7.0 N·m (71 ft.-lbf, 62 in.-lbf)

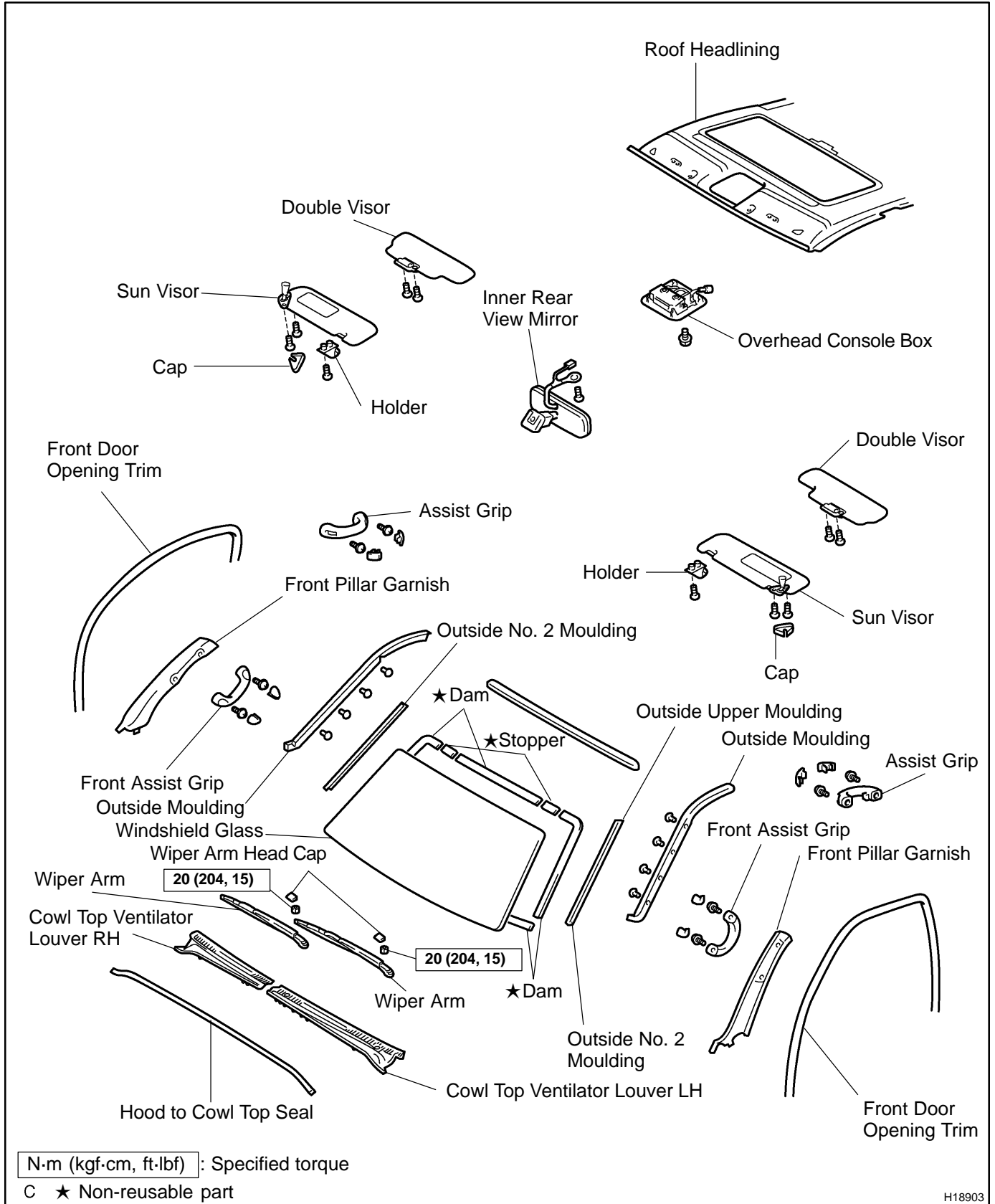
14. REMOVE BACK DOOR LINK PROTECTOR

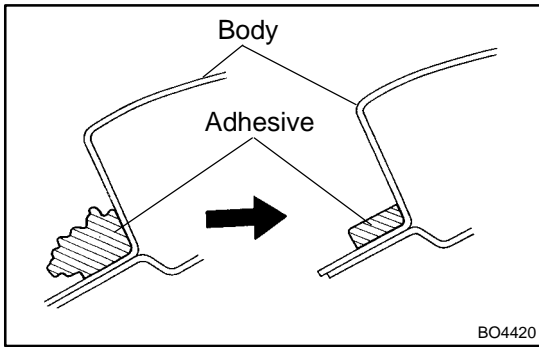
REASSEMBLY

Reassembly is in the reverse order of disassembly (See page [BO-21](#)).

WINDSHIELD COMPONENTS

BO1K7-04



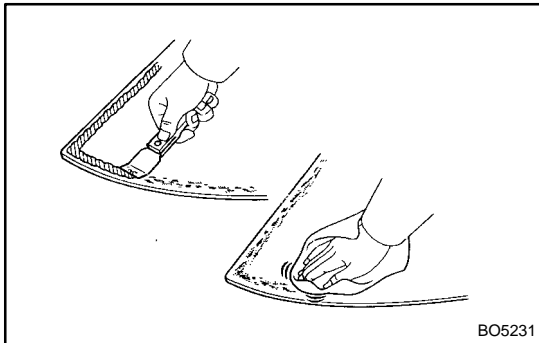


INSTALLATION

1. **CLEAN AND SHAPE CONTACT SURFACE OF BODY**
 - (a) Using a knife, cut away any rough areas on the body.

HINT:
Leave as much adhesive on the body as possible.

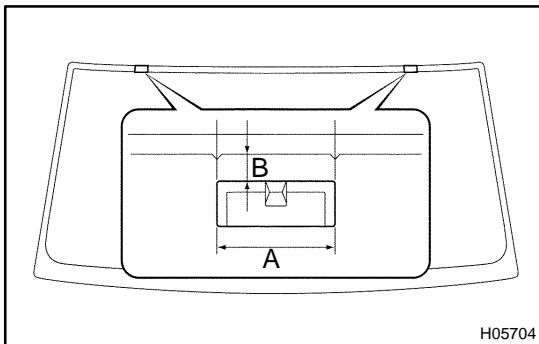
 - (b) Clean the cutting surface of the adhesive with a piece of shop rag dampen with cleanser.



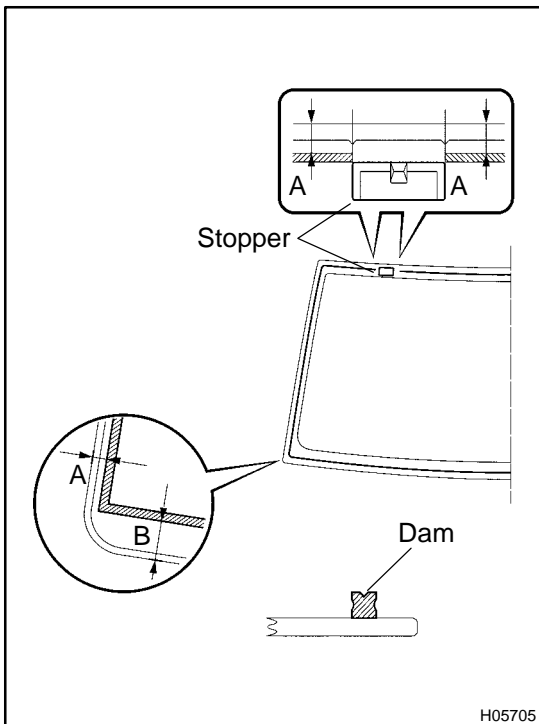
2. **CLEAN REMOVED GLASS**
 - (a) Remove the damaged stoppers and dams.
 - (b) Using a scraper, remove the adhesive sticking to the glass.
 - (c) Clean the glass with cleanser.

NOTICE:

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



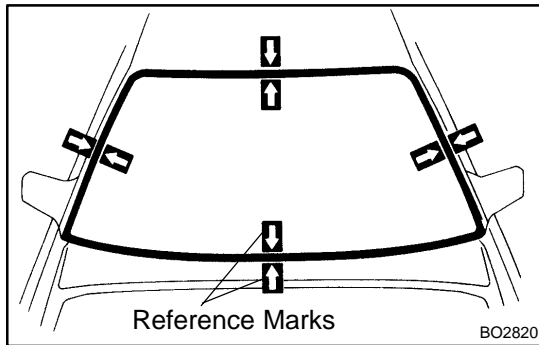
3. **INSTALL NEW STOPPERS**
Install new stoppers onto the glass.
A: 9 mm (0.35 in.)
B: 25 mm (0.98 in.)



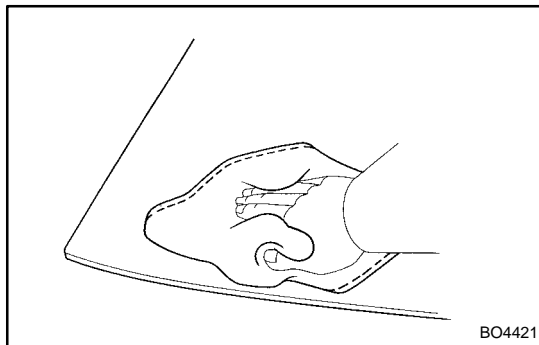
4. **INSTALL NEW DAMS**
Install new dams with adhesive tape as shown in the illustration.
A: 7 mm (0.28 in.)
B: 20 mm (0.79 in.)

NOTICE:

Do not touch the glass surface after cleaning it.

**5. POSITION GLASS**

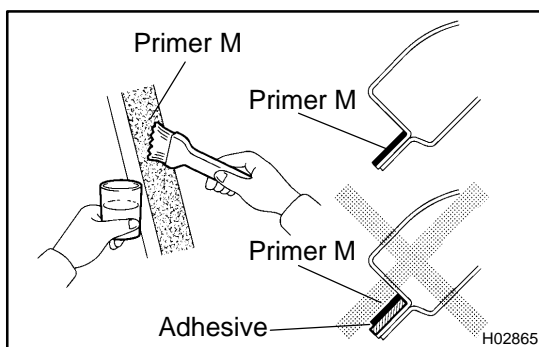
- (a) Place the glass in the correct position.
- (b) Check that all contacting parts of the glass rim are perfectly even.
- (c) Place reference marks between the glass and the body.
- (d) Remove the glass.

**6. CLEAN CONTACT SURFACE OF GLASS**

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

NOTICE:

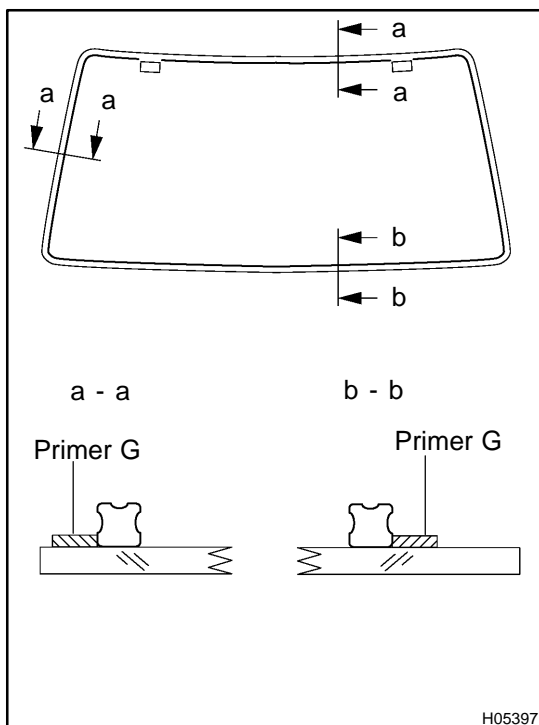
Do not touch the glass surface after cleaning it.

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

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

NOTICE:

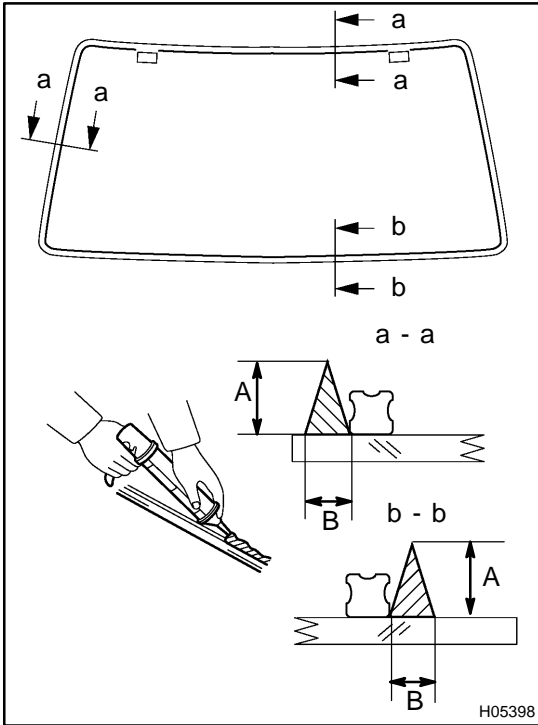
- ★ Let the primer coating dry for more than 3 minutes.
- ★ Do not coat Primer M to the adhesive.
- ★ Do not keep remaining Primer M for later use.

**8. 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) If the primer is coated wrongly to the area not specified by accident, wipe it off with a clean shop rag before the primer dries.

NOTICE:

- ★ Let the primer coating dry for more than 3 minutes.
- ★ Do not keep remaining Primer G for later use.



9. APPLY ADHESIVE

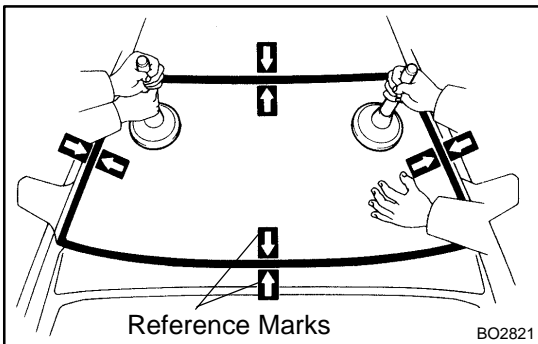
- (a) Cut off the tip of the cartridge nozzle.
Part No.08850-00801 or equivalent.

HINT:

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

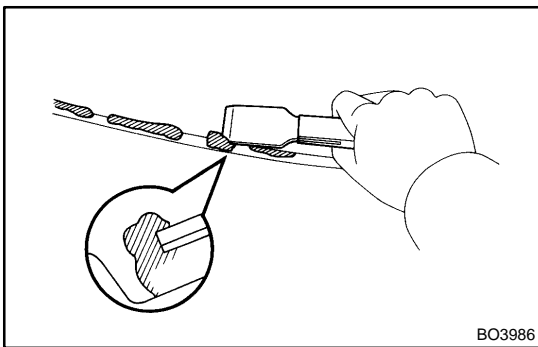
Temperature	Tackfree time
35 °C (95 °F)	15 minutes
20 °C (68 °F)	100 minutes
5 °C (41 °F)	8 hours

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

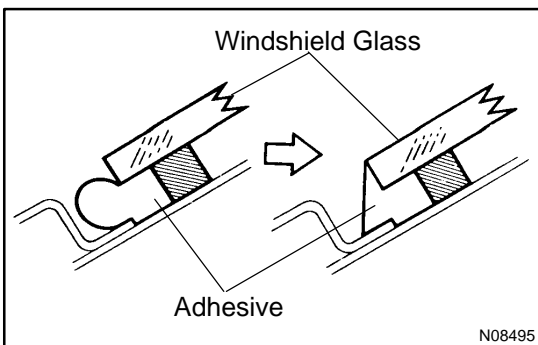


10. INSTALL WINDSHIELD GLASS

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



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



HINT:

Make sure the dam is attached to the body panel, as shown in the illustration.

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

NOTICE:

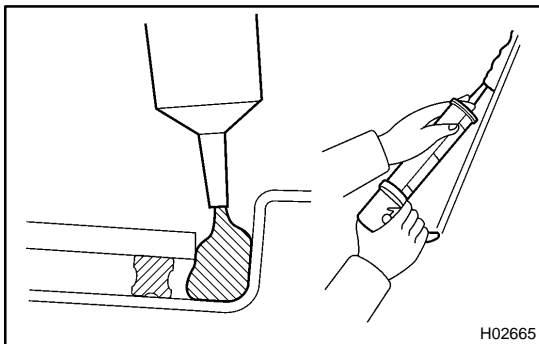
Take care not to drive the vehicle within the time described in the table below.

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

11. INSPECT FOR LEAK AND REPAIR

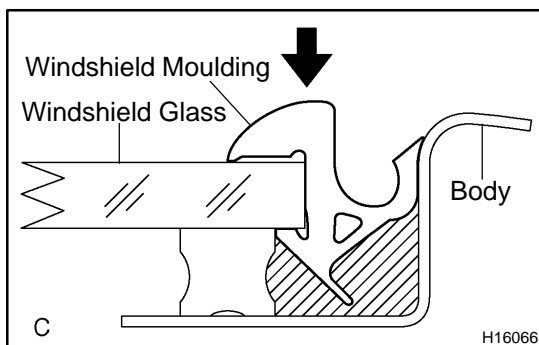
- (a) Conduct a leak test after the adhesive dried completely.
- (b) Seal any leak with sealant.

Part No. 08833-00030 or equivalent.

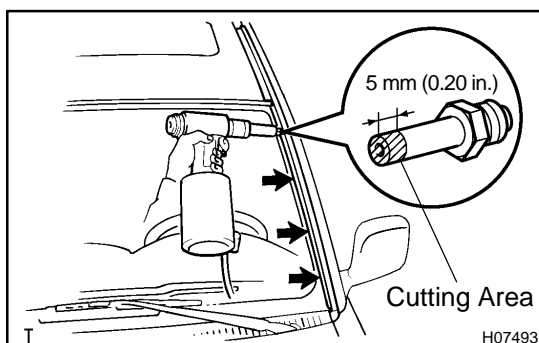
**12. APPLY ADHESIVE TO MOULDING INSTALLATION AREA**

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

Part No. 08833-00030 or equivalent.

**13. INSTALL UPPER OUTSIDE MOULDING**

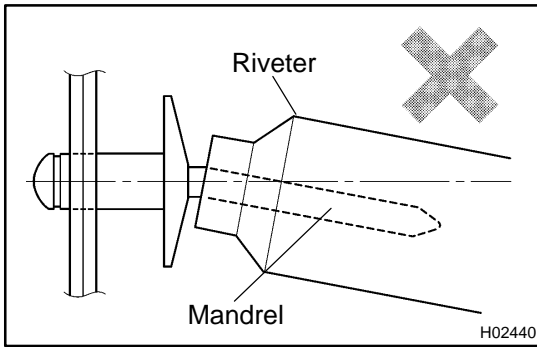
Place a new moulding onto the body and tap it by hand.

**14. INSTALL OUTSIDE NO. 2 MOULDING**

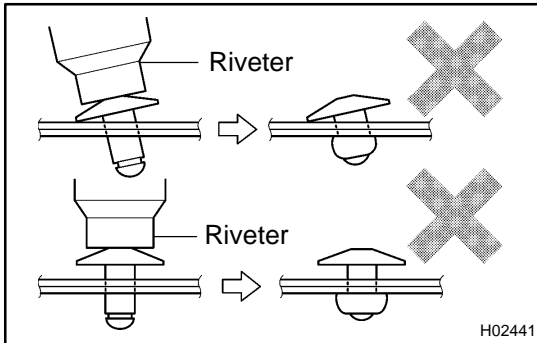
- (a) Using an air riveter with nose piece No. 4, install 4 new rivets and the outside No. 2 moulding.

HINT:

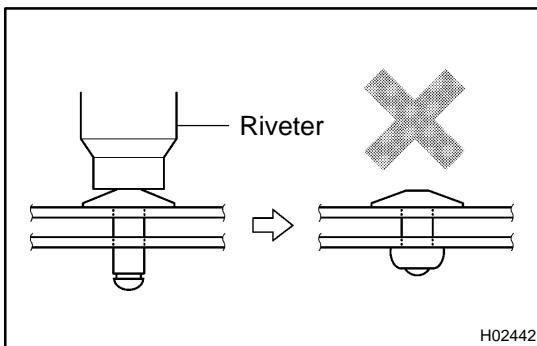
Before using the air riveter with nose piece No. 4, cut 5 mm (0.20 in.) from the edge of nose piece No. 4 as shown in the illustration.

**NOTICE:**

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



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



- ★ Do not allow gap spacing between the materials.
- (b) Use the same manner described above to the other side.

15. INSTALL COWL TOP VENTILATOR LOUVERS

- (a) Install the cowl top ventilator louver LH.
- (b) Install the cowl top ventilator louver RH.

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

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

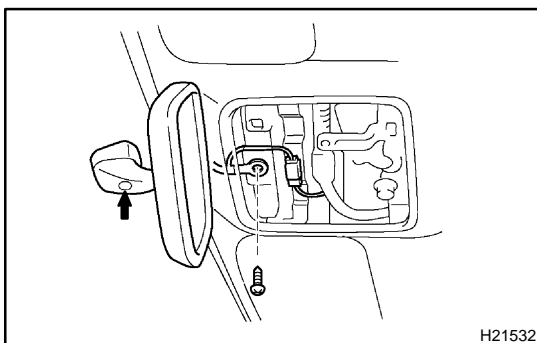
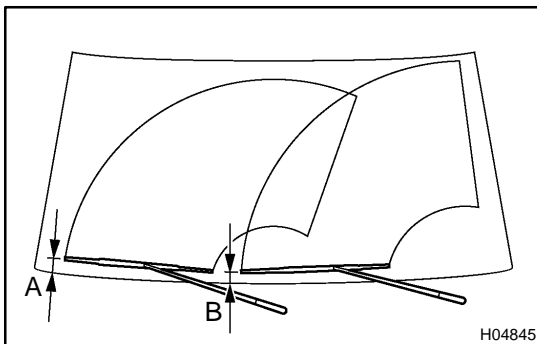
A: Approx. 33 mm (1.30 in.)

B: Approx. 21 mm (0.83 in.)

- (d) Torque the nuts.

Torque: 20 N·m (204 kgf·cm, 15 ft·lbf)

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

**18. INSTALL INNER REAR VIEW MIRROR**

- (a) Install the inner rear view mirror with the 2 screws.
- (b) Connect the connector.

19. INSTALL FRONT SIDE OF ROOF HEADLINING**20. INSTALL ASSIST GRIPS****21. INSTALL OVERHEAD CONSOLE BOX**

Connect the connector, then install the overhead console box with the bolt.

22. INSTALL HOLDER

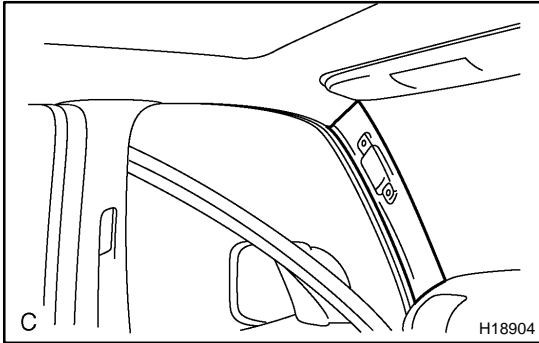
Install the holders with the screws.

23. INSTALL DOUBLE VISOR

Install the double visors with the screws.

24. INSTALL SUN VISOR

- (a) Install the sun visors with the screws, then connect the connectors.
- (b) Install the caps.

**25. INSTALL FRONT PILLAR GARNISH**

- (a) Install the front pillar garnish.
- (b) Use the same manner described above to the other side.

26. INSTALL FRONT ASSIST GRIP

- (a) Install the front assist grip with the 2 screws, then install the 2 assist grip plugs.
- (b) Use the same manner described above to the other side.

27. INSTALL FRONT DOOR OPENING TRIMS

REMOVAL

1. REMOVE FRONT DOOR OPENING TRIMS

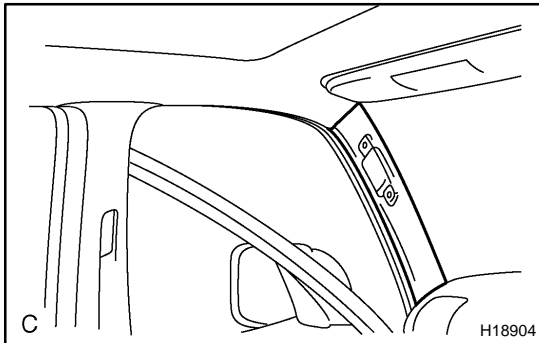
2. REMOVE FRONT ASSIST GRIP

- (a) Using a screwdriver, remove the 2 assist grip plugs, then remove the 2 screws and the front assist grip.

HINT:

Tape up the screwdriver tip before use.

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



3. REMOVE FRONT PILLAR GARNISH

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

HINT:

Tape up the screwdriver tip before use.

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

4. REMOVE SUN VISOR

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

HINT:

Tape up the screwdriver tip before use.

- (b) Remove the screws, then disconnect the connectors.

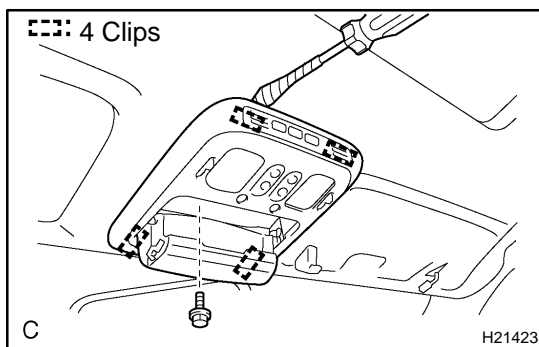
- (c) Remove the sun visors.

5. REMOVE DOUBLE VISOR

Remove the screws and the double visors.

6. REMOVE HOLDER

Remove the screws and the holders.



7. REMOVE OVERHEAD CONSOLE BOX

- (a) Remove the bolt.

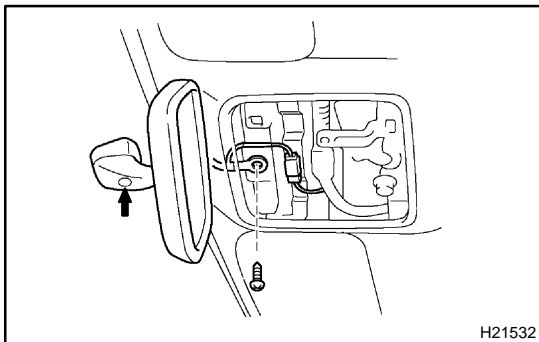
- (b) Using a screwdriver, remove the overhead console box, then disconnect the connector.

HINT:

Tape up the screwdriver tip before use.

8. REMOVE ASSIST GRIPS

9. PULL DOWN FRONT SIDE OF ROOF HEADLINING



10. REMOVE INNER REAR VIEW MIRROR

- (a) Disconnect the connector.

- (b) Unfasten a screw, and remove the other screw and the inner rear view mirror.

11. REMOVE WIPER ARMS

- (a) Remove the 2 wiper arm head caps and the 2 nuts.

- (b) Remove the 2 wiper arms.

12. REMOVE HOOD TO COWL TOP SEAL

13. REMOVE COWL TOP VENTILATOR LOUVERS

- (a) Remove the cowl top ventilator louver RH.

(b) Remove the cowl top ventilator louver LH.

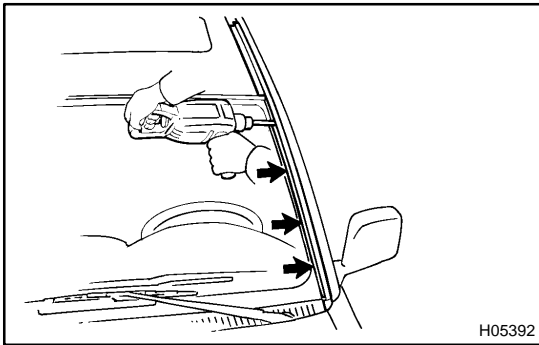
14. REMOVE OUTSIDE NO. 2 MOULDING

(a) Using a screwdriver, remove the outside No. 2 moulding.

HINT:

Tape up the screwdriver tip before use.

(b) Using a drill of less than \varnothing 4 mm (0.16 in.).



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

NOTICE:

★ **Prizing the hole with a drill can lead to damage to the rivet hole or breaking the drill.**

★ **Take care as the cut rivet is hot.**

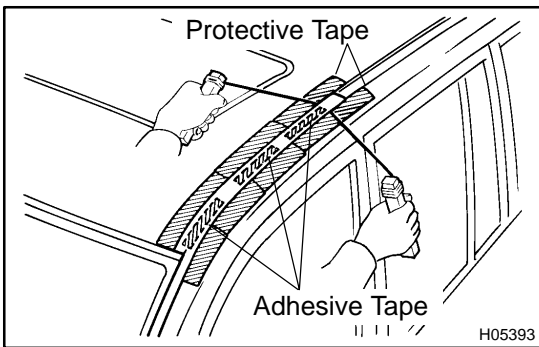
(d) Even if flange is taken off, continue drilling and push out remaining fragments with the drill.

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

NOTICE:

Do not heat the moulding excessively.

(f) Tie both piano wire ends to wooden blocks or similar objects.



(g) Cut the adhesive tape by pulling the piano wire as shown.

NOTICE:

★ **If reusing the moulding, take care not to damage the moulding.**

★ **Do not damage the body.**

HINT:

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

(h) Remove the moulding.

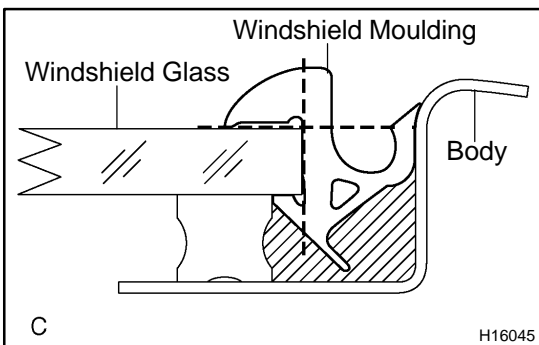
(i) Use the same manner described above to the other side.

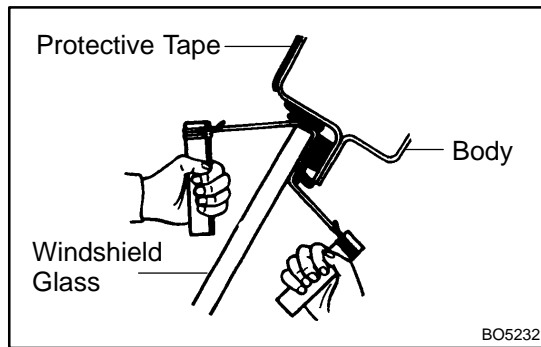
15. REMOVE OUTSIDE UPPER MOULDING

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

NOTICE:

Do not damage the body with the knife.

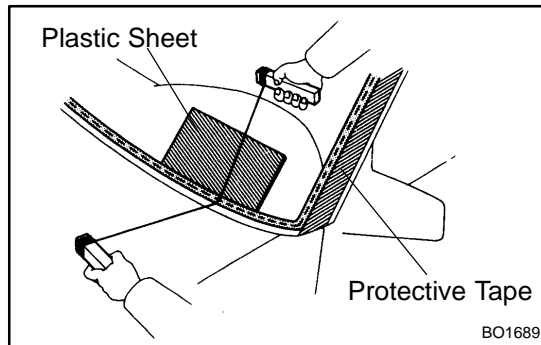


**16. REMOVE WINDSHIELD GLASS**

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

HINT:

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

**NOTICE:**

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

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

NOTICE:

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