BODY

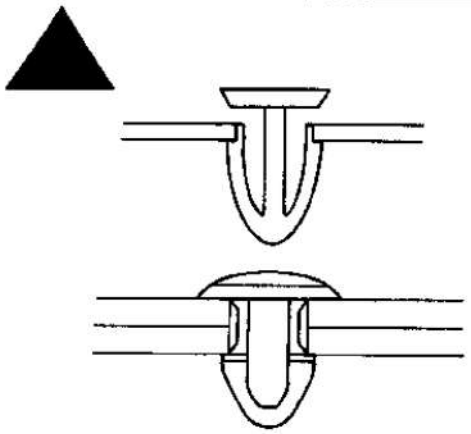
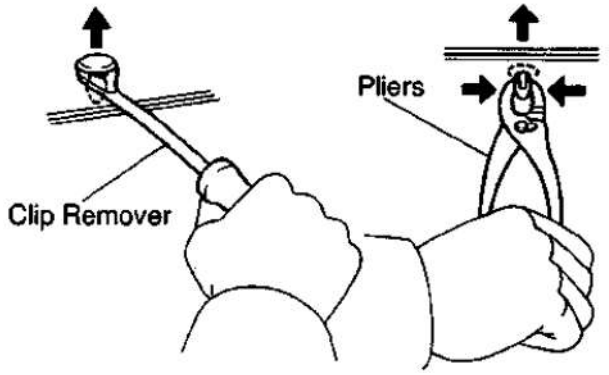
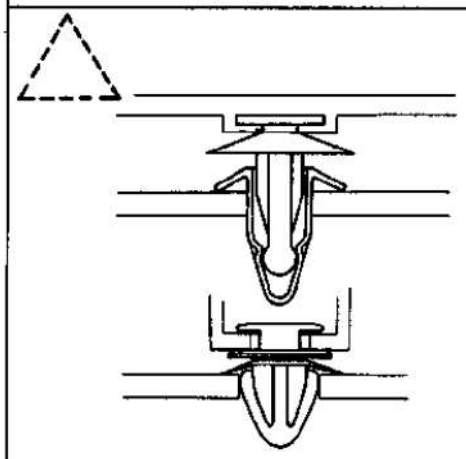
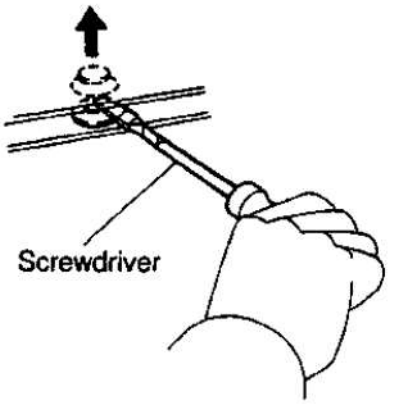
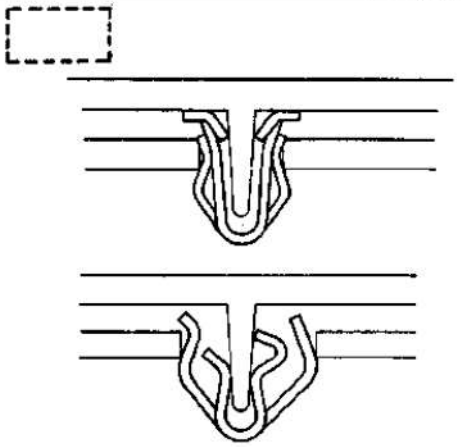
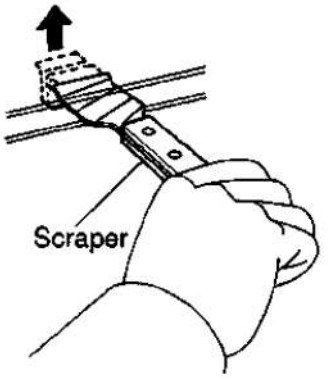
CLIP BO–1
SRS AIRBAG BO–3
FRONT BUMPER BO–4
REAR BUMPER BO–5
HEADLIGHT BO–5–1
REAR COMBINATION LIGHT BO–6
HOOD BO–10
FRONT DOOR BO–11
REAR DOOR BO–19
BACK DOOR BO–26
FRONT WIPER AND WASHER BO–32
REAR WIPER AND WASHER BO–37
BODY OUTSIDE MOULDING BO–42
ROOF DRIP SIDE FINISH MOULDING BO–46
WINDSHIELD BO–49
QUARTER WINDOW GLASS BO–56
BACK DOOR GLASS BO–63
TILT MOON ROOF BO–69
SLIDING ROOF BO–75
INSTRUMENT PANEL BO–83
ROOF HEADLINING BO–96
FRONT SEAT BO–103
REAR SEAT (Outer Side) BO–109
REAR SEAT (Center) BO–116
SEAT BELT BO–121
SEAT BELT PRETENSIONER BO–124
ROOF RAIL BO–135
SPOILER BO–136
FUEL TANK AND LINE BO–137

CLIP

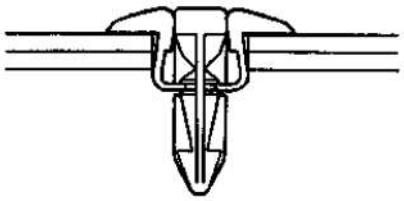
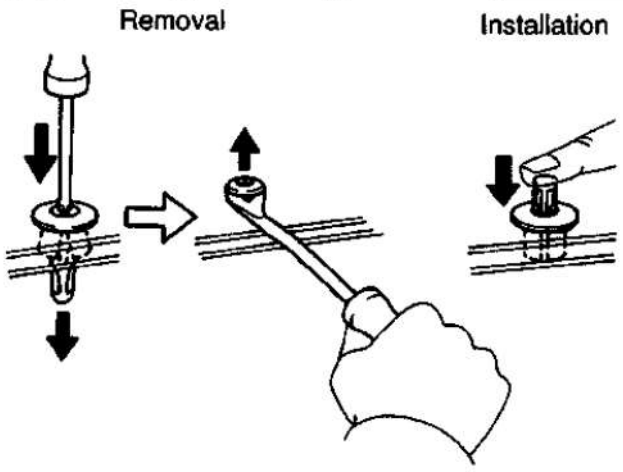
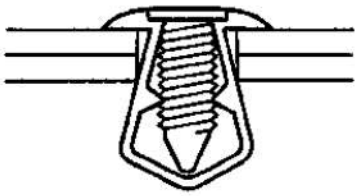
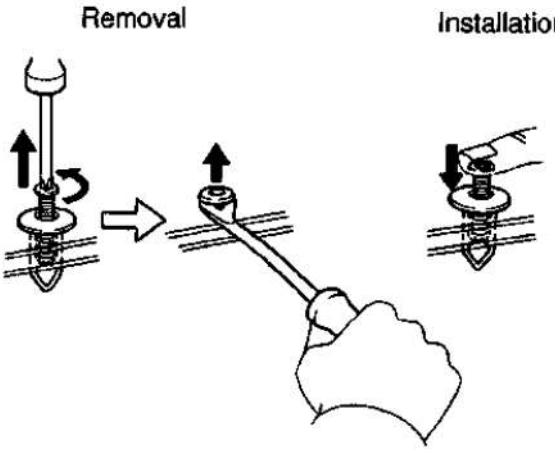
REPLACEMENT

B02HY-03

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
	
	
	

V00005

Shape (Example)	Removal/Installation
	
	

V00012

SRS AIRBAG

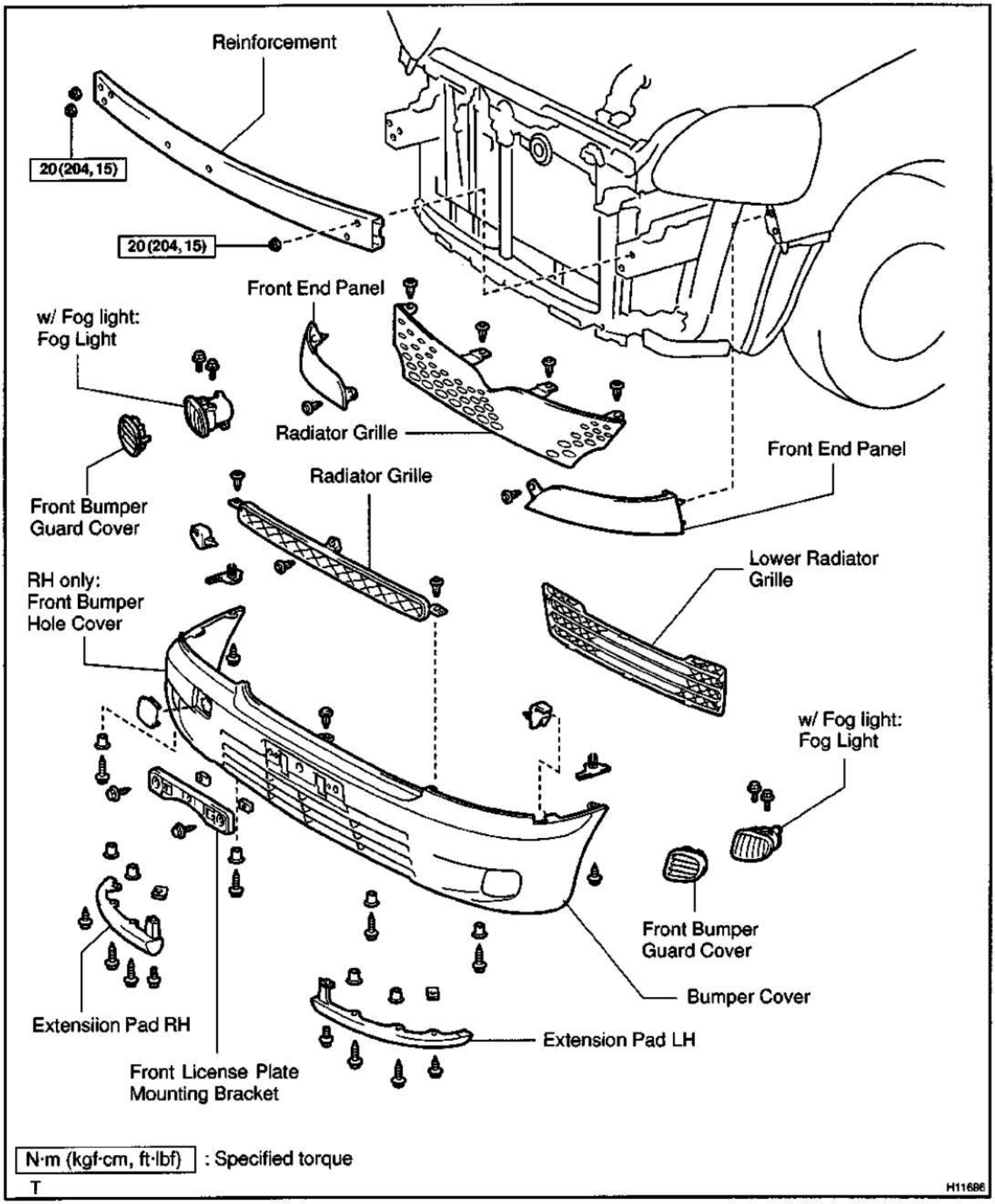
PRECAUTION

BO2H9-02

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

FRONT BUMPER

COMPONENTS



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

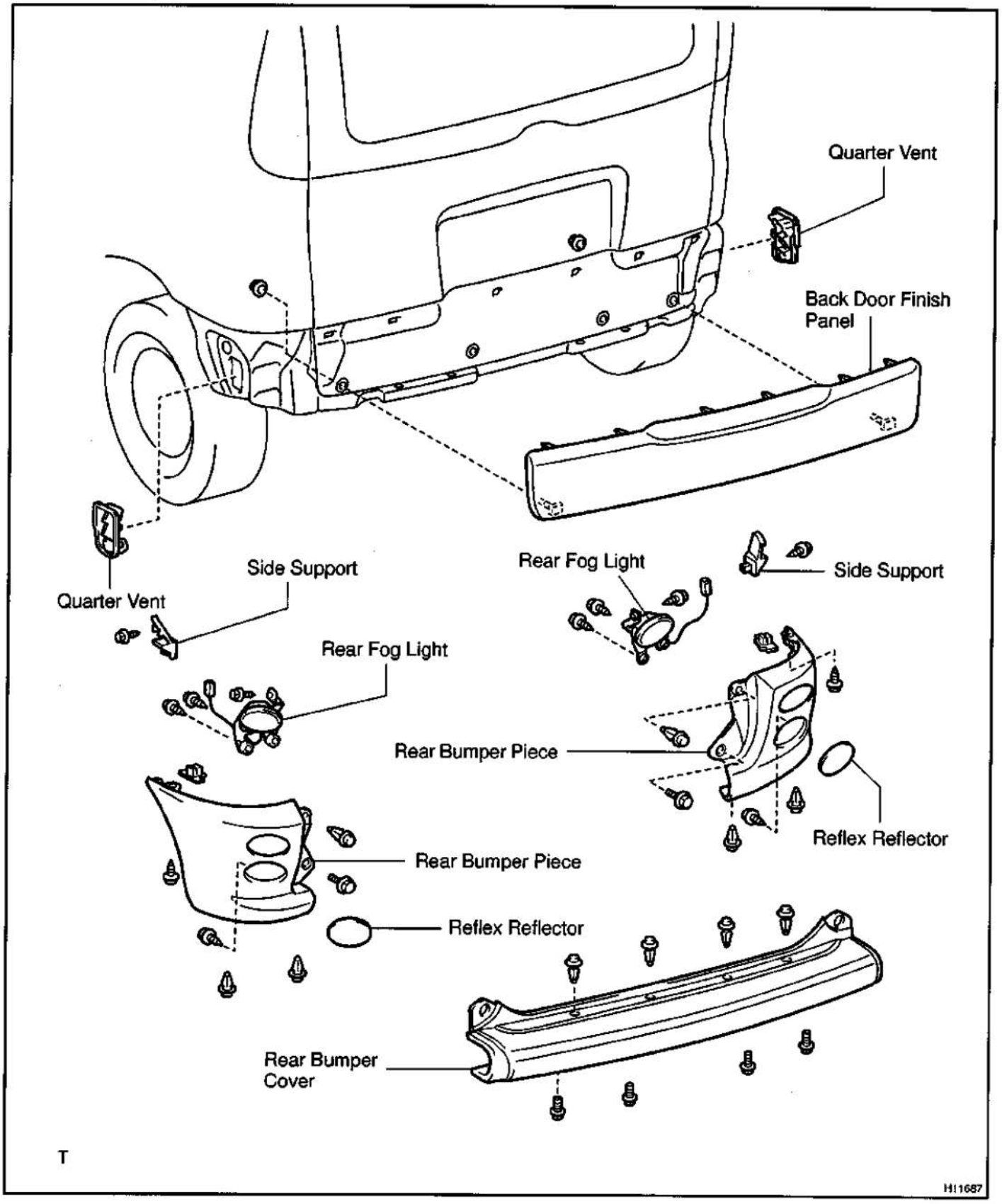
T

H11686

REAR BUMPER

COMPONENTS

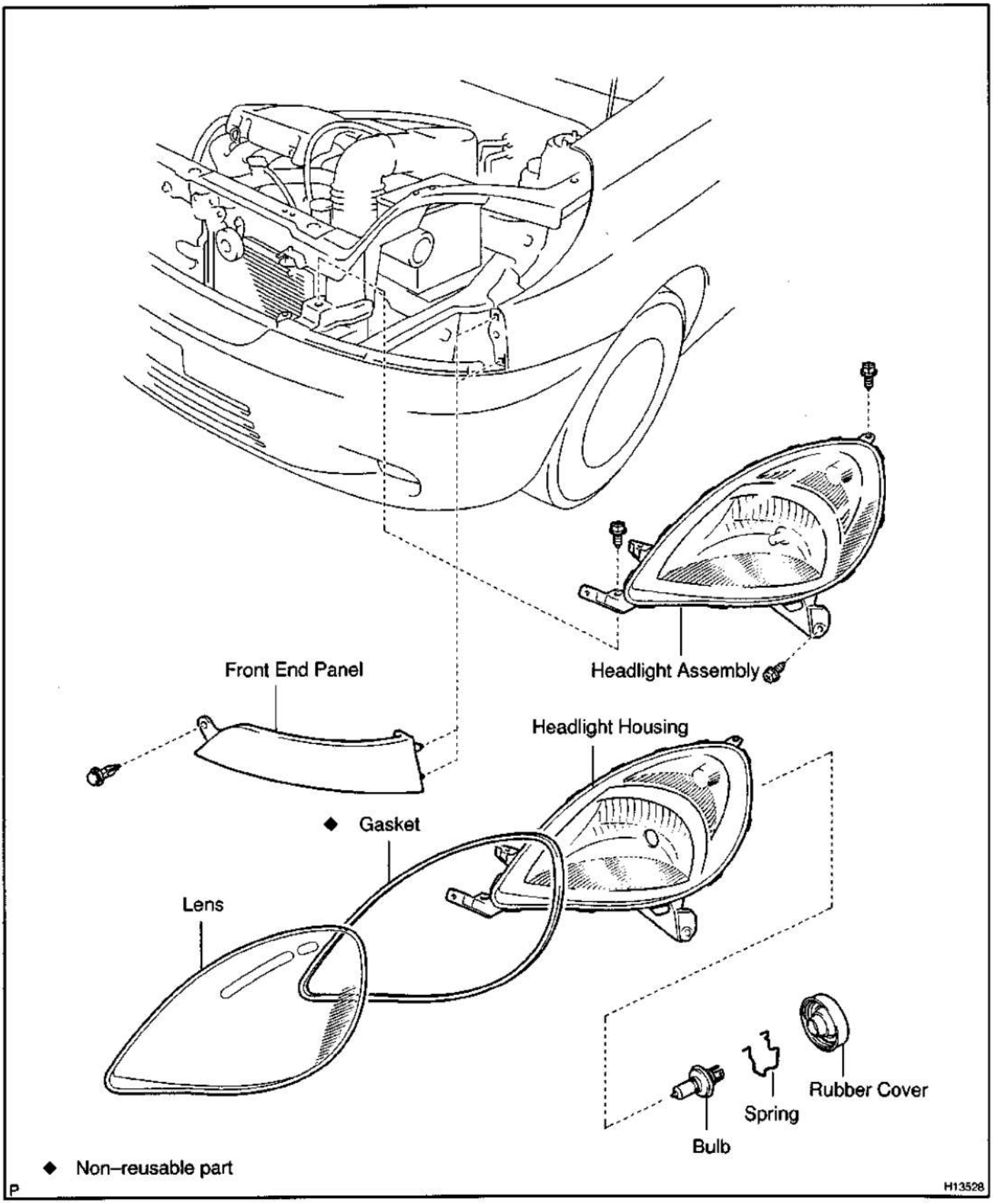
BO0HX-02



HEADLIGHT

COMPONENTS

BO39F-01



BO05G-01

REMOVAL

1. REMOVE FRONT END PANEL

(a) Remove the clip and front end panel.

2. REMOVE HEADLIGHT ASSEMBLY

(a) Disconnect the connectors.

(b) Remove the 4 screws.

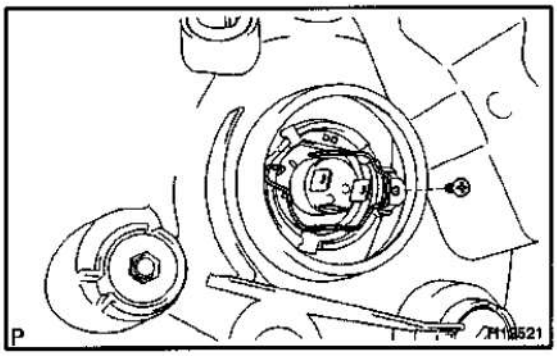
(c) Remove the headlight.

REPLACEMENT

NOTICE:

When removing the headlight lens, take care not to touch the reflector and inner side of lens.

1. REMOVE RUBBER COVER



2. REMOVE SPRING

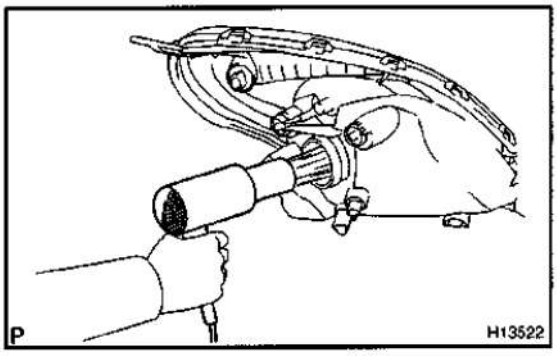
Remove the screw and spring.

3. REMOVE BULB

Remove the bulb.

NOTICE:

Take care not to touch the glass of the bulb.

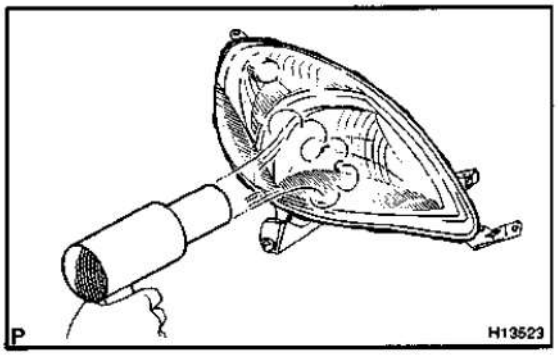


4. REMOVE HEADLIGHT LENS

(a) Using an hair dryer warm up the inside of the headlight from behind the housing.

NOTICE:

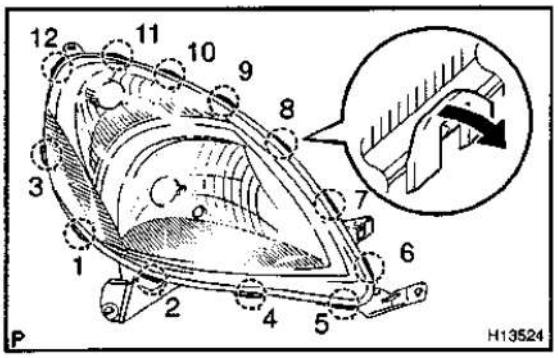
- **Do not heat it to beyond 120 °C (248 °F).**
- **Do not heat one part partially.**



(b) Using a hair dryer, heat the lens from the turn signal light side.

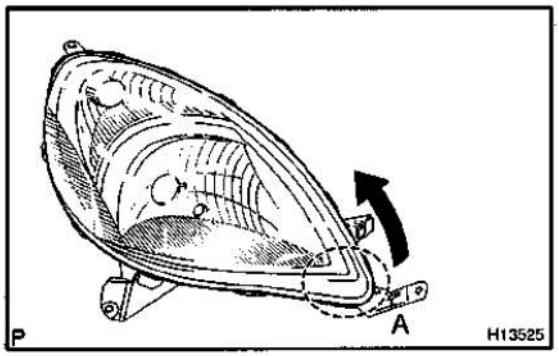
NOTICE:

- **Do not haeat it to beyond 120 °C (248 °F).**
- **Do not heat one part partially.**



(c) Remove the lens.

(1) Release the 12 claws in the order as shown in the illustration.



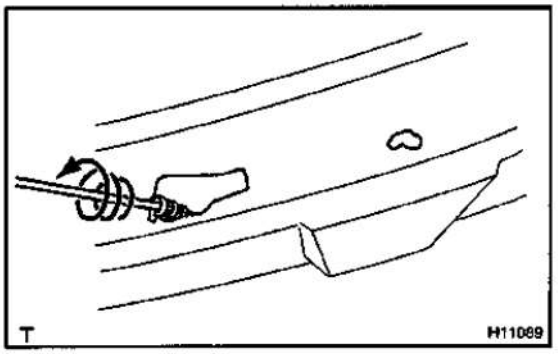
(2) Pull the lens of from the part "A" in the illustration. If the lens cannot be easily removed, heat it further.

HINT:

If the lens still cannto be removed after heating it further, insert a screwdriver and pry the lens loose, taking care not to damage it.

NOTICE:

- **Take care not to pinch your hand between the lens and housing.**
- **Take care not to injure your hand with broken lens.**
- **Be careful not to stain the inside of the light with oil or dirt when remove it.**



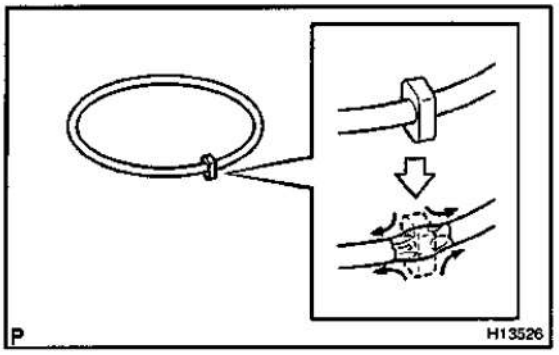
5. CLEAN HOUSING AND LENS

(a) Using an object with the sharp point, remove the adhesive sticking to the housing and lens while rolling the object as shown in the iilustation.

HINT:

Remove the adhesive by heating with the hair dryer.

(1) Clean the contact surface of the housing and lens with a piece of shop rag.



6. INSTALL HEADLIGHT LENS

(a) Join the both ends of the gasket with adhesive.

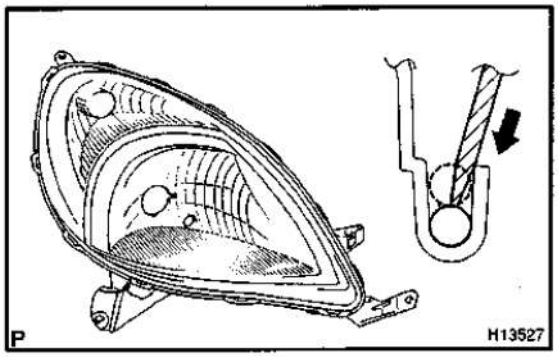
(b) Wind the adhesive around the gasket firmly so that it does not come off.

HINT:

- Wind the adhesive while stretching it.
- The adhesive can be easily wound after being warmed up with a hair dryer.

NOTICE:

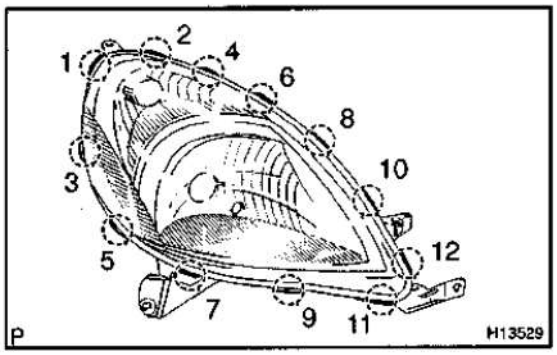
- **Check that the gasket is not twisted.**
- **Do not substitue other materials for the adhesive contained in the package.**
- **Check that there is no foreign substance on the adhesive.**



(c) Install the gasket.
  (1) After inserting the joint of the gasket into the part "A" in the illustration, push it into the seal groove with fingers.
  (2) Using a screwdriver, push it deeper.

HINT:

- Set the gasket on the seal groove before pushing it in. Otherwise, excess or shortage of the gasket might occur at the end.
- Check tat the gasket is not damaged or twisted as it might result in a water leak.
- Tape the screwdrivertip before use.



(d) Install the lens.
  (1) Put the lens.
  (2) Hang the claws properly until they click in the order shown in the illusrtation.

NOTICE:
Check that all the 12 claws are fitted in.

BO

BO3I5I-01

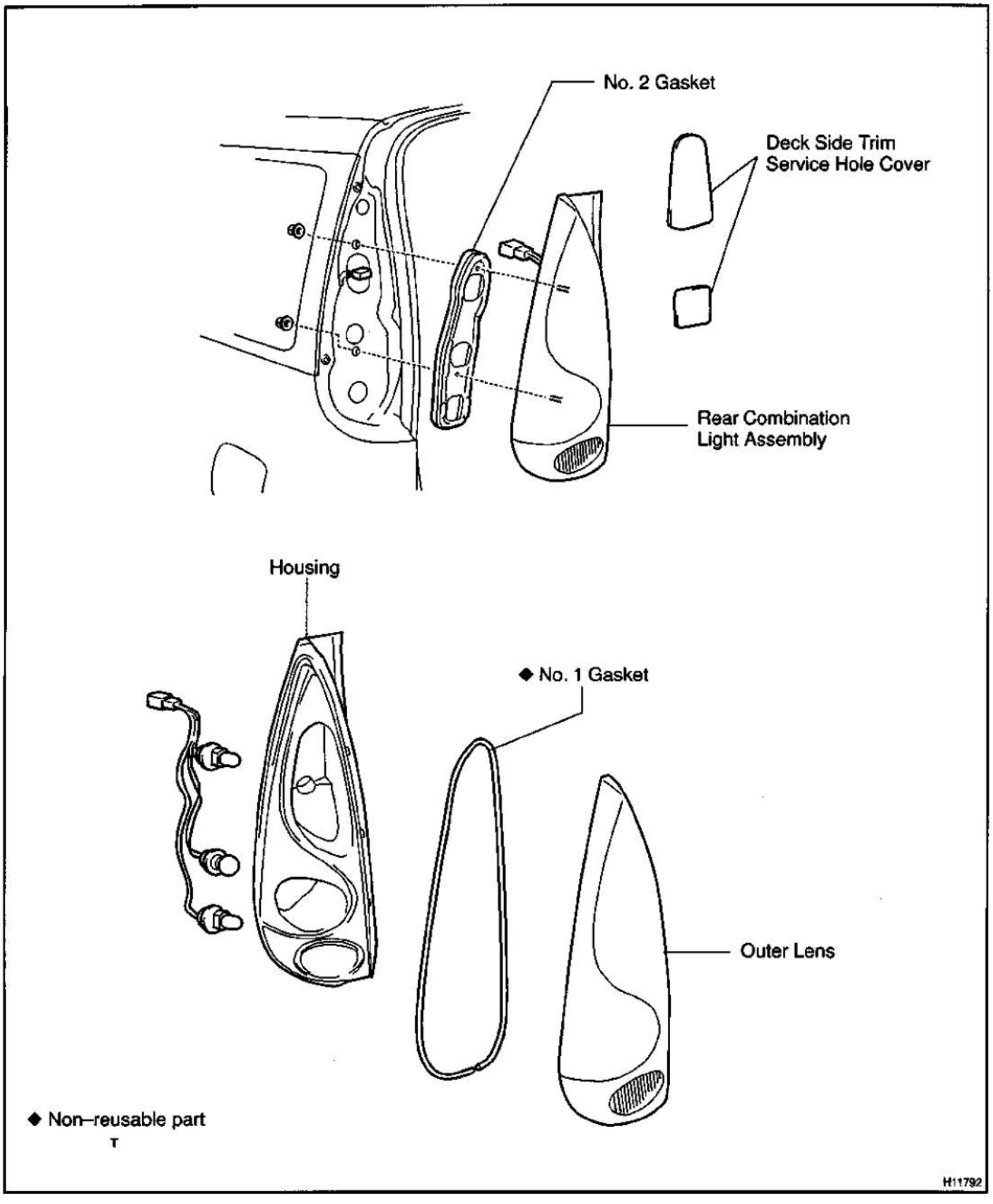
INSTALLATION

Installation is in the reverse order of removal (See page BO–5–2).

REAR COMBINATION LIGHT

COMPONENTS

BO2HO-02

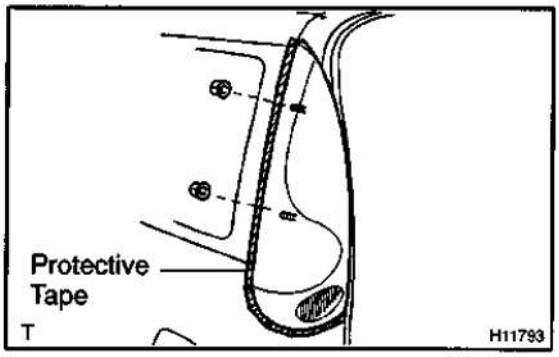


BO3RH-01

REMOVAL

1. REMOVE DECK SIDE TRIM SERVICE HOLE

Remove the deck side trim service hole cover as shown in the illustration.



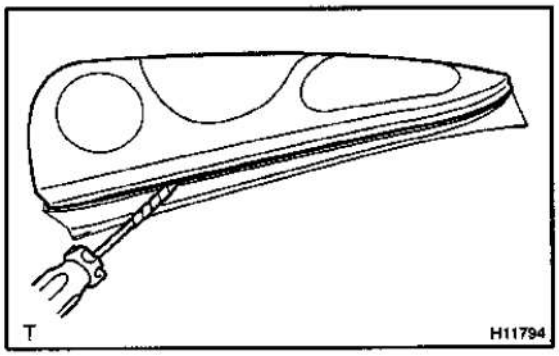
2. REMOVE REAR COMBINATION LIGHT ASSEMBLY

(a) Apply protective tape to the body.
(b) Remove the 2 nuts and disconnect the connector.
(c) Remove the rear combination light.

BO2H3-02

REPLACEMENT

NOTICE:
When replacing the lens, take care not to touch the reflector.

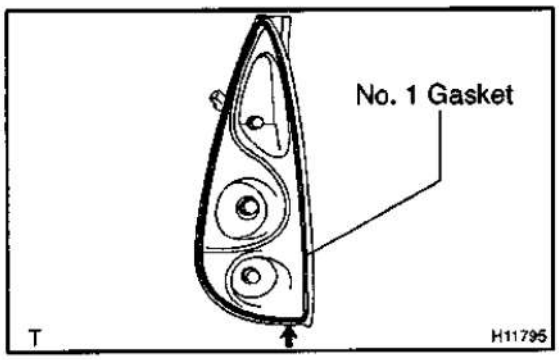


REPLACE LENS

(a) Using a screwdriver, remove the lens from the housing.

HINT:

Tape the screwdriver tip before use.



(b) Install a new No. 1 gasket from the point indicated by the arrow in the illustration.

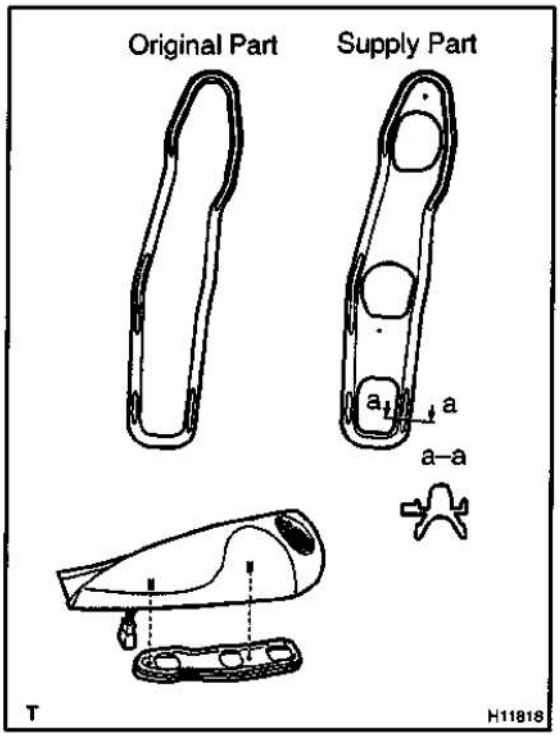
(c) Install a new lens.

BO2HT–02

INSTALLATION

1. INSTALL REAR COMBINATION LIGHT ASSEMBLY

(a) Clean the housing.



(b) Install a new No. 2 gasket to the rear combination light assembly.

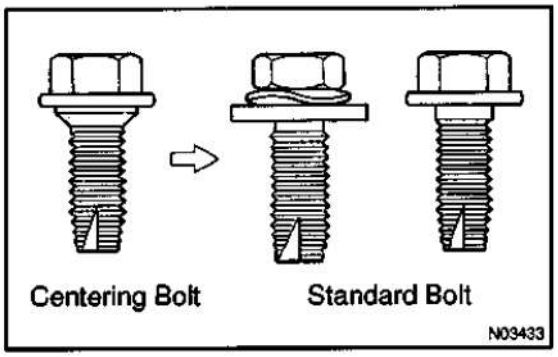
HINT:

Original part is non–reusable, but supply part is reusable.

(c) Install the rear combination light to the body with the 2 nuts.

(d) Connect the connector.

2. INSTALL DECK SIDE TRIM SERVICE HOLE COVER



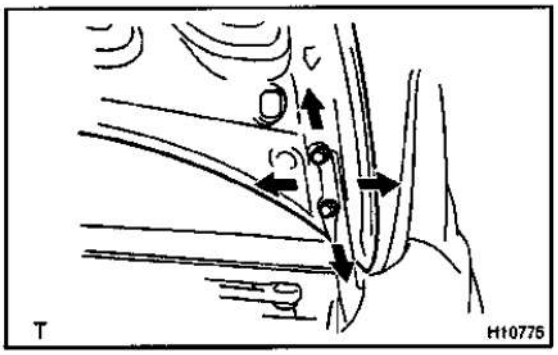
HOOD

ADJUSTMENT

BO9QQ-01

HINT:

Since the centering bolt is used as the hood hinge and lock set bolt, the hood and lock can not be adjusted with it on. Substitute the standard bolt for the centering bolt.



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

Adjust the hood by loosening the hood side hinge bolts.

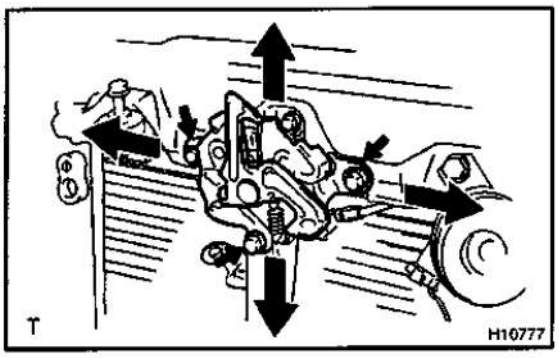
Torque: 13 N·m (130 kgf·cm, 9 ft·lbf)

2. ADJUST FRONT EDGE OF HOOD IN VERTICAL DIRECTION

Adjust the hood by turning the cushions.

3. ADJUST HOOD LOCK

(a) Remove the 4 clips and radiator grille.



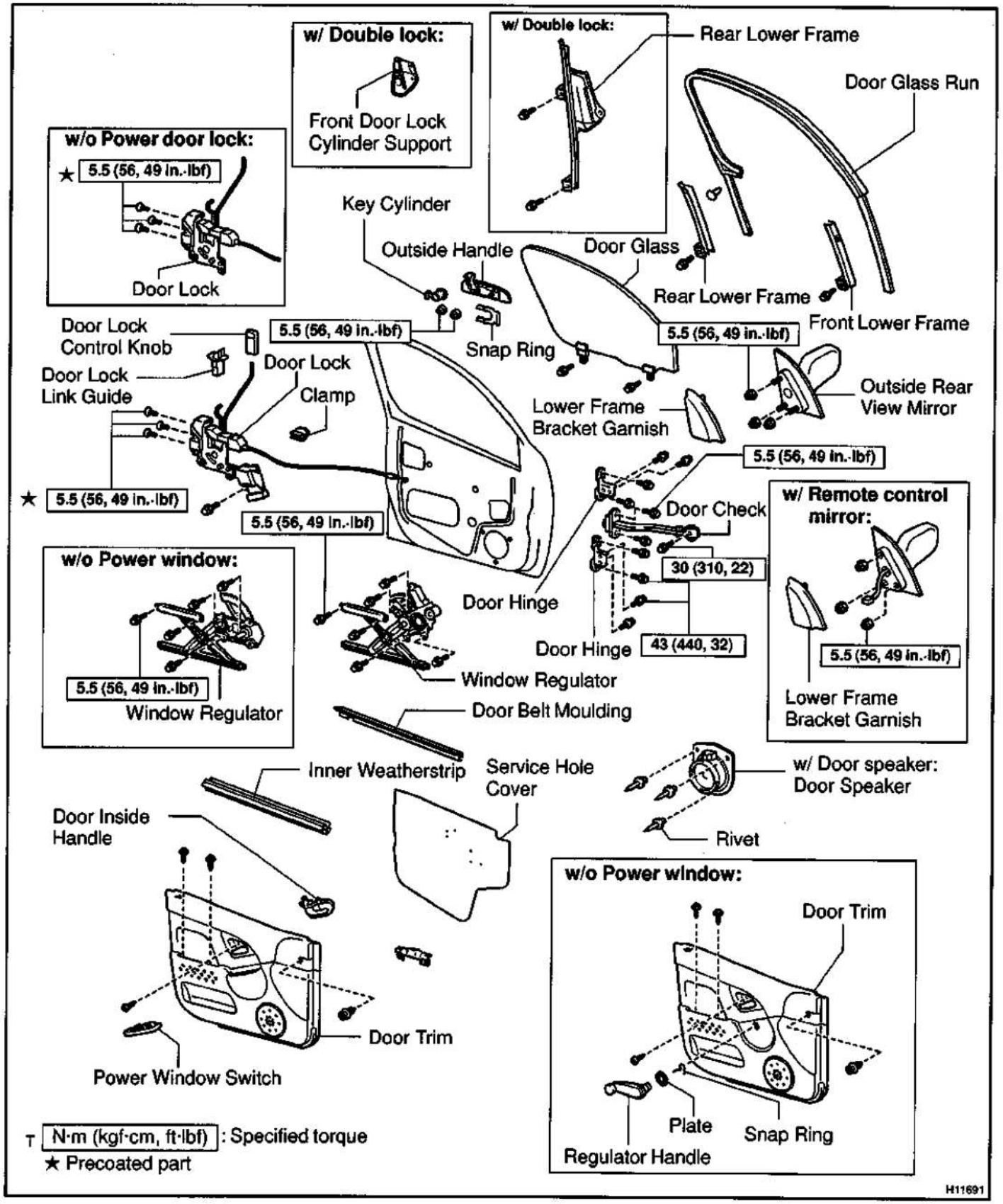
(b) Adjust the hood lock by loosening the 3 bolts.

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

(c) Install the radiator grille with the 4 clips.

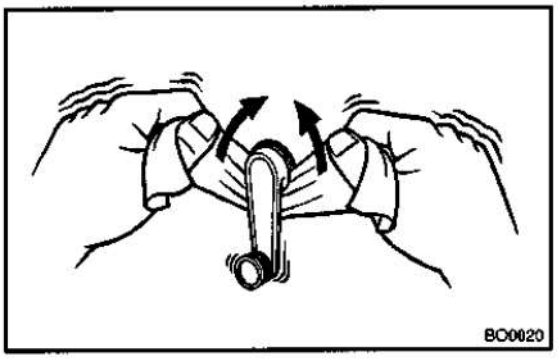
FRONT DOOR

COMPONENTS



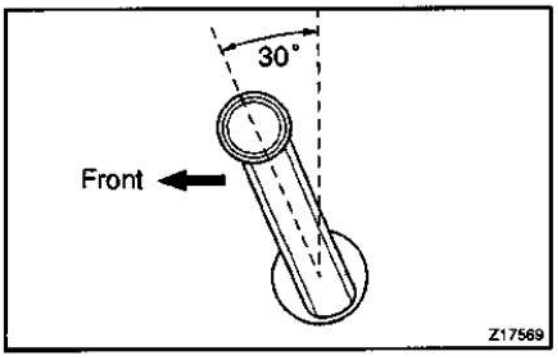
BO20R-01

DISASSEMBLY

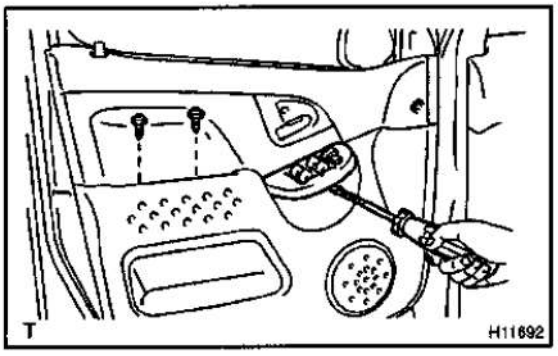


1. **w/o Power window:**
   REMOVE REGULATOR HANDLE

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



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



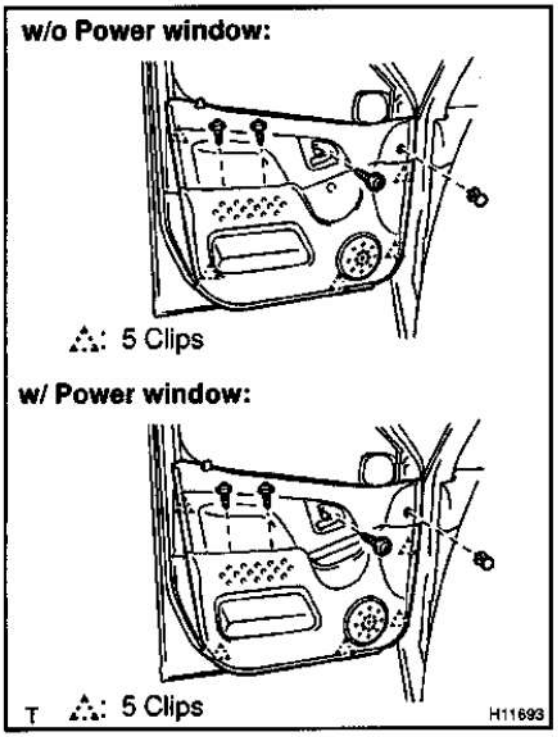
2. **w/ Power window:**
   REMOVE POWER WINDOW SWITCH

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

HINT:
Tape the screwdriver tip before use.

(b) Disconnect the connector.

3. **REMOVE LOWER FRAME BRACKET GARNISH**



4. **REMOVE DOOR TRIM**

(a) Remove the screw and pull handle.
(b) Remove the 3 screws and clip.
(c) Insert a screwdriver between the door panel and door trim to pry the trim out.

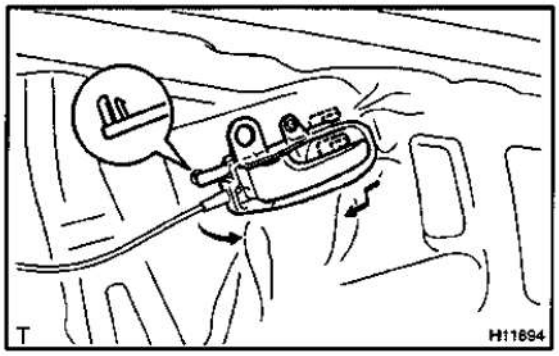
NOTICE:
Be careful not to damage the door panel and trim.

HINT:
Tape the screwdriver tip before use.

(d) Pull the door trim upward to remove it.
(e) Remove the door lock control knob holder.

5. **REMOVE INNER WEATHERSTRIP**
6. **REMOVE OUTSIDE REAR VIEW MIRROR**

(a) w/ Power remote control mirror:
Disconnect the connector.
(b) Remove the 3 nuts and rear view mirror.
Torque: 5.5 N·m (56 kgf·cm, 49 in.·lbf)



7. REMOVE DOOR INSIDE HANDLE

(a) Remove the door inside handle as shown in the illustration.

(b) Disconnect the door lock cable from the door inside handle.

8. w/o Power window:
REMOVE 2 GROMMETS

9. w/ Power window:
REMOVE ARMREST BRACKET

Remove the 2 bolts and armrest bracket.

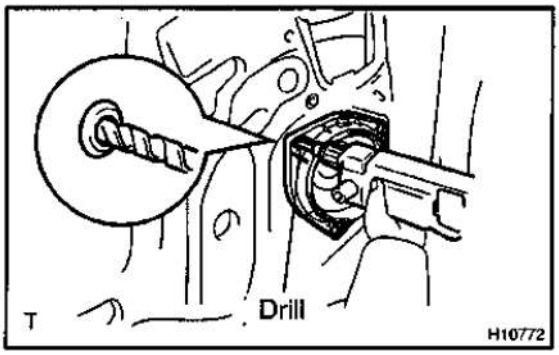
10. REMOVE SERVICE HOLE COVER

Remove the service hole cover.

HINT:

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

Bring out the cable through the service hole cover.



11. w/ Door speaker:
REMOVE DOOR SPEAKER

(a) Using a drill of less than ø 4.8 mm (0.189 in.), drill out the rivet heads and remove the speaker.

(b) Disconnect the connector.

(c) Using a vacuum cleaner, remove the drilled rivets and associated metallic dust from the inside of the door panel.

CAUTION:

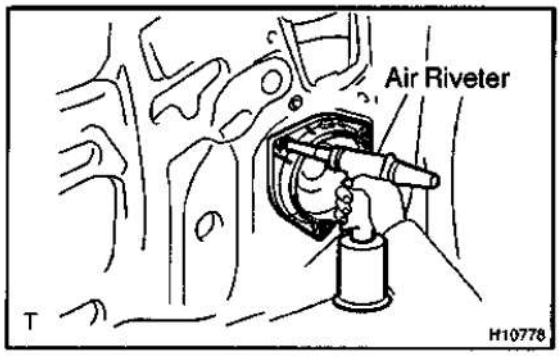
Do not touch the cut rivets and rivet cutter since they will be hot.

NOTICE:

Do not jiggle the rivet cutter while cutting. Otherwise, you may enlarge the rivet hole or damage the rivet cutter.

HINT:

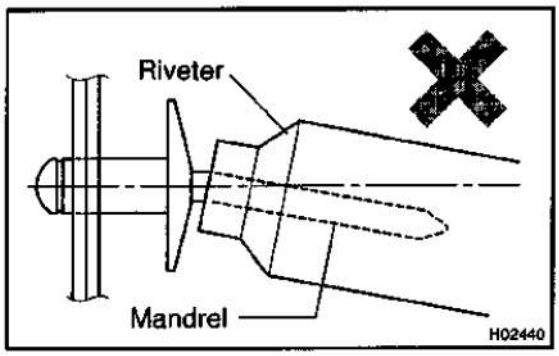
Do not drill the door inner hole.



HINT:

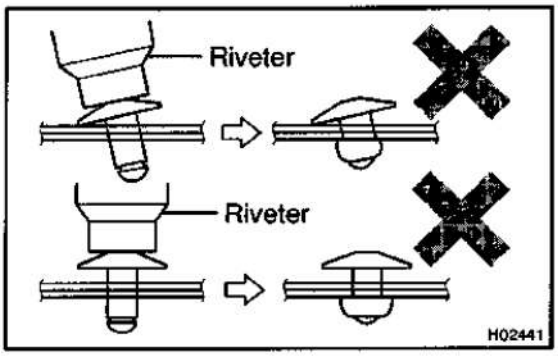
At the time of reassembly, please refer to the following item.

Using an air riveter, strike rivets into the door panel to install the speaker to the door panel.

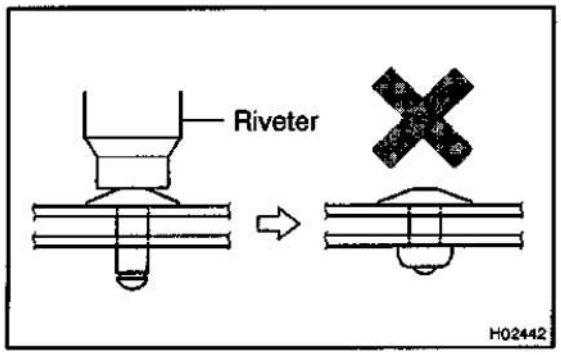


NOTICE:
At the time of reassembly, please refer to the following items.

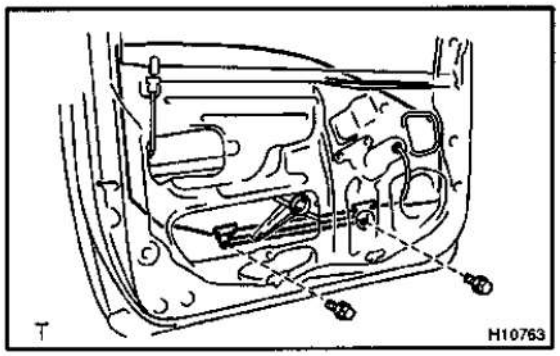
- **Do not prize a riveter. Doing so may cause damage to the riveter, incorrect rivet fastening and a bend of the madrel.**



- **Do no t tilt the riveter while handling it and make sure that the rivet head is attached to the material surface.**



- **Install the rivet so that the materials will securely contact each other. Failure to do so may cause loose rivetting.**



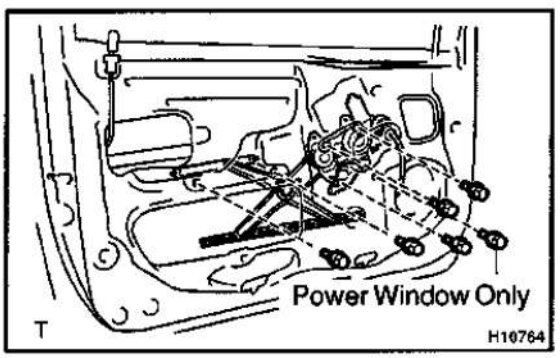
12. REMOVE DOOR GLASS

(a) Open the door glass until the bolts appear in the service holes.

(b) Remove the 2 bolts.

NOTICE:
Be careful not to drop the door glass.

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



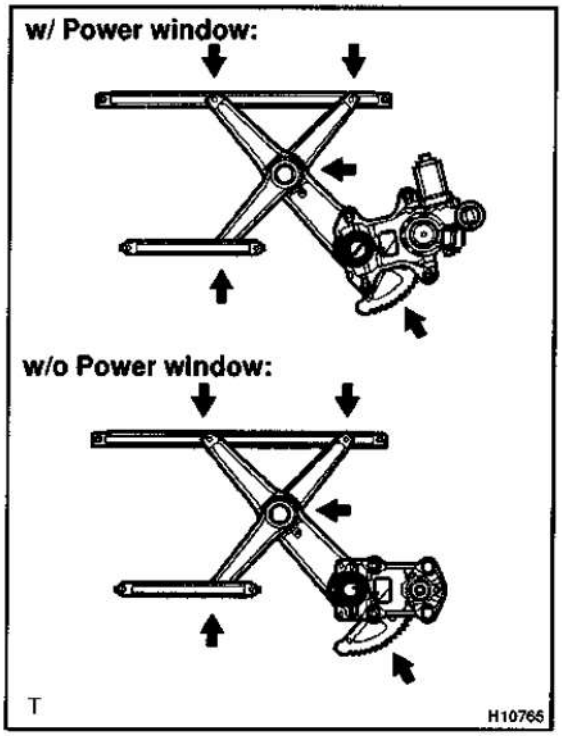
13. REMOVE WINDOW REGULATOR

(a) w/ Power window:
Disconnect the connector.

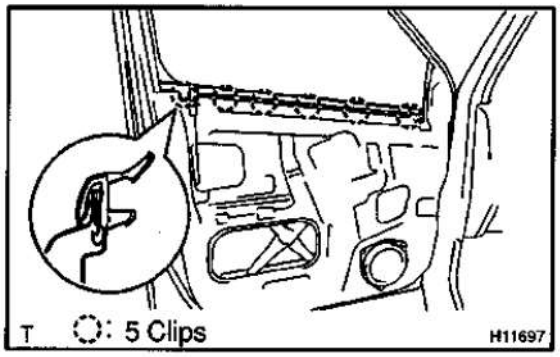
(b) w/ Power window:
Remove the 6 bolts and window regulator.
Torque: 5.5 N·m (56 kgf·cm, 49 in.·lbf)

HINT:
At the time of reassembly, please refer to the following item.
After installing the window regulator, window regulator need to be re–initialized.
Refer to BE–69.

(c) w/o Power window:
Remove the 5 bolts and window regulator.
Torque: 5.5 N·m (56 kgf·cm, 49 in.·lbf)



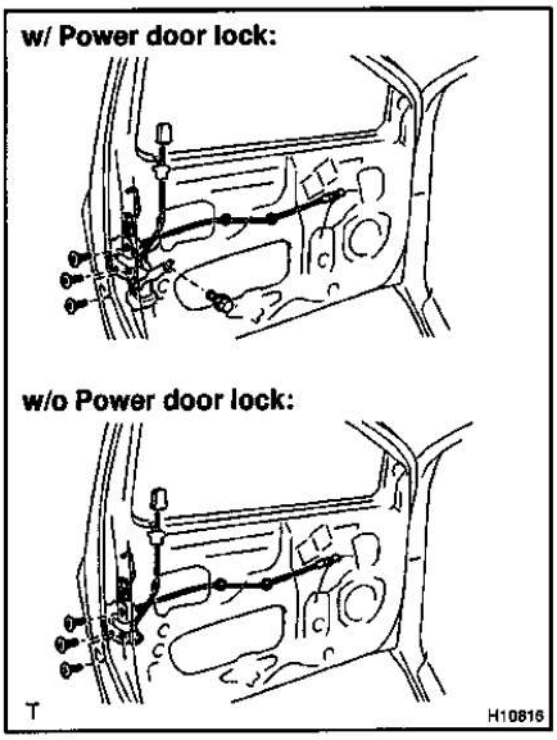
HINT:
At the time of reassembly, please refer to the following item.
Apply MP grease to the window regulator.
NOTICE:
At the time of reassembly, please refer to the following item.
Do not apply grease to the spring of the window regulator.
HINT:
Remove the regulator through the service hole.



14. REMOVE DOOR BELT MOULDING
Using a scraper, remove the door belt moulding.
HINT:
Tape the scraper tip before use.

15. REMOVE DOOR GLASS RUN
(a) Remove the clips and door glass run.
(b) Remove the 2 glass stops.
HINT:
Pull the glass run upward.

16. REMOVE FRONT AND REAR LOWER FRAMES
HINT:
Remove the lower frames through the service hole.



17. REMOVE DOOR LOCK

(a) Remove the door lock control knob.

(b) Disconnect the control cable from the clamp.

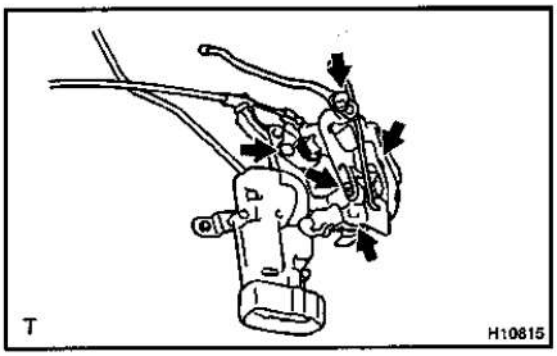
(c) Disconnect the 2 links from the outside handle and key cylinder.

(d) w/ Power door lock:
Disconnect the connector and remove the bolt and 3 screws.
Torque: 5.5 N·m (56 kgf·cm, 49 in.·lbf)

(e) w/o Power door lock:
Remove the 3 screws.
Torque: 5.5 N·m (56 kgf·cm, 49 in.·lbf)

HINT:
At the time of reassembly, please refer to the following item.
Apply adhesive to 3 screws.
Part No. 08833–00070, THREE BOND 1324 or equivalent

(f) Remove the door lock through the service hole.



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

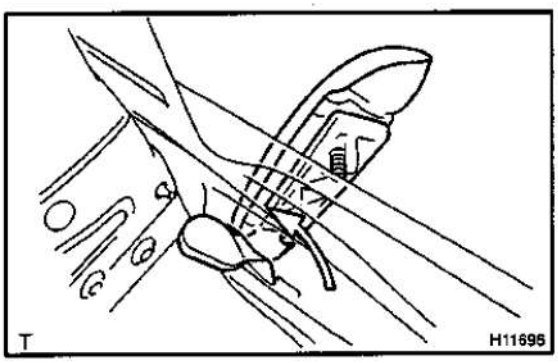
18. REMOVE DOOR LOCK LINK GUIDE AND CLAMP

Using a screwdriver, remove the door lock link guide and clamp.

HINT:
Tape the screwdriver tip before use.

19. REMOVE OUTSIDE HANDLE

(a) Remove the 2 nuts and outside handle as shown in the illustration.
Torque: 5.5 N·m (56 kgf·cm, 49 in.·lbf)

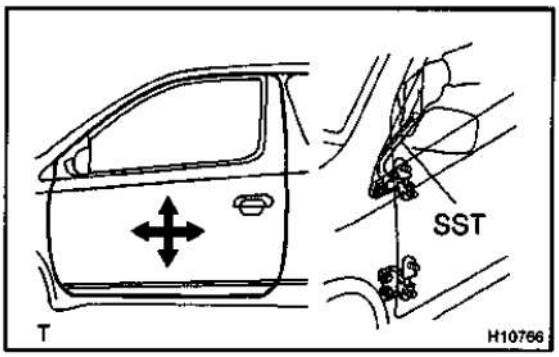


HINT:
Turn round the outside handle, then remove it as shown in the illustration.

20. REMOVE KEY CYLINDER

(a) Remove the snap ring.

(b) Remove the key cylinder.



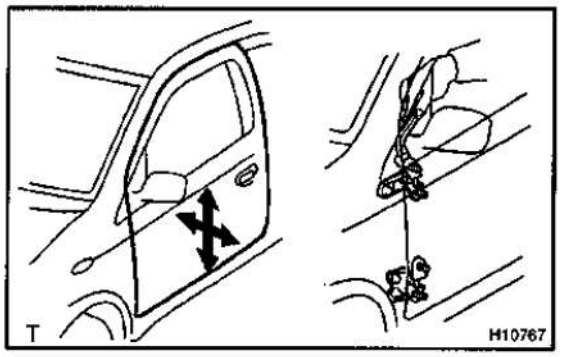
ADJUSTMENT

1. ADJUST DOOR IN FORWARD/REARWARD AND VERTICAL DIRECTIONS

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

SST 09812–00010

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



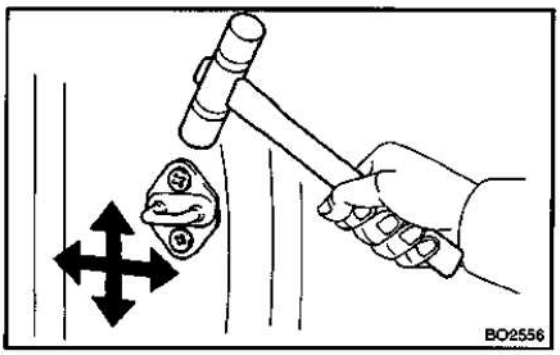
2. ADJUST DOOR IN LEFT/RIGHT AND VERTICAL DIRECTIONS

Loosen the door side hinge bolts to adjust.

HINT:

Substitute the standard bolt for the centering bolt (See page BO–10).

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



3. ADJUST DOOR LOCK STRIKER

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

(b) Loosen the striker mounting screws to adjust.

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

(d) Tighten the striker mounting screws.

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

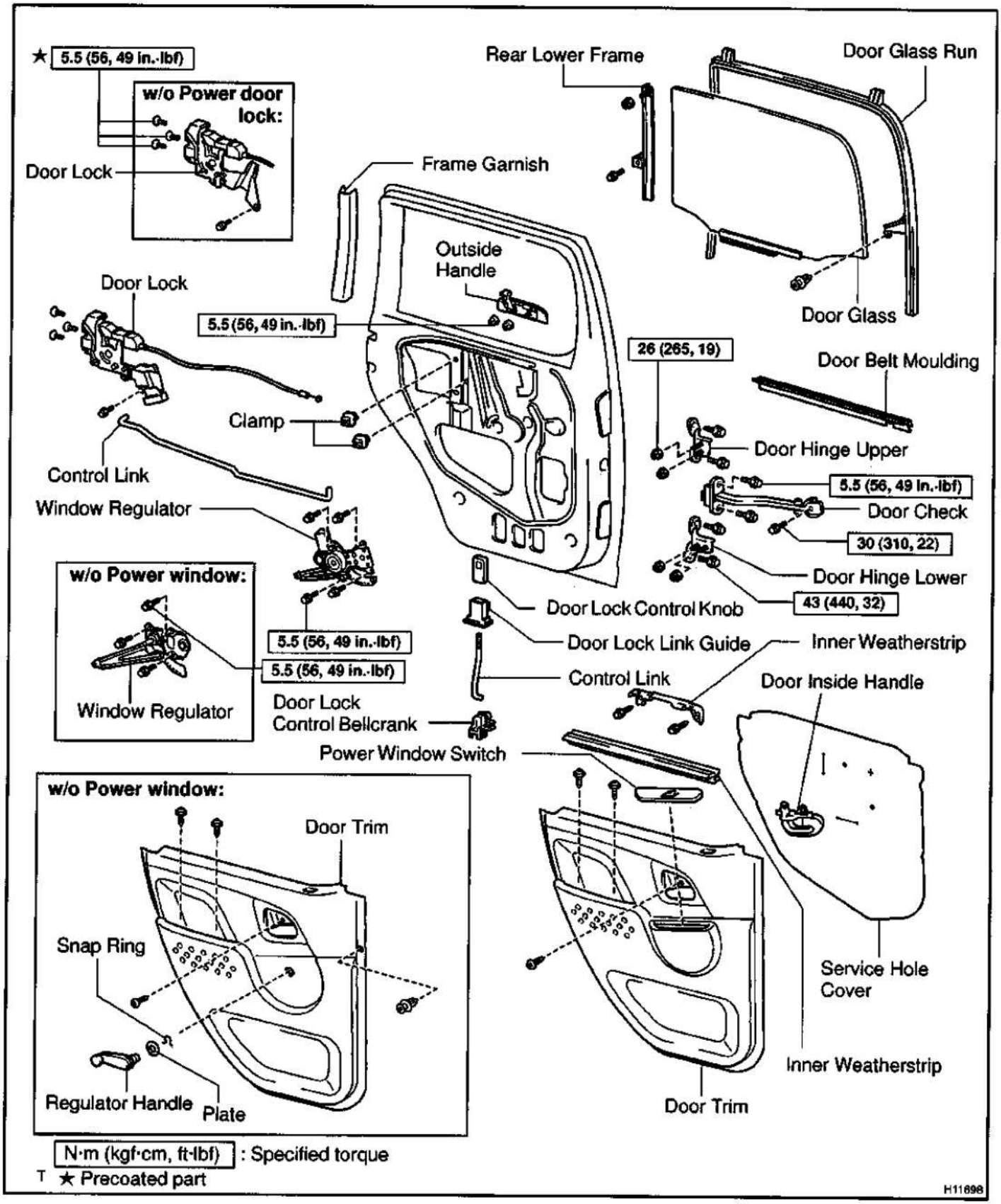
BO203-01

REASSEMBLY

Reassembly is in the reverse order of disassembly (See page BO–12).

REAR DOOR

COMPONENTS

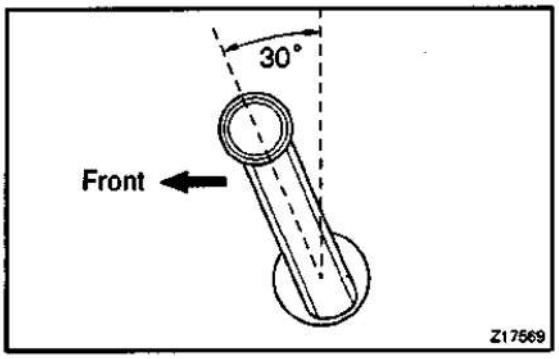


BO0020

DISASSEMBLY

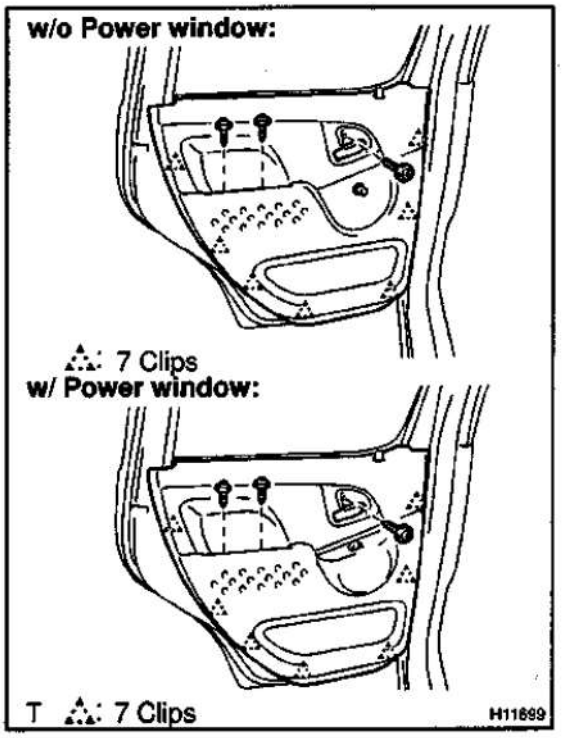
1. **w/o Power window:**
   REMOVE REGULATOR HANDLE

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



Z17569

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



H11699

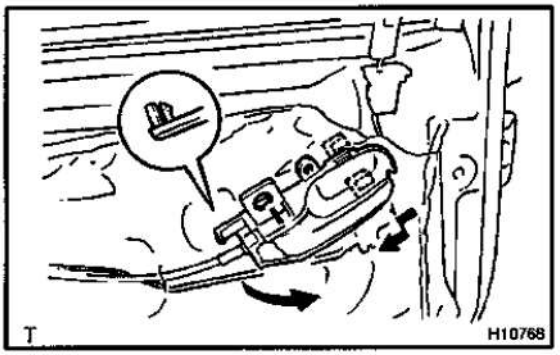
2. **REMOVE DOOR TRIM**

(a) Remove the 3 screws.
(b) Insert a screwdriver between the door panel and door trim to pry the door trim out.

NOTICE:
Be careful not to damage the door panel and trim.
HINT:
Tape the screwdriver tip before use.

(c) Pull the door trim upward to remove it.
(d) w/ Power window:
Disconnect the power window switch connector.
(e) w/ Power window:
Remove the power window switch from the door trim.

3. **REMOVE INNER WEATHERSTRIP**



T H10768

4. **REMOVE DOOR INSIDE HANDLE**

(a) Remove the door inside handle as shown in the illustration.
(b) Disconnect the door lock cable from the door inside handle.

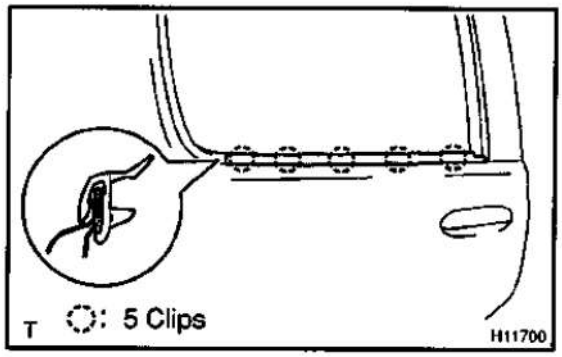
5. **w/ Power window:**
   REMOVE ARMREST BRACKET

Remove the 2 screws and armrest bracket.

6. **REMOVE SERVICE HOLE COVER**

Remove the 2 grommets and service hole cover.

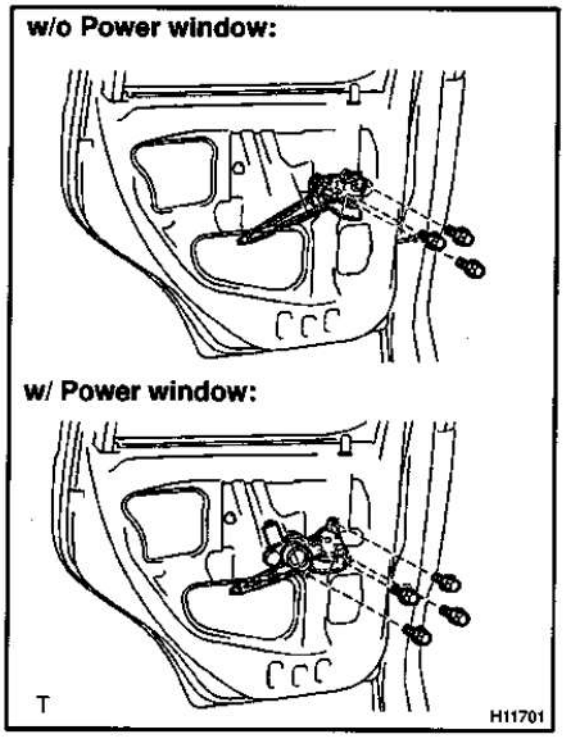
HINT:
At the time of reassembly, please refer to the following item.
Bring out the cable through the service hole cover.



7. REMOVE DOOR BELT MOULDING

Using a scraper, remove the door belt moulding.

HINT:
Tape the scraper tip before use.

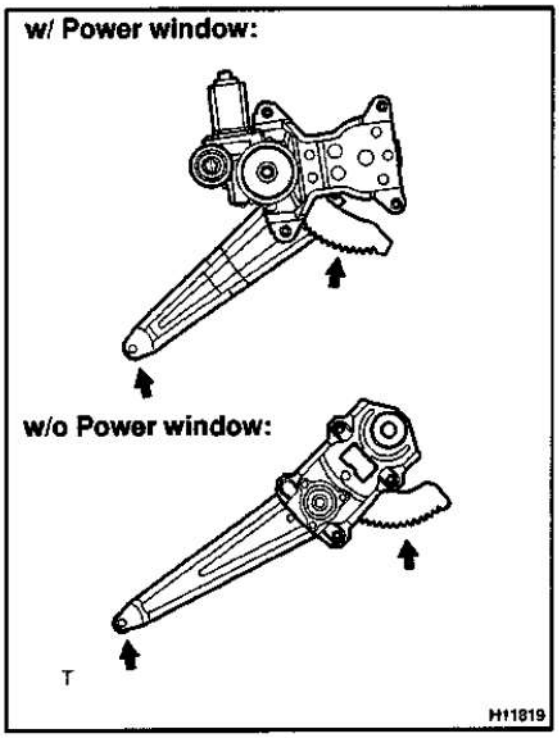


8. REMOVE WINDOW REGULATOR

(a) w/ Power window:
Disconnect the connector, then remove the 4 bolts and window regulator.
Torque: 5.5 N·m (56 kgf·cm, 49 in.·lbf)

(b) w/o Power window:
Remove the 3 bolts and window regulator.
Torque: 5.5 N·m (56 kgf·cm, 49 in.·lbf)

HINT:
Remove the regulator through the service hole.



HINT:
At the time of reassembly, please refer to the following item.
Apply MP grease to the window regulator.
NOTICE:
At the time of reassembly, please refer to the following item.
Do not apply grease to the spring of the window regulator.

9. REMOVE REAR DOOR GLASS RUN

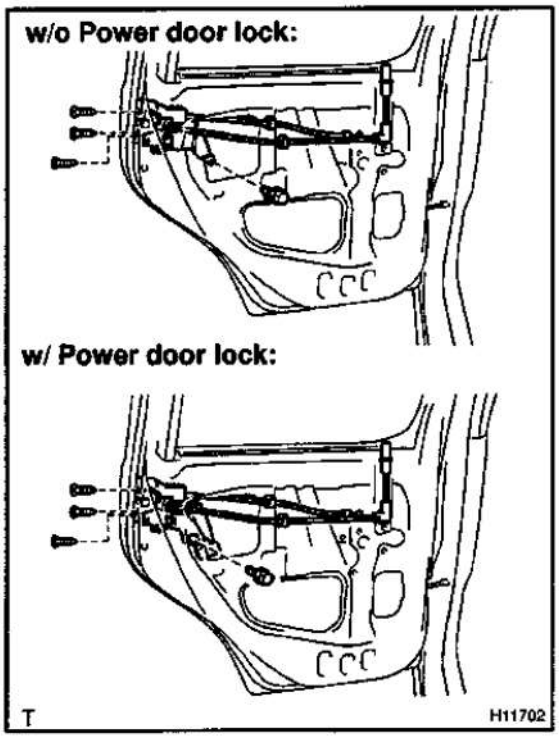
(a) Remove the clip.
(b) Pull the rear door glass run out of the door panel.

10. REMOVE REAR LOWER FRAME

(a) Remove the nut and screw.
(b) Remove the rear lower frame.

11. REMOVE DOOR GLASS

12. REMOVE FRAME GARNISH

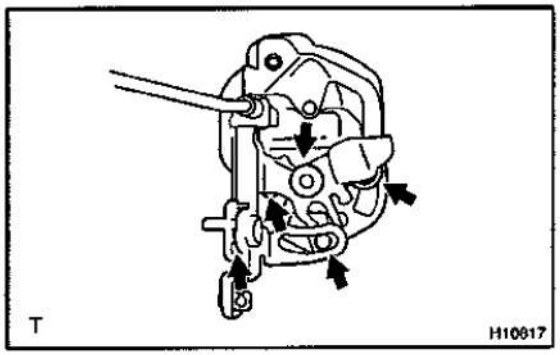


13. REMOVE DOOR LOCK

(a) Remove the door lock control knob.
(b) Remove the door lock control bellcrank and disconnect the door lock control link.
(c) Disconnect the door lock control link and cable from the door lock link clamp.
(d) w/ Power door lock:
Disconnect the connector and remove the bolt, 3 screws and door lock with control links.
Torque: 5.5 N·m (56 kgf·cm, 49 in.·lbf)
(e) w/o Power door lock:
Remove the bolt, 3 screws and door lock control cable.
Torque: 5.5 N·m (56 kgf·cm, 49 in.·lbf)

HINT:
At the time of reassembly, please refer to the following item.
Apply adhesive to 3 screws.
Part No. 08833–00070, THREE BOND 1324 or equivalent

(f) Remove the door lock through the service hole.



HINT:
At the time of reassembly, please refer to the following item.
Apply MP grease to the sliding and rotating part of the door lock.

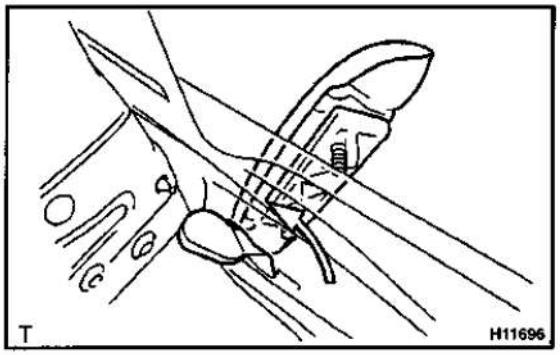
14. REMOVE DOOR LOCK LINK GUIDE AND CLAMP

(a) Using a screwdriver, remove the door lock link guide and clamp.

HINT:
Tape the screwdriver tip before use.

15. REMOVE OUTSIDE HANDLE

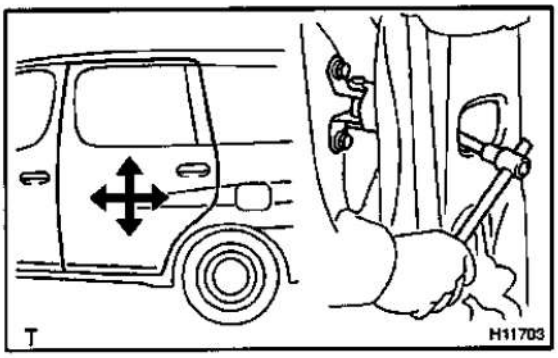
Remove the 2 nuts and outside handle.



HINT:

Turn round the outside handle, then remove it as shown in the illustration.

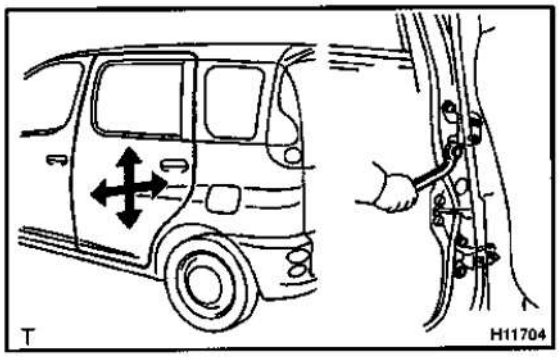
Torque: 5.5 N·m (56 kgf·cm, 49 in.·lbf)



ADJUSTMENT

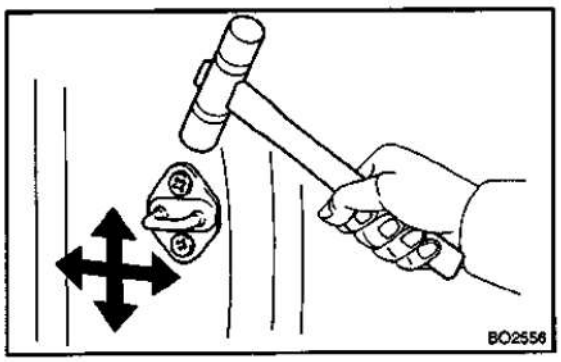
1. ADJUST DOOR IN FORWARD/ REARWARD AND VERTICAL DIRECTIONS

(a) Remove the front and rear door scuff plates.
(b) Remove the center pillar lower garnish.
(c) Remove the front seat outer belt (See page BO–121).
(d) Loosen the body side hinge nuts to adjust.
Torque: 26 N·m (265 kgf·cm, 19 ft·lbf)
(e) Install the front seat outer belt and center pillar lower garnish (See page BO–121).
(f) Install the front and rear door scuff plates.



2. ADJUST DOOR IN LEFT/RIGHT AND VERTICAL DIRECTIONS

Loosen the door side hinge bolts to adjust.
Torque: 43 N·m (440 kgf·cm, 32 ft·lbf)



3. ADJUST DOOR LOCK STRIKER

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

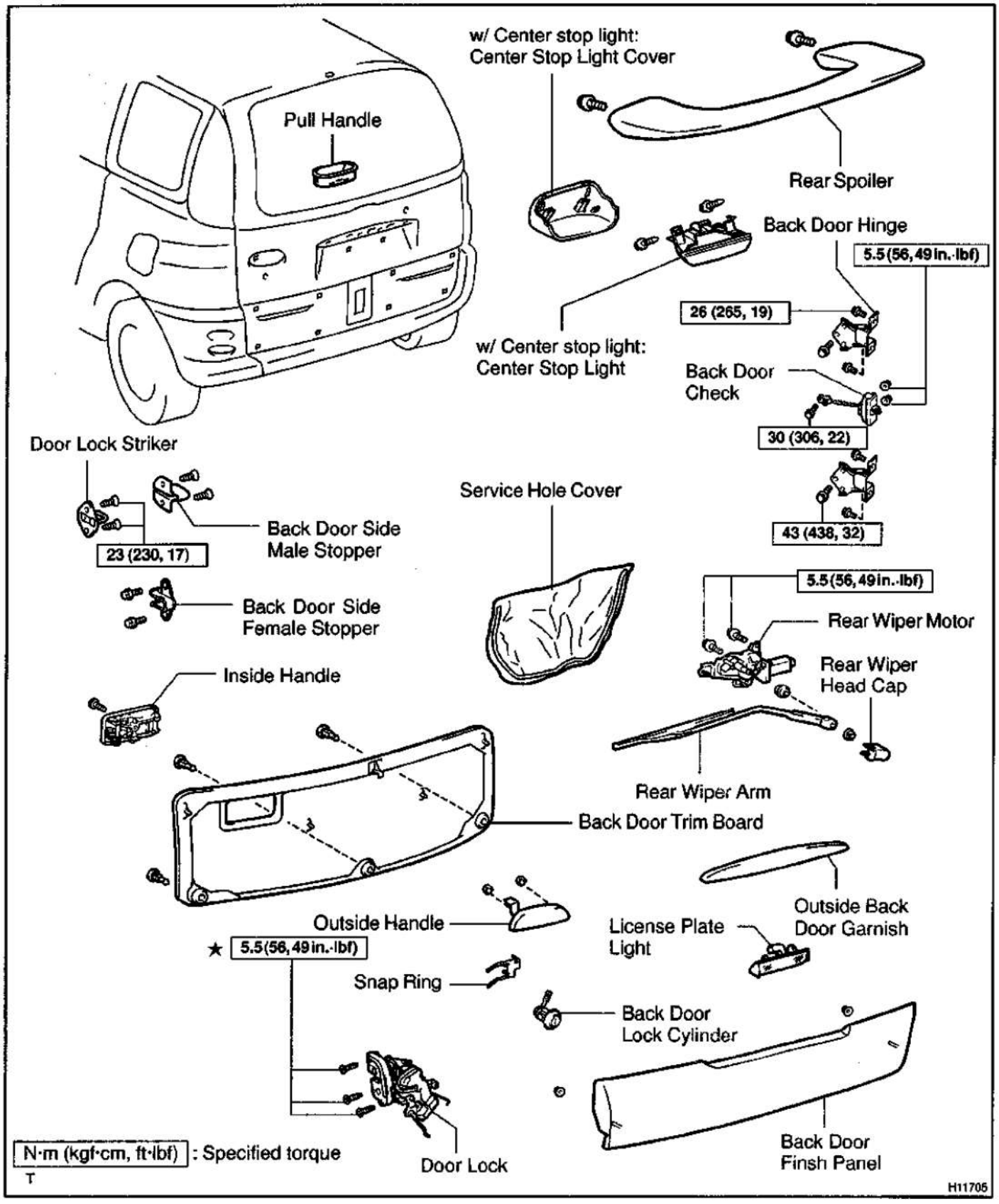
BO26-01

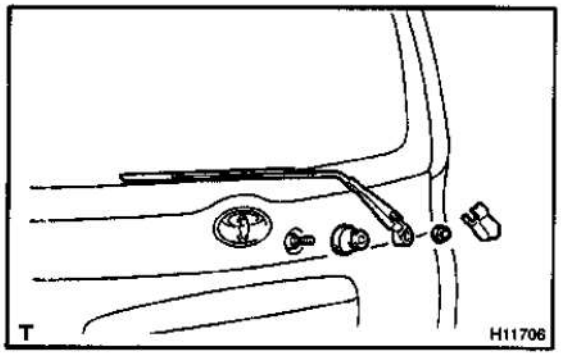
REASSEMBLY

Reassembly is in the reverse order of disassembly (See page BO–20).

BACK DOOR

COMPONENTS





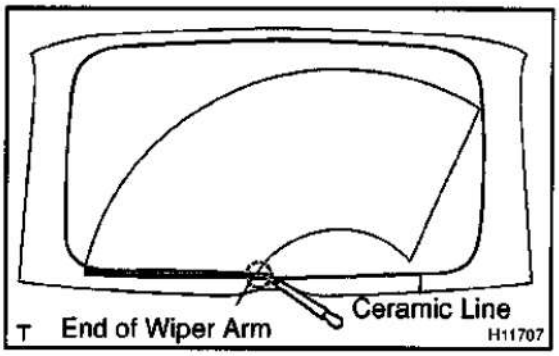
DISASSEMBLY

1. REMOVE REAR WIPER ARM

(a) Remove the rear wiper head cap.

(b) Remove the nut and rear wiper arm.

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



HINT:

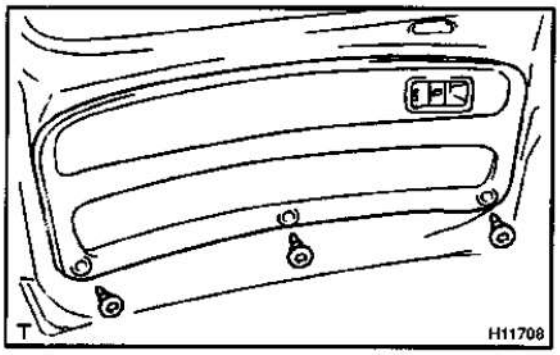
At the time of reassembly, please refer to the following items.

- Operate the wiper motor for one cycle before installing the wiper arm.
- Set the end of wiper arm on the ceramic line.

(c) Remove the grommet.

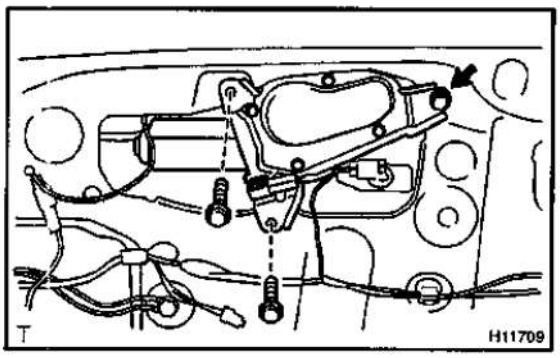
2. REMOVE INSIDE HANDLE

Remove the screw and inside handle.



3. REMOVE BACK DOOR TRIM BOARD

Remove the 3 clips and back door trim board.



4. REMOVE REAR WIPER MOTOR

(a) Remove the 2 bolts and loosen the bolt indicated by the arrow.

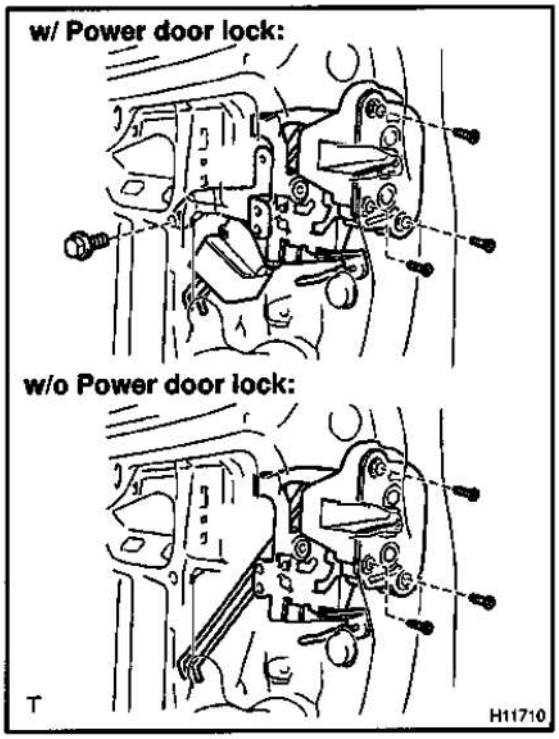
Torque: 5.5 N·m (56 kgf·cm, 49 in.·lbf)

(b) Disconnect the connector, then remove the rear wiper motor.

5. REMOVE LICENSE PLATE LIGHT

Disconnect the connector and license plate light.

6. REMOVE SERVICE HOLE COVER



7. REMOVE DOOR LOCK

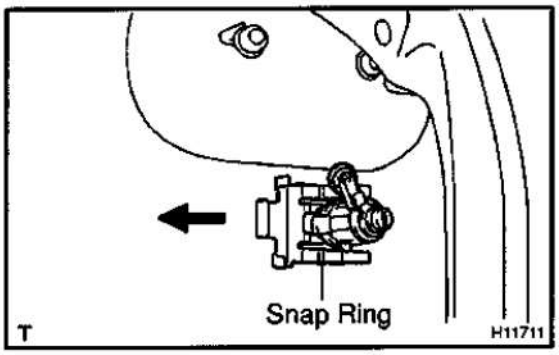
(a) w/ Power door lock:
Disconnect the connector.

(b) w/o Power door lock:
Remove the 3 screws and door lock.

(c) w/ Power door lock:
Remove the bolt, 3 screws and door lock.
Torque: 5.5 N·m (56 kgf·cm, 49 in.·lbf)

HINT:
Remove the door lock through the service hole.

HINT:
At the time of reassembly, please refer to the following item.
Apply adhesive to 3 screws.
Part No. 08833–00070, THREE BOND 1324 or equivalent



8. REMOVE BACK DOOR LOCK CYLINDER

(a) Remove the snap ring as shown in the illustration.

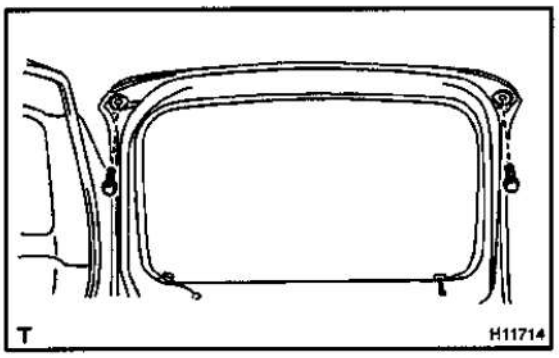
(b) Remove the back door lock cylinder.

9. REMOVE OUTSIDE HANDLE

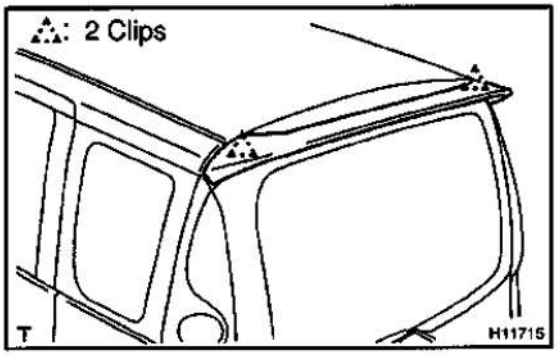
Remove the 2 nuts and outside handle.

10. REMOVE REAR SPOILER

(a) Remove the cushion.



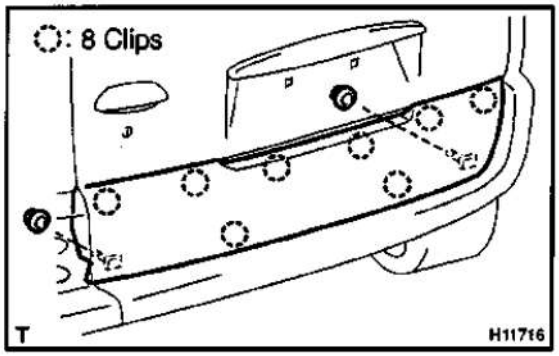
(b) Remove the 2 bolts.



(c) Insert a screwdriver between the rear spoiler and back door panel to remove the rear spoiler.

HINT:
Tape the screwdriver tip before use.

11. REMOVE OUTSIDE BACK DOOR GARNISH

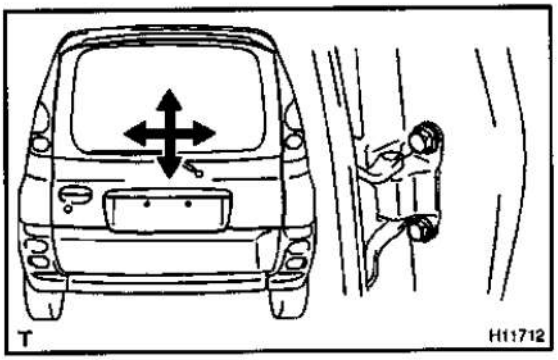


12. REMOVE BACK DOOR FINISH PANEL

Insert a screwdriver between the back door finish panel and door panel to remove the back door finish panel.

HINT:

Tape the screwdriver tip before use.



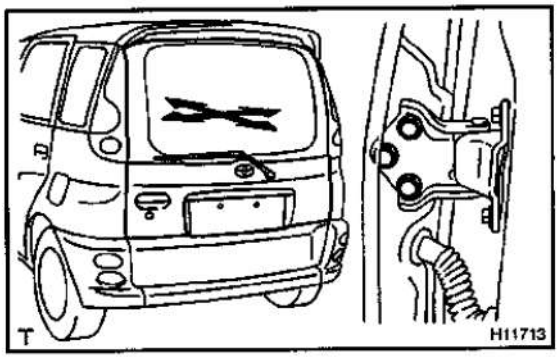
ADJUSTMENT

1. ADJUST DOOR IN LEFT/RIGHT AND VERTICAL DIRECTIONS

Adjust the door by loosening the door side hinge bolts.

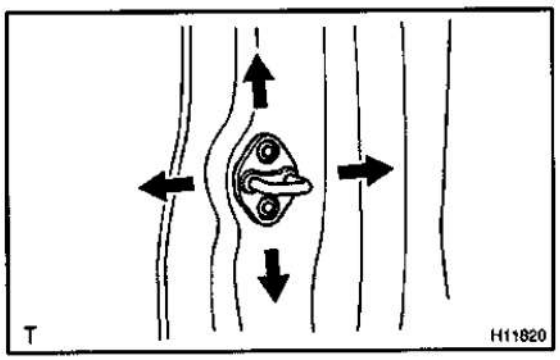
Torque: 26 N·m (265 kgf·cm, 19 ft·lbf)

2. ADJUST DOOR IN FORWARD/REARWARD AND VERTICAL DIRECTIONS



Adjust the door by loosening the body side hinge bolts.

Torque: 43 N·m (438 kgf·cm, 32 ft·lbf)



3. ADJUST DOOR LOCK STRIKER

(a) Check that the door fits properly and that the door linkage is adjusted correctly.

(b) Adjust the striker by loosening the striker mounting screws.

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

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

BO20J-01

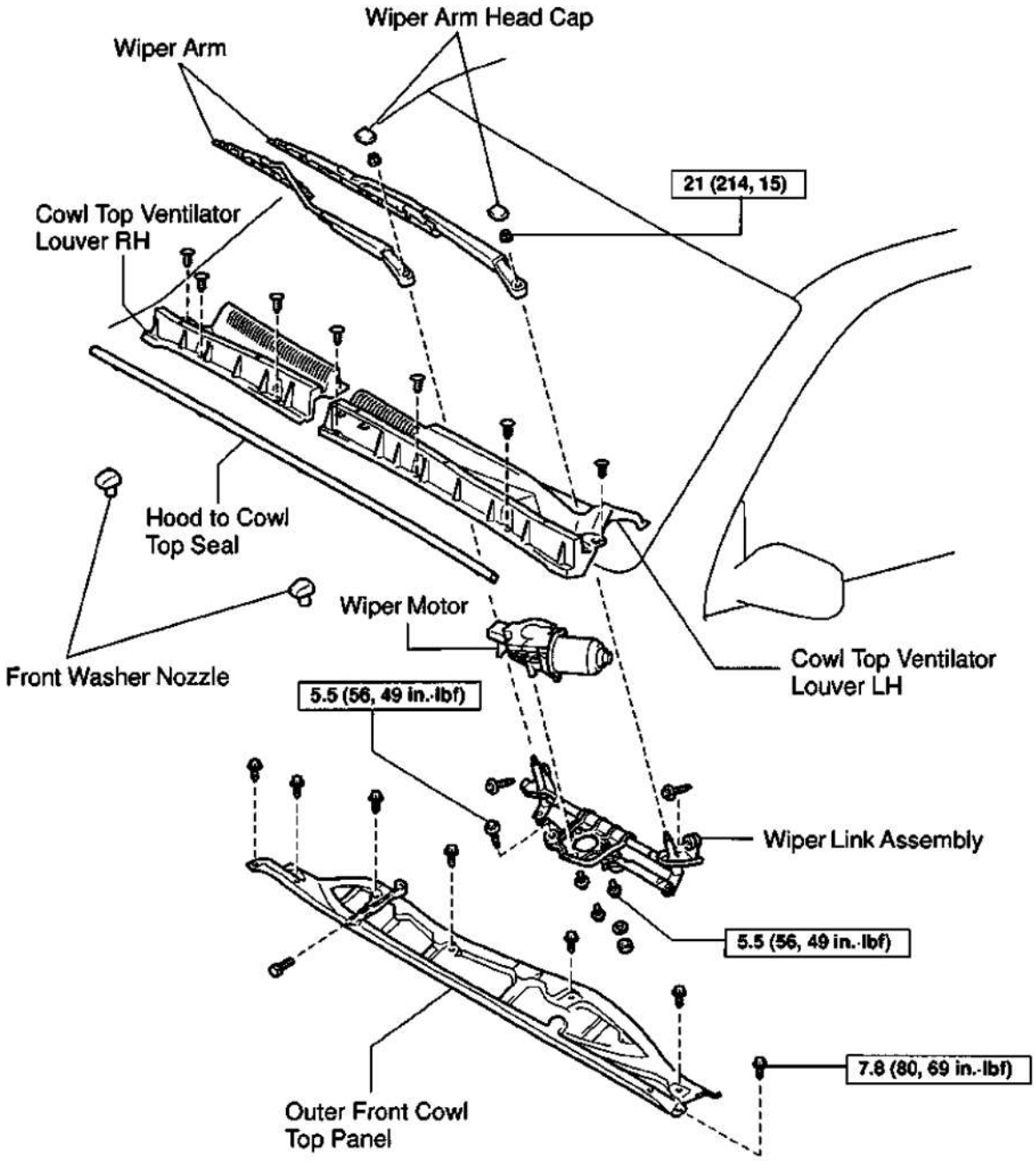
REASSEMBLY

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

FRONT WIPER AND WASHER

COMPONENTS

BO237-02



T

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

H11717

REMOVAL

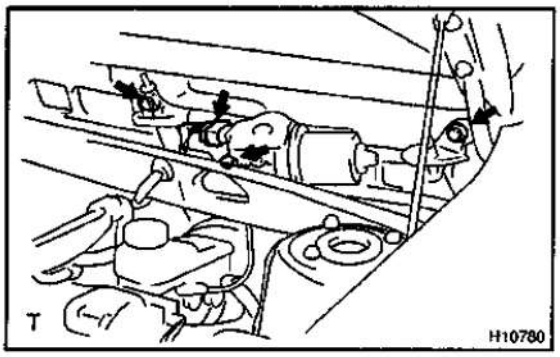
1. REMOVE WIPER ARMS

Remove the 2 wiper arm head caps, 2 nuts and 2 wiper arms.

2. REMOVE COWL TOP VENTILATOR LOUVER

(a) Remove the hood to cowl top seal.

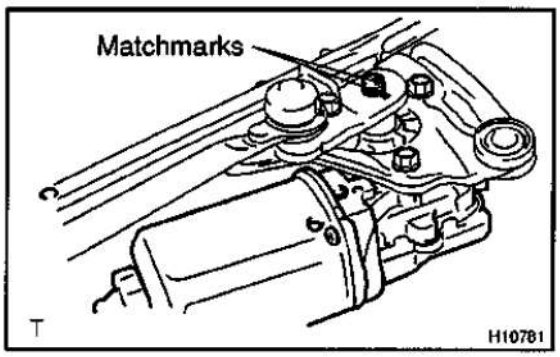
(b) Remove the 7 clips, then pull out the cowl top ventilator louver RH and LH.



3. REMOVE WIPER MOTOR ASSEMBLY

(a) Disconnect the connector.

(b) Remove the 3 bolts and wiper motor assembly.



4. REMOVE WIPER MOTOR

(a) Remove the nut and washer.

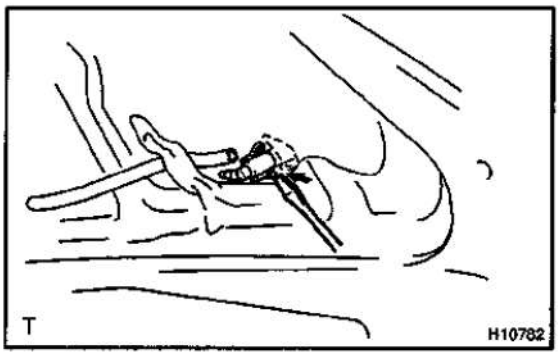
(b) Place the matchmarks on both the wiper link and motor.

(c) Remove the 3 bolts and motor from the wiper link assembly.

5. REMOVE OUTER FRONT COWL TOP PANEL

(a) Pull out the wiper motor wire harness with the grommet.

(b) Remove the 8 bolts and outer front cowl top panel.



6. REMOVE FRONT WASHER NOZZLE

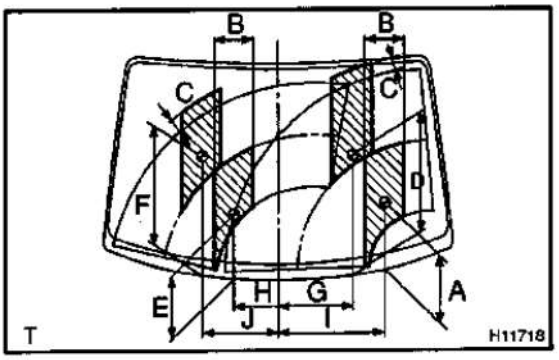
(a) Disconnect the washer hose.

(b) Using a screwdriver, remove the front washer nozzle from the hood.

HINT:

Tape the screwdriver tip before use.

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

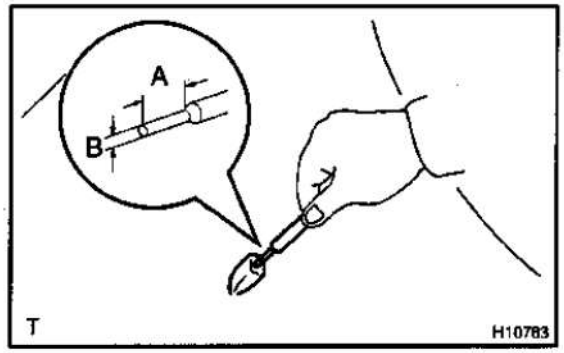


INSPECTION

INSPECT WASHER NOZZLE

While operating the washer, check that points where the washer fluid from the nozzles hits the windshield and the upsurge area are within the range indicated by the hatched line.

A: Approx. 250 mm (9.84 in.)
B: Approx. 150 mm (5.91 in.)
C: Approx. 50 mm (1.97 in.)
D: Approx. 463 mm (18.23 in.)
E: Approx. 250 mm (9.84 in.)
F: Approx. 463 mm (18.23 in.)
G: Approx. 285 mm (11.22 in.)
H: Approx. 172 mm (6.77 in.)
I: Approx. 405 mm (15.94 in.)
J: Approx. 291 mm (11.46 in.)



ADJUSTMENT

ADJUST FRONT 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.

A: 2.0 – 2.5 mm (0.079 – 0.098 in.)

B: 0.7 – 0.75 mm (0.028 – 0.0295 in.)

INSTALLATION

1. INSTALL WASHER NOZZLES

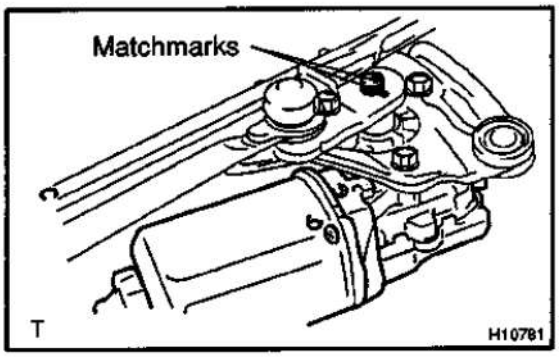
(a) Install the washer nozzles to the hood.

(b) Connect the washer hoses.

2. INSTALL OUTER FRONT COWL TOP PANEL

(a) Install the outer front cowl top panel with 8 bolts.
Torque: 7.8 N·m (80 kgf·cm, 69 in.·lbf)

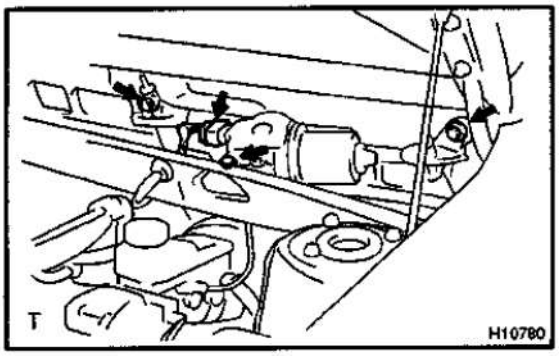
(b) Push in the wiper motor wire harness with the grommet.



3. INSTALL WIPER MOTOR

(a) Install the wiper motor to the wiper link with the 3 bolts.
Torque: 5.5 N·m (56 kgf·cm, 49 in.·lbf)

(b) Align the matchmarks on both the wiper link and wiper motor, then install the washer and nut.
Torque: 5.5 N·m (56 kgf·cm, 49 in.·lbf)



4. INSTALL WIPER MOTOR ASSEMBLY

(a) Install the wiper motor assembly with 3 bolts.
Torque: 5.5 N·m (56 kgf·cm, 49 in.·lbf)

(b) Connect the connector.

5. INSTALL COWL TOP VENTILATOR LOUVER

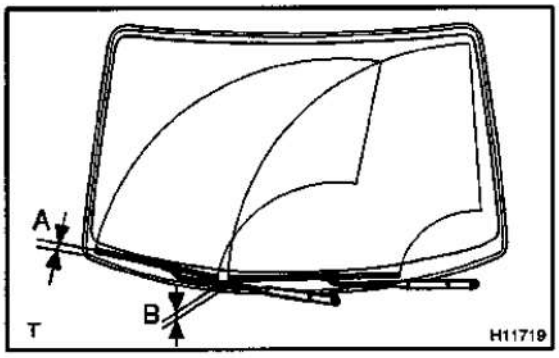
Install the cowl top ventilator louver LH and RH, then install the 7 clips.

6. INSTALL HOOD TO COWL TOP SEAL

7. INSTALL WIPER ARMS

(a) Operate the wiper motor for one cycle.

(b) Install the wiper arms and tighten nuts by hand.



(c) Adjust the installation position of the wiper arms to the positions shown in the illustration.
A: Approx. 20 mm (0.79 in.)
B: Approx. 25 mm (0.98 in.)

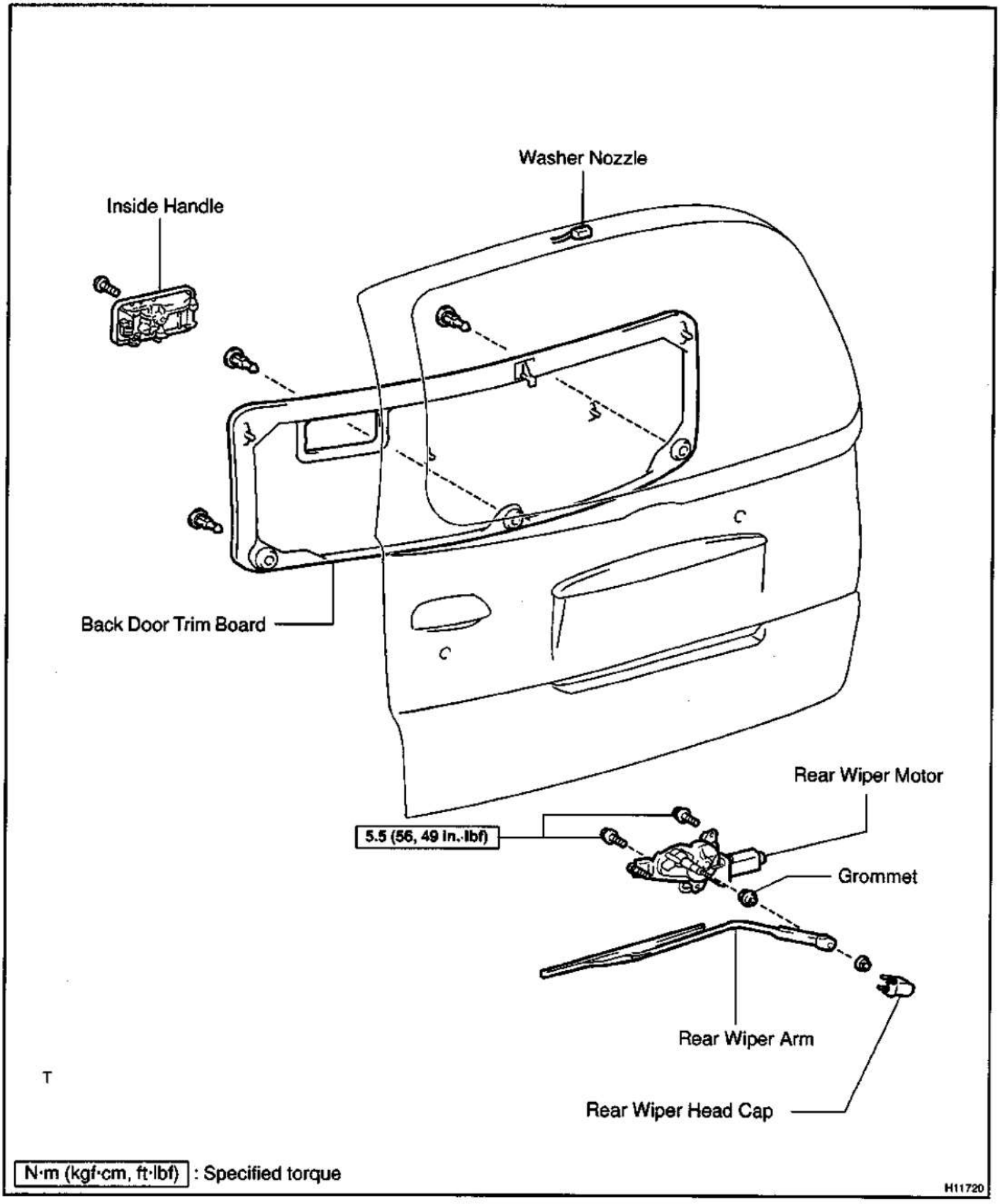
(d) Torque the 2 nuts.
Torque: 21 N·m (214 kgf·cm, 15 ft·lbf)

(e) Install the 2 wiper arm head caps.

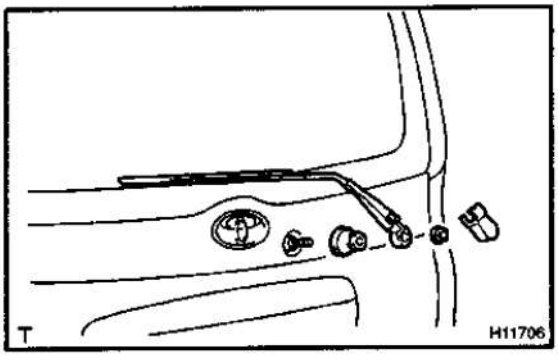
REAR WIPER AND WASHER

COMPONENTS

BO2GK-02



REMOVAL



1. REMOVE REAR WIPER ARM

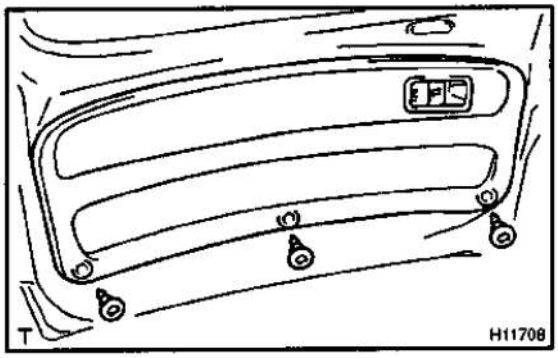
(a) Remove the rear wiper head cap.

(b) Remove the nut and rear wiper arm.

(c) Remove the grommet.

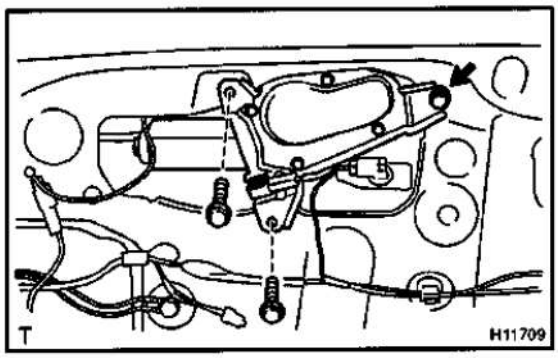
2. REMOVE INSIDE HANDLE

Remove the screw and inside handle.



3. REMOVE BACK DOOR TRIM BOARD

Remove the 3 clips and back door trim board.

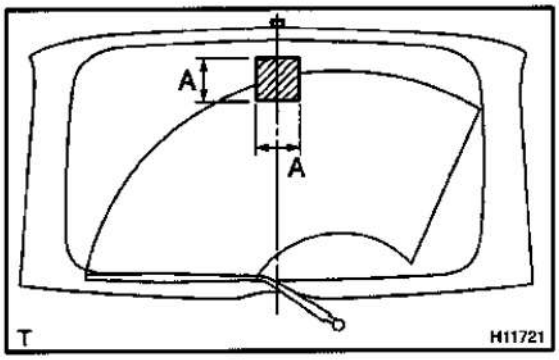


4. REMOVE REAR WIPER MOTOR

(a) Remove the 2 bolts and loosen the bolt indicated by the arrow.

(b) Disconnect the connector, then remove the rear wiper motor.

5. REMOVE WASHER NOZZLE

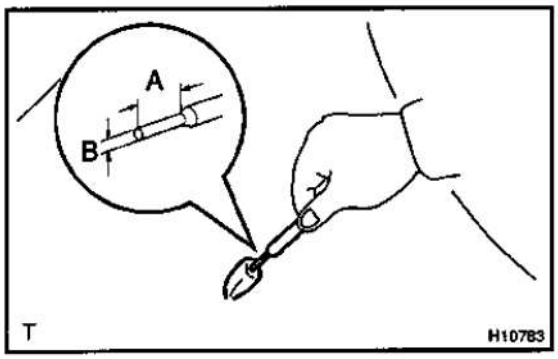


INSPECTION

INSPECT WASHER NOZZLE

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

A: Approx. 100 mm (3.94 in.)



ADJUSTMENT

ADJUST FRONT WASHER NOZZLE

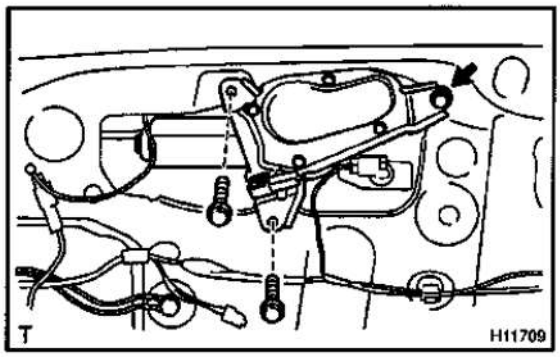
Using a tool like the one shown in the illustration, change the direction of the nozzle hole to adjust the point where washer fluid hits the windshield.

A: 2.0 – 2.5 mm (0.079 – 0.098 in.)

B: 0.7 – 0.75 mm (0.028 – 0.0295 in.)

INSTALLATION

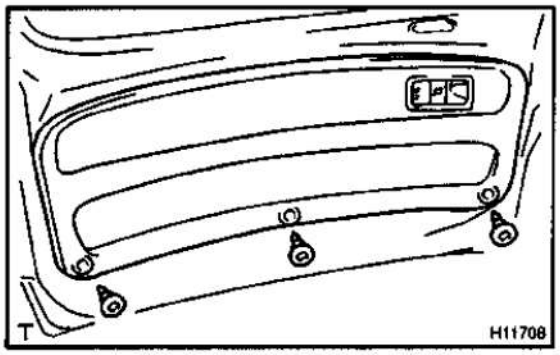
1. INSTALL WASHER NOZZLE



2. INSTALL REAR WIPER MOTOR

(a) Install the rear wiper motor to the door panel with 3 bolts.
Torque: 5.5 N·m (56 kgf·cm, 49 in.·lbf)

(b) Connect the connector.



3. INSTALL BACK DOOR TRIM BOARD

Install the back door trim board with the 3 clips.

4. INSTALL INSIDE HANDLE

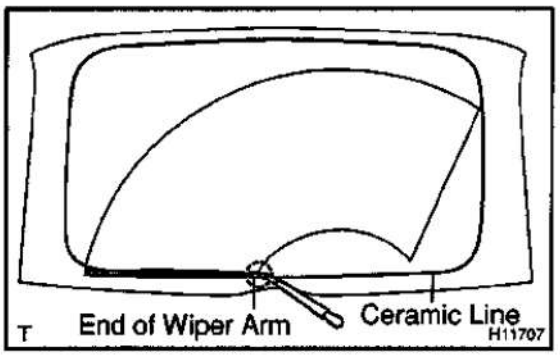
Install the inside handle with the screw.

5. INSTALL REAR WIPER ARM

(a) Install the grommet.

(b) Operate the wiper motor for one cycle.

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



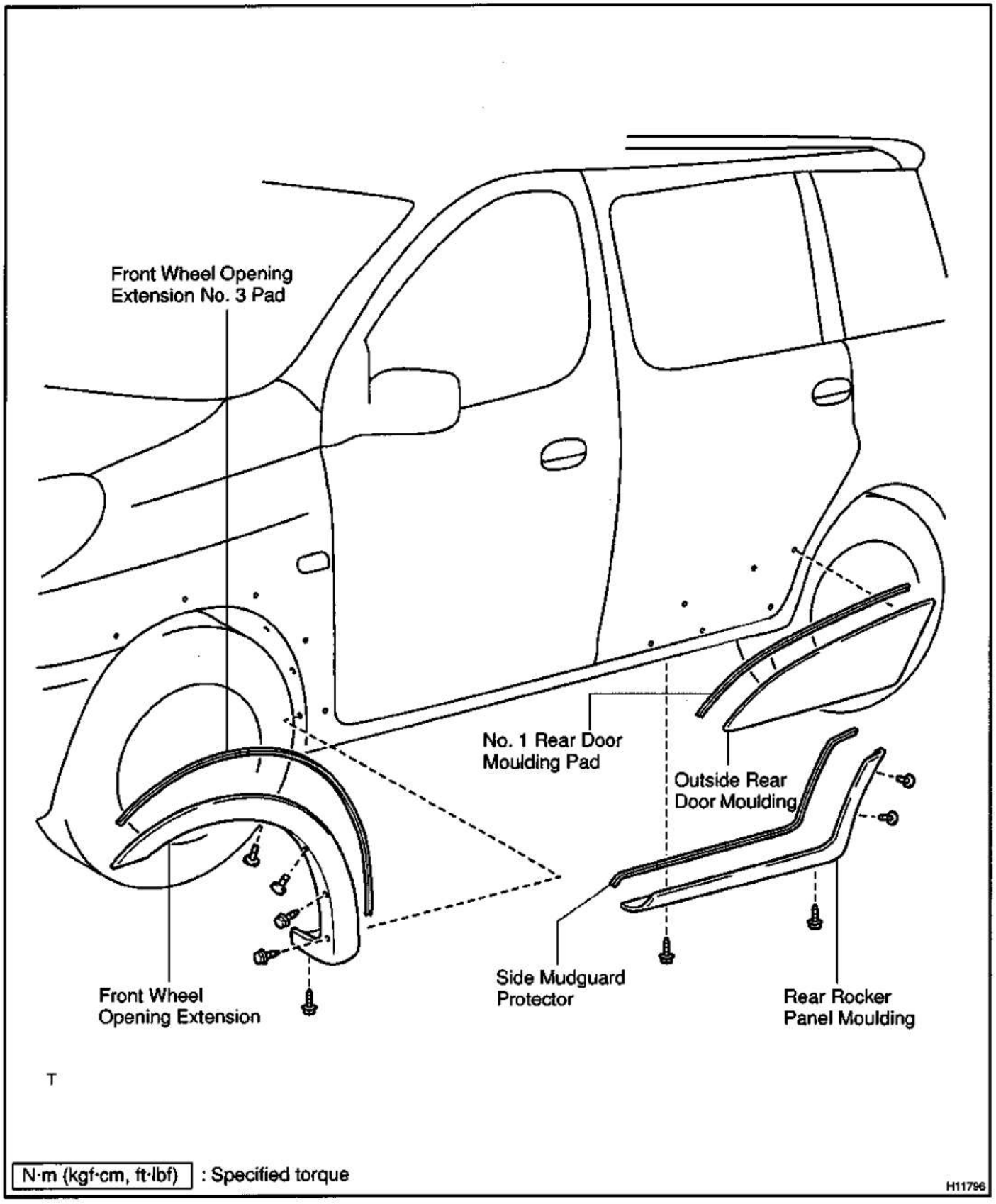
(d) Adjust the installation position of the wiper arm to the position shown in the illustration.

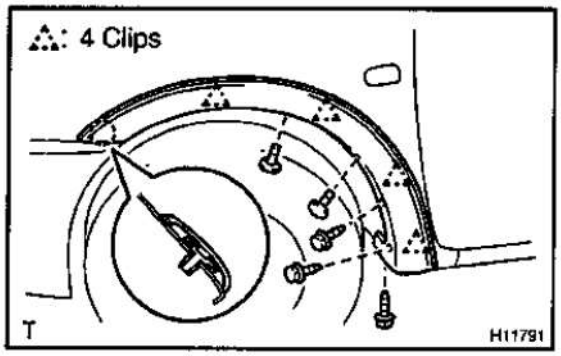
HINT:
Set the end of wiper arm on the ceramic line.

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

BODY OUTSIDE MOULDING

COMPONENTS





REMOVAL

1. REMOVE FRONT WHEEL OPENING EXTENSION

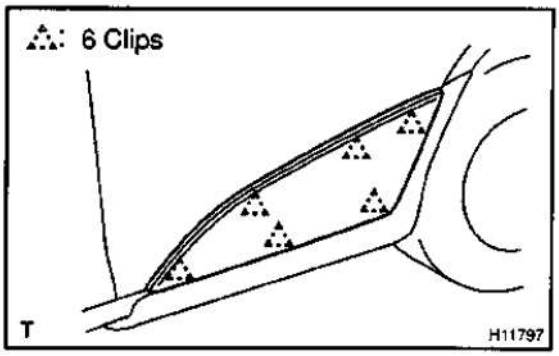
(a) Remove the 3 screws and 2 clips.

(b) Insert a screwdriver between the extension and body to remove the extension.

HINT:

Tape the screwdriver tip before use.

(c) Remove the front wheel opening extension No. 3 pad.



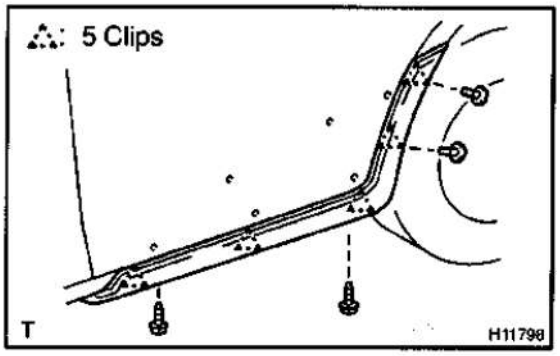
2. REMOVE OUTSIDE REAR DOOR MOULDING

(a) Insert a screwdriver between the moulding and rear door panel to remove the moulding.

HINT:

Tape the screwdriver tip before use.

(b) Remove the No. 1 rear door moulding pad.



3. REMOVE REAR ROCKER PANEL MOULDING

(a) Remove the 2 screws and 2 clips.

(b) Insert a screwdriver between the moulding and body to remove the moulding.

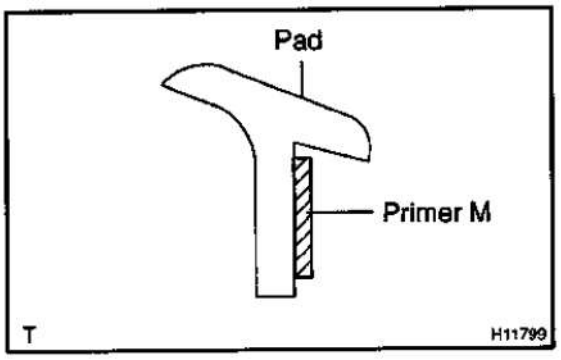
HINT:

Tape the screwdriver tip before use.

(c) Remove the side mudguard protector.

INSTALLATION

1. **CLEAN MOULDING**
2. **If reusing pad:**
   CLEAN PAD

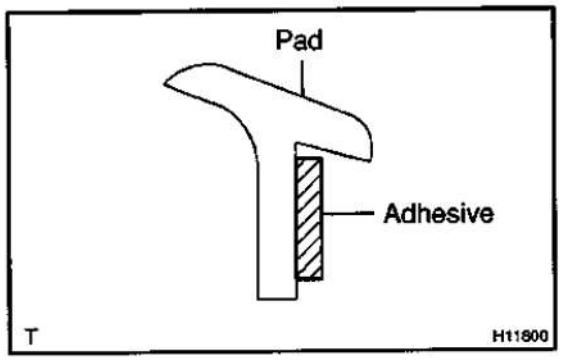


3. **APPLY ADHESIVE TAPE**

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

NOTICE:

- **Allow 3 minutes or more to dry the coated surface.**
- **Do not apply it to the adhesive tape.**
- **Do not keep any of the opened Primer M for later use.**



(b) Apply new adhesive tape to the pad as shown in the illustration.

4. **COAT CONTACT SURFACE OF MOULDING WITH PRIMER "M"**

Using a brush, coat the contact surface on the moulding with Primer M.

NOTICE:

- **Allow 3 minutes or more to dry the coated surface.**
- **Do not apply it to the adhesive tape.**
- **Do not keep any of the opened Primer M for later use.**

5. **INSTALL PAD**

(a) Using a heat light, heat the moulding and pad.

NOTICE:

Do not heat them excessively.

(b) Peel the release sheet from the face of pad.

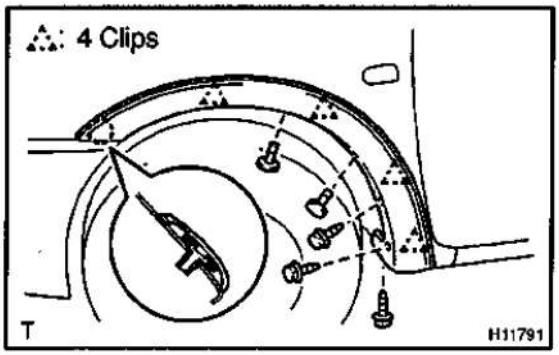
NOTICE:

When the release sheet is removed, make sure that no dirt or dust is stuck to the coated area.

(c) Push the pad to the moulding.

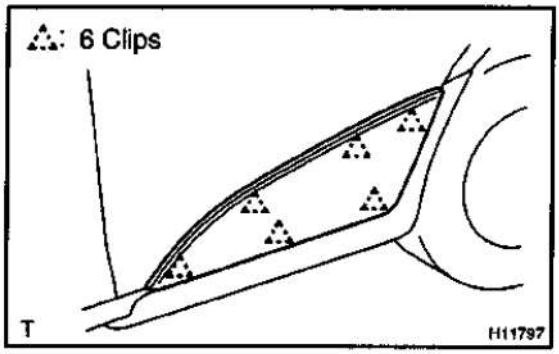
NOTICE:

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



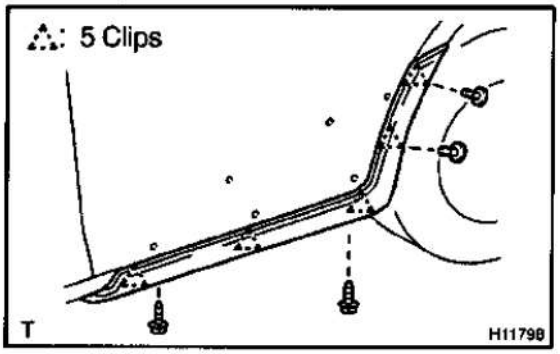
6. INSTALL FRONT WHEEL OPENING EXTENSION

Install the front wheel opening extension with the 3 screws and 2 clips.



7. INSTALL OUTSIDE REAR DOOR MOULDING

Install the outside rear door moulding to the rear door panel.

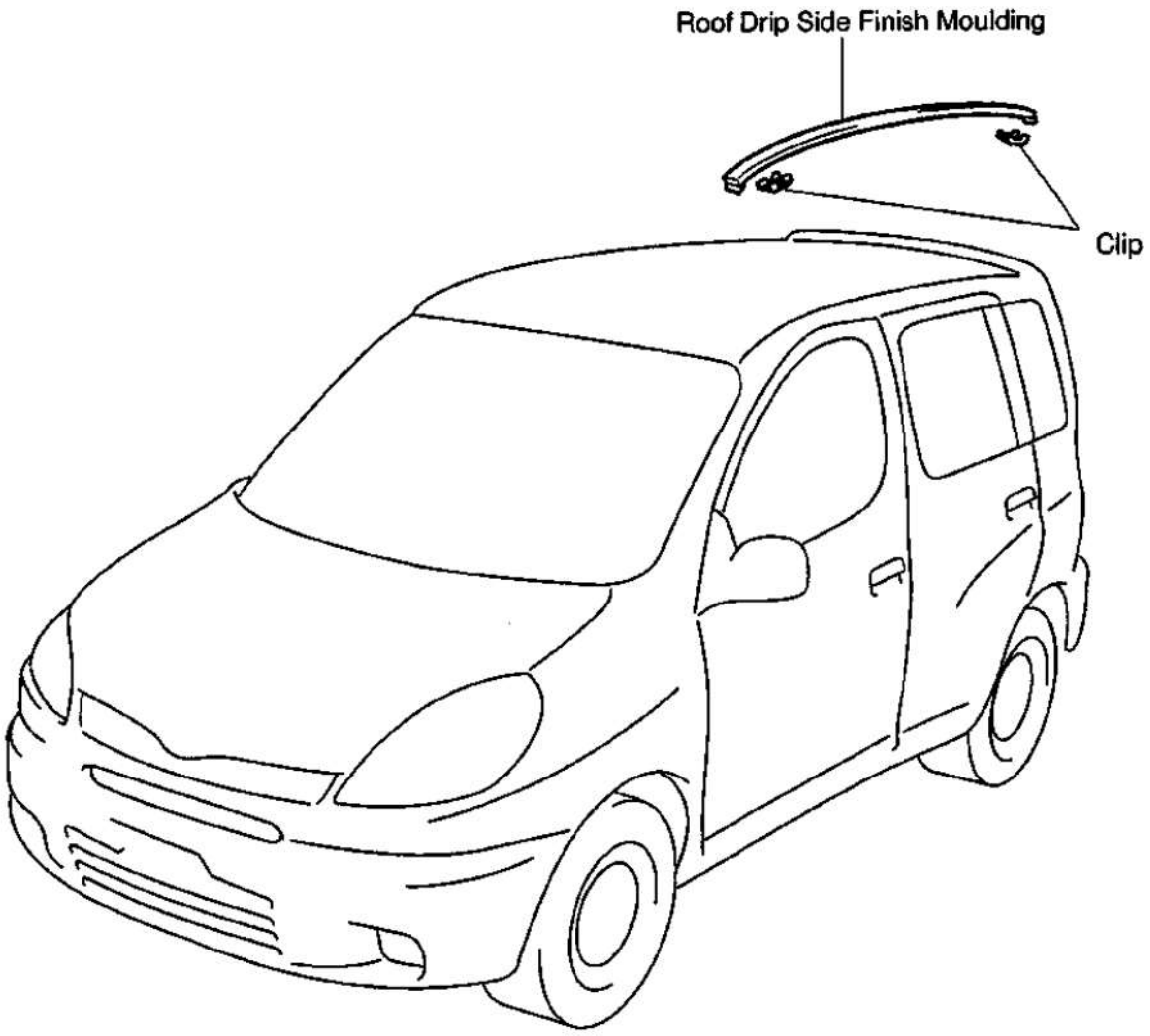


8. INSTALL REAR ROCKER PANEL MOULDING

Install the rear rocker panel moulding to the body with 2 screws and 2 clips.

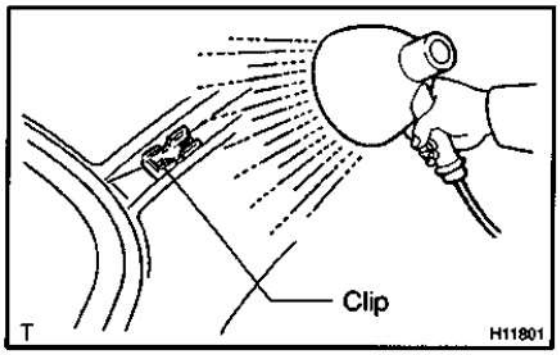
ROOF DRIP SIDE FINISH MOULDING

COMPONENTS



T

H11722



REMOVAL

1. **REMOVE ROOF DRIP SIDE FINISH MOULDING**
2. **REMOVE CLIP**

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

NOTICE:

Do not heat the clip excessively.

(b) Cut the adhesive tape.

NOTICE:

Do not damage the body.

(c) Remove the clip.

INSTALLATION

1. INSTALL ROOF DRIP SIDE FINISH CLIP

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

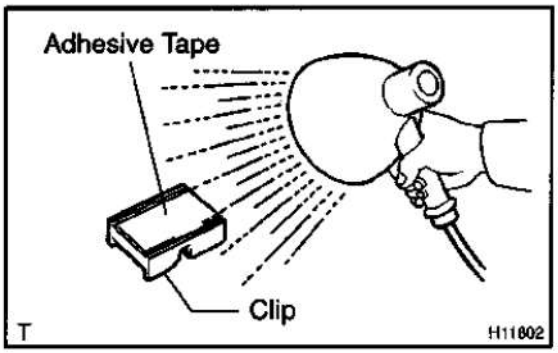
NOTICE:

Do not heat the clip excessively.

(b) Remove the adhesive tape from the body.

(c) Wipe off stains with cleaner.

(d) If reusing the clip:
Clean the clip.



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

(2) Remove the adhesive tape from the clip.

(3) Wipe off stains with cleaner.

(4) Apply new adhesive tapes to the clip as shown in the illustration.

(e) Using a heat light, heat the body and clip.
Body: 40 – 60 °C (104 – 140 °F)
Clip: 20 – 30 °C (68 – 86 °F)

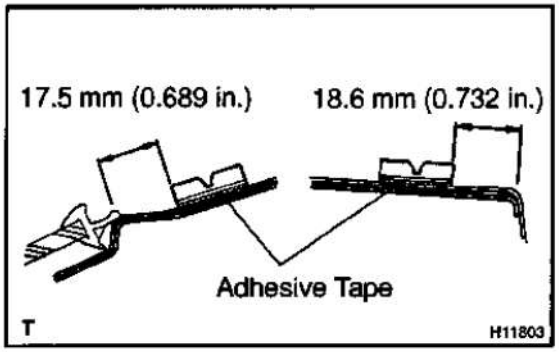
NOTICE:

Do not heat the clip excessively.

(f) Peel the release sheet from the face of adhesive tape.

NOTICE:

When the release sheet is removed, make sure that no dirt or dust is stuck to the coated area.



(g) Install the clip to the body.

NOTICE:

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

2. INSTALL ROOF DRIP SIDE FINISH MOULDING

Install the moulding to the body.

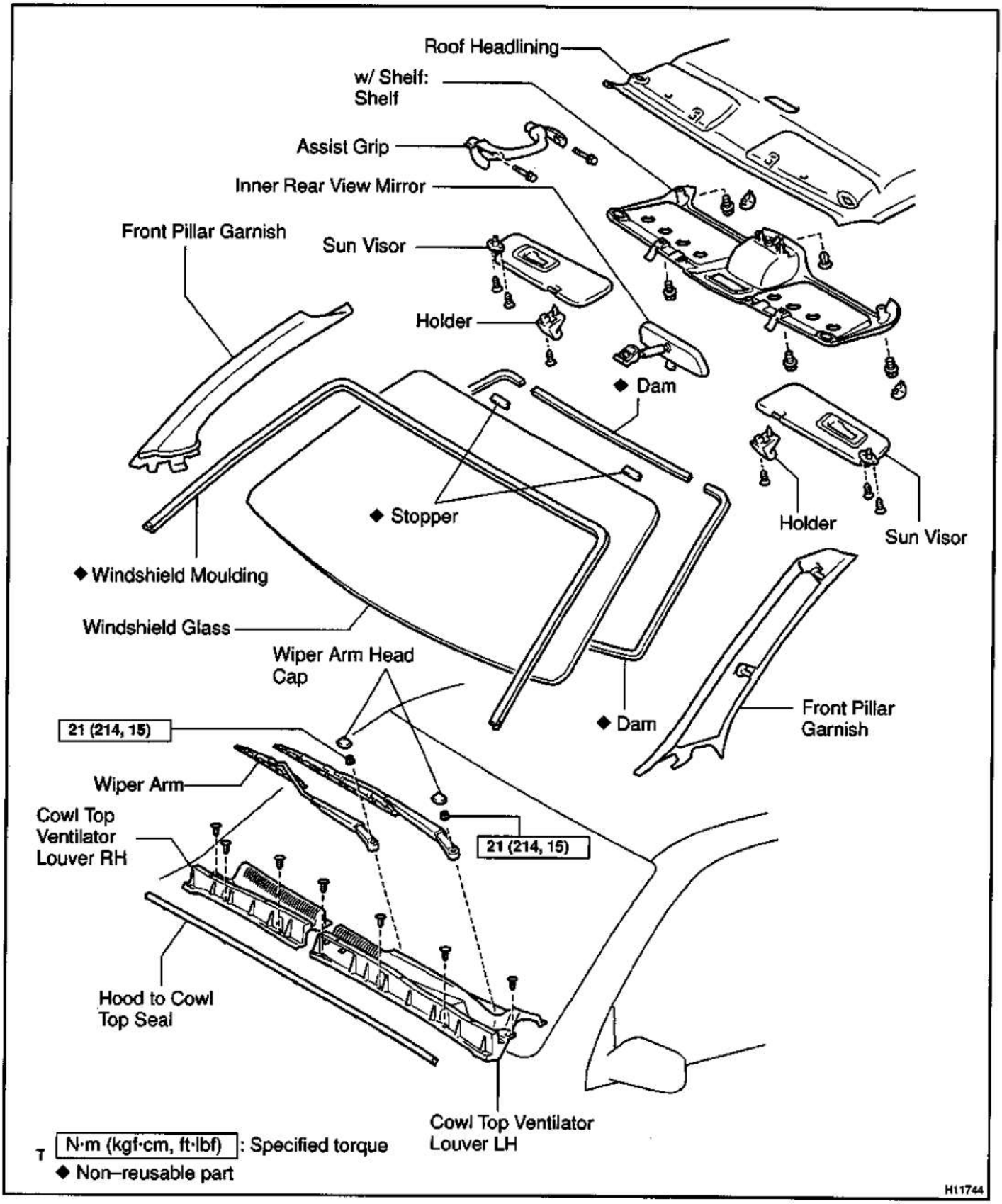
HINT:

Install the front and rear portion of the moulding to the clips.

WINDSHIELD

COMPONENTS

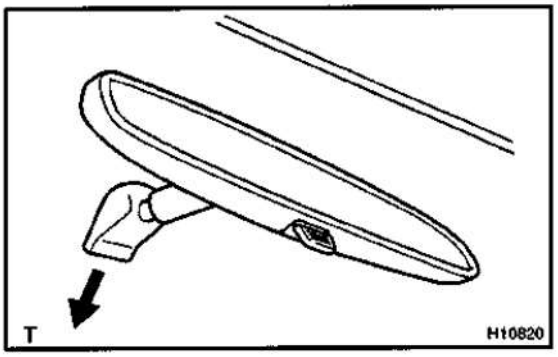
BO3C-02

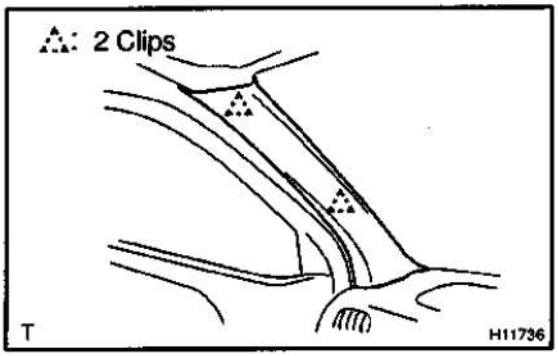


BO2IO-02

REMOVAL

1. **REMOVE INNER REAR VIEW MIRROR**
2. **REMOVE SUN VISORS AND HOLDERS**





3. **REMOVE FRONT PILLAR GARNISH**

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

HINT:

Tape the screwdriver tip before use.

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

4. **REMOVE WIPER ARMS**

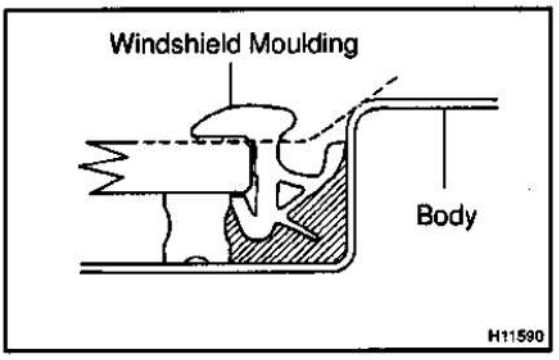
Remove the 2 wiper arm head caps, 2 nuts and 2 wiper arms.

5. **REMOVE COWL TOP VENTILATOR LOUVER**

(a) Remove the hood to cowl top seal.

(b) Remove the 7 clips, then pull out the cowl top ventilator louver RH and LH.

6. **REMOVE ASSIST GRIP**
7. **REMOVE FRONT SIDE OF ROOF HEADLINING**
(See page BO-98)



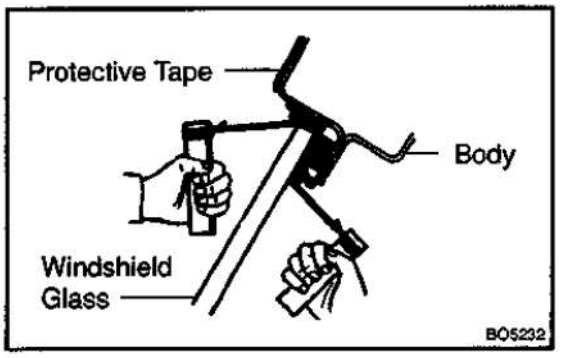
8. **REMOVE WINDSHIELD MOULDING**

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

NOTICE:

Do not damage the body with the knife.

(b) Remove the remaining moulding.



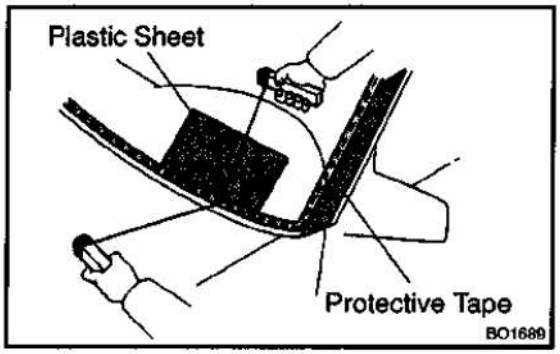
9. **REMOVE WINDSHIELD GLASS**

(a) Push piano wire between the body and glass from the interior.

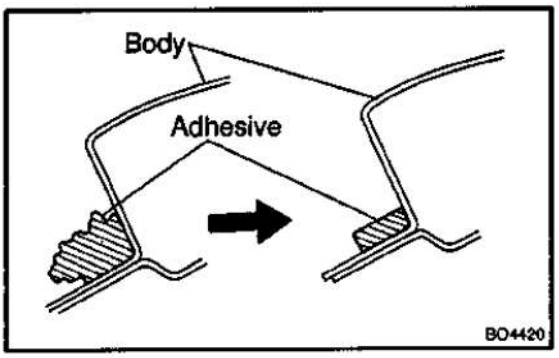
(b) Tie both ends of the wire to wooden blocks or similar objects.

HINT:

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



NOTICE:
When separating the glass, be careful not to damage the paint and interior and exterior ornaments. To prevent the safety pad from being scratched when removing the windshield, place a plastic sheet between the piano wire and safety pad.



INSTALLATION

1. CLEAN AND SHAPE CONTACT SURFACE OF BODY

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

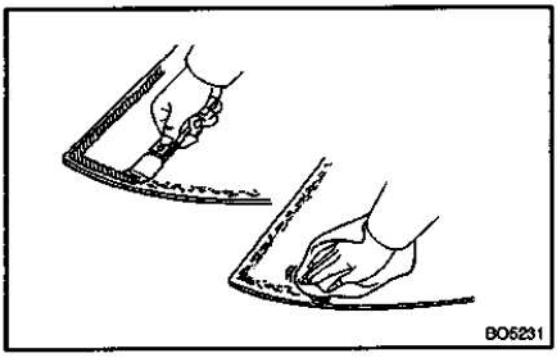
HINT:

Leave the adhesive on the body as much as possible.

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

HINT:

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



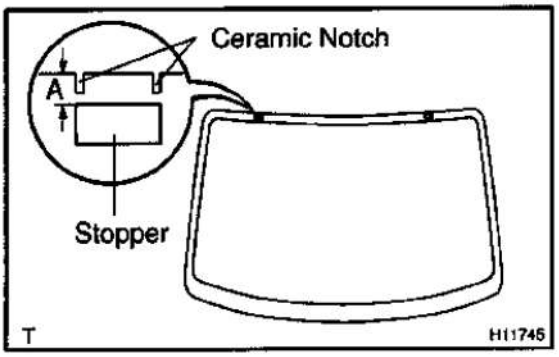
2. CLEAN REMOVED GLASS

(a) Using a scraper, remove the damaged stopper, dam and adhesive sticking to the glass.

(b) Clean the glass with cleaner.

NOTICE:

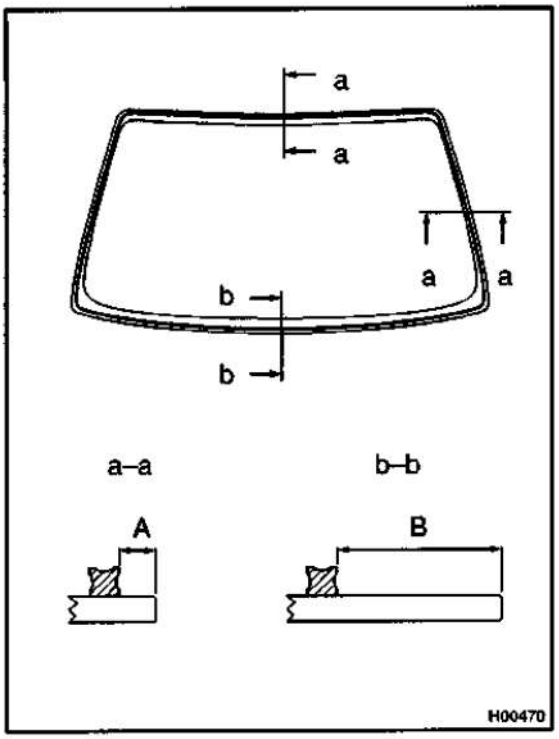
- **Do not touch the glass face after cleaning it.**
- **Be careful not to damage the glass.**



3. INSTALL NEW STOPPERS

Install new stoppers to the position on glass shown in the illustration.

A: 9.0 mm (0.354 in.)

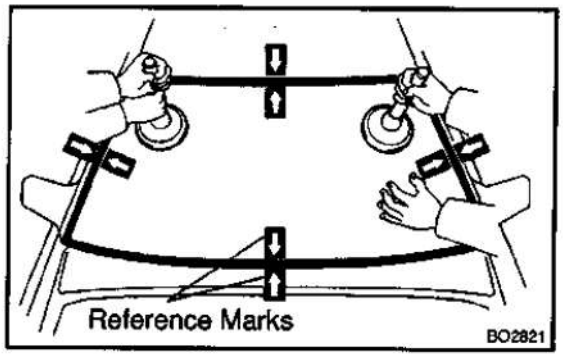


4. INSTALL NEW DAM

Install a new dam with adhesive tape as shown in the illustration.

A: 7.0 mm (0.276 in.)

B: 30.0 mm (1.181 in.)



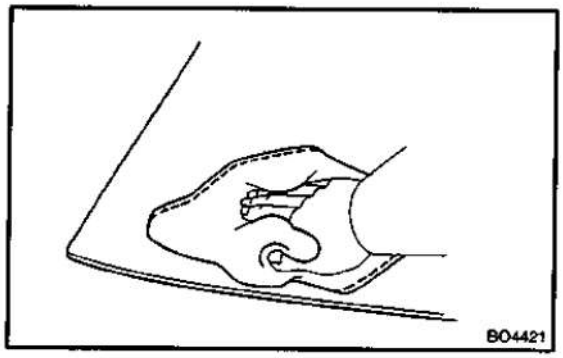
5. POSITION GLASS

(a) Using a suction rubber, place the glass in the correct position.

(b) Check that all contacting parts of the glass rim are set perfectly even.

(c) Place reference marks on both the glass and body.

(d) Remove the glass.

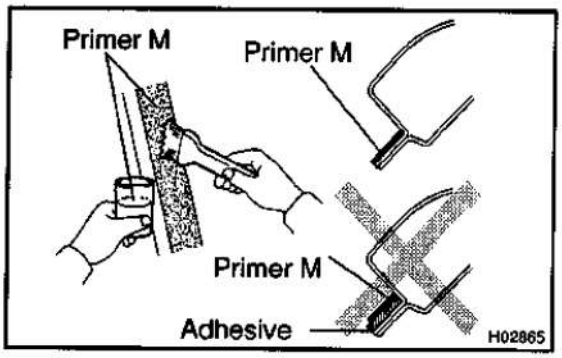


6. CLEAN CONTACT SURFACE OF GLASS

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

NOTICE:

Do not touch the glass face after cleaning it.

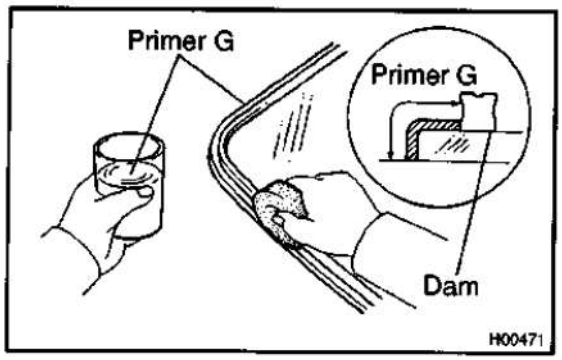


7. COAT CONTACT SURFACE OF BODY WITH PRIMER "M"

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

NOTICE:

- **Allow 3 minutes or more to dry the primer coated surface.**
- **Do not coat Primer M to the adhesive.**
- **Do not keep any of the opened Primer M for later use.**



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

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

(b) When the primer is applied to the area other than the specified by mistake, wipe it off with a clean shop rag before the primer dries.

NOTICE:

- **Allowe 3 minutes or more to dry the primer coated surface.**
- **Do not keep any of the opened Primer G for later use.**

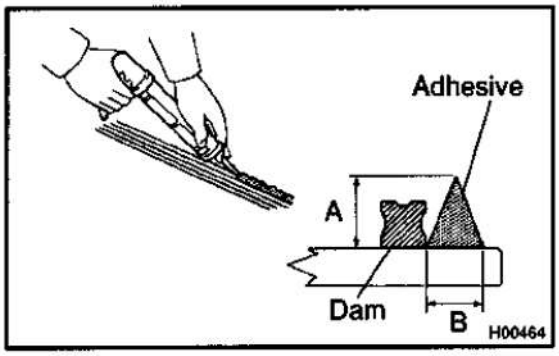
9. APPLY ADHESIVE

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

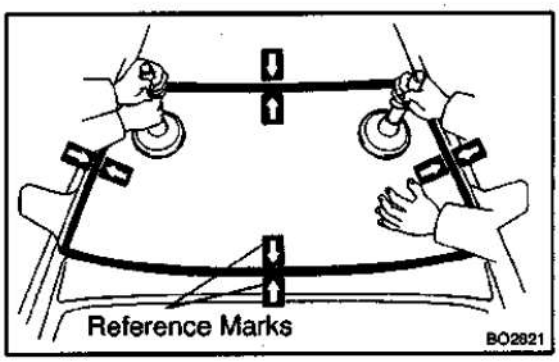
HINT:
After cutting off the tip, use all adhesive within the time described in the table below.

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: 12.5 mm (0.492 in.)
B: 8.0 mm (0.315 in.)

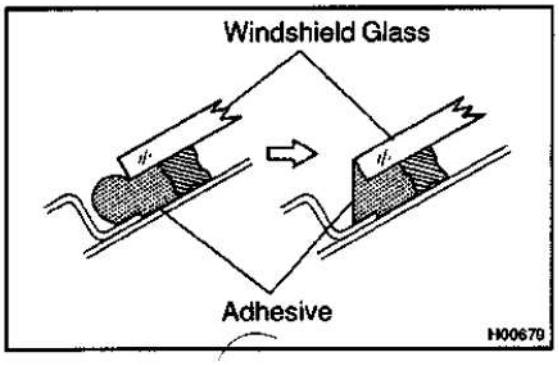


10. INSTALL WINDSHIELD GLASS AND MOULDING

(a) Install the glass, aligning the reference marks using a suction rubber.

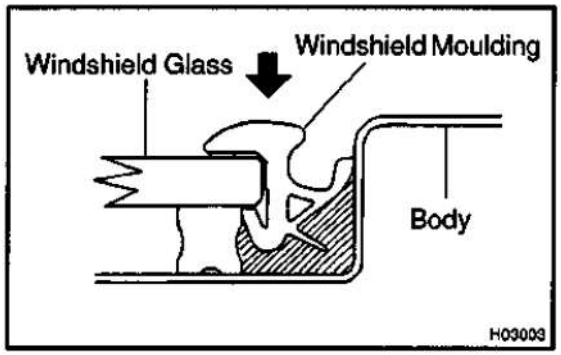
HINT:
Check to see that the stoppers are attached to the body correctly.

(b) Lightly press the glass front surface for close contact.



(c) Correct insufficient or protruded adhesive agent using a spatula.

HINT:
Apply the adhesive agent up to the windshield glass edge.



(d) Install a new windshield moulding to the windshield glass before the adhesive agent hardens.

HINT:

Install the moulding, aligning the center of moulding with the center of body.

(e) Remove any excessive adhesive agent before it hardens.

(f) Hold the glass and moulding in place securely with a protective tape or equivalent until the adhesive hardenes.

NOTICE:

Do not drive the vehicle during the time described in the table below.

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

11. INSPECT FOR LEAK AND REPAIR

NOTICE:

Conduct a leak test after the hardening time has elapsed.

12. INSTALL FRONT SIDE OF ROOF HEADLINING
(See page BO–102)

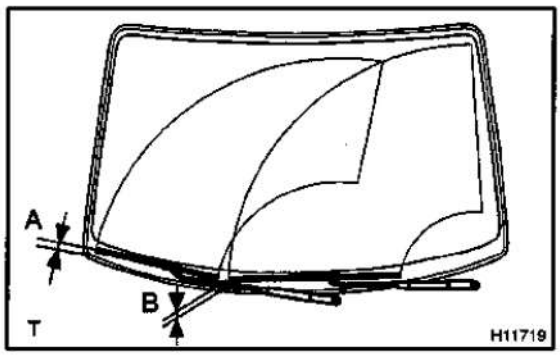
13. INSTALL ASSIST GRIP

14. INSTALL COWL TOP VENTILATOR LOUVERS AND HOOD TO COWL TOP SEAL

15. INSTALL WIPER ARMS

(a) Operate the wiper motor for one cycle.

(b) Install the wiper arms and tighten nuts by hand.



(c) Adjust the installation positions of the wiper arms to the positions shown in the illustration.
A: Approx. 20 mm (0.79 in.)
B: Approx. 25 mm (0.98 in.)

(d) Torque the nuts.
Torque: 21 N·m (214 kgf·cm, 15 ft·lbf)

(e) Install the 2 wiper arm head caps.

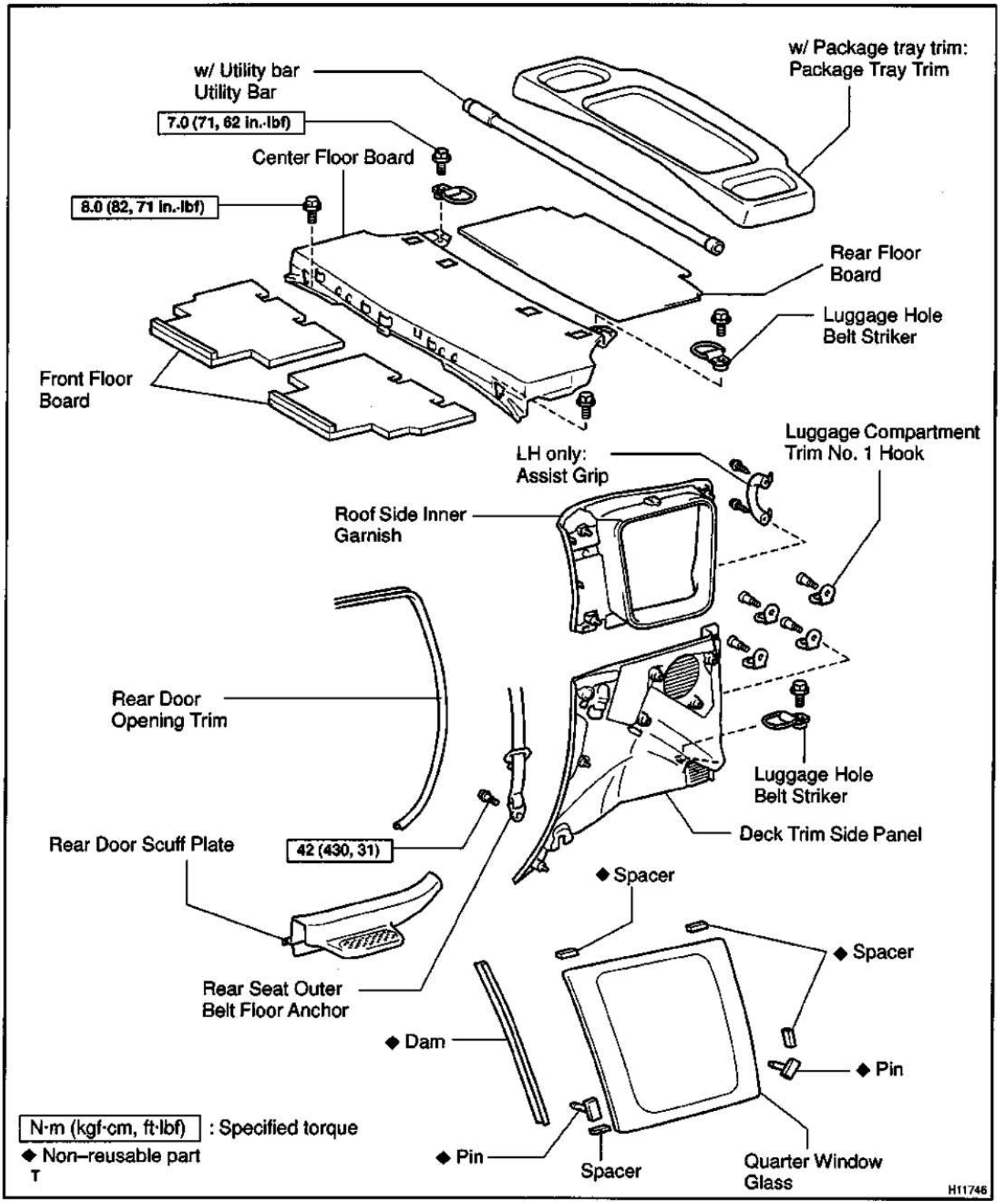
16. INSTALL FRONT PILLAR GARNISHES

17. INSTALL SUN VISORS AND HOLDERS

18. INSTALL INNER REAR VIEW MIRROR

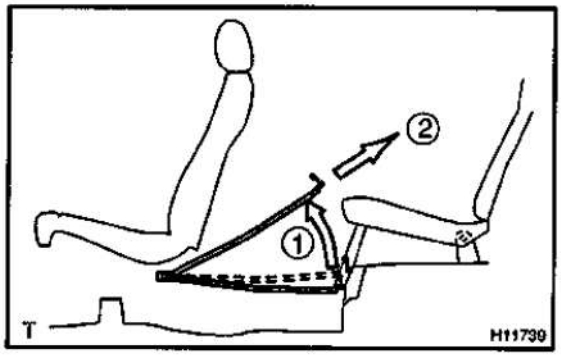
QUARTER WINDOW GLASS

COMPONENTS



BO3QY-01

REMOVAL



1. REMOVE FRONT FLOOR BOARD

(a) Slide the front seat to the frontmost position.

(b) Remove the floor board as shown in the illustration.

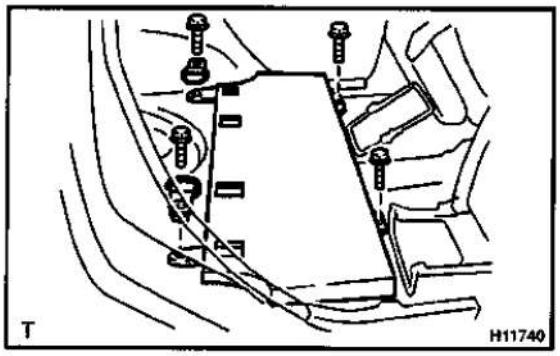
2. REMOVE REAR DOOR SCUFF PLATE

3. REMOVE REAR DOOR OPENING TRIM

4. w/ Package tray trim:
REMOVE PACKAGE TRAY TRIM

5. w/ Utility bar:
REMOVE UTILITY BAR

6. REMOVE REAR FLOOR BOARD

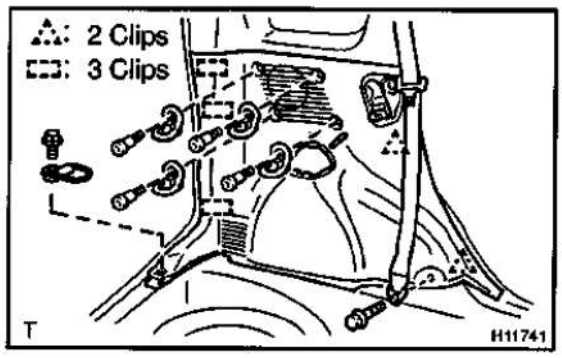


7. REMOVE CENTER FLOOR BOARD

(a) Fold the rear seatback down.

(b) Unlock the seat lock, and swing up the whole seat forward.

(c) Remove the 4 bolts, 2 strikers and center floor board.



8. REMOVE DECK TRIM SIDE PANEL

(a) Remove the bolt and rear seat outer belt floor anchor.

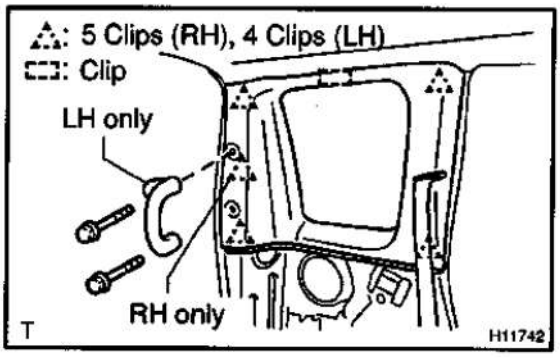
(b) Remove the 4 bolts and 4 luggage hole belt strikers.

(c) RH only:
Disconnect the connector.

(d) Using a screwdriver, remove the deck trim side panel.

HINT:

Tape the screwdriver tip before use.



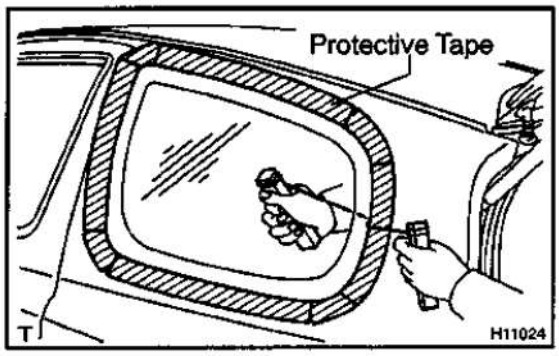
9. REMOVE ROOF SIDE INNER GARNISH

(a) LH side:
Remove the 2 screws and assist grip.

(b) Insert a screwdriver between the roof side inner garnish and body to pry the roof side inner garnish out.

HINT:

- Tape the screwdriver tip before use.
- Let the rear seat outer floor anchor pass through the roof side inner garnish hole to remove the garnish.



10. REMOVE QUARTER WINDOW GLASS

(a) Insert a piano wire from the interior and let it pas through.

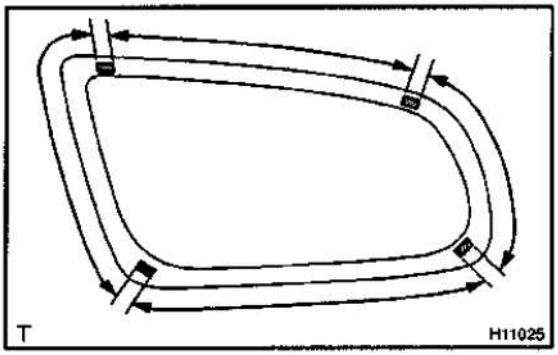
(b) Tie both ends of the wire to wooden blocks or similar objects.

HINT:

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

NOTICE:

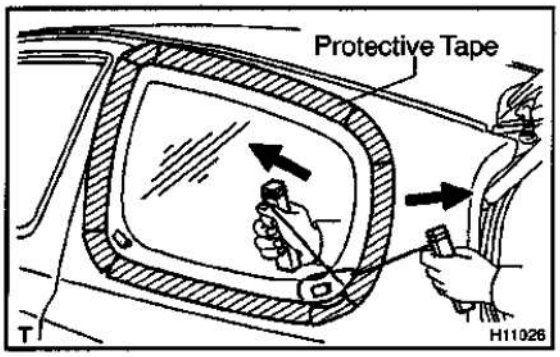
When separating the glass, take care not to damage the paint and exterior.



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

HINT:

Cut the adhesive in the area shown in the illustration, leaving the adhesive positioned in the place where the spacers are set.



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

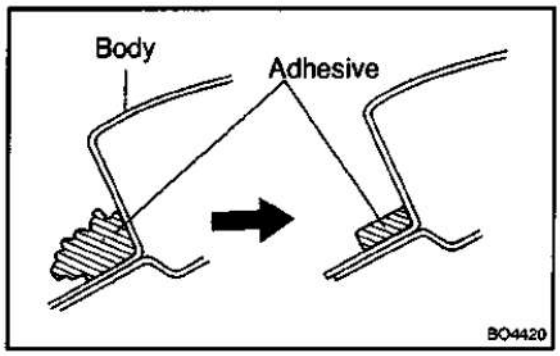
(e) Remove the glass.

NOTICE:

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

BO3QZ-01

INSTALLATION



1. CLEAN AND SHAPE CONTACT SURFACE OF BODY PANEL

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

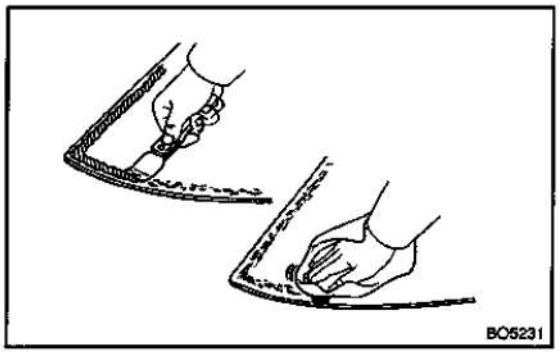
HINT:

Leave the adhesive on the body as much as possible.

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

HINT:

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



2. CLEAN REMOVED GLASS

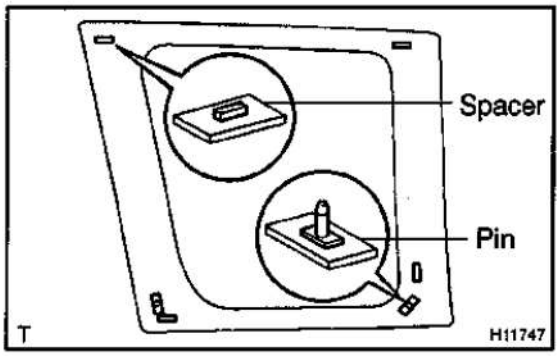
(a) Remove the damaged spacers and pins.

(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.**
- **Be careful not to damage the glass.**



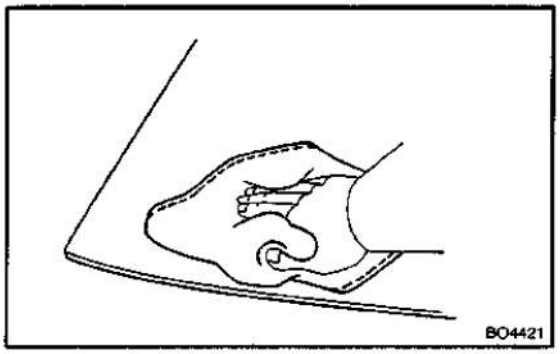
3. INSTALL NEW SPACERS AND PINS

(a) Once place new pins and spacers to the body.

(b) Peel the release sheets from adhesive tapes.

(c) Set the glass in correct position.

(d) Remove the glass.

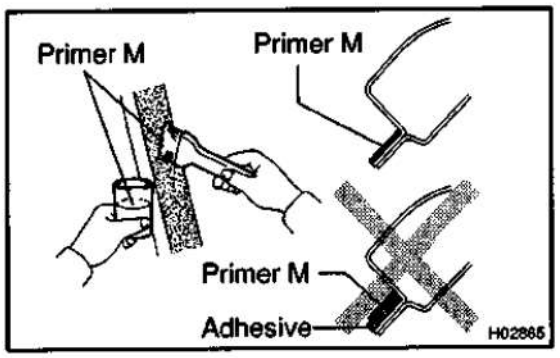


4. CLEAN CONTACT SURFACE OF GLASS

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

NOTICE:

Do not touch the glass face after cleaning it.

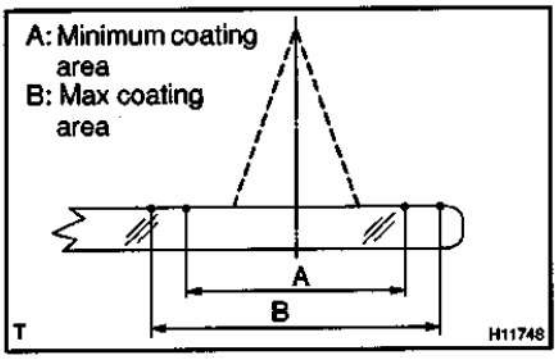


5. COAT CONTACT SURFACE OF BODY WITH PRIMER "M"

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

NOTICE:

- **Allow 3 minutes or more to dry the primer coated surface.**
- **Do not apply Primer M to the adhesive.**
- **Do not keep any of the opened Primer M for later use.**



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

(a) Using a brush or sponge, coat the edge of the glass and the contact surface with Primer G as shown in the illustration.
A: 14 mm (0.55 in.)
B: 19 mm (0.75 in.)

(b) When the primer is applied to the area other than the specified by mistake, wipe it off with a clean shop rag before the primer dries.

NOTICE:

- **Allow 3 minutes or more to dry the primer coated surface.**
- **Do not keep any of the opened Primer G for later use.**

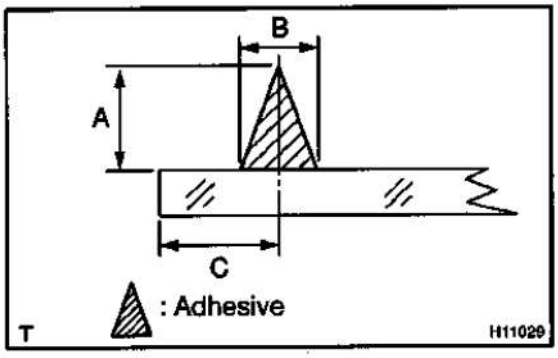
7. APPLY ADHESIVE

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

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

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

(b) Load the cartridge into the sealer gun.



(c) Coat the glass with adhesive as shown in the illustration.
A: 12.0 mm (0.472 in.)
B: 8.0 mm (0.315 in.)
C: 11.5 mm (0.453 in.)

8. INSTALL GLASS

(a) Install glass to the body.

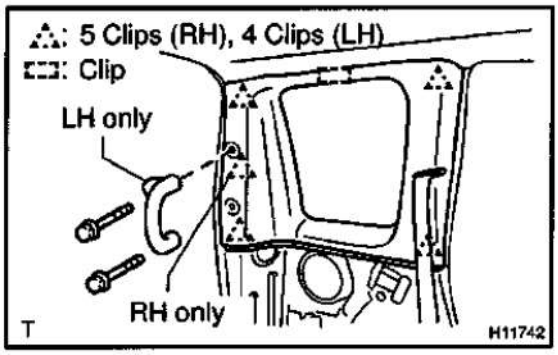
(b) Hold the glass in place securely with a protective tape or equivalent until the adhesive hardens.

NOTICE:
Do not drive the vehicle during the time described in the table below.

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

9. INSPECT FOR LEAKS AND REPAIR

NOTICE:
Conduct a leak test after the hardening time has elapsed.

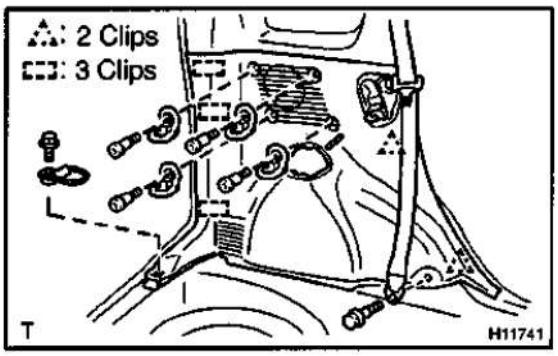


10. INSTALL ROOF SIDE INNER GARNISH

(a) Install the roof side inner garnish to the body.

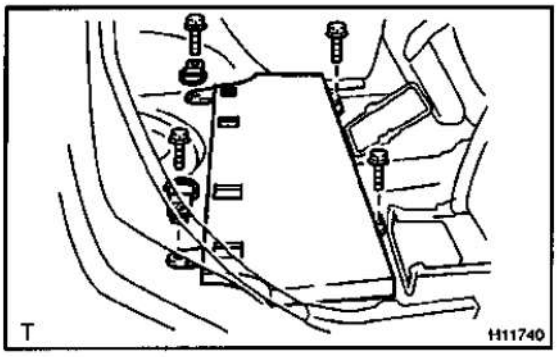
HINT:
Let the rear seat outer belt floor anchor pass through the roof side inner garnish to install the garnish.

(b) LH side:
Install the assist grip with 2 screws.



11. INSTALL DECK TRIM SIDE PANEL

(a) RH side:
Connect the connector.
(b) Install the deck trim side panel with the 4 bolts.
(c) Install the luggage hole belt striker with the bolt.
(d) Install the rear seat outer belt floor anchor with the bolt.
Torque: 42 N·m (430 kgf·cm, 31 ft·lbf)



12. INSTALL CENTER FLOOR BOARD

Install the center floor board with the 2 striker and 4 bolts.
Torque: 7.0 N·m (71 kgf·cm, 62 in.·lbf)

13. INSTALL REAR FLOOR BOARD

14. w/ Utility bar:
INSTALL UTILITY BAR

15. w/ Package tray trim:
INSTALL PACKAGE TRAY TRIM

16. INSTALL REAR DOOR OPENING TRIM

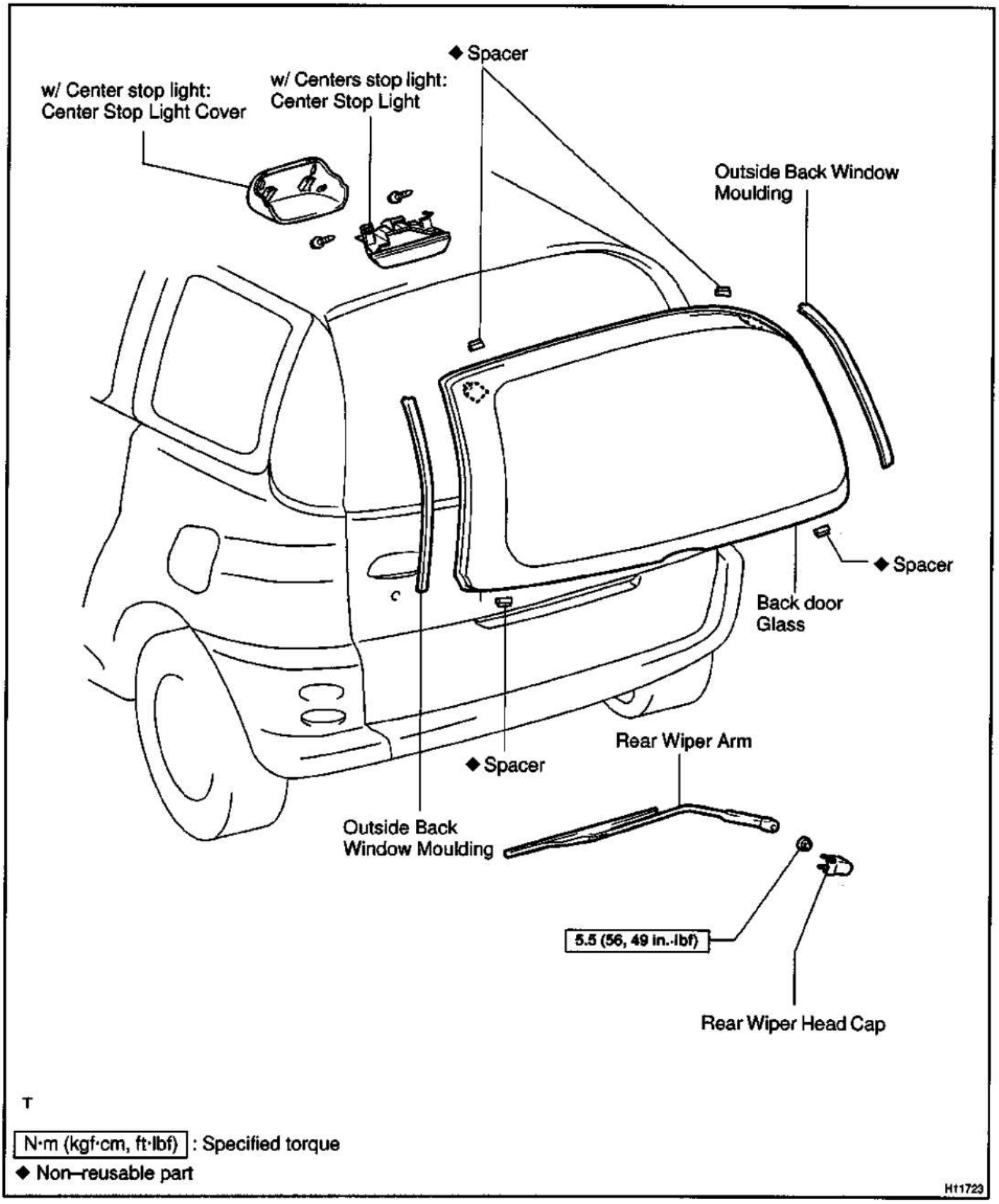
17. INSTALL REAR DOOR SCUFF PLATE

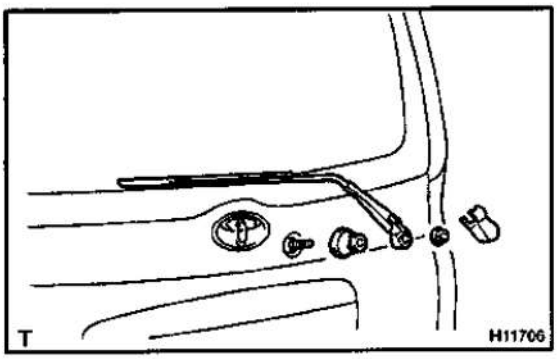
18. INSTALL FRONT FLOOR BOARD

BACK DOOR GLASS

COMPONENTS

BO2GU-02





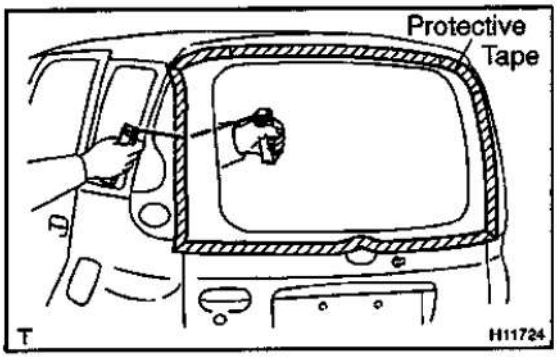
REMOVAL

1. REMOVE REAR WIPER ARM

(a) Remove the rear wiper head cap.

(b) Remove the nut and rear wiper arm.

2. w/ High-mounted stop light:
REMOVE HIGH-MOUNTED STOP LIGHT



3. REMOVE BACK DOOR GLASS

(a) Disconnect the connector.

(b) Insert a piano wire from the interior and let it pass through.

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

NOTICE:

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

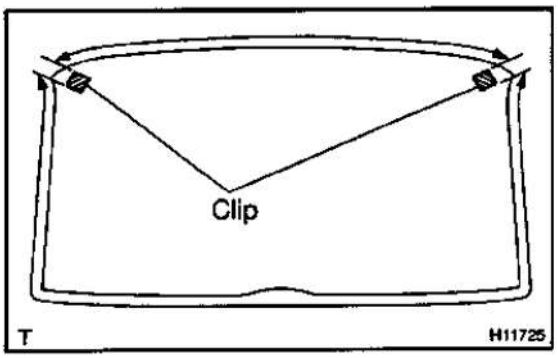
HINT:

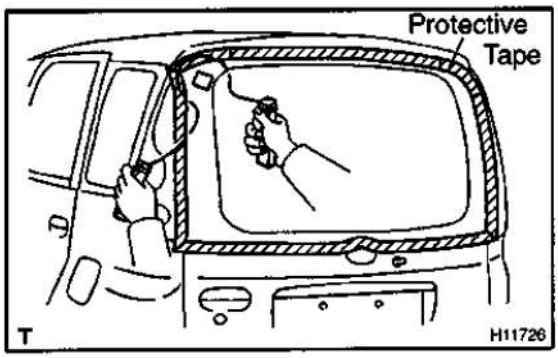
Apply protective tape to the outer surface to keep it from being scratched.

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

HINT:

Cut the adhesive in the area shown in the illustration, leaving the adhesive positioned in the place where the clips are set.





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

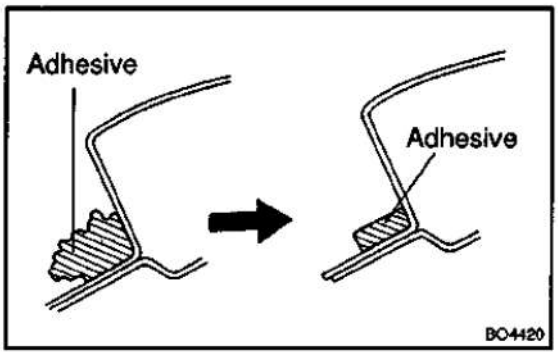
NOTICE:

Do not damage the glass retainers.

(f) Remove the glass.

NOTICE:

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



INSTALLATION

1. CLEAN AND SHAPE CONTACT SURFACE OF BODY

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

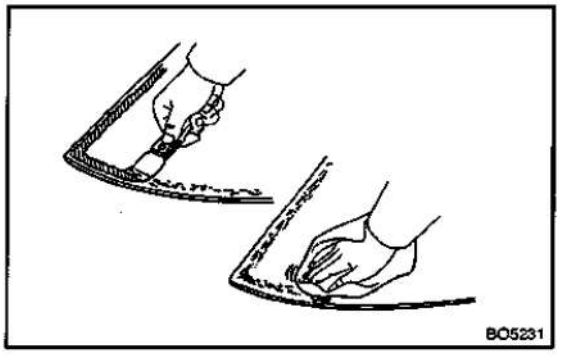
HINT:

Leave the adhesive on the body as much as possible.

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

HINT:

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



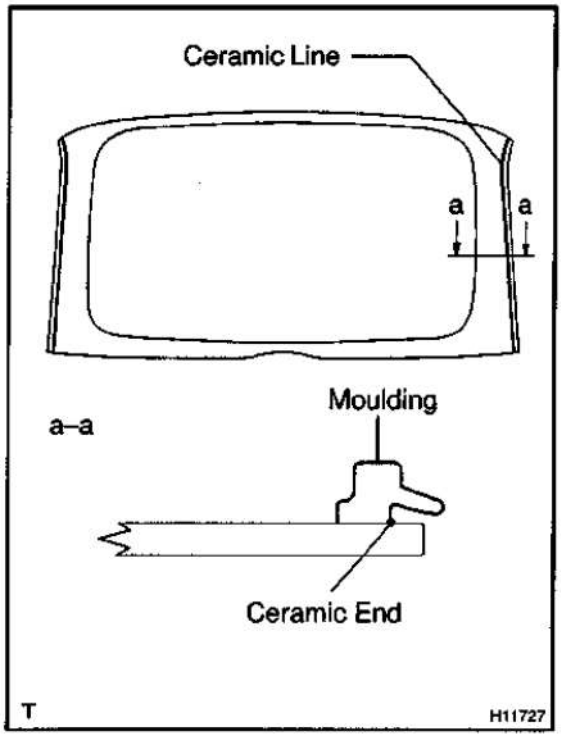
2. CLEAN REMOVED GLASS

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

(b) Clean the glass with cleaner.

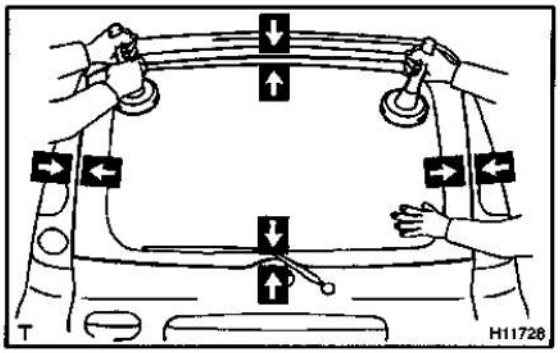
NOTICE:

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



3. INSTALL NEW OUTSIDE BACK WINDOW MOULDING

Install new back window moulding with adhesive tape as shown in the illustration.



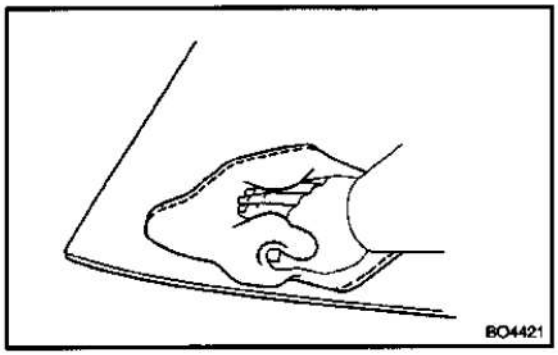
4. POSITION GLASS

(a) Using a suction rubber, place the glass in correct position.

(b) Check that all contacting parts of the glass rim are set perfectly even.

(c) Place reference marks on both the glass and body.

(d) Remove the glass.

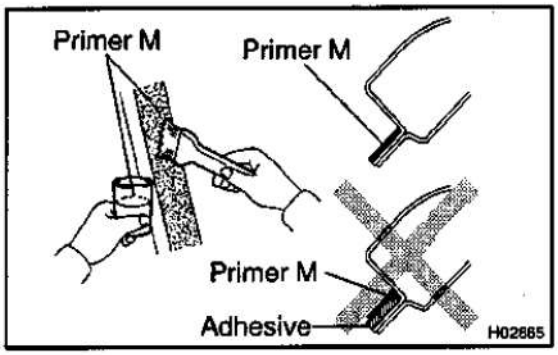


5. CLEAN CONTACT SURFACE OF GLASS

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

NOTICE:

Do not touch the glass face after cleaning it.

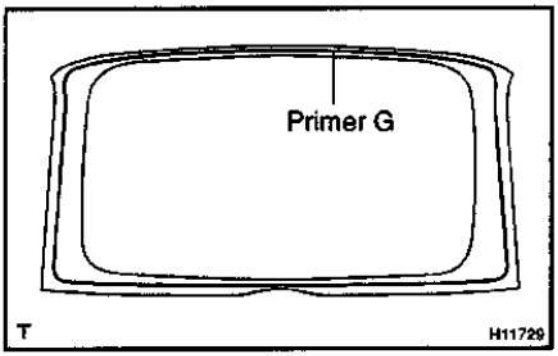


6. COAT CONTACT SURFACE OF BODY WITH PRIMER "M"

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

NOTICE:

- **Allow 3 minutes or more to dry the primer coated surface.**
- **Do not apply Primer M to the adhesive.**
- **Do not keep any of the opened Primer M for later use.**



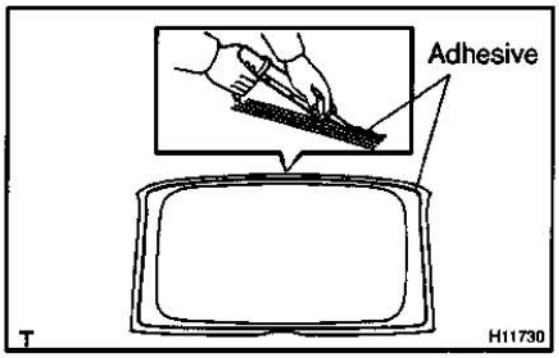
7. COAT CONTACT SURFACE OF GLASS WITH PRIMER "G"

(a) Using a brush or sponge, coat the edge of the glass and the contact surface with Primer G as shown in the illustration.

(b) When the primer is applied to the area other than the specified by mistake, wipe it off with a clean shop rag before the primer dries.

NOTICE:

- **Allow 3 minutes or more to dry the primer coated surface.**
- **Do not keep any of the opened Primer G for later use.**



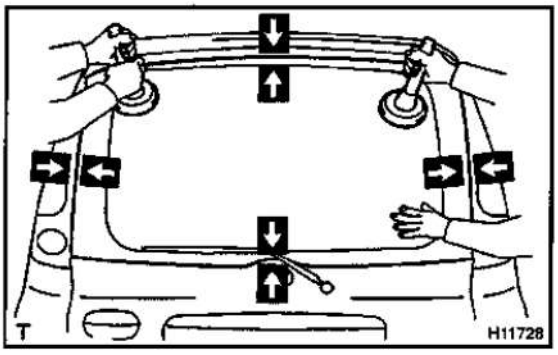
8. APPLY ADHESIVE

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

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

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

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



9. INSTALL GLASS

(a) Position the glass so that the reference marks are lined up, and press it gently along the rim.

HINT:
Confirm that the moulding is attached to the body panel.

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

NOTICE:
Do not drive the vehicle during the time described in the table below.

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

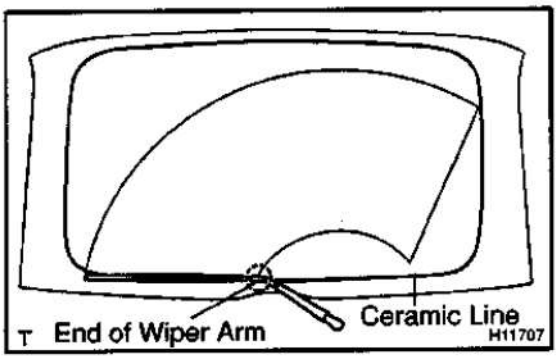
10. INSPECT FOR LEAKS AND REPAIR

NOTICE:
Conduct a leak test after the hardening time has elapsed.

11. w/ High–mounted stop light:
INSTALL HIGH–MOUNTED STOP LIGHT

12. INSTALL REAR WIPER ARM

(a) Install the grommet.
(b) Operate the wiper for one cycle.
(c) Install the rear wiper arm and tighten the nut by hand.



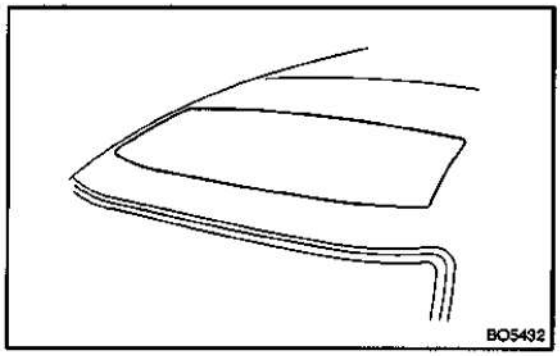
(d) Adjust the installation position of the wiper arm to the position shown in the illustration.

HINT:

Set the end of wiper arm on the ceramic line.

(e) Tighten the nut.

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



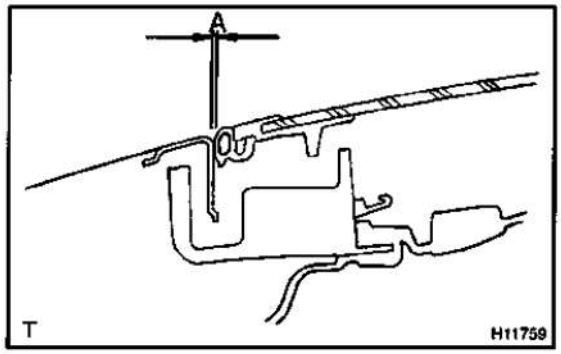
TILT MOON ROOF

ON–VEHICLE INSPECTION

BO2RM-01

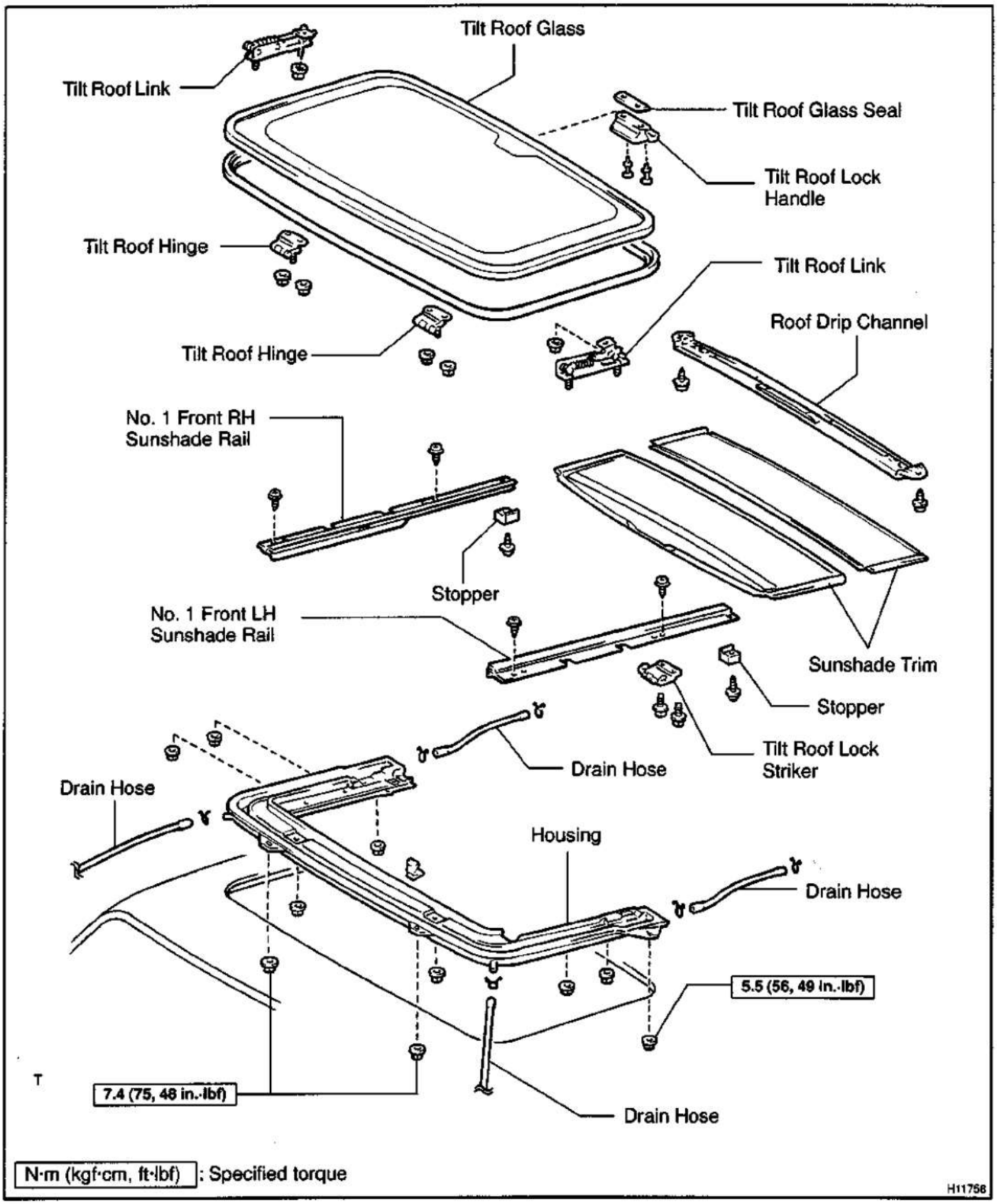
INSPECT TILT MOON ROOF ALIGNMENT

(a) With the tilt moon roof fully closed, check for water leakage.



(b) Check for a difference in clearance between the tilt moon roof and body.
A: 1.2 mm (0.047 in.)

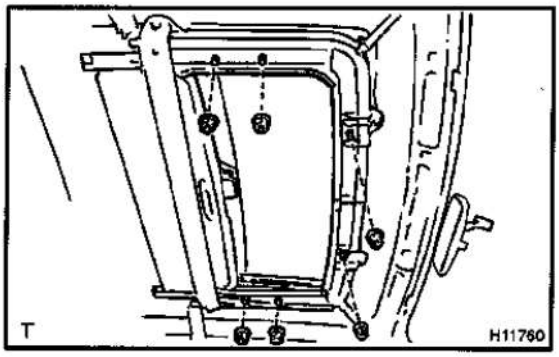
COMPONENTS


Tilt Roof Glass
Tilt Roof Link
Tilt Roof Glass Seal
Tilt Roof Lock Handle
Tilt Roof Hinge
Tilt Roof Link
Roof Drip Channel
Tilt Roof Hinge
No. 1 Front RH Sunshade Rail
Stopper
No. 1 Front LH Sunshade Rail
Sunshade Trim
Stopper
Tilt Roof Lock Striker
Drain Hose
Drain Hose
Housing
Drain Hose
5.5 (56, 49 in.-lbf)
T
7.4 (75, 48 in.-lbf)
Drain Hose
N·m (kgf·cm, ft·lbf) : Specified torque
H11758

BO2RO-01

REMOVAL

1. **REMOVE ROOF HEADLINING (See page BO–98)**



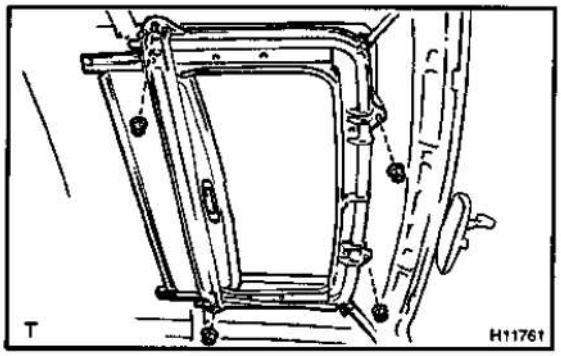
2. **REMOVE TILT ROOF GLASS**

With the tilt moon roof fully opened, remove the 4 nuts and tilt roof glass.

Torque: 7.4 N·m (75 kgf·cm, 48 in.·lbf)

3. **REMOVE TILT ROOF LINK**

Remove the 2 nuts and 2 tilt roof links from the tilt roof glass.

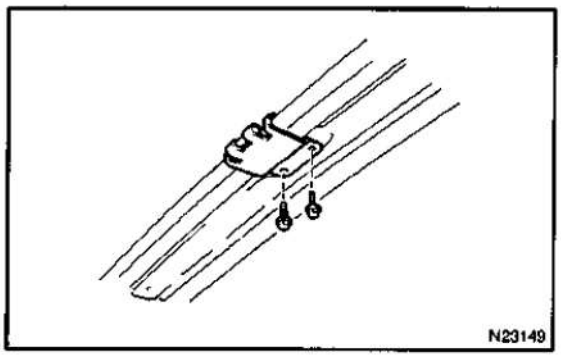


4. **REMOVE TILT ROOF HOUSING**

(a) Disconnect the 4 drain hoses from the tilt roof housing.

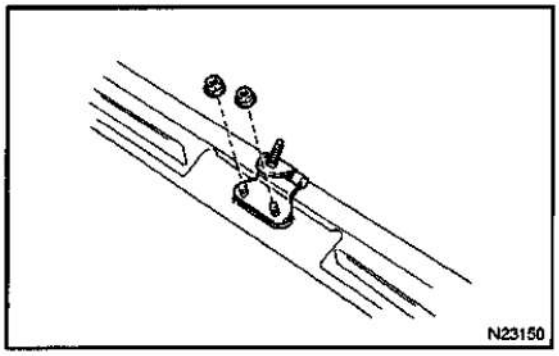
(b) Remove the 4 nuts and tilt roof housing.

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



5. **REMOVE TILT ROOF LOCK STRIKER**

Remove the 2 bolts and lock striker.

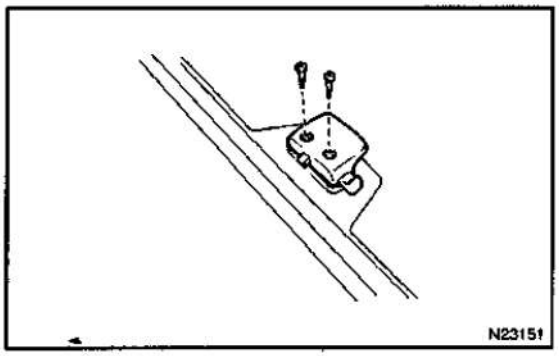


DISASSEMBLY

1. REMOVE TILT ROOF HINGE

(a) Remove the 2 nuts and hinge from the tilt roof glass.

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



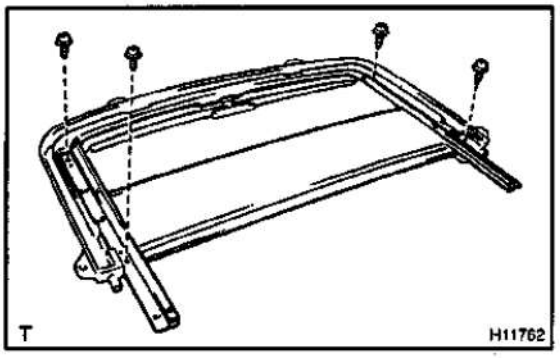
2. REMOVE TILT ROOF LOCK HANDLE

(a) Remove the 2 screws and lock handle from the tilt roof glass.

(b) Remove the tilt roof glass seal.

3. REMOVE ROOF DRIP CHANNEL

4. REMOVE STOPPERS



5. REMOVE NO. 1 FRONT SUNSHADE RAILS AND SUNSHADE TRIMS

Remove the 4 screws, sunshade No. 1 front rails and 2 sunshade trims.

BO2RQ-01

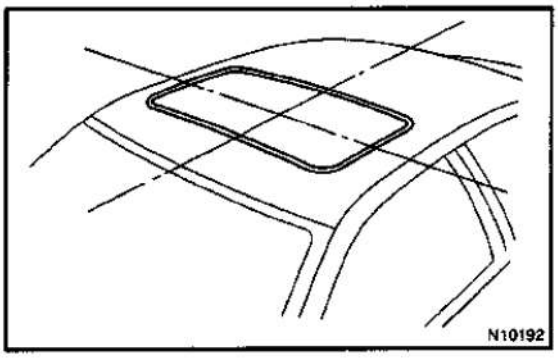
REASSEMBLY

Reassembly is in the reverse order of disassembly (See page BO–72).

BO2RR-01

INSTALLATION

Installation is in the reverse order of removal (See page BO–71).



SLIDING ROOF

ON–VEHICLE INSPECTION

BO3GX-02

INSPECT SLIDING ROOF GLASS ALIGNMENT

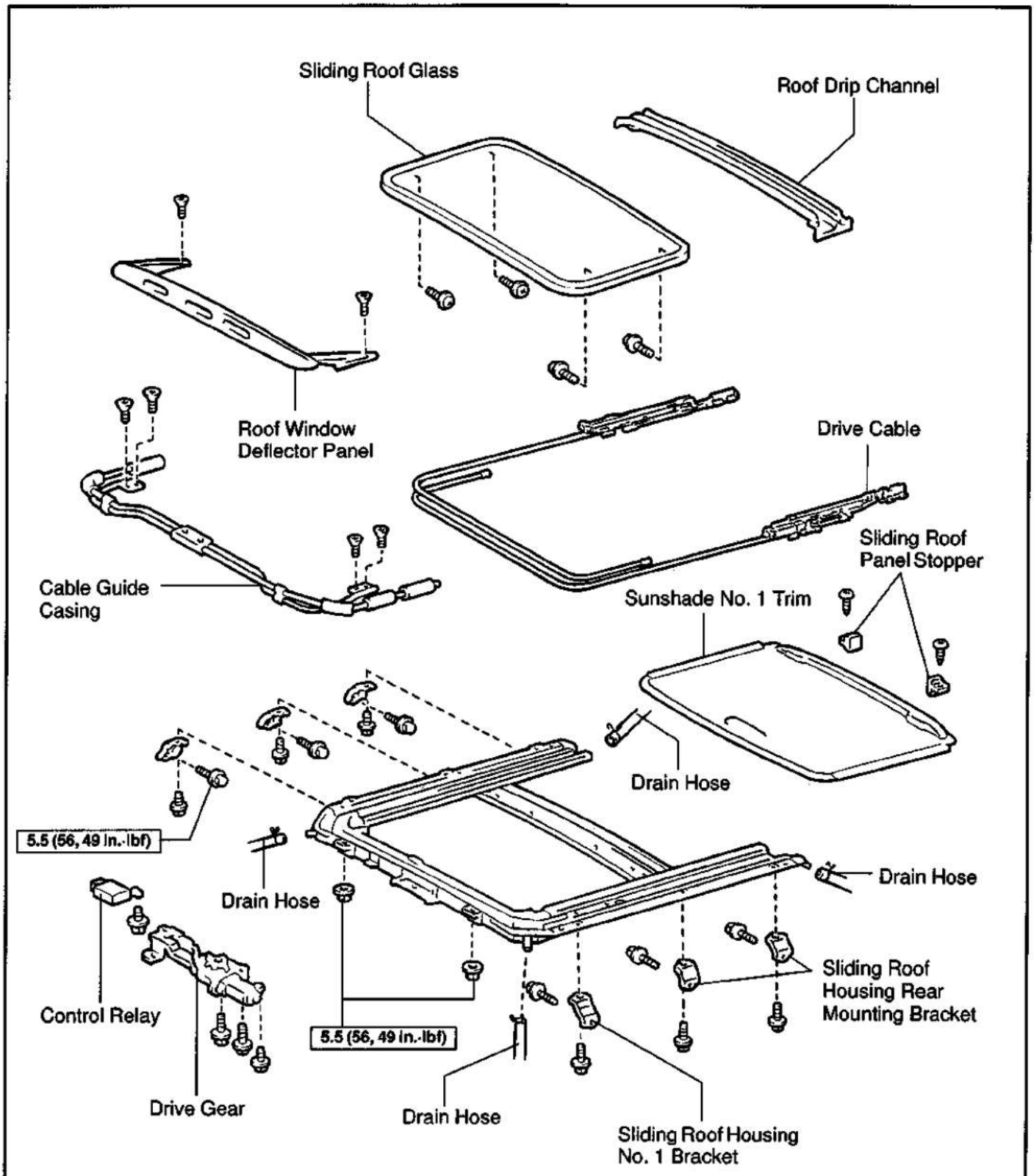
(a) Start the engine and check the operation time of the sliding roof.
Operation time:
Approx. 6 sec.

(b) Check for abnormal noise or binding during operation.

(c) With the sliding roof fully closed, check for water leakage.

(d) Check for a difference in level between the sliding roof weatherstrip and roof panel.
Front end:
0 + 1.5 mm (0 + 0.059 in.)
0 – 1.0 mm (0 – 0.039 in.)
Side end:
0 ± 1.5 mm (0 ± 0.059 in.)

COMPONENTS



T

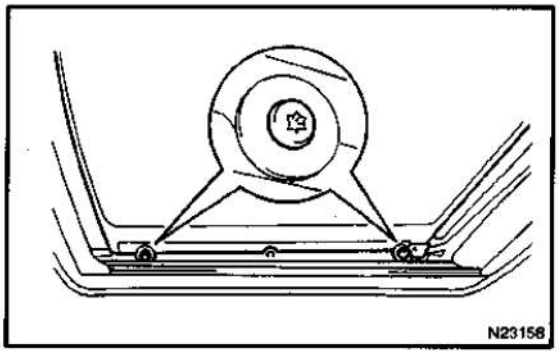
N·m (kgf·cm, ft·lbf) : Specified torque

H11763

BO2RA-01

REMOVAL

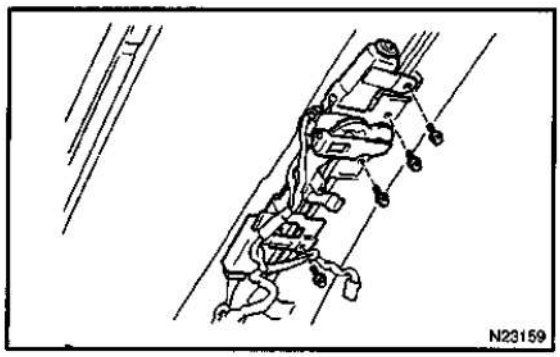
1. **REMOVE ROOF HEADLINING**
(See page BO–98)



2. **REMOVE SLIDING ROOF GLASS**

(a) Using a torx wrench, remove the 4 screws.

(b) Pull the glass upward to remove it.



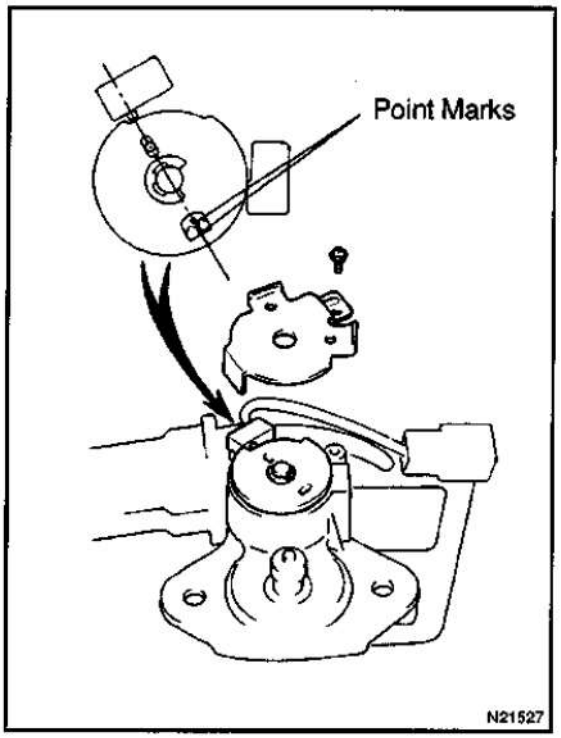
3. **REMOVE DRIVE GEAR AND CONTROL RELAY**

NOTICE:

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

(a) Disconnect the connectors.

(b) Remove the 4 bolts, drive gear and control relay.



(c) Remove the screw and cam plate cover from the drive gear.

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

NOTICE:

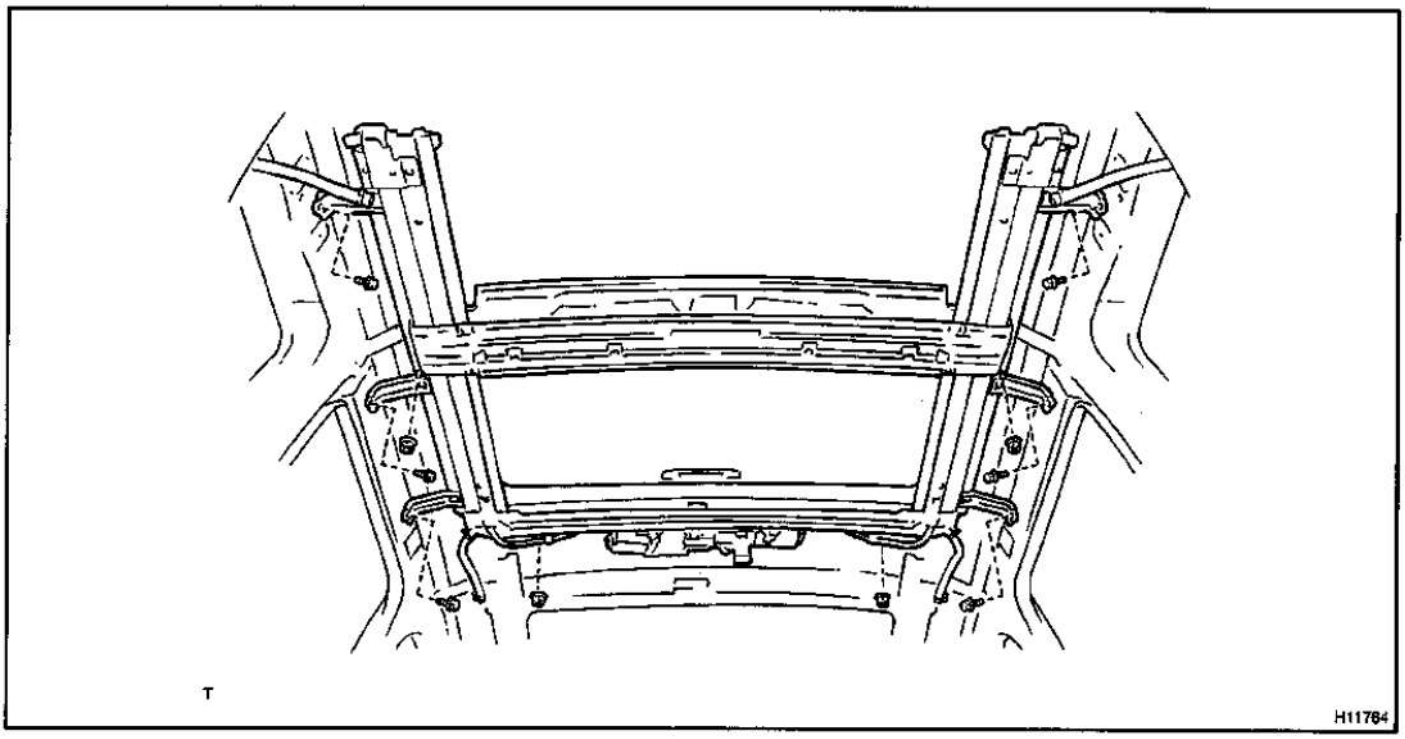
At the time of installation, please refer to the following item. If the sliding roof position and drive gear fully closed position is not matched, the sliding roof does not operate normally.

4. REMOVE SLIDING ROOF HOUSING

(a) Disconnect the 4 drain hoses from the housing.

(b) Remove the 6 bolts, 4 nuts and housing.

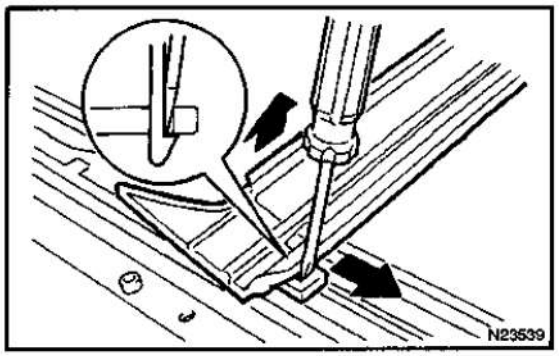
Torque:
Bolt: 5.5 N·m (56 kgf·cm, 49 in.·lbf)
Nut: 5.5 N·m (56 kgf·cm, 49 in.·lbf)



BO2R8-01

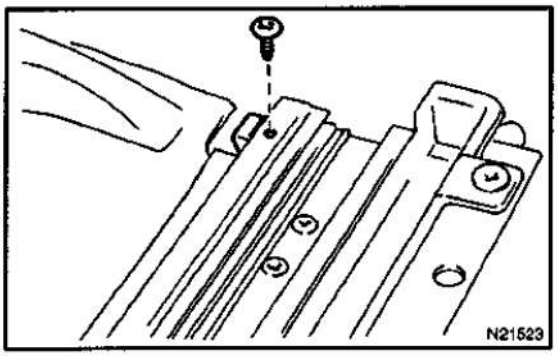
DISASSEMBLY

1. **REMOVE SLIDING ROOF HOUSING NO. 1 BRACKETS**
2. **REMOVE SLIDING ROOF HOUSING REAR MOUNTING BRACKETS**



3. **REMOVE ROOF DRIP CHANNEL**

Using a screwdriver, remove the roof drip channel as shown in the illustration.



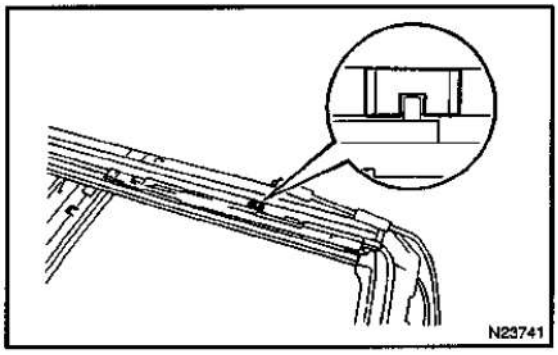
4. **REMOVE SLIDING ROOF PANEL STOPPER**

(a) Remove the screw and stopper.

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

5. **REMOVE SUNSHADE NO. 1 TRIM**
6. **REMOVE ROOF WINDOW DEFLECTOR PANEL**
7. **REMOVE CABLE GUIDE CASING**

Remove the 4 screws and casing.



8. **REMOVE DRIVE CABLE**

(a) Slide the cable rearward, then remove it.

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

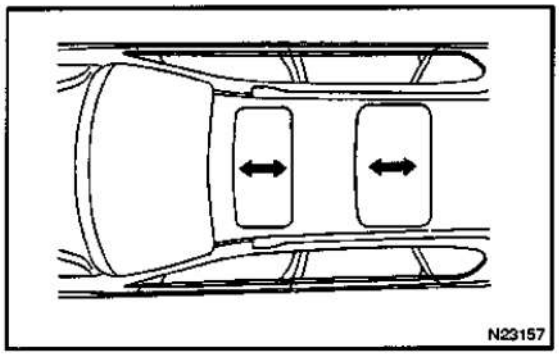
HINT:

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

Slide the cable forward or backward to align the 2 marks as shown.

BO2RC-01

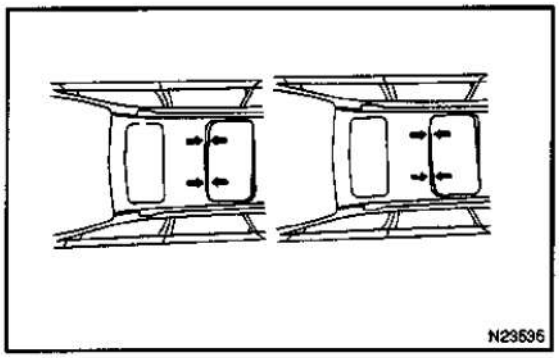
ADJUSTMENT


N23157

1. TO ADJUST FORWARD OR REARWARD

(a) Loosen the sliding roof glass installation nuts.

(b) Adjust the sliding roof glass forward or rearward.


N23536

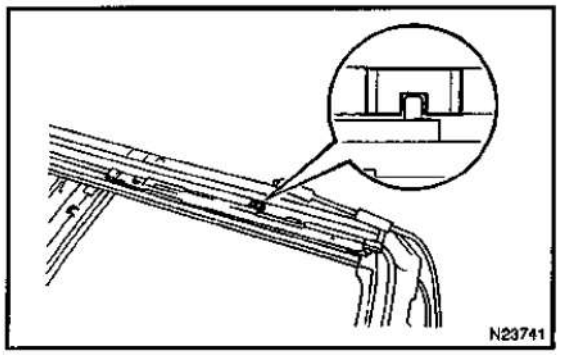
2. TO ADJUST CLEARANCE

(Difference in left and right clearance)

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

NOTICE:

Remove the drive gear with the sliding roof fully closed.


N23741

(b) Adjust by sliding the cable forward or rearward to align the 2 marks as shown in the illustration.

(c) Install the drive gear and sliding roof glass.

BO2I2-01

REASSEMBLY

Reassembly is in the reverse order of disassembly (See page BO–79).

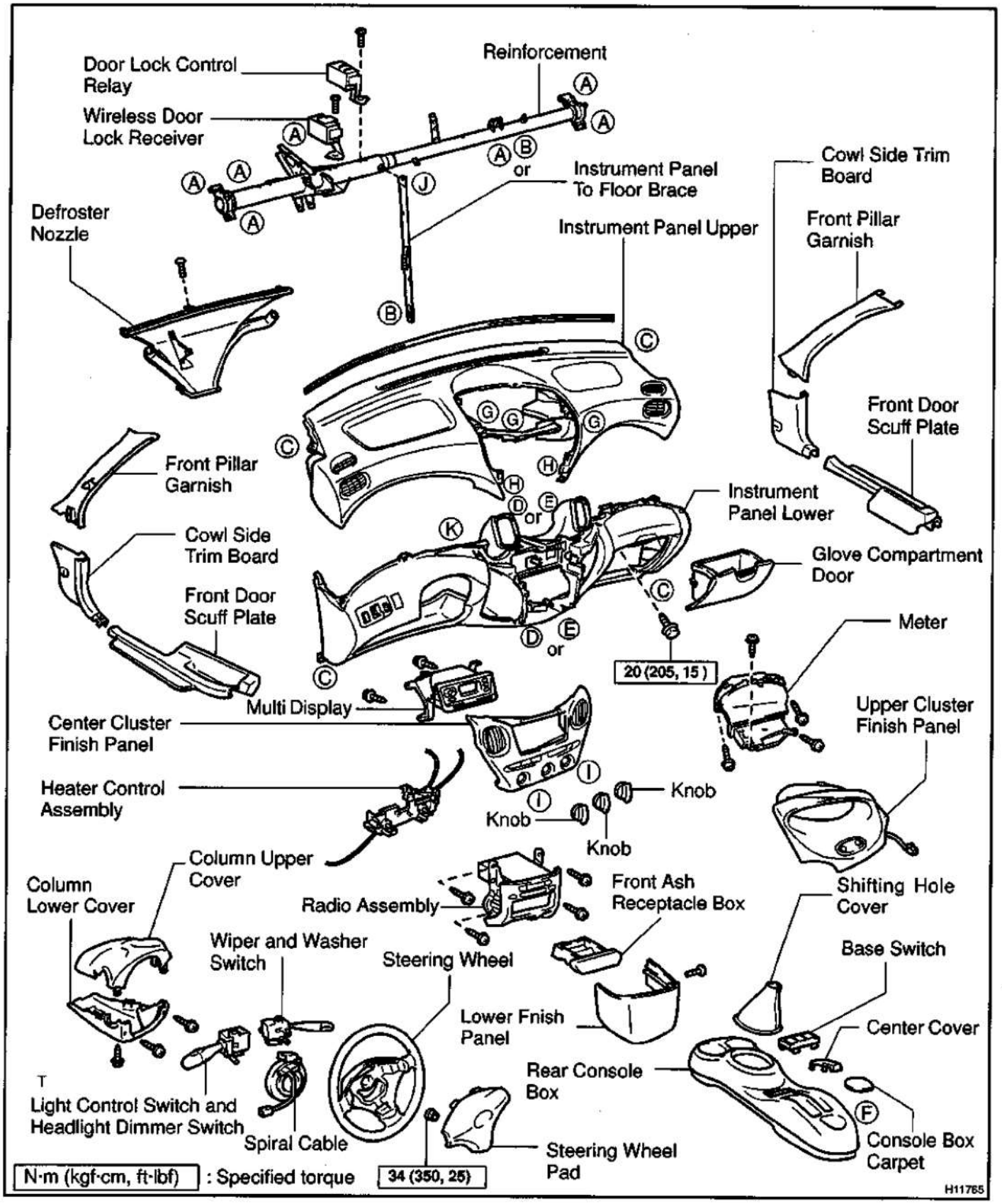
BO2HS-01

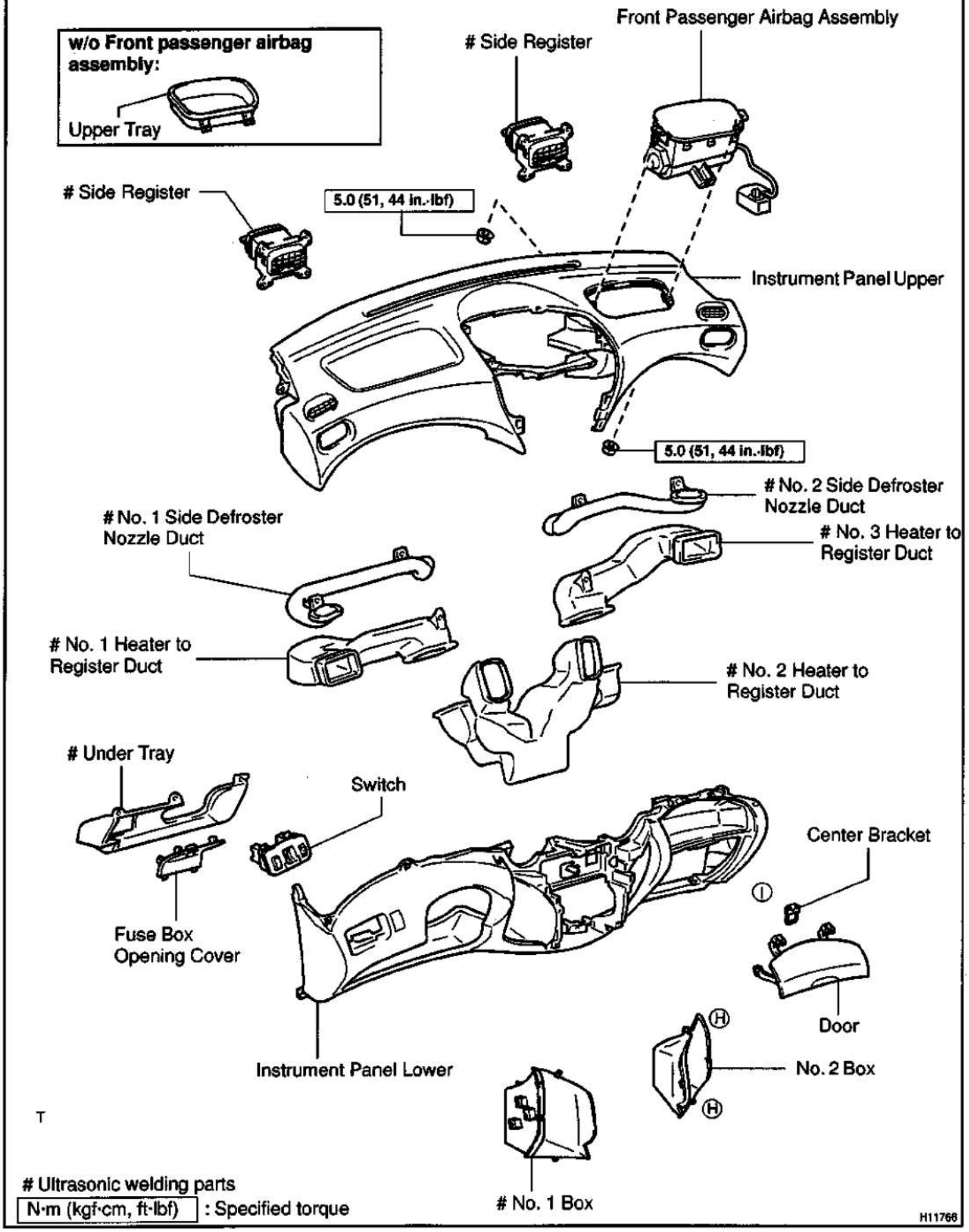
INSTALLATION

Installation is in the reverse order of removal (See page BO–77).

INSTRUMENT PANEL

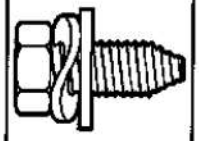
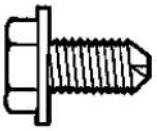
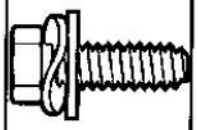
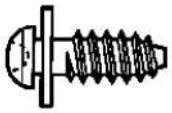
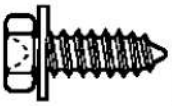
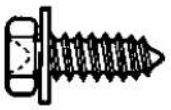
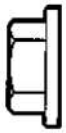
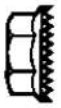
COMPONENTS




w/o Front passenger airbag assembly:
Upper Tray
Side Register
Front Passenger Airbag Assembly
Side Register
5.0 (51, 44 in.·lbf)
Instrument Panel Upper
5.0 (51, 44 in.·lbf)
No. 2 Side Defroster Nozzle Duct
No. 1 Side Defroster Nozzle Duct
No. 3 Heater to Register Duct
No. 1 Heater to Register Duct
No. 2 Heater to Register Duct
Under Tray
Switch
Center Bracket
Fuse Box Opening Cover
Door
Instrument Panel Lower
No. 2 Box
No. 1 Box
T
Ultrasonic welding parts
N·m (kgf·cm, ft·lbf) : Specified torque
H11766

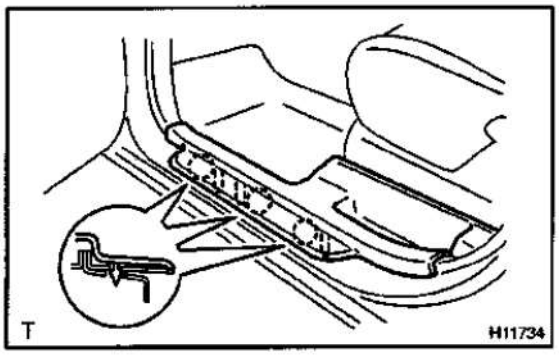
HINT:
Screw shapes and sizes are indicated in the table below. The codes ("A" – "K") correspond to those indicated on the previous pages.

mm (in.)

	Shape	Size		Shape	Size		Shape	Size
Ⓐ		ø = 8 (0.31) L = 20 (0.79)	Ⓑ		ø = 8 (0.31) L = 15 (0.59)	Ⓒ		ø = 6 (0.24) L = 22 (0.87)
Ⓓ		ø = 7 (0.28) L = 20 (0.79)	Ⓔ		ø = 6 (0.24) L = 20 (0.79)	Ⓕ		ø = 6 (0.24) L = 19 (0.75)
Ⓖ		ø = 5 (0.20) L = 16 (0.63)	Ⓗ		ø = 5 (0.20) L = 14 (0.55)	Ⓘ		ø = 4 (0.16) L = 14 (0.55)
Ⓙ		ø = 8 (0.31)	Ⓚ		ø = 6 (0.24)			

T

H11767



REMOVAL

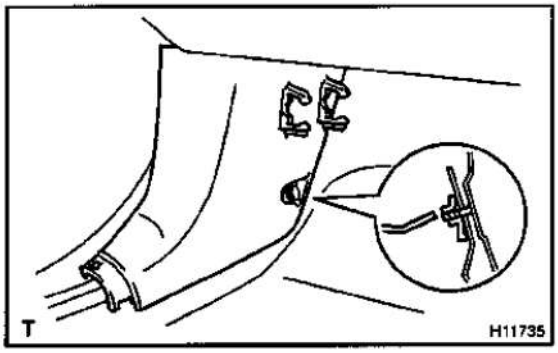
1. REMOVE FRONT DOOR SCUFF PLATE

(a) Insert a screwdriver between the front door scuff plate and body to pry the front door scuff plate out.

HINT:

Tape the screwdriver tip before use.

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



2. REMOVE COWL SIDE TRIM BOARD

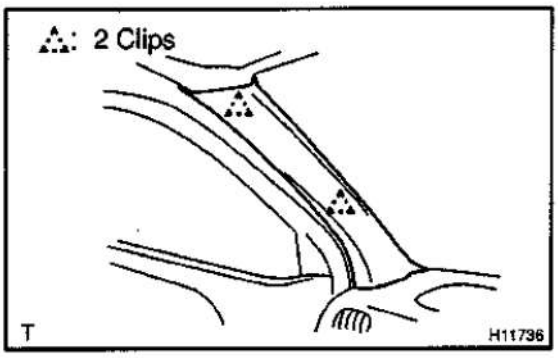
(a) Insert a screwdriver between the cowl side trim board and body to pry the cowl side trim board out.

HINT:

Tape the screwdriver tip before use.

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

3. REMOVE FRONT DOOR OPENING TRIMS



4. REMOVE FRONT PILLAR GARNISH

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

HINT:

Tape the screwdriver tip before use.

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

5. REMOVE STEERING WHEEL PAD
(See page SR-12)

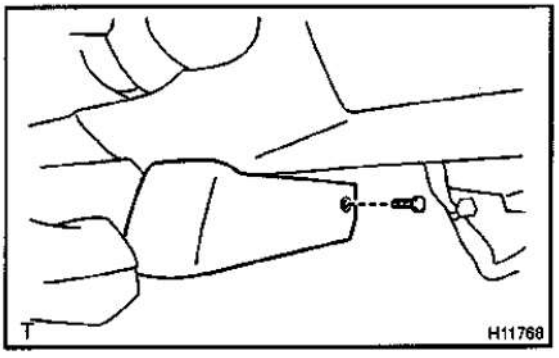
6. REMOVE STEERING WHEEL (See page SR-12)

7. REMOVE COLUMN UPPER AND LOWER COVER
(See page SR-12)

8. REMOVE SPIRAL CABLE (See page SR-12)

9. REMOVE WIPER AND WASHER SWITCH

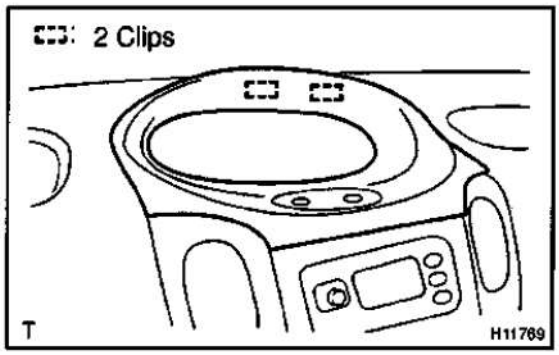
10. REMOVE LIGHT CONTROL SWITCH AND HEADLIGHT DIMMER SWITCH



11. REMOVE LOWER FINISH PANEL

(a) Remove the clip.

(b) Remove the lower finish panel.



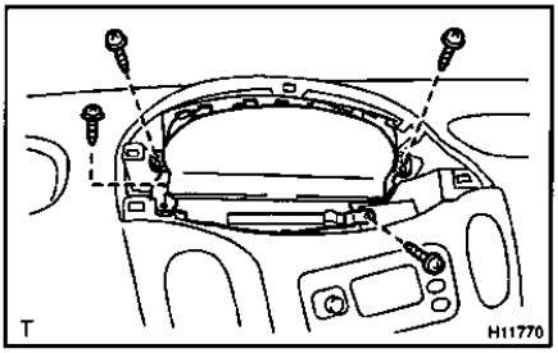
12. REMOVE UPPER CLUSTER FINISH PANEL

(a) Using a screwdriver, remove the upper cluster finish panel as shown in the illustration.

HINT:

Tape the screwdriver tip before use.

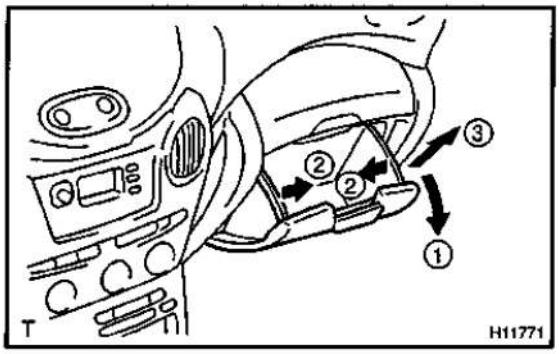
(b) Disconnect the connector.



13. REMOVE METER

(a) Remove the 4 screws.

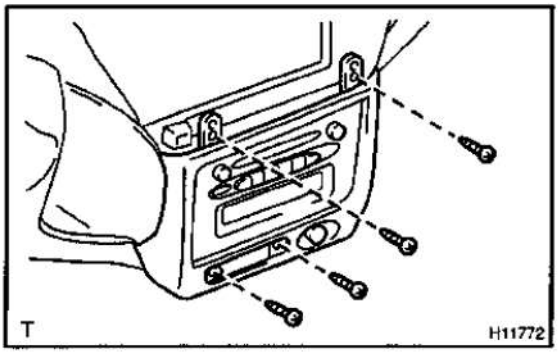
(b) Disconnect the 3 connectors, then remove the meter.



14. REMOVE GLOVE COMPARTMENT DOOR

(a) Open the glove compartment door.

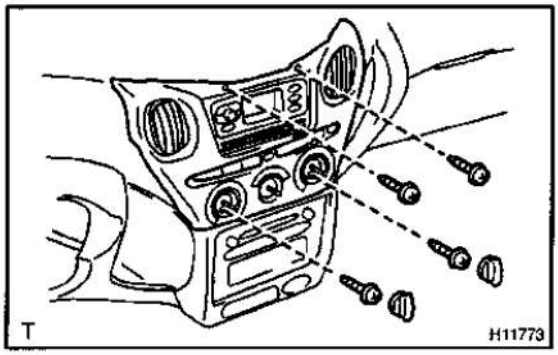
(b) Push both sides inward and pull out the glove compartment door.



15. REMOVE RADIO ASSEMBLY

(a) Remove the 4 screws.

(b) Disconnect the connectors, then remove the radio assembly.



16. REMOVE CENTER CLUSTER FINISH PANEL

(a) Remove the 2 knobs.

(b) Remove the 2 screws.

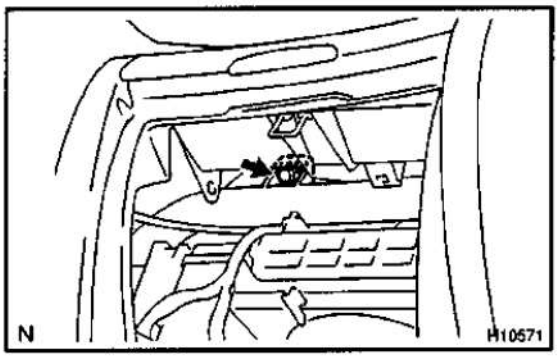
(c) Using a screwdriver, remove the center cluster finish panel.

HINT:

Tape the screwdriver tip before use.

(d) Disconnect the connectors.

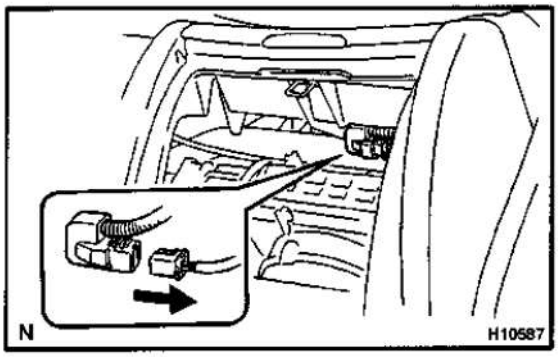
(e) Remove the 2 screws and multi display.



17. REMOVE UPPER INSTRUMENT PANEL

(a) Remove the bolt which is used to fix the front passenger airbag assembly to the reinforcement.
Torque: 20 N·m (205 kgf·cm, 15 ft·lbf)

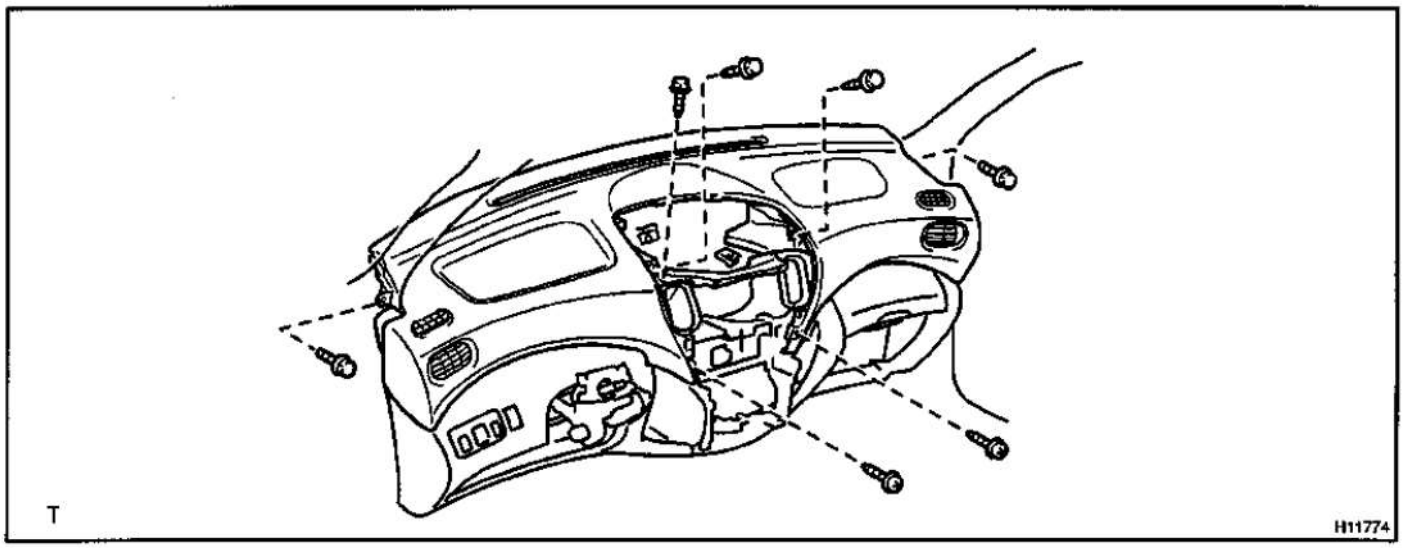
NOTICE:
If the wiring connector of the SRS is disconnected when the ignition switch is in ON or ACC position, DTC will be recorded.



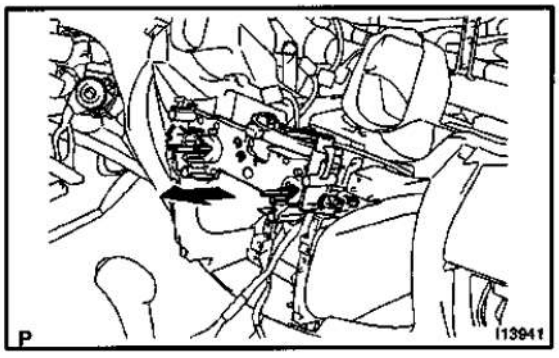
(b) Remove the connector cover from the lower instrument panel.

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

(c) Disconnect the passenger airbag connector.
(d) Remove the screws, nuts and instrument panel as shown in the illustration below.



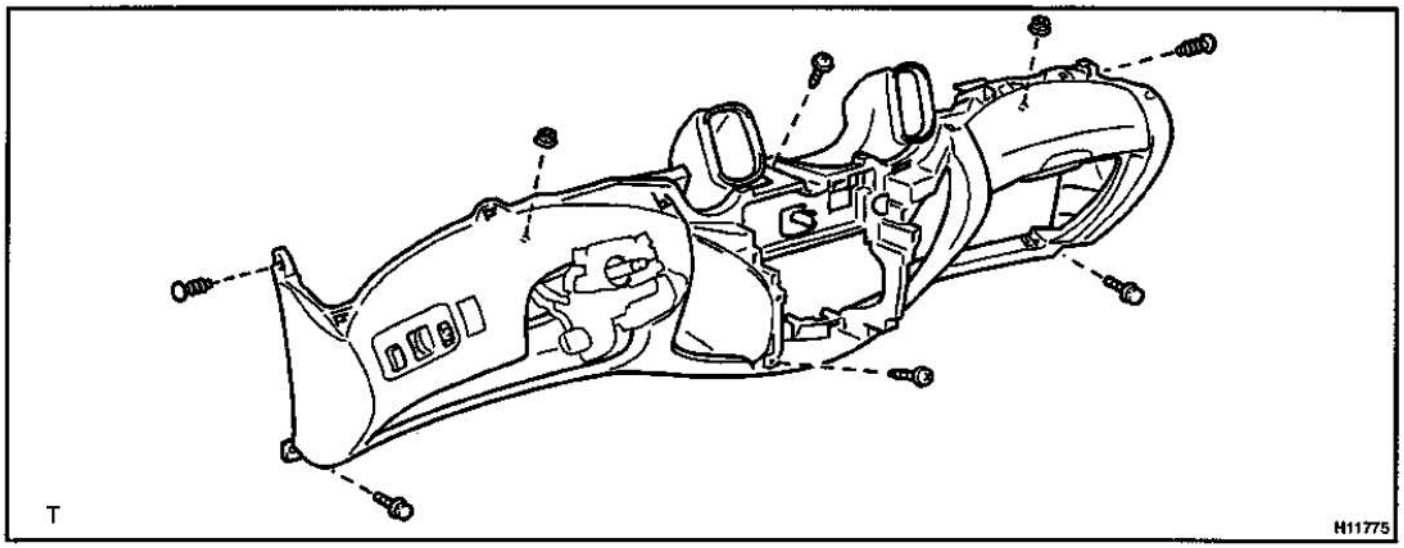
18. REMOVE FRONT ASH RECEPTACLE BOX
19. REMOVE DEFROSTER NOZZLE



20. REMOVE HEATER CONTROL ASSEMBLY (See page AC-86)

21. REMOVE LOWER INSTRUMENT PANEL

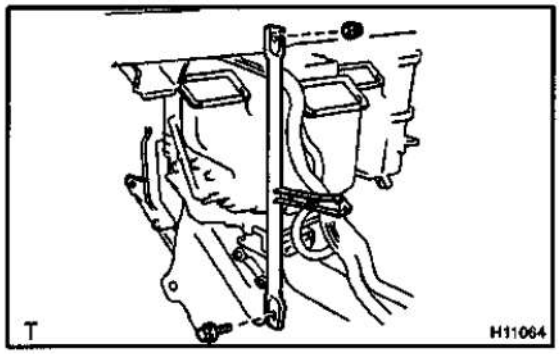
(a) Remove the hood lock release lever.
(b) Remove the screws, bolts and nuts.
(c) Disconnect the connectors.
(d) Remove the lower instrument panel.



22. REMOVE STEERING COLUMN (See page SR–12)

23. REMOVE REAR CONSOLE BOX

(a) Remove the shifting hole cover.
(b) Disconnect the connector of the base switch.
(c) Remove the console carpet.
(d) Remove the screw and rear console box.



24. REMOVE INSTRUMENT PANEL TO FLOOR BRACE

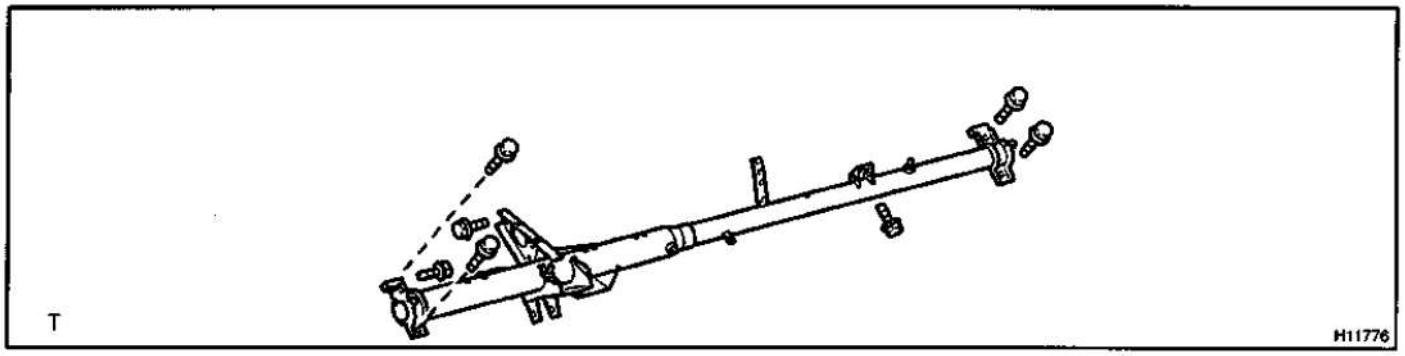
Remove the bolt and nut, then remove the instrument panel to floor brace.

25. REMOVE REINFORCEMENT

(a) Remove the 6 bolts.
(b) Disengage the wire harness clamps.
(c) Remove the reinforcement.

NOTICE:

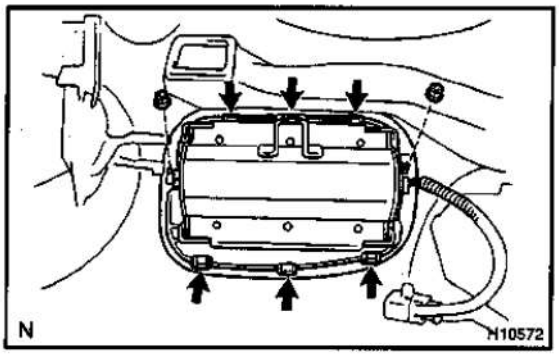
Be careful not to damage the body and wire harness.



(d) Remove the screw and door lock control.
(e) Remove the screw and wireless door lock control.

BO2RD-01

DISASSEMBLY



1. REMOVE FRONT PASSENGER AIRBAG ASSEMBLY

(a) Remove the 2 nuts which is used to fix the front passenger airbag assembly to the instrument panel.

(b) Pry up the 6 claws shown in the illustration.

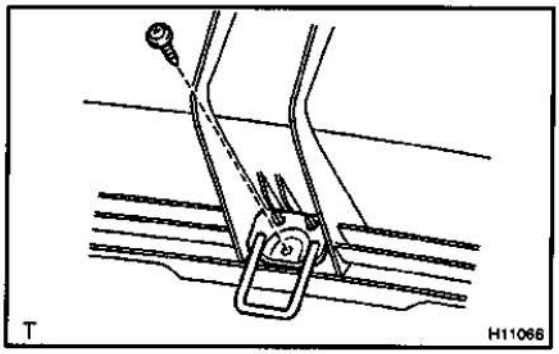
(c) Remove the front passenger airbag assembly from the instrument panel.

CAUTION:

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

NOTICE:

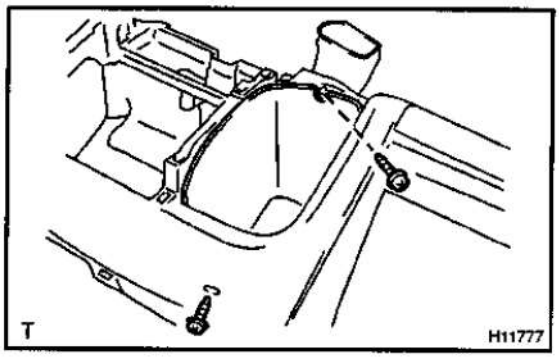
When removing the front passenger airbag assembly, take care not to damage the wire harness.



2. REMOVE CENTER BRACKET

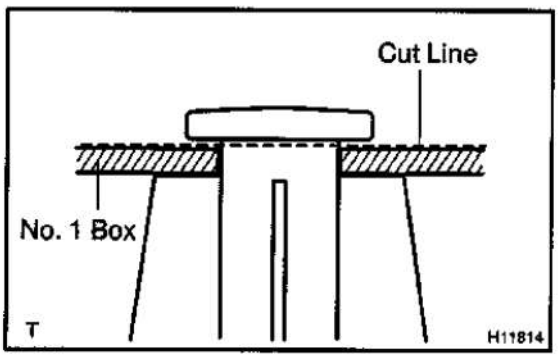
Remove the screw and center bracket.

3. REMOVE DOOR



4. REMOVE NO. 2 BOX

Remove the 2 screws and No. 2 box.



5. REMOVE NO. 1 BOX

(a) When installed by ultrasonic welding:
Using a nipper, cut off the ultrasonic welding portion of the instrument panel along the No. 1 box to remove the No. 1 box from the instrument panel lower.

(b) When installed with screw:
Remove the screw and No. 1 box from the instrument panel lower.

6. **REMOVE SIDE REGISTERS**
7. **REMOVE NO. 1 AND NO. 2 SIDE DEFROSTER NOZZLE DUCT**
8. **REMOVE NO. 1, NO. 2 AND NO. 3 HEATER TO REGISTER DUCT**
9. **REMOVE UNDER TRAY**

HINT:

For step 6 to 9, remove them in the same way as No.1 box.

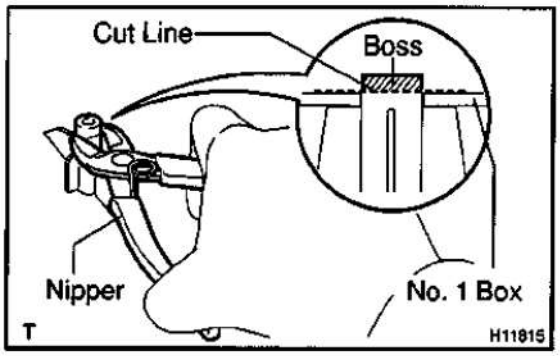
BO2RS-01

REASSEMBLY

NOTICE:

Never use airbag parts from another vehicle. When replacing parts, replace them with new parts.

1. INSTALL UNDER TRAY

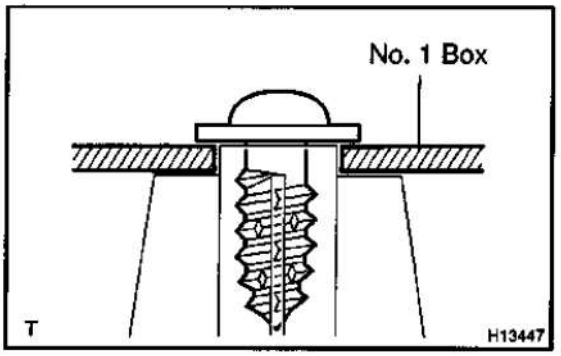


2. When replacing instrument panel lower: INSTALL NO. 1 BOX

(a) Cut off the boss using a nipper to make the level of the surface equal to the No. 1 box.

NOTICE:

Ensure that the cut surface is flush with the surface of No. 1 box to prevent looseness.



(b) Install the No. 1 box securely on the instrument panel with the tapping screw provided in the same packing.
Screw: 93567–15014

HINT:

Employ the same manner to instrument panel upper.

3. When reusing instrument panel lower: INSTALL NO. 1 BOX

Install the No. 1 box to the instrument panel lower with the screw.

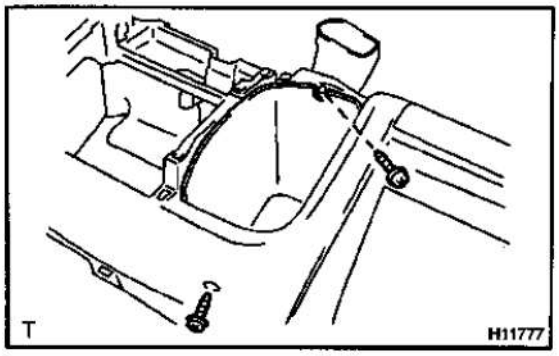
4. INSTALL NO.1, NO. 2 AND NO. 3 HEATER TO REGISTER DUCT

5. INSTALL NO. 1 AND NO. 2 SIDE DEFROSTER NOZZLE DUCT

6. INSTALL REGISTERS

HINT:

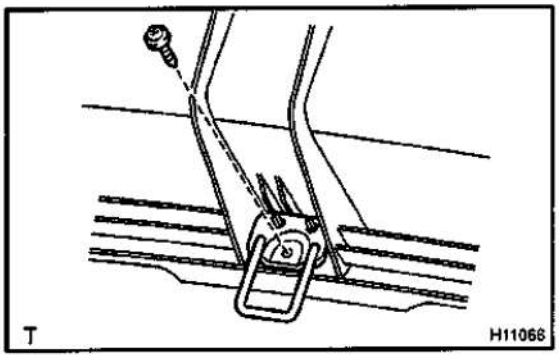
- For step 4 to 6, install them in the same way as No. 1 box.
- Surely install the No. 1 box to the instrument panel lower before installing No. 2 duct.



7. INSTALL NO. 2 BOX

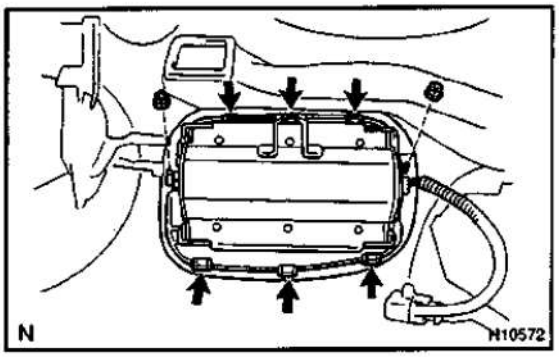
Install the No. 2 box with the 2 screws.

8. INSTALL DOOR



9. INSTALL CENTER BRACKET

Install the center bracket with the screw.



10. INSTALL FRONT PASSENGER AIRBAG ASSEMBLY

(a) Install the front passenger airbag assembly to the instrument panel.

(b) Install the 2 nuts.

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

NOTICE:

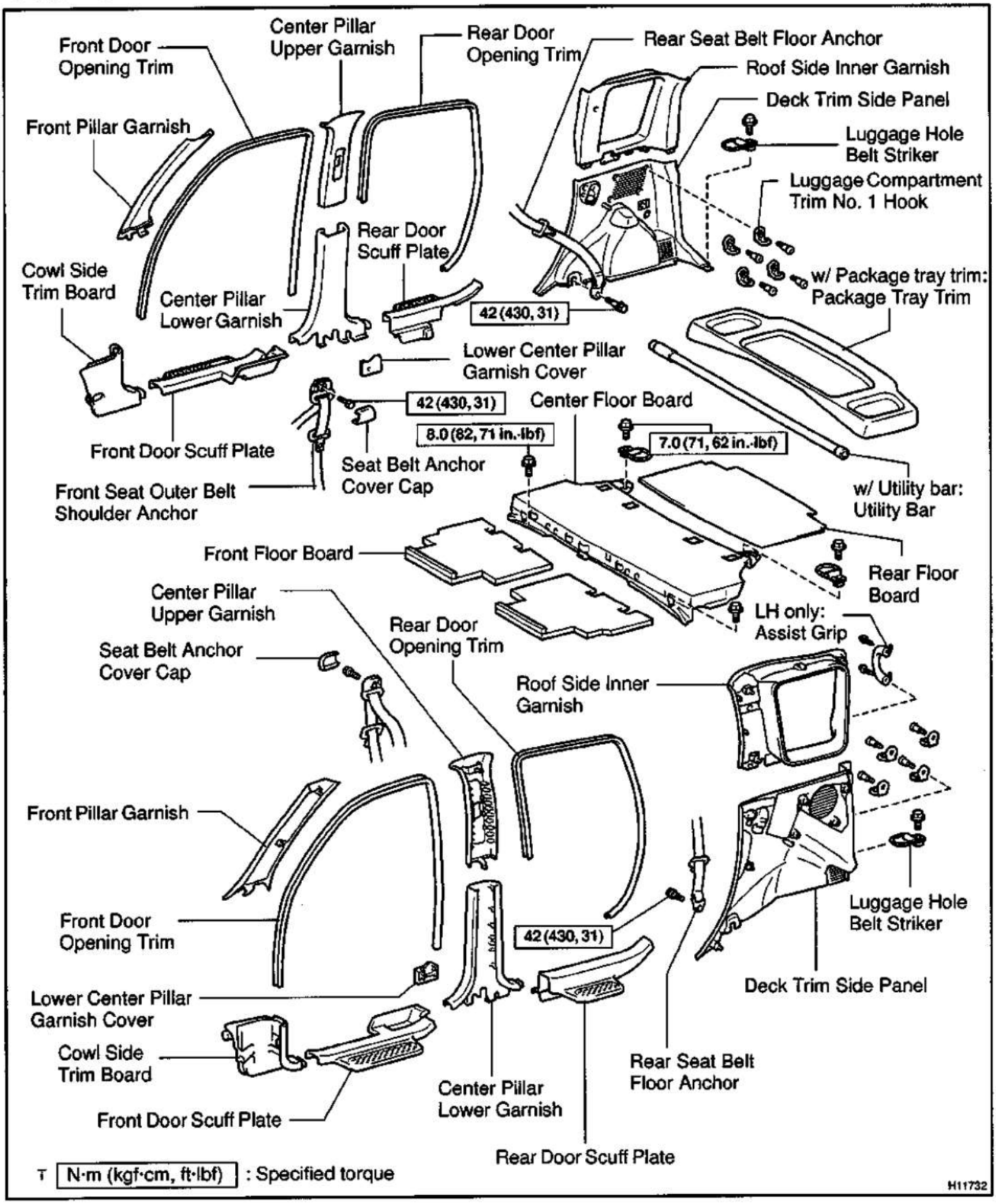
If the front passenger airbag assembly has been dropped, or there are cracks, dents or other defects in the case or connector, replace the front passenger airbag assembly withe a new one.

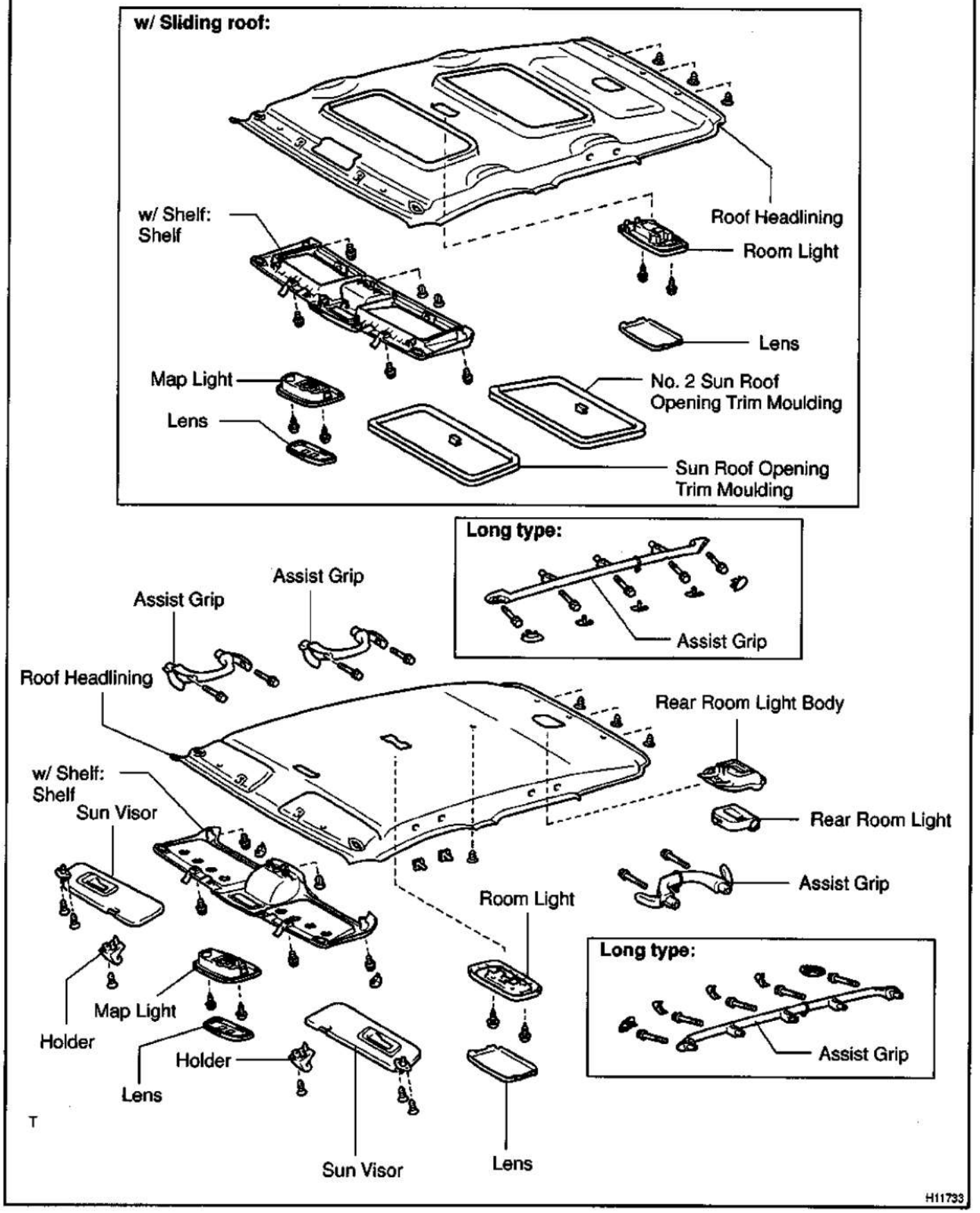
INSTALLATION

Installation is in the reverse order of removal (See page BO–86).

ROOF HEADLINING

COMPONENTS




w/ Sliding roof:
Roof Headlining
w/ Shelf:
Shelf
Room Light
Lens
Map Light
Lens
No. 2 Sun Roof
Opening Trim Moulding
Sun Roof Opening
Trim Moulding
Long type:
Assist Grip
Assist Grip
Assist Grip
Roof Headlining
Rear Room Light Body
w/ Shelf:
Shelf
Sun Visor
Rear Room Light
Assist Grip
Room Light
Long type:
Assist Grip
Map Light
Holder
Holder
Lens
Sun Visor
Lens
T
H11733

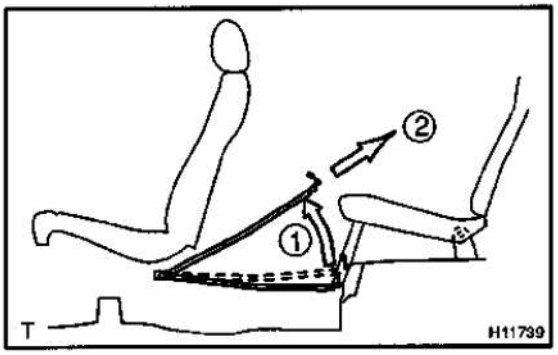
BO2RS-01

REMOVAL

1. REMOVE FRONT FLOOR BOARD

(a) Slide the front seat to the frontmost position.

(b) Remove the floor board as shown in the illustration.



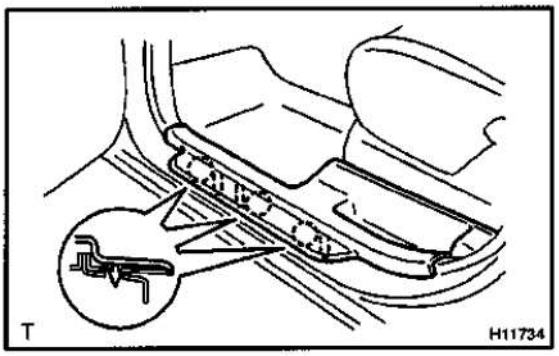
2. REMOVE FRONT DOOR SCUFF PLATE

(a) Insert a screwdriver between the front door scuff plate and body to pry the front door scuff plate out.

HINT:

Tape the screwdriver tip before use.

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



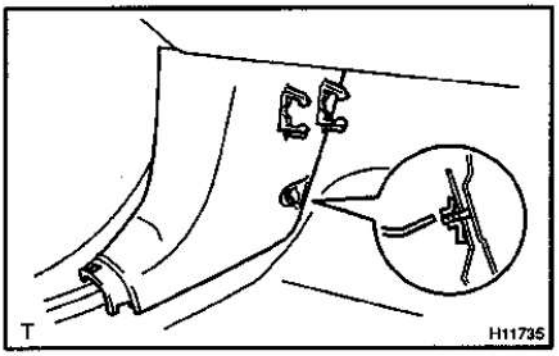
3. REMOVE COWL SIDE TRIM BOARD

(a) Insert a screwdriver between the cowl side trim board and body to pry the cowl side trim board out.

HINT:

Tape the screwdriver tip before use.

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



4. REMOVE REAR DOOR SCUFF PLATES

5. REMOVE FRONT DOOR OPENING TRIMS

6. REMOVE REAR DOOR OPENING TRIMS

7. w/ Package tray trim:
REMOVE PACKAGE TRAY TRIM

8. w/ Utility bar:
REMOVE UTILITY BAR

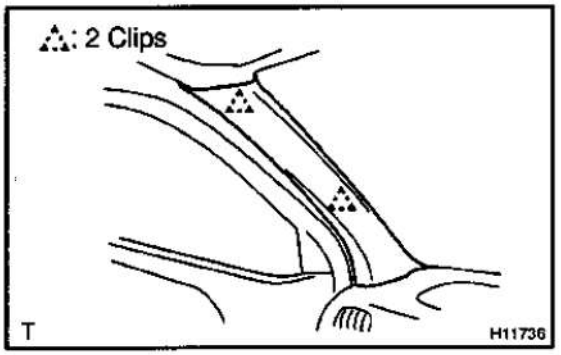
9. REMOVE FRONT PILLAR GARNISH

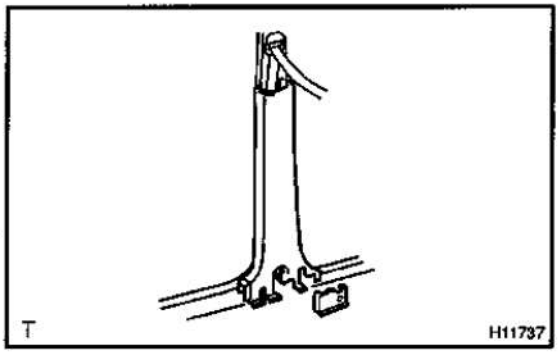
(a) Using a screwdriver, remove the front pillar garnish.

HINT:

Tape the screwdriver tip before use.

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



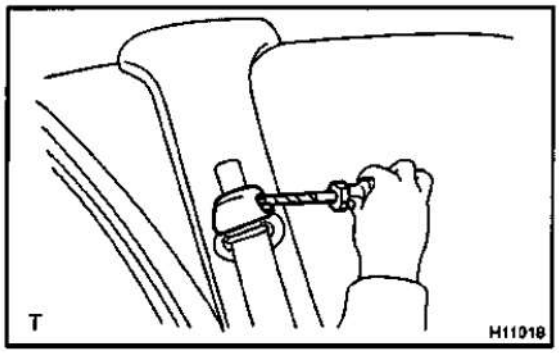


10. REMOVE CENTER PILLAR LOWER GARNISH

(a) Remove the lower center pillar garnish cover.
(b) Remove the floor anchor bolt.
Torque: 42 N·m (430 kgf·cm, 31 ft·lbf)
(c) Remove the floor anchor.
(d) Insert a screwdriver between the garnish and body to pry the garnish out.

HINT:
Tape the screwdriver tip before use.

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

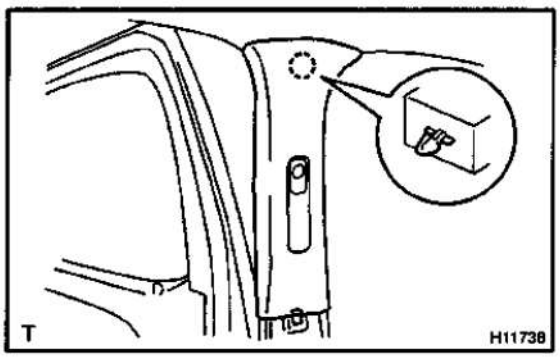


11. REMOVE CENTER PILLAR UPPER GARNISH

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

HINT:
Tape the screwdriver tip before use.

(b) Remove the bolt and front seat outer belt shoulder anchor.
Torque: 42 N·m (430 kgf·cm, 31 ft·lbf)

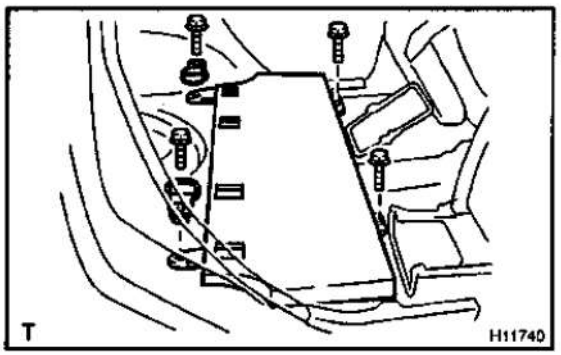


(c) Using a screwdriver, remove the center pillar upper garnish.

HINT:
Tape the screwdriver tip before use.

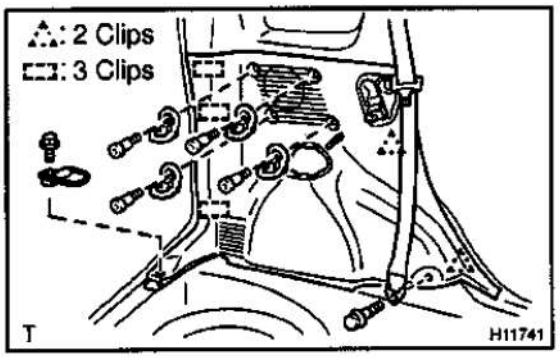
(d) Employ the same manner described above to the other side.

12. REMOVE REAR FLOOR BOARD



13. REMOVE CENTER FLOOR BOARD

(a) Fold the rear seatback down.
(b) Unlock the seat lock, and swing up the whole seat forward.
(c) Remove the 4 bolts, 2 strikers and center floor board.



14. REMOVE DECK TRIM SIDE PANEL

(a) Remove the bolt and rear seat outer belt floor anchor.
Torque: 42 N·m (430 kgf·cm, 31 ft·lbf)

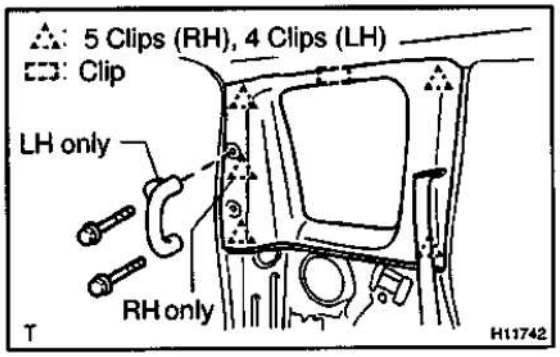
(b) Remove the 4 bolts and 4 luggage hole belt strikers.

(c) RH only:
Disconnect the connector.

(d) Using a screwdriver, remove the deck trim side panel.

HINT:
Tape the screwdriver tip before use.

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



15. REMOVE ROOF SIDE INNER GARNISH

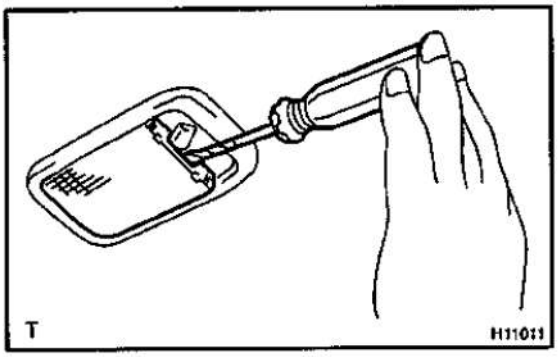
(a) LH side:
Remove the 2 screws and assist grip.

(b) Insert a screwdriver between the roof side inner garnish and body to pry the roof side inner garnish out.

HINT:

- Tape the screwdriver tip before use.
- Let the rear seat outer floor anchor pass through the roof side inner garnish hole to remove the garnish.

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



16. REMOVE ROOM LIGHT

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

HINT:
Tape the screwdriver tip before use.

(b) Remove the 2 screws and the room light.

(c) Disconnect the connector.

17. w/ Sliding roof:
REMOVE SUN ROOF OPENING TRIM MOULDING

18. REMOVE ASSIST GRIP

(a) Remove the 2 screws.

(b) Remove the assist grip.

(c) Long type:

Remove the 5 screws and assist grip.

HINT:

Remove the other assist grips in the same manner.

19. REMOVE MAP LIGHT

(a) Remove the lens.

(b) Remove the 2 screws and map light.

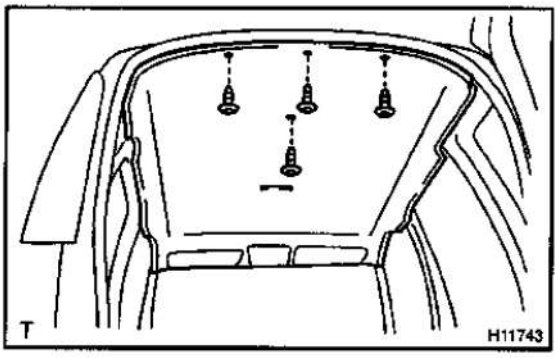
20. w/ Shelf:

REMOVE SHELF

21. REMOVE SUN VISORS

(a) Remove the 4 screws and sun visors.

(b) Remove the 2 screws and holders.



22. REMOVE ROOF HEADLINING

Remove the 4 clips and roof headlining.

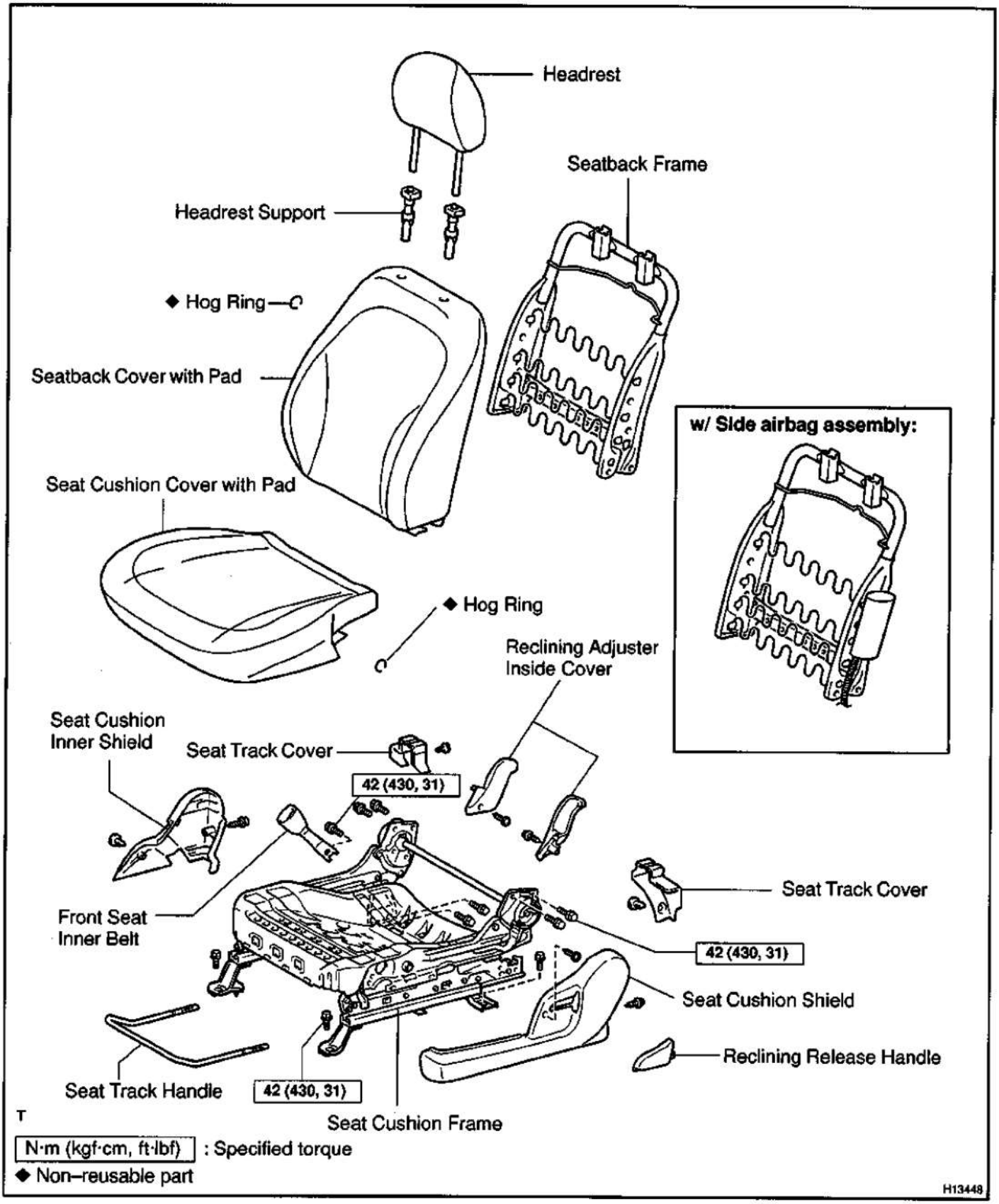
INSTALLATION

Installation is in the reverse order of removal (See page BO–98).

FRONT SEAT

COMPONENTS

BO2F–02



BO2RF-01

REMOVAL

REMOVE FRONT SEAT

NOTICE:

- **If the wiring connector of the SRS is disconnected and the ignition switch is in ON or ACC position, DTCs will be recorded.**
- **Never use the airbag parts removed from other vehicle. When replacing parts, replace them with new ones.**

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

HINT:

Tape the screwdriver tip before use.

(b) Remove the 5 bolts.

(c) w/ Seat heater:
Disconnect the connector.

(d) w/ Side airbag:
Disconnect the connector.

(e) Remove the front seat.

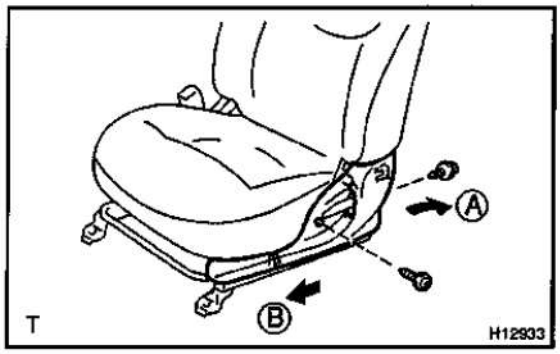
NOTICE:

Be careful not to damage the body.

BO2RO-01

DISASSEMBLY

1. **REMOVE HEADREST**
2. **REMOVE RECLINING RELEASE HANDLE**



3. **REMOVE SEAT CUSHION SHIELD**

Remove the 2 screws and seat cushion shield as shown in the illustration.

HINT:

Remove the seat cushion shield in order A, B as shown in the illustration.

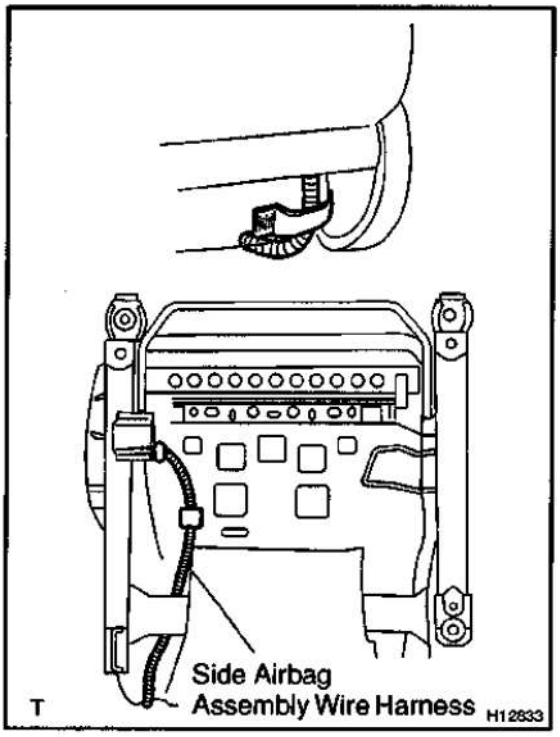
4. **REMOVE SEAT CUSHION INNER SHIELD**

Remove the clip, screw and seat cushion inner shield.

5. **REMOVE FRONT SEAT INNER BELT**

Remove the bolt and front seat inner belt.

Torque: 42 N·m(430 kgf·cm, 31 ft·lbf)

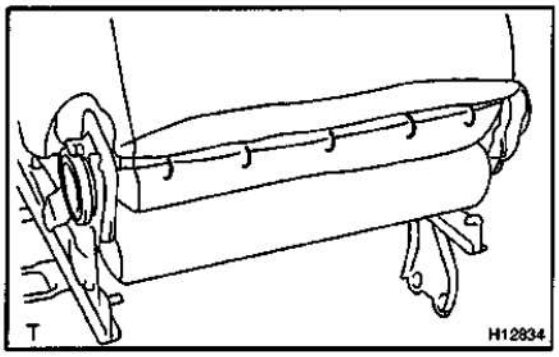


6. **w/ Side airbag:**
   REMOVE SEATBACK ASSEMBLY

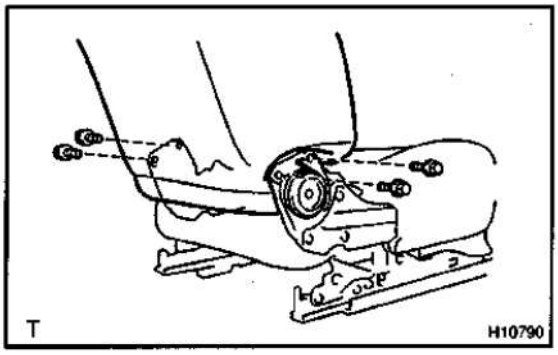
(a) Disconnect and disengage the connector and wire harness.

NOTICE:

Be careful not to damage the connector and wire harness.



(b) Remove the hog rings on the lower part of seatback assembly.



(c) Remove the 4 bolts and seatback assembly.
Torque: 42 N·m (430 kgf·cm, 31 ft·lbf)

7. REMOVE SEATBACK COVER WITH PAD

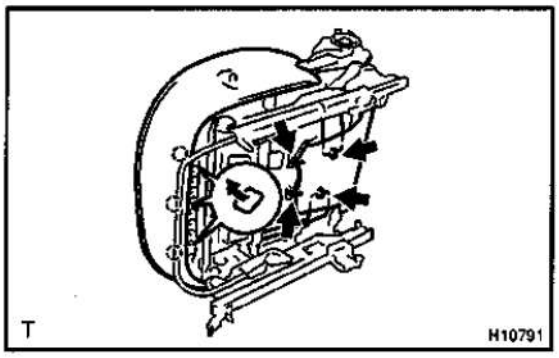
(a) Remove the hog rings.

HINT:

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

(b) Remove the headrest supports.

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



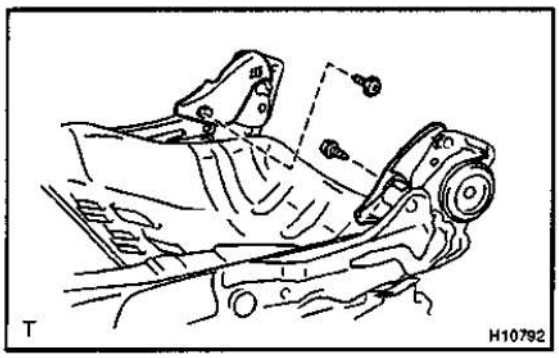
8. REMOVE SEAT CUSHION COVER WITH PAD

(a) Remove the hog rings.

HINT:

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

(b) Disengage the seat cushion cover hooks and remove the seat cushion cover with pad from the seat cushion frame.



9. REMOVE RECLINING ADJUSTER INSIDE COVERS

Remove the 2 screws and 2 reclining adjuster inside covers.

10. REMOVE SEAT TRACK HANDLE

5031-01

REASSEMBLY

Reassembly is in the reverse order of disassembly (See page BO–105).

INSTALLATION

INSTALL FRONT SEAT

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

NOTICE:

Make sure that the seat adjuster locks.

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

HINT:

If holding the seat track handle, the adjusted most front positions became detached.

(c) w/ Side airbag:
Connect the connector.

(d) w/ Seat heater:
Connect the connector.

(e) Tighten the bolts on the rear side temporarily, and from the bolt on the inner side tighten them completely.
Torque: 42 N·m (430 kgf-cm, 31 ft-lbf)

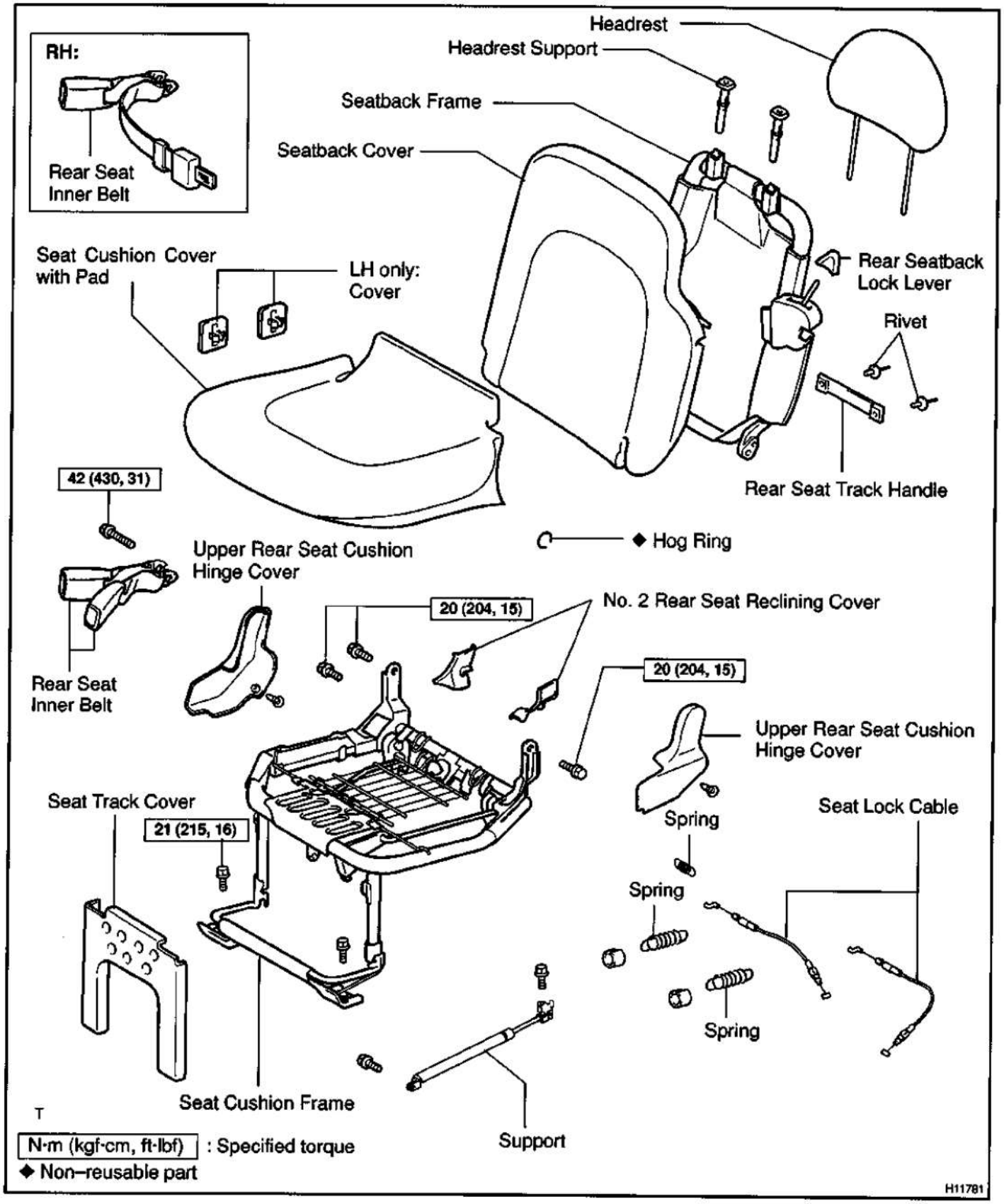
(f) Slide the seat to the most rear position to install the bolts on the front side.
Torque: 42 N·m (430 kgf-cm, 31 ft-lbf)

(g) Install the seat track covers.

REAR SEAT (Outer Side)

COMPONENTS

BO9R1-01



REMOVAL

REMOVE REAR SEAT

(a) Remove the 2 bolts.
Torque: 21 N·m (215 kgf·cm, 16 ft·lbf)

(b) Fold the seatback down.

(c) Unlock the seat lock, and swing the whole seat up and forward.

(d) Remove the rear seat.

BO2R3-01

DISASSEMBLY

1. REMOVE 2 INSIDE SHIELDS

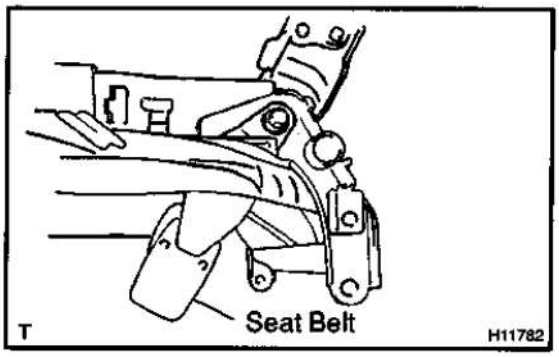
2. REMOVE SHIELD

Remove the 2 screws and 2 shields.

3. REMOVE SEAT CUSHION ASSEMBLY

Remove the 2 bolts and seat cushion assembly.

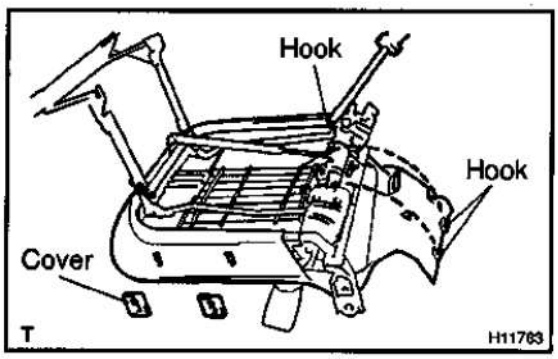
Torque: 20 N·m (204 kgf·cm, 15 ft·lbf)



4. REMOVE SEAT BELTS

Remove the bolt and 2 seat belts.

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

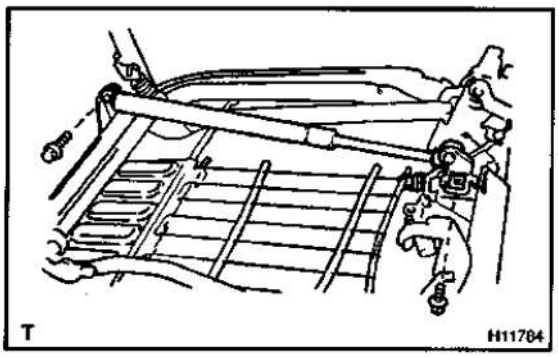


5. REMOVE SEAT CUSHION COVER

(a) Remove the 2 covers.

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

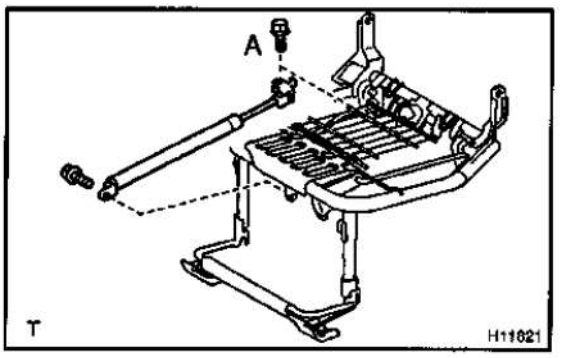
(c) Remove the seat cushion cover with pad from the seat cushion frame.



6. REMOVE SUPPORT

Remove the 2 bolts and support.

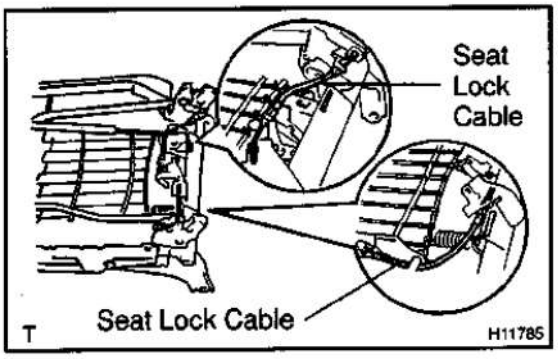
Torque: 37 N·m (375 kgf·cm, 27 ft·lbf)



HINT:

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

- Loosen the bolt A by turning 2 rotations in the reverse direction when installing the support.
- Tighten the bolt A completely after installing the rear seat assembly to the body.



7. REMOVE SEAT LOCK CABLES

Remove the seat lock cables from seat cushion frame.

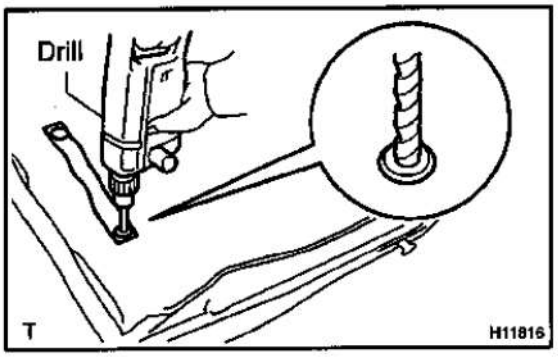
8. REMOVE NO. 2 FRAME

Remove the 2 springs and No. 2 frame.

HINT:

Using a pliers, remove the 2 springs.

9. REMOVE HEADREST



10. REMOVE SEATBACK COVER WITH PAD

(a) Using a drill of less than ø 4.8 mm (0.189 in.), drill out the rivet heads and remove the seatback cover.

(b) Using a vacuum cleaner, remove the drilled rivets and dust.

CAUTION:

Do not touch the cut rivets and rivet cutter since they will be hot.

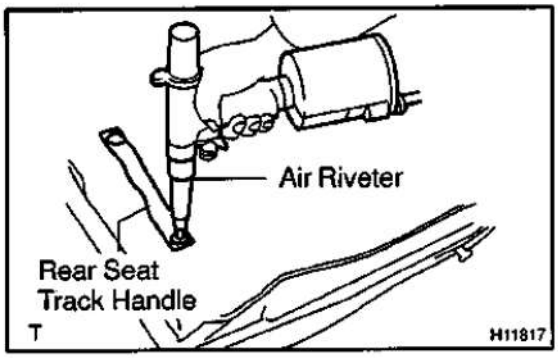
NOTICE:

Do not jiggle the rivet cutter while cutting. Otherwise, you may enlarge the rivet hole or damage the rivet cutter.

HINT:

Do not drill the seatback cover.

(c) Zip the seatback cover's open.



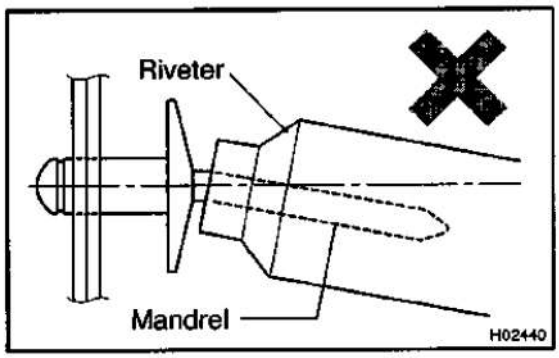
HINT:

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

Using an air riveter, strike rivets into the rear seat track handle to install the seatback cover.

(d) Remove the 2 headrest supports.

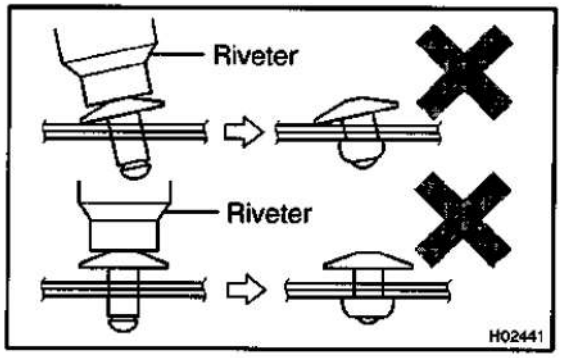
(e) Remove the seatback cover with pad from frame.



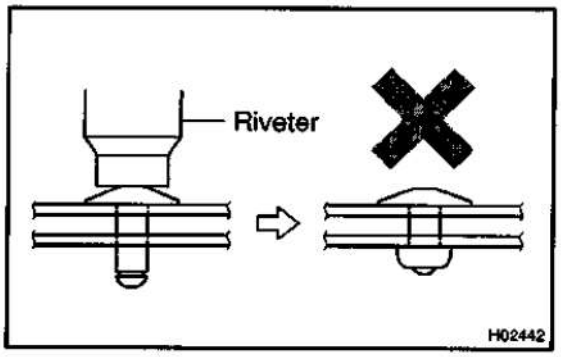
NOTICE:

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

- **Do not prize a riveter. Doing so may cause damage to the riveter, incorrect rivet fastening and a bend of the mandrel.**



- **Do no t tilt the riveter while handling it and make sure that the rivet head is attached to the material surface.**



- **Install the rivet so that the materials will securely contact each other. Failure to do so may cause loose rivetting.**

BO2R4–01

REASSEMBLY

Reassembly is in the reverse order of disassembly (See page BO–111).

502R5-01

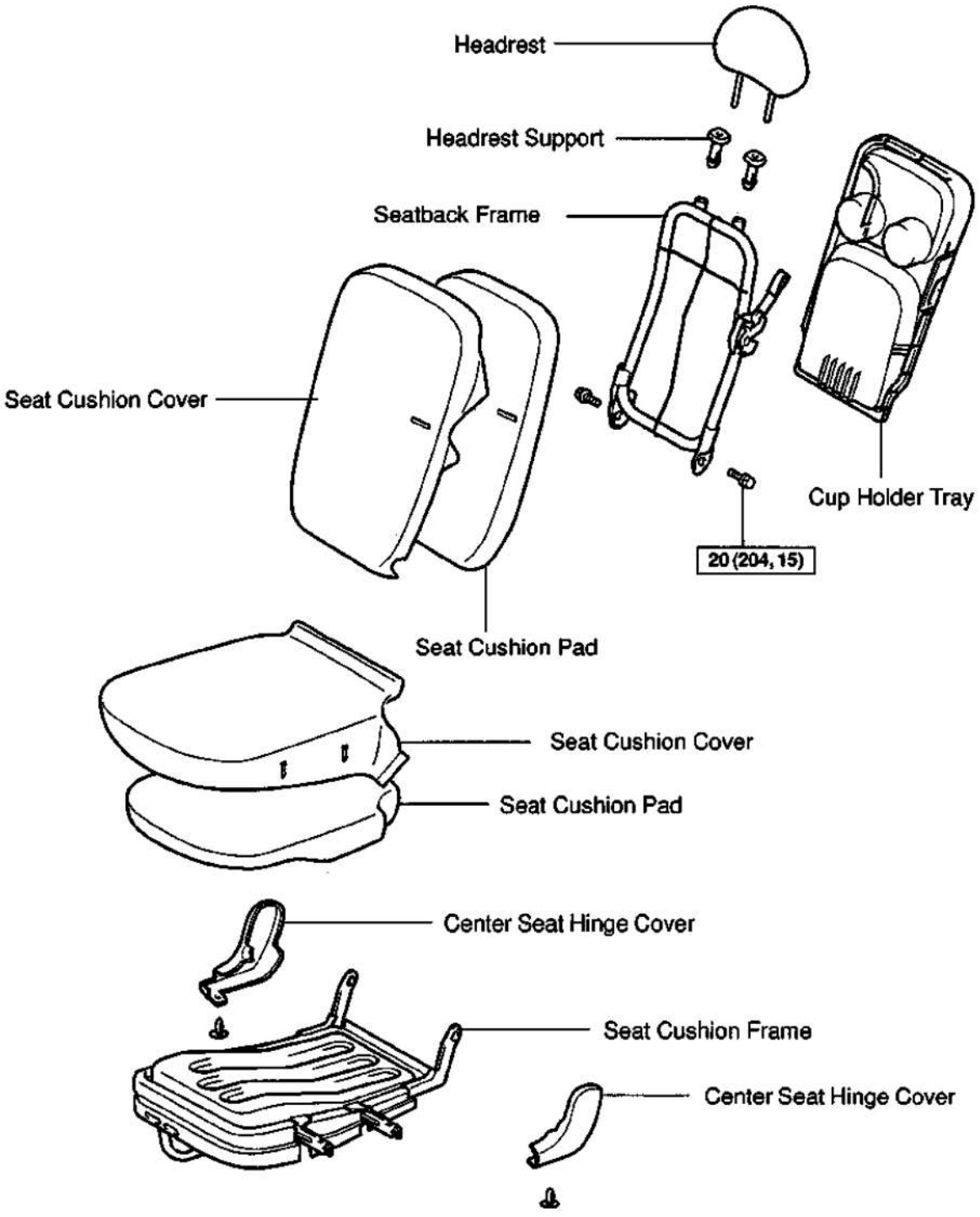
INSTALLATION

Installation is in the reverse order of removal (See page BO–110).

REAR SEAT (Center)

COMPONENTS

BO3RS-01

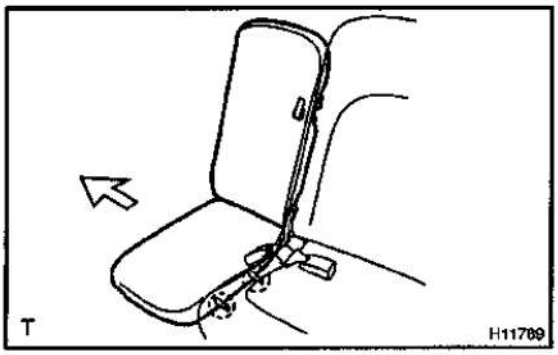


N·m (kgf·cm, ft·lbf) : Specified torque

T

H11788

BO2RT-01



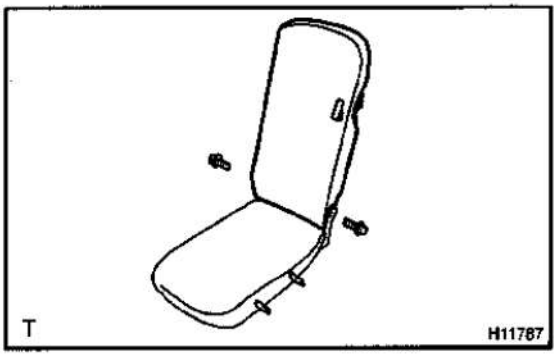
REMOVAL

REMOVE CENTER SEAT

(a) Fold the seatback down.
(b) Fold the leg and tilt the center seat down.
(c) Pull the center seat out from LH seat.

BO2RU-01

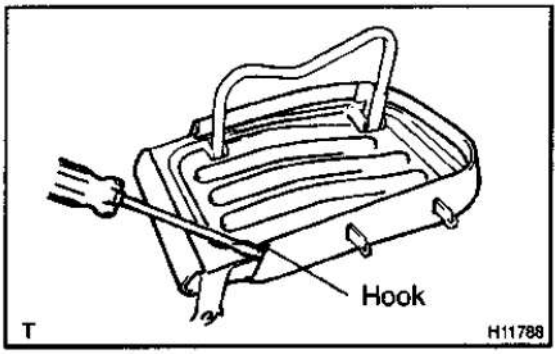
DISASSEMBLY



1. REMOVE SEATBACK ASSEMBLY

Remove the 2 bolts and seatback assembly from the seat cushion assembly.

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



2. REMOVE SEAT CUSHION COVER

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

(b) Remove the seat cushion cover from pad.

3. REMOVE SEATBACK COVER FROM SEATBACK PAD

4. REMOVE SEATBACK PAD FROM FRAME

(a) Remove the seatback cover from pad.

(b) Remove the seatback pad from frame.

HINT:

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

Let the strap pass through the hole of seatback cover when installing the seatback frame to the seatback pad with cover.

BO2RV-01

REASSEMBLY

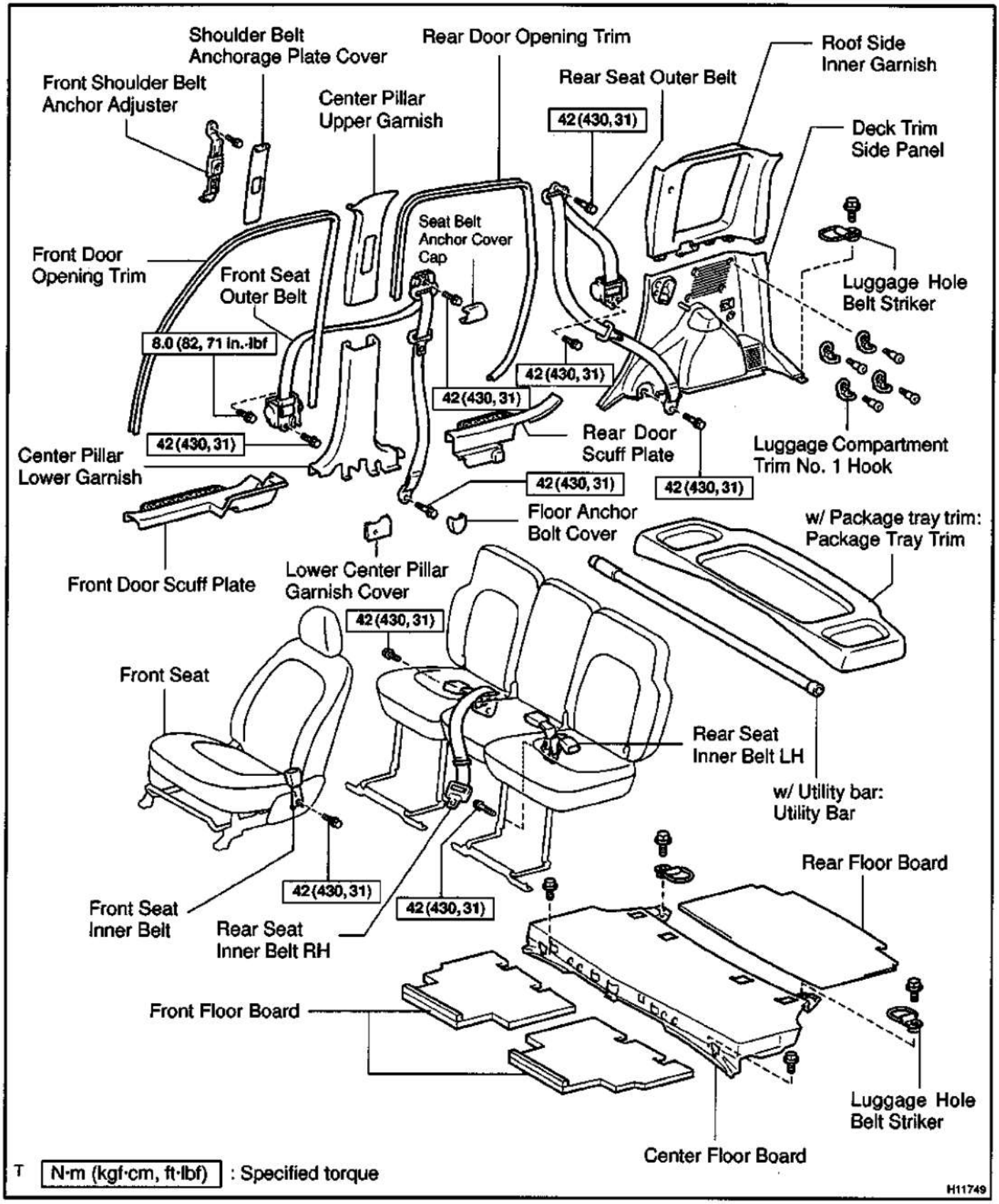
Reassembly is in the reverse order of disassembly (See page BO–118).

INSTALLATION

Installation is in the reverse order of removal (See page BO–117).

SEAT BELT

COMPONENTS



BO2H3-02

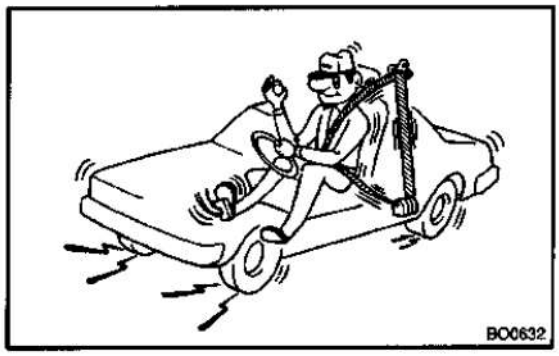
INSPECTION

CAUTION:

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

1. RUNNING TEST (IN SAFE AREA)

(a) Fasten the front seat belt.



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

HINT:

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

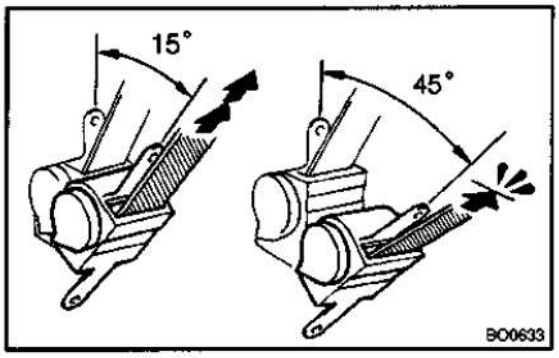
2. Front seat belt (ELR):

STATIC TEST

(a) Make sure that the belt locks when pulled out quickly.

(b) Remove the locking retractor assembly.

(c) Tilt the retractor slowly.



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

If a problem is found, replace the assembly.

3. Rear seat belt (ELR/ALR):

STATIC TEST

(a) Make sure that the belt locks when pulled out quickly.

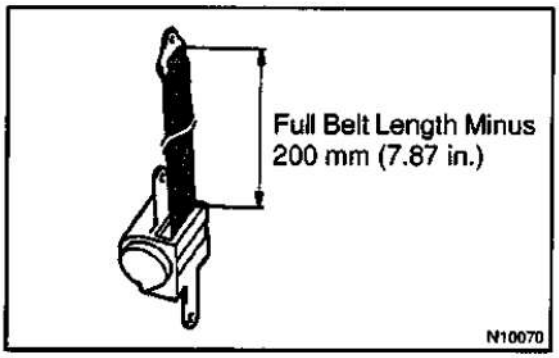
(b) Remove the locking retractor assembly.

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

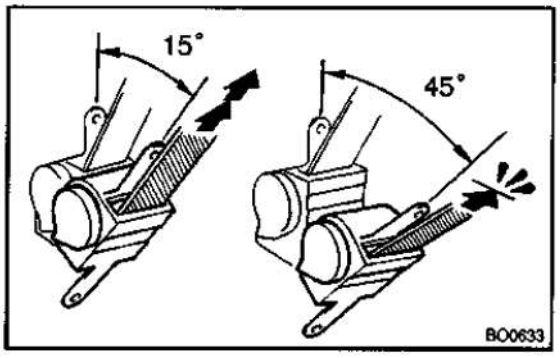
Then retract the belt slightly and pull it out again.

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

If a problem is found, replace the assembly.

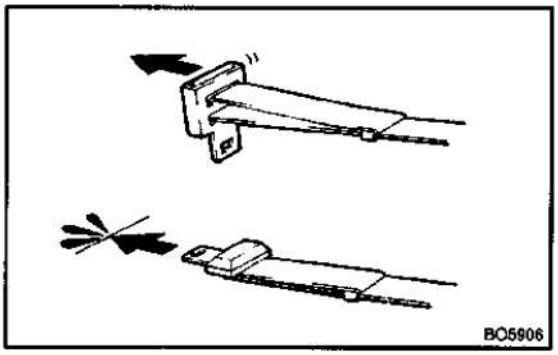


(e) Retract the whole belt, then pull out the belt until 200 mm (7.87 in.) of belt remains retracted.
(f) Tilt the retractor slowly.



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

If a problem is found, replace the assembly.



4. Manual type:

TESTING

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

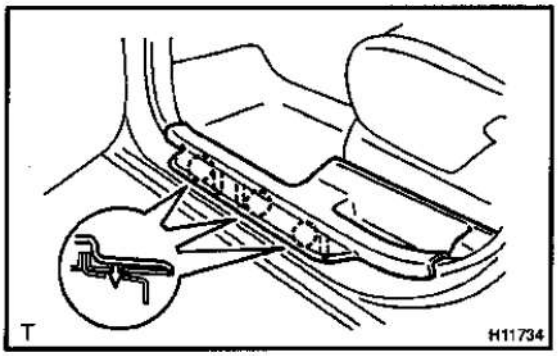
SEAT BELT PRETENSIONER

BC2R9-01

REMOVAL

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 removed from other vehicle. When replacing parts, replace them with new ones.**



1. REMOVE FRONT DOOR SCUFF PLATE

Insert a screwdriver between the front door scuff plate and body to pry it out.

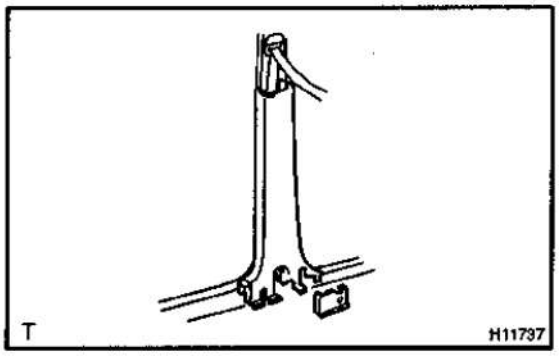
HINT:

Tape the screwdriver tip before use.

2. REMOVE REAR DOOR SCUFF PLATE

3. REMOVE REAR PART OF FRONT DOOR OPENING TRIM

4. REMOVE FRONT PART OF REAR DOOR OPENING TRIM



5. REMOVE CENTER PILLAR LOWER GARNISH

(a) Remove the lower center pillar garnish cover.

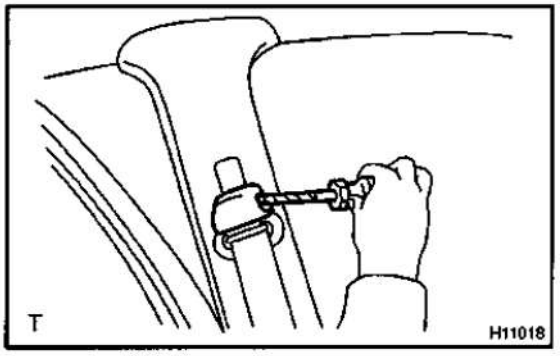
(b) Remove the floor anchor bolt.

(c) Remove the floor anchor.

(d) Insert a screwdriver between the garnish and body to pry the garnish out.

HINT:

Tape the screwdriver tip before use.



6. REMOVE FRONT SEAT OUTER BELT

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

HINT:

Tape the screwdriver tip before use.

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

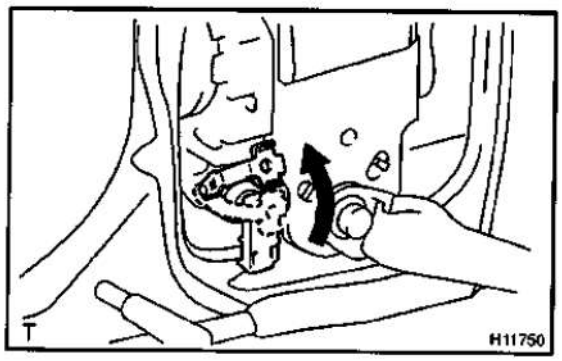
(c) Remove the retractor of front seat outer belt.

CAUTION:

Never disassemble the front seat outer belt.

NOTICE:

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



(1) Disconnect the pretensioner connector as shown in the illustration.

CAUTION:

When removing the seat belt pretensioner, it 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.

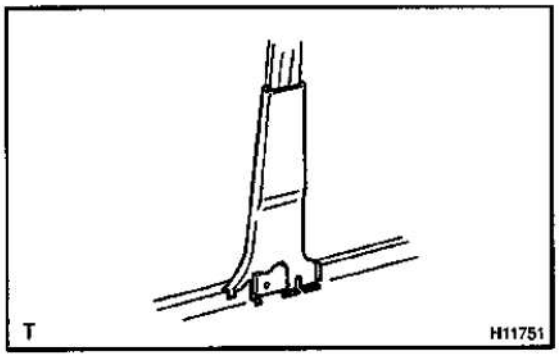
(2) Remove the bolt and retractor of the front seat outer belt.

BO259-03

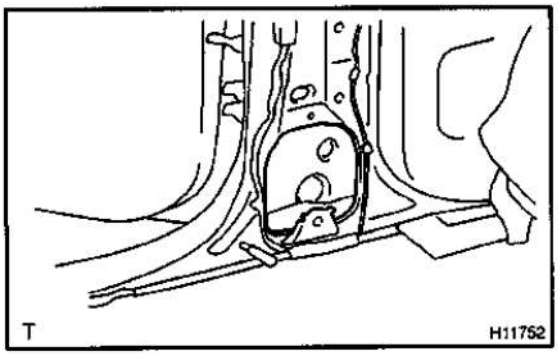
INSPECTION

1. PRETENSIONER IS NOT ACTIVATED

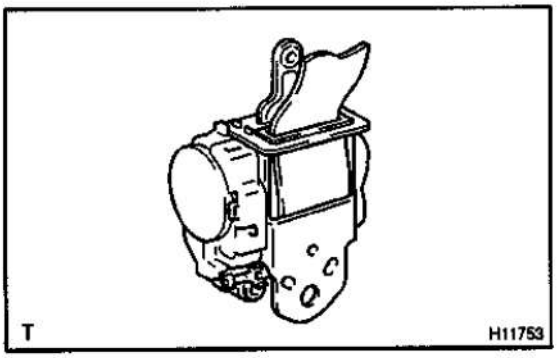
(a) Perform a diagnostic system check.
(See page DI–102)



(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, or marked discoloration on the center pillar lower garnish.
- Check for cuts and cracks in the wire harness, and for chipping in the connectors.



- Check for deformation of the center pillar.



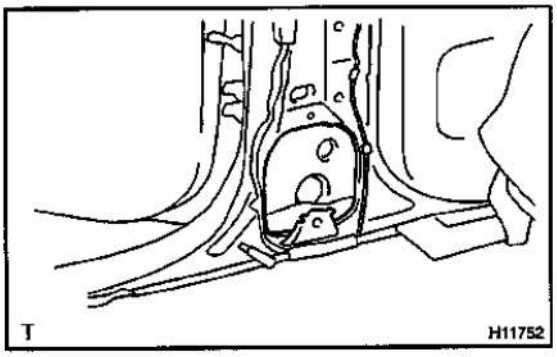
- Check for cuts and minute cracks in the wire harness or marked discoloration on the front seat outer belt.

CAUTION:
For removal and installation of the front seat outer belt, see page BO–124 and BO–133.
Be sure to follow the correct procedure.

2. PRETENSIONER IS ACTIVATED

(a) Perform a diagnostic system check.
(See page DI–102)

(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.

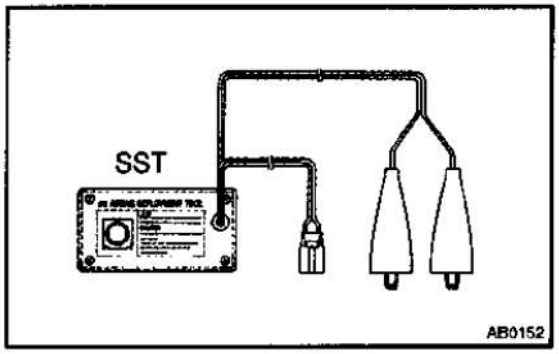


B020H-02

DISPOSAL

HINT:

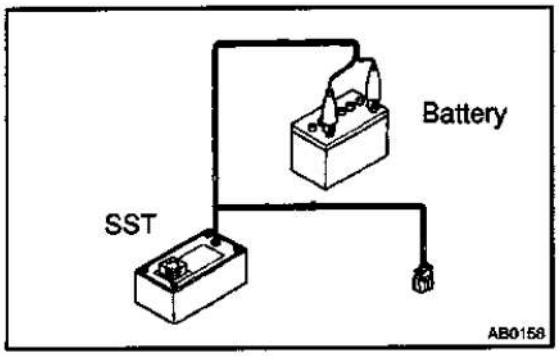
When scrapping vehicles equipped with a seat belt pretensioner or disposing of a front seat outer belt (with seat belt pretensioner), always first activate the seat belt pretensioner in accordance with the procedure described below. If any abnormality occurs in the seat belt pretensioner operation, contact the SERVICE DEPT. of DISTRIBUTOR. When disposing of a front seat outer belt (with seat belt pretensioner) activated in a collision, follow the same procedure given in step 1–(e) in "DISPOSAL".



CAUTION:

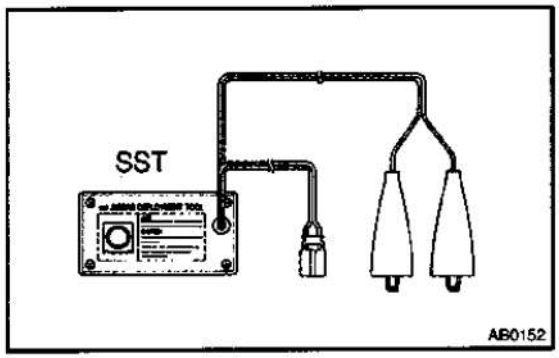
- **Never dispose of front seat outer belt which has an inactivated pretensioner.**
- **The seat belt pretensioner produces a sizeable exploding sound when it activates, so perform the operation out–of–door and where it will not create a nuisance to nearby residents.**
- **When activating the seat belt 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

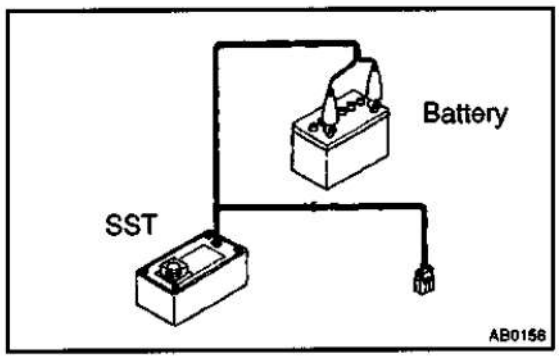
HINT:
Have a battery ready as the power source to activate the seat belt pretensioner.



(a) Check the functioning of SST.

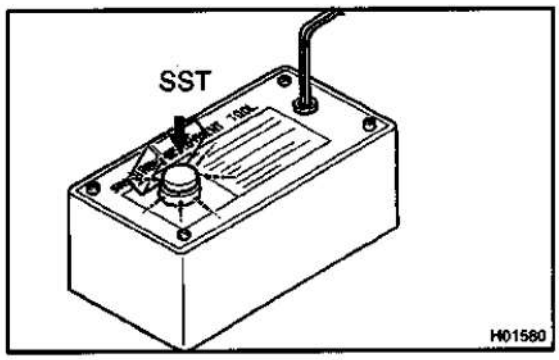
CAUTION:
When activating the seat belt pretensioner, always use the specified SST: SRS Airbag Deployment Tool.

SST 09082–00700, 09082–00740



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

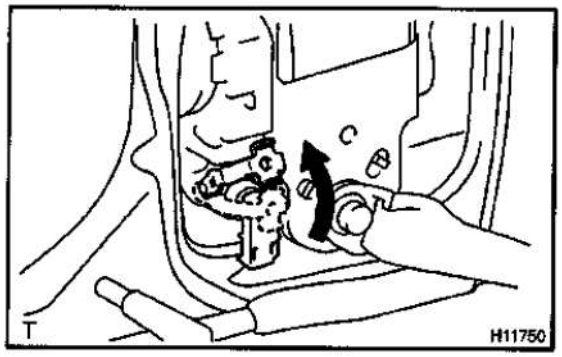
HINT:
Do not connect the yellow connector which will be connected with the seat belt pretensioner.



(2) 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.

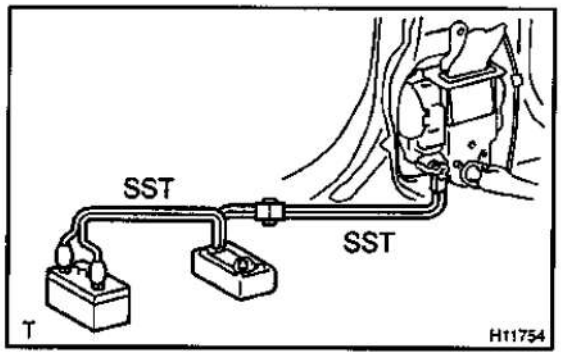
(b) Disconnect the pretensioner connector.
(1) Remove the front door inside scuff plate.
(2) Remove the rear door inside scuff plate.
(3) Remove the rear part of front door opening trim.
(4) Remove the front part of rear door opening trim.
(5) Remove the center pillar lower garnish.



(6) Disconnect the pretensioner connector as shown in the illustration.

(c) Install the SST.

(1) Buckle the front seat belt and check that there is no looseness and slack in the front seat inner belt and front seat outer belt.

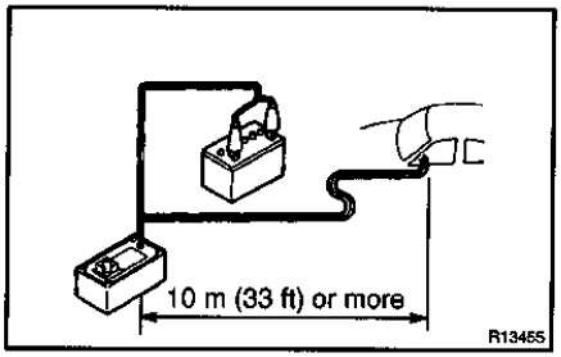


(2) Connect the 2 SST, then connect them to the seat belt pretensioner.

SST 09082–00700, 09082–00740

NOTICE:

To prevent damage to the SST connector and wire harness, do not lock the secondary lock of the twin lock.



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

(4) Close all the doors and windows of the vehicle.

NOTICE:

Take care not to damage the SST wire harness.

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

(d) Activate the seat belt pretensioner.

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

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

HINT:

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

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

CAUTION:

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

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

2. ACTIVATION WHEN DISPOSING OF FRONT SEAT OUTER BELT ONLY

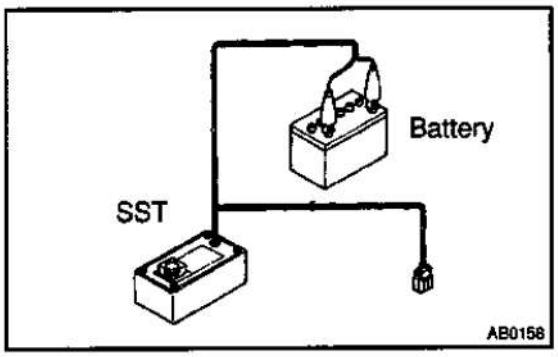
NOTICE:

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

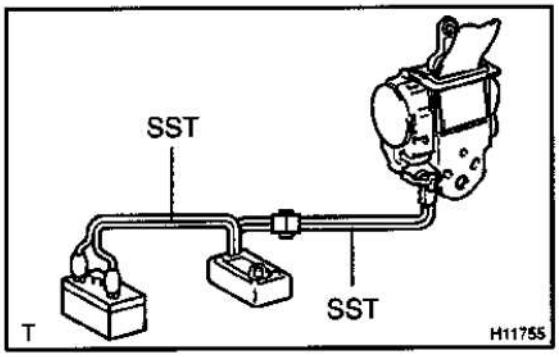
HINT:
Have a battery ready as the power source when activating the seat belt pretensioner.

(a) Remove the front seat outer belt (See page BO–121).

HINT:
Cut the belt near the seat belt retractor.

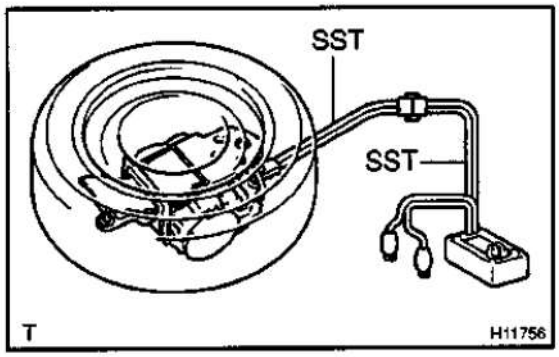


(b) Check functioning of SST (See step 1–(a)).
SST 09082–00700, 09082–00740



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

NOTICE:
To prevent damage to 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.

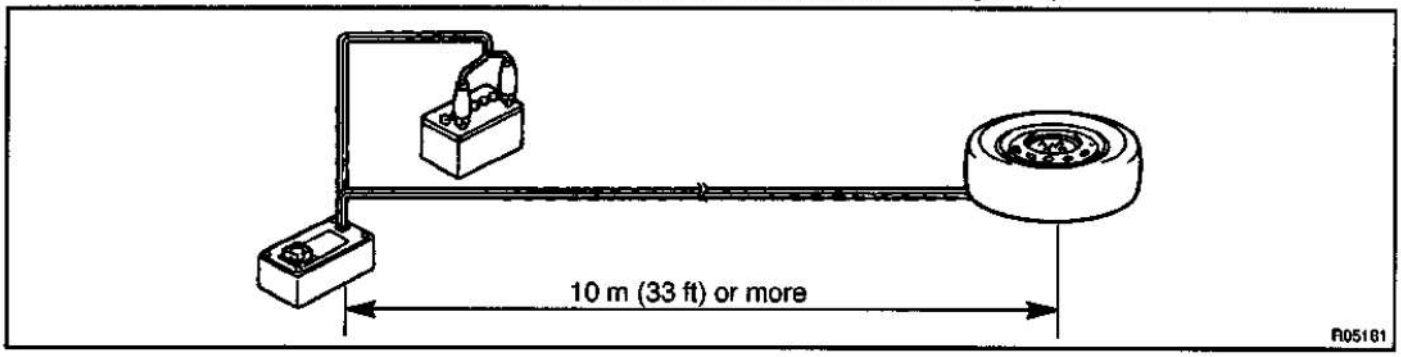
(3) Move the SST as least 10 m (33 ft) away from the disc wheel.

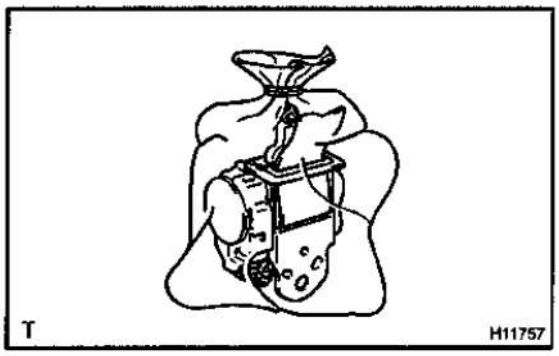
NOTICE:
Take care not to damage the SST wire harness.

(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 front seat outer belt (with seat belt pretensioner).

CAUTION:

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

(1) Remove the disc wheel and SST.
(2) Place the front seat outer belt in a vinyl bag, tie the end tightly and dispose of it in the same way as other general parts.

REPLACEMENT

REPLACEMENT REQUIREMENTS

In the following cases, replace the seat belt pretensioner.

- If the seat belt pretensioner has been activated.
- If the seat belt pretensioner has been found to be faulty in troubleshooting.
- If the front seat outer belt has been found to be faulty during checking items 1–(b) or 2–(b) (See page BO–126).
- If the front seat outer belt has been dropped.

CAUTION:

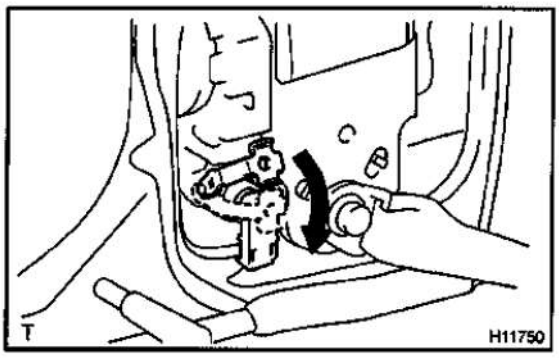
For removal and installation of the seat belt pretensioner, see page BO–124 and BO–133.
Be sure to follow the correct procedure.

BO2R9-01

INSTALLATION

NOTICE:

- **Never use a seat belt pretensioner removed from other vehicle. When replacing parts, replace them with new ones.**
- **Make sure that the front seat outer belt is installed in 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 FRONT SEAT OUTER BELT

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

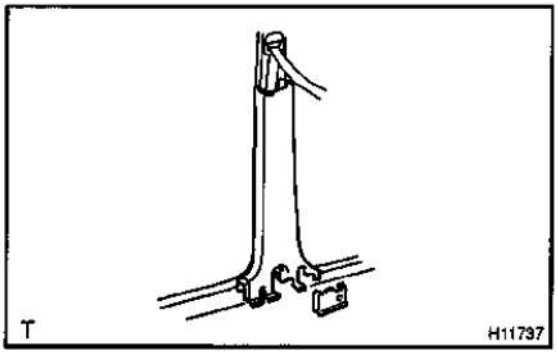
(1) Install the retractor of front seat outer belt with the bolt.

Torque:
Upper: 8.0 N·m (82 kgf·cm, 71 in.·lbf)
Lower: 42 N·m (430 kgf·cm, 31 ft·lbf)

(2) Connect the pretensioner connector as shown in the illustration.

(b) Install the shoulder anchor with the bolt.
Torque: 42 N·m (430 kgf·cm, 31 ft·lbf)

(c) Install the shoulder anchor cover.



2. INSTALL CENTER PILLAR LOWER GARNISH

(a) Install the center pillar lower garnish to the body.

(b) Install the floor anchor with bolt.
Torque: 42 N·m (430 kgf·cm, 31 ft·lbf)

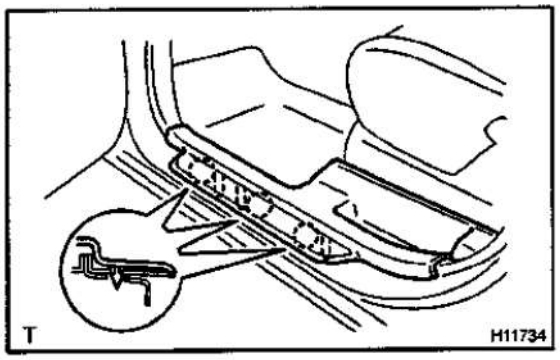
(c) Install the lower center pillar garnish cover.

3. INSTALL FRONT PART OF REAR DOOR OPENING TRIM

4. INSTALL REAR PART OF FRONT DOOR OPENING TRIM

5. INSTALL REAR DOOR SCUFF PLATE

Install the rear door scuff plate to the body.

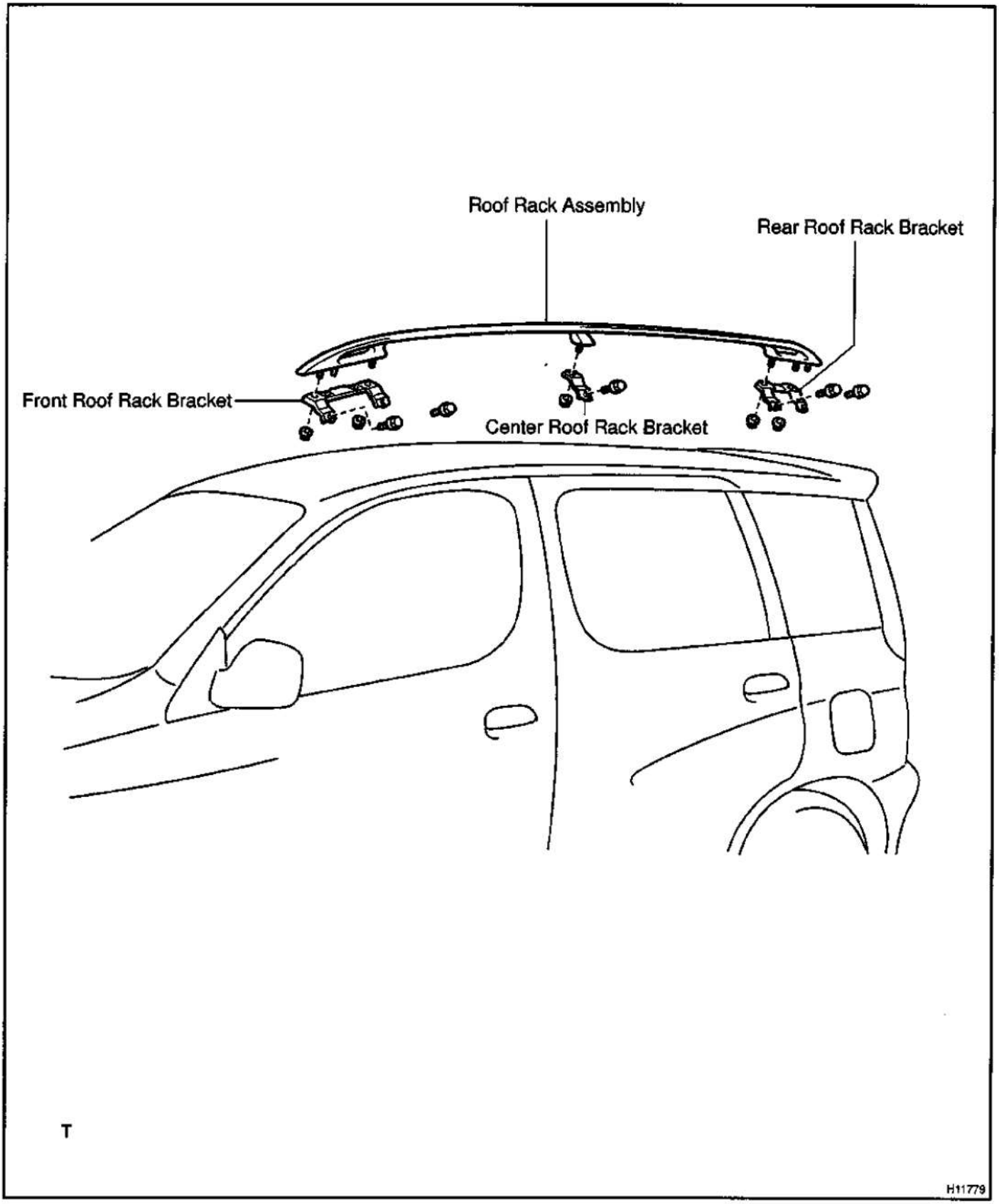


6. INSTALL FRONT DOOR SCUFF PLATE

Install the front door scuff plate to the body.

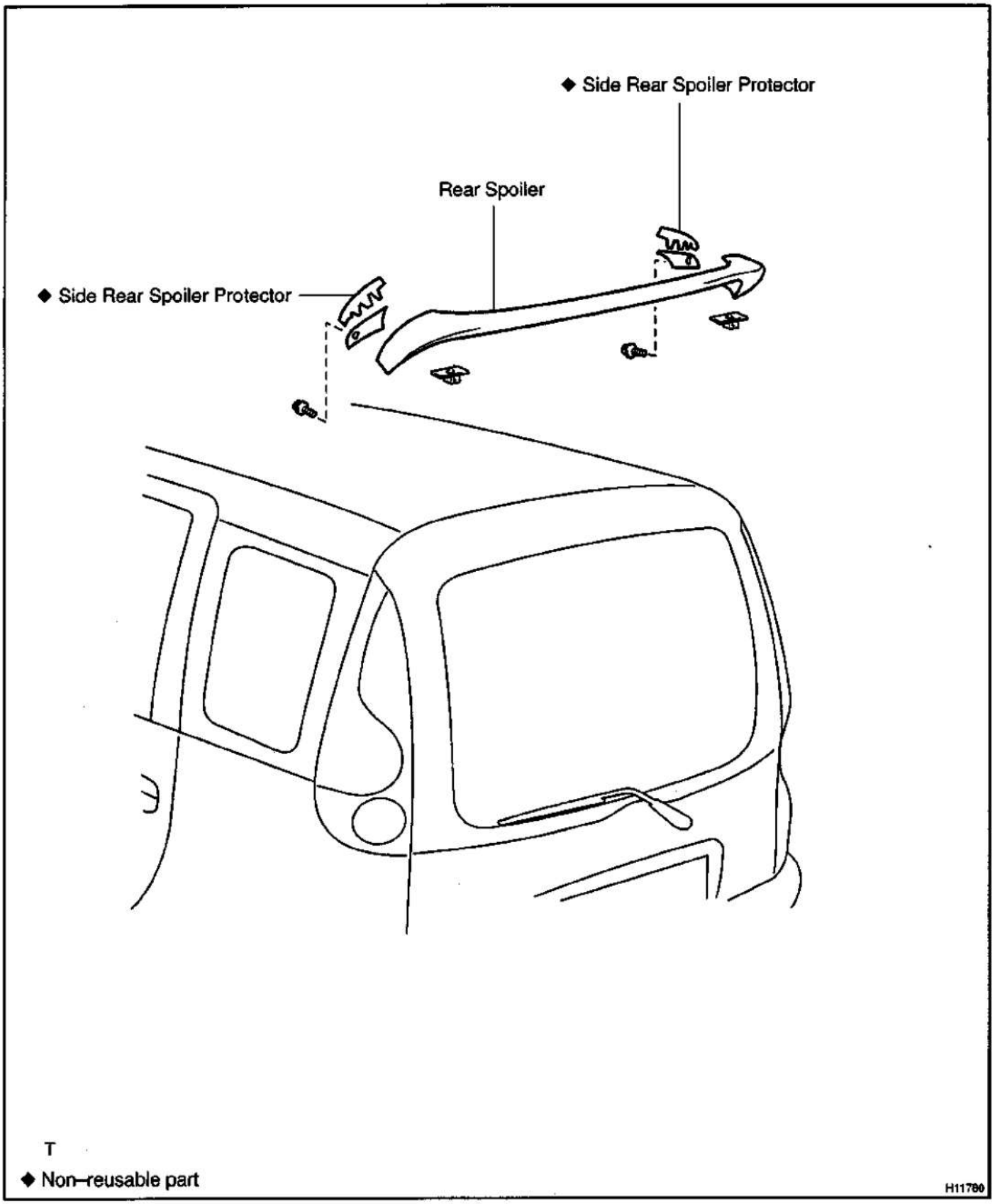
ROOF RAIL

COMPONENTS



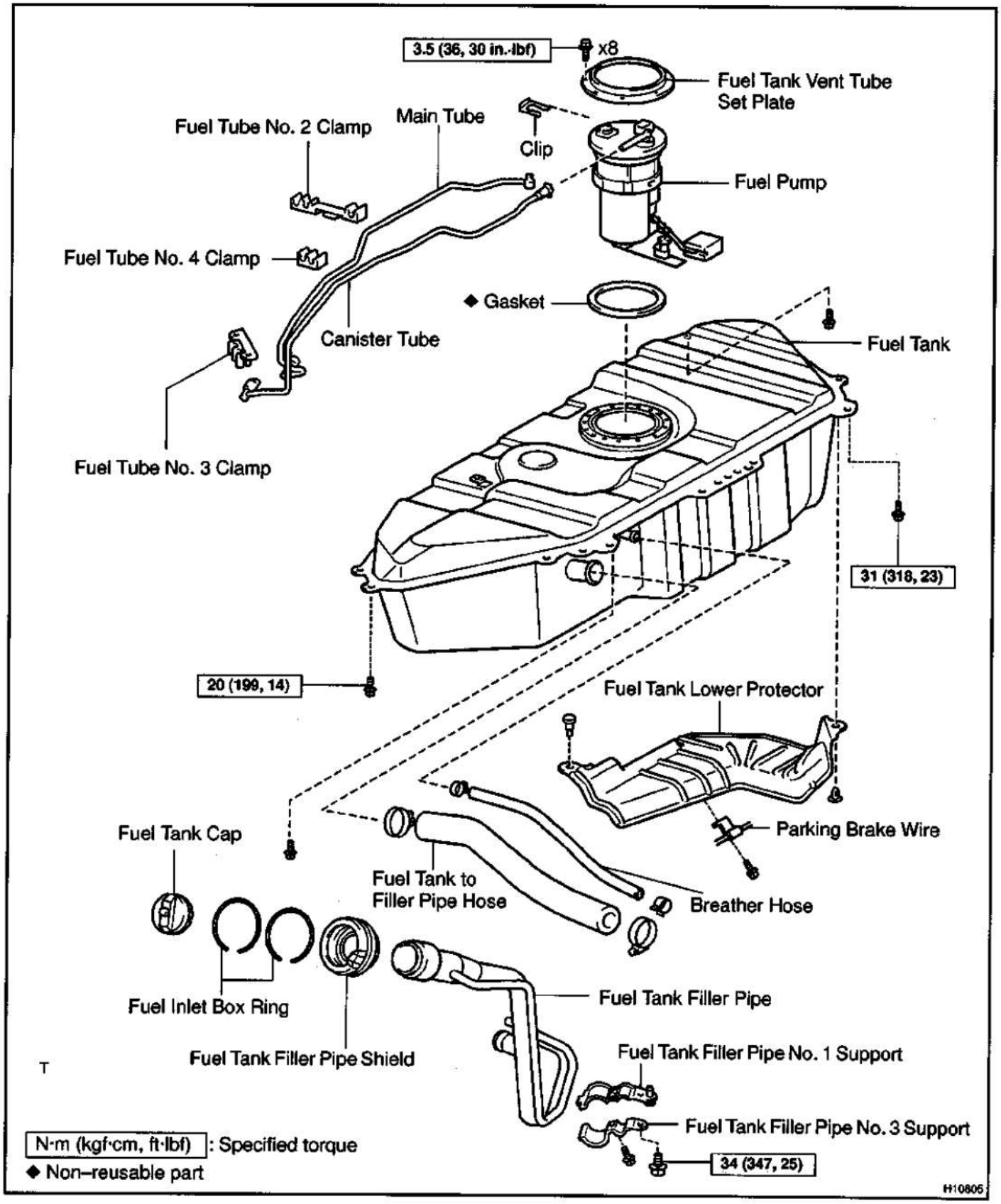
SPOILER

COMPONENTS



FUEL TANK AND LINE

COMPONENTS



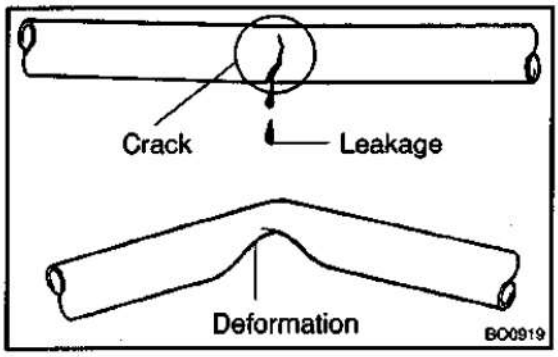
BO2IV-02

INSPECTION

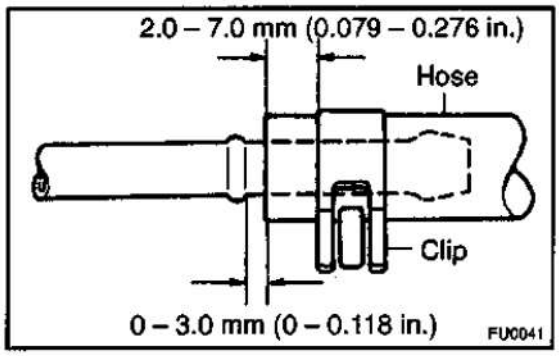
NOTICE:

- **Always use new gaskets when replacing the fuel tank or component parts.**
- **Apply the proper torque to all parts to be tightened.**

INSPECT FUEL LINES AND CONNECTIONS



(a) Check the fuel lines for cracks or leakage, and all connections for deformation.
(b) Check the fuel tank vapor vent system hoses and connections for looseness, sharp bend or damage.
(c) Check the fuel tank for deformation, cracks, fuel leakage or tank band looseness.
(d) Check the inlet pipe for damage or fuel leakage.



(e) Make sure that the hose clamps do not interfere with the tank, tubes, hoses and other parts.

If a problem is found, repair or replace the parts as necessary.