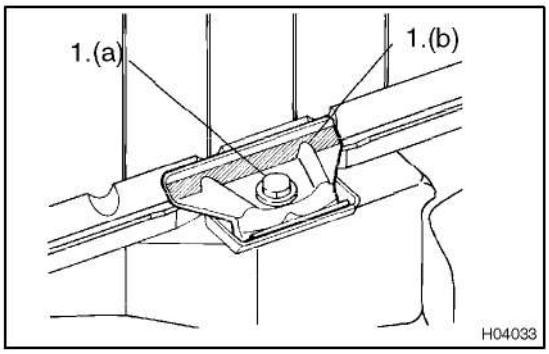
BODY

BATTERY BO–1
CLIP BO–3
SRS AIRBAG BO–5
FRONT BUMPER BO–6
REAR BUMPER BO–7
HOOD BO–10
FRONT DOOR BO–11
REAR DOOR BO–18
BACK DOOR (Liftback) BO–24
BACK DOOR (Wagon) BO–29
BACK DOOR STAY BO–34
OUTSIDE REAR VIEW MIRROR BO–35
LUGGAGE COMPARTMENT
DOOR AND HINGE BO–39
FRONT WIPER AND WASHER BO–46
REAR WIPER AND WASHER (Liftback) BO–51
REAR WIPER AND WASHER (Wagon) BO–56
BODY OUTSIDE MOULDING BO–61
ROOF DRIP SIDE FINISH MOULDING BO–65
WINDSHIELD BO–69
QUARTER WINDOW GLASS (Liftback) BO–75
QUARTER WINDOW GLASS (Wagon) BO–79
BACK WINDOW GLASS (Sedan) BO–85
BACK DOOR GLASS (Liftback) BO–91
BACK DOOR GLASS
AND MOULDING (Wagon) BO–96
SLIDING ROOF BO–102
INSTRUMENT PANEL BO–110
ROOF HEADLINING (Sedan) BO–118
ROOF HEADLINING (Liftback) BO–121
ROOF HEADLINING (Wagon) BO–124
FRONT SEAT BO–128
REAR SEAT (Sedan) BO–135
REAR SEAT (Except Sedan) BO–140
SEAT BELT BO–145
SEAT BELT PRETENSIONER BO–151
ROOF RAIL BO–160
FUEL TANK AND LINE BO–163



BATTERY

BO19F-01

REMOVAL

1. REMOVE CLAMP

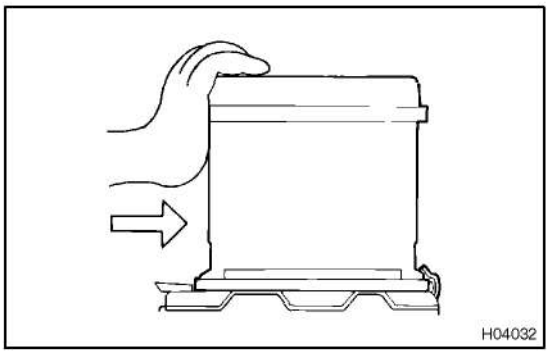
(a) Remove the bolt.

(b) Remove the clamp.

2. REMOVE BATTERY

Push the battery forward to remove it from the tray.

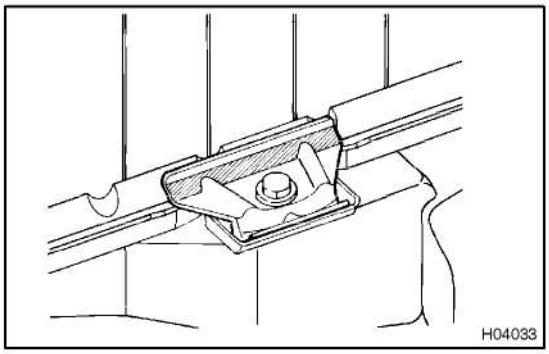
BO19G–01



INSTALLATION

1. INSTALL BATTERY

Set the battery on to the tray, and push it backward.



2. INSTALL CLAMP

Install the clamp with bolt.

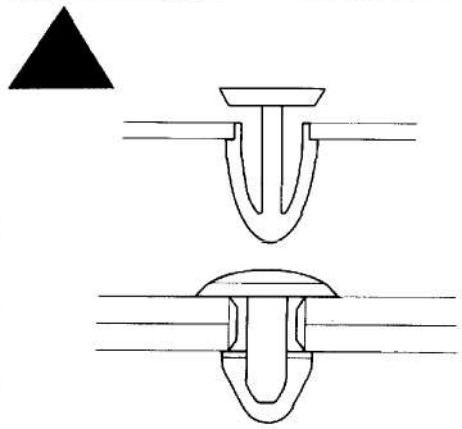
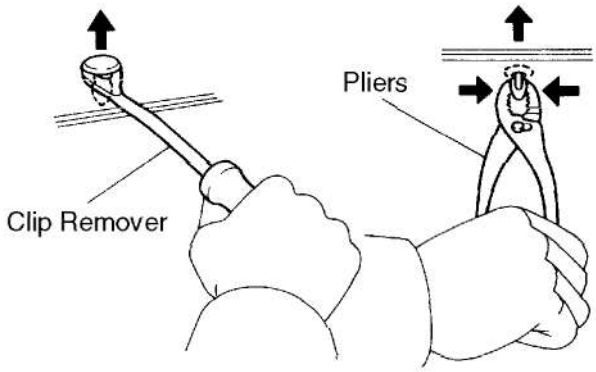
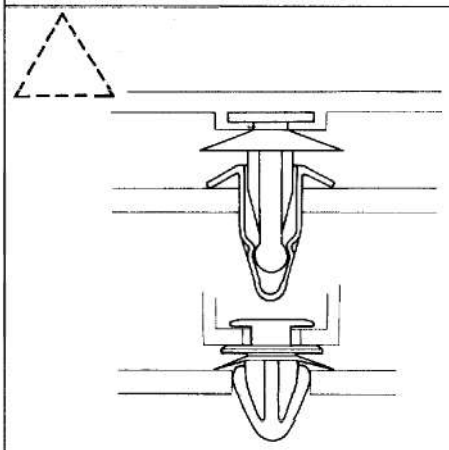
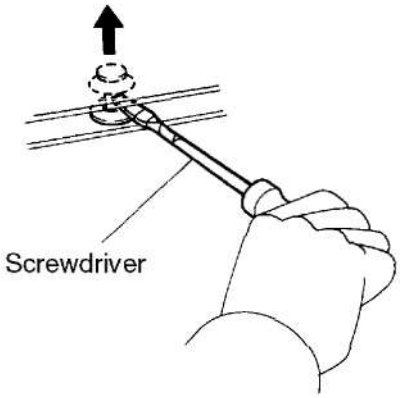
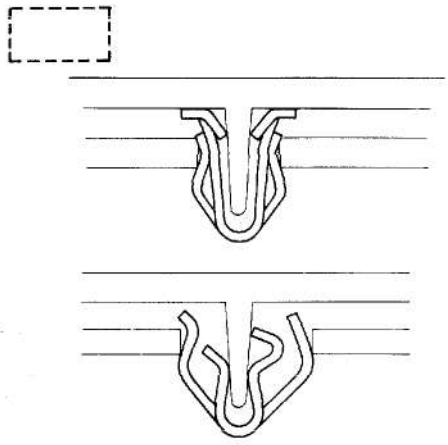
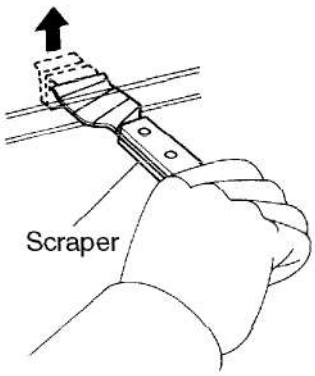
Torque: 15 N·m(153 kgf·cm, 11 ft·lbf)

CLIP

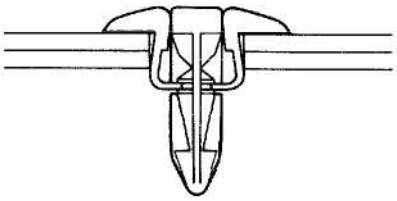
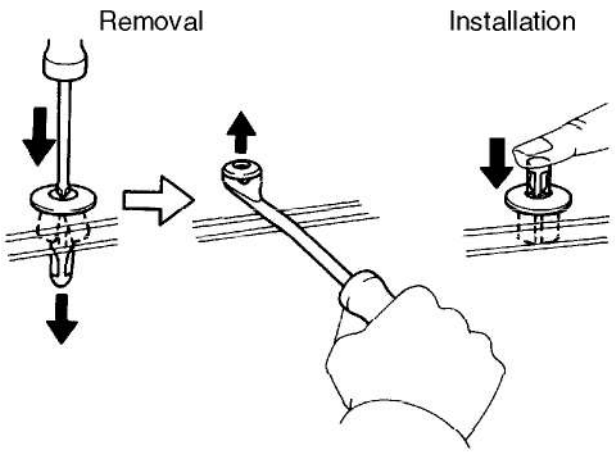
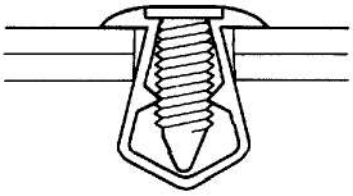
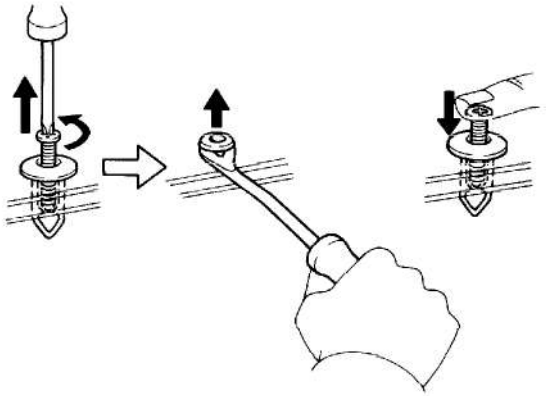
REPLACEMENT

BO19D–01

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

Shape (Example)	Removal/Installation
	
	
	

V00005

Shape (Example)	Removal/Installation
	
	

V00012

SRS AIRBAG

PRECAUTION

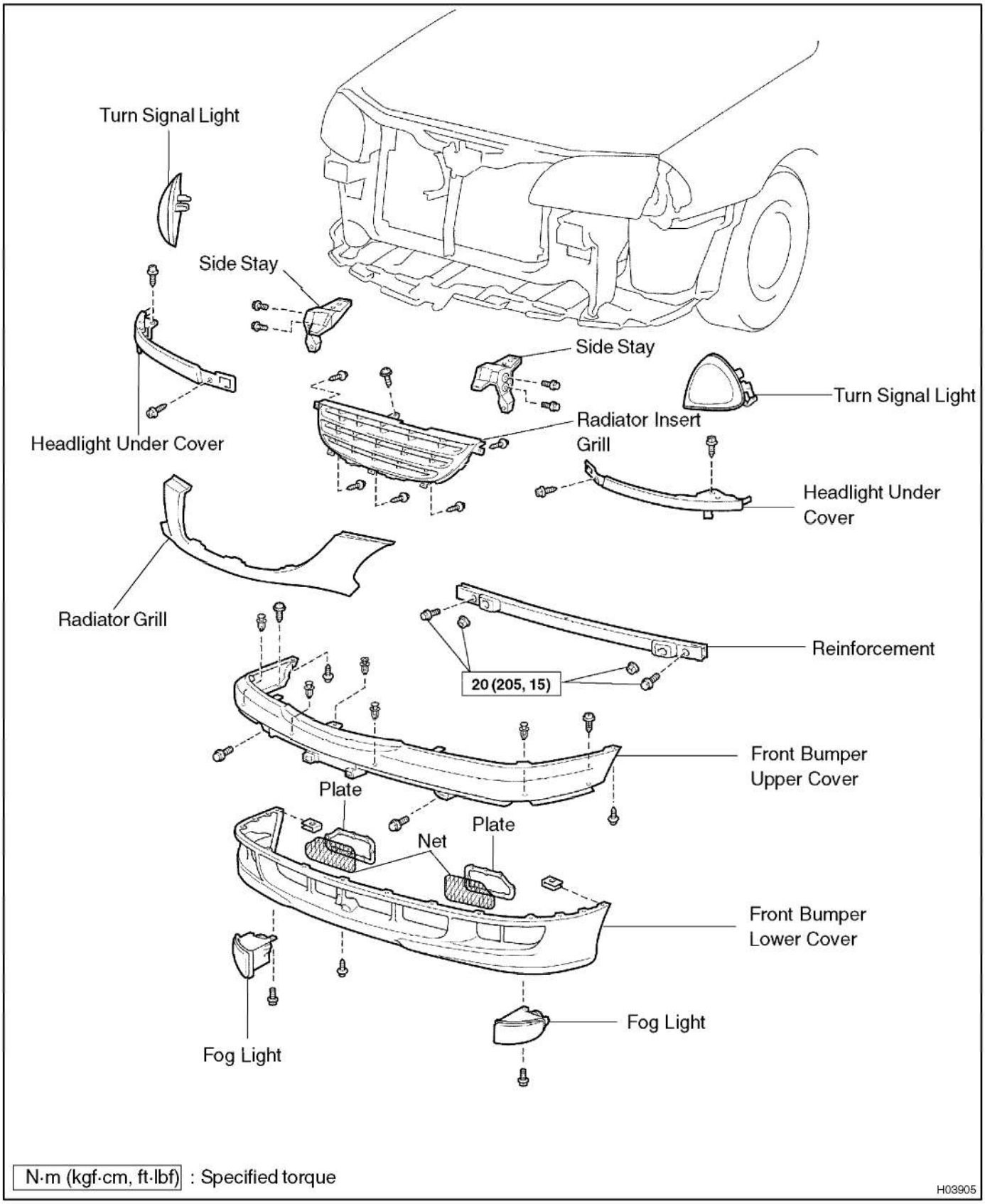
BO19E–01

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

FRONT BUMPER

COMPONENTS

BO18F–01



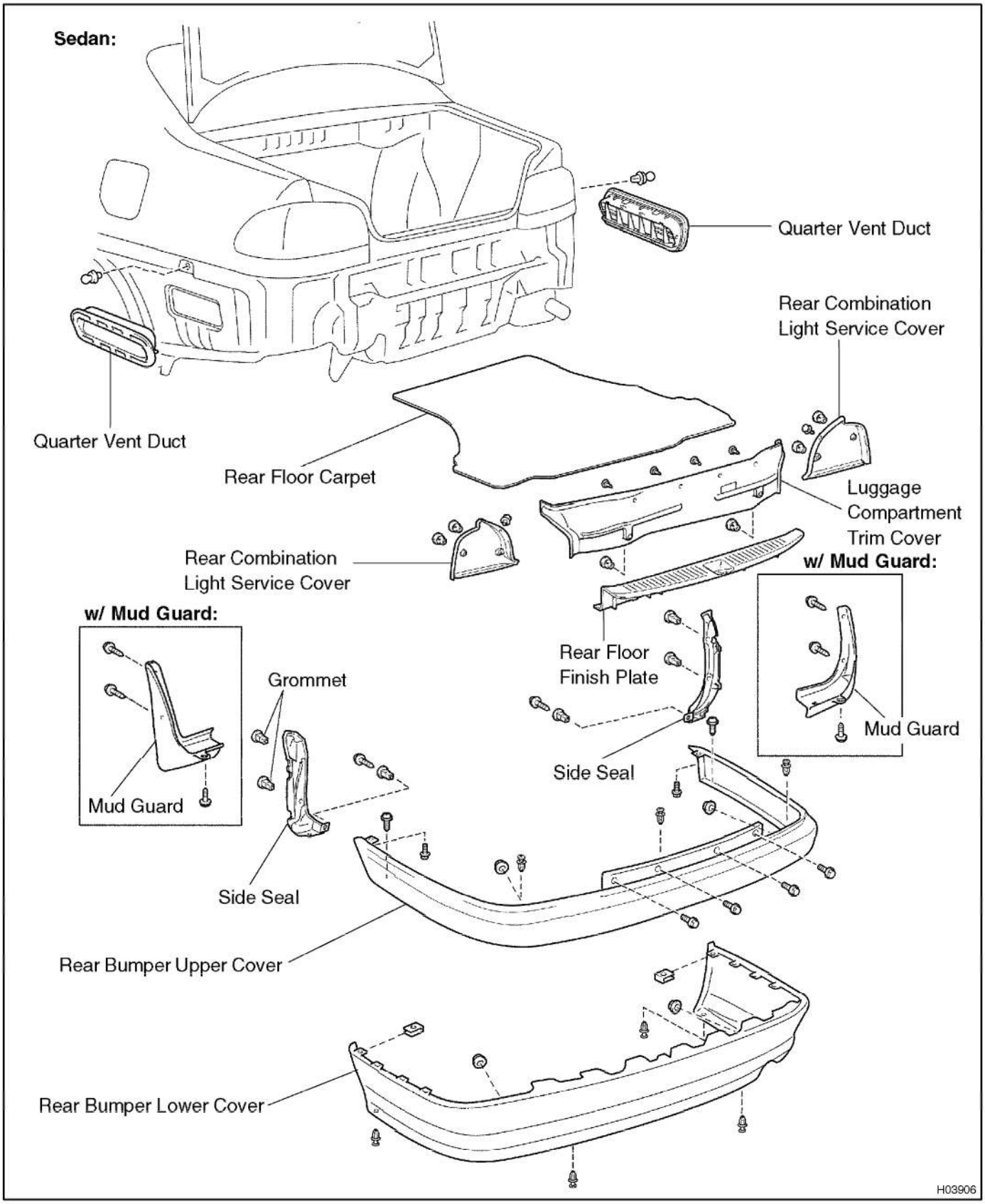
N·m (kgf·cm, ft·lbf) : Specified torque

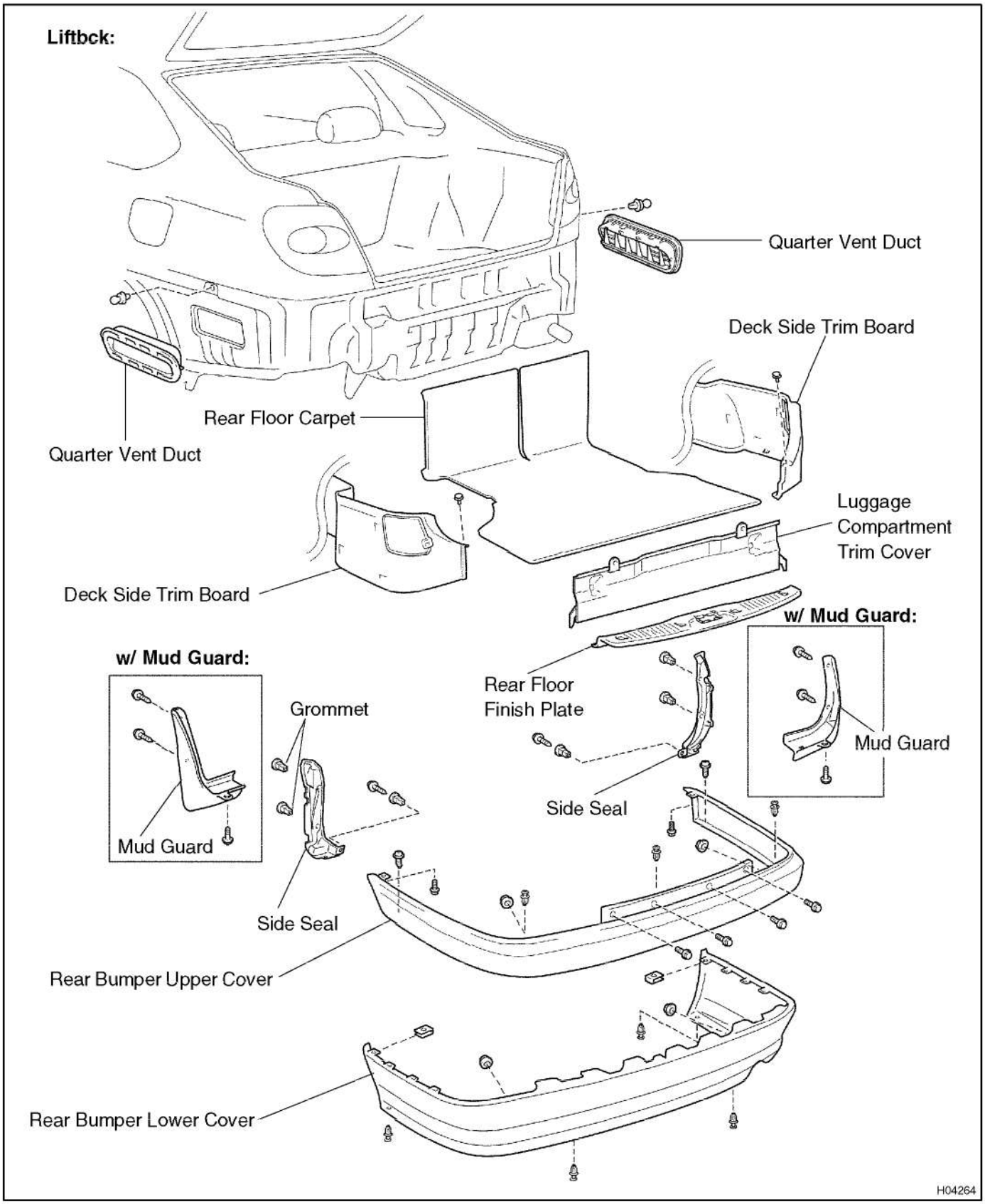
H03905

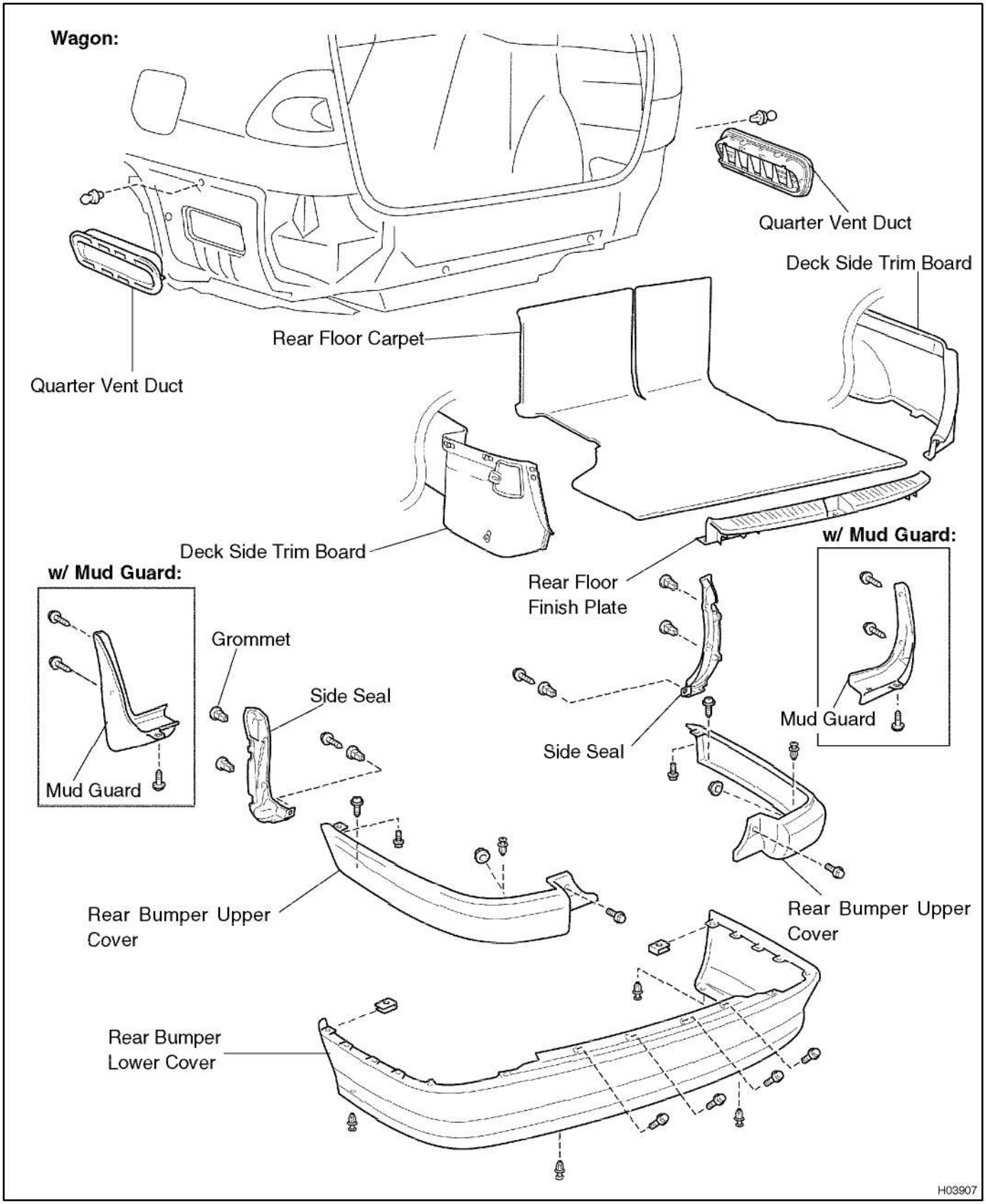
REAR BUMPER

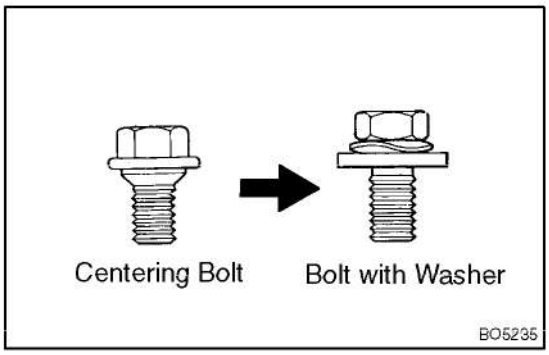
COMPONENTS

BO18G–01




Liftbck:
Quarter Vent Duct
Deck Side Trim Board
Rear Floor Carpet
Quarter Vent Duct
Luggage Compartment Trim Cover
Deck Side Trim Board
w/ Mud Guard:
w/ Mud Guard:
Rear Floor Finish Plate
Grommet
Mud Guard
Mud Guard
Side Seal
Side Seal
Rear Bumper Upper Cover
Rear Bumper Lower Cover
H04264


Wagon:
Quarter Vent Duct
Deck Side Trim Board
Rear Floor Carpet
Quarter Vent Duct
Deck Side Trim Board
w/ Mud Guard:
Rear Floor
Finish Plate
w/ Mud Guard:
Grommet
Side Seal
Mud Guard
Side Seal
Mud Guard
Rear Bumper Upper
Cover
Rear Bumper Upper
Cover
Rear Bumper
Lower Cover
H03907



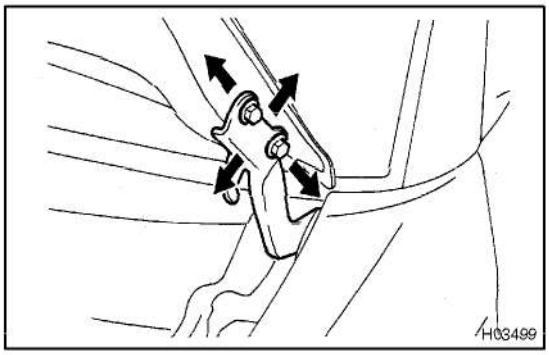
HOOD

ADJUSTMENT

BO027-02

HINT:

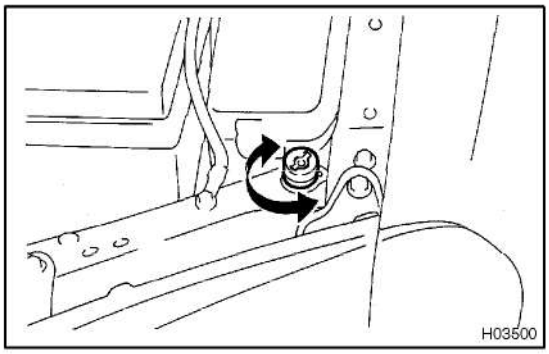
Since the centering bolt is used as a hood hinge set bolt, the hood cannot be adjusted with it on. Substitute the bolt with washer for the centering bolt.



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

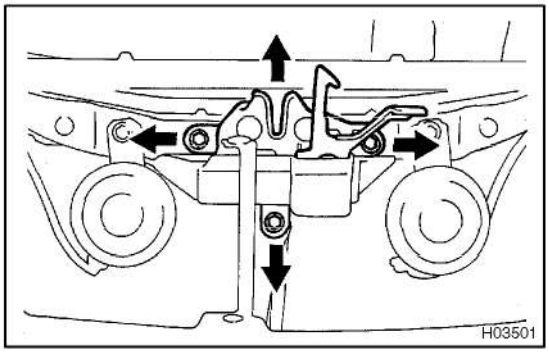
Adjust the hood by loosening the hood side hinge bolts.

Torque: 12 N·m (122 kgf·cm, 9 ft·lbf)



2. ADJUST FRONT EDGE OF HOOD IN VERTICAL DIRECTION

Adjust the hood by turning the cushions.



3. ADJUST HOOD LOCK

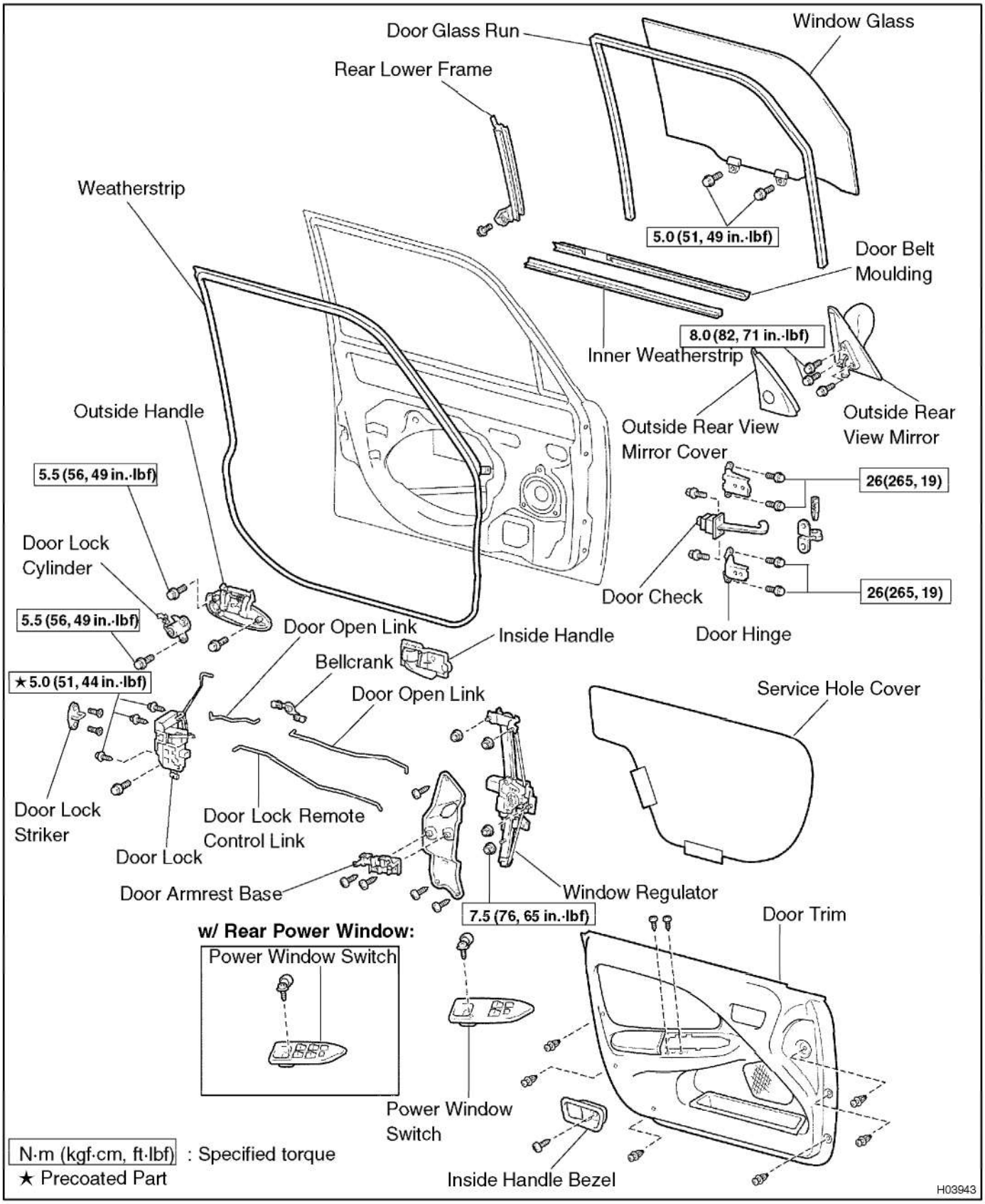
Adjust the lock by loosening the bolts.

Torque: 11 N·m (112 kgf·cm, 8 ft·lbf)

FRONT DOOR

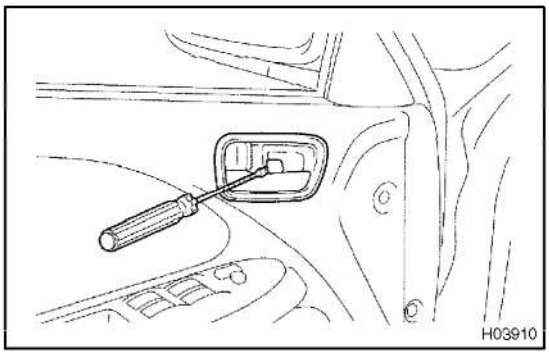
COMPONENTS

BO18H–01



BO19I–01

DISASSEMBLY



1. REMOVE INSIDE HANDLE BEZEL

(a) Using a screwdriver, raise up the plug.

HINT:

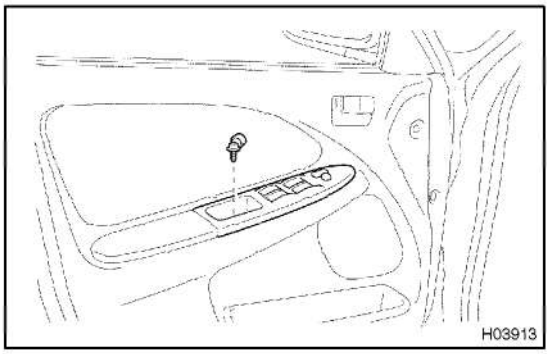
Tape the screwdriver tip before use.

(b) Remove the screw.

(c) Using a screwdriver, pry out the bezel.

HINT:

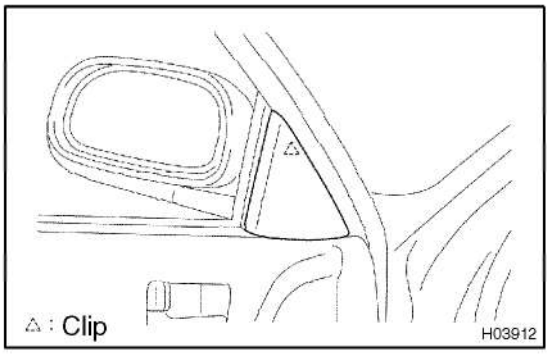
Tape the screwdriver tip before use.



2. REMOVE POWER WINDOW SWITCH

(a) Remove the screw.

(b) Pull the power window switch rearward to remove it, then disconnect the connector.

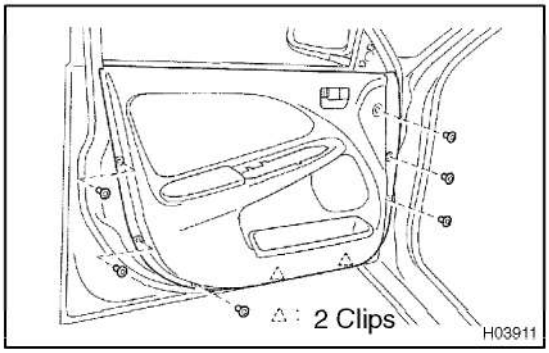


3. REMOVE MIRROR COVER

Using a screwdriver, remove the mirror cover.

HINT:

Tape the screwdriver tip before use.



4. REMOVE DOOR TRIM

(a) Remove the 2 screws and 6 clips.

(b) Pull the door trim upward to remove it.

5. REMOVE INSIDE HANDLE

(a) Disconnect the locking link and inside handle open link from the inside handle.

(b) Remove the inside handle.

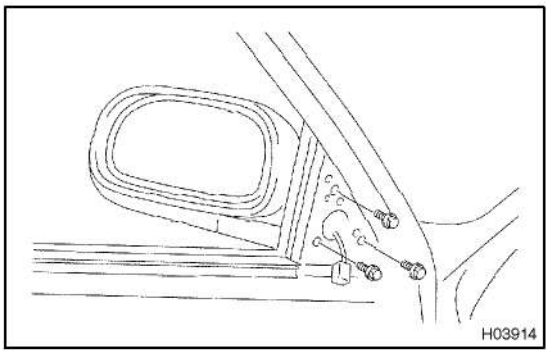
6. REMOVE THESE PARTS:

(a) Door armrest base

(b) Service hole cover

(c) Door armrest No.1 plate

(d) Inner weatherstrip



7. REMOVE OUTSIDE REAR VIEW MIRROR

(a) Remove the 2 nuts.

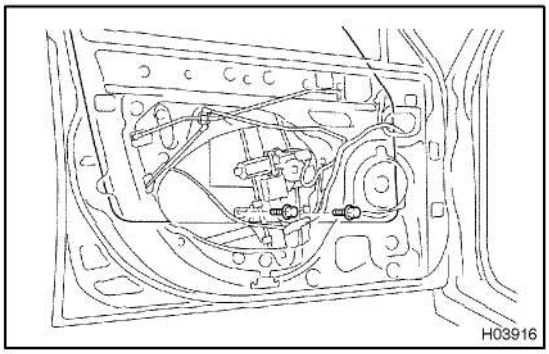
(b) Remove the outside rear view mirror, then disconnect the connector.

8. REMOVE DOOR BELT MOULDING

Using a screwdriver, remove the door belt moulding.

HINT:

Tape the screwdriver tip before use.



9. REMOVE DOOR GLASS

(a) Open the door glass until the bolts appears in the service hole.

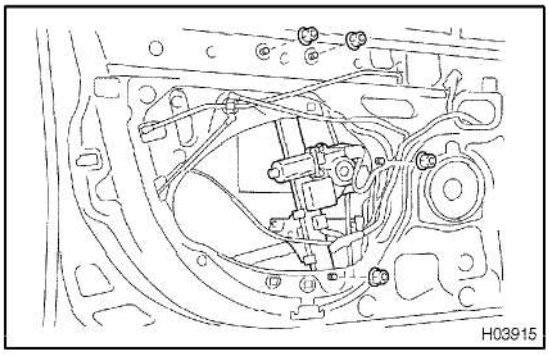
(b) Remove the 2 bolts.

NOTICE:

Be careful not to drop the door glass.

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

10. REMOVE DOOR GLASS RUN



11. REMOVE WINDOW REGULATOR

(a) Disconnect the connector.

(b) Remove the 4 nuts.

(c) Remove the window regulator through the service hole.

12. REMOVE REAR LOWER FRAME

Remove the bolt and rear lower frame.

13. REMOVE DOOR LOCK

(a) Disconnect the connector from the door lock.

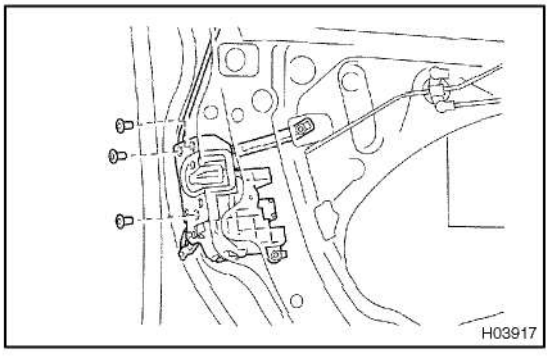
(b) Disconnect the links from the bellcrank.

(c) Using a screwdriver, remove the bellcrank.

HINT:

Tape the screwdriver tip before use.

(d) Disconnect the locking link and inside handle open link from the door lock.



(e) Remove the 3 torx screws and door lock.

14. REMOVE OUTSIDE HANDLE

Remove the 3 bolts and outside handle.

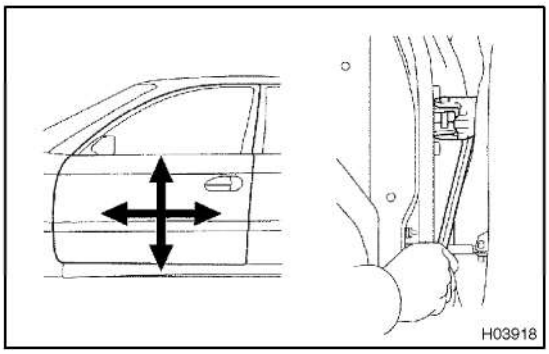
15. REMOVE DOOR LOCK CYLINDER

Remove the bolt and door lock cylinder from the outside handle.

16. REMOVE WEATHERSTRIP

BO15J–01

ADJUSTMENT

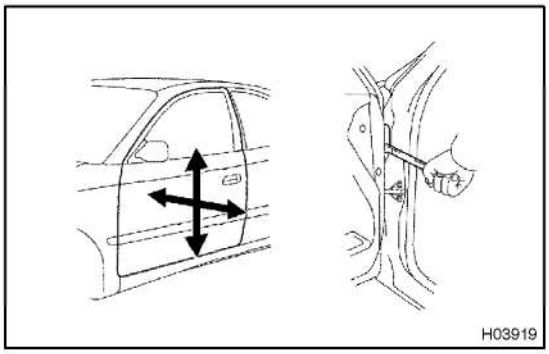


1. ADJUST DOOR IN FORWARD/REARWARD AND VERTICAL DIRECTIONS

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

SST 09812–00020

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



2. ADJUST DOOR IN LEFT/RIGHT AND VERTICAL DIRECTIONS

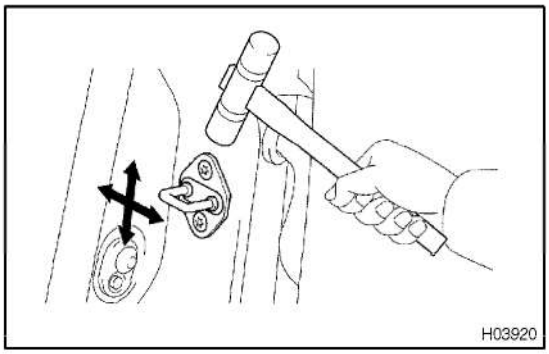
Loosen the door side hinge bolts to adjust

HINT:

Substitute the standard bolt for the centering bolt.

(See page BO–10)

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



3. ADJUST DOOR LOCK STRIKER

(a) Check that the door fits and 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. Tighten the striker mounting screws again.

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

CAUTION:

When adjustment the door lock striker, make sure you have cancelled the safety lock release lever of the seat belt pretensioner.

BO19K–01

REASSEMBLY

1. INSTALL WEATHERSTRIP

2. INSTALL DOOR LOCK CYLINDER

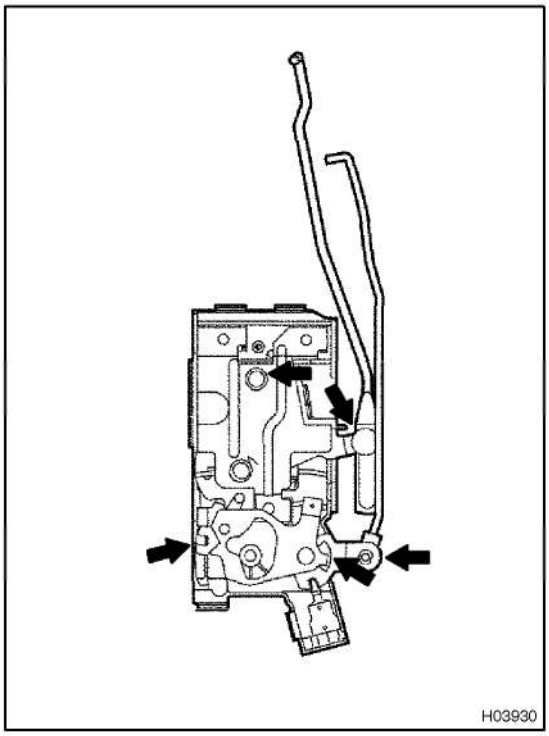
Install the door lock cylinder with the bolt to the outside handle.

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

3. INSTALL OUTSIDE HANDLE

Install the outside handle with the 2 bolts to the door panel.

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

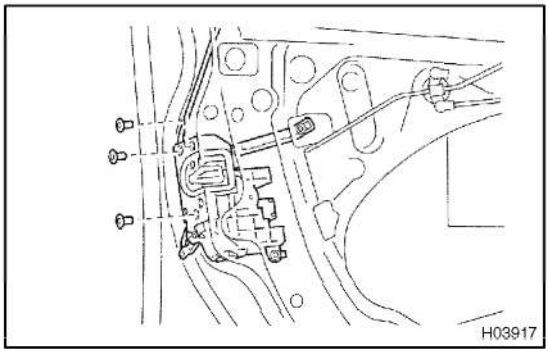


4. INSTALL DOOR LOCK

HINT:

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

(a) Install the door lock through the service hole.



(b) Install the 3 torx screws.

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

HINT:

Apply adhesive to the 3 torx screws.

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

(c) Connect the locking link, inside handle open link and bellcrank assembly to the door lock.

(d) Install the bellcrank assembly from the door panel.

(e) Connect the link to the bellcrank.

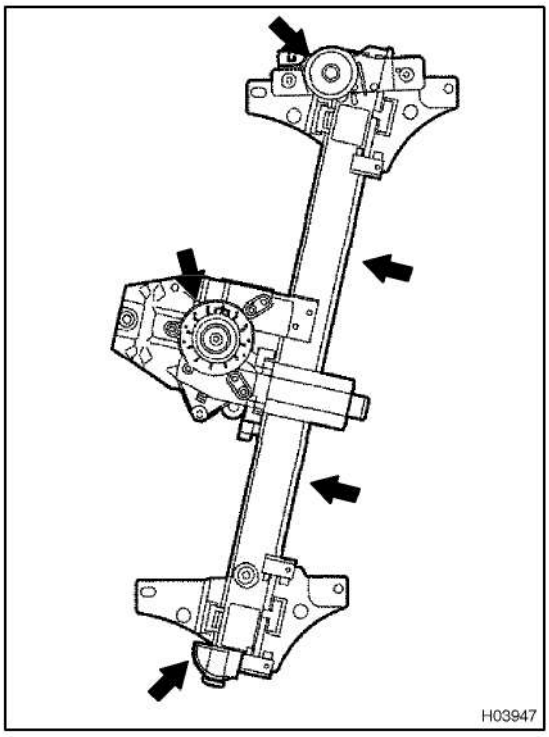
(f) Connect the connector to the door lock.

5. INSTALL PROTECTOR

Install the protector to the door panel.

6. INSTALL REAR LOWER FRAME

Install the rear lower frame with the bolt.

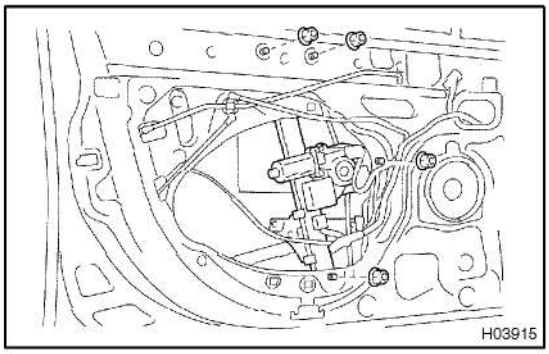


7. INSTALL WINDOW REGULATOR

HINT:

Apply MP grease to the window regulator rollers.

(a) Install the window regulator through the service hole.



(b) Install the window regulator with the 4 nuts.

Torque: 7.5 N·m (76 kgf·cm, 65 in.·lbf)

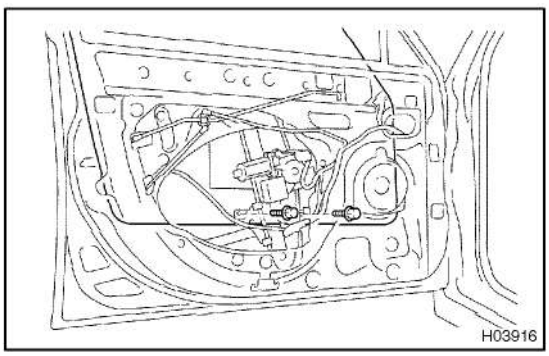
(c) Connect the connector.

HINT:

After installing the window regulator, window regulator need to be re–initialized.

Refer to BE–81.

8. INSTALL DOOR GLASS RUN



9. INSTALL DOOR GLASS

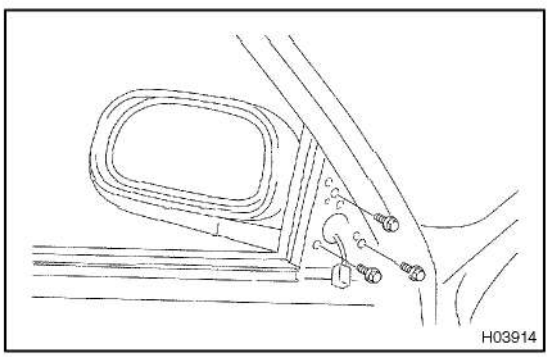
Install the door glass with the 2 bolts.

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

NOTICE:

Be careful not to drop the door glass.

10. INSTALL DOOR BELT MOULDING



11. INSTALL OUTSIDE REAR VIEW MIRROR

(a) Install the outside rear view mirror with the 3 bolts.

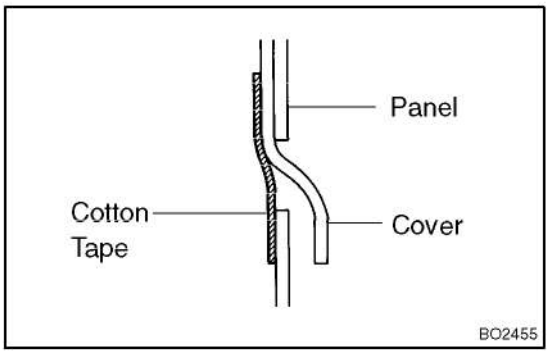
Torque: 8.0 N·m (82 kgf·cm, 71 in.·lbf)

(b) Connect the connector.

12. INSTALL THESE PARTS:

(a) Inner weatherstrip

(b) Door armrest No.1 plate



(c) Service hole cover

HINT:

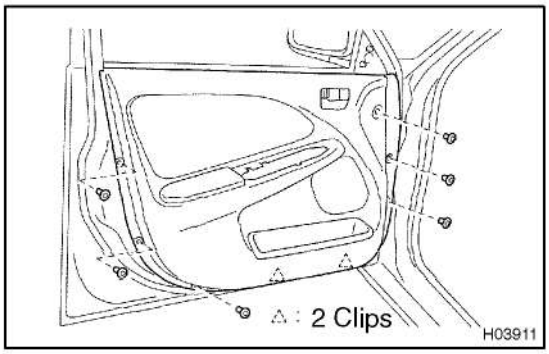
Bring out the links through the service hole cover.

(d) Door armrest base

13. INSTALL INSIDE HANDLE

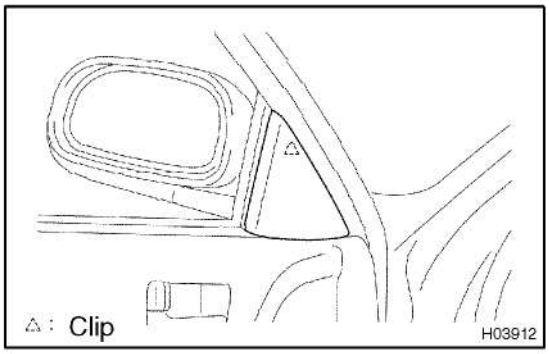
(a) Install the inside handle.

(b) Connect the 2 link to the inside handle.



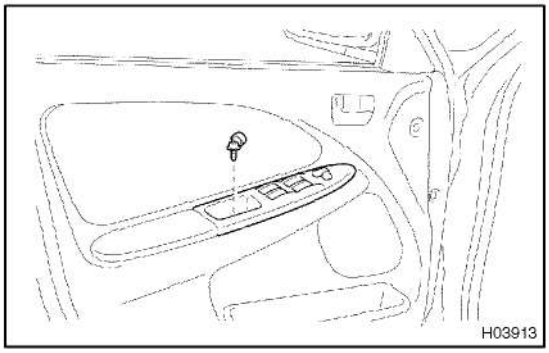
14. INSTALL DOOR TRIM

Install the door trim with the 2 screws and 6 clips.



15. INSTALL MIRROR COVER

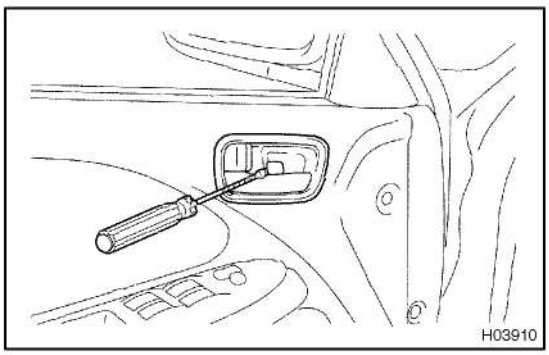
Install the mirror cover.



16. POWER WINDOW SWITCH

(a) Connect the connector.

(b) Set the claw, install the power window switch with the screw.



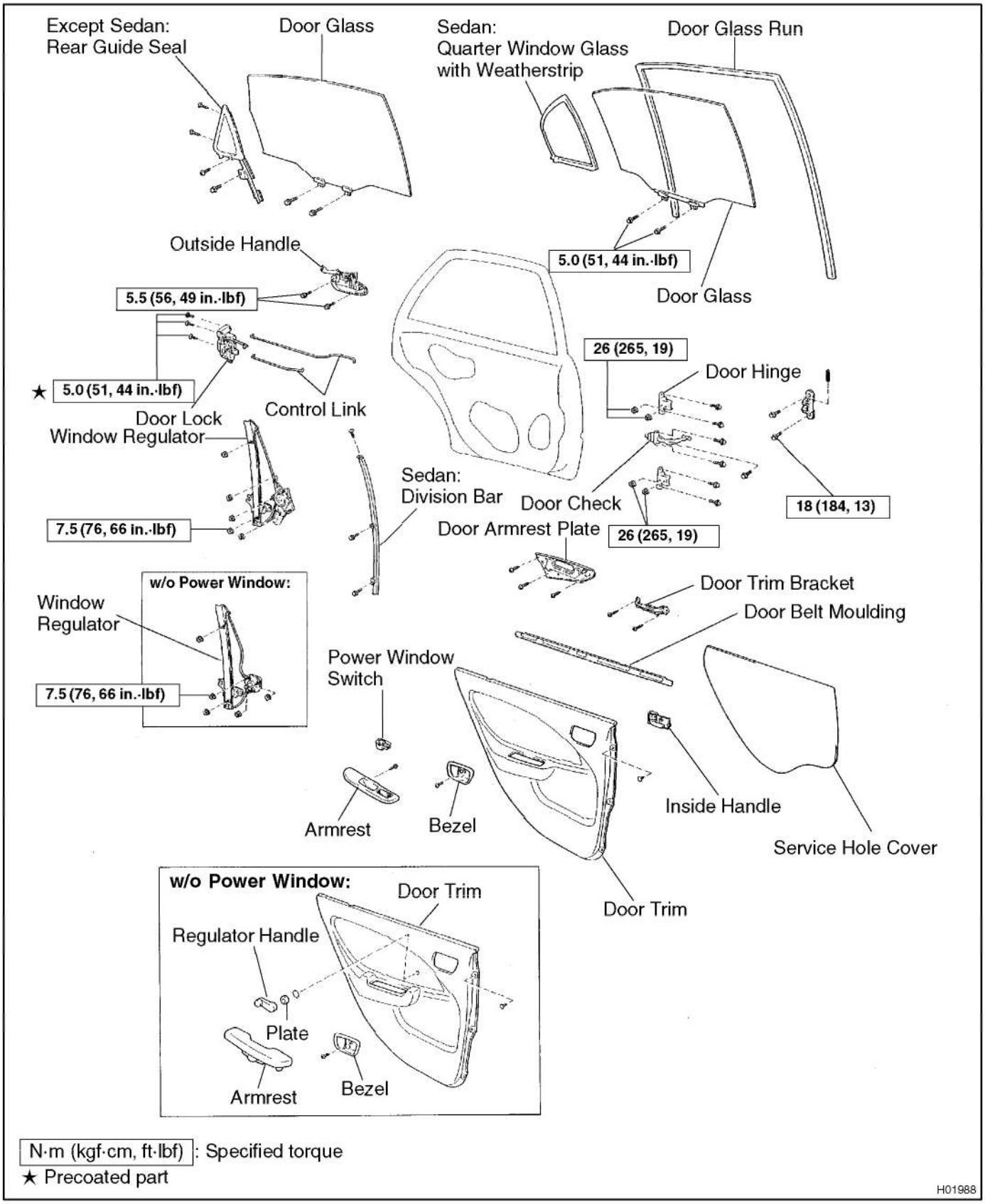
17. INSTALL INSIDE HANDLE BEZEL

Install the inside handle bezel with the screw and cover it by cap.

REAR DOOR

COMPONENTS

BO1B6–01

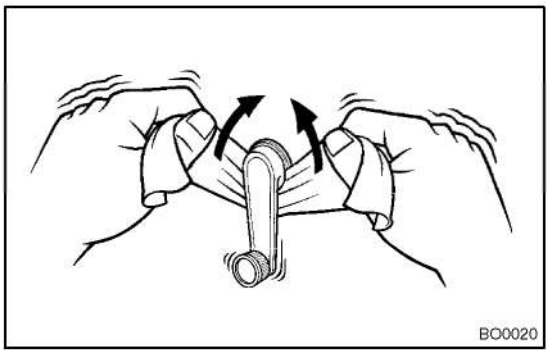


N·m (kgf·cm, ft·lbf) : Specified torque
★ Precoated part

H01988

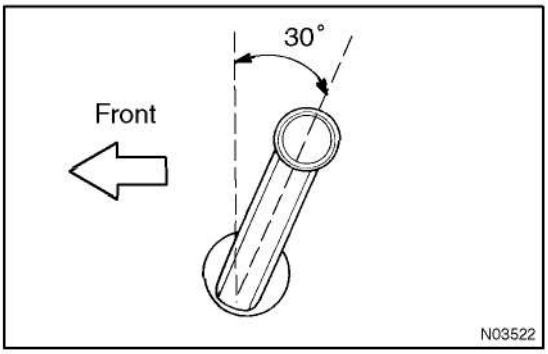
BO187-01

DISASSEMBLY



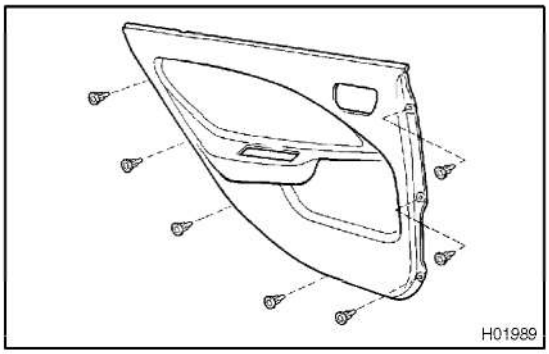
1. w/o Power Window:
REMOVE REGULATOR HANDLE

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 door window fully closed, install the plate and the regulator handle with the snap ring, as shown in the illustration.

2. REMOVE THESE PARTS:
(a) w/ Power Window:
Power window switch
(b) Armrest



3. REMOVE DOOR TRIM
(a) Remove 7 clips.
(b) Insert a screwdriver between the door and door trim to pry out.

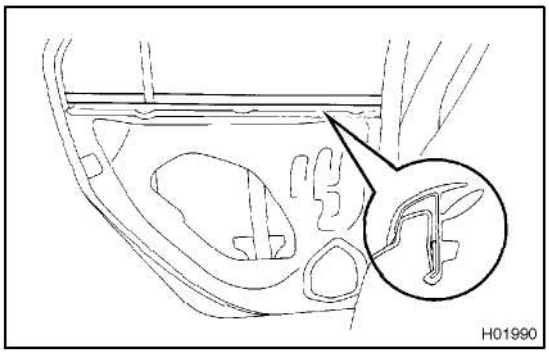
NOTICE:
Be careful not to damage the door and door trim.
HINT:
Tape the screwdriver tip before use.
(c) Pull the trim upward to remove it.

4. REMOVE THESE PARTS:
(a) Door trim bracket
(b) Inside handle

5. REMOVE SERVICE HOLE COVER
Remove the service hole cover.

NOTICE:
At the time of reassembly, please refer to the following item.
Do not block the trim clips sealing with the service hole cover.
HINT:
At the time of reassembly, please refer to the following item.
Bring out the links through the service hole cover.

6. REMOVE THESE PARTS:
(a) Door Armrest plate
(b) Door glass run

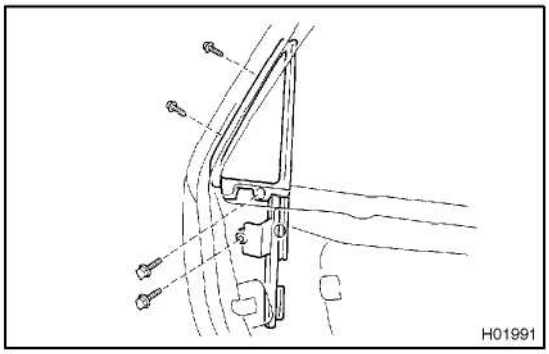


7. REMOVE DOOR BELT MOULDING

Using a screwdriver, remove the door belt moulding as shown in the illustration.

HINT:

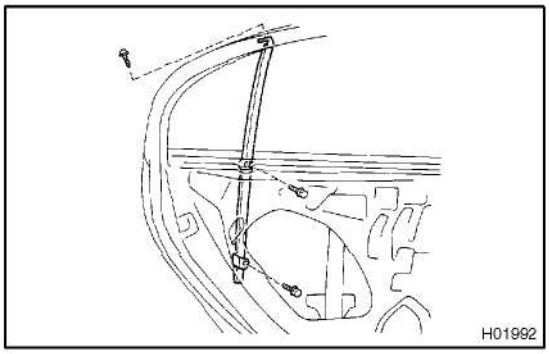
Tape the screwdriver tip before use.



8. Except sedan:
REMOVE REAR GUIDE SEAL

(a) Remove the 4 screws.

(b) Remove the rear guide seal.



9. Sedan:
REMOVE DIVISION BAR

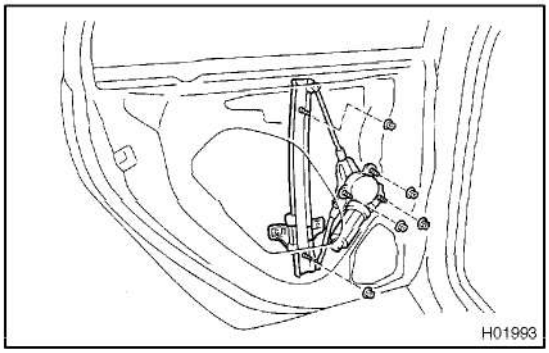
(a) Remove the screw and 2 bolts.

(b) Remove the division bar.

10. REMOVE THESE PARTS:

(a) Door glass

(b) Sedan:
Quarter window glass with weatherstrip



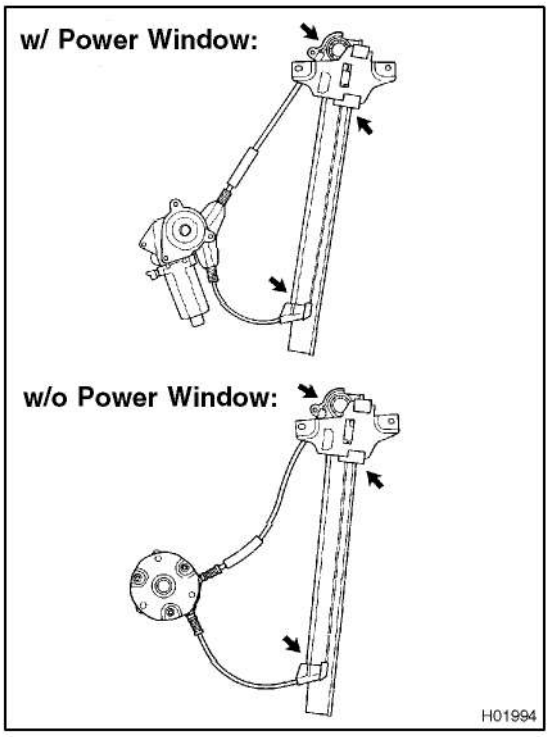
11. REMOVE WINDOW REGULATOR

(a) w/ Power Window:
Disconnect the connector, then remove the nuts and window regulator.
Torque: 7.5 N·m (76 kgf·cm, 66 in.·lbf)

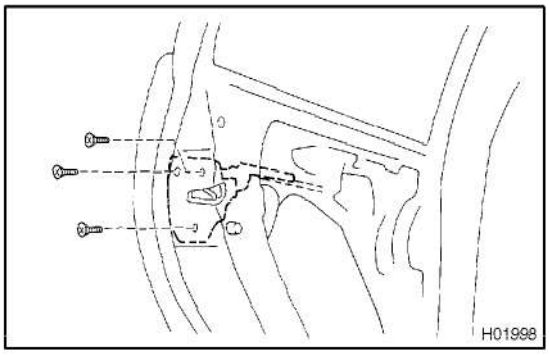
(b) w/o Power Window:
Remove the nuts and window regulator.
Torque: 7.5 N·m (76 kgf·cm, 66 in.·lbf)

HINT:

Remove the regulator through the service hole.



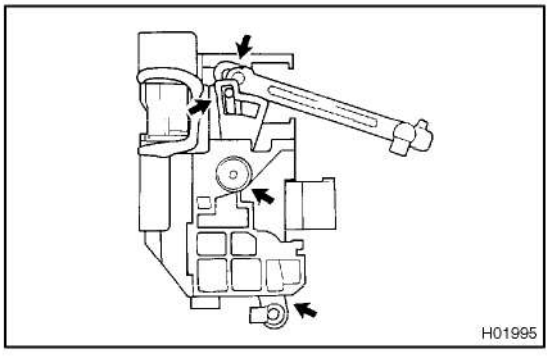
HINT:
At the time of reassembly, please refer to the following item.
Apply MP grease to the window regulator.
HINT:
After installing the window regulator, window regulator need to be re–initialized.
Refer to BE–81.



12. REMOVE DOOR LOCK

(a) Remove the 2 links.
(b) w/ Power Door Lock:
Disconnect the connector.
(c) Remove the 3 torx screws.
(d) Remove the door lock.
Torque: 5.0 N·m (51 kgf·cm, 44 in.·lbf)

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



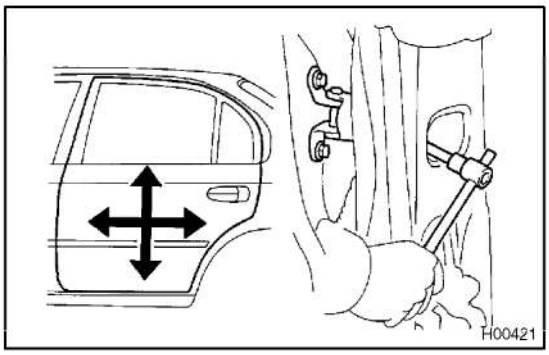
HINT:
At the time of reassembly, please refer to the following item.
Apply MP grease to the sliding and rotating parts of the door lock.

13. REMOVE OUTSIDE HANDLE

(a) Remove the 2 bolts.
Torque: 5.5 N·m (56 kgf·cm, 49 in.·lbf)
(b) Remove the outside handle.

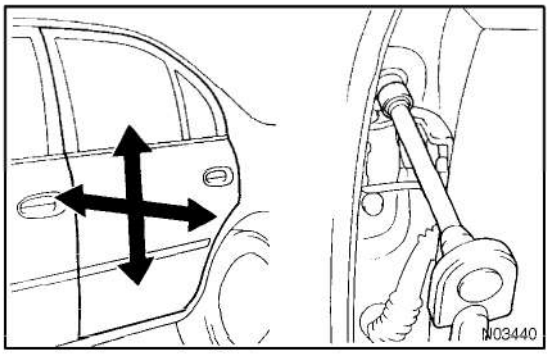
BO1B8–01

ADJUSTMENT



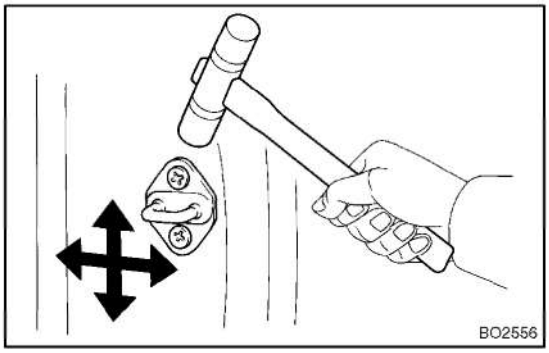
1. ADJUST DOOR IN FORWARD/REARWARD AND VERTICAL DIRECTIONS

(a) Remove the front door scuff plate.
(b) Remove the center pillar garnish.
(c) Remove the front seat belt.
(See page BO–145)
(d) Loosen the body side hinge nuts to adjust.
Torque: 26 N·m (265 kgf·cm, 19 ft·lbf)
(e) Install the removed parts.



2. ADJUST DOOR IN RIGHT/LEFT AND VERTICAL DIRECTIONS

Loosen the door side hinge bolts to adjust.
Torque: 26 N·m (265 kgf·cm, 19 ft·lbf)



3. ADJUST DOOR LOCK STRIKER

(a) Check that the door fit and 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.

BO1B9–01

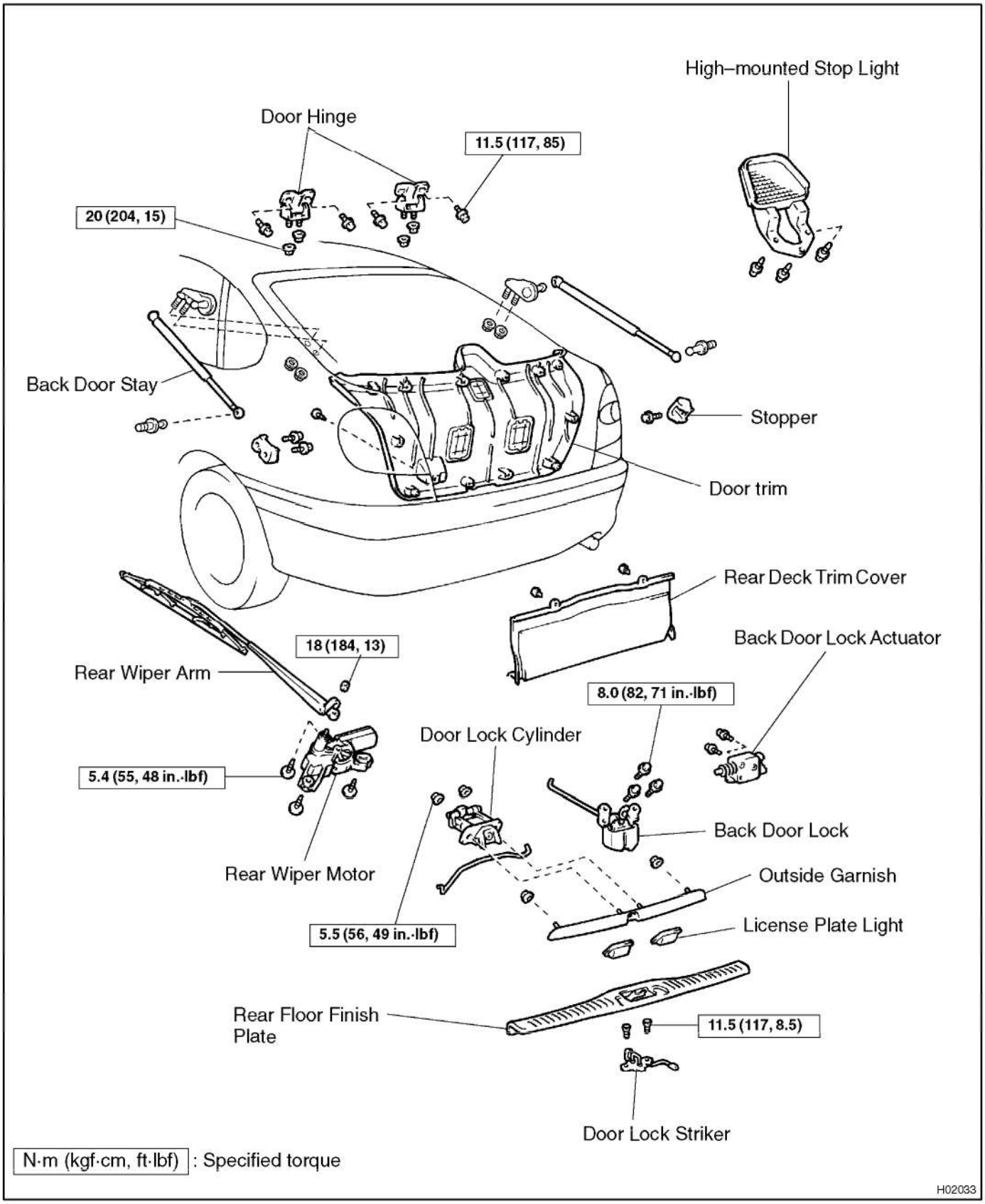
REASSEMBLY

Reassembly is in the reverse order of disassembly (See page BO–19).

BACK DOOR (Liftback)

COMPONENTS

BO1BD–01



BO15E–01

DISASSEMBLY

1. REMOVE DOOR TRIM

(a) Remove the screw.

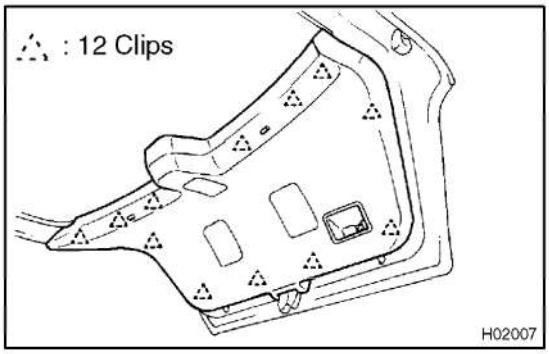
(b) Insert a screwdriver between the door and door trim to pry out.

NOTICE:

Be careful not to damage the door and door trim.

HINT:

Tape the screwdriver tip before use.



(c) Pull the trim to remove it.

2. REMOVE THESE PARTS:

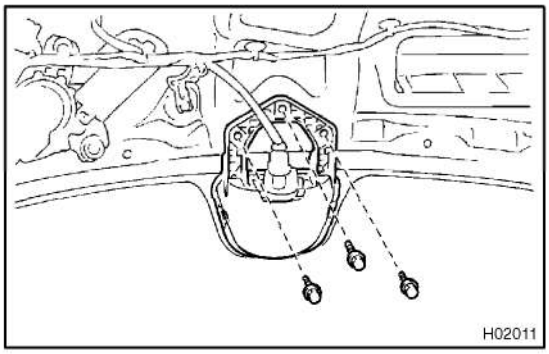
(See page BO–52)

(a) Rear wiper arm

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

(b) Rear wiper motor

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

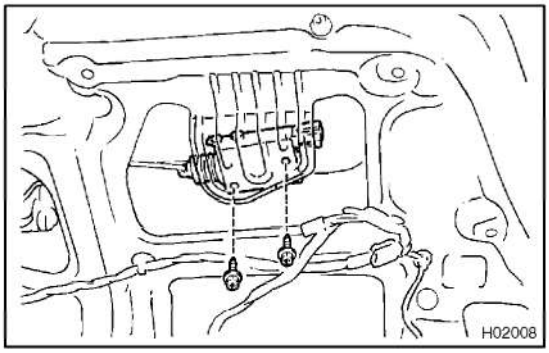


3. REMOVE HIGH–MOUNTED STOP LIGHT

(a) Disconnect the connector.

(b) Remove the 3 bolts.

(c) Remove the high–mounted stop light.

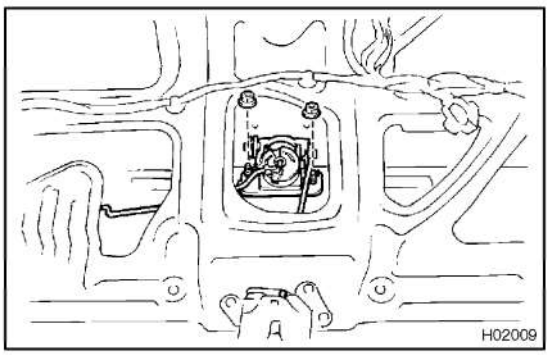


4. REMOVE BACK DOOR LOCK ACTUATOR

(a) Disconnect the control link from the back door lock actuator.

(b) Disconnect the connector.

(c) Remove the 2 screws.



5. REMOVE BACK DOOR LOCK CYLINDER

(a) Disconnect the 2 links.

(b) Remove the 2 nuts.

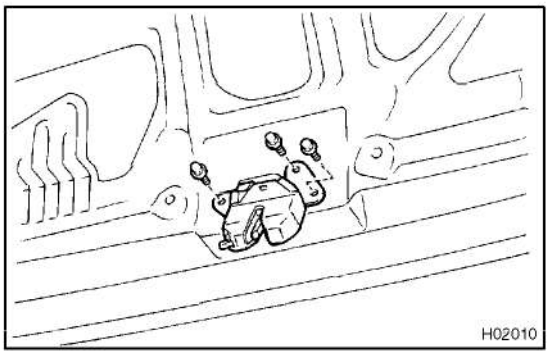
Torque: 5.5 N·m (56 kgf·cm, 49 in·lbf)

(c) Remove the door lock cylinder.

6. REMOVE THESE PARTS:

(a) Outside garnish

(b) License plate light



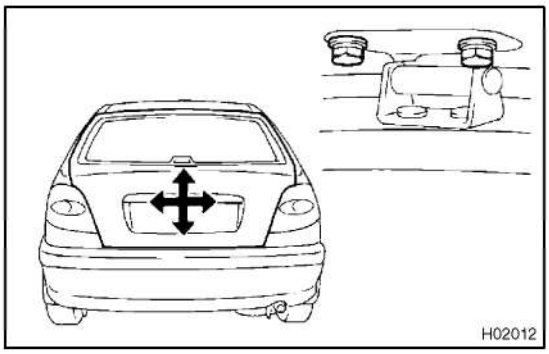
7. REMOVE BACK DOOR LOCK

(a) Remove the 3 bolts and back door lock.
Torque: 8.0 N·m (82 kgf·cm, 71 ft·lbf)

(b) Disconnect the control link from the back door lock.

BO1BF-01

ADJUSTMENT



1. ADJUST DOOR IN RIGHT/LEFT AND VERTICAL DIRECTIONS

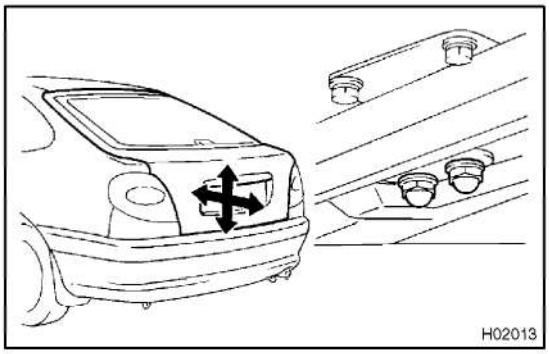
Loosen the door side hinge bolts to adjust.

Torque: 11.5 N·m (117 kgf·cm, 8.5 ft·lbf)

HINT:

Substitute the bolt with washer for the centering bolt.

(See page BO–10)



2. ADJUST DOOR IN FORWARD/REARWARD AND VERTICAL DIRECTION

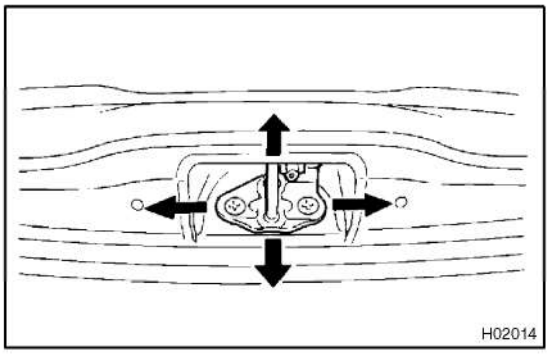
Loosen the body side hinge nuts to adjust.

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

HINT:

Substitute the bolt with washer for the centering bolt.

(See page BO–10)



3. ADJUST DOOR LOCK STRIKER

(a) Remove the rear deck trim cover.

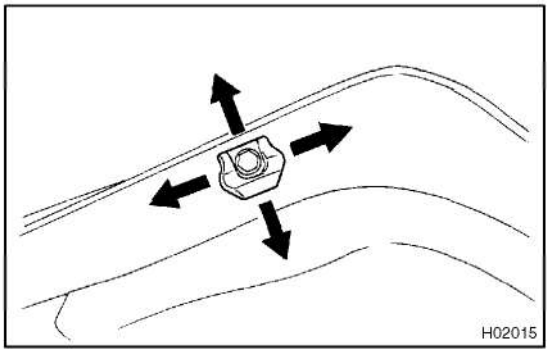
(b) Remove the rear floor finish plate.

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

(d) Loosen the striker mounting screws to adjust.

Torque: 11.5 N·m (117 kgf·cm, 8.5 ft·lbf)

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



4. ADJUST DOOR MALE STOPPER

Loosen the stopper mounting bolts to adjust.

BO1BG–01

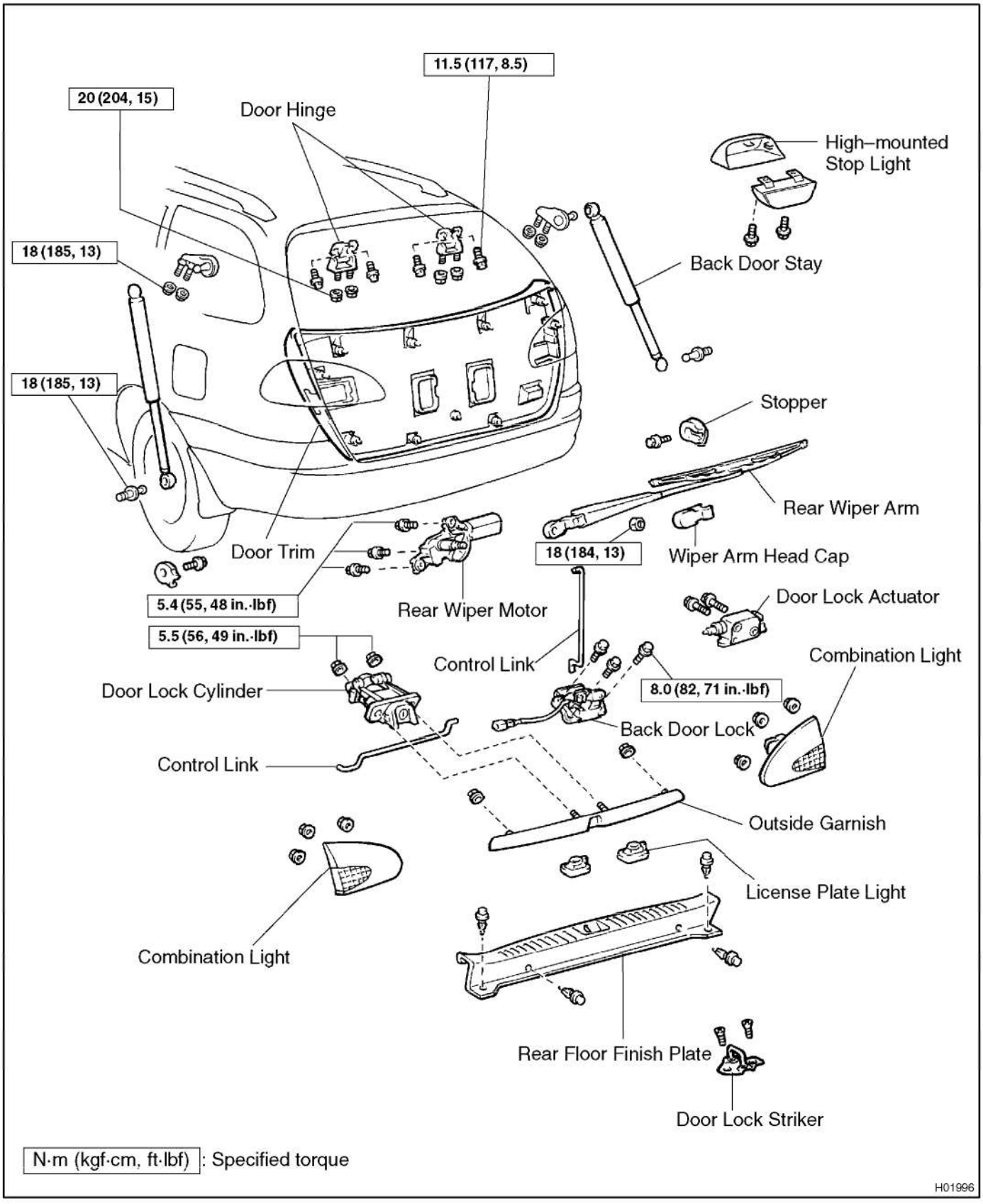
REASSEMBLY

Reassembly is in the reverse order of disassembly (See page BO–25).

BACK DOOR (Wagon)

COMPONENTS

BO1AK–01



BO1AL–01

DISASSEMBLY

1. REMOVE HIGH–MOUNTED STOP LIGHT

(a) Remove high–mounted stop light cover.

(b) Disconnect the connector.

(c) Remove the 2 bolts, then remove the light.

2. REMOVE DOOR TRIM

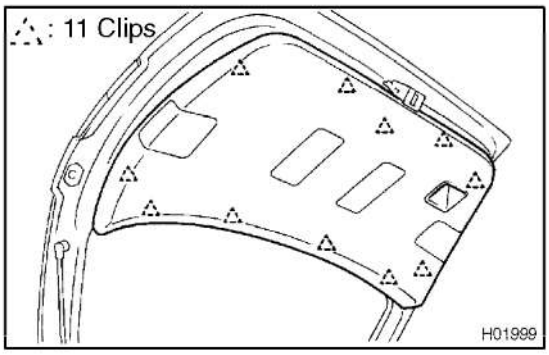
(a) Insert a screwdriver between the door and door trim to pry out.

NOTICE:

Be careful not to damage the door and door tirm.

HINT:

Tape the screwdriver tip before use.



(b) Pull off the trim to remove it.

3. REMOVE THESE PARTS:

(See page BO–57)

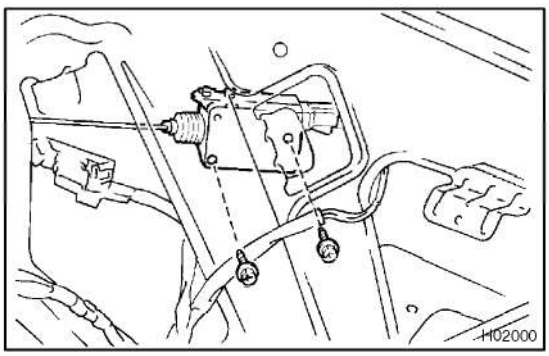
(a) Wiper arm head cap

(b) Rear wiper arm

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

(c) Rear wiper motor

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

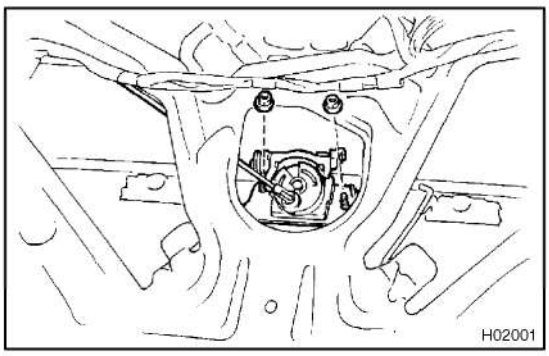


4. REMOVE BACK DOOR LOCK ACTUATOR

(a) Disconnect the control link from the back door lock actuator.

(b) Disconnect the connector.

(c) Remove the 2 screws.



5. REMOVE BACK DOOR LOCK CYLINDER

(a) Disconnect the 2 links.

(b) Remove the 2 nuts.

(c) Remove the door lock cylinder.

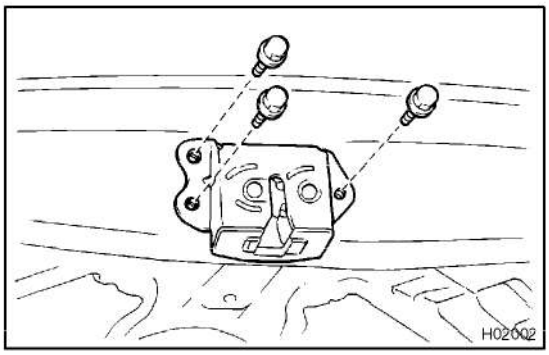
Torque: 5.5 N·m (56 kgf·cm, 49 in.·lbf)

6. REMOVE THESE PARTS:

(a) Outside garnish

(b) License plate light

(c) Combination light



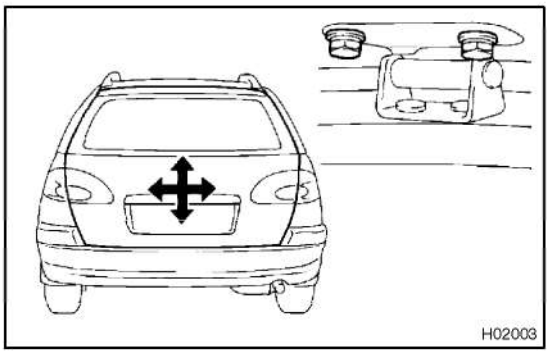
7. REMOVE BACK DOOR LOCK

(a) Remove the 3 bolts and back door lock.
Torque: 8.0 N·m (82 kgf·cm, 71 in.·lbf)

(b) Disconnect the control link from the back door lock.

BO1AM–01

ADJUSTMENT



1. ADJUST DOOR IN RIGHT/LEFT AND VERTICAL DIRECTIONS

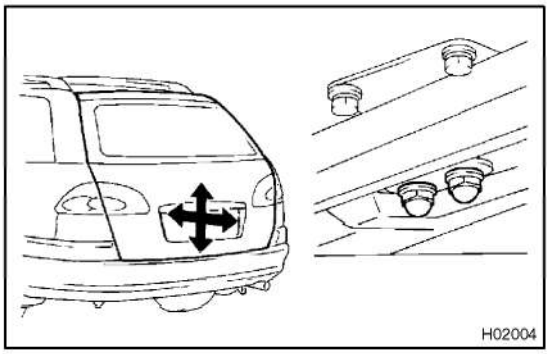
Loosen the door side hinge bolts to adjust.

Torque: 11.5 N·m (117 kgf·cm, 8.5 ft·lbf)

HINT:

Substitute the bolt with washer for the centering bolt.

(See page BO–10)



2. ADJUST DOOR IN FORWARD/REARWARD AND VERTICAL DIRECTION

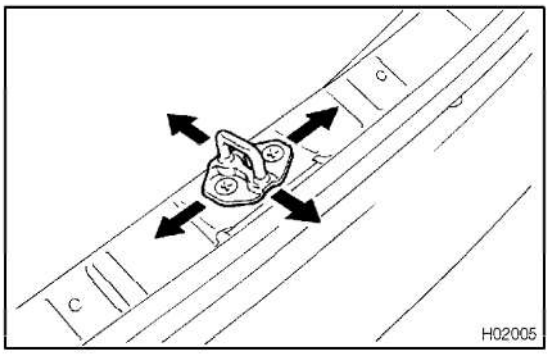
Loosen the body side hinge nuts to adjust.

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

HINT:

Substitute the bolt with washer for the centering bolt.

(See page BO–10)



3. ADJUST DOOR LOCK STRIKER

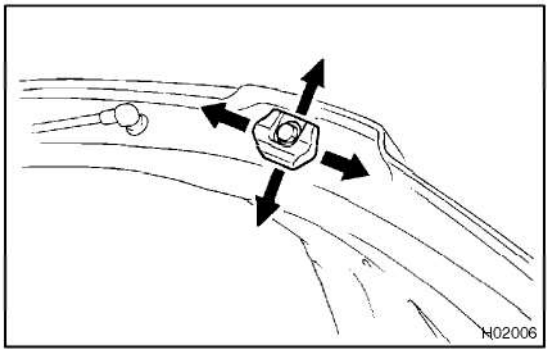
(a) Remove the rear floor finish plate.

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

(c) Loosen the striker mounting screws to adjust.

Torque: 11.5 N·m (117 kgf·cm, 8.5 ft·lbf)

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



4. ADJUST DOOR MALE STOPPER

Loosen the stopper moulding bolts to adjust.

BO1AN–01

REASSEMBLY

Reassembly is in the reverse order of disassembly (See page BO–30).

BACK DOOR STAY

BO18V–01

REPLACEMENT

1. REMOVE BACK DOOR STAY

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

HINT:

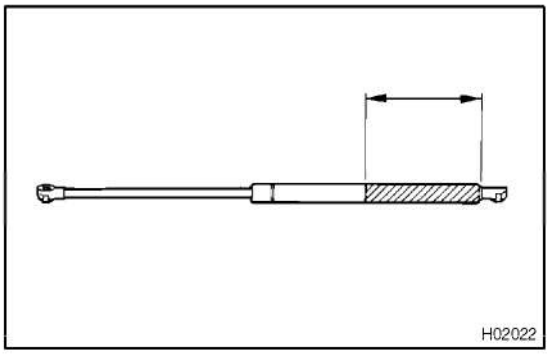
While supporting the back door with your hand, remove the back door stay.

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

2. IF NECESSARY, REPLACE BACK DOOR STAY

NOTICE:

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



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

3. INSTALL BACK DOOR STAY

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

Torque:
Liftback: 18 N·m (184 kgf·cm, 13 ft·lbf)
Wagon: 18 N·m (184 kgf·cm, 13 ft·lbf)

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

Torque:
Liftback: 18 N·m (184 kgf·cm, 13 ft·lbf)
Wagon: 18 N·m (184 kgf·cm, 13 ft·lbf)

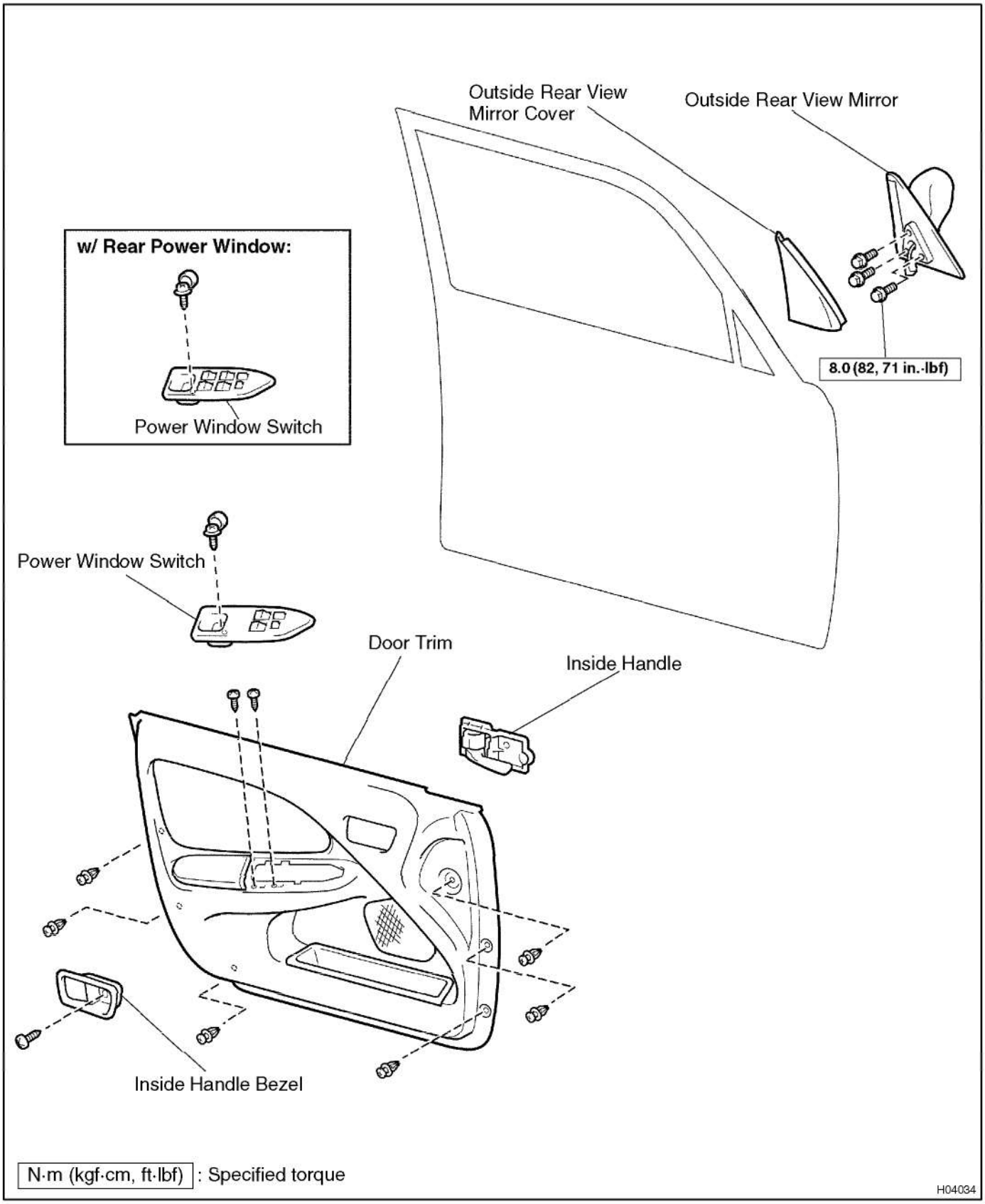
(c) Install the brackets to the body.

Torque: 7.0 N·m (71 kgf·cm, 62 in.·lbf)

OUTSIDE REAR VIEW MIRROR

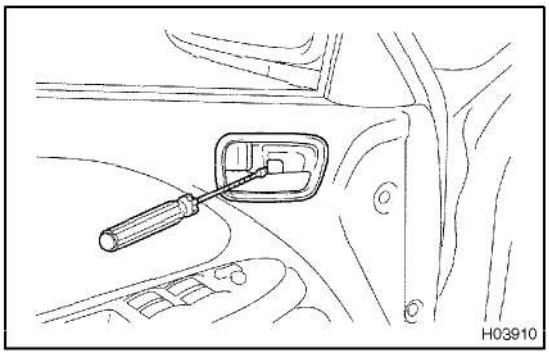
COMPONENTS

BO19Y–01



BO19Z-01

REMOVAL



1. REMOVE INSIDE HANDLE BEZEL

(a) Using a screwdriver, raise up the plug.

HINT:

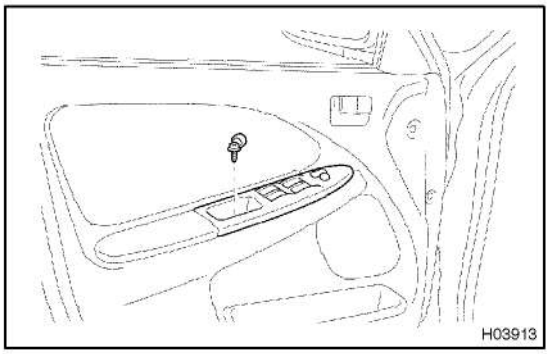
Tape the screwdriver tip before use.

(b) Remove the screw.

(c) Using a screwdriver, pry out the bezel.

HINT:

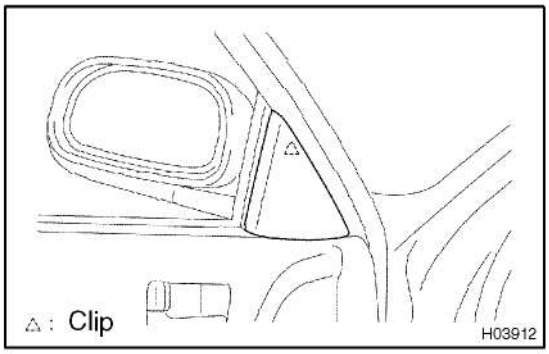
Tape the screwdriver tip before use.



2. REMOVE POWER WINDOW SWITCH

(a) Remove the screw.

(b) Pull the power window switch rearward to remove it, then disconnect the connector.

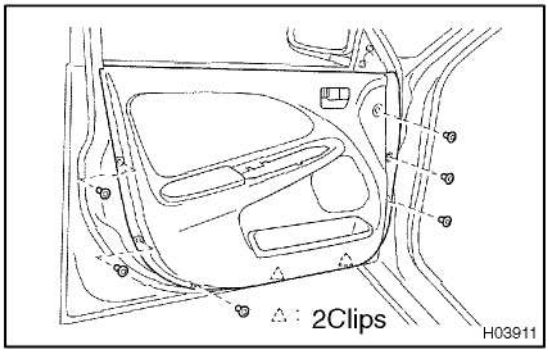


3. REMOVE MIRROR COVER

Using a screwdriver, remove the mirror cover.

HINT:

Tape the screwdriver tip before use.



4. REMOVE DOOR TRIM

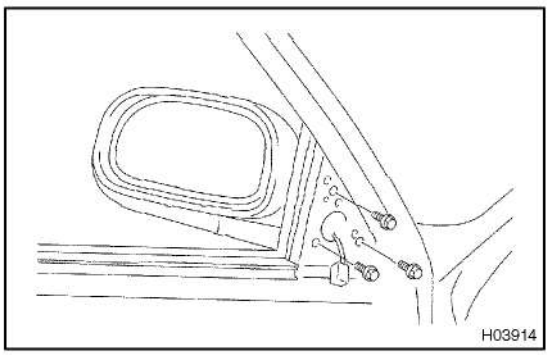
(a) Remove the 6 clips.

(b) Pull the door trim upward to remove it.

5. REMOVE INSIDE HANDLE

(a) Disconnect the locking link and inside handle open link from the inside handle.

(b) Remove the inside handle.



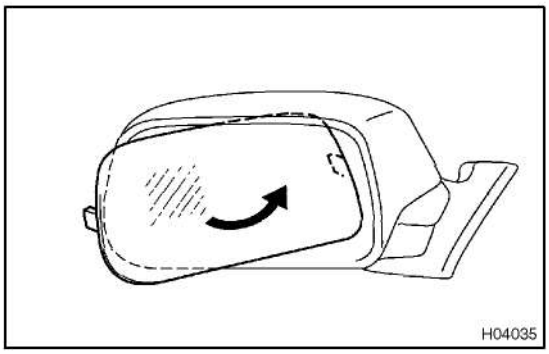
6. REMOVE OUTSIDE REAR VIEW MIRROR

(a) Remove the 3 bolts.

(b) Remove the outside rear view mirror, then disconnect the connector.

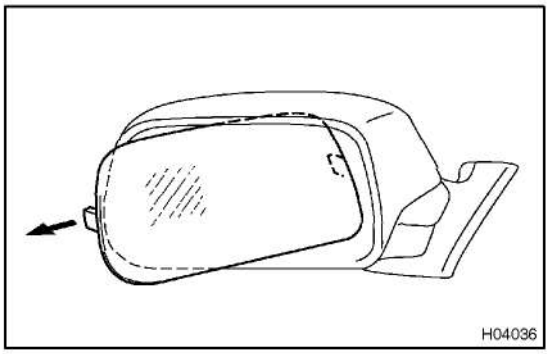
BO1A0–01

REPLACEMENT

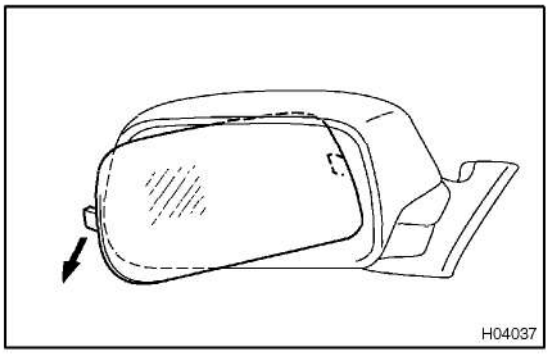


1. DISCONNECT MIRROR

(a) Adjust the mirror to the direction shown by an arrow.



(b) Push the mirror inward and move it outward to remove.



(c) Pull out the mirror.

2. CONNECT MIRROR

(a) Install the mirror to the holder.

(b) Adjust the mirror to the correct position.

BO1A1–01

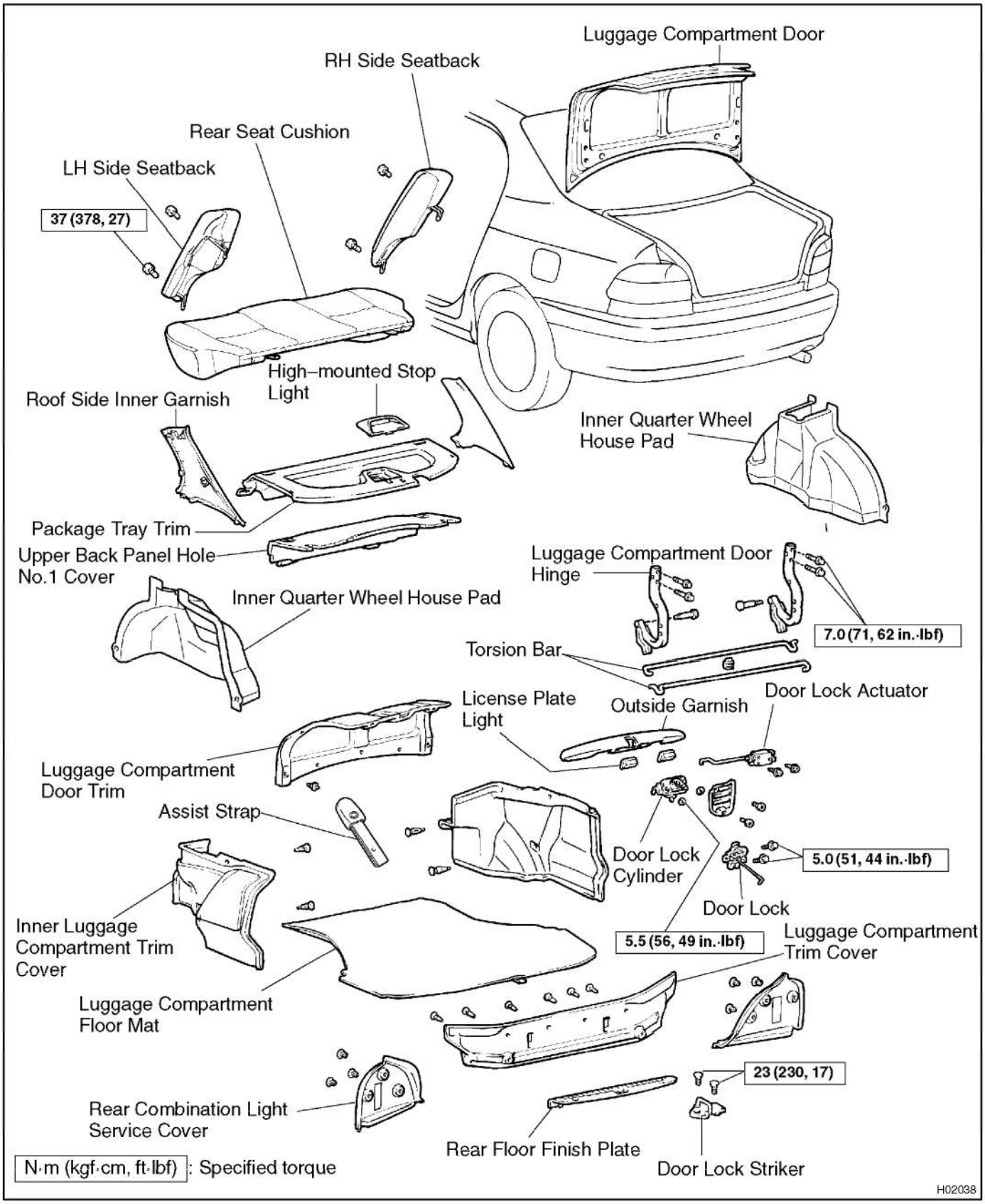
INSTALLATION

Installation is in the reverse order of removal (See page BO–36).

LUGGAGE COMPARTMENT DOOR AND HINGE

COMPONENTS

BO1A2–01



BO1A3–01

REMOVAL

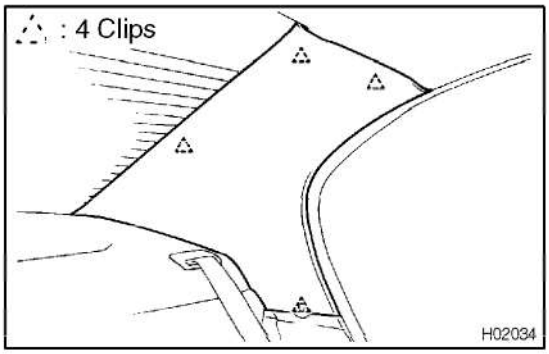
1. REMOVE LUGGAGE COMPARTMENT DOOR

Remove the 4 bolts and door.

Torque: 7.0 N·m (71 kgf·cm, 62 in.·lbf)

2. REMOVE THESE PARTS:

(a) Luggage compartment floor mat
(b) Rear floor finish plate
(c) Luggage compartment trim cover
(d) Rear combination light service cover
(e) Inner luggage compartment trim cover
(f) Inner quarter wheel house pad
(g) Rear seat cushion and LH and RH side seatback (See page BO–136)
(h) High–mounted stop light
(i) LH Rear seat belt



3. REMOVE ROOF SIDE INNER GARNISH

Using a screwdriver, pry loose and remove the garnish.

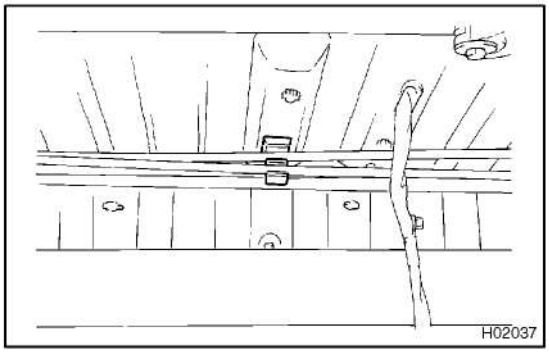
HINT:

Tape the screwdriver tip before use.

4. REMOVE PACKAGE TRAY TRIM

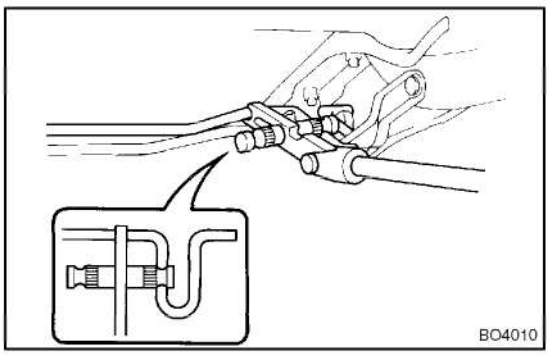
5. REMOVE UPPER BACK PANEL HOLE No.1 COVER

(a) Remove the 4 clips.
(b) Remove the upper back panel hole No.1 cover.

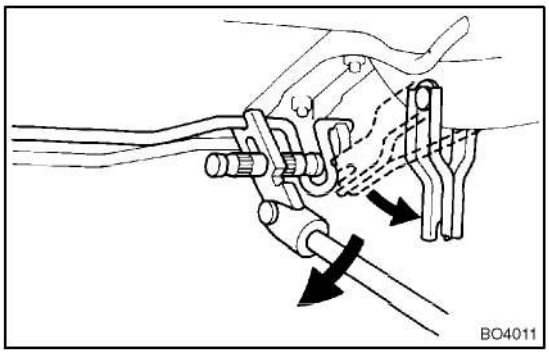


6. REMOVE TORSION BAR

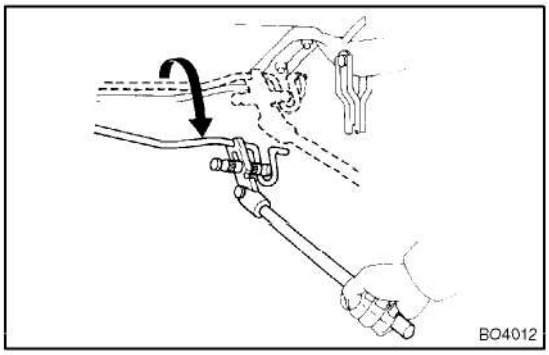
(a) Remove the torsion support from the torsion bar.



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



(c) Push down on SST, and pull the luggage compartment door hinge from the torsion bar.



(d) Slowly lift SST, and remove the torsion bar from the torsion bar bracket with SST.
(e) Disconnect the torsion bar from the bracket.
(f) Do the same for the other side.

7. REMOVE LUGGAGE COMPARTMENT DOOR HINGE

Remove the pin and hinge.

BO1A4–01

DISASSEMBLY

1. REMOVE LUGGAGE COMPARTMENT DOOR TRIM

(a) Remove the 11 clips.

(b) Remove the trim.

2. REMOVE DOOR LOCK

(a) Remove the 2 bolts.

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

(b) Disconnect the control link, then remove the door lock.

3. REMOVE DOOR LOCK CYLINDER

(a) Remove the 2 nuts.

(b) Remove the door lock cylinder.

4. REMOVE DOOR LOCK ACTUATOR

(a) Remove the 2 screws.

(b) Disconnect the control link.

(c) Disconnect the connector, then remove the door lock actuator.

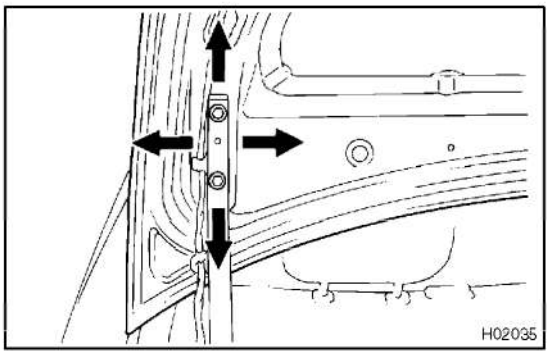
5. REMOVE THESE PARTS:

(a) License plate light

(b) Outside garnish

BO1A5–01

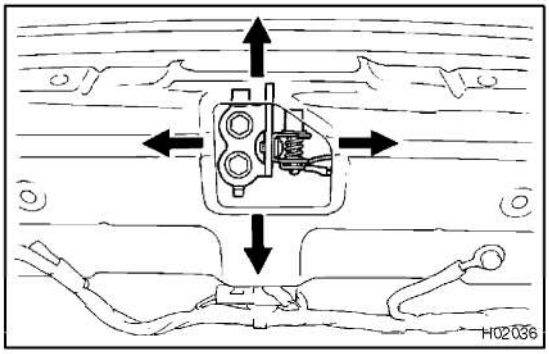
ADJUSTMENT



1. ADJUST LUGGAGE COMPARTMENT DOOR IN FORWARD/REARWARD AND LEFT/RIGHT DIRECTION

Loosen the hinge bolts to adjust.

Torque: 7.0 N·m (71 kgf·cm, 62 in.·lbf)



2. ADJUST DOOR LOCK STRIKER

(a) Remove the luggage compartment floor mat.
(b) Remove the rear floor finish plate.
(c) Remove the luggage compartment trim cover.
(d) Loosen the bolts to adjust.
(e) Install the removed parts.

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

BO1A6–01

REASSEMBLY

Reassembly is in the reverse order of disassembly (See page BO–42).

BO1A7–01

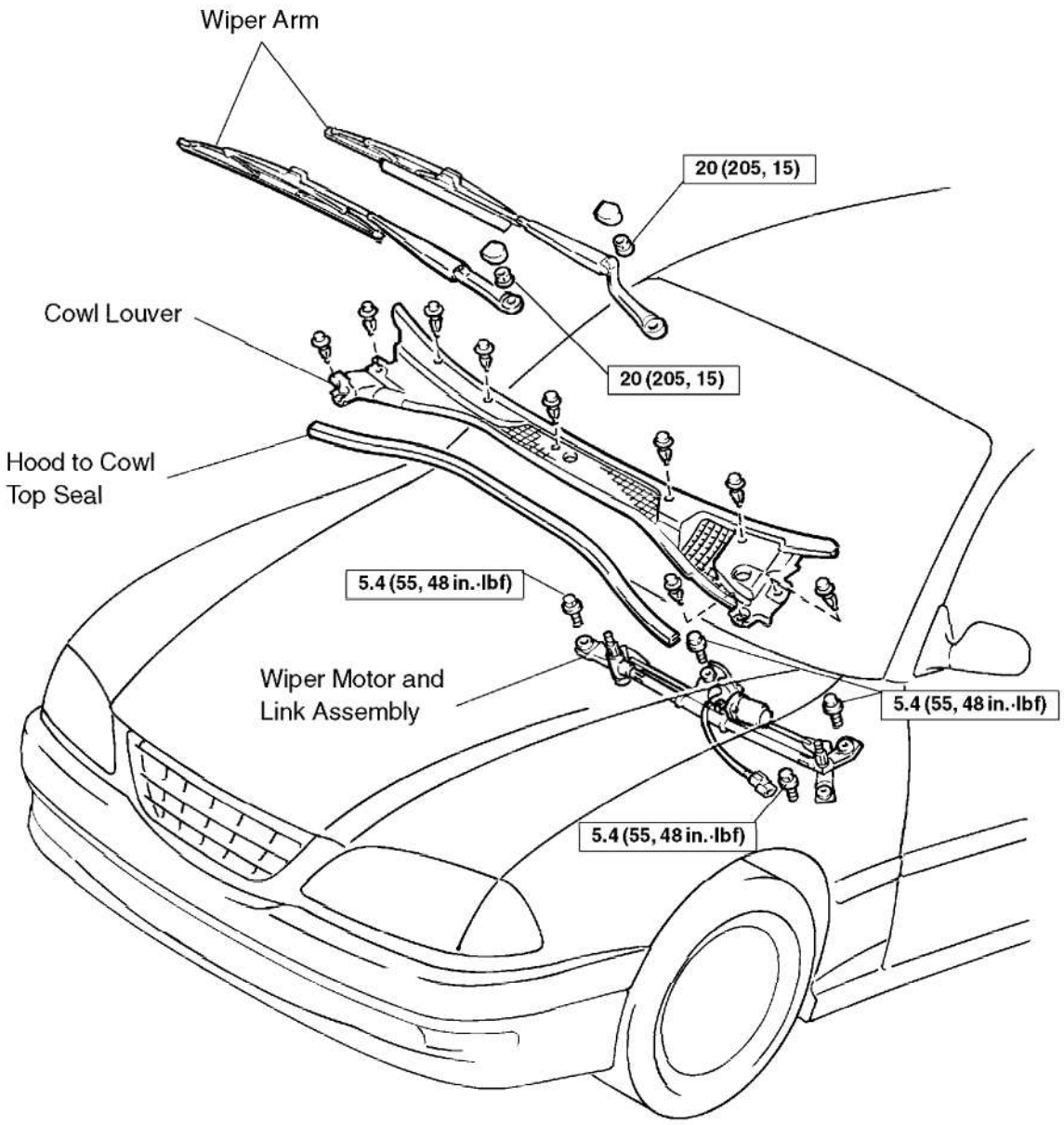
INSTALLATION

Installation is in the reverse order of removal (See page BO–40).

FRONT WIPER AND WASHER

COMPONENTS

BO18W–01



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

H03646

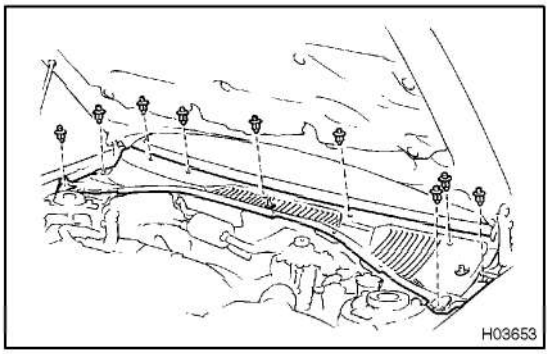
BO18X–01

REMOVAL

1. REMOVE THESE PARTS:

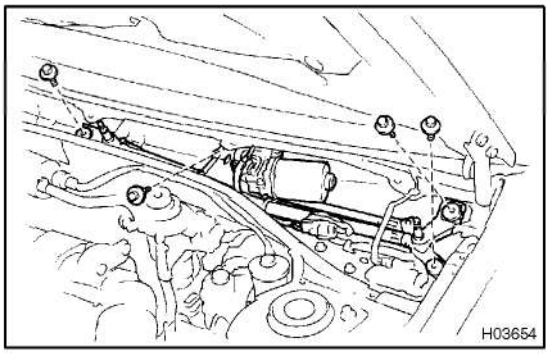
(a) Wiper arms

(b) Hood to cowl top seal



2. REMOVE COWL LOUVER

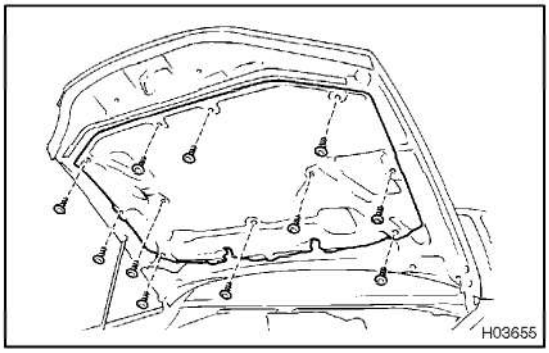
Remove the 9 clips and cowl louver.



3. REMOVE WIPER MOTOR AND LINK ASSEMBLY

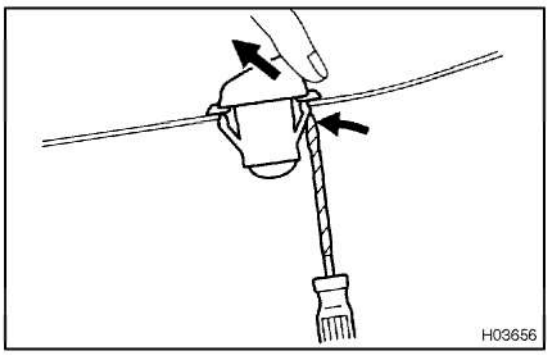
(a) Disconnect the connector.

(b) Remove the 4 bolts and wiper arm and link assembly.



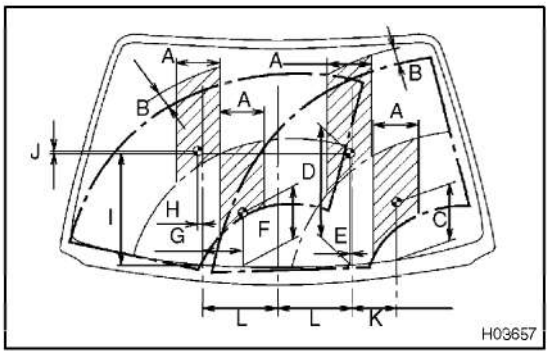
4. REMOVE WINDOW WASHER NOZZLE

(a) Using a clip remover, remove the 11 clips and hood insulator.



(b) Disconnect the washer hose from the nozzle.

(c) Press on the claw on the underside of the nozzle and remove it from above.



BO19Y–01

INSPECTION

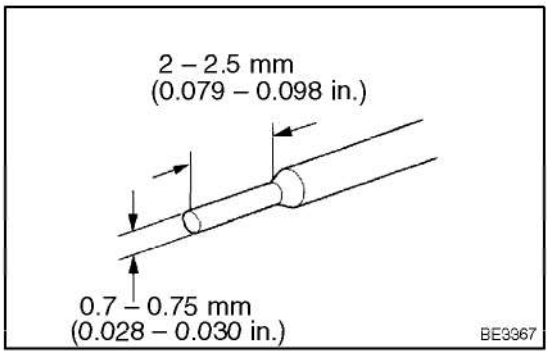
INSPECT WASHER NOZZLE

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

A: Approx. 150 mm (5.91 in.)
B: Approx. 50 mm (1.99 in.)
C: Approx. 199 mm (7.83 in.)
D: Approx. 388 mm (15.28 in.)
E: Approx. 7.0 mm (0.28 in.)
F: Approx. 186 mm (7.32 in.)
G: Approx. 133 mm (5.24 in.)
H: Approx. 15 mm (0.59 in.)
I: Approx. 390 mm (15.35 in.)
J: Approx. 0 – 50 mm (0 – 1.97 in.)
K: Approx. 149 mm (5.87 in.)
L: Approx. 250 mm (9.84 in.)

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

BO19Z–01



ADJUSTMENT

ADJUST WASHER NOZZLE

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

BO190–01

INSTALLATION

1. INSTALL THESE PARTS:

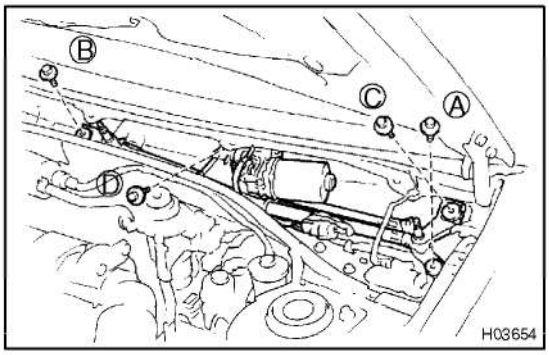
(a) Washer nozzle

(b) Hood insulator

2. INSTALL WIPER MOTOR AND LINK ASSEMBLY

(a) Put wiper motor and link assembly into cowl chamber from outside of vehicle.

(b) Adjust fixing points to cowl bracket.



(c) Tighten 4 bolts in order A, B, C and D, as shown in the illustration.

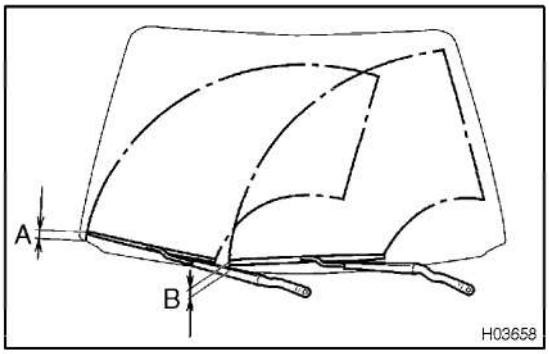
Torque: 5.4 N·m (55 kgf·cm, 48 in.·lbf)

(d) Connect the connector.

3. INSTALL THESE PARTS:

(a) Cowl louver

(b) Hood to cowl top seal



4. INSTALL WIPER ARM

(a) Install the wiper arms, operate the wipers once and turn the wiper switch OFF.

(b) Adjust the wiper arms to positions shown in the illustration.

A: 29.0 ± 10.0 mm (1.14 ± 0.39 in.)

B: 25.0 + 5.0 mm (0.98 + 0.20 in.)

25.0 – 10.0 mm (0.98 ± 0.39 in.)

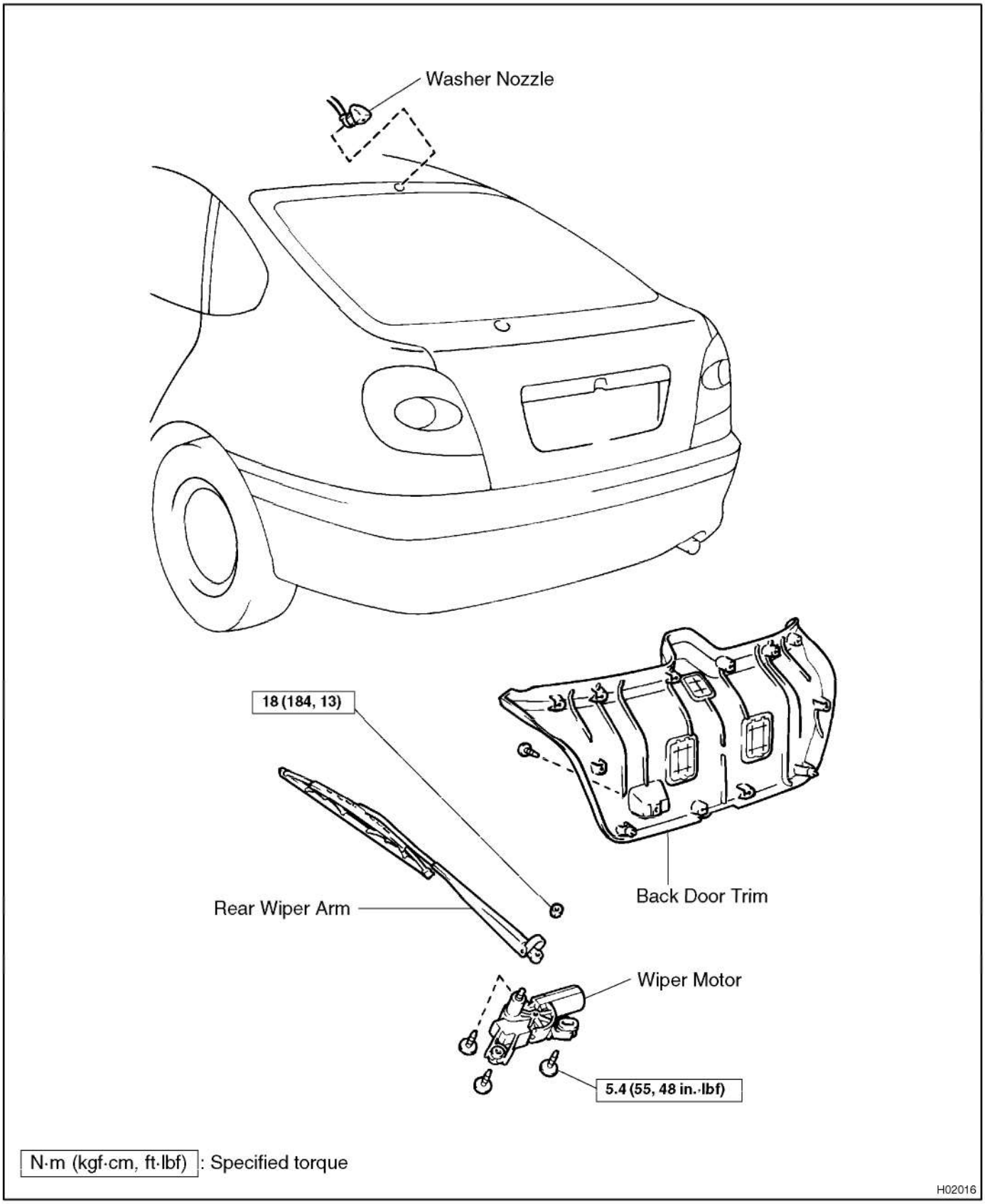
(c) Torque the nuts.

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

REAR WIPER AND WASHER (Liftback)

COMPONENTS

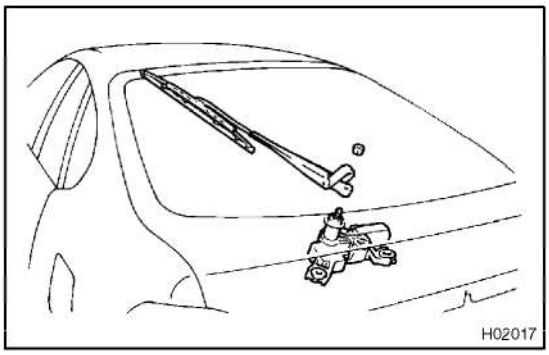
BO1AT–01



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

H02016

BO1AU-01



REMOVAL

1. REMOVE REAR WIPER ARM

(a) Remove the nut.

(b) Remove the wiper arm.

2. REMOVE BACK DOOR TRIM

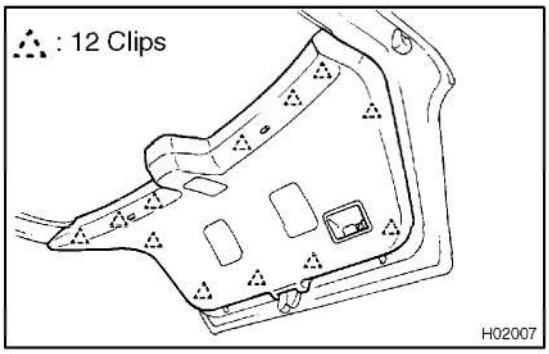
(a) Insert a screwdriver between the door and door trim to pry out.

NOTICE:

Be careful not to damage the door and door trim.

HINT:

Tape the screwdriver tip before use.

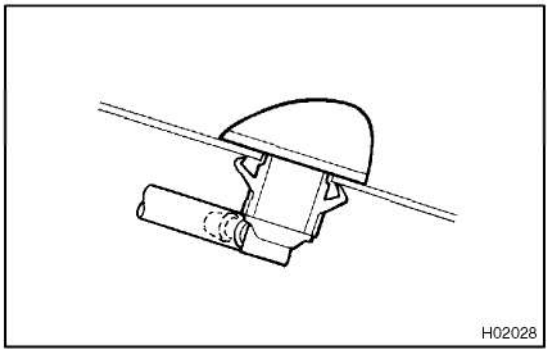


(b) Pull off the trim to remove it as shown in the illustration.

3. REMOVE WIPER MOTOR

(a) Disconnect the connector.

(b) Unfasten the 3 bolts and remove the wiper motor.

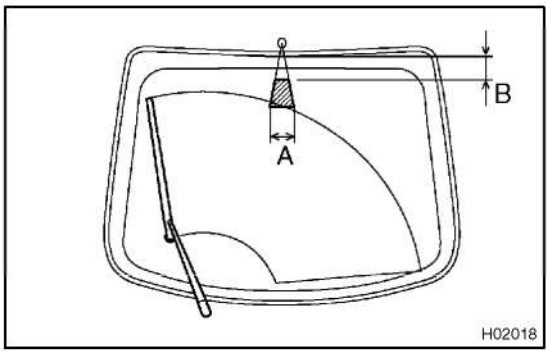


4. REMOVE WASHER NOZZLE

Using a screwdriver, remove the washer nozzle.

HINT:

Tape the screwdriver tip before use.



BO1AV–01

INSPECTION

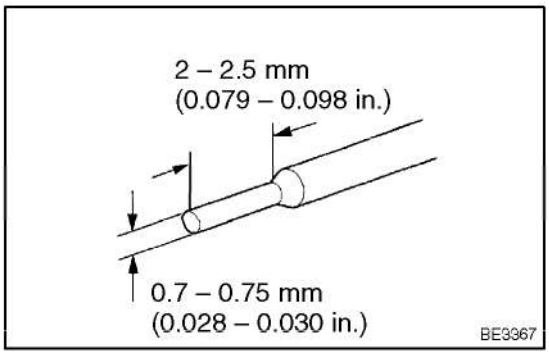
INSPECT REAR WASHER NOZZLE

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

A: Approx. 100 mm (3.91 in.)

B: Approx. 50 mm (1.97 in.)

BO1AW–01



ADJUSTMENT

ADJUST REAR WASHER NOZZLE

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

BO1AX–01

INSTALLATION

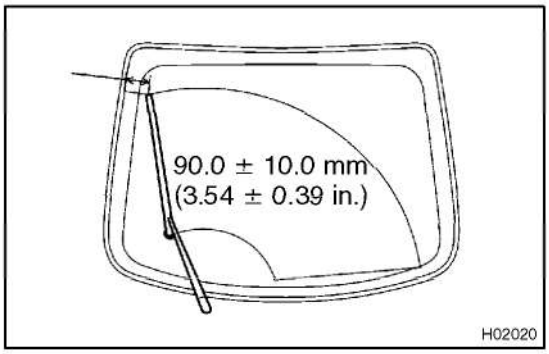
1. INSTALL THESE PARTS:

(a) Washer nozzle

(b) Wiper motor

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

(c) Back door trim



2. INSTALL REAR WIPER ARM

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

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

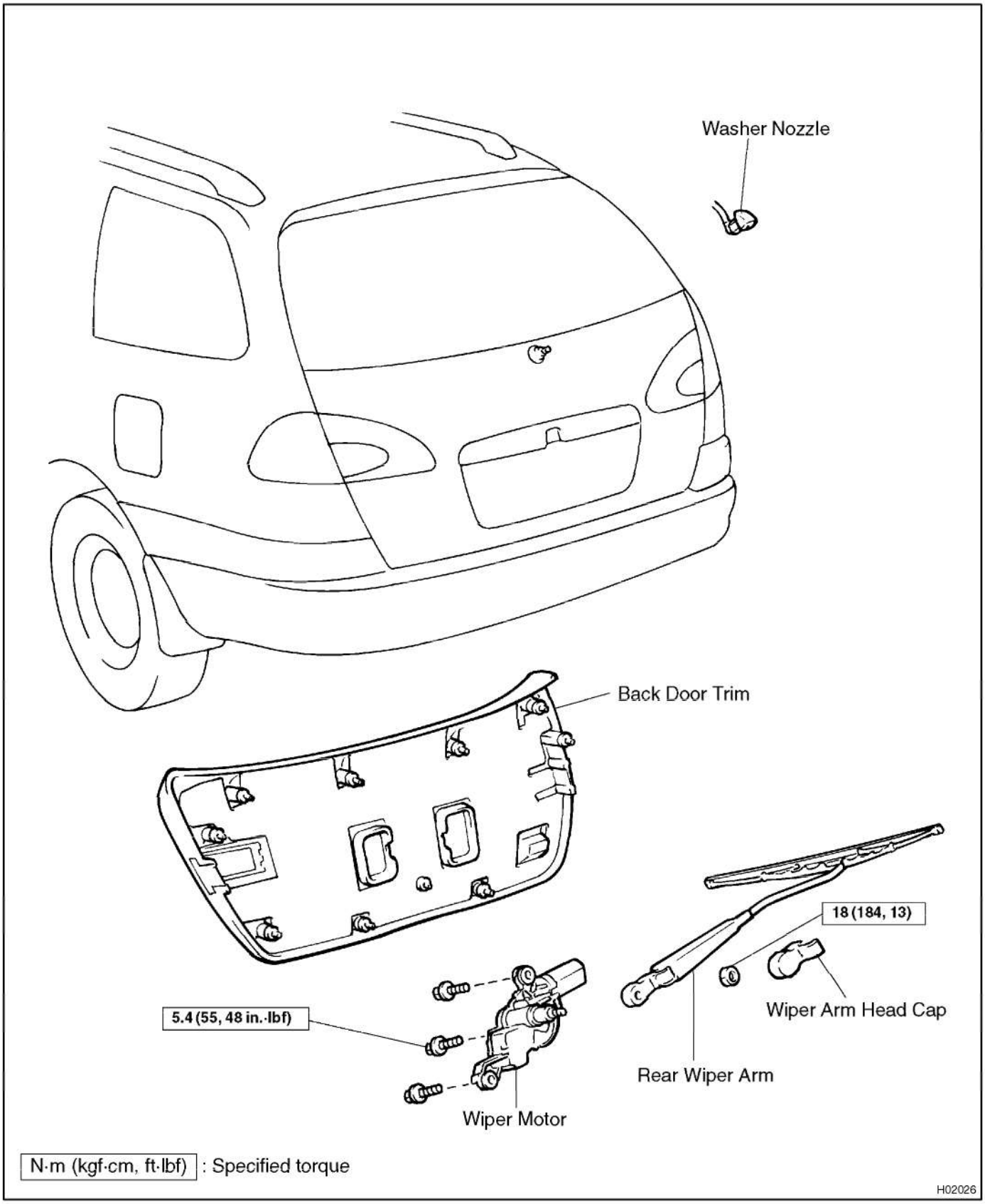
(c) Torque the nut.

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

REAR WIPER AND WASHER (Wagon)

COMPONENTS

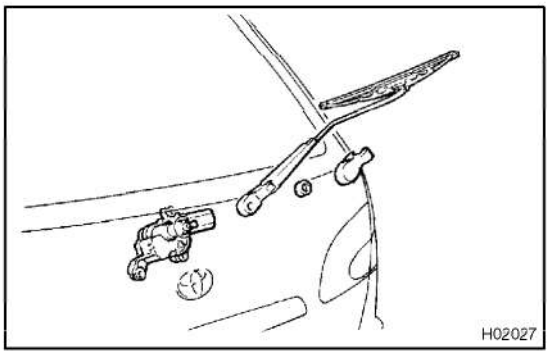
BO1AO–01



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

H02026

BO1AP–01



REMOVAL

1. REMOVE REAR WIPER ARM

(a) Remove the nut.

(b) Remove the wiper arm.

2. REMOVE BACK DOOR TRIM

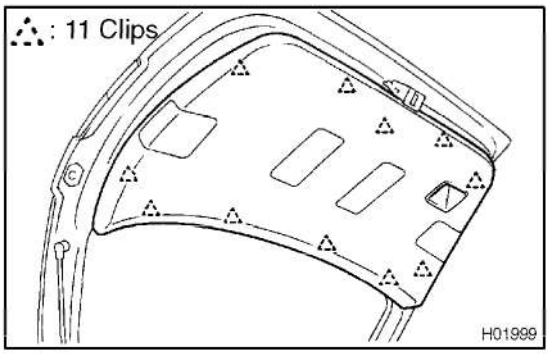
(a) Insert a screwdriver between the door and door trim to pry out.

NOTICE:

Be careful not to damage the door and door trim.

HINT:

Tape the screwdriver tip before use.

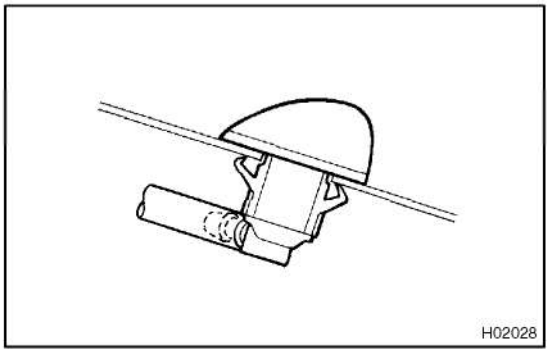


(b) Pull off the trim to remove it, as shown in the illustration.

3. REMOVE WIPER MOTOR

(a) Disconnect the connector.

(b) Unfasten the 3 bolts and remove the wiper motor.

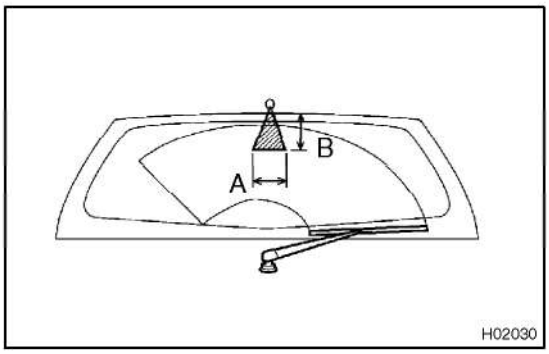


4. REMOVE WASHER NOZZLE

Using a screwdriver, remove the washer nozzle.

HINT:

Tape the screwdriver tip before use.



BO1AQ-01

INSPECTION

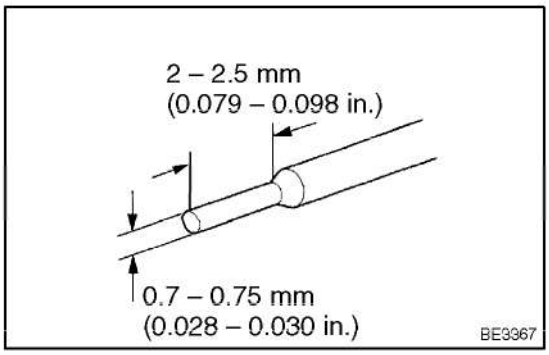
INSPECT REAR WASHER NOZZLE

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

A: Approx. 150 mm (5.91 in.)

B: Approx. 250 mm (9.84 in.)

BO1AR–01



ADJUSTMENT

ADJUST REAR WASHER NOZZLE

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

BO1AS–01

INSTALLATION

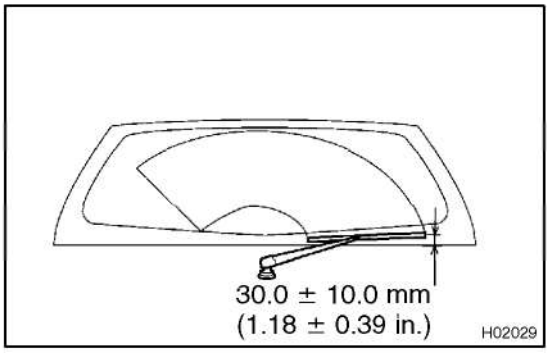
1. INSTALL THESE PARTS:

(a) Washer nozzle

(b) Wiper motor

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

(c) Back door trim



2. INSTALL REAR WIPER ARM

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

(b) Adjust the installation position of the wiper arm to the marked position shown in the illustration and confirm arm is set on the thermal line.

(c) Torque the nut.

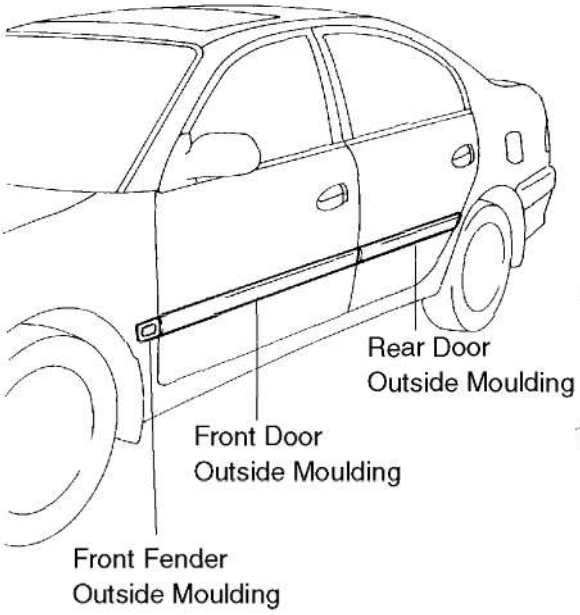
Torque: 18 N·m (184 kgf·cm, 13 ft·lbf)

BODY OUTSIDE MOULDING

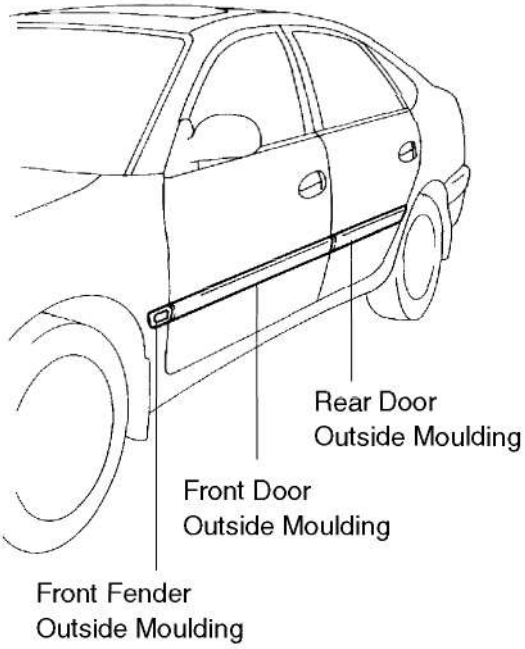
COMPONENTS

BO03R–02

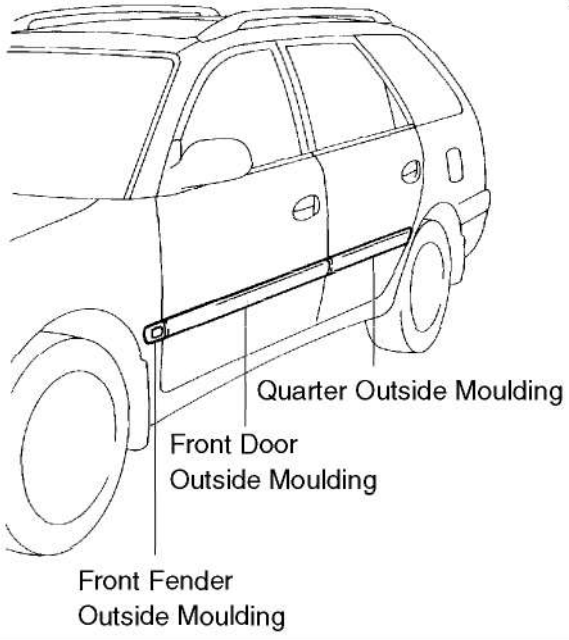
Sedan:



Liftback:



Hatchback:



H03540

BO1B0-01

REMOVAL

1. Front Fender Outside Moulding:
REMOVE SIDE TURN SIGNAL LIGHT

Using a screwdriver, push the side turn signal light rearward and lift up the front part of it to remove it from the body.

HINT:

Tape the screwdriver tip before use.

2. HEAT MOULDING

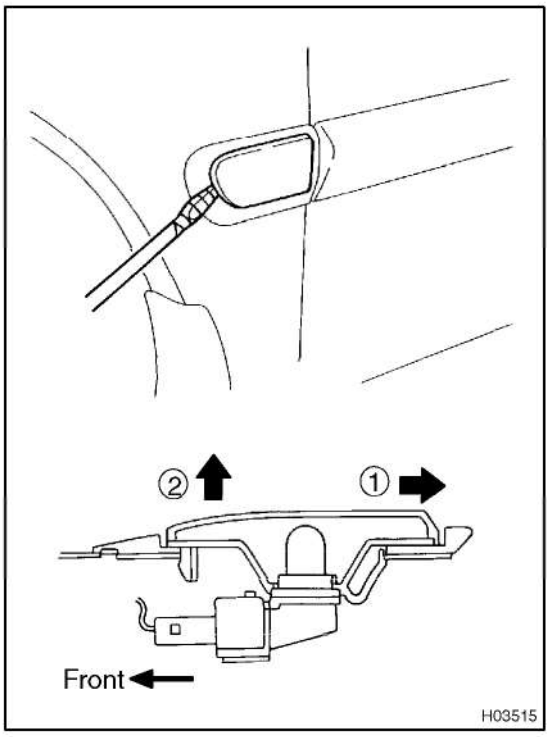
Using a heat light, heat the moulding to 40 – 60 °C (104 – 140 °F).

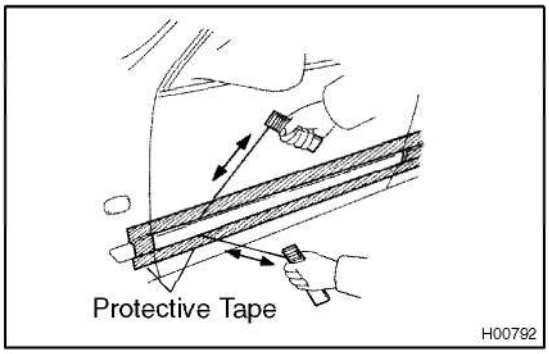
NOTICE:

Do not heat moulding excessively.

3. REMOVE OUTSIDE MOULDING

(a) Tie both piano wire ends to a wooden block or a similar object.





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

NOTICE:

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

(c) Remove the moulding.

B003T-02

INSTALLATION

1. CLEAN BODY MOUNTING SURFACE

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

NOTICE:

Do not heat body excessively.

(b) Remove the adhesive tape from the body.

(c) Wipe off stains with cleaner.

2. If reusing moulding:
CLEAN MOULDING

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

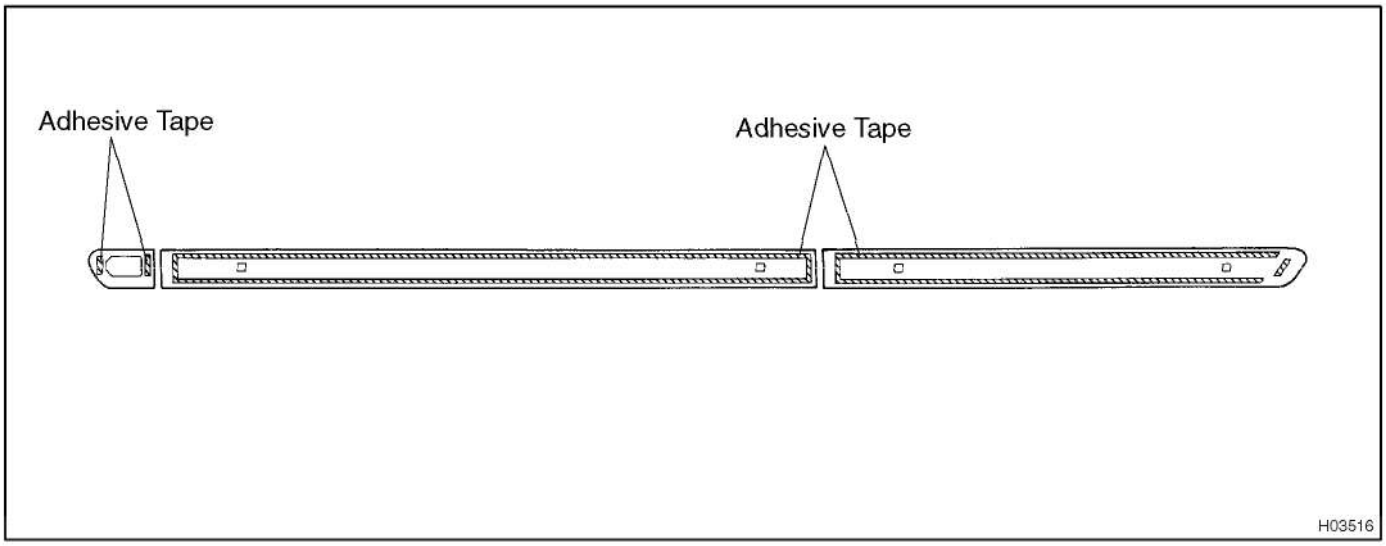
NOTICE:

Do not heat moulding excessively.

(b) Remove the adhesive tape from the moulding.

(c) Wipe off stains with cleaner.

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



3. INSTALL MOULDING

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

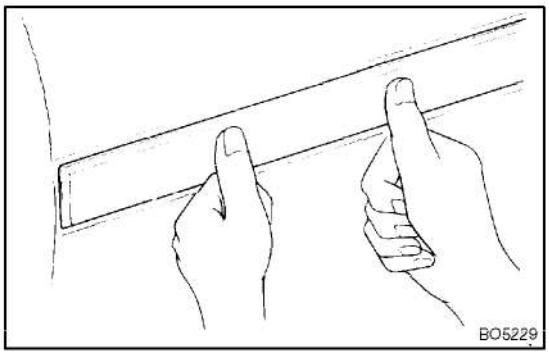
NOTICE:

Do not heat moulding excessively.

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

NOTICE:

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



(c) Align the bosses with their corresponding holes in the body, and press firmly on the moulding. Refer to the illustration for the front fender moulding application procedures.

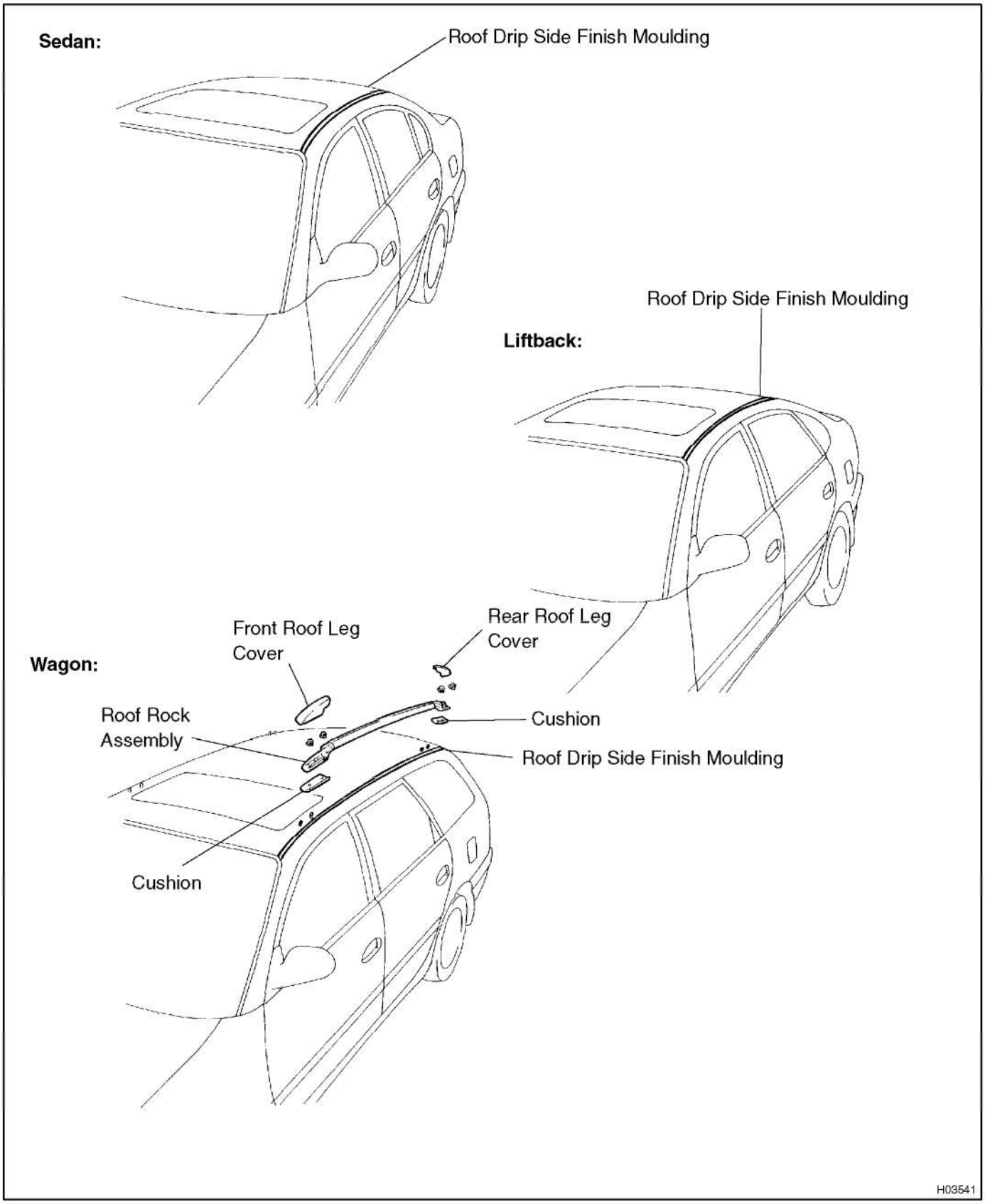
NOTICE:

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

ROOF DRIP SIDE FINISH MOULDING

COMPONENTS

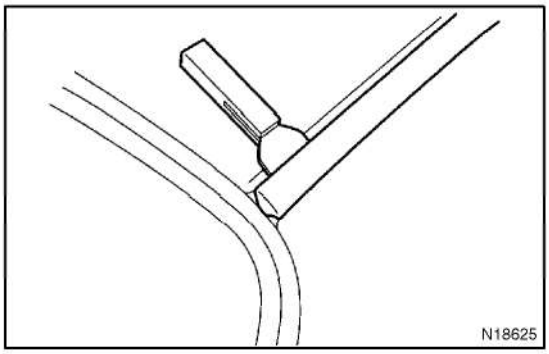
BO1BH–01



BO151-01

REMOVAL

1. **Wagon:**
   REMOVE ROOF RAIL
   (See page BO–161)

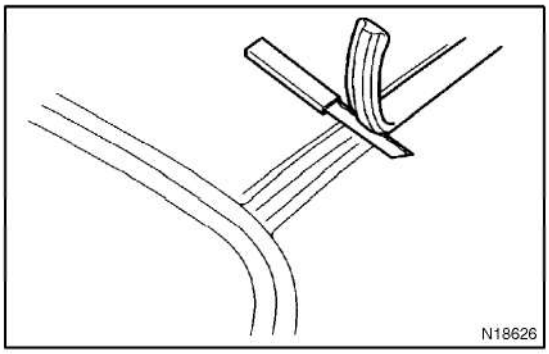


2. REMOVE ENDS OF MOULDING

Using a scraper, pull off the roof drip side finish center moulding from front end.

HINT:

Tape the scraper tip before use.



3. REMOVE MOULDING AND ADHESIVE

Pull off the moulding by cutting the adhesive with a knife.

NOTICE:

- **Do not reuse the moulding.**
- **Do not damage the body with the knife.**

BO182-01

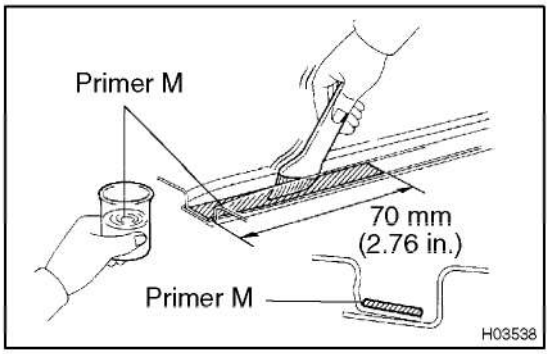
INSTALLATION

1. CLEAN CONTRACT SURFACE OF BODY

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

NOTICE:

Do not damage the body with the knife.

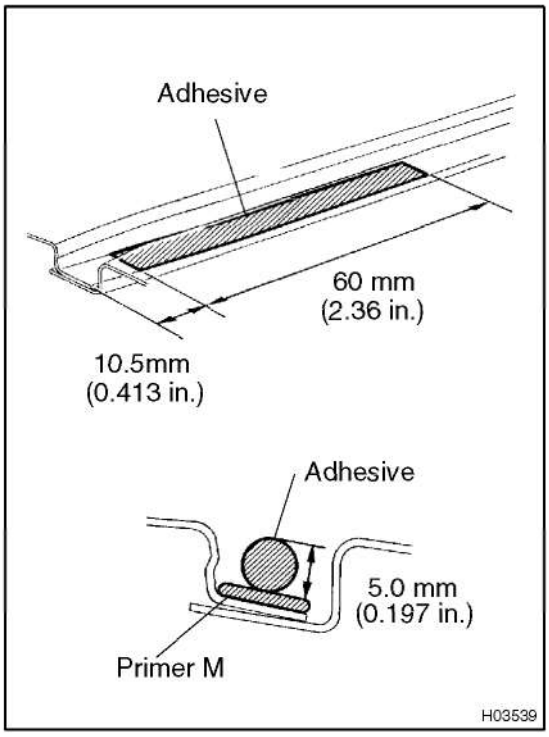


2. COAT CONTRACT SURFACE OF BODY WITH PRIMER "M"

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

NOTICE:

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



3. APPLY ADHESIVE

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

HINT:

After cutting off the rip, use all adhesive within the described in the chart below.

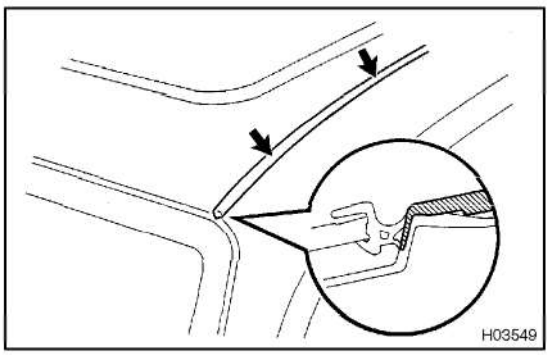
Temperature	Tackfree time
35 °C (95 °F)	15 minutes
20 °C (68 °F)	100 minutes
5 °C (41 °F)	8 hours

(b) Load the cartridge into the sealer gun.

(c) Apply adhesive to the hatched area in the illustration for both front and rear of the vehicle.

HINT:

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



4. INSTALL MOULDING

Pull the moulding to the body, as shown in the illustration.

NOTICE:

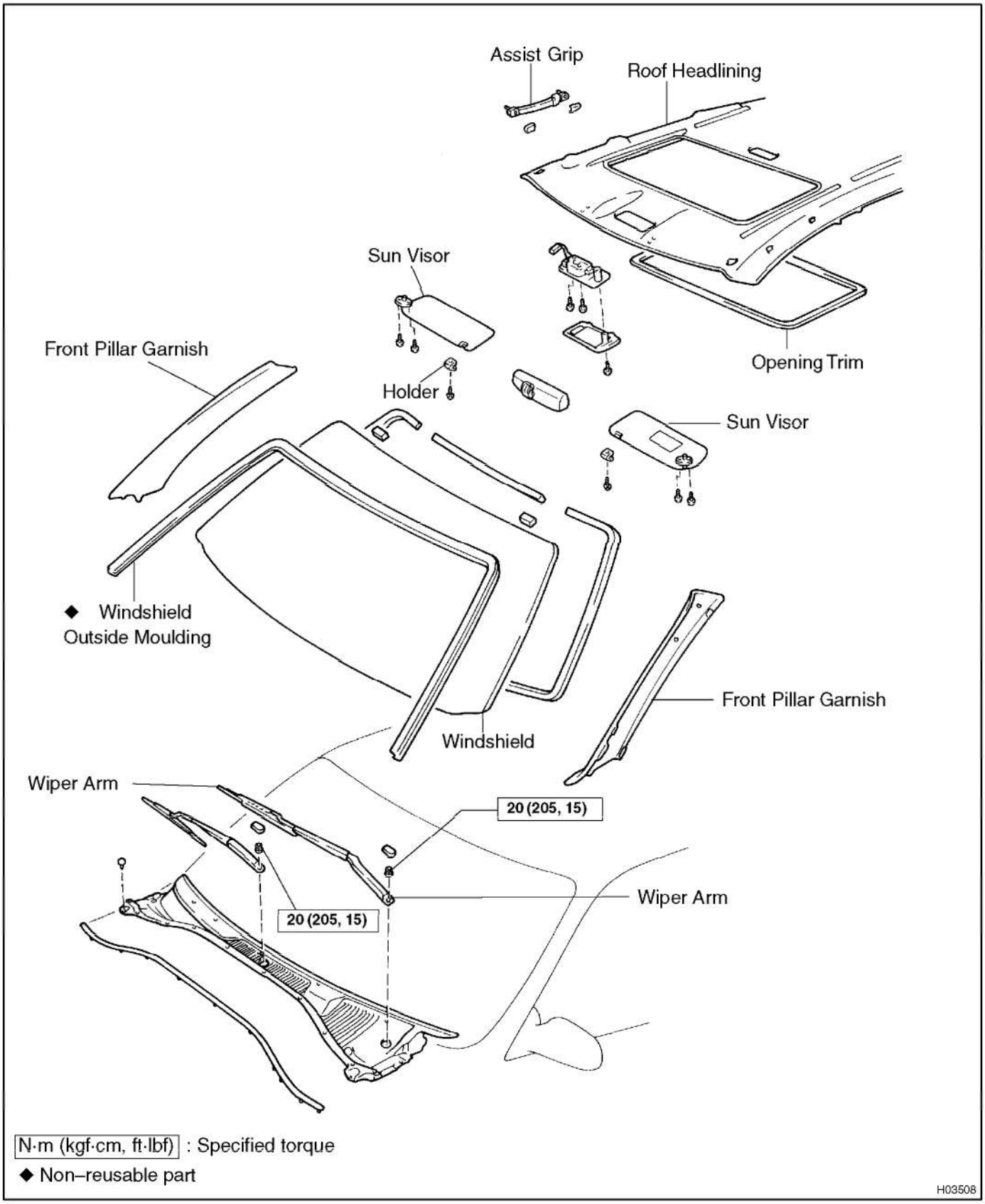
- **Make sure that the body and moulding are heated to the proper temperature.**
- **Do not depress the adhesive coated parrs excessively but just hold them down with your thumb.**
- **Scrape off any overflowing adhesive with a plastic spatula and clean the surface with a dry rag.**
- **Take care not to drive the vehicle during the time described in the chart below.**

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

WINDSHIELD

COMPONENTS

BO0IO–02



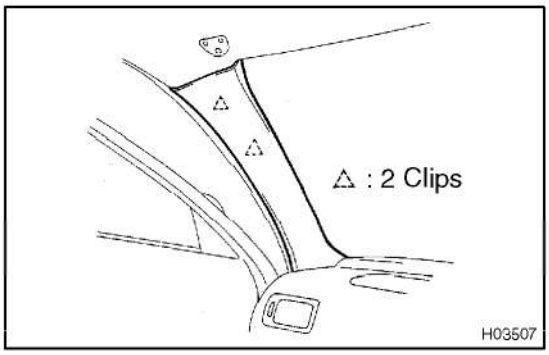
N·m (kgf·cm, ft·lbf) : Specified torque

◆ Non–reusable part

H03508

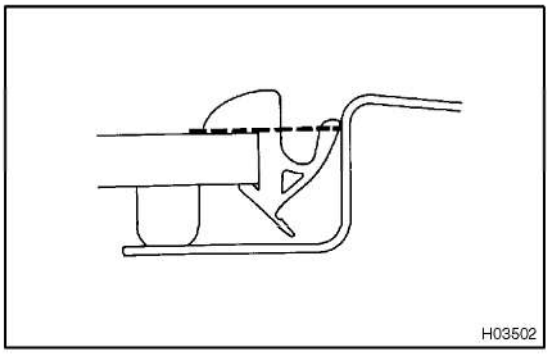
BO19X-01

REMOVAL



1. REMOVE THESE PARTS:

(a) Front wiper arms
(b) Weatherstrip
(c) Cowl louver
(d) Sun visors and holders
(e) Map light assembly
(f) Assist grip
(g) Upper part of front door opening trims
(h) Front pillar garnishes
(i) Inner rear view mirror
(j) Upper Back Panel Hole No.1 Cover

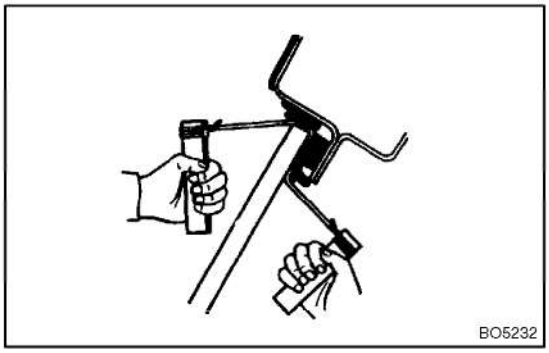


2. REMOVE WINDSHIELD OUTSIDE UPPER MOULDING

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

NOTICE:

Do not damage the body with the knife.

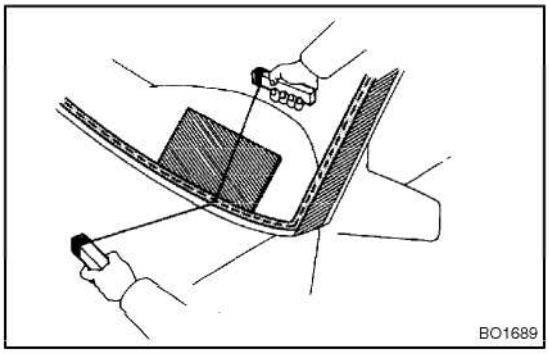


3. REMOVE WINDSHIELD GLASS

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

HINT:

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



NOTICE:

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

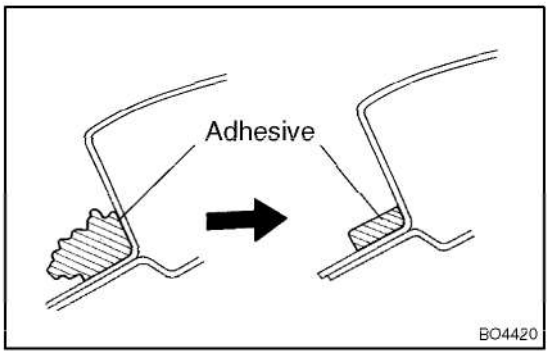
(c) Cut the adhesive by pulling the piano wire around it.
(d) Remove the glass.

NOTICE:

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

BO01Q-02

INSTALLATION



1. CLEAN AND SHAPE CONTACT SURFACE OF BODY

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

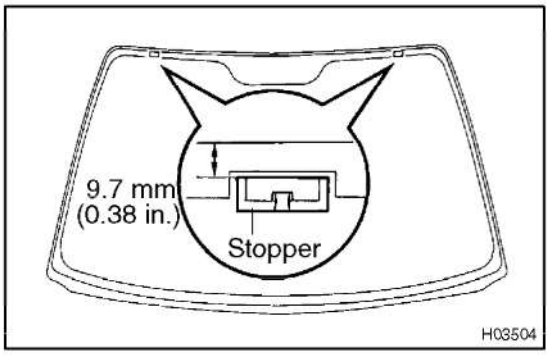
HINT:

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

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

HINT:

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



2. REPLACE STOPPER

(a) Remove the damaged stopper.

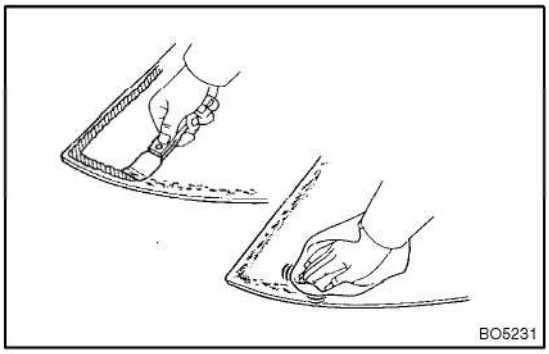
(b) Cut off the old adhesive around the stopper installation area.

NOTICE:

Be careful not to damage the body.

(c) Clean the installation area.

(d) Attach the stoppers to the glass with the ceramic notch on the glass aligned with the stoppers, as shown in the illustration.



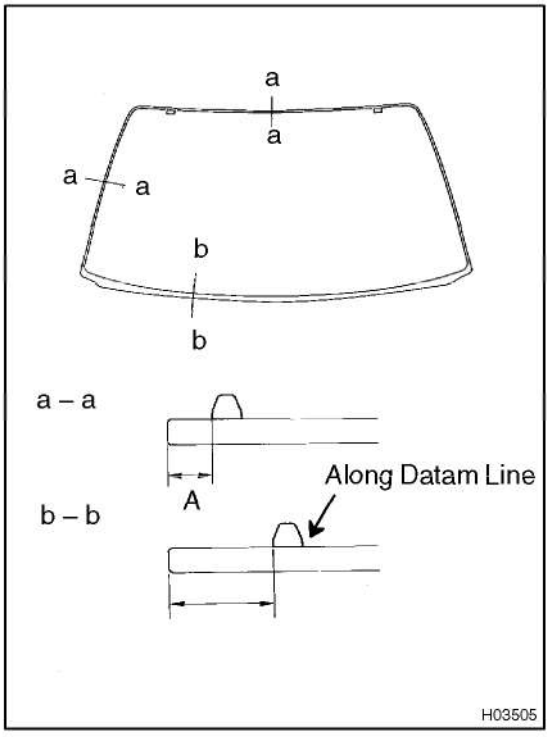
3. CLEAN REMOVED GLASS

(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.



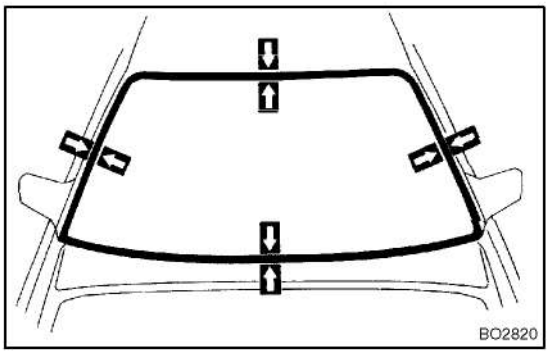
4. INSTALL DAMS

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

A: 7.0mm (0.28 in.)

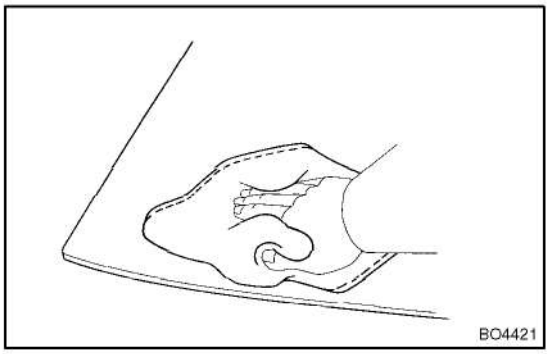
NOTICE:

Do not touch the glass surface after cleaning it.



5. POSITION GLASS

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

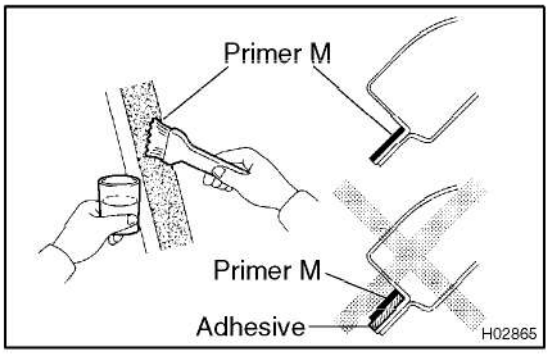


6. CLEAN CONTACT SURFACE OF GLASS

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.

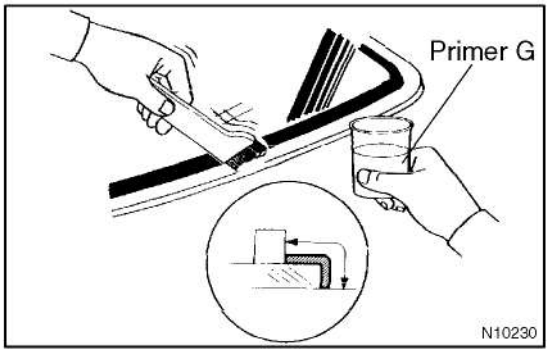


7. COAT CONTACT SURFACE OF BODY WITH PRIMER "M"

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

NOTICE:

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

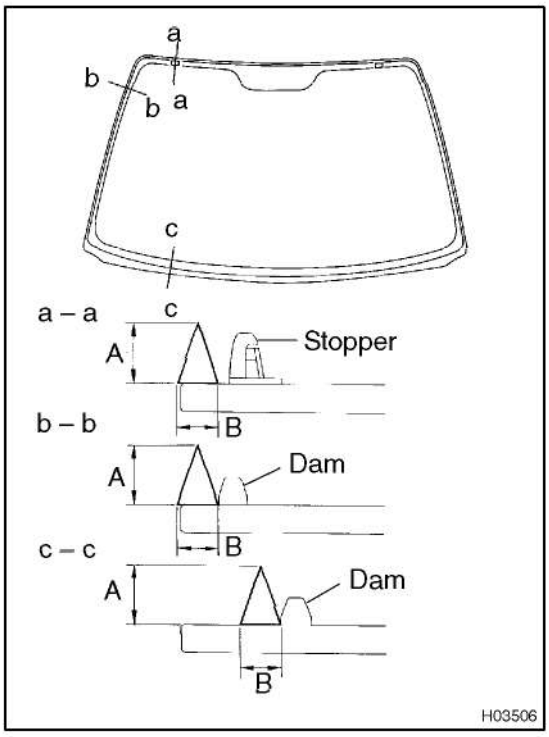


8. COAT CONTACT SURFACE OF GLASS WITH PRIMER "G"

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

NOTICE:

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



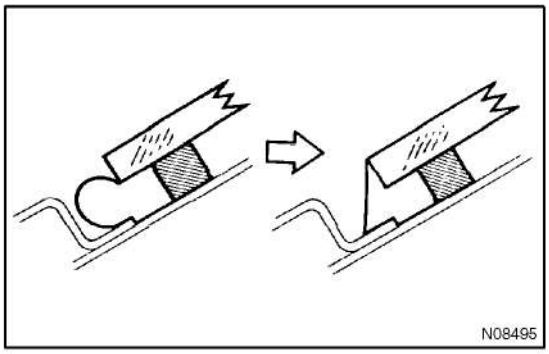
9. APPLY ADHESIVE

(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.

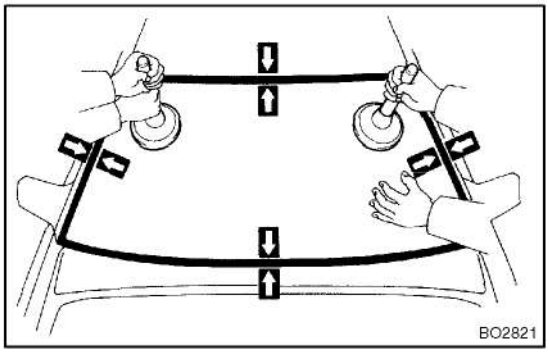
Temperature	Tackfree time
35 °C (95 °F)	15 minutes
20 °C (68 °F)	100 minutes
5 °C (41 °F)	8 hours

(b) Load the cartridge into the sealer gun.
(c) Coat the glass with adhesive as shown.
A: 12.5 mm (0.472 in.)
B: 8.0 mm (0.315 in.)

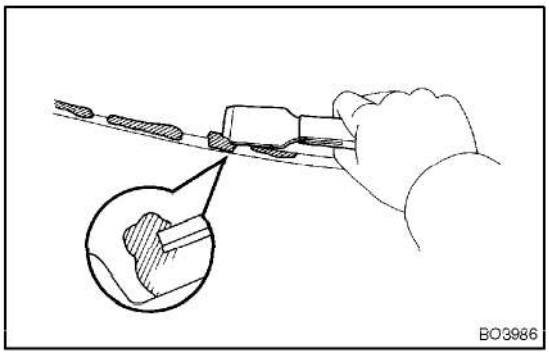


10. INSTALL GLASS

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



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



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

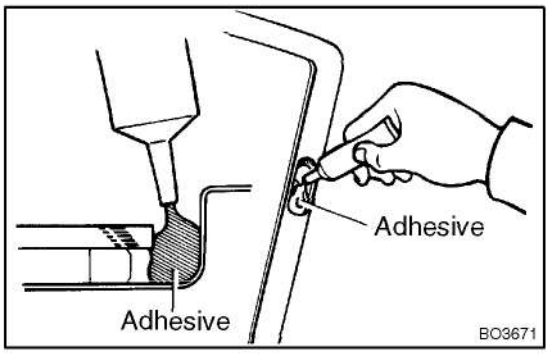
NOTICE:

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

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

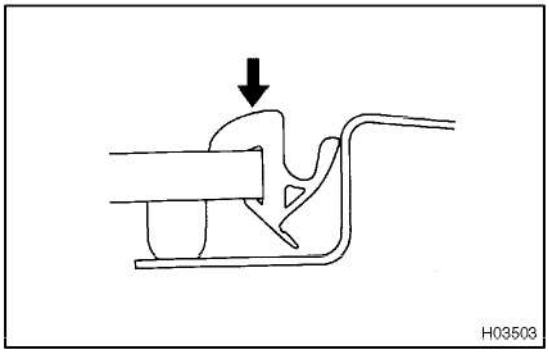
11. INSPECT FOR LEAKAGE AND REPAIR

(a) Do a leak test after the hardening time has elapsed.
(b) Seal any leakage with sealant.
Part No. 08833–00030 or equivalent.



12. APPLY ADHESIVE AT MOULDING INSTALLATION AREA

Coat the glass with adhesive at the moulding installation area.
Part No. 08833–00030 or equivalent.



13. INSTALL WINDSHIELD MOULDING

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

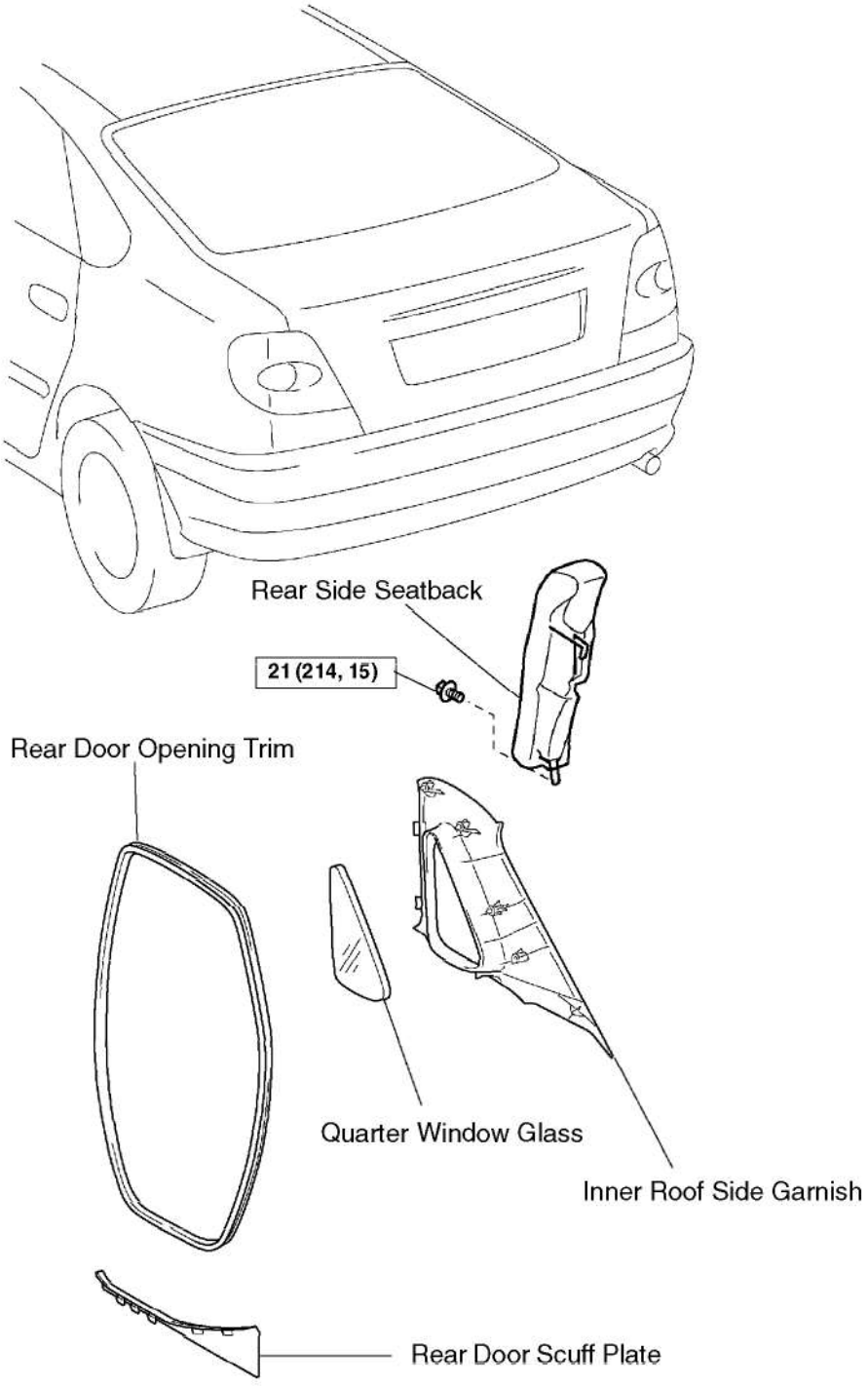
14. INSTALL THESE PARTS:

(a) Front part of roof headlining
(b) Inner rear view mirror
(c) Front pillar garnishes
(d) Upper part of roof headlining.
(e) Assist grip
(f) Map light assembly
(g) Sun visors and holders
(h) Cowl louver
(i) Weatherstrip
(j) Front wiper arms
Torque: 20 N·m (205 kgf·cm, 15 ft·lbf)

QUARTER WINDOW GLASS (Liftback)

COMPONENTS

BO191–01



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

H03699

BO192–01

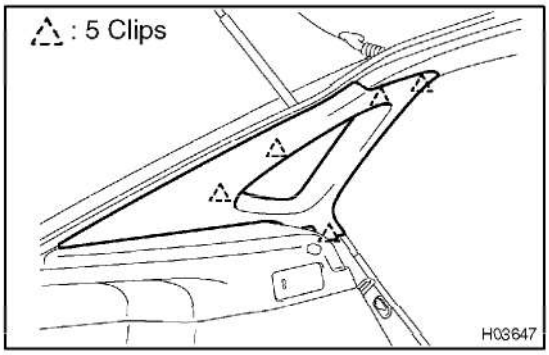
REMOVAL

1. REMOVE THESE PARTS:

(a) Rear door opening trim

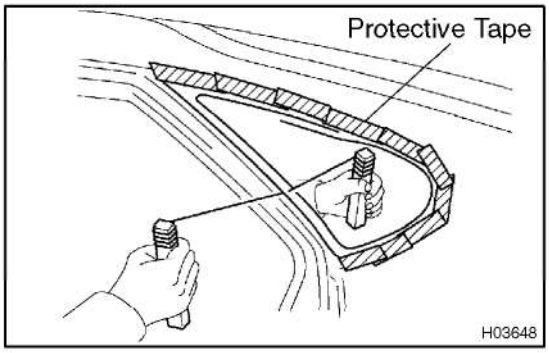
(b) Rear door scuff plate

(c) Rear side seatback



2. REMOVE INNER ROOF SIDE GARNISH

Remove the garnish.



3. REMOVE QUARTER WINDOW GLASS

(a) Push piano wire through from the interior.

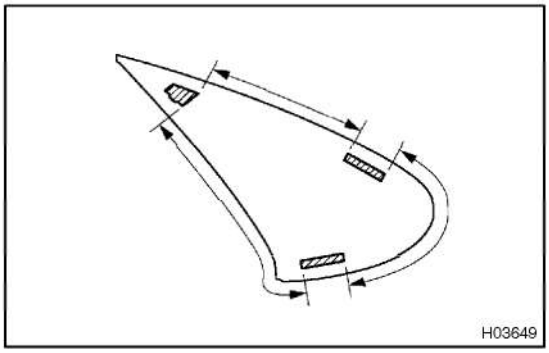
(b) Tie both wire ends to the wooden block or similar object.

HINT:

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

NOTICE:

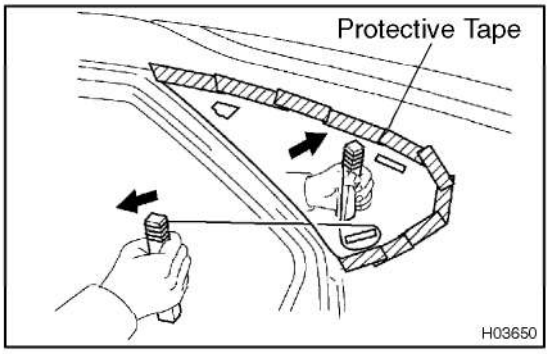
When separating the glass, take care not to damage the paint and exterior.



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

HINT:

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



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

NOTICE:

Do not damage the glass retainers.

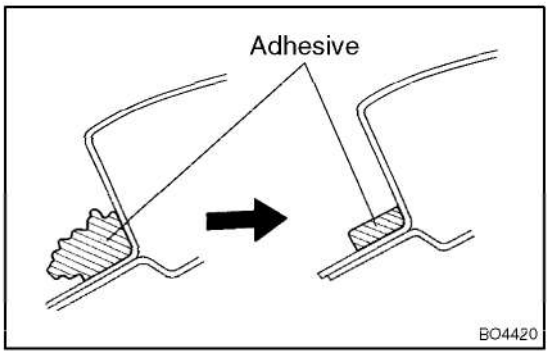
(e) Remove the 3 nuts and glass.

NOTICE:

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

BO193-01

INSTALLATION



1. CLEAN AND SHAPE CONTACT SURFACE OF BODY

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

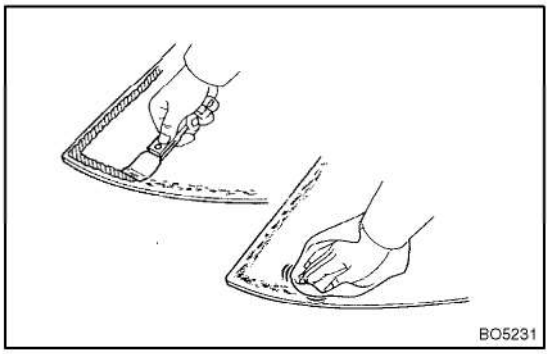
HINT:

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

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

HINT:

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



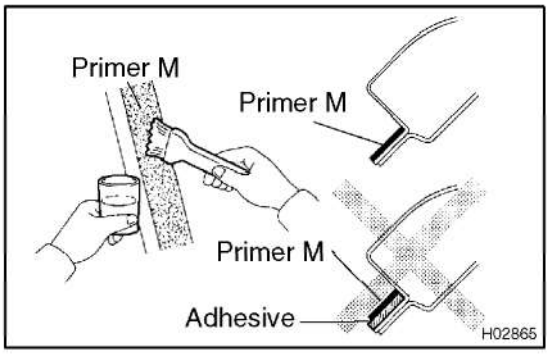
2. CLEAN REMOVED GLASS

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

(b) Clean the glass with cleaner.

NOTICE:

Do not touch the glass after cleaning it.

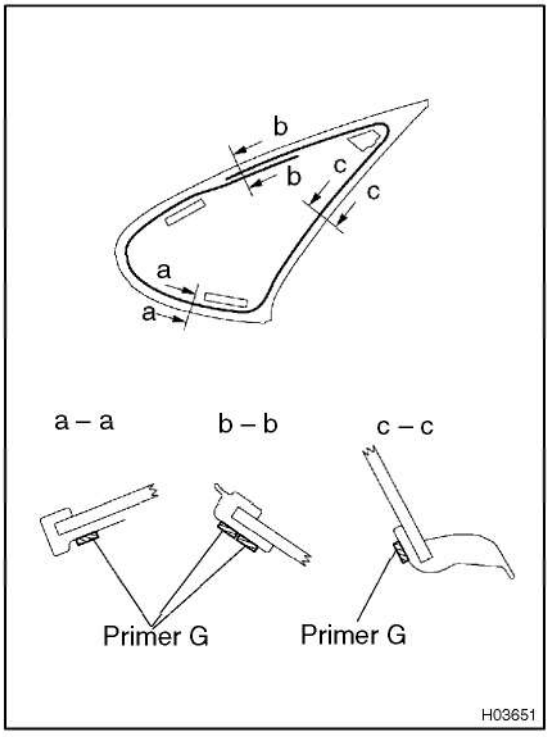


3. COAT CONTACT SURFACE OF BODY WITH PRIMER "M"

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

NOTICE:

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



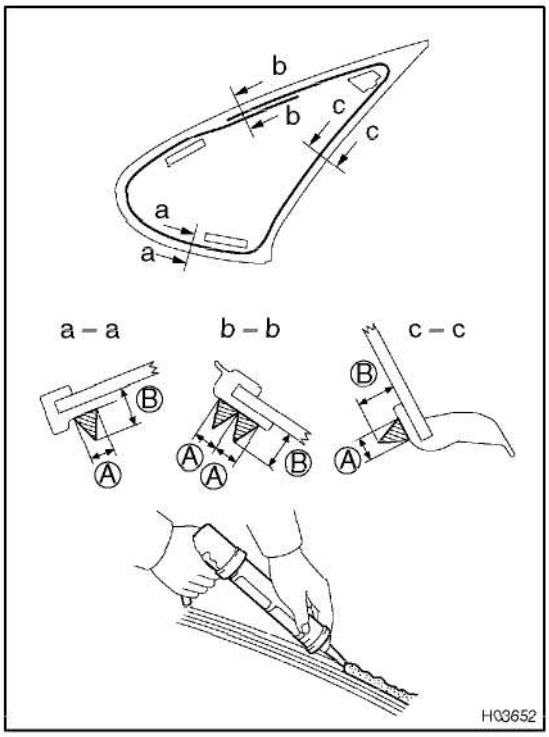
4. COAT CONTACT SURFACE OF GLASS WITH PRIMER "G"

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

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

NOTICE:

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



5. APPLY ADHESIVE

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

HINT:

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

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

(b) Load the cartridge into the sealer gun.

(c) Coat the glass with adhesive, as shown in the illustration.

A: 6.0 mm (0.236 in.)

B: 8.0 mm (0.315 in.)

6. INSTALL QUARTER WINDOW GLASS

(a) Install the glass to the body.

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

NOTICE:

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

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

7. INSPECT FOR LEAKS AND REPAIR

(a) Conduct a leak test after the hardening time has elapsed.

(b) Seal any leak with sealant.

Part No. 08833–00030 or equivalent

8. INSTALL THESE PARTS:

(a) Inner roof side garnish

(b) Rear side seatback

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

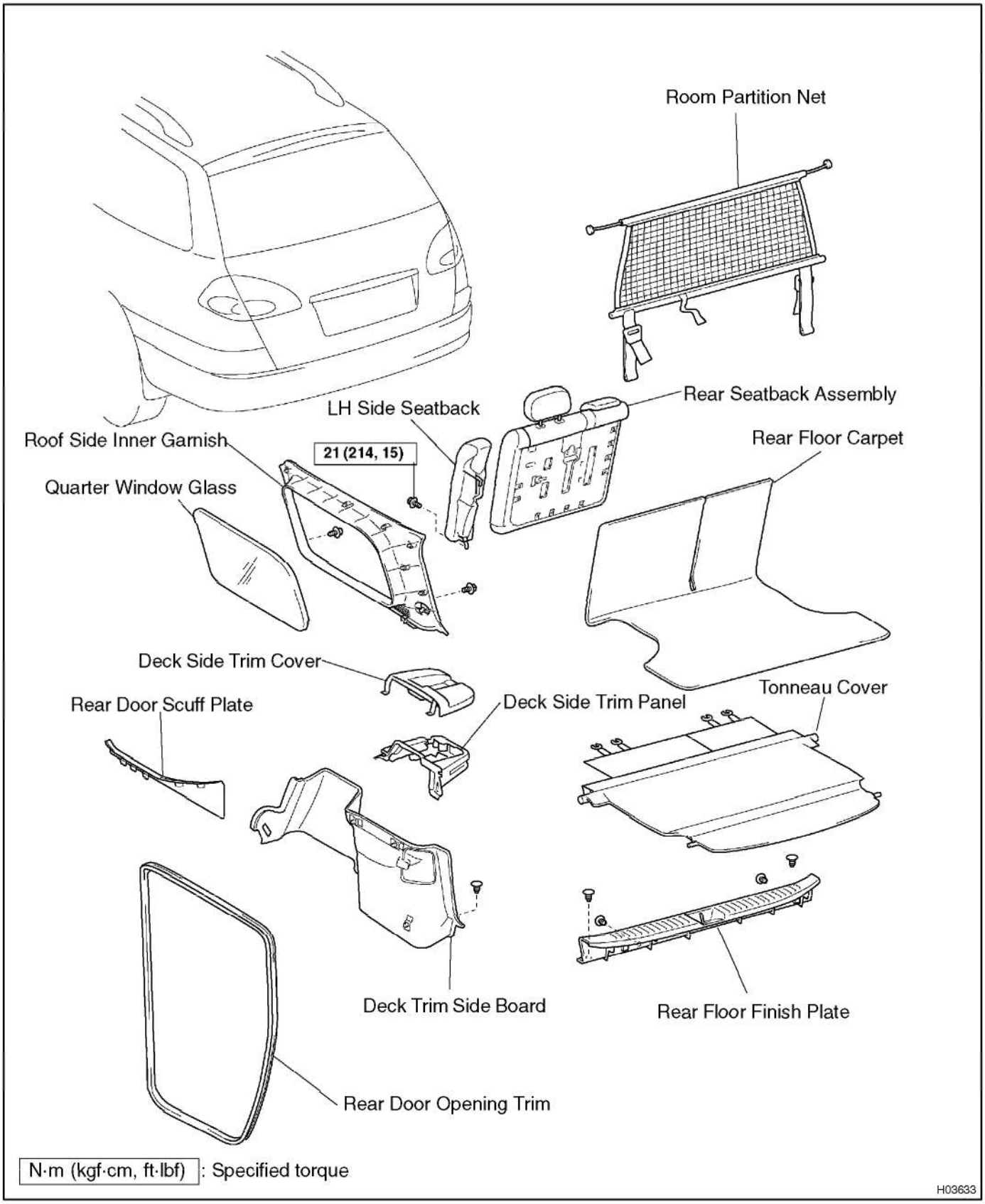
(c) Rear door scuff plate

(d) Rear door opening trim

QUARTER WINDOW GLASS (Wagon)

COMPONENTS

BO194–01

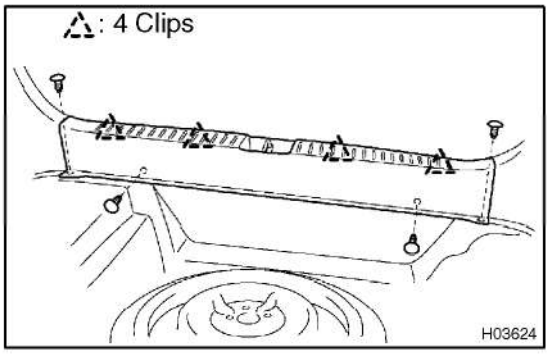


BO195–01

REMOVAL

1. REMOVE THESE PARTS:

(a) Rear floor carpet
(b) Rear seatback assembly
(c) Rear door opening trim
(d) Rear door scuff plate
(e) w/ Tonneau Cover:
Tonneau cover
(f) w/ Room Partition Net:
Room partition net

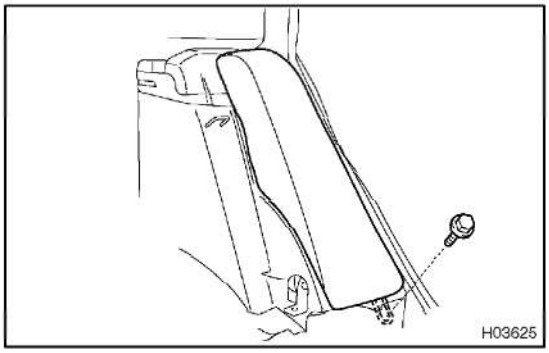


2. REMOVE REAR FLOOR FINISH PLATE

Using a screwdriver, remove the rear floor finish plate.
HINT:
Tape the screwdriver tip before use.

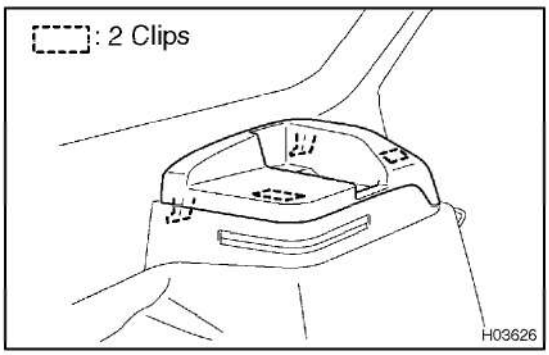
3. REMOVE REAR ROOM PARTITION NET HOOK

Remove the screw and hook.



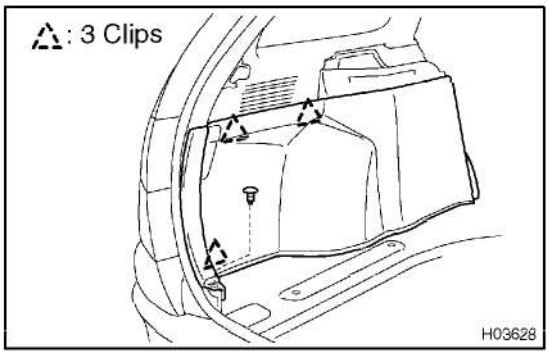
4. REMOVE LH SIDE SEATBACK

Remove the bolts and LH side seatback, as shown in the illustration.



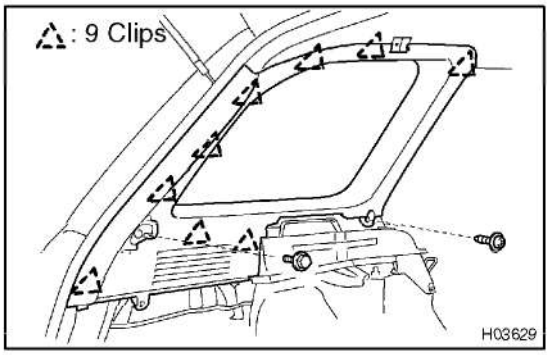
5. REMOVE DECK SIDE TRIM COVER

Using a screwdriver, remove the deck side trim cover, as shown in the illustration.
HINT:
Tape the screwdriver tip before use.



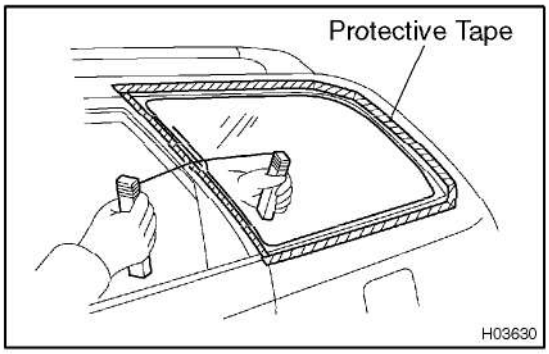
6. REMOVE DECK TRIM SIDE BOARD

Using a clip remover, remove the clip and deck trim side board.



7. REMOVE ROOF SIDE INNER GARNISH

Remove the bolt, screw and roof side inner garnish.



8. REMOVE QUARTER WINDOW GLASS

(a) Push piano wire through from the interior.

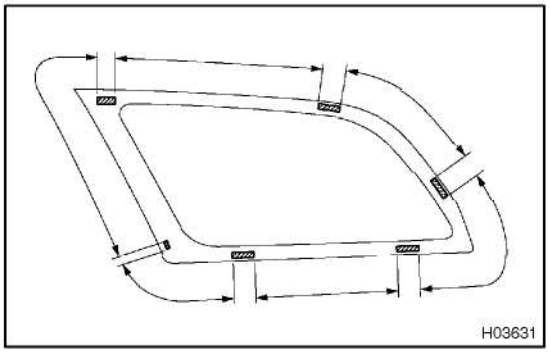
(b) Tie both wire ends to the wooden block or similar object.

HINT:

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

NOTICE:

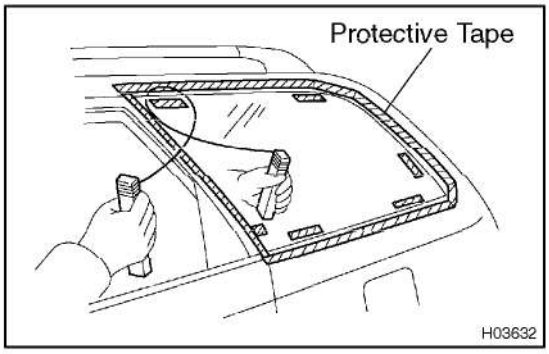
When separating the glass, take care not to damage the paint and exterior.



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

HINT:

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



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

NOTICE:

Do not damage the glass retainers.

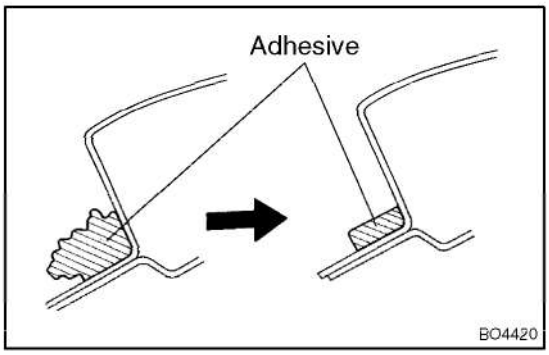
(e) Remove the 4 nuts and glass.

NOTICE:

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

BO195-01

INSTALLATION



1. CLEAN AND SHAPE CONTACT SURFACE OF BODY

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

HINT:

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

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

HINT:

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

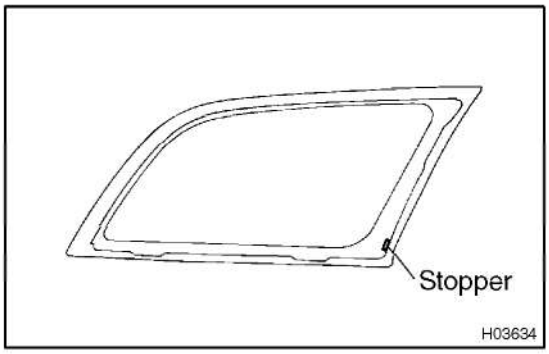
2. REPLACE STOPPER

(a) Remove the damaged stopper.

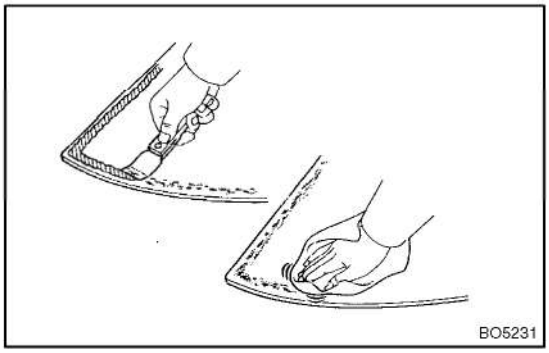
(b) Cut off the old adhesive around the stopper installation area.

NOTICE:

Be careful not to damage the glass.



(c) Install a new stopper onto the glass shown in the illustration.



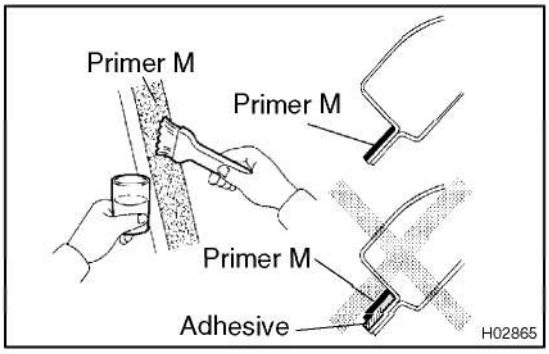
3. CLEAN REMOVED GLASS

(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.

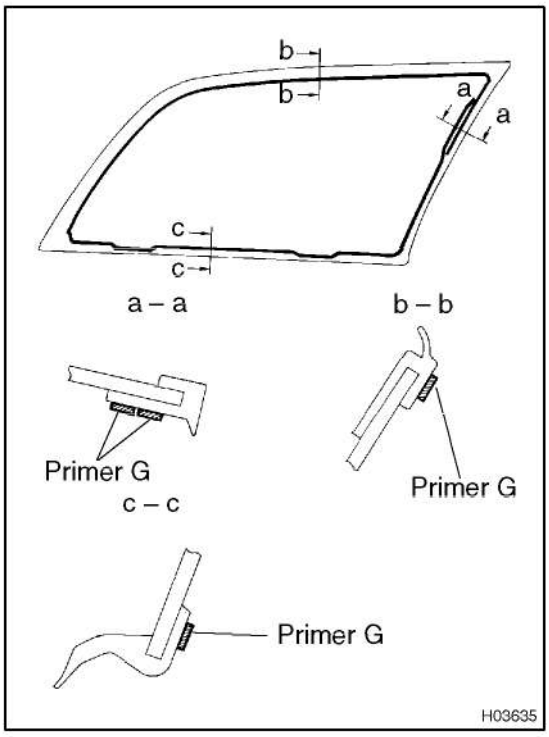


4. COAT CONTACT SURFACE OF BODY WITH PRIMER "M"

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

NOTICE:

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



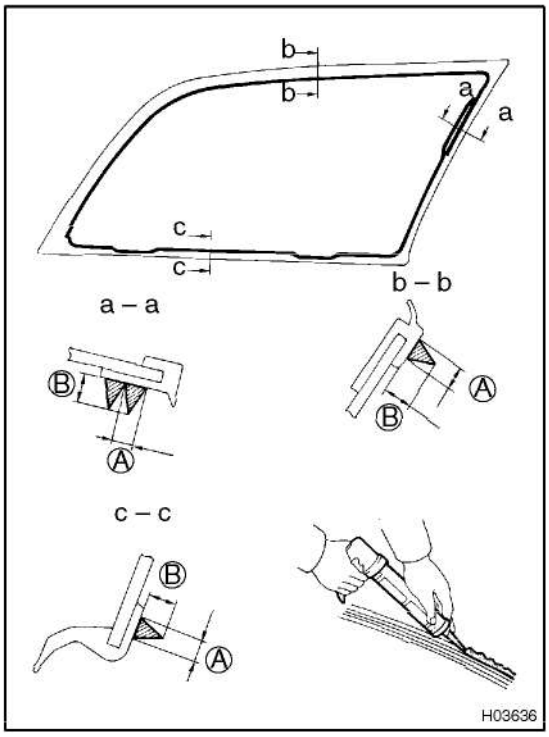
5. COAT CONTACT SURFACE OF GLASS WITH PRIMER "G"

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

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

NOTICE:

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



6. APPLY ADHESIVE

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

HINT:

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

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

(b) Load the cartridge into the sealer gun.

(c) Coat the glass with adhesive, as shown in the illustration.

A: 6.0 mm (0.236 in.)

B: 8.0 mm (0.315 in.)

7. INSTALL QUARTER WINDOW GLASS

(a) Install the glass to the body.

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

NOTICE:

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

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

8. INSPECT FOR LEAKS AND REPAIR

(a) Conduct a leak test after the hardening time has elapsed.

(b) Seal any leak with sealant.

Part No. 08833–00030 or equivalent

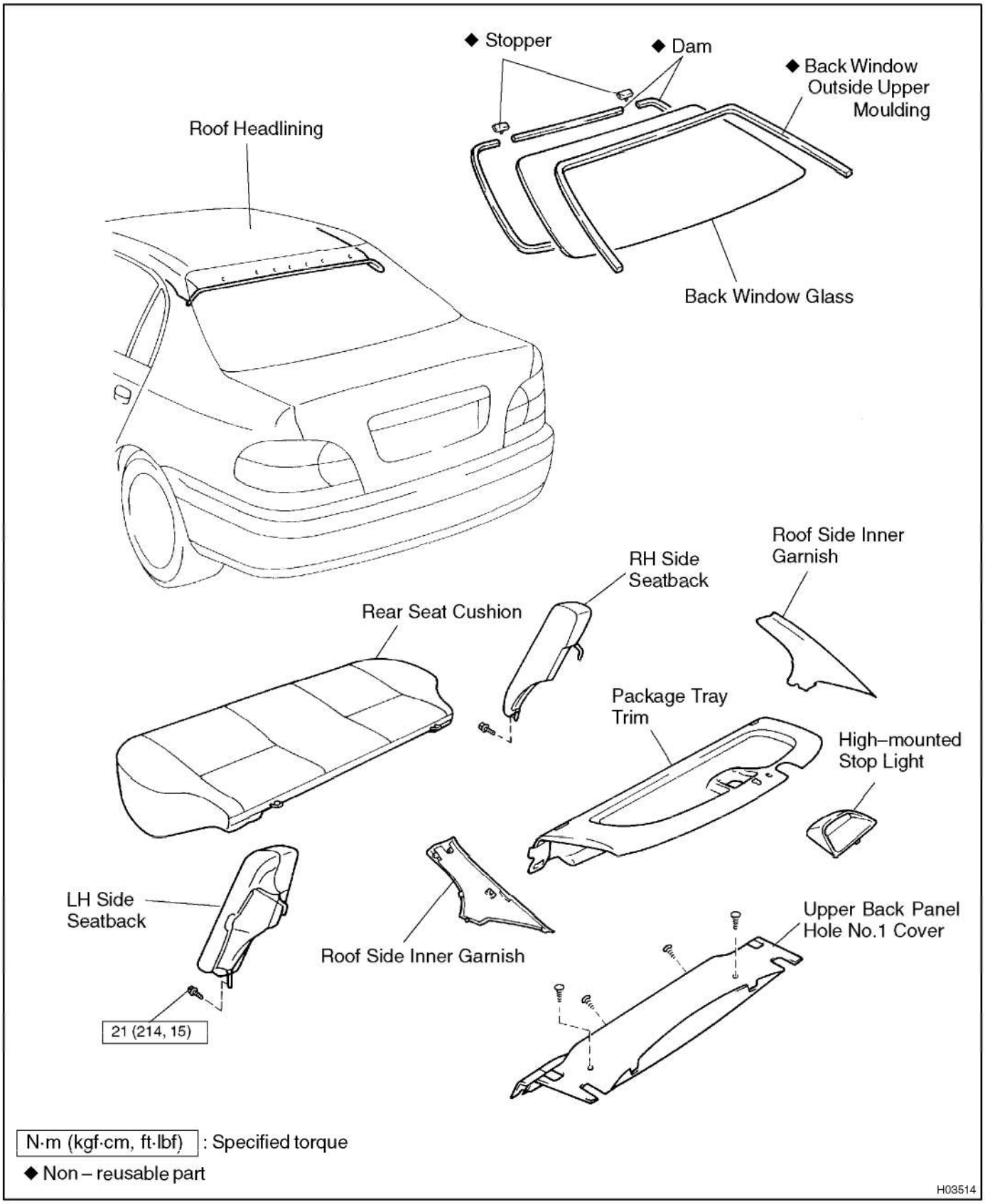
9. INSTALL THESE PARTS:

(a) Roof side inner garnish
(b) Deck trim side board
(c) Deck side trim cover
(d) Rear side seatback
Torque: 21 N·m (214 kgf·cm, 15 ft·lbf)
(e) Rear room partition net hook
(f) Rear floor finish plate
(g) w/ Room Partition Net:
Room partition net
(h) w/ Tonneau Cover:
Tonneau cover
(i) Rear door scuff plate
(j) Rear door opening trim
(k) Rear seatback assembly
(l) Rear floor carpet

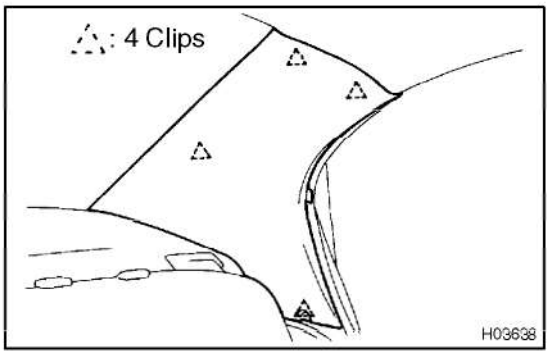
BACK WINDOW GLASS (Sedan)

COMPONENTS

BCXIU–02



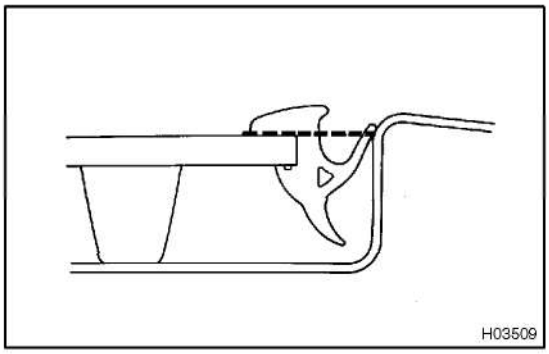
BO19H–01



REMOVAL

1. REMOVE THESE PARTS:

(a) Rear seat
(See page BO–136)
(b) Roof side inner garnishes
(c) Package tray trim
(d) w/ High–mounted Stop Light:
High–mounted stop light
(e) Rear part of roof headlining
(f) Room partition trim

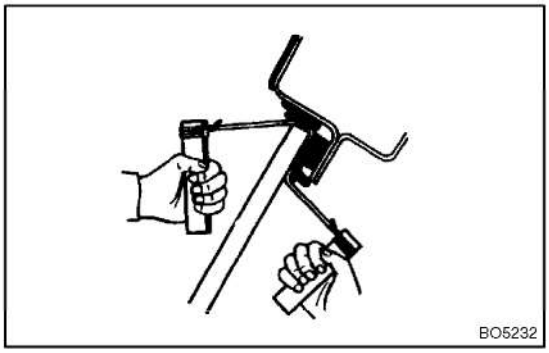


2. REMOVE BACK WINDOW OUTSIDE UPPER MOULDING

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

NOTICE:

Do not damage the body with the knife.

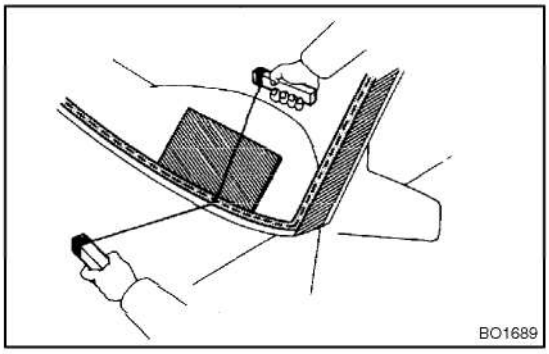


3. REMOVE BACK WINDOW GLASS

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

HINT:

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



NOTICE:

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

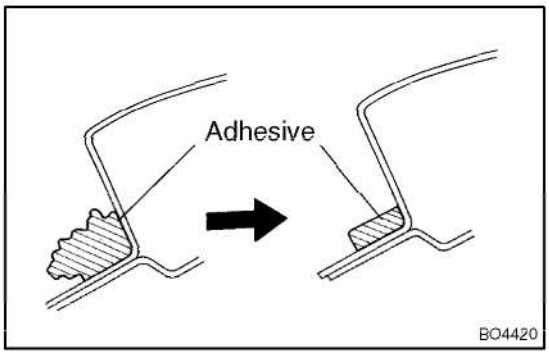
(d) Cut the adhesive by pulling the piano wire around it.
(e) Remove the glass.

NOTICE:

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

BO19I–01

INSTALLATION



1. CLEAN AND SHAPE CONTACT SURFACE OF BODY

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

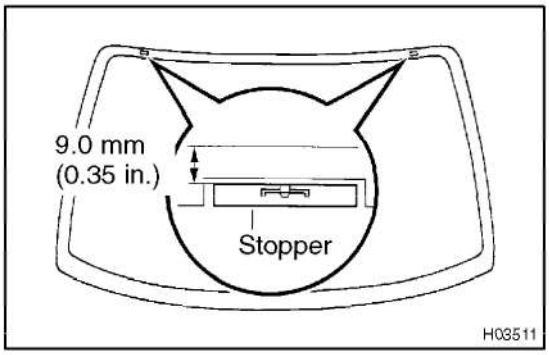
HINT:

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

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

HINT:

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



2. REPLACE STOPPER

(a) Remove the damaged stopper.

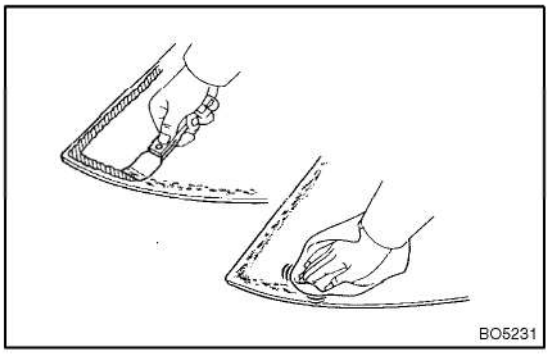
(b) Cut off the old adhesive around the stopper installation area.

NOTICE:

Be careful not to damage the body.

(c) Clean the installation area.

(d) Attach the stoppers to the glass with the ceramic notch on the glass aligned with the stoppers, as shown in the illustration.



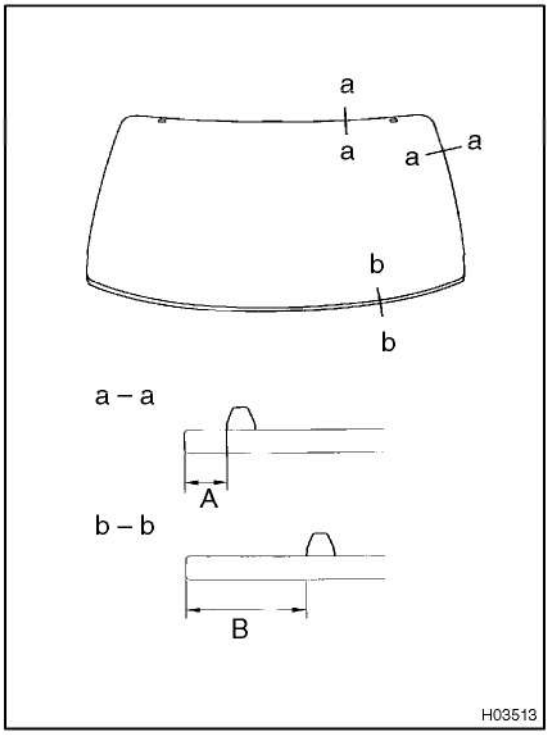
3. CLEAN REMOVED GLASS

(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.



4. INSTALL DAMS

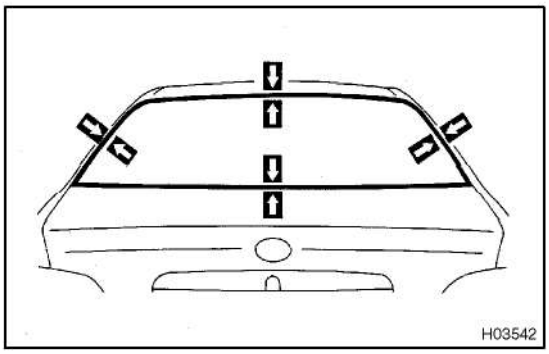
Install the dams with double – stick tape as shown in the illustration.

A: 7.0 mm (0.276 in.)

B: 20.0 mm (0.787 in.)

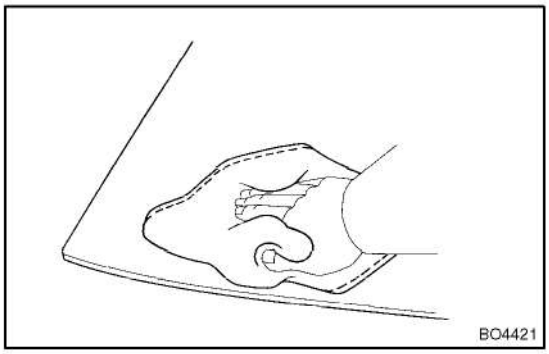
NOTICE:

Do not touch the glass surface after cleaning it.



5. POSITION GLASS

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

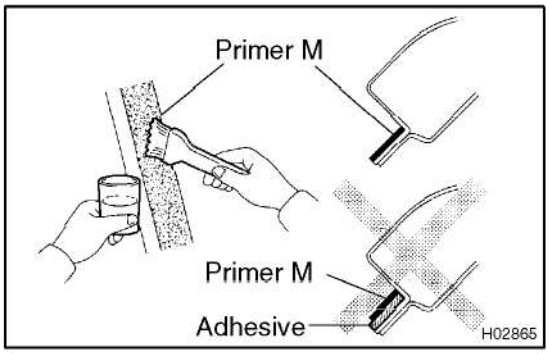


6. CLEAN CONTACT SURFACE OF GLASS

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.

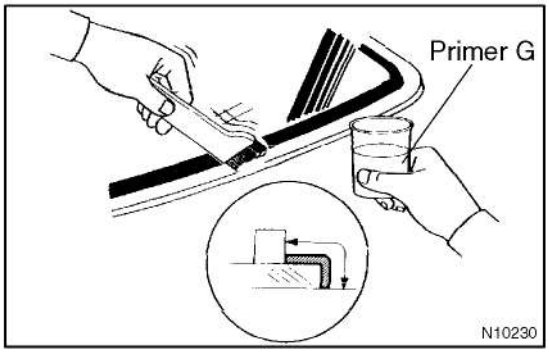


7. COAT CONTACT SURFACE OF BODY WITH PRIMER "M"

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

NOTICE:

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

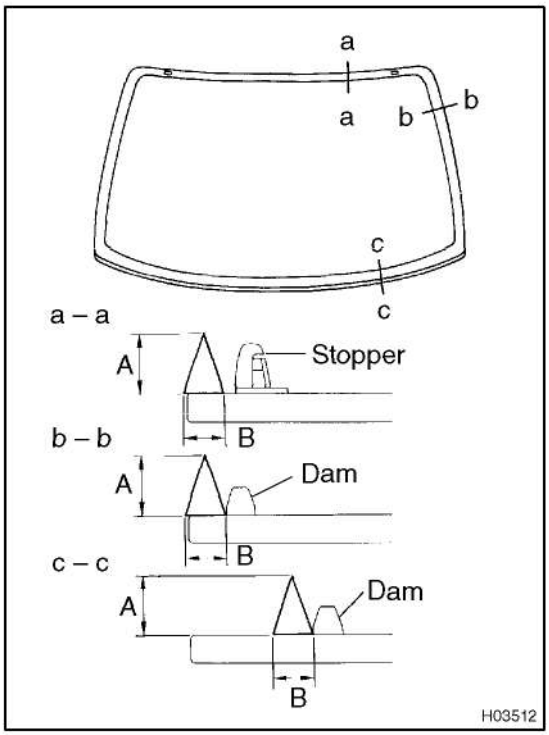


8. COAT CONTACT SURFACE OF GLASS WITH PRIMER "G"

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

NOTICE:

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



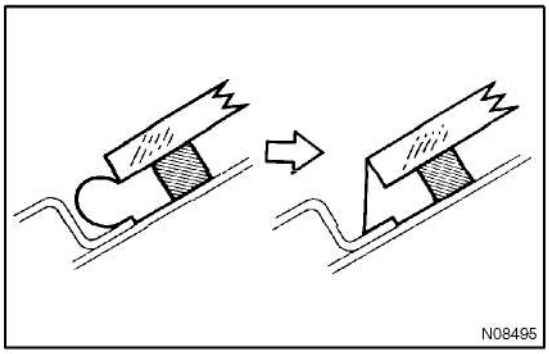
9. APPLY ADHESIVE

(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.

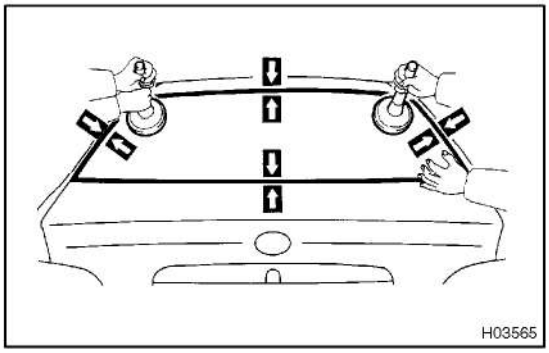
Temperature	Tackfree time
35 °C (95 °F)	15 minutes
20 °C (68 °F)	100 minutes
5 °C (41 °F)	8 hours

(b) Load the cartridge into the sealer gun.
(c) Coat the glass with adhesive as shown.
A: 12.5 mm (0.472 in.)
B: 8.0 mm (0.315 in.)

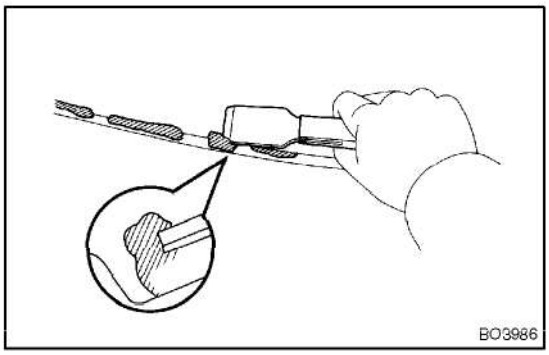


10. INSTALL GLASS

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



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



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

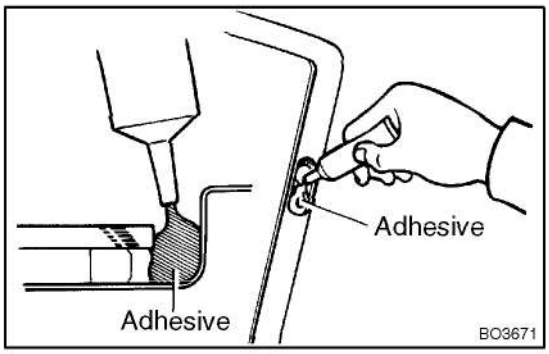
NOTICE:

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

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

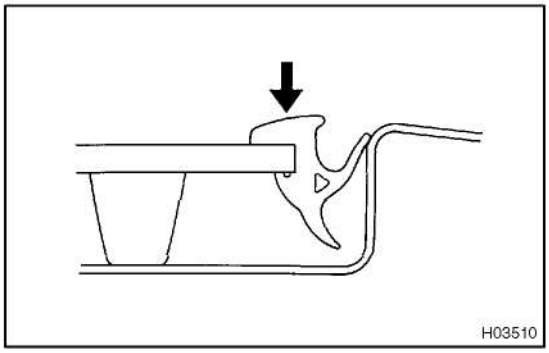
11. INSPECT FOR LEAKAGE AND REPAIR

(a) Do a leak test after the hardening time has elapsed.
(b) Seal any leakage with sealant.
Part No. 08833–00030 or equivalent.



12. APPLY ADHESIVE AT MOULDING INSTALLATION AREA

Coat the glass with adhesive at the moulding installation area.
Part No. 08833–00030 or equivalent.

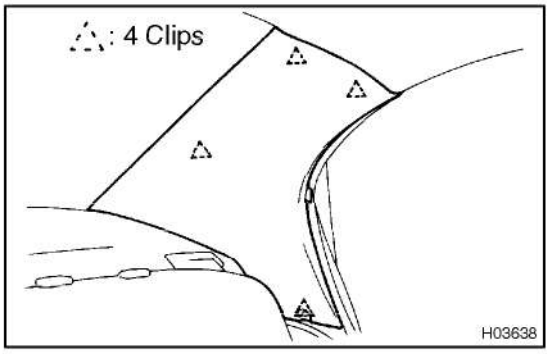


13. INSTALL BACK WINDOW OUTSIDE UPPER MOULDING

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

14. INSTALL THESE PARTS:

(a) Room partition Trim
(b) Rear part of roof headlining
(c) w/ High–mounted Stop Light
High–mounted stop light
(d) Package tray trim

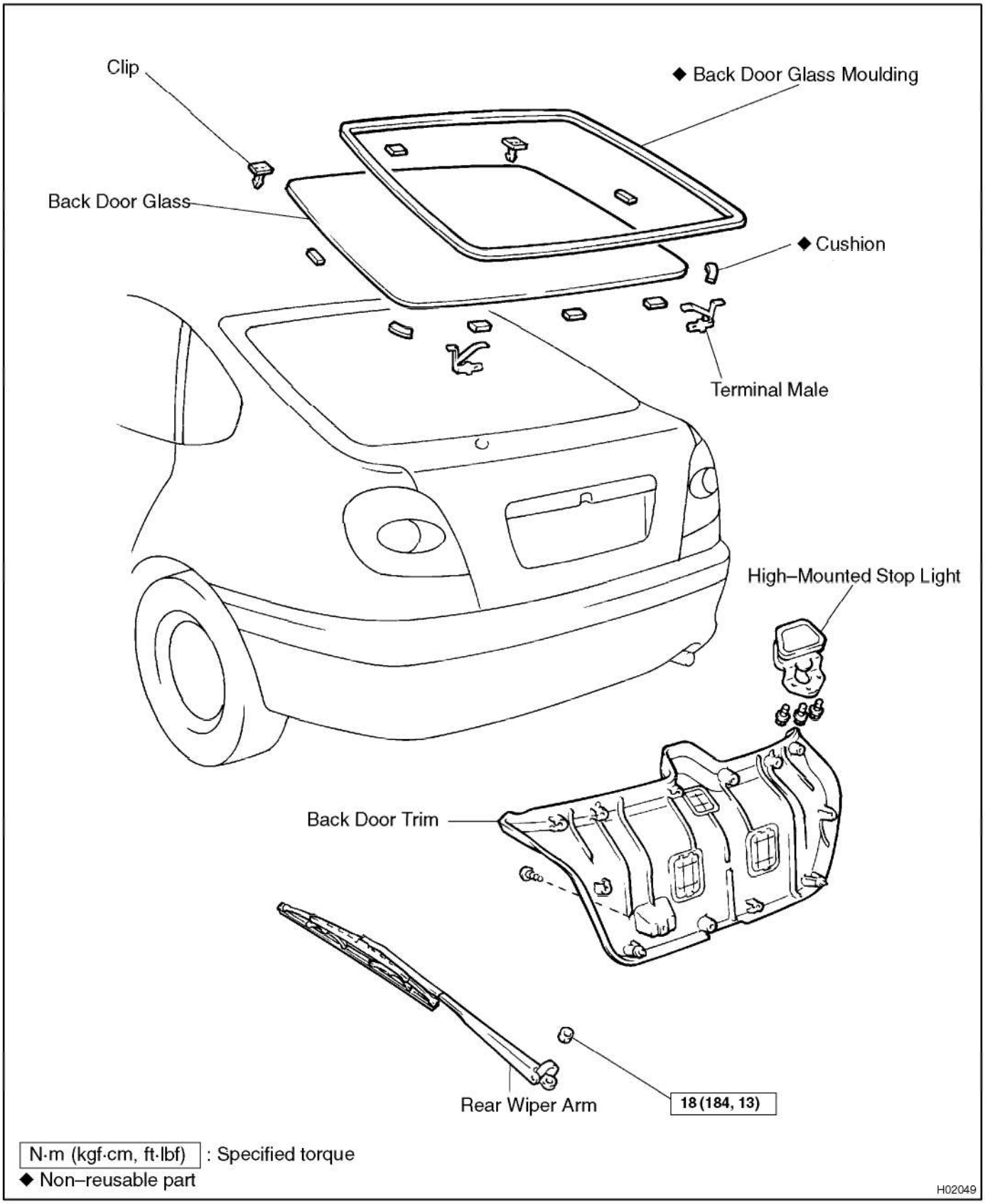


(e) Roof side inner garnishes
(f) Rear seat
(See page BO–139)

BACK DOOR GLASS (Liftback)

COMPONENTS

BO04C–02



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

H02049

BO04D-02

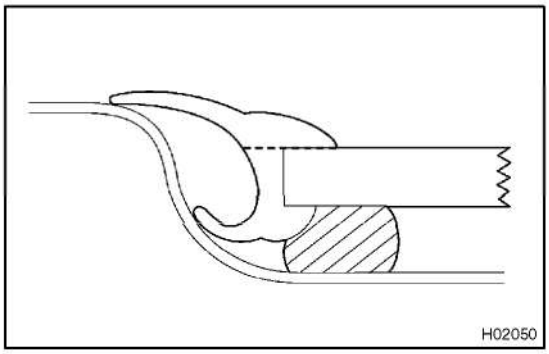
REMOVAL

1. REMOVE THESE PARTS:

(a) Back door trim

(b) High–mounted stop light

(c) Rear wiper arm

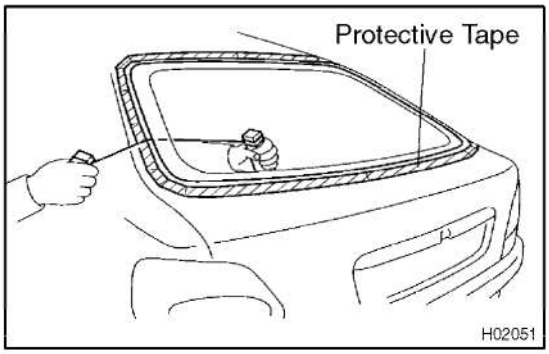


2. REMOVE BACK DOOR GLASS MOULDING

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

NOTICE:

Do not damage the body with the knife.



3. REMOVE BACK DOOR GLASS

(a) Push piano wire through from the interior.

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

HINT:

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

NOTICE:

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

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

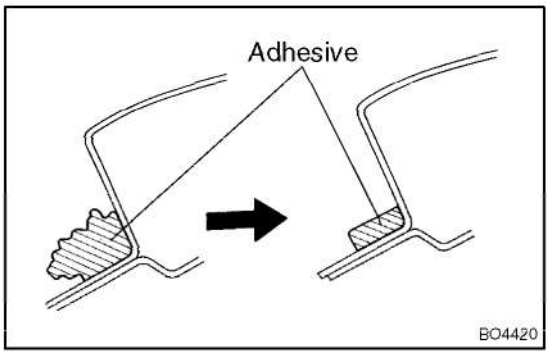
(d) Remove the glass.

NOTICE:

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

BO04E-02

INSTALLATION



1. CLEAN AND SHAPE CONTACT SURFACE OF BODY

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

HINT:

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

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

HINT:

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

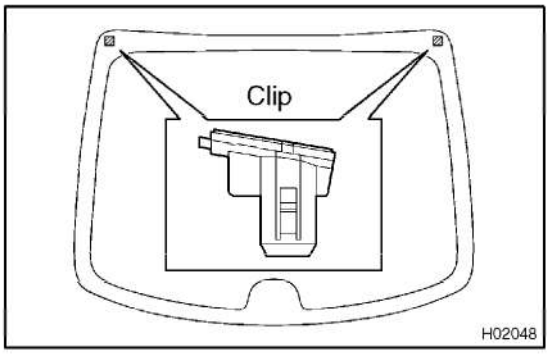
2. REPLACE SPACER

(a) Remove the damaged spacer.

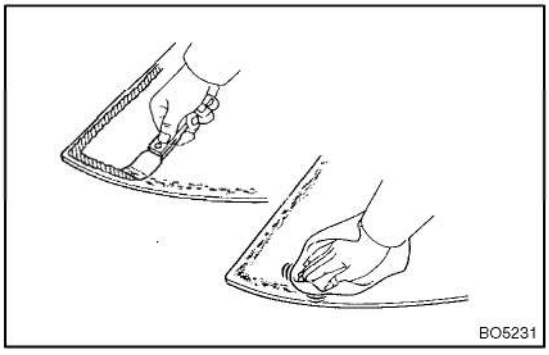
(b) Cut off the old adhesive around the spacer installation area.

NOTICE:

Be careful not to damage the back door glass.



(c) Install a new clip onto the back door, as shown in the illustration.



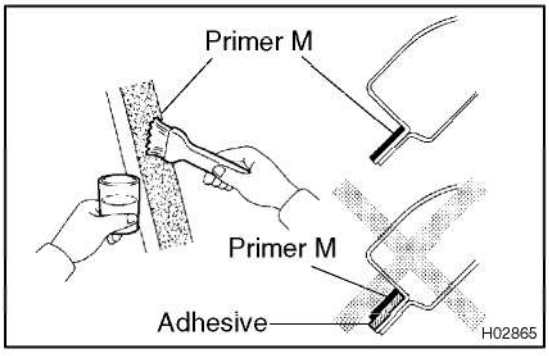
3. CLEAN REMOVED GLASS

(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.

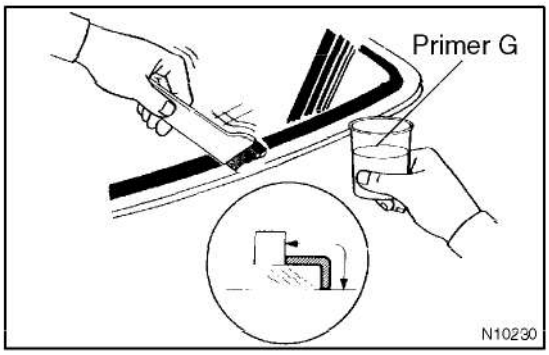


4. COAT CONTACT SURFACE OF BODY WITH PRIMER "M"

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

NOTICE:

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



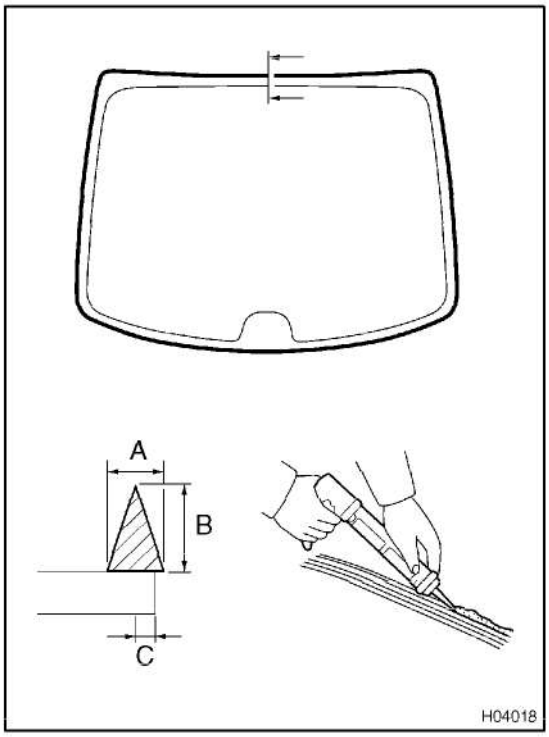
5. COAT CONTACT SURFACE OF GLASS WITH PRIMER "G"

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

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

NOTICE:

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



6. APPLY ADHESIVE

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

HINT:

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

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

(b) Load the cartridge into the sealer gun.

(c) Coat the glass with adhesive, as shown in the illustration.

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

7. INSTALL BACK DOOR GLASS

(a) Install the glass to the body.

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

NOTICE:

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

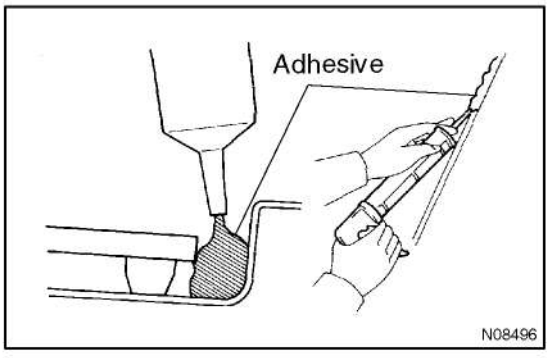
Temperature	Minimum time prior to moving a car
35 °C (95 °F)	1.5 hour
20 °C (68 °F)	5 hour
5 °C (41 °F)	24 hour

8. INSPECT FOR LEAKS AND REPAIR

(a) Conduct a leak test after the handling time has elapsed.

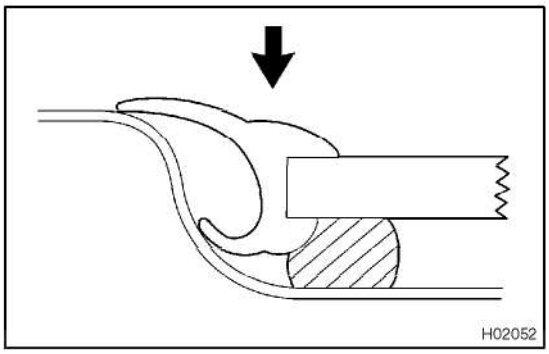
(b) Seal any leak with sealant.

Part No. 08833–00030 or equivalent



9. APPLY ADHESIVE MOULDING INSTALLATION AREA

Coat the glass with adhesive at the moulding installation area.



10. INSTALL BACK DOOR GLASS MOULDING

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

11. INSTALL THESE PARTS:

(a) Rear wiper arm

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

(b) Back door opening trim

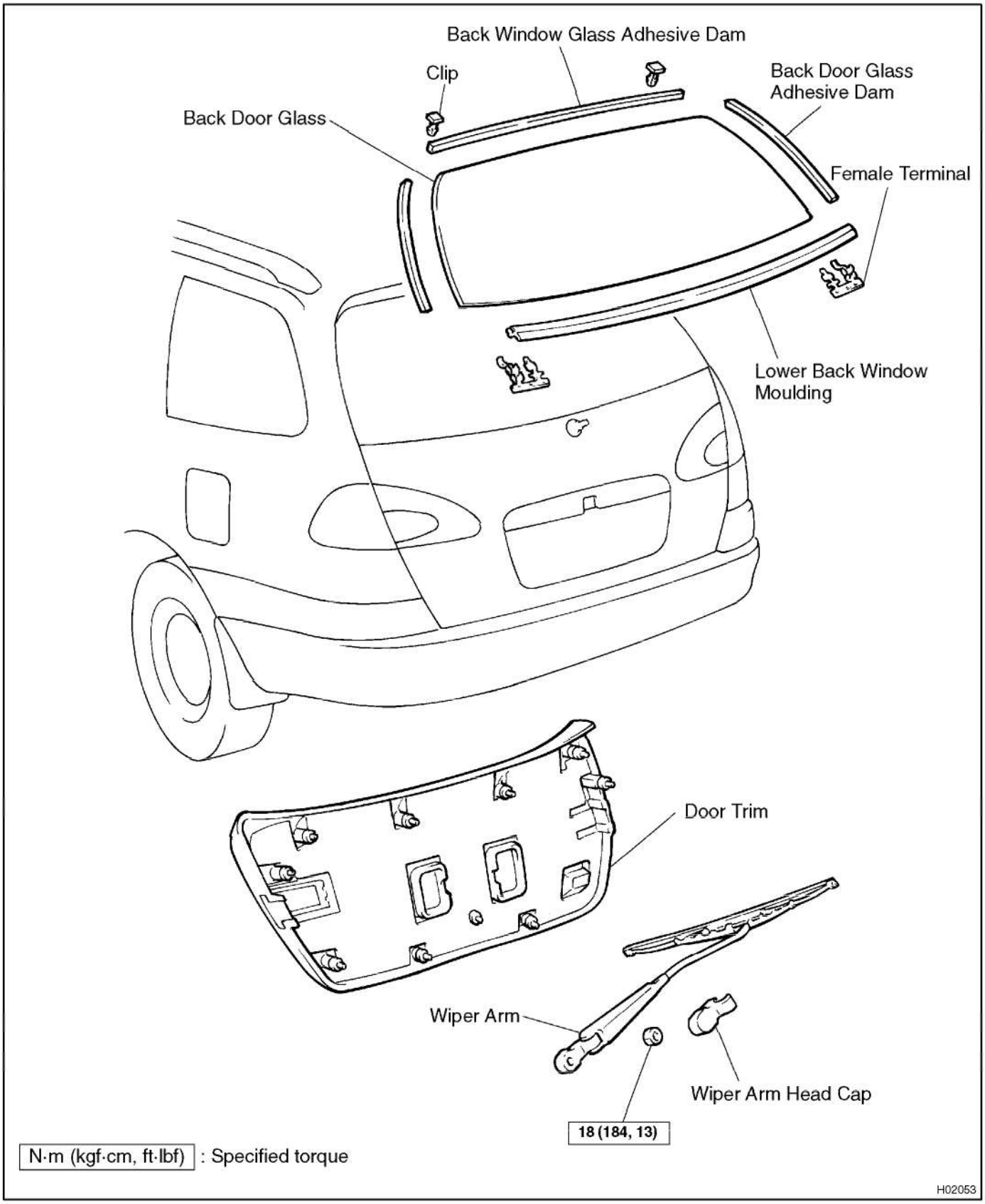
(c) High–mounted stop light

(d) Back door trim

BACK DOOR GLASS AND MOULDING (Wagon)

COMPONENTS

BO1BA–01

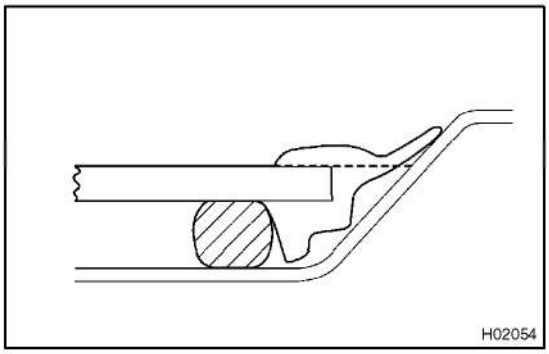


BO158–01

REMOVAL

1. REMOVE THESE PARTS:

(a) Back door trim
(b) Wiper arm head cap
(c) Rear wiper arm
(d) Rear wiper motor

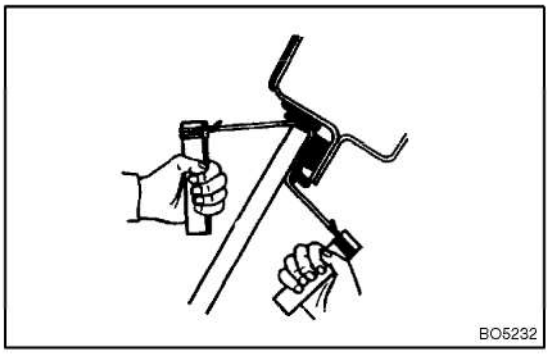


2. REMOVE LOWER BACK WINDOW MOULDING

Using a knife, cut off the moulding as shown.

NOTICE:

Do not damage the body with the knife.

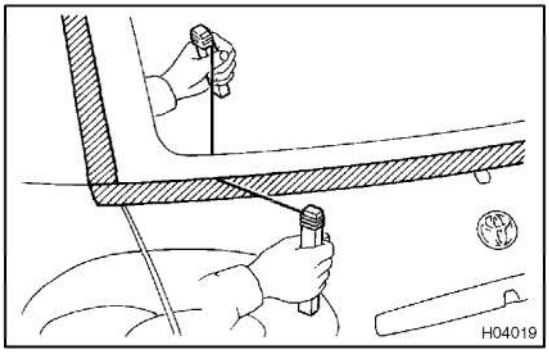


3. REMOVE BACK DOOR GLASS

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

HINT:

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



NOTICE:

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

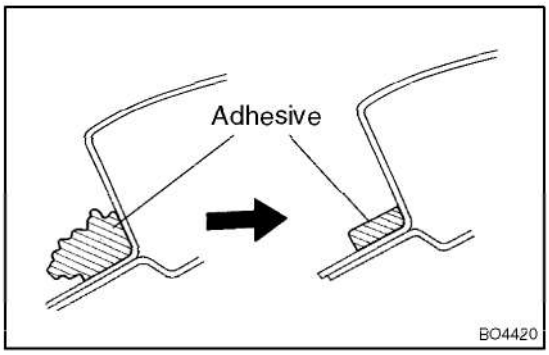
(d) Cut the adhesive by pulling the piano wire around it.
(e) Remove the glass.

NOTICE:

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

BO1BC–01

INSTALLATION



1. CLEAN AND SHAPE CONTACT SURFACE OF BODY

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

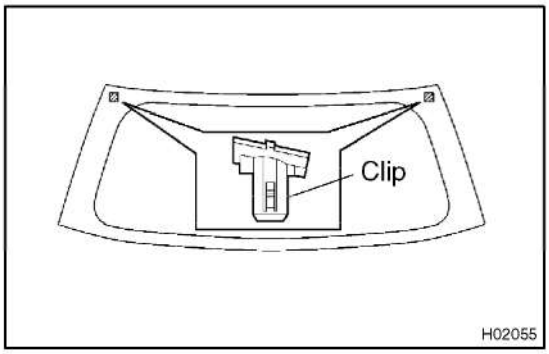
HINT:

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

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

HINT:

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



2. REPLACE CLIP

(a) Remove the damaged clip.

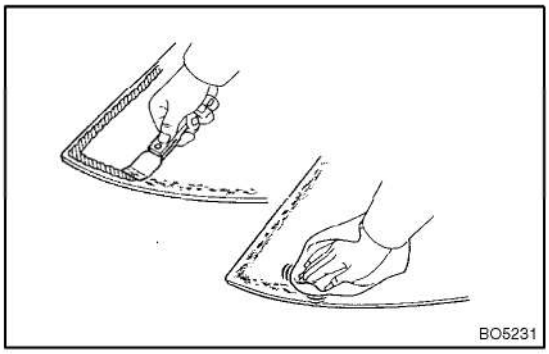
(b) Cut off the old adhesive around the clip installation area.

NOTICE:

Be careful not to damage the body.

(c) Clean the installation area.

(d) Attach the clips to the glass with the ceramic notch on the glass aligned with the clips, as shown in the illustration.



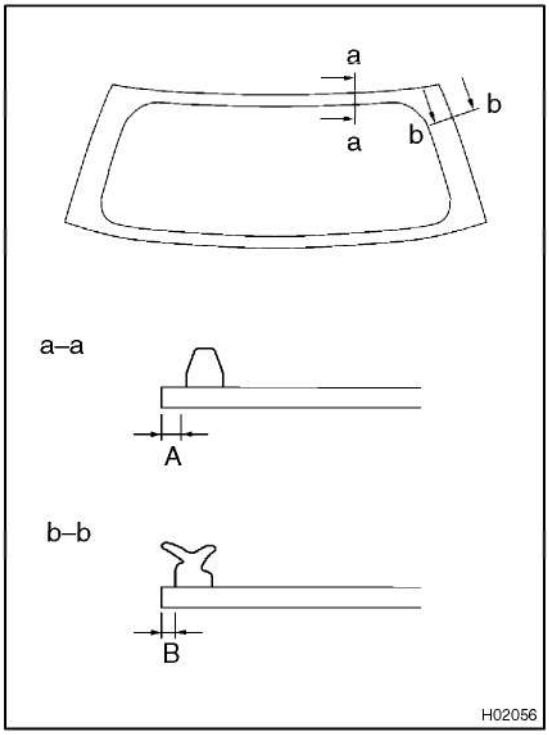
3. CLEAN REMOVED GLASS

(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.



4. INSTALL DAMS

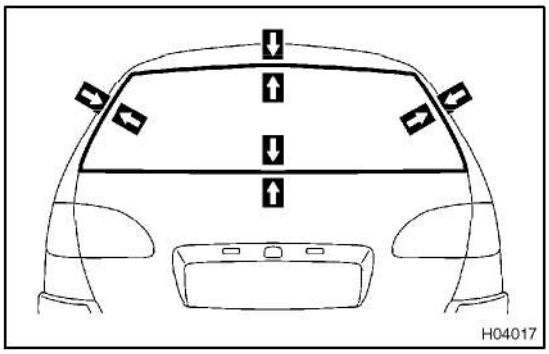
Install the dams with double–stick tape, as shown in the illustration.

A: 2.5 mm (0.098 in.)

B: 1.7 mm (0.067 in.)

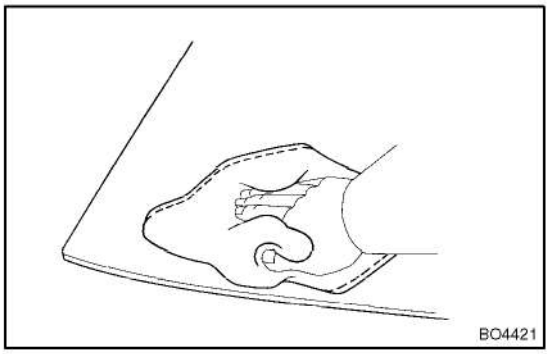
NOTICE:

Do not touch the glass surface after cleaning it.



5. POSITION GLASS

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

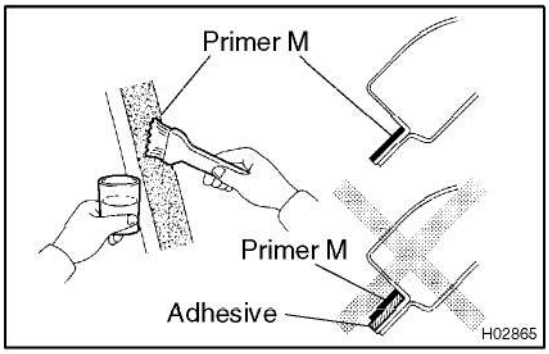


6. CLEAN CONTACT SURFACE OF GLASS

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.

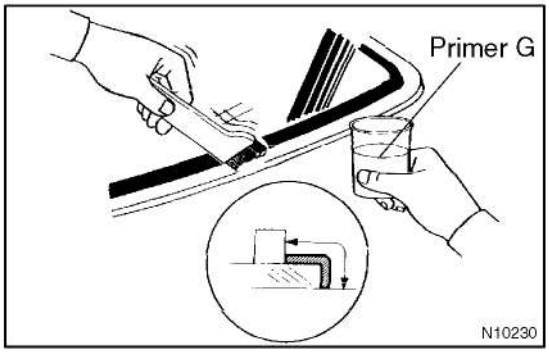


7. COAT CONTACT SURFACE OF BODY WITH PRIMER "M"

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

NOTICE:

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

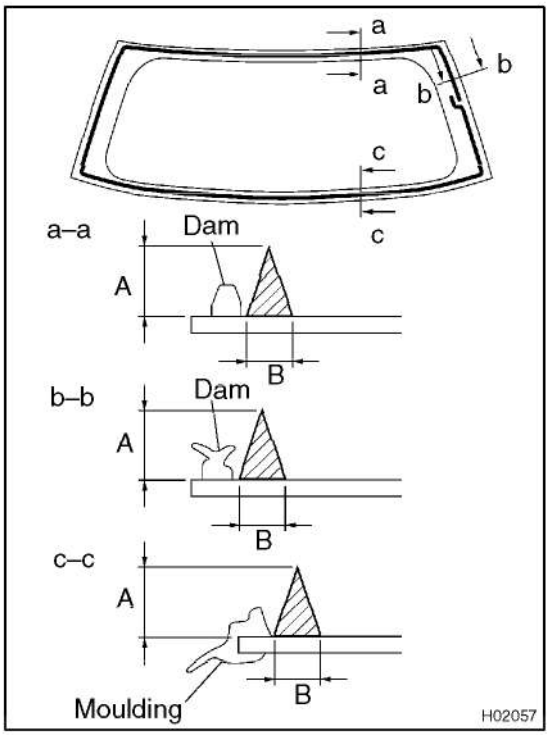


8. COAT CONTACT SURFACE OF GLASS WITH PRIMER "G"

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

NOTICE:

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



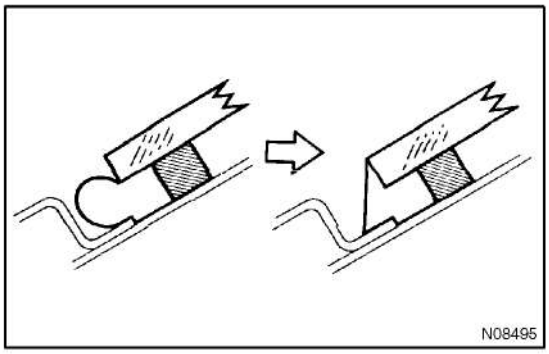
9. APPLY ADHESIVE

(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.

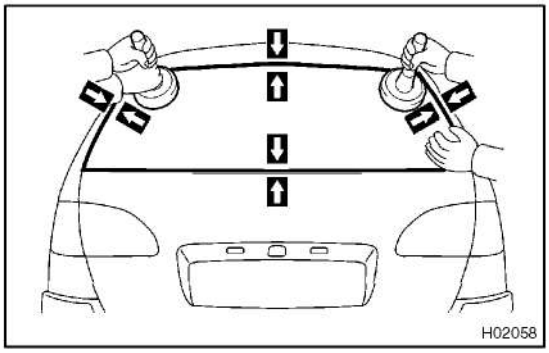
Temperature	Tackfree time
35 °C (95 °F)	15 minutes
20 °C (68 °F)	100 minutes
5 °C (41 °F)	8 hours

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

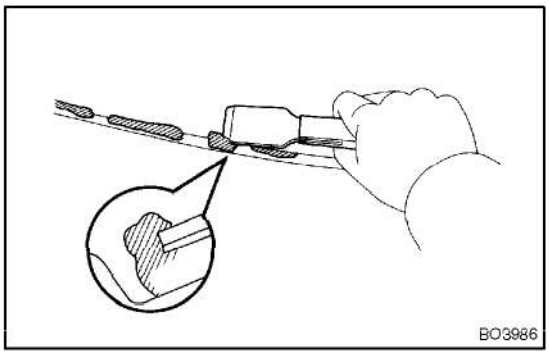


10. INSTALL GLASS

HINT:
Check that the dam is attached the body panel, as shown in the illustration.



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



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

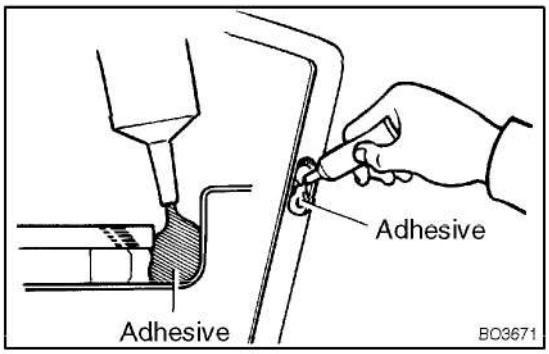
NOTICE:

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

Temperature	Tackfree time
35 °C (95 °F)	1.5 hours
20 °C (68 °F)	5 hours
5 °C (41 °F)	24 hours

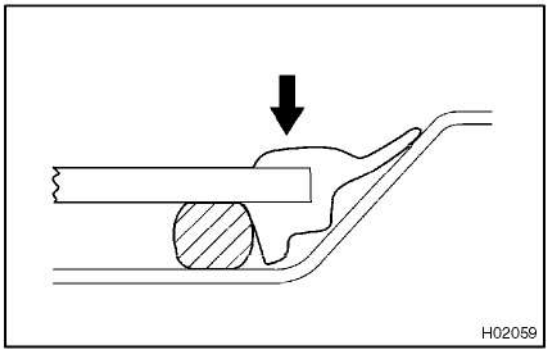
11. INSPECT FOR LEAKAGE AND REPAIR

(a) Do a leak test after the hardening time has elapsed.
(b) Seal any leakage with sealant.
Part No. 08833–00030 or equivalent.



12. APPLY ADHESIVE AT MOULDING INSTALLATION AREA

Coat the glass with adhesive at the moulding installation area.
Part No. 08833–00030 or equivalent.

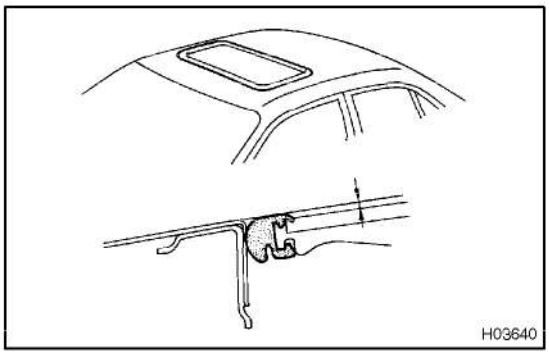


13. INSTALL LOWER BACK WINDOW MOULDING

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

14. INSTALL THESE PARTS:

(a) Rear wiper motor
Torque: 5.4 N·m (55 kgf·cm, 48 in.·lbf)
(b) Rear wiper arm
Torque: 18 N·m (184 kgf·cm, 13 ft·lbf)
(c) Back door trim



SLIDING ROOF

BO197–01

ON–VEHICLE INSPECTION

INSPECT SLIDING ROOF GLASS ALIGNMENT

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

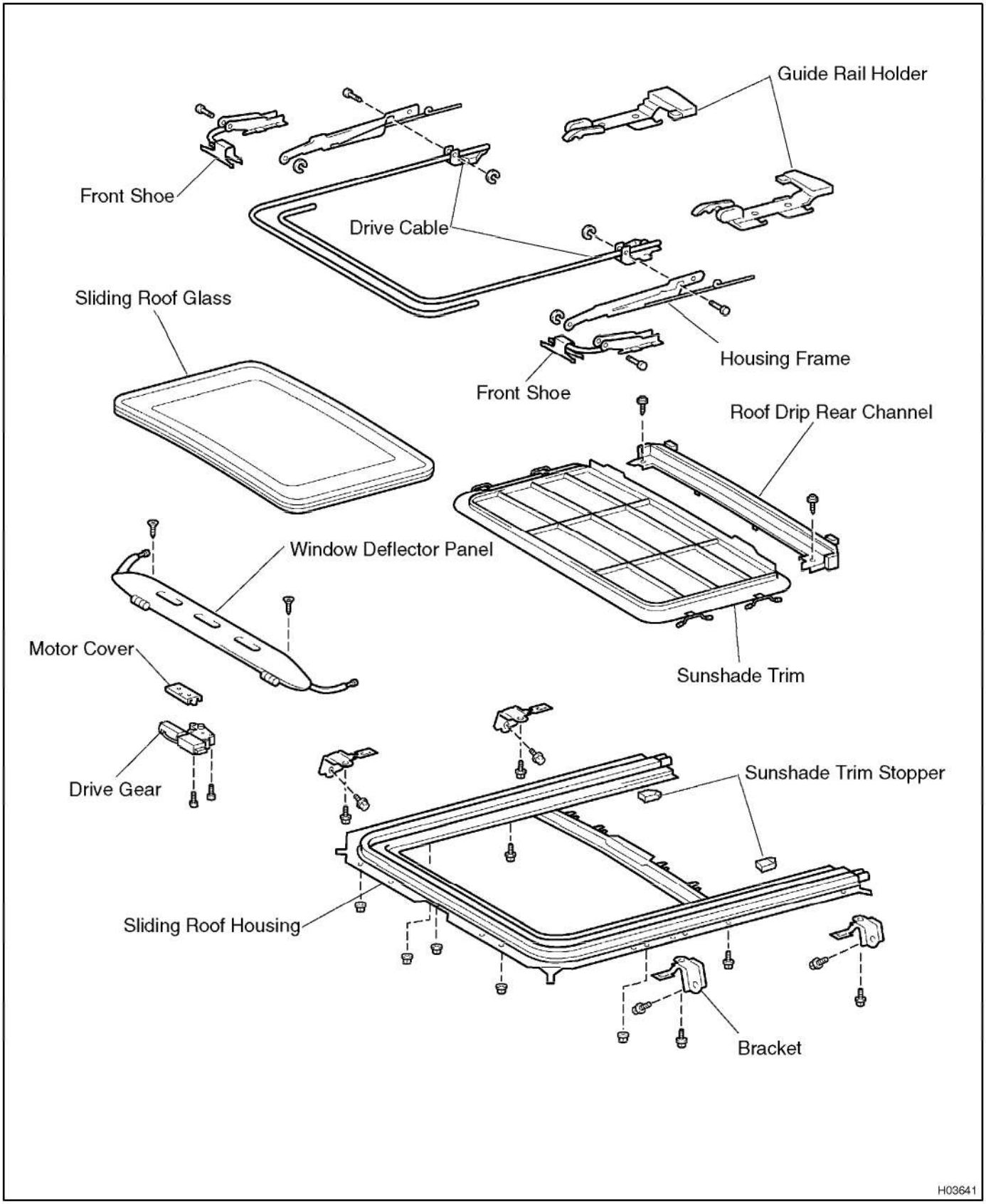
(b) Check for abnormal noise or bending during operation.

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

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

BO138–01

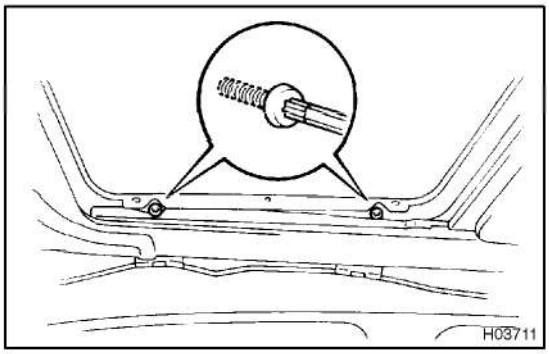
COMPONENTS



BO139–01

REMOVAL

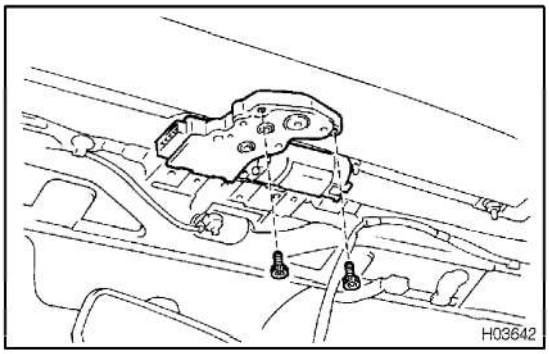
1. REMOVE ROOF HEADLINING
(See page BO–119 or BO–122 or BO–125)



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

(a) Disconnect the connector.

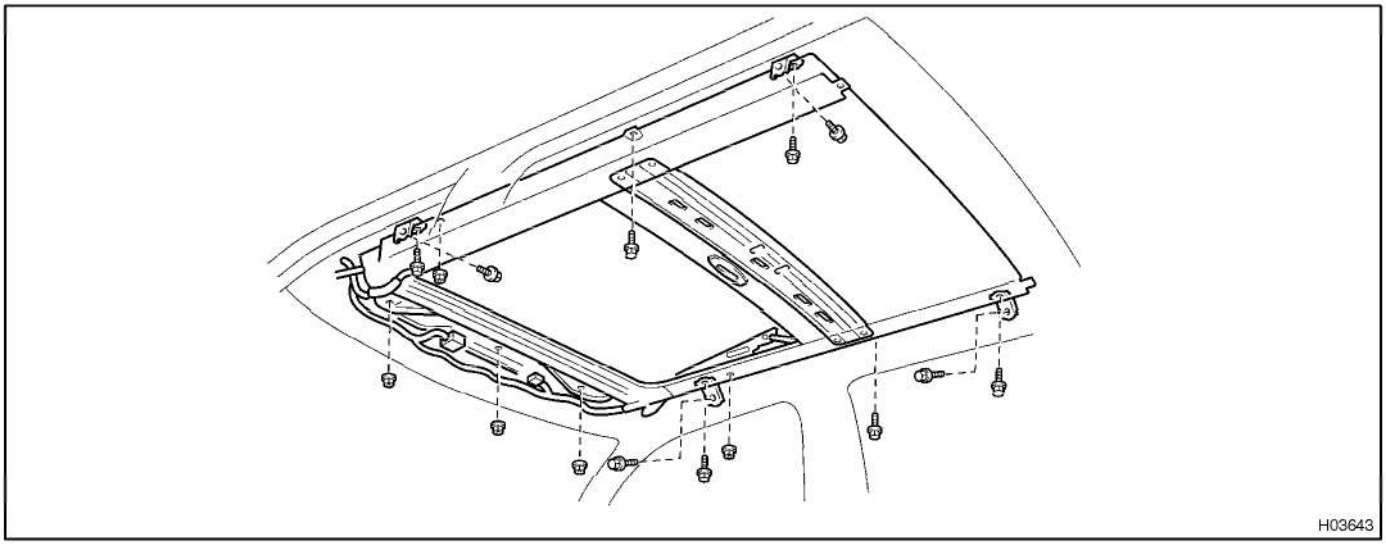
(b) Remove the 2 screws and drive motor.

4. REMOVE SLIDING ROOF HOUSING

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

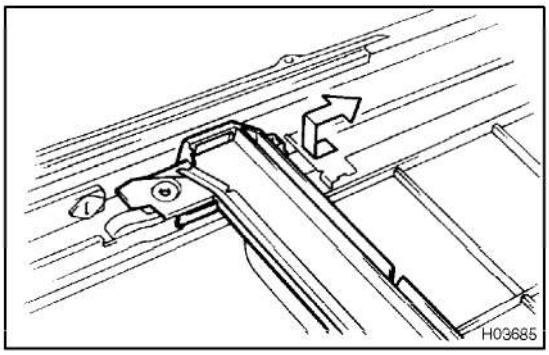
(b) Remove the 8 bolts and 4 brackets.

(c) Remove the 2 bolts, 5 nuts and housing.



BO19A–01

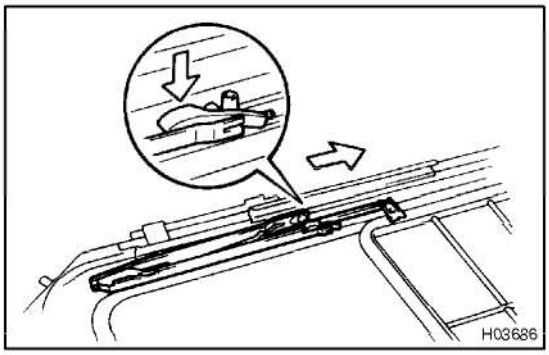
DISASSEMBLY



1. REMOVE ROOF DRIP REAR CHANNEL

(a) Remove the 2 screws.

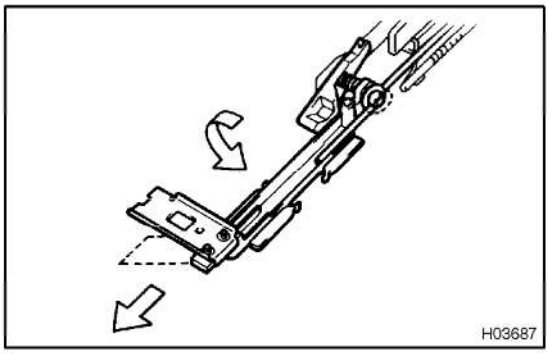
(b) Slide the rear channel forward and disengage the rear channel from the guide rail holder, then pull the channel backward and remove.



2. REMOVE SLIDING ROOF DRIVE CABLE ASSEMBLY

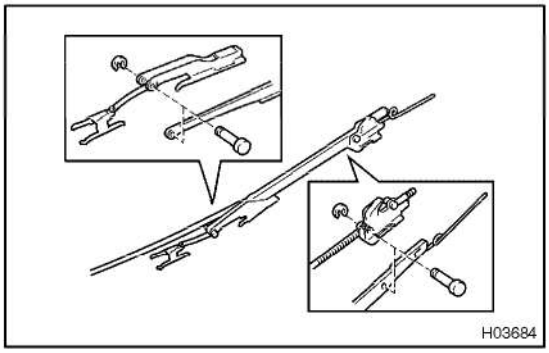
(a) Push the lever of the drive cable assembly (guide rail holder) and disengage it from the notch in the guide rail.

(b) Slide the drive cable assembly backward and pull it out of guide rail.



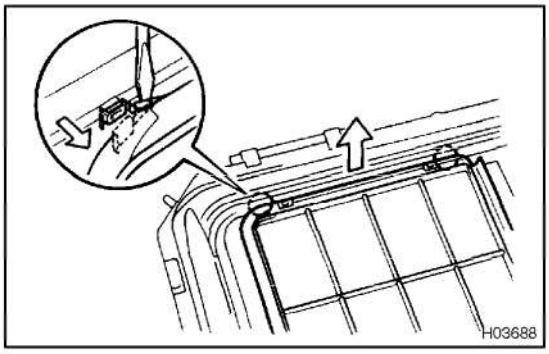
3. REMOVE GUIDE RAIL HOLDER

Turn the guide rail holder, as shown in the illustration and pull it off the housing frame.



4. REMOVE DRIVE CABLE AND FRONT SHOE

Remove the 2 E–rings to pull out 2 pins, and remove the front shoe, guide rail cover and drive cable from the housing frame.



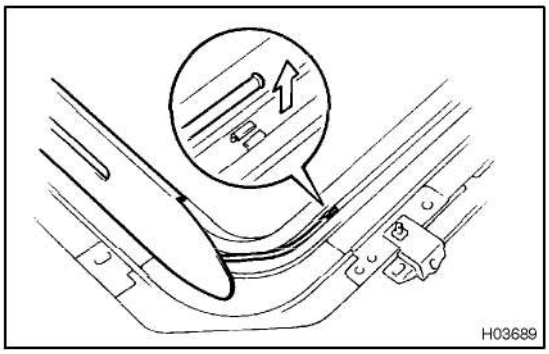
5. REMOVE SUNSHADE TRIM

(a) Remove the 2 sunshade trim stoppers.

(b) Using a screwdriver, pry up the spring to disengage the spring shoe from the guide rail and remove the sunshade trim.

HINT:

Tape the screwdriver tip before use.

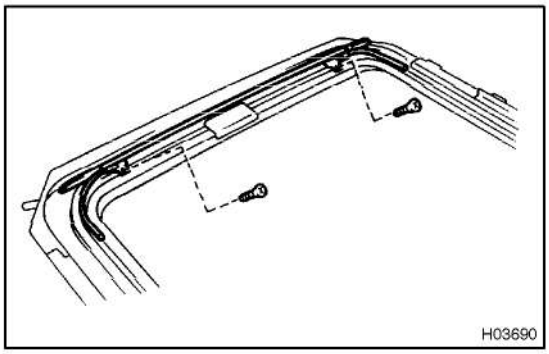


6. REMOVE WINDOW DEFLECTOR PANEL

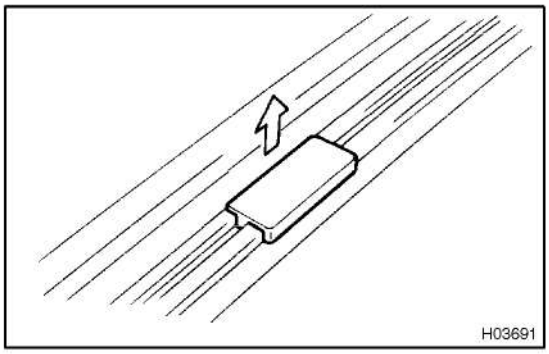
(a) Using a screwdriver, pry the arm of window deflector off the clip of guide rail.

HINT:

Tape the screwdriver tip before use.



(b) Remove the 2 screws and window deflector panel.



7. REMOVE MOTOR COVER

Pull the motor cover up and remove it.

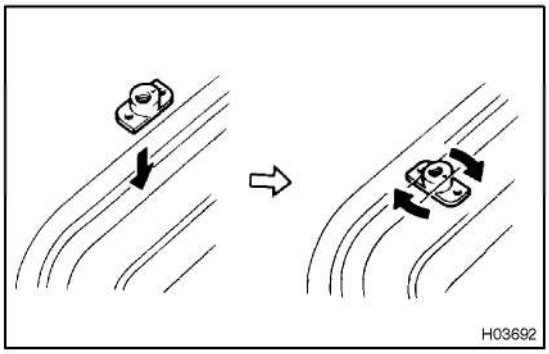
BO135–01

REASSEMBLY

HINT:

Apply MP grease to the sliding part of the guide rail.

1. INSTALL MOTOR COVER

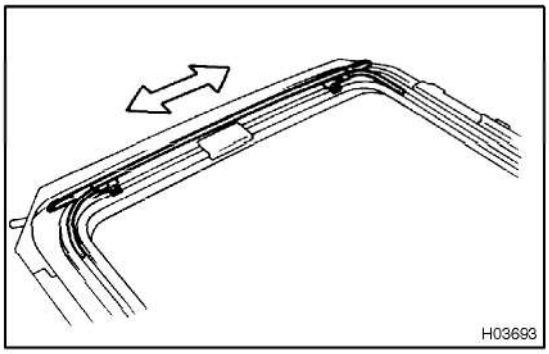


2. INSTALL WIND DEFLECTOR PANEL

(a) When T–nut is disengage from the guide rail, install the guide rail, as shown in the illustration.

HINT:

Do not mistake the T–nut installation direction.

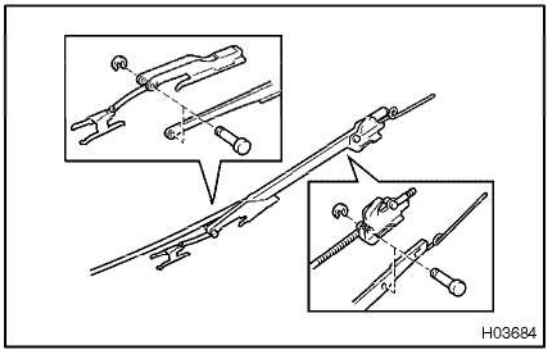


(b) Fit the arm of deflector panel into the clip.

3. INSTALL THESE PARTS:

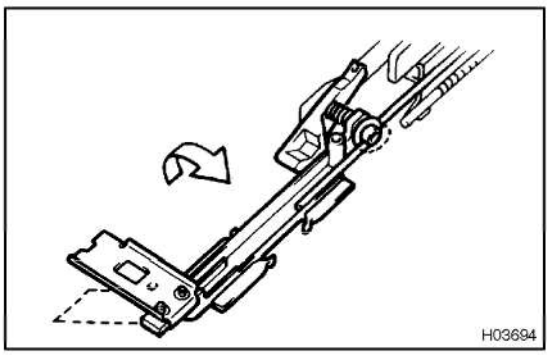
(a) Sunshade trim

(b) Sunshade trim stopper



4. INSTALL DRIVE CABLE AND FRONT SHOE

Install the front shoe, guide rail cover and drive cable with 2 pins and 2 E–rings to the housing frame.



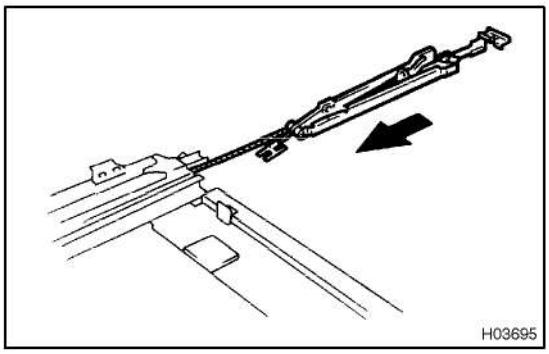
5. INSTALL GUIDE RAIL HOLDER

(a) Fit the guide rail holder into the housing frame.

(b) Turn the guide rail holder, as shown in the illustration and install it to the housing frame.

HINT:

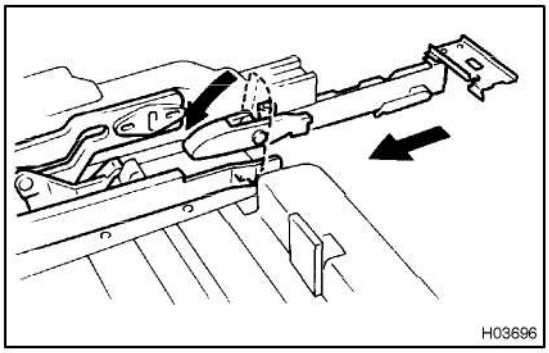
Check that the bushing fits into the housing frame securely.



6. INSTALL SLIDING ROOF DRIVE CABLE ASSEMBLY

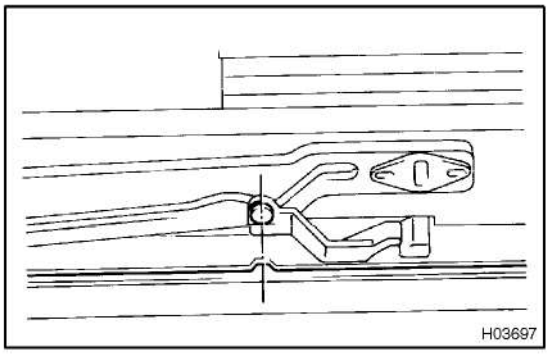
(a) Apply MP grease to the driver cable.

(b) Insert the drive cable into the guide rail from behind.

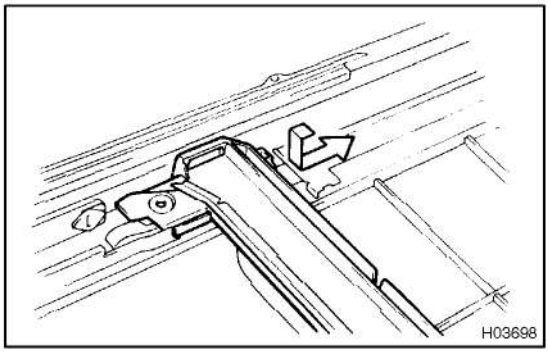


HINT:

- Turn the lever of the guide rail holder as shown in the illustration and insert it into the guide rail.
- Slide the guide rail holder forward until its lever fits in the notch in the guide rail.



(c) Slide the drive cable to align the pin of drive cable with the notch of the guide rail.



7. INSTALL ROOF DRIP REAR CHANNEL

(a) After fitting the front part of rear channel in the guide rail cover, fit the rear part in the guide rail holder.

(b) Install the 2 screws.

HINT:

Apply adhesive to 2 screws.

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

BO19C–01

INSTALLATION

Installation is in the reverse order of removal (See page BO–104).

HINT:

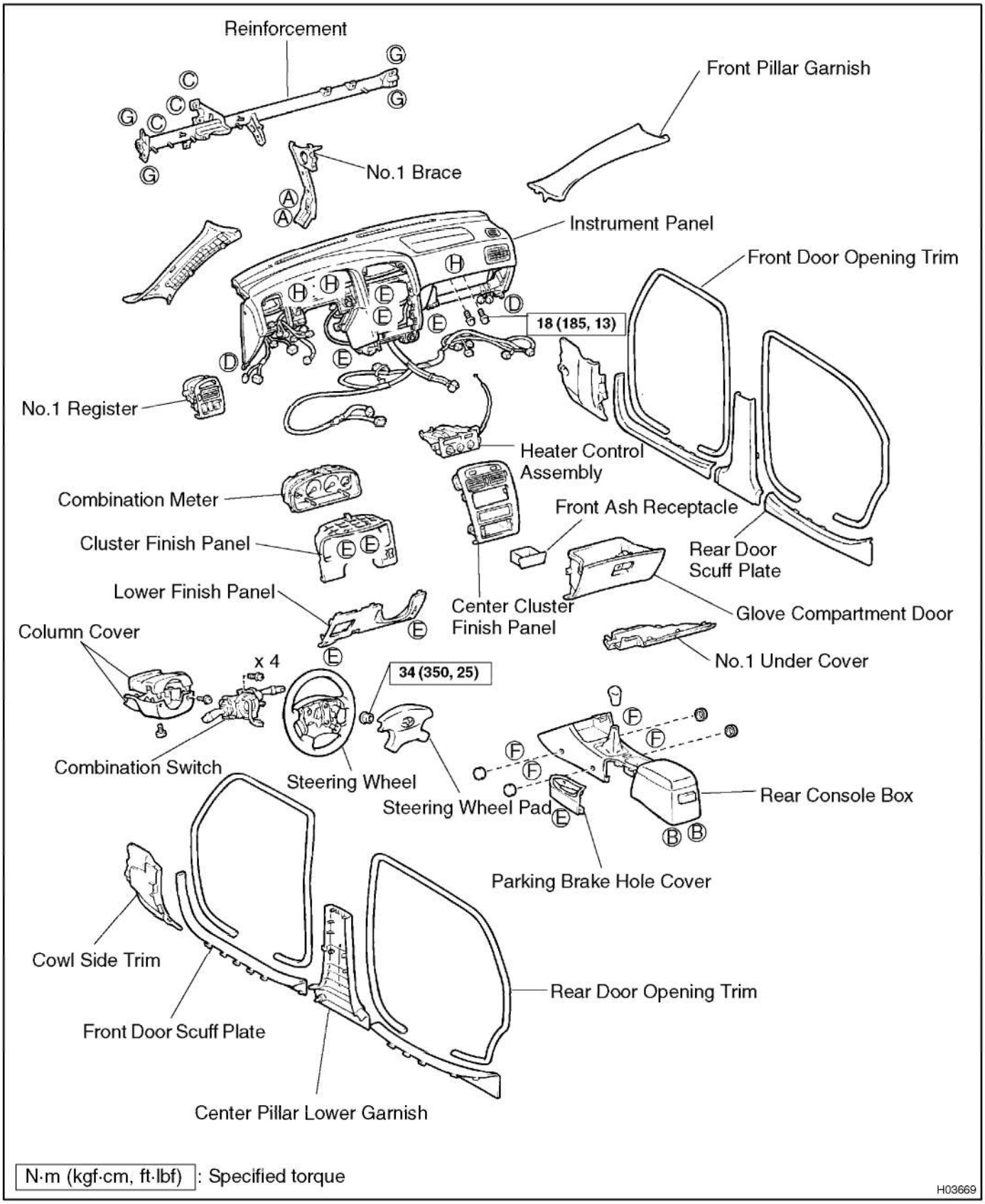
After installing the sliding roof, sliding roof need to be re–initialized.

Refer to BE–104.

INSTRUMENT PANEL

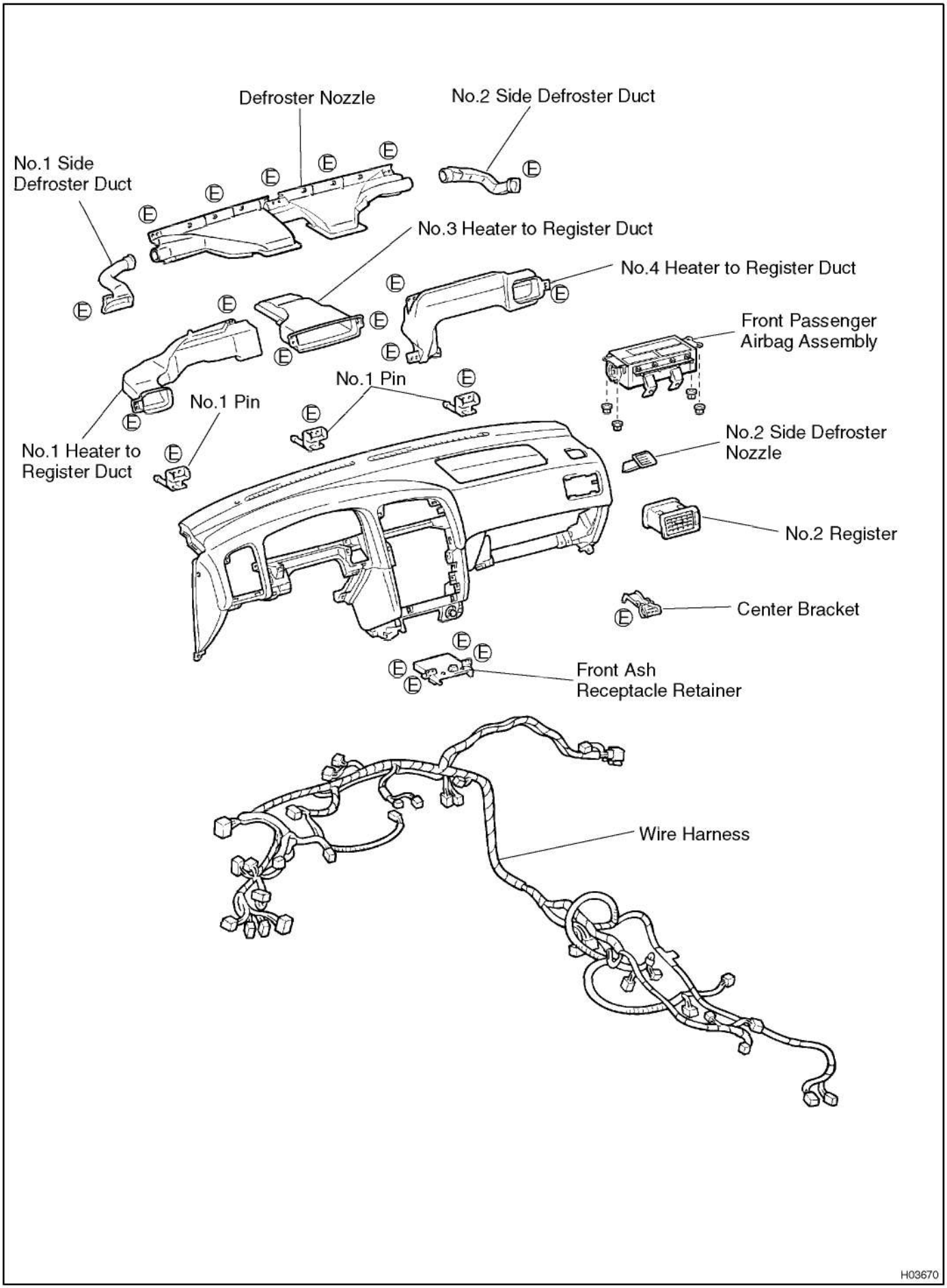
COMPONENTS

BO19J–01



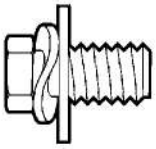
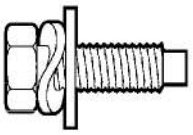
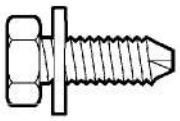
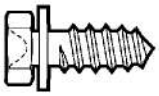
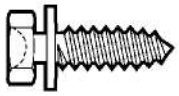
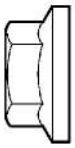
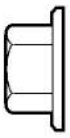
N·m (kgf·cm, ft·lbf) : Specified torque

H03669


Defroster Nozzle
No.2 Side Defroster Duct
No.1 Side Defroster Duct
No.3 Heater to Register Duct
No.4 Heater to Register Duct
Front Passenger Airbag Assembly
No.1 Pin
No.1 Pin
No.1 Heater to Register Duct
No.2 Side Defroster Nozzle
No.2 Register
Center Bracket
Front Ash Receptacle Retainer
Wire Harness
H03670

HINT:
Screw shapes and size are indicated in the table below. The codes (A – H) correspond to those indicated on the previous page.

mm (in.)

	Shape	Size		Shape	Size		Shape	Size
Ⓐ		ø = 8 (0.31) L = 16 (0.63)	Ⓑ		ø = 6 (0.24) L = 20 (0.79)	Ⓒ		ø = 6 (0.24) L = 18 (0.71)
Ⓓ		ø = 6 (0.24) L = 16 (0.63)	Ⓔ		ø = 5.22 (0.2055) L = 16 (0.63)	Ⓕ		ø = 5 (0.20) L = 18.5 (0.728)
Ⓖ		ø = 8 (0.31)	Ⓗ		ø = 6 (0.24)			

H03703

BO19K–01

REMOVAL

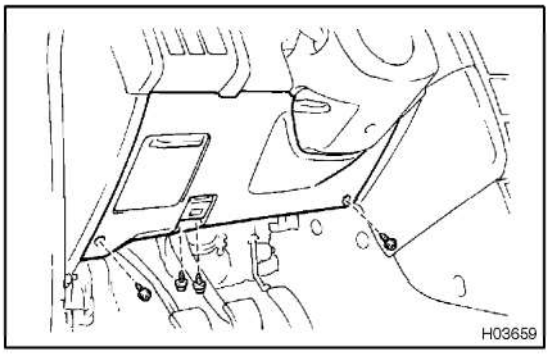
1. REMOVE THESE PARTS:

(a) Front door opening trims
(b) Front pillar garnishes
(c) Front door scuff plates
(d) Cowl side trims
(e) Rear door opening trims
(f) Rear door scuff plates
(g) Center pillar lower covers
(h) Front seats

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

2. REMOVE STEERING WHEEL

(See page SR–13)



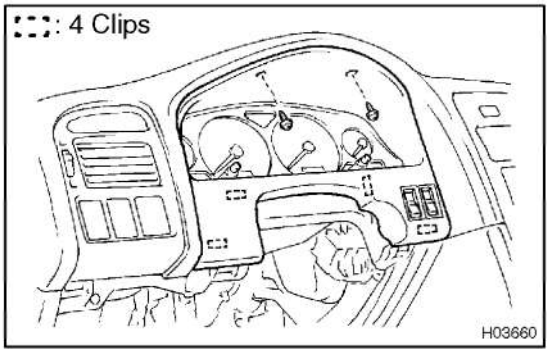
3. REMOVE LOWER FINISH PANEL

(a) Remove the 2 screws and hood lock control lever.
(b) Remove the 2 screws and lower finish panel.

4. REMOVE THESE PARTS:

(See page SR–13)

(a) Column cover
(b) Combination switch
(c) Steering column



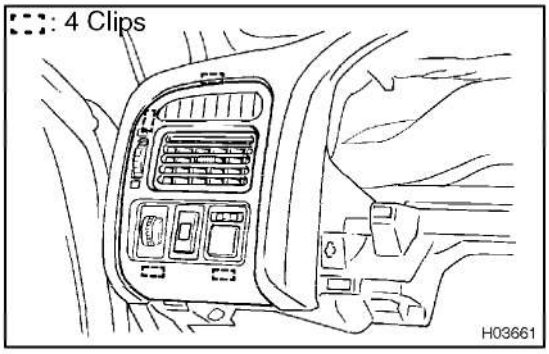
5. REMOVE CLUSTER FINISH PANEL

(a) Remove the 2 screws.
(b) Using a screwdriver, remove the cluster finish panel, then disconnect the connector.

HINT:

Tape the screwdriver tip before use.

6. REMOVE COMBINATION METER

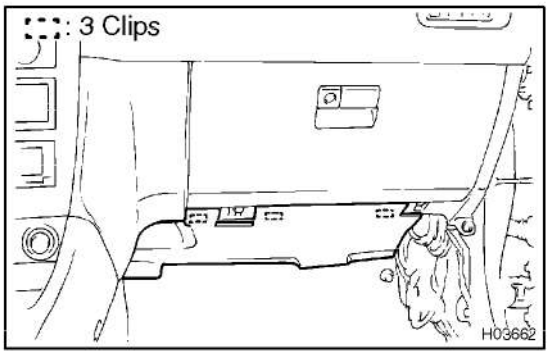


7. REMOVE NO.1 REGISTER

Using a screwdriver, remove the No.1 register.

HINT:

Tape the screwdriver tip before use.

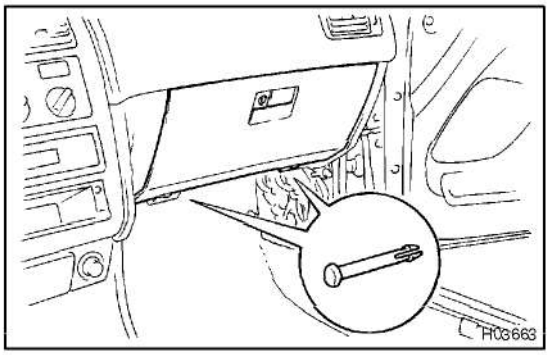


8. REMOVE NO.1 UNDER COVER

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

HINT:

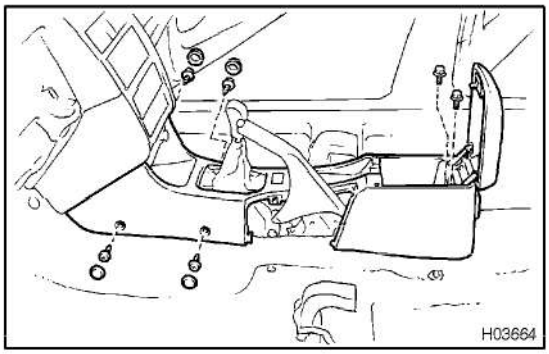
Tape the screwdriver tip before use.



9. REMOVE GLOVE COMPARTMENT DOOR

Remove the 2 glove shaft and glove compartment door.

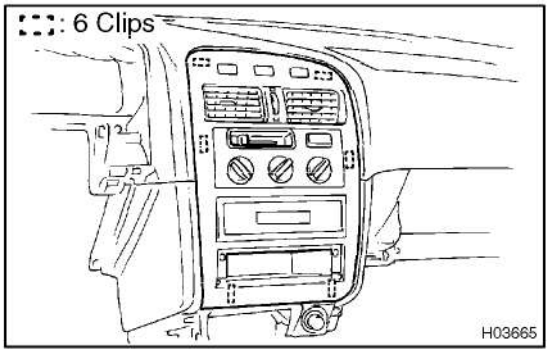
10. REMOVE PARKING BRAKE HOLE COVER



11. REMOVE REAR CONSOLE BOX

(a) M/T:
Remove the shift lever knob.

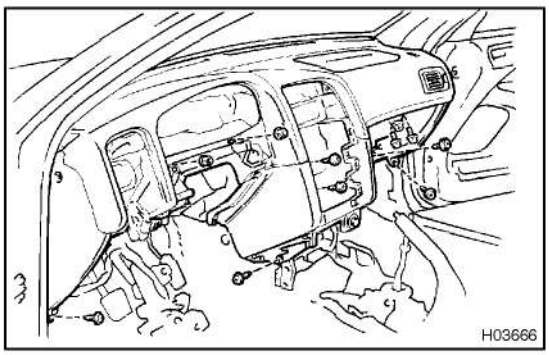
(b) Remove the 2 bolts, 4 caps, 4 screws and rear console box.



12. REMOVE CENTER CLUSTER FINISH PANEL

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

13. REMOVE HEATER CONTROL ASSEMBLY
(See page AC–106)



14. REMOVE INSTRUMENT PANEL

(a) Remove the 2 bolts from the front passenger airbag assembly.
Torque: 18 N·m (185 kgf·cm, 13 ft·lbf)

(b) Remove the 6 screws and 3 nuts.

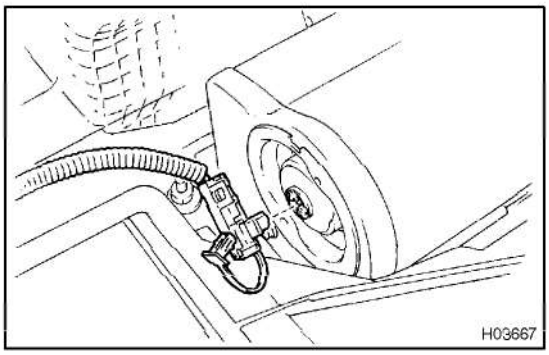
15. REMOVE THESE PARTS:

(a) No.1 brace

(b) Reinforcement

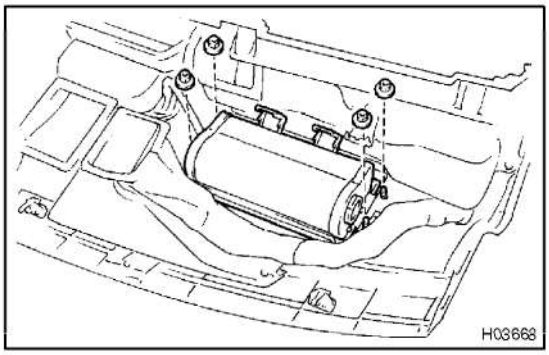
BO19L-01

DISASSEMBLY



1. REMOVE FRONT PASSENGER AIRBAG ASSEMBLY

(a) Disconnect the connector, as shown in the illustration.



(b) Remove the 4 nuts and front passenger airbag assembly.

CAUTION:

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

2. REMOVE THESE PARTS:

(a) No.1 pins
(b) Front ash receptacle retainer
(c) Defroster nozzle
(d) No.2 side defroster nozzle duct
(e) No.1 heater to register duct
(f) No.1 side defroster nozzle duct
(g) No.4 heater to register duct
(h) Center bracket
(i) No.2 side defroster nozzle
(j) No.2 register
(k) No.3 heater to register duct
(l) Wire harness

BO18M–01

REASSEMBLY

Reassembly is in the reverse order of disassmbly (See page BO–115).

BO13N–01

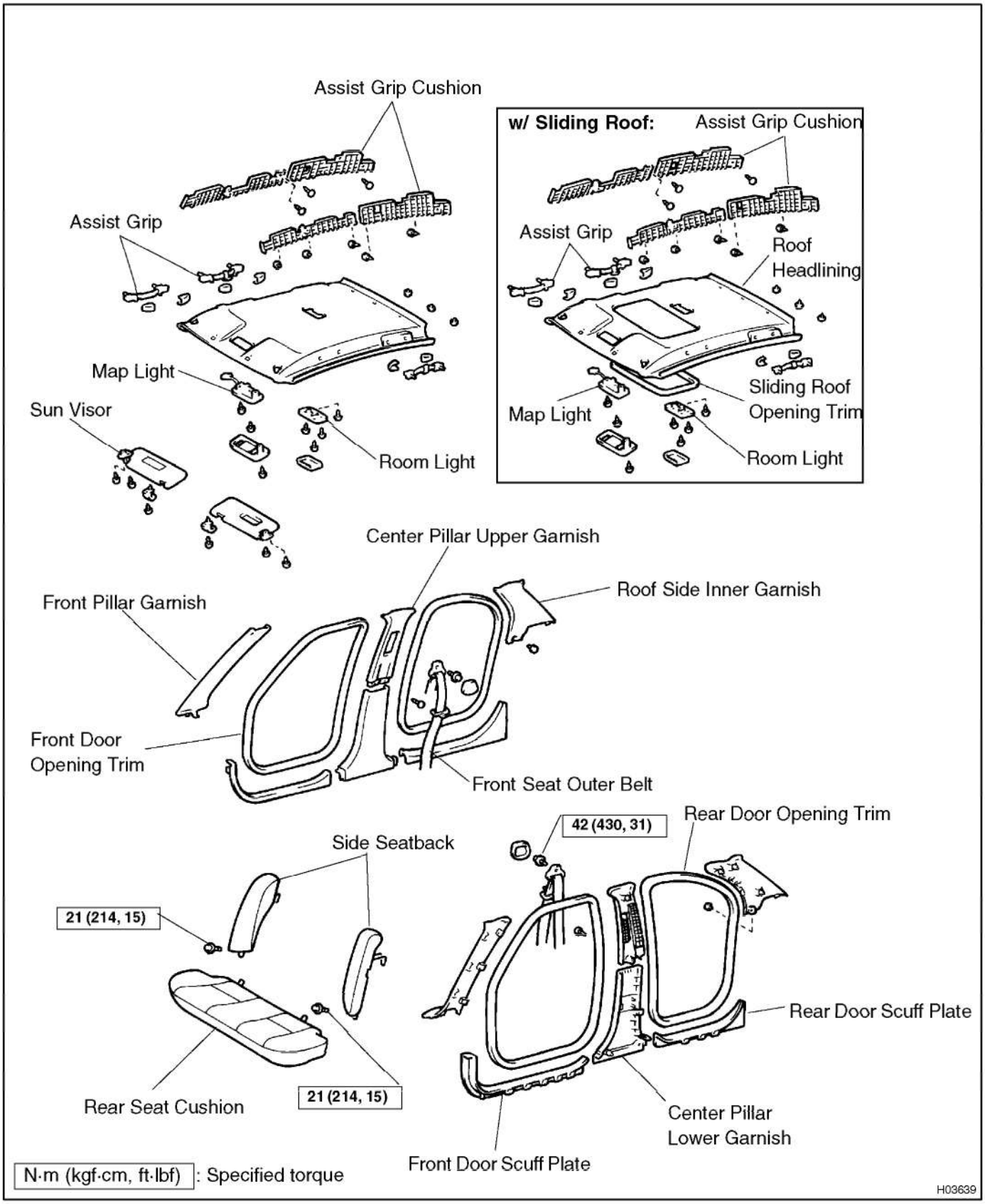
INSTALLATION

Installation is in the reverse order of removal (See page BO–113).

ROOF HEADLINING (Sedan)

COMPONENTS

BO190–01

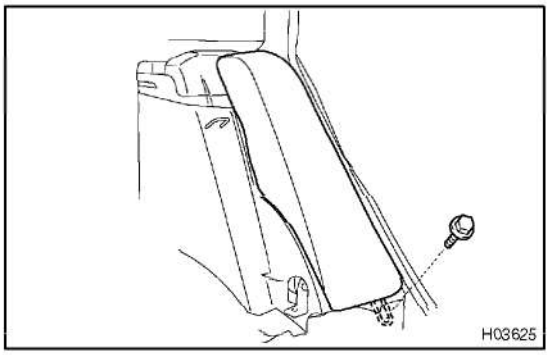


BO19P–01

REMOVAL

1. REMOVE THESE PARTS:

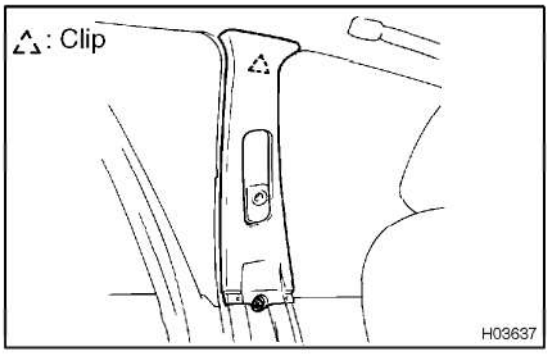
(a) Front door opening trims
(b) Front pillar garnishes
(c) Front door scuff plates
(d) Rear door opening trims
(e) Rear door scuff plates
(f) Center pillar lower garnishes
(g) Rear seat cushion



2. REMOVE REAR SIDE SEATBACK

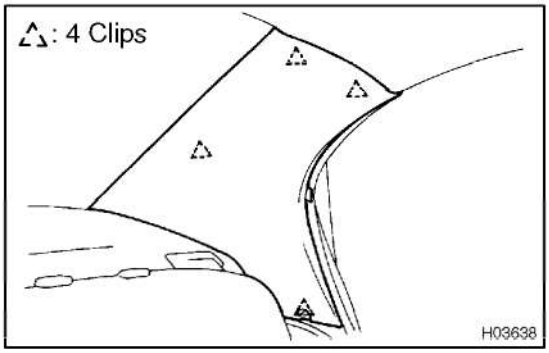
Remove the bolt and rear side seatback.

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



3. REMOVE CENTER PILLAR UPPER GARNISH

(a) Remove the front seat outer belt shoulder anchor.
Torque: 42 N·m (430 kgf·cm, 31 ft·lbf)
(b) Remove the screw and center pillar upper garnish.



4. REMOVE ROOF SIDE INNER GARNISH

Remove the roof side inner garnish.

5. REMOVE THESE PARTS:

(a) Assist grips
(b) Sun visors and holders
(c) Room light
(d) Map light
(e) w/ Sliding Roof:
Sliding roof opening trim

6. REMOVE ROOF HEADLINING

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

7. REMOVE ASSIST GRIP CUSHION

BO190–01

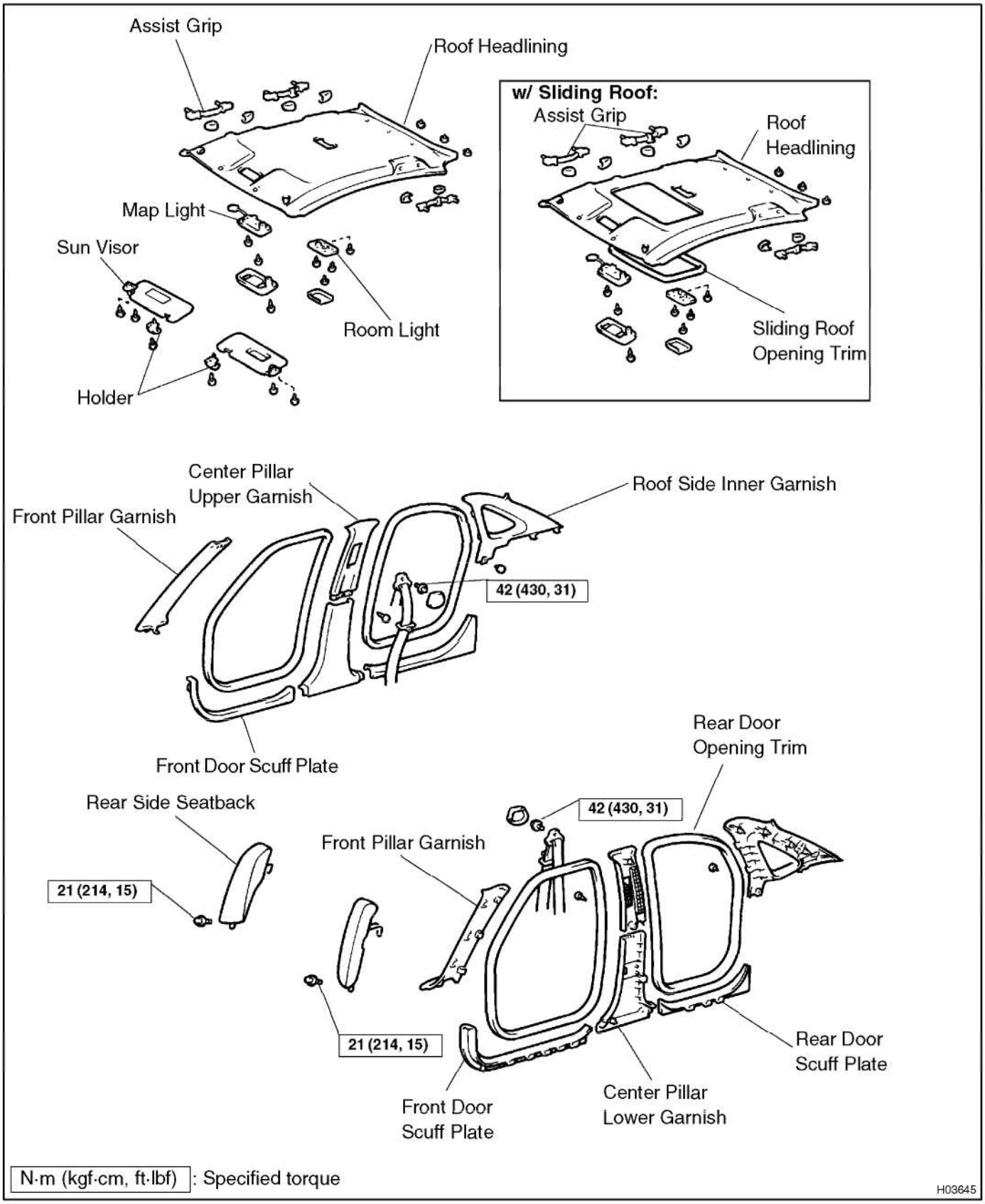
INSTALLATION

Installation is in the reverse order of removal (See page BO–119).

ROOF HEADLINING (Liftback)

COMPONENTS

BO19R–01



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

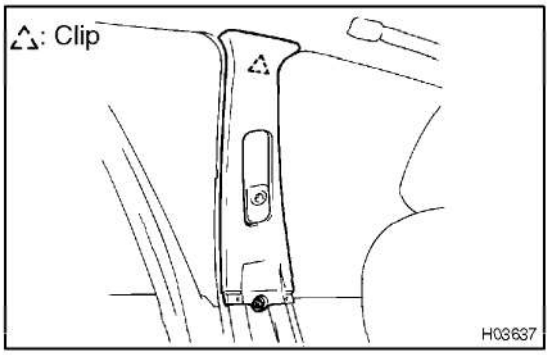
H03645

BO1BS–01

REMOVAL

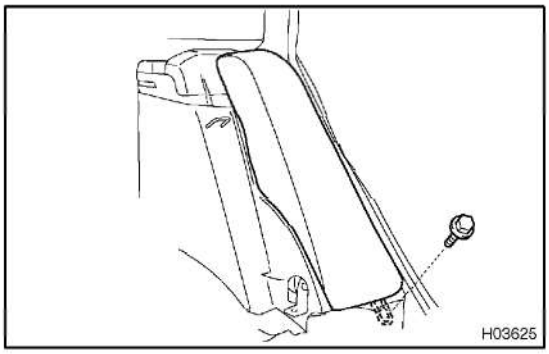
1. REMOVE THESE PARTS:

(a) Front door opening trims
(b) Front pillar garnishes
(c) Front door scuff plates
(d) Rear door opening trims
(e) Rear door scuff plates
(f) Center pillar lower garnishes



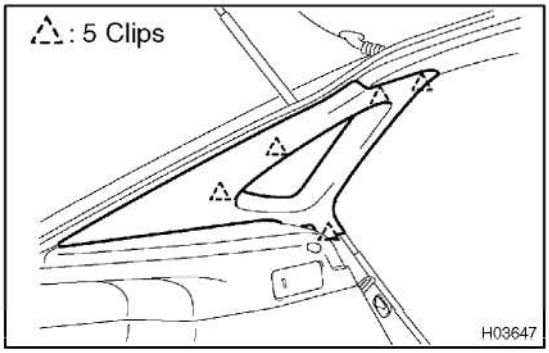
2. REMOVE CENTER PILLAR UPPER GARNISH

(a) Remove the front seat outer belt shoulder anchor.
Torque: 42 N·m (430 kgf·cm, 31 ft·lbf)
(b) Remove the screw and center pillar upper garnish.



3. REMOVE REAR SIDE SEATBACK

Remove the bolt and rear side seatback.
Torque: 21 N·m (214 kgf·cm, 15 ft·lbf)



4. REMOVE ROOF SIDE INNER GARNISH

Remove the garnish.

5. REMOVE THESE PARTS:

(a) Assist grips
(b) Sun visors and holders.
(c) Room light
(d) Map light
(e) w/ Sliding Roof:
Sliding roof opening trim

6. REMOVE ROOF HEADLINING

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

BO19T–01

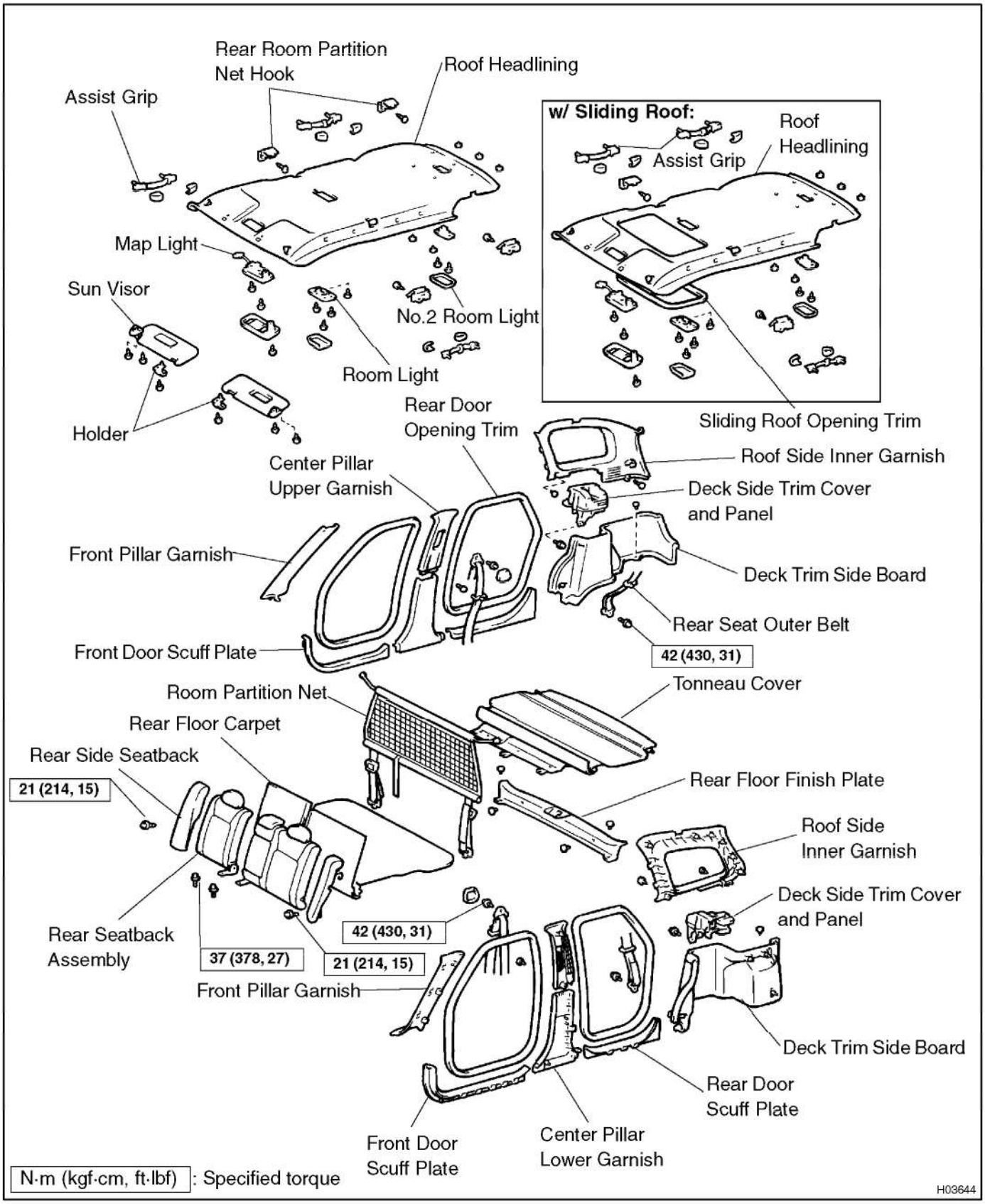
INSTALLATION

Installation is in the reverse order of removal (See page BO–122).

ROOF HEADLINING (Wagon)

COMPONENTS

BO19U–01

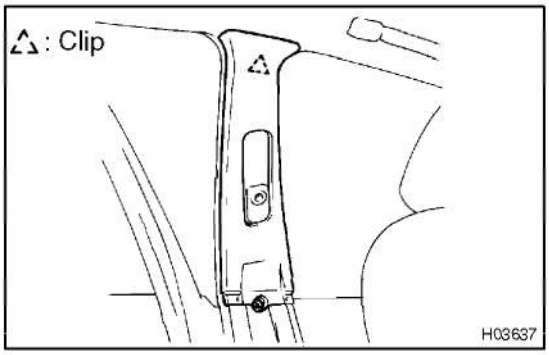


BO13V–01

REMOVAL

1. REMOVE THESE PARTS:

(a) Front door opening trims
(b) Front pillar garnishes
(c) Front door scuff plates
(d) Rear door opening trims
(e) Rear door scuff plates
(f) Center pillar lower garnishes

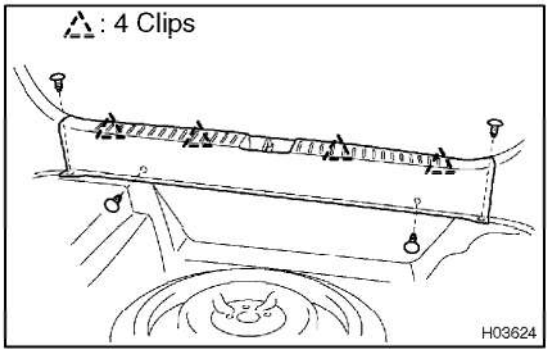


2. REMOVE CENTER PILLAR UPPER GARNISH

(a) Remove the front seat outer belt shoulder anchor.
Torque: 42 N·m (430 kgf·cm, 31 ft·lbf)
(b) Remove the screw and center pillar upper garnish.

3. REMOVE THESE PARTS:

(a) Rear floor carpet
(b) Rear seatback assembly
Torque: 37 N·m (378 kgf·cm, 27 ft·lbf)
(c) w/ Tonneau Cover:
Tonneau cover
(d) w/ Room Partition Net:
Room partition net

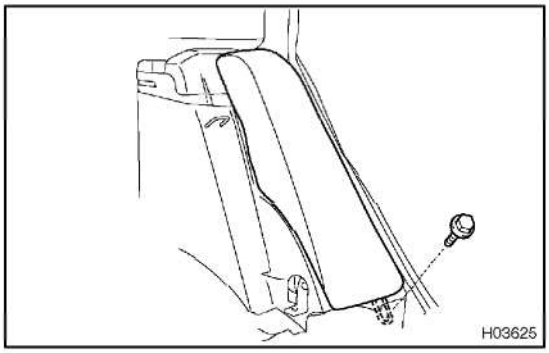


4. REMOVE REAR FLOOR FINISH PLATE

Using a screwdriver, remove the rear floor finish plate.
HINT:
Tape the screwdriver tip before use.

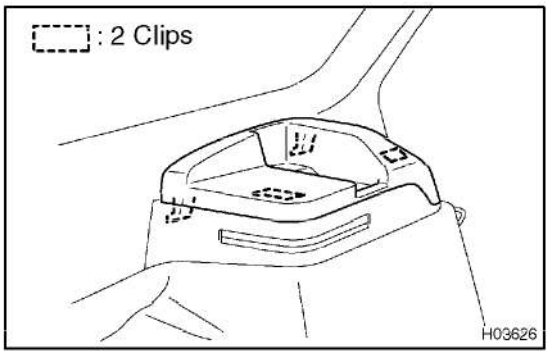
5. REMOVE REAR ROOM PARTITION NET HOOK

Remove the screw and hook.



6. REMOVE REAR SIDE SEATBACK

Remove the bolt and rear side seatback.
Torque: 21 N·m (214 kgf·cm, 15 ft·lbf)

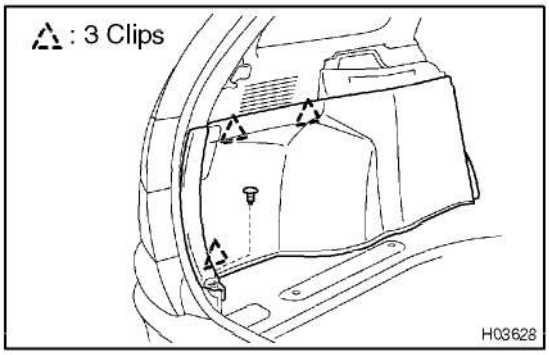


7. REMOVE DECK SIDE TRIM COVER

Using a screwdriver, remove the deck side trim cover.

HINT:

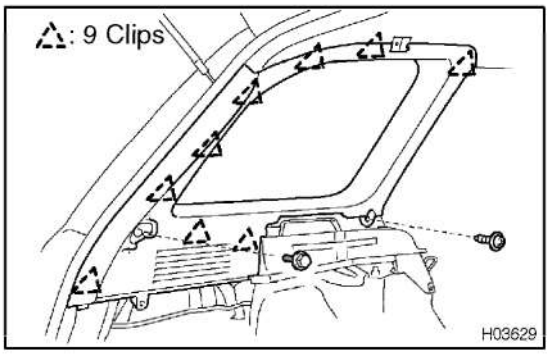
Tape the screwdriver tip before use.



8. REMOVE DECK TRIM SIDE BOARD

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

(b) Using a clip remover, remove the clip and deck trim side board.



9. REMOVE ROOF SIDE INNER GARNISH

Remove the bolt, screw and roof side inner garnish.

10. REMOVE THESE PARTS:

(a) Assist grips
(b) Sun visors and holders
(c) Room light
(d) w/ Sliding Roof:
Sliding roof opening trim

11. REMOVE ROOF HEADLINING

Using a clip remover, remove the 5 clips and roof headlining.

BO18W–01

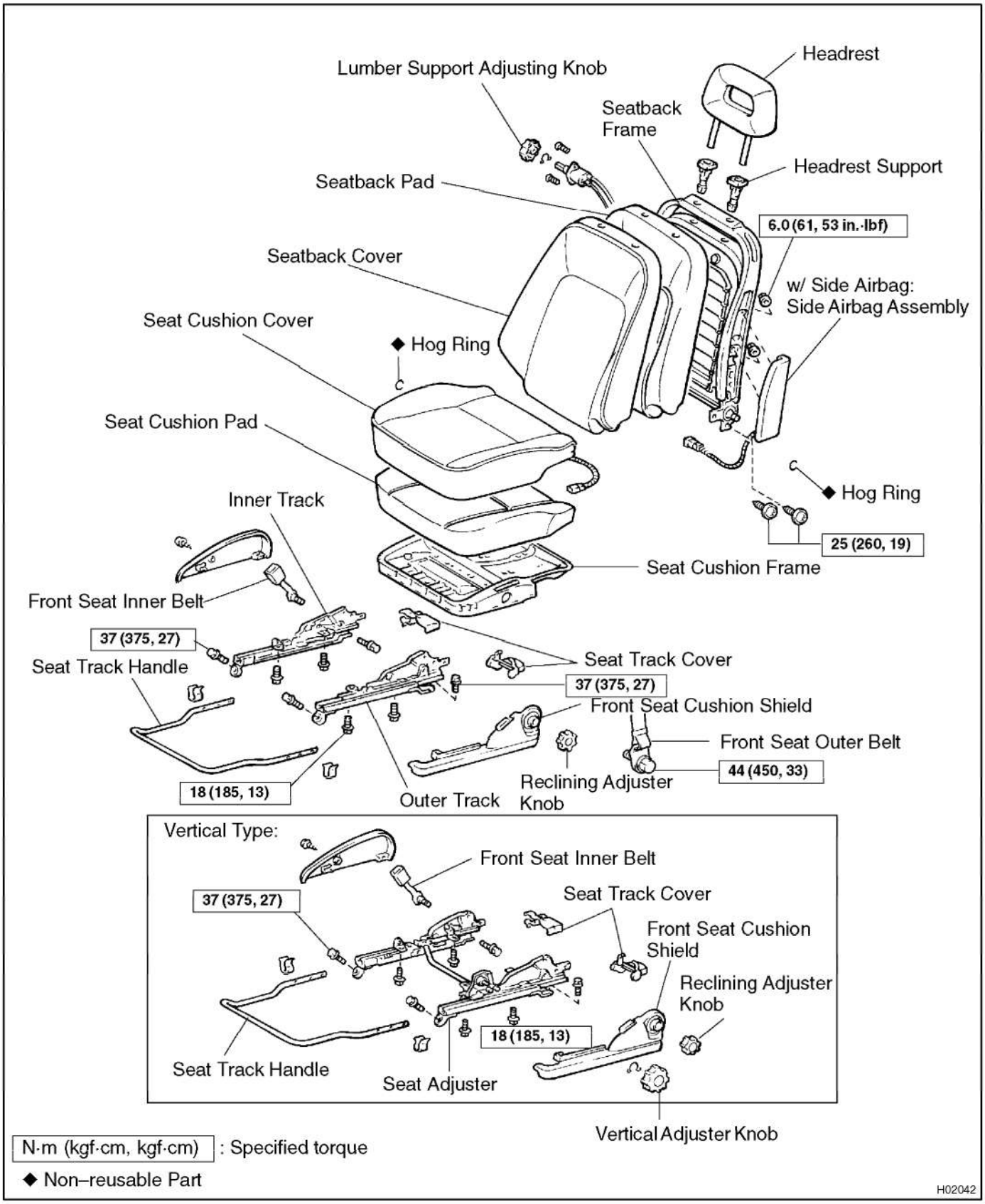
INSTALLATION

Installation is in the reverse order of removal (See page BO–125).

FRONT SEAT

COMPONENTS

BO1A8–01



BO1A9–01

REMOVAL

1. REMOVE THESE PARTS:

(a) Reclining adjuster knob
(b) Front seat cushion shield
(c) Front seat outer belt

2. REMOVE FRONT SEAT

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

HINT:

Tape the screwdriver tip before use.

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

BO1AA–01

DISASSEMBLY

1. REMOVE THESE PARTS:

(a) Vertical Seat Adjuster:
Vertical adjuster knob

(b) Headrest

(c) Front seat inner belt

(d) Lumber support adjusting knob

2. REMOVE SEATBACK ASSEMBLY

(a) Remove the 4 screws.

(b) Remove the seatback assembly.

3. REMOVE SEATBACK COVER

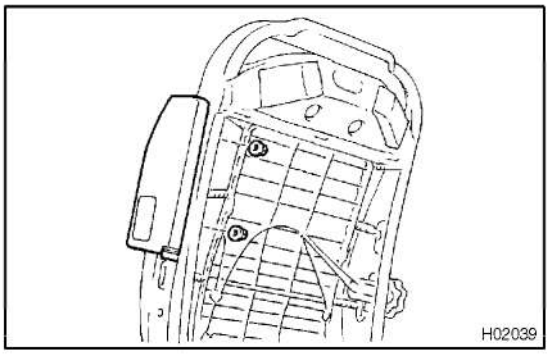
(a) Remove the hog rings.

(b) Remove the headrest supports.

(c) Remove the hook.

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

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

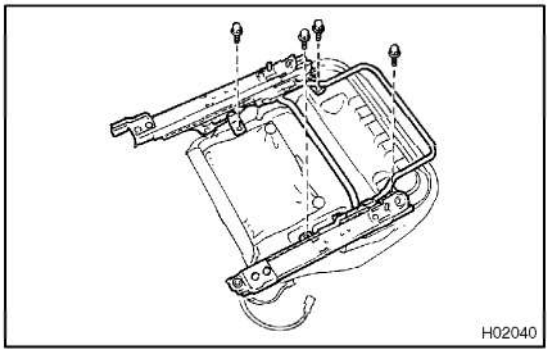


4. w/ Side Airbag Assembly:
REMOVE SIDE AIRBAG ASSEMBLY

Remove the 2 nuts and side airbag assembly from the seatback frame.

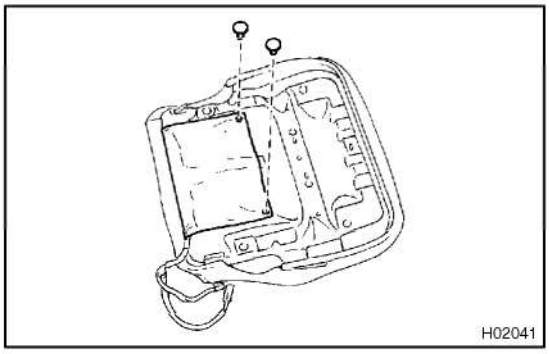
CAUTION:

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



5. REMOVE SEAT CUSHION ASSEMBLY

Remove the 4 bolts and seat cushion assembly from the seat adjuster.



6. REMOVE SEAT CUSHION COVER

(a) Remove the 2 clips.

(b) Remove the hog rings and seat cushion frame.

(c) Remove the hog rings and seat cushion cover from the seat cushion pad.

7. REMOVE SEAT TRACK HANDLE

BO1A8–01

INSPECTION

INSPECT RECLINING LOCK POSITION AND SLIDING LOCK POSITION SLIPPING OFF

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

HINT:

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

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

HINT:

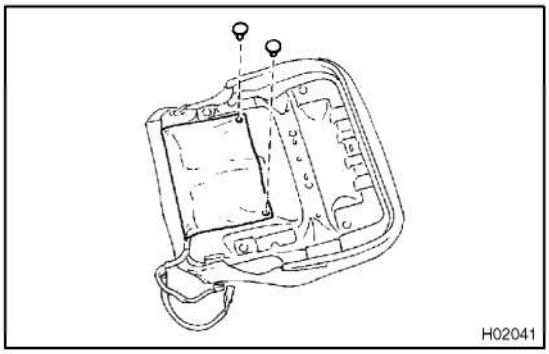
When sliding lock positions slip off, loosen the bolts to adjust the positions.

BO1AC–01

REASSEMBLY

1. INSTALL SEAT TRACK HANDLE

Install the seat track handle.



2. INSTALL SEAT CUSHION COVER

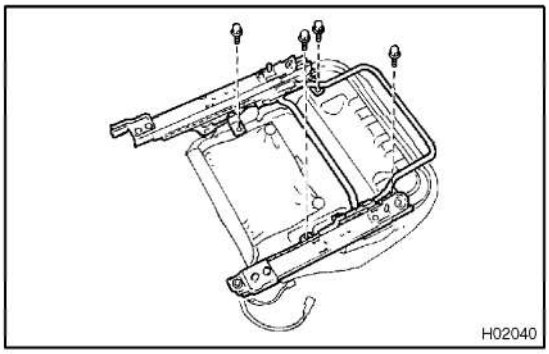
(a) Install the seat cushion cover with new hog rings to seat cushion pad.

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

HINT:

Install the hog rings to prevent wrinkles as little as possible.

(c) Install the 2 clips.



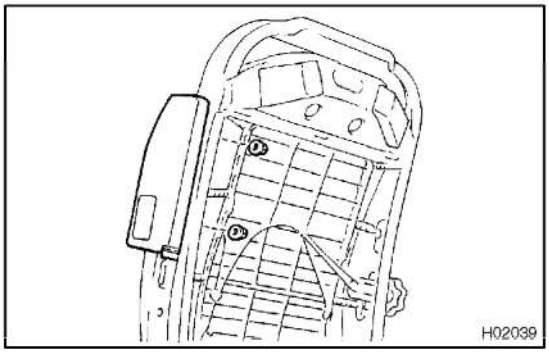
3. INSTALL SEAT CUSHION ASSEMBLY

Install the seat cushion assembly with 4 bolts to the seat adjuster.

HINT:

Tighten the 4 bolts temporarily, then tighten them completely starting from the bolts on the rear side.

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



4. w/ Side Airbag Assembly: INSTALL SIDE AIRBAG ASSEMBLY

Install the side airbag assembly with 2 nuts to the seatback frame.

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

NOTICE:

- **Make sure that the side airbag assembly is installed to the specified torque.**
- **If the side airbag assembly has been dropped, or there are cracks, dents or other defects in the case or connector, replace the side airbag assembly with a new one.**
- **When installing the side airbag assembly, take care that it is not pinched between other parts.**

5. INSTALL SEATBACK COVER

(a) Install the seatback cover with pad to the seatback frame with new hog rings.

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

(c) Install the hook.

NOTICE:

- **Make sure that the hook is correct installed to the seatback frame.**
- **Reconfirm above item.**
- **Do not mistake the direction.**

6. INSTALL SEATBACK ASSEMBLY

(a) Install the seatback assembly with 4 bolts.

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

HINT:

Tighten the 4 bolts temporarily, then tighten them completely starting from the bolt on the front right side.

(b) Install new hog rings.

HINT:

Install the hog rings to prevent wrinkles as little as possible.

7. INSTALL THESE PARTS:

(a) Lumber support adjusting knob

(b) Front seat inner belt

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

(c) Inner shield

(d) Headrest

(e) Vertical Seat Adjuster:
Vertical adjuster knob

BO1AD–01

INSTALLATION

1. INSTALL FRONT SEAT

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

NOTICE:

Make sure that seat adjuster locks.

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

HINT:

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

(c) Tighten the bolts on the rear side temporarily, then tighten them completely starting from the bolt on the inner side.

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

(d) Slide the seat to the rearmost position to install the bolts on the front side.

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

(e) Connect the connectors.

2. INSTALL THESE PARTS:

(a) Front seat outer belt

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

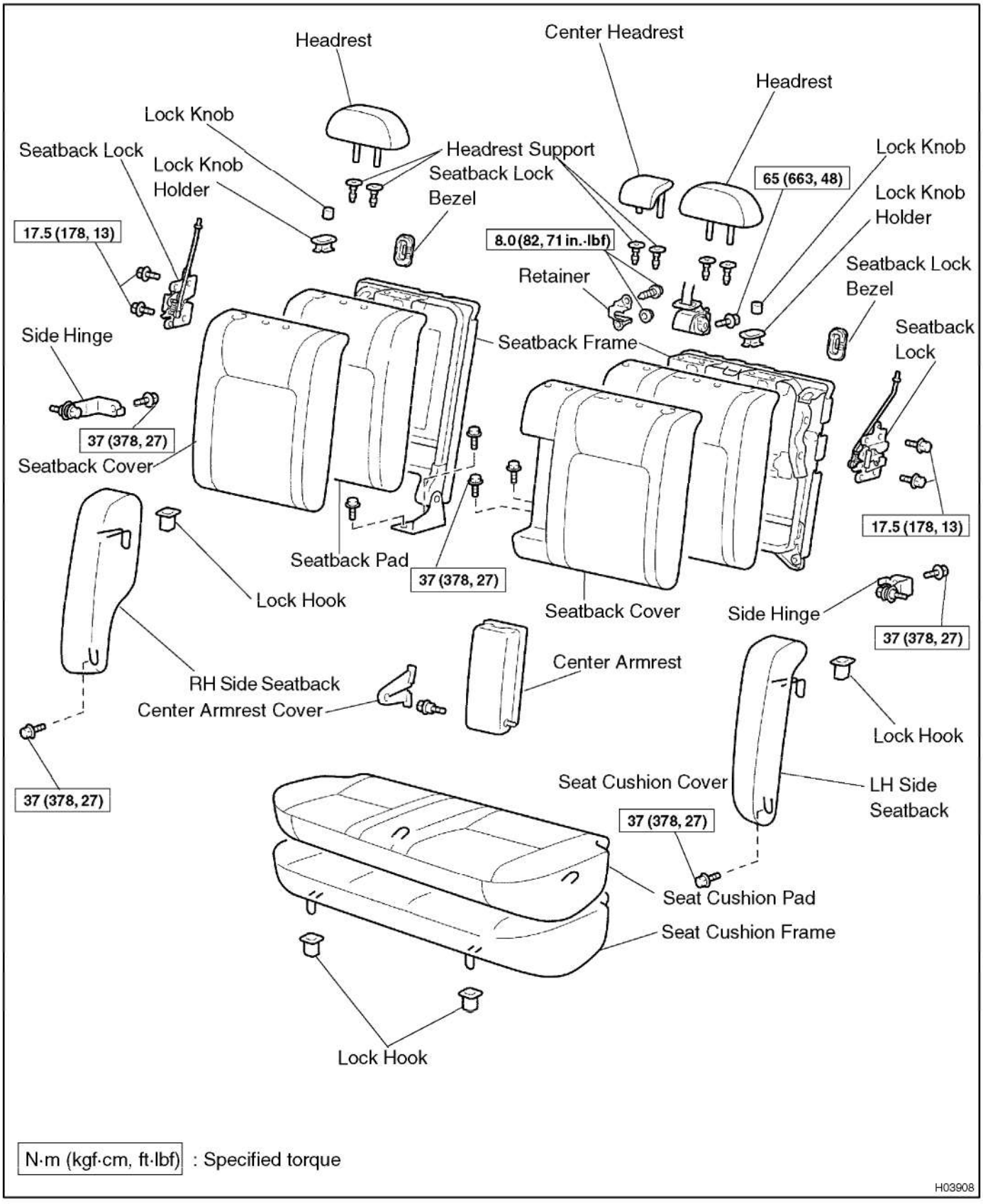
(b) Front seat cushion shield

(c) Reclining adjuster knob

REAR SEAT (Sedan)

COMPONENTS

BO18L–01



BO15M–01

REMOVAL

1. REMOVE SEAT CUSHION

Pull up the front portion of the seat cushion and remove it.

2. REMOVE SEAT CUSHION LOCK HOOK

Using a screwdriver, remove the 2 lock hooks.

HINT:

Tape the screwdriver tip before use.

NOTICE:

Be careful not to damage the body.

3. REMOVE SIDE SEATBACK

HINT:

Do the same for LH and RH.

(a) Remove the bolt.

(b) Pull up the side seatback to remove it.

4. REMOVE SIDE SEATBACK LOCK HOOK

Using a screwdriver, remove the 2 lock hooks.

HINT:

Tape the screwdriver tip before use.

NOTICE:

Be careful not to damage the body.

5. REMOVE SEATBACK ASSEMBLY

HINT:

Do the same for LH and RH.

(a) Remove the front side bolt.

(b) Release the seatback lock, then fold the seatback assembly.

(c) Remove the rear side bolt.

(d) Remove the bolt of side hinge.

(e) Remove the seatback assembly.

BO15N–01

DISASSEMBLY

1. REMOVE HEADRESTS

2. REMOVE CENTER ARMREST

(a) Remove the center armrest hinge cover and cap.

(b) Remove the bolt and center armrest.

3. REMOVE SEATBACK FRAME

HINT:

Do the same for LH and RH.

(a) Remove the hog rings.

(b) Remove the headrest supports.

(c) Remove the lock knob holder.

(d) Remove the lock knob from the seatback lock.

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

(f) Remove the 2 bolts and seatback lock from the seatback frame.

(g) LH side:
Remove the screw, nut and retainer for center seat belt.

(h) LH side:
Remove the bolt and center seat belt.

4. REMOVE SEATBACK COVER

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

HINT:

Do the same for LH and RH.

5. REMOVE SEAT CUSHION COVER

Remove the hog rings and seat cushion cover from the seat cushion pad.

BO190–01

REASSEMBLY

1. INSTALL SEAT CUSHION COVER

Install the seat cushion cover with new hog rings to the seat cushion pad.

HINT:

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

2. INSTALL SEATBACK COVER

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

HINT:

- When installing hog rings, take care to prevent wrinkles as little as possible.
- Do the same for LH and RH.

3. INSTALL SEATBACK FRAME

HINT:

Do the same for LH and RH.

(a) LH Side:
Install the seat belt with the bolt to the seatback frame.
Torque: 65 N·m (663 kgf·cm, 48 ft·lbf)

(b) Insall the retainer with the screw and nut.
Torque: 8.0 N·m (82 kgf·cm, 71 in.·lbf)

(c) Install the seatback lock with the 2 bolts to the seatback frame.
Torque: 18 N·m (184 kgf·cm, 13 ft·lbf)

(d) Install the lock knob to the seatback lock.

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

(f) Install the lock knob holder.

(g) Install the headrest supports.

(h) Install the seatback cover with pad to the seatback frame with the new hog rings.

HINT:

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

4. INSTALL CENTER ARMREST

(a) Install the center armrest to the seatback assembly.

(b) Install the bolt and center armrest cover.

5. INSTALL HEADRESTS

BO19P–01

INSTALLATION

1. INSTALL SEATBACK ASSEMBLY

HINT:

Do the same for LH and RH.

(a) Install the seatback assembly, then tighten the bolt on the rear side temporarily.
Torque: 21 N·m (214 kgf·cm, 15 ft·lbf)

(b) Install the side hinge with the bolt to the seatback assembly.
Torque: 21 N·m (214 kgf·cm, 15 ft·lbf)

(c) Tighten the bolt on the front side temporarily.
Torque: 21 N·m (214 kgf·cm, 15 ft·lbf)

2. INSTALL SIDE SEATBACK LOCK HOOK

Install the 2 lock hooks to the body panel.

3. INSTALL SIDE SEATBACK

(a) Push down the side seatback wire to install the hook to the body panel.

HINT:

- Confirm that the side seatback is installed firmly.
- Do the same for LH and RH.

(b) Install the 2 bolts.
Torque: 21 N·m (214 kgf·cm, 15 ft·lbf)

4. INSTALL SEAT CUSHION LOCK HOOK

Install the 2 lock hooks to the body panel.

5. INSTALL SEAT CUSHION

(a) Pass the seat cushion wire to the seatback.

(b) Push down the seat cushion to install the hook to the body panel.

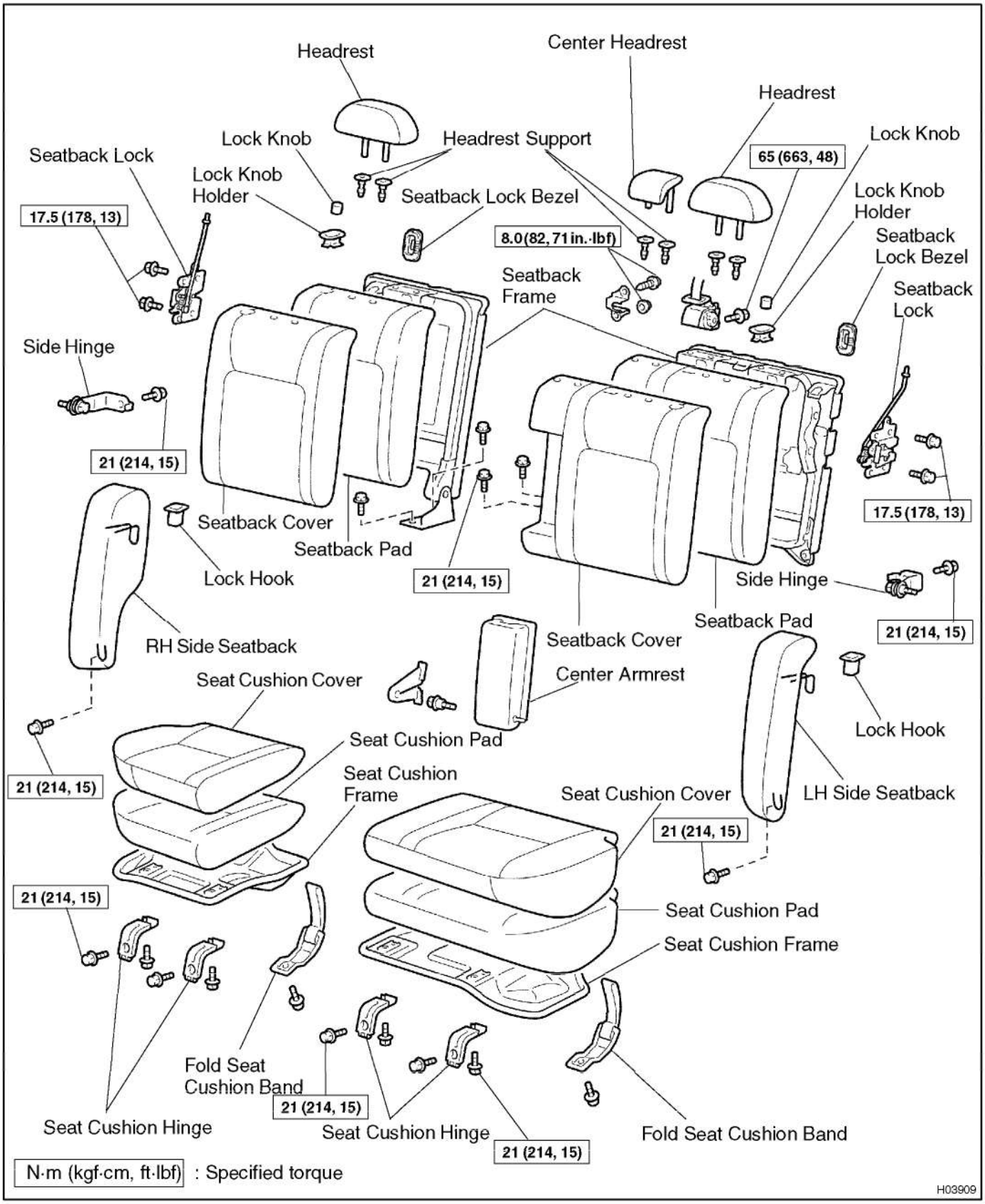
HINT:

Confirm that the seat side cushion is installed firmly.

REAR SEAT (Except Sedan)

COMPONENTS

BO18Q–01



BO15R-01

REMOVAL

1. REMOVE SEAT CUSHION ASSEMBLY

Remove the 2 bolts and seat cushion assemlby.

HINT:

Do the same for LH and RH.

NOTICE:

Be careful not to damage the body.

2. REMOVE SEAT SIDE CUSHION

HINT:

Do the same for LH and RH.

(a) Remove the bolt.

(b) Pull up the seat side cushion to remove it.

3. REMOVE SEAT SIDE CUSHION LOCK HOOK

Using a screwdriver, remove the 2 lock hooks.

HINT:

Tape the screwdriver tip before use.

NOTICE:

Be careful not to damage the body.

4. REMOVE SEATBACK ASSEMBLY

HINT:

Do the same for LH and RH.

(a) Remove the front side bolt.

(b) Release the seatback lock, then fold the seatback assembly.

(c) Remove the rear side bolt.

(d) Remove the bolt of side hinge.

(e) Remove the seatback assembly.

BO18S–01

DISASSEMBLY

1. REMOVE HEADRESTS

2. REMOVE CENTER ARMREST

(a) Remove the center armrest hinge cover.

(b) Remove the bolt and center armrest.

3. REMOVE SEATBACK FRAME

HINT:

Do the same for LH and RH.

(a) Remove the hog rings.

(b) Remove the headrest supports.

(c) Remove the lock knob holder.

(d) Remove the lock knob from the seatback lock.

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

(f) Remove the 2 bolts and seatback lock from the seatback frame.

(g) LH Side:
Remove the screw, nut and retainer for center seat belt.

(h) LH side:
Remove the bolt and center seat belt.

4. REMOVE SEATBACK COVER

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

HINT:

Do the same for LH and RH.

5. REMOVE SEAT CUSHION FRAME

HINT:

Do the same for LH and RH.

(a) Remove the screw and fold seat cushion band.

(b) Remove the bolt and seat cushion hinge.

(c) Release the seat cover hook, then remove the seat cushion frame.

6. REMOVE SEAT CUSHION COVER

HINT:

Do the same for LH and RH.

Remove the hog rings and seat cushion cover from the seat cushion pad.

BO19T-01

REASSEMBLY

1. INSTALL SEAT CUSHION COVER

Install the seat cushion cover with new hog rings to the seat cushion pad.

HINT:

- When installing hog rings, take care to prevent wrinkles as little as possible.
- Do the same for LH and RH.

2. INSTALL SEAT CUSHION FRAME

HINT:

Do the same for LH and RH.

(a) Install the seat cushion cover hook to the seat cushion frame.

(b) Install the fold seat cushion band with the screw.

(c) Install the seat cushion hinge with the bolt.

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

3. INSTALL SEATBACK COVER

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

HINT:

- When installing hog rings, take care to prevent wrinkles as little as possible.
- Do the same for LH and RH.

4. INSTALL SEATBACK FRAME

HINT:

Do the same for LH and RH.

(a) LH Side:

Install the retainer with the screw and nut.

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

(b) LH Side:

Install the seat belt with the bolt to the seatback frame.

Torque: 65 N·m (663 kgf·cm, 48 ft·lbf)

(c) Install the seatback lock with the 2 bolts to the seatback frame.

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

(d) Install the lock knob to the seatback lock.

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

(f) Install the lock knob holder.

(g) Install the headrest supports.

(h) Install the seatback cover with pad to the seatback frame with the new hog rings.

HINT:

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

5. INSTALL CENTER ARMREST

(a) Install the center armrest to the seatback assembly.

(b) Install the bolt and center armrest cover.

6. INSTALL HEADRESTS

BO15U-01

INSTALLATION

1. INSTALL SEATBACK ASSEMBLY

HINT:

Do the same for LH and RH.

(a) Install the seatback assembly, then tighten the bolt on the rear side temporarily.
Torque: 21 N·m (214 kgf·cm, 15 ft·lbf)

(b) Install the side hinge with the bolt to the seatback assembly.
Torque: 21 N·m (214 kgf·cm, 15 ft·lbf)

(c) Tighten the bolt on the front side temporarily.
Torque: 21 N·m (214 kgf·cm, 15 ft·lbf)

2. INSTALL SEAT SIDE CUSHION LOCK HOOK

Install the 2 lock hooks to the body panel.

3. INSTALL SEAT SIDE CUSHION

(a) Push down the seat side cushion wire to install the hook to the body panel.

HINT:

- Confirm that the seat side cushion is installed firmly.
- Do the same for LH and RH.

(b) Install the 2 bolts.
Torque: 21 N·m (214 kgf·cm, 15 ft·lbf)

4. INSTALL SEAT CUSHION ASSEMBLY

HINT:

Do the same for LH and RH.

(a) Mount the seat cushion assembly to the body.

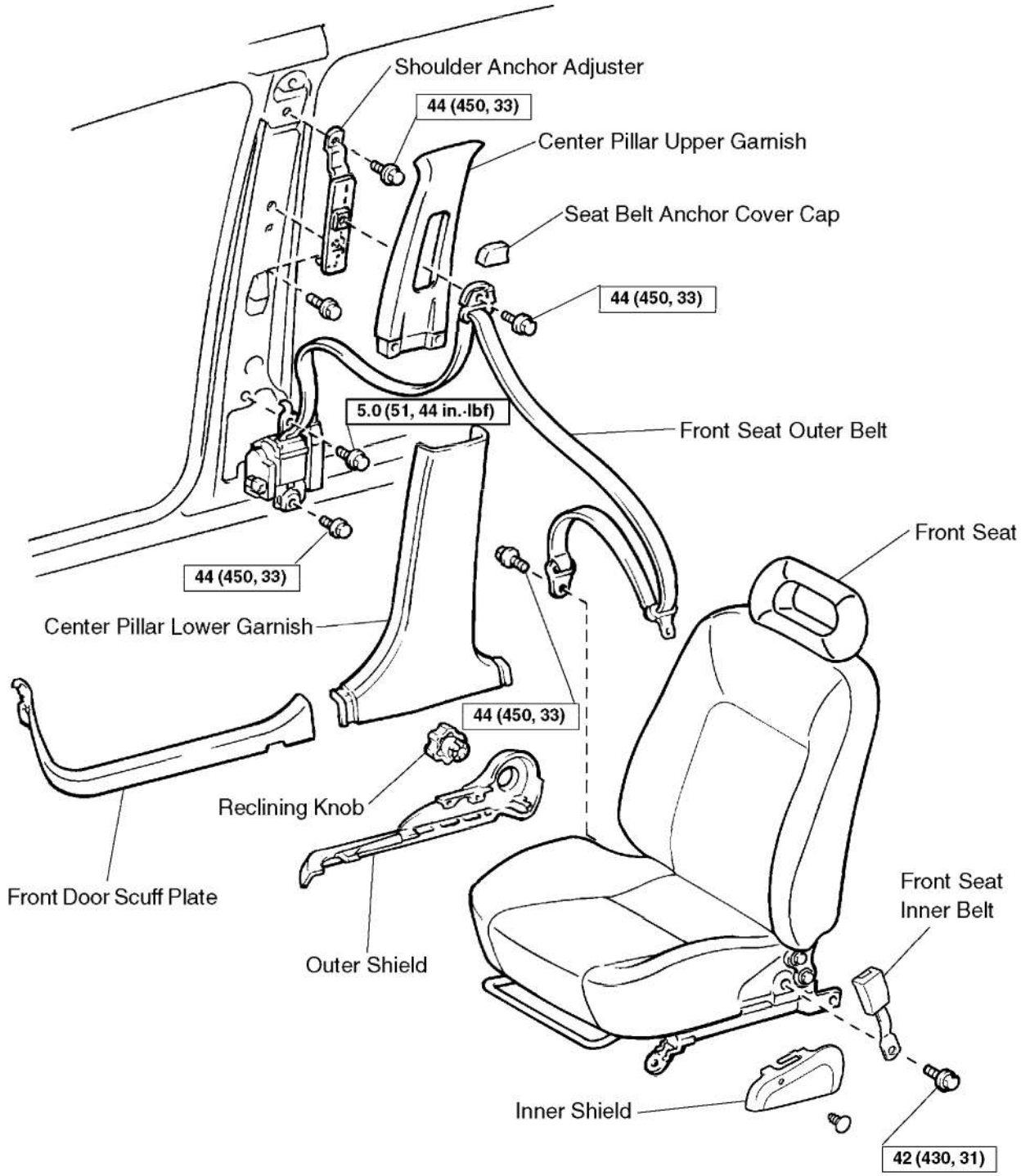
(b) Tighten the 2 bolts.
Torque: 21 N·m (214 kgf·cm, 15 ft·lbf)

SEAT BELT

COMPONENTS

BO1AE–01

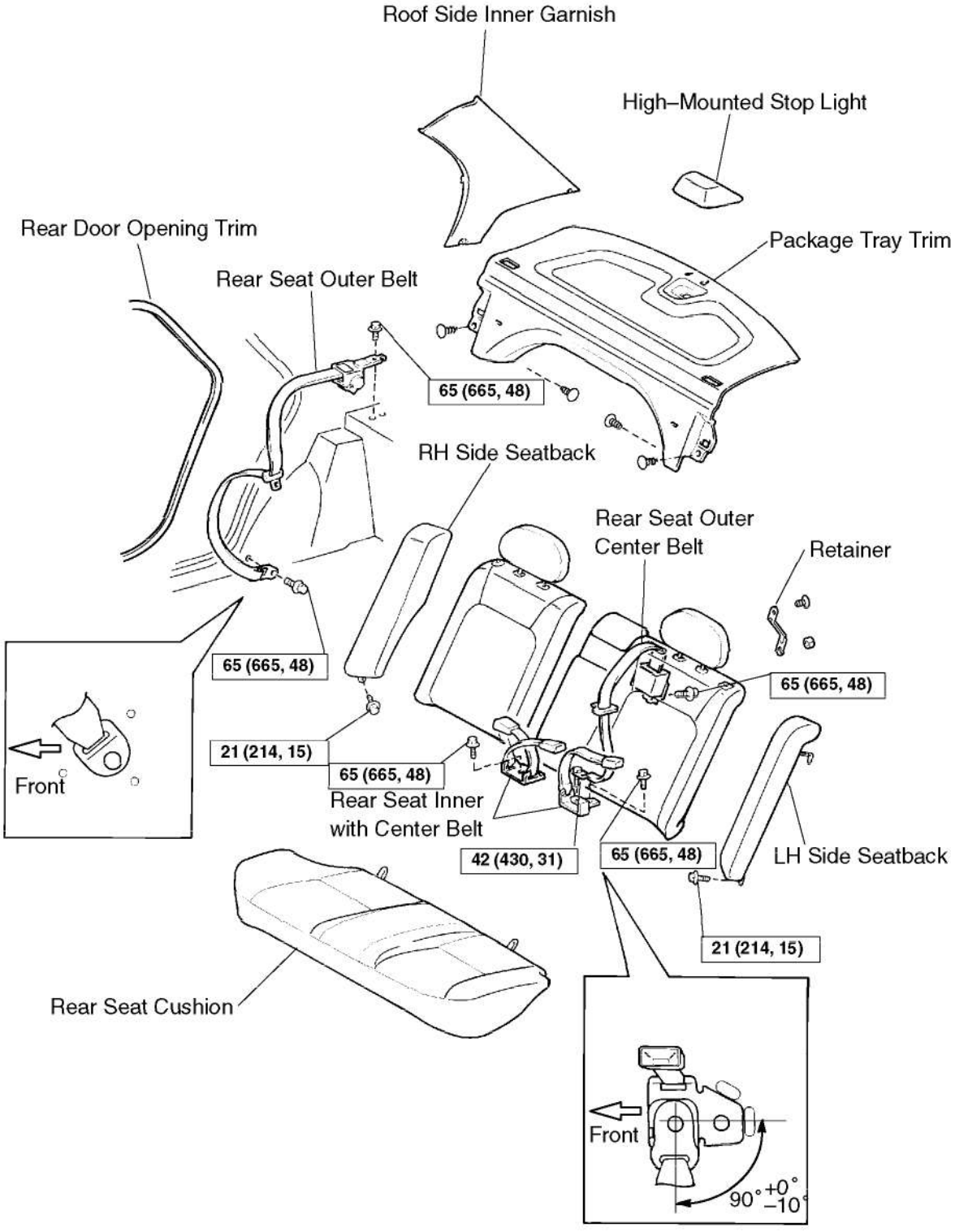
FRONT SEAT BELT



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

H03683

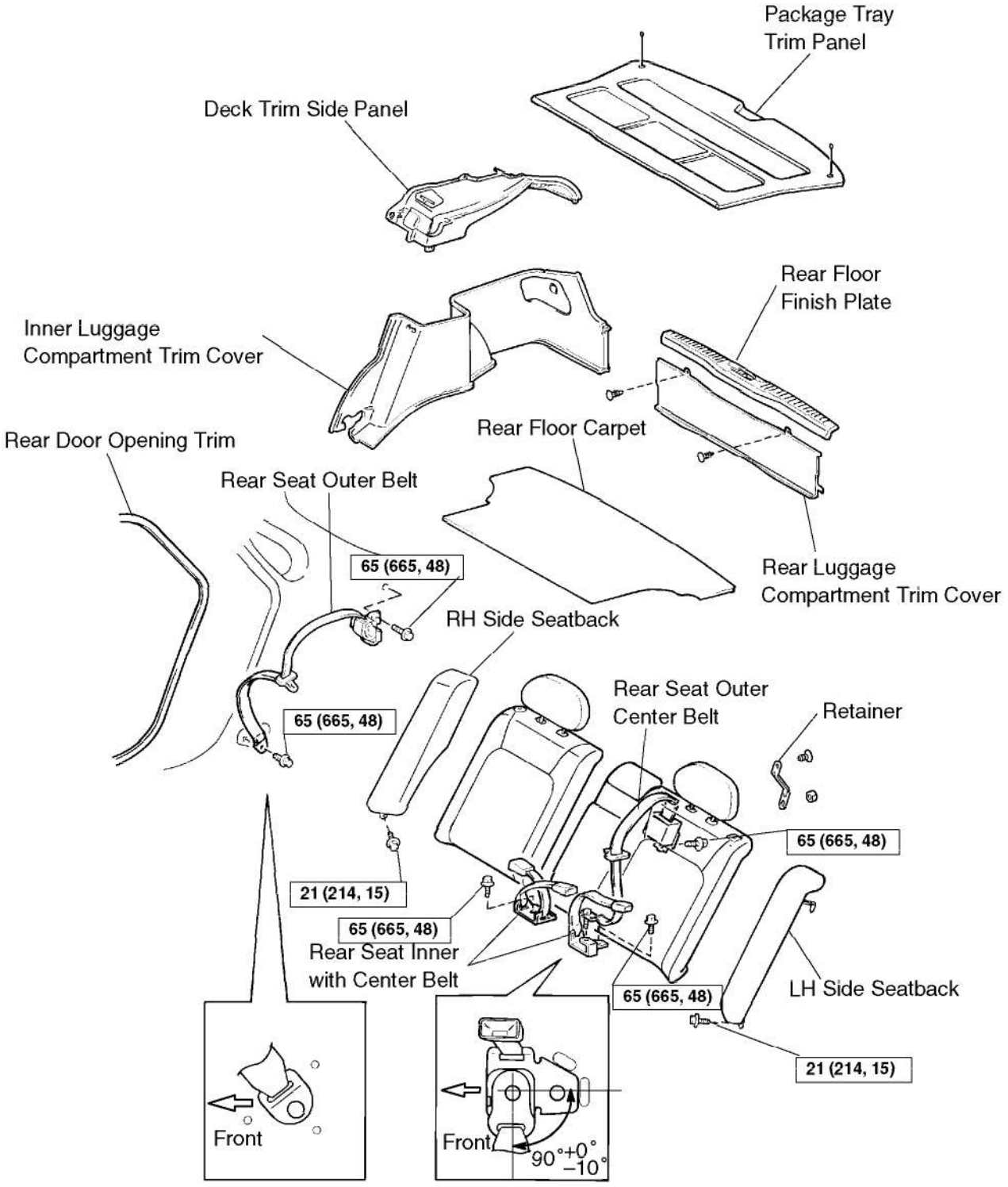
REAR SEAT BELT
(Sedan)



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

H03673

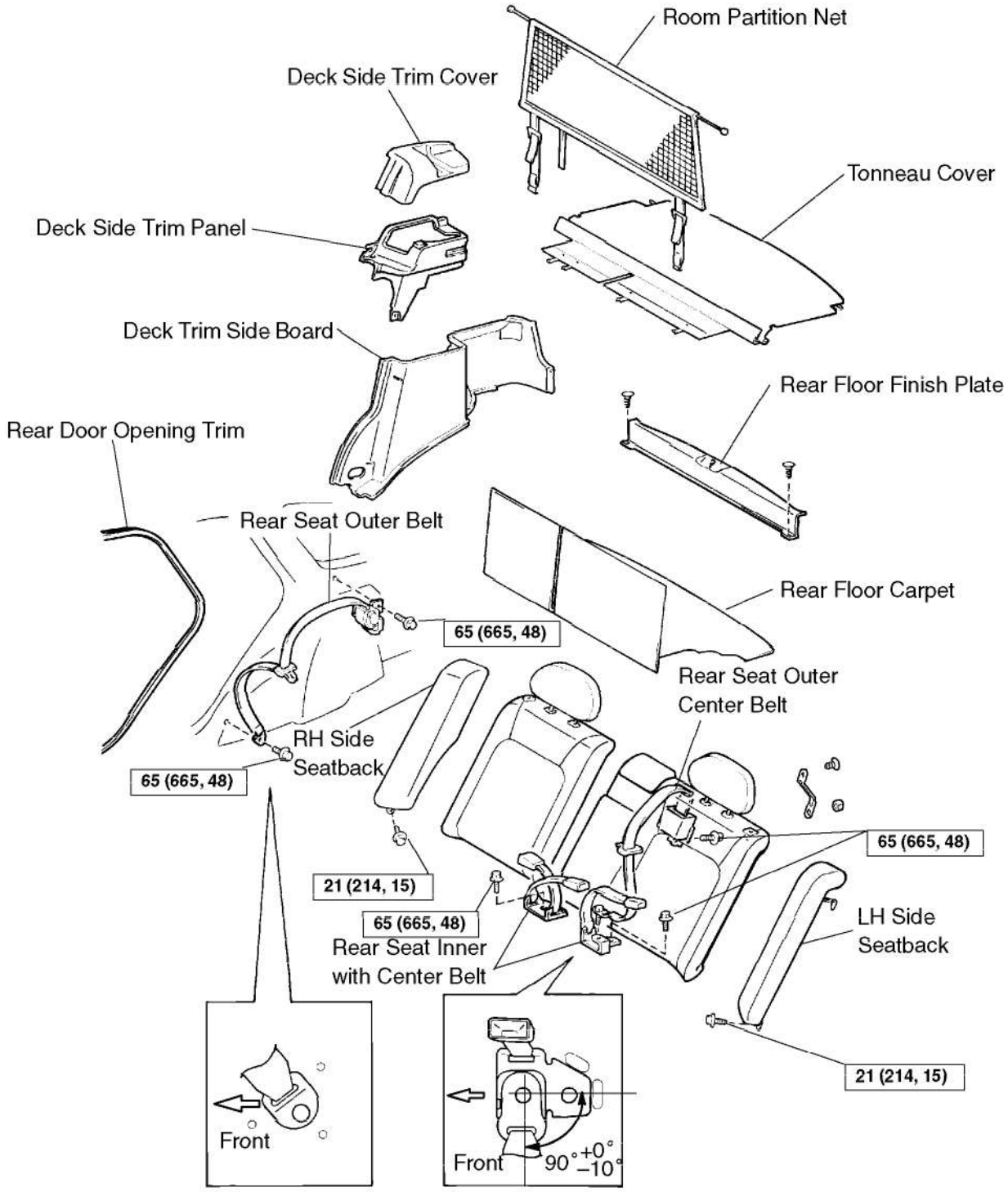
REAR SEAT BELT
(Liftback)



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

H03671

REAR SEAT BELT
(Wagon)



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

H03672

BO0BD-02

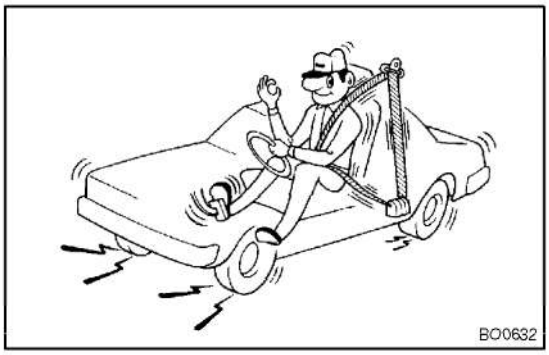
INSPECTION

CAUTION:

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

1. RUNNING TEST (IN SAFE AREA)

(a) Fasten the front seat belts.



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

HINT:

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

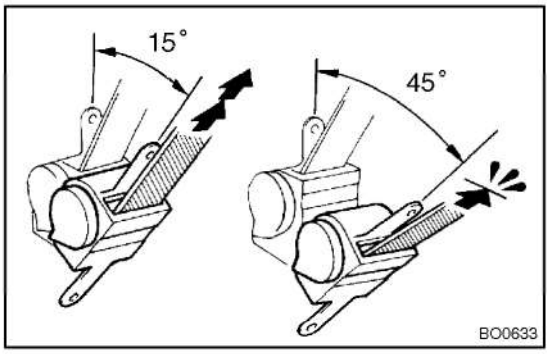
2. Driver's seat belt (ELR):

STATIC TEST

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

(b) Remove the locking retractor assembly.

(c) Tilt the retractor slowly.



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

If a problem is found, replace the assembly.

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

STATIC TEST

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

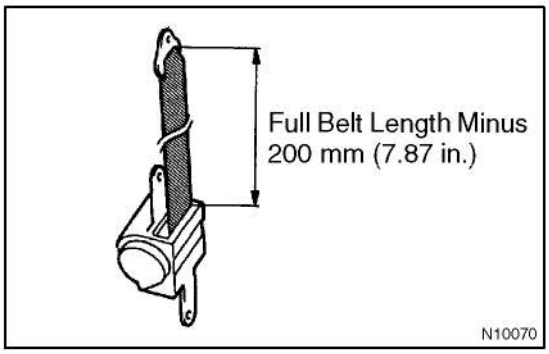
(b) Remove the locking retractor assembly.

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

Then retract the belt slightly and pull it out again.

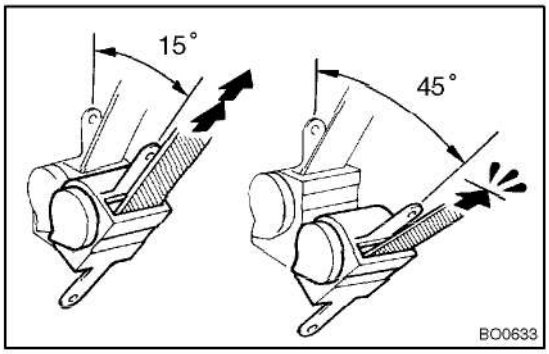
(d) Make sure that the belt cannot be extended further.

If a problem is found, replace the assembly.



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

(f) Tilt the retractor slowly.



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

If a problem is found, replace the assembly.

SEAT BELT PRETENSIONER

BO1AF-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 from another vehicle. When replacing seat belt pretensioner, replace it with new.**

1. REMOVE THESE PARTS:

(a) Front door opening trim
(b) Front door scuff plate
(c) Rear door opening trim
(d) Rear door scuff plate
(e) Center pillar lower garnish

2. REMOVE FRONT SEAT OUTER BELT

CAUTION:

Never disassemble the front seat outer belt.

NOTICE:

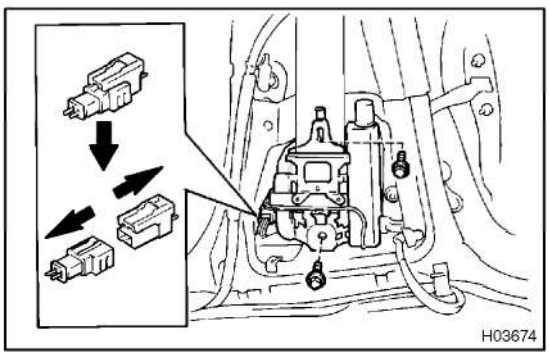
When removing the front outer seat belt, take care not to pull the seat belt pretensioner wire harness.

(a) Remove the front seat reclining knob.
(b) Remove the front seat outer shield.
(c) Remove the bolts and floor anchor.
(d) Using a screwdriver, remove the anchor cover caps.

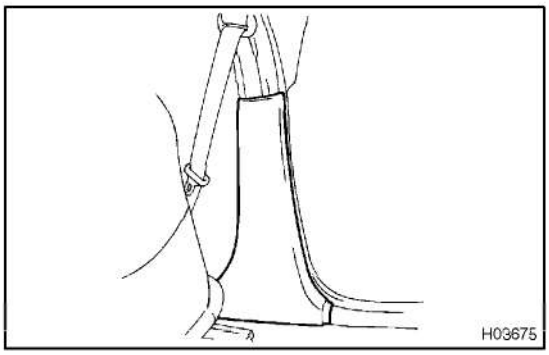
HINT:

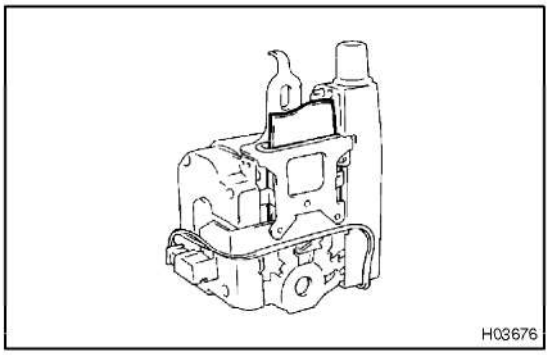
Tape the screwdriver tip before use.

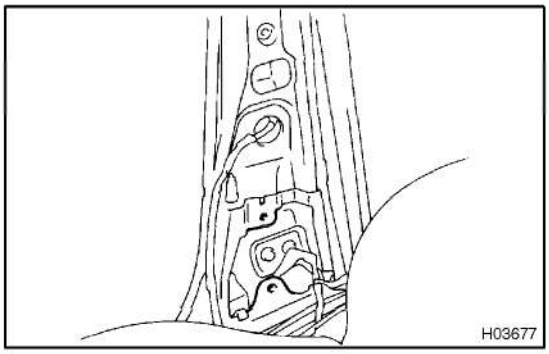
(e) Remove the bolt and shoulder anchor.



(f) Disconnect the pretensioner connector, then remove the 2 bolts and front seat outer belt as shown in the illustration.







BO1AG–01

INSPECTION

1. PRETENSIONER IS NOT ACTIVATED

(a) Perform a diagnostic system check.
(See page DI–152)

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

CAUTION:
For removal and installation of the front seat outer belt, see page BO–151 and BO–159.
Be sure to follow the correct procedure.

2. PRETENSIONER IS ACTIVATED

(a) Perform a diagnostic system check.
(See page DI–152)

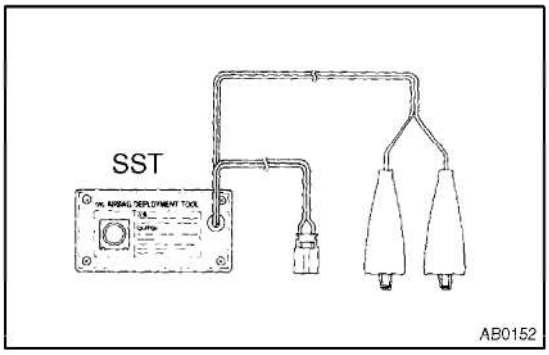
(b) Perform a visual check which includes the following items with the front seat outer belt removed from the vehicle.
- Check for deformation of the center pillar.
- Check for damage on the connector and wire harness.

B01AH–01

DISPOSAL

HINT:

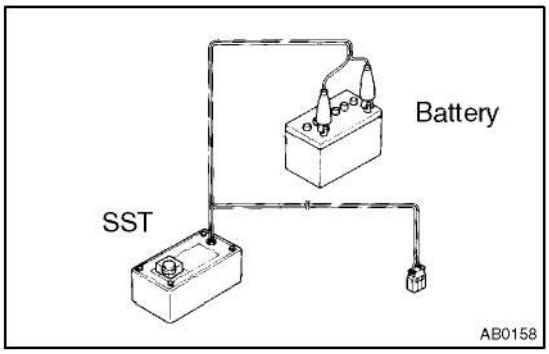
When scrapping vehicle equipped with a SRS or disposing of a front seat outer belt (with seat belt pretensioner), always first deploy the airbag in accordance with the procedure given in RS section or activate the seat belt pretensioner. If any abnormality occurs with the airbag deployment or seat belt pretensioner activation, contact the SERVICE DEP. of the 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–(d) in "DISPOSAL".



CAUTION:

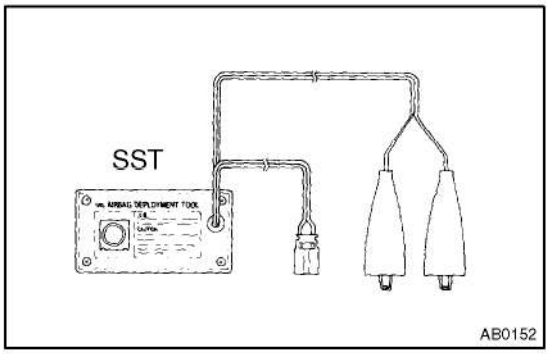
- **Never dispose of front seat outer belt which has inactivated pretensioner.**
- **The seat belt pretensioner produces a sizeable exploding sound when it activates, so perform the operation out–of–door and where it will not create a nuisance to nearby residents.**
- **When activating the seat belt pretensioner, always use the specified SST. (SRS Airbag Deployment Tool) Perform the operation in a place away from electrical noise.**

  SST 09082–00700, 09082–00760
- **When activating a front seat outer belt (with seat belt pretensioner), perform the operation at least 10 m (33 ft) away from the front seat outer belt.**
- **Use gloves and safety glasses when handling a front seat outer belt with activated pretensioner.**
- **Always wash your hands with water after completing the operation.**
- **Do not apply water, etc. to a front seat outer belt with activated pretensioner.**



1. SEAT BELT PRETENSIONER ACTIVATION WHEN SCRAPPING VEHICLE

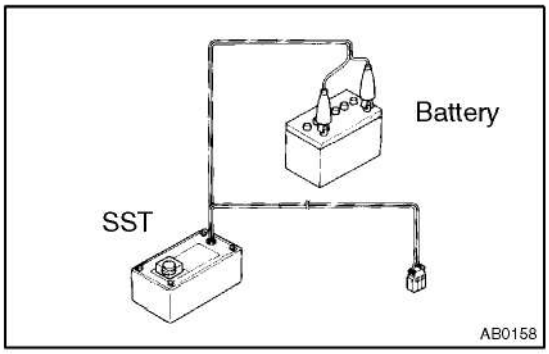
HINT:
Have a battery ready as the power source to activate the seat belt pretensioner.



(a) Check functioning of SST

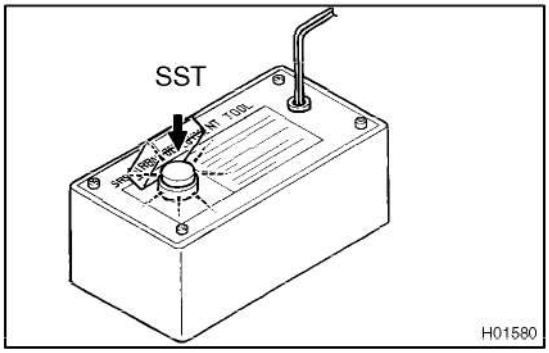
CAUTION:
When activating the seat belt pretensioner, always use the specified SST: SRS Airbag Deployment Tool.

SST 09082–00700, 09082–00760



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

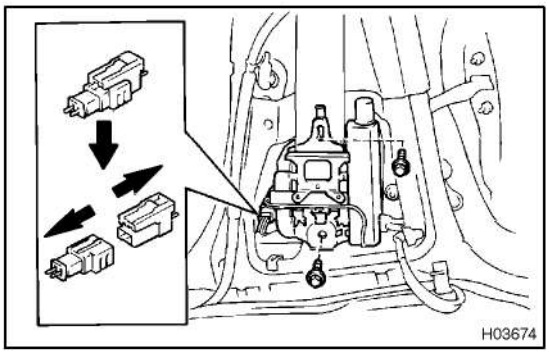
HINT:
Do not connect the yellow connector which will be connected with the seat belt pretensioner.



(2) Check functioning of SST
Press the SST activation switch, and check the LED of the SST activation switch lights up.

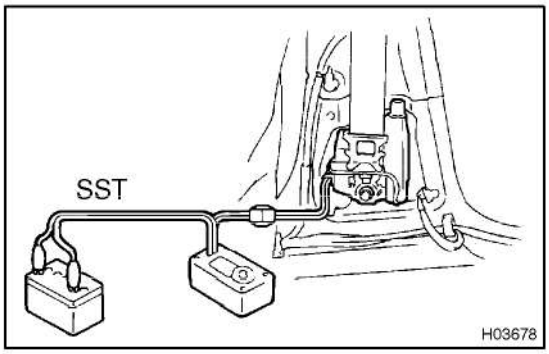
CAUTION:
If the LED lights up when the activation switch is not being pressed, SST malfunction is probable, so definitely do not use the SST.

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



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

(7) 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.

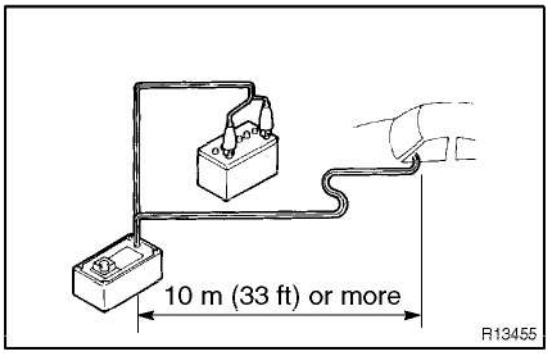


(8) Connect the 2 SST each other, then connect them to the seat belt pretensioner.

SST 09082–00700, 09082–00760

NOTICE:

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



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

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

NOTICE:

Take care not to damage the SST wire harness.

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

(c) Activate seat belt pretensioner.

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

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

HINT:

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

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

CAUTION:

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

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

2. ACTIVATION WHEN DISPOSING OF FRONT SEAT OUTER BELT ONLY

NOTICE:

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

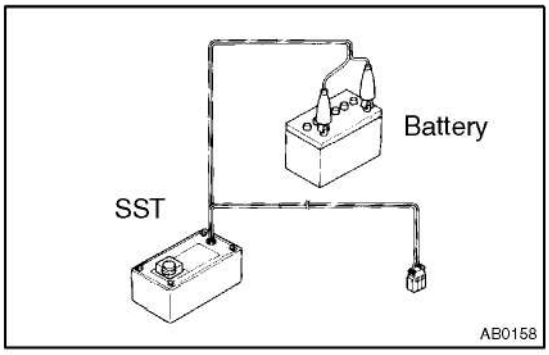
HINT:

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

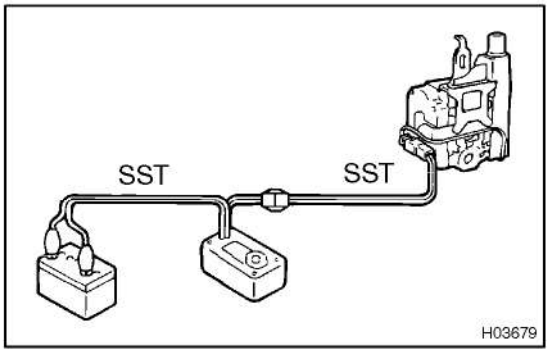
(a) Remove the front seat outer belt.
(See page BO–145)

HINT:

Cut the belt near the seat belt retractor.



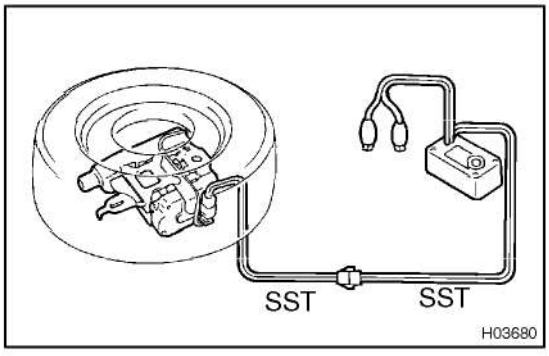
(b) Check functioning of SST.
(See step 1–(a))
SST 09082–00700, 09082–00760



(c) Install the SST.
(1) Connect the 2 SST each other, then connect them to the seat belt pretensioner.
SST 09082–00700, 09082–00760

NOTICE:

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



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

NOTICE:

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

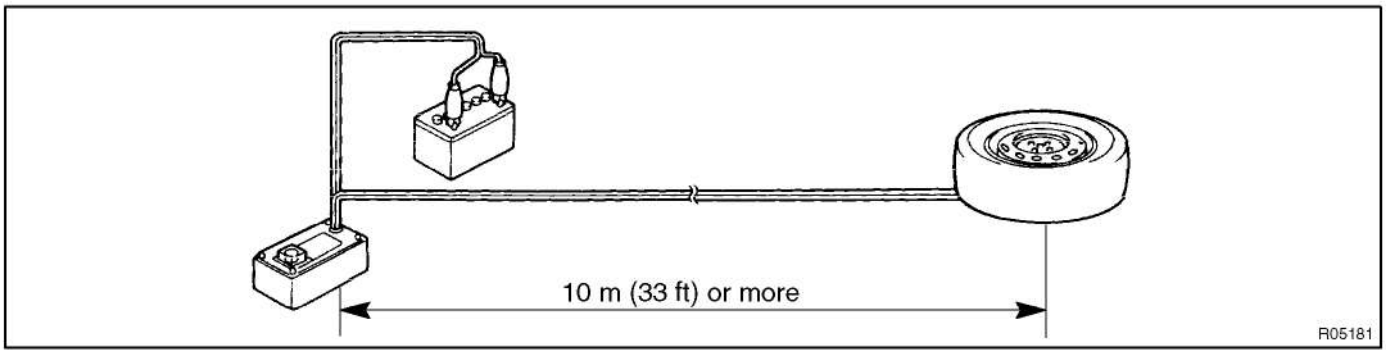
(3) Move the SST to at least 10 m (33 ft) away from the disc wheel.

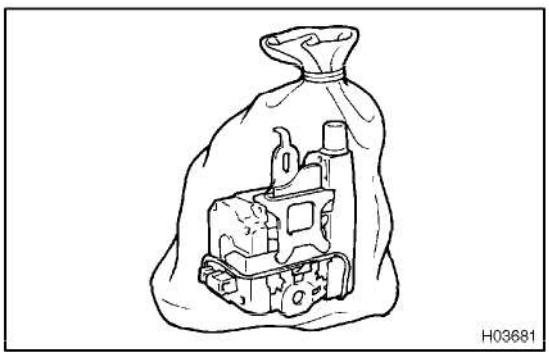
NOTICE:

Take care not to damage the SST wire harness.

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

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





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

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

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

B01AI–01

REPLACEMENT

REPLACE REQUIREMENTS

In the following cases, replace the seat belt pretensioner.

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

CAUTION:

For removal and installation of the seat belt pretensioner, see page BO–151 and BO–159.
Be sure to follow the correct procedure.

BO1AJ-01

INSTALLATION

NOTICE:

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

1. INSTALL FRONT SEAT OUTER BELT

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

(1) Front seat outer belt retractor

Torque:

Upper bolt: 5.0 N·m (51 kgf·cm, 66 in.·lbf)

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

(2) Seat belt shoulder anchor

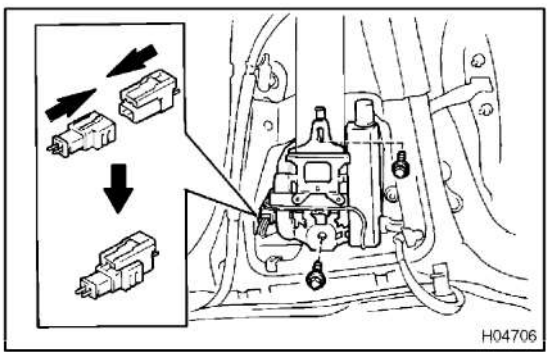
Torque: 42 N·m (430 kgf·cm, 31 ft·lbf)

(3) Seat belt floor anchor

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

NOTICE:

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



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

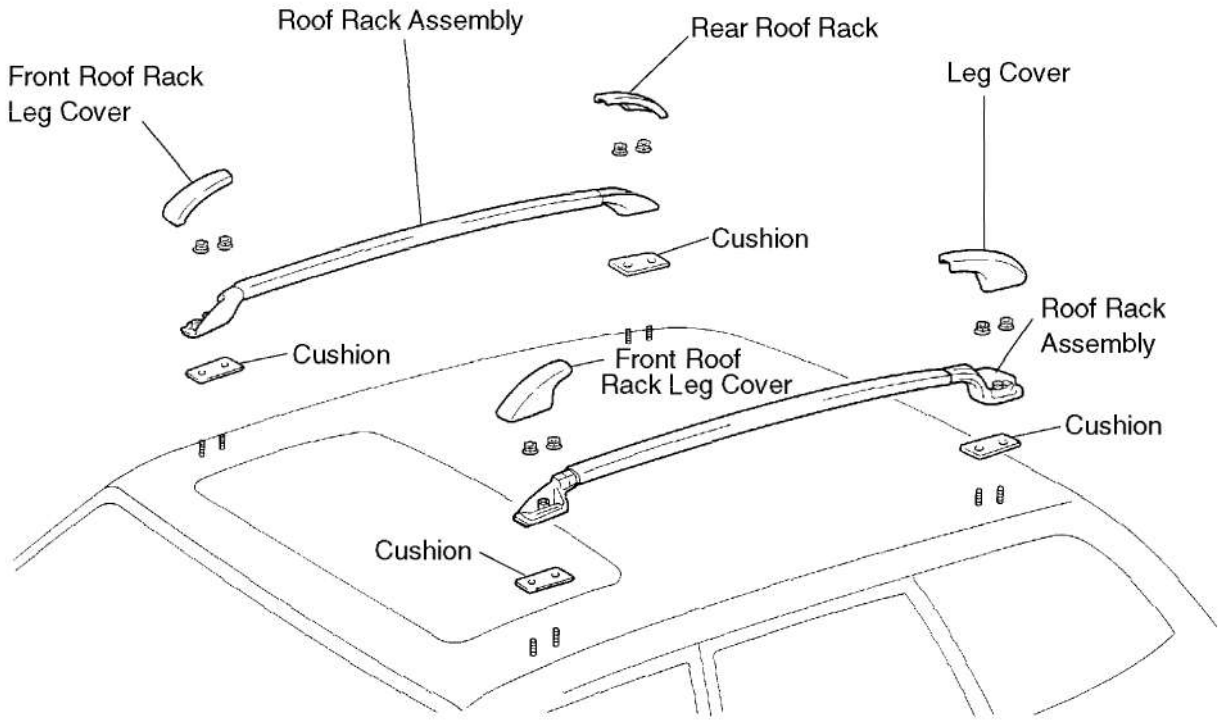
2. INSTALL THESE PARTS:

(a) Front seat outer shield
(b) Front seat reclining knob
(c) Anchor cover cap
(d) Center pillar lower garnish
(e) Rear door scuff plate
(f) Rear door opening trim
(g) Front door scuff plate
(h) Front door opening trim

ROOF RAIL

COMPONENTS

BO1B3–01

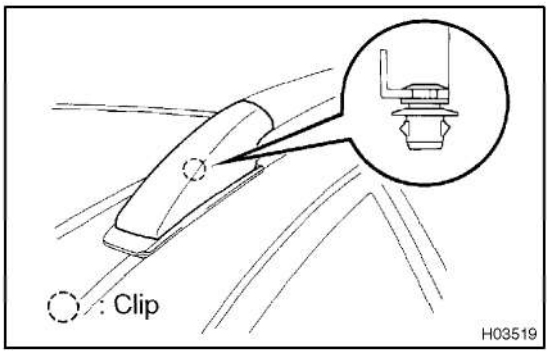


N·m (kgf·cm, ft·lbf) : Specified torque

H03517

BO154-01

REMOVAL

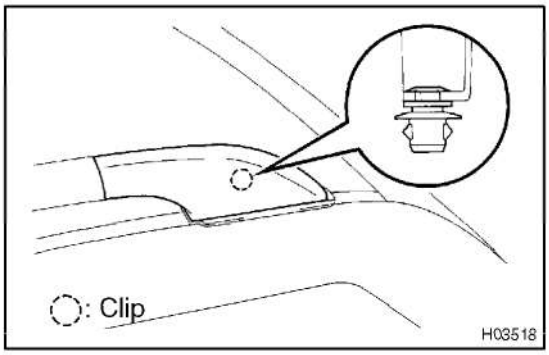


1. REMOVE FRONT ROOF RACK LEG COVER

Using a screwdriver, remove the front roof rack leg cover.

HINT:

Tape the screwdriver tip before use.



2. REMOVE REAR ROOF RACK LEG COVER

Using a screwdriver, remove the rear roof rack leg cover.

HINT:

Tape the screwdriver tip before use.

3. REMOVE ROOF RACK ASSEMBLY

Remove the 4 nuts and roof rack assembly roof the body.

4. REMOVE CUSHIONS

Remove the front and rear cushions from the roof rack assembly.

BO1B5–01

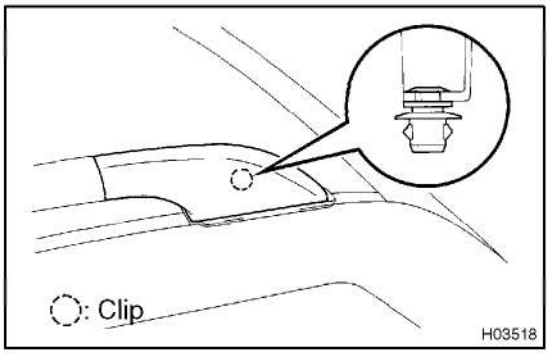
INSTALLATION

1. INSTALL CUSHIONS

Install the front and rear cushions to the roof rack assembly.

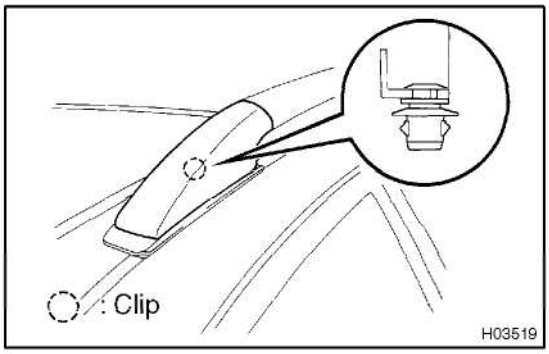
2. INSTALL ROOF RACK ASSEMBLY

Install the roof rack assembly with the 4 nuts to the body.



3. INSTALL REAR ROOF RACK LEG COVER

Tap the rear roof rack leg cover by your hand to install it.



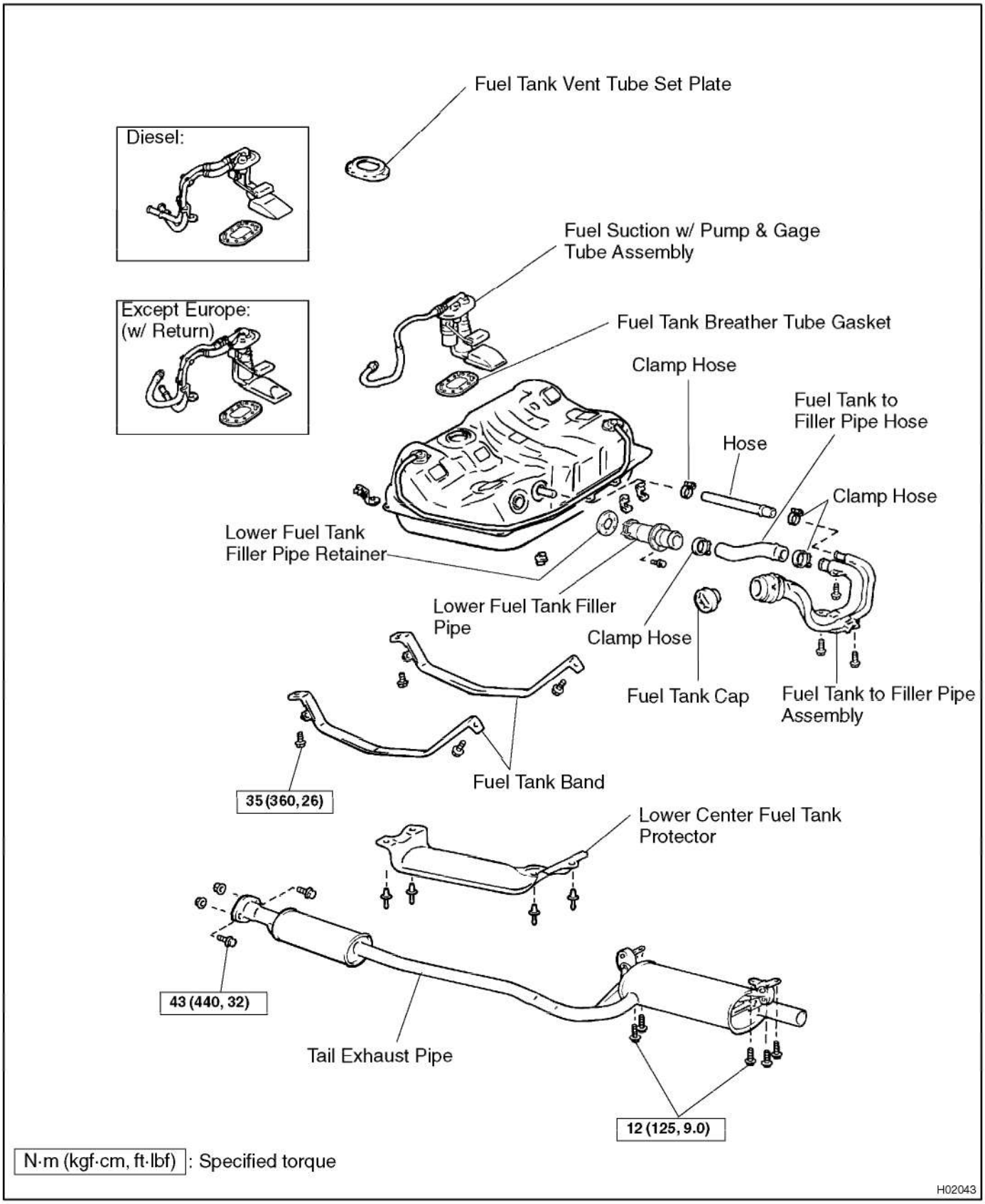
4. INSTALL FRONT ROOF RACK LEG COVER

Tap the front roof rack leg cover by your hand to install it.

FUEL TANK AND LINE

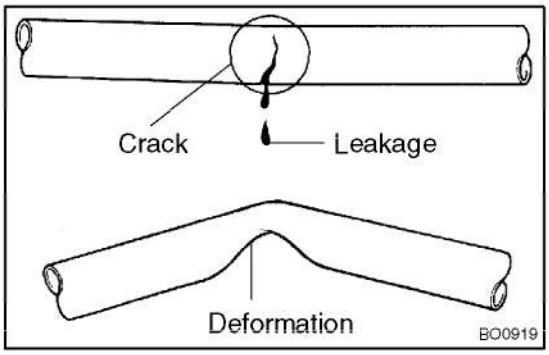
COMPONENTS

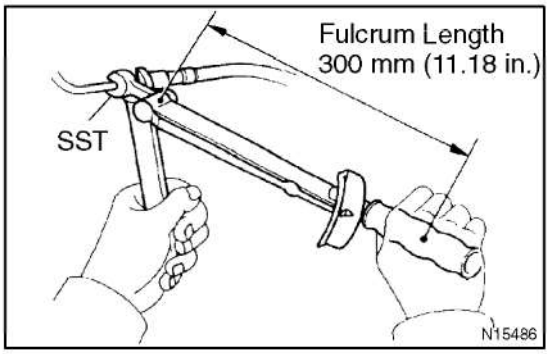
BO1AY–01

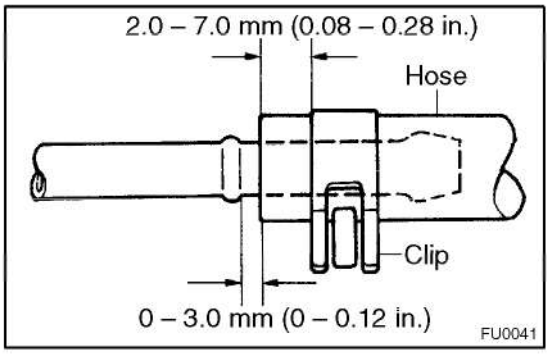


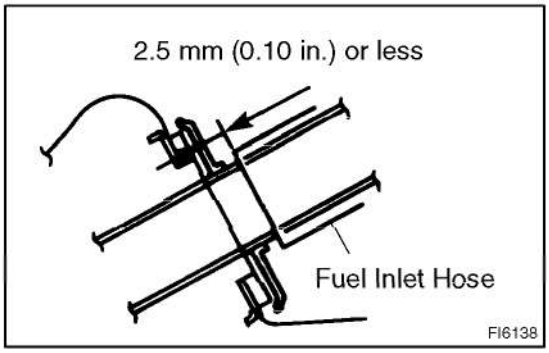
N·m (kgf·cm, ft·lbf) : Specified torque

H02043









BO1AZ–01

INSPECTION

NOTICE:

- **Always use new gaskets when replacing the fuel tank or components 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 bends or damage.

(c) Check the fuel tank for deformation, cracks, fuel leakage or tank band looseness.

(d) Check the inlet pipe for damage of fuel leakage.

(e) Hose and tube connections are shown in the illustration.

(f) 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.