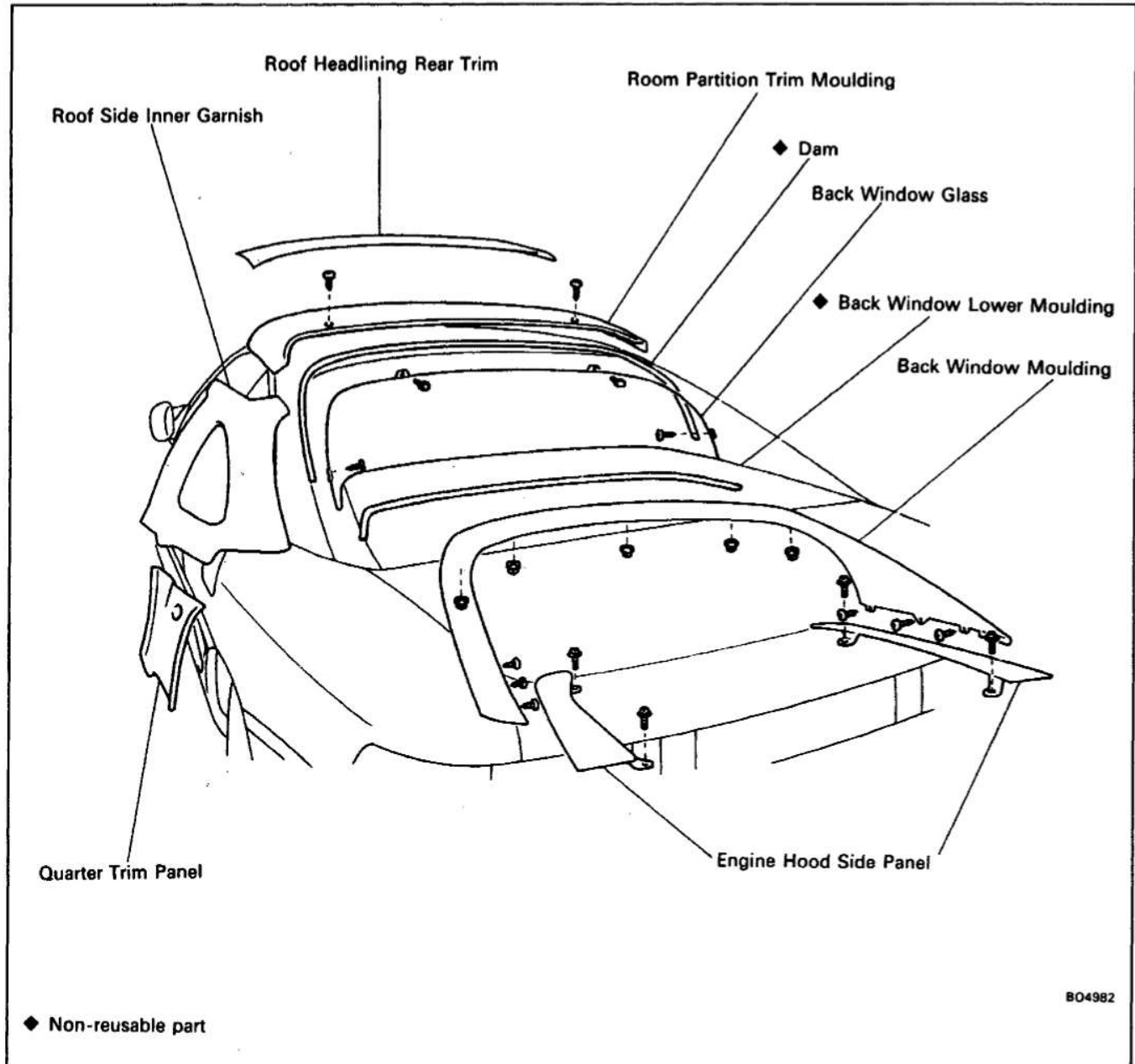


BACK WINDOW GLASS COMPONENTS

BO0G4-01



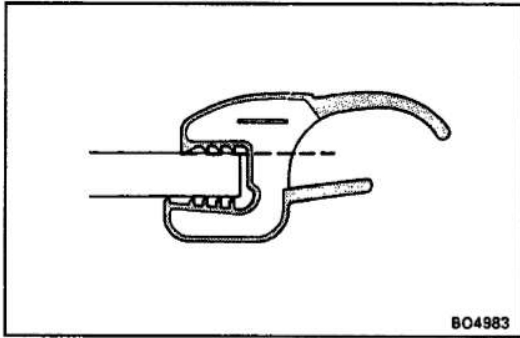
BO0G5-01

BACK WINDOW GLASS REMOVAL

1. REMOVE BACK WINDOW MOULDINGS
(See step 1 to 3 on pages [BO-39](#) to [BO-40](#))
2. DISCONNECT DEFOGGER WIRE CONNECTORS

BO-52

BODY – BACK WINDOW GLASS



3. REMOVE BACK WINDOW LOWER MOULDING

Using the knife, cut off the moulding as shown.

NOTICE: Do not damage the body with the knife.

4. REMOVE BACK WINDOW GLASS

(a) Remove two screws.

(b) Remove the glass in the same manner as windshield.
(See step 1 1 on page [BO-43](#))

BACK WINDOW GLASS INSTALLATION

(See page [BO-51](#))

1. CLEAN AND SHAPE CONTACT SURFACE OF BODY

(See step 1 on page [BO-43](#))

2. CLEAN REMOVED GLASS BEFORE INSTALLATION

(See step 2 on page [BO-43](#))

3. CLEAN CONTACT SURFACE OF GLASS

(See step 4 on page [BO-44](#))

4. INSTALL SPACER AND CLIP

Using adhesive, install two spacers and two clips to the glass.

Fit the spacers and the clips into the cut-out portion in the ceramic.

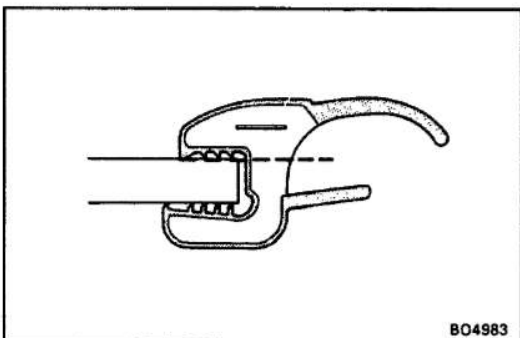
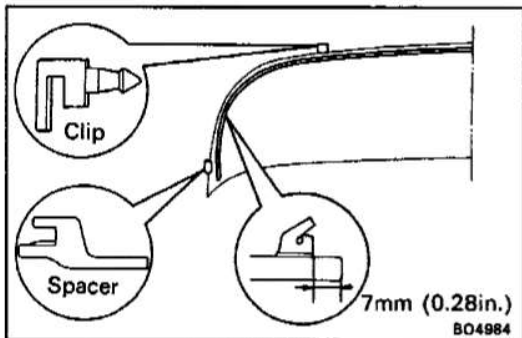
5. INSTALL DAM

Install the dam with double-stick tape s shown in the drawing.

NOTICE: Do not touch the glass face after cleaning it.

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

(See step 6 on page [BO-44](#))



7. INSTALL BACK WINDOW LOWER MOULDING

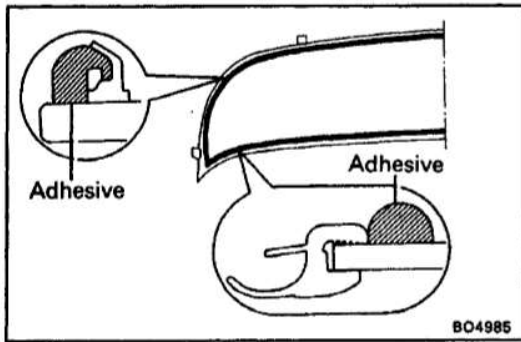
Install the moulding to the glass.

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

(a) Using 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 cloth.

NOTICE: Be sure that installation of the glass is finished within 70 minutes.

**9. MIX ADHESIVE COATING**

(See step 8 on page [BO-44](#))

10. APPLY ADHESIVE

- (a) Cut off the tip of the cartridge nozzle to make a hole 5 mm (0.20 in.) in diameter. Fill the cartridge with adhesive.
- (b) Load the cartridge into the sealer gun.
- (c) Coat the glass with adhesive on all contact surfaces along the ridge.

Adhesive height:

If adhesive remains on body

3.5–5.0 mm (0.138–0.187 in.)

If no adhesive remains on body

8–10 mm (0.31–0.39 in.)

11. INSTALL GLASS WITH LOWER MOULDING

(See step 10 on page [BO-45](#))

HINT: Align the clips with the body holes, then install two screws.

12. INSPECT FOR LEAKS AND REPAIR

(See step 11 on page [BO-45](#))

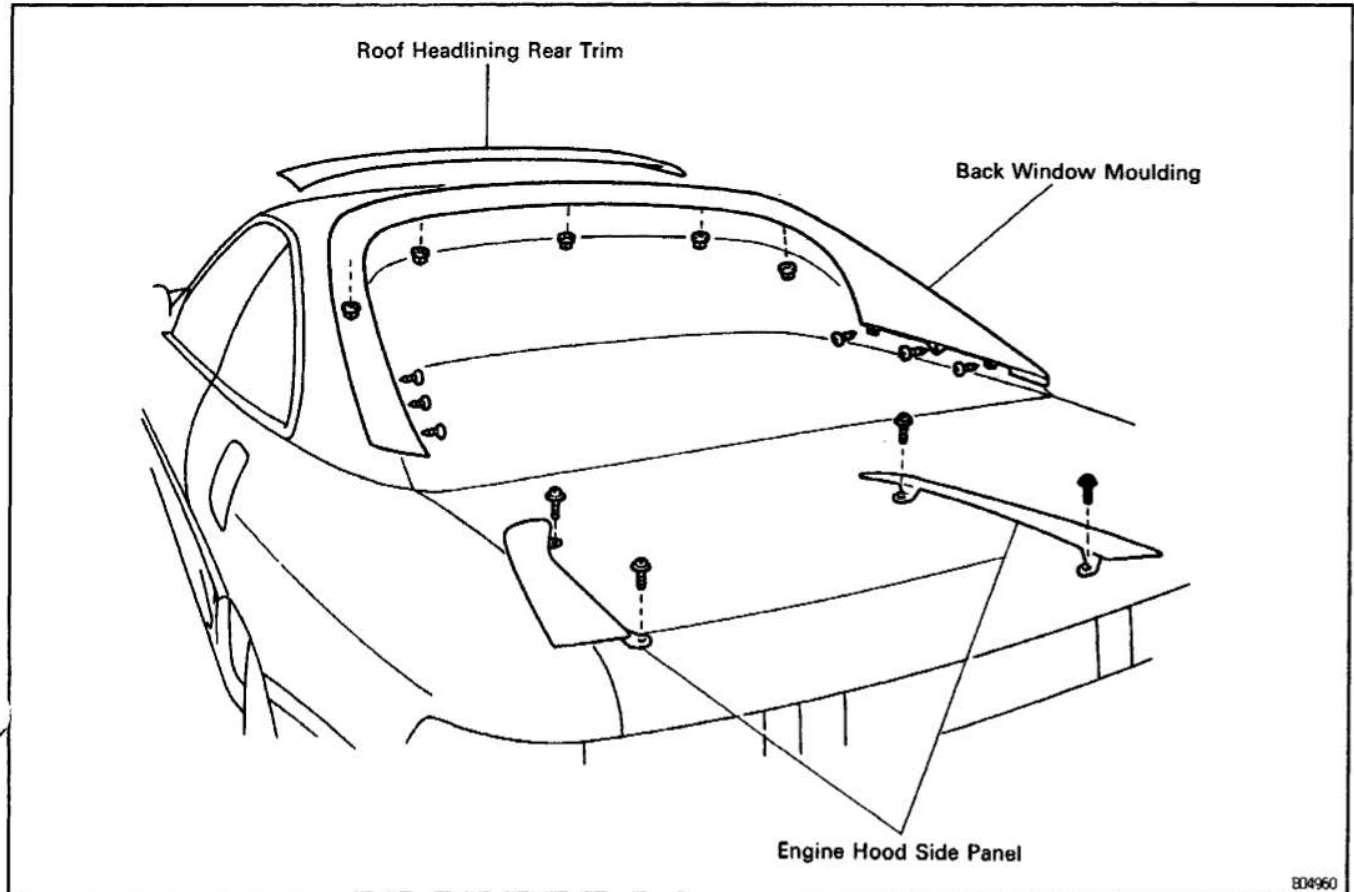
13. INSTALL BACK WINDOW MOULDINGS

(See step 1 to 3 on page [BO-40](#))

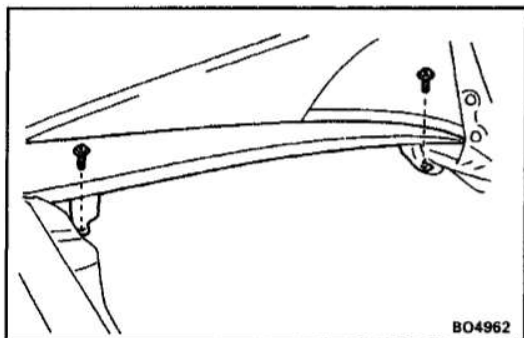
14. CONNECT DEFOGGER WIRE CONNECTORS

BACK WINDOW MOULDING COMPONENTS

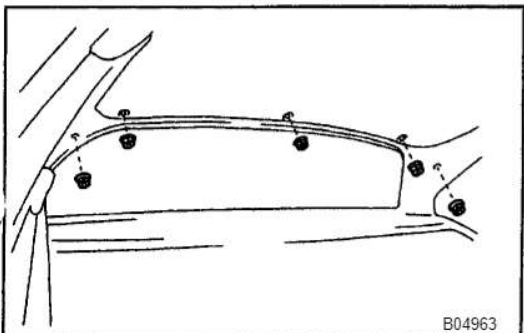
B008V-01



B04960



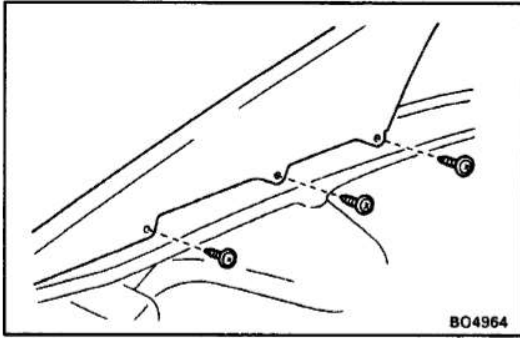
B04962



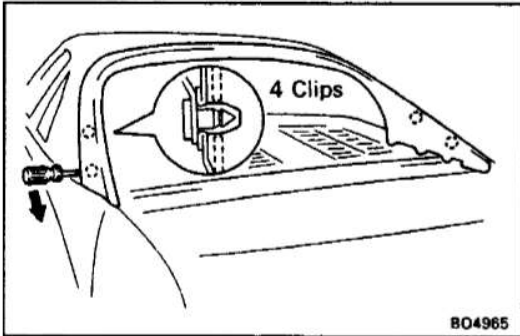
B04963

BACK WINDOW MOULDING REMOVAL

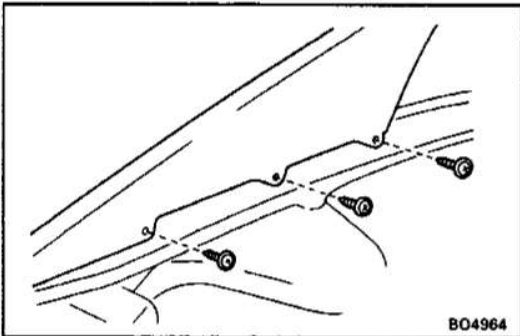
1. **REMOVE ENGINE HOOD SIDE PANELS**
Remove four screws and two panels.
2. **REMOVE FOLLOWING PARTS:**
(See steps 1 to 6 on pages [BO-47](#) to [BO-48](#))
 - (a) Door scuff plate
 - (b) Roof headlining rear trim
 - (c) Room partition trim moulding
 - (d) Quarter trim panel
 - (e) Seat belt shoulder anchor
 - (f) Roof side inner garnish
3. **REMOVE BACK WINDOW MOULDING**
 - (a) Remove five nuts.

BO-40**BODY – BACK WINDOW MOULDING**

- (b) Remove six screws.



- (c) Insert the screwdriver between the moulding and the panel to pry out.
HINT: Tape the screwdriver tip before use.
(d) Pull the moulding upward to remove it.
NOTICE: Do not damage the body.

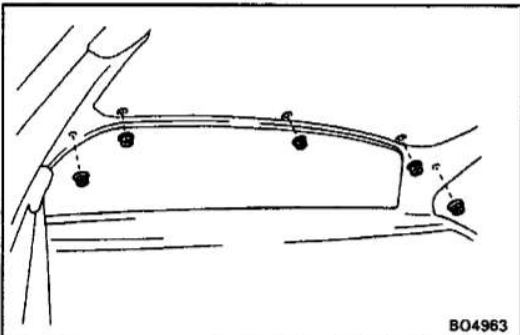


BACK WINDOW MOULDING INSTALLATION

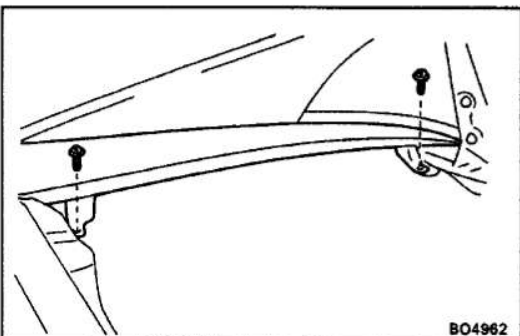
(See page [BO-39](#))

1. INSTALL BACK WINDOW MOULDING

- (a) Tap the moulding and, fix it in place with the clips.
(b) Install six screws.

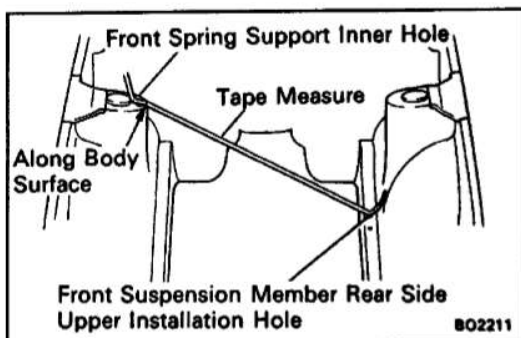
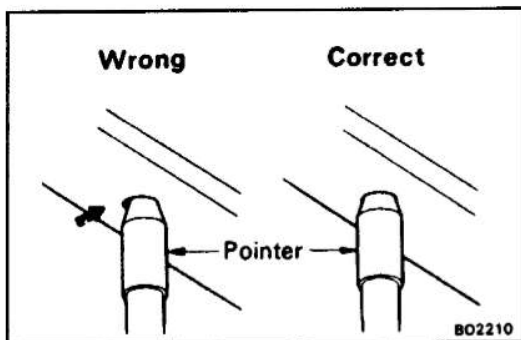
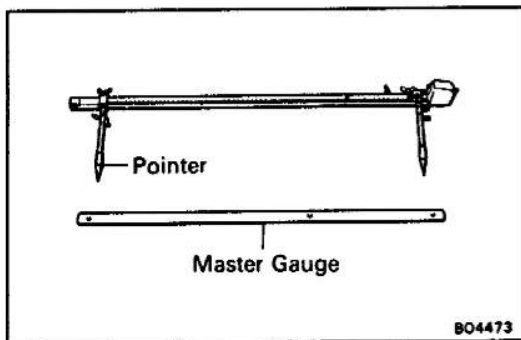
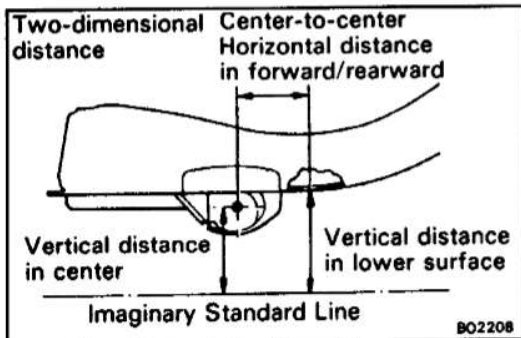
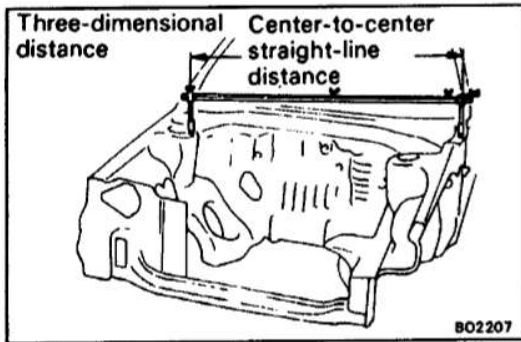


- (c) Install five nuts.
2. INSTALL FOLLOWING PARTS:
(a) Roof side inner garnish
(b) Seat belt shoulder anchor
Torque: 43 N·m (440 kgf·cm, 32 ft·lbf)
(c) Quarter trim panel
(d) Room partition trim moulding
(e) Roof headlining rear trim
(f) Door scuff plate



- 3. INSTALL ENGINE HOOD SIDE PANELS**
Install two panels with four screws.

B009X-01



BODY DIMENSIONS

GENERAL INFORMATION

BO038-01

1. BASIC DIMENSIONS

- (a) There are two types of dimensions in the diagram.
(Three-dimensional distance)

- Straight-line distance between the centers of two measuring points.

(Two-dimensional distance)

- Horizontal distance in forward / rearward between the centers of two measuring points.
 - The height from imaginary standard line.
- (b) In cases in which only one dimension is given, left and right are symmetrical.
- (c) The dimensions in the following drawing indicate actual distance. Therefore, please use the dimensions as a reference.

2. MEASURING

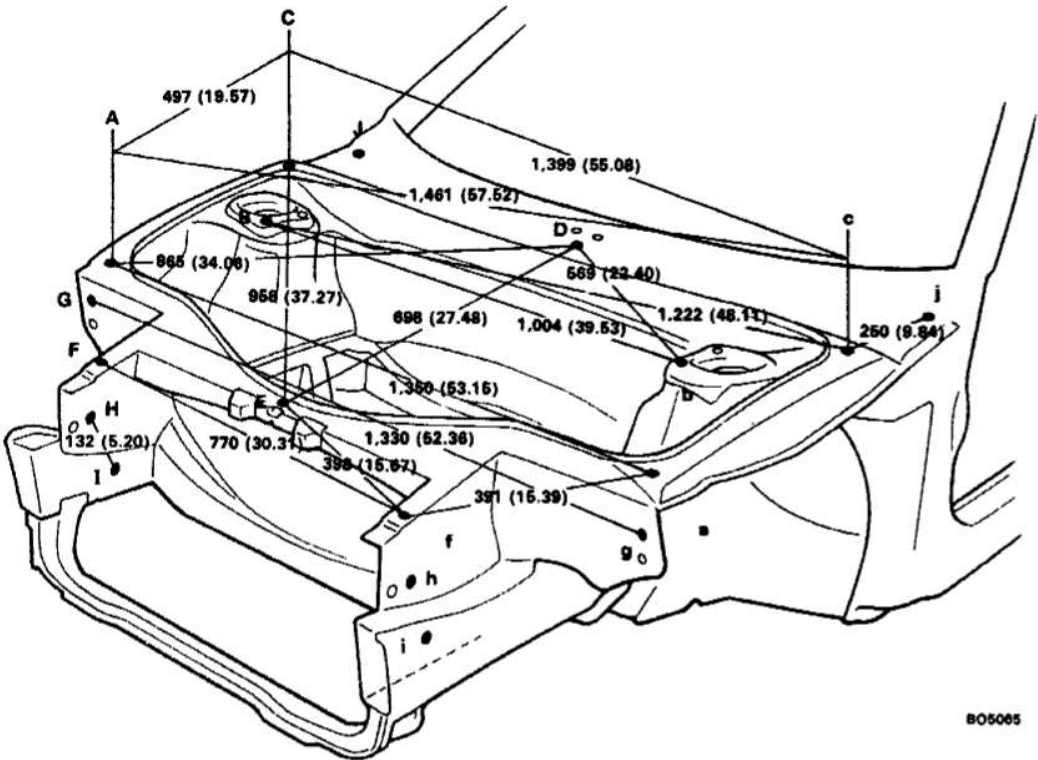
- (a) Basically, all measurements are to be done with a tracking gauge. For portions where it is not possible to use a tracking gauge, a tape measure should be used.
- (b) Use only a tracking gauge that has no looseness in the body, measuring plate, or pointers.

HINT:

1. The height of the left and right pointers must be equal.
 2. Always calibrate the tracking gauge before measuring or after adjusting the pointer height.
 3. Take care not to drop the tracking gauge or otherwise shock it.
 4. Confirm that the pointers are securely in the holes.
- (c) When using a tape measure, avoid twists and bends in the tape.
- (d) When tracking a diagonal measurement from the front spring support inner hole to the suspension member upper rear installation hole, measure along the front spring support panel surface.

BODY DIMENSIONS
FRONT LUGGAGE COMPARTMENT

(Three-Dimensional Distance)



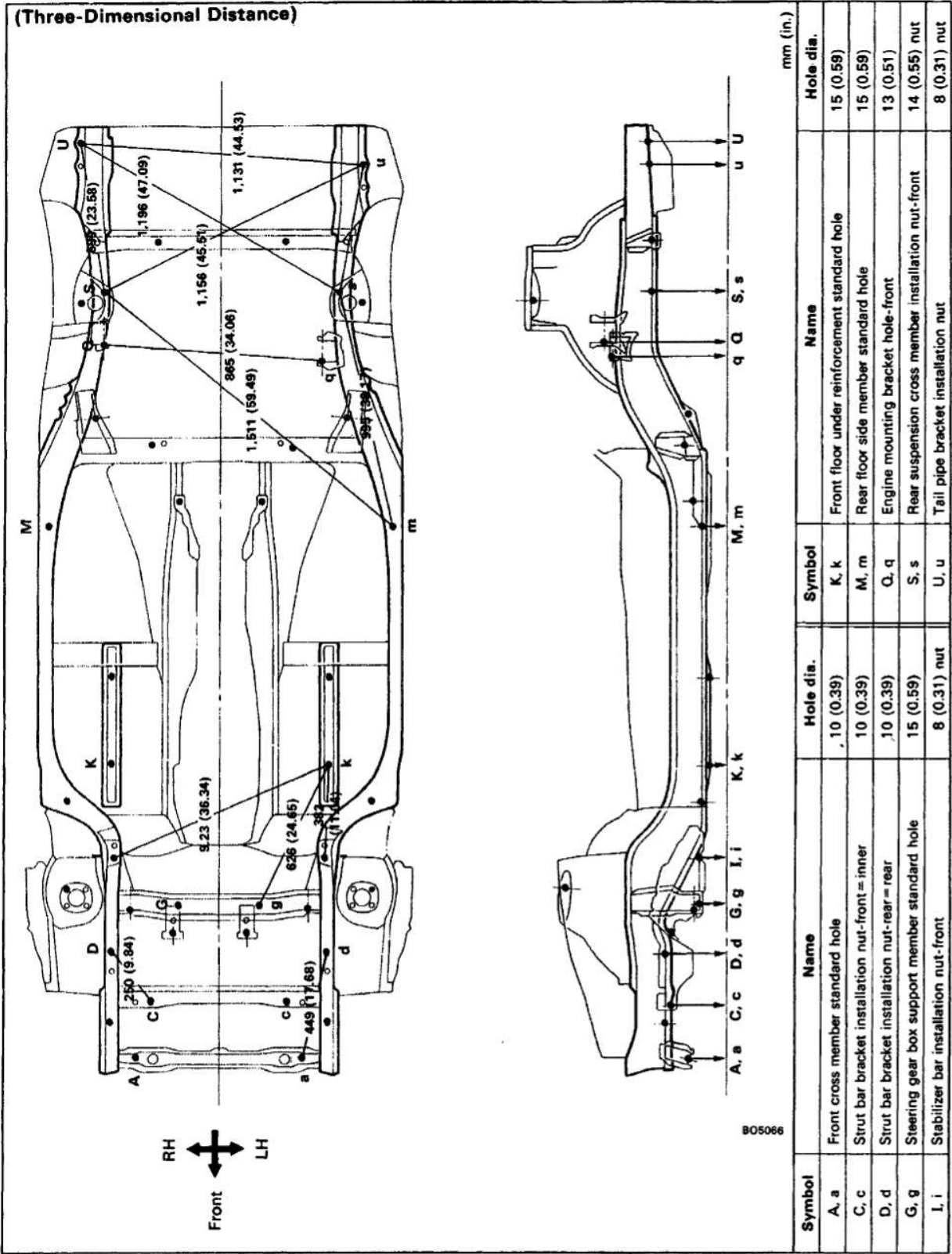
BO5065

mm(in.)

Symbol	Name	Hole dia.
A, a	Front fender installation nut – front	6 (0.24) nut
B, b	Front suspension brace installation nut	10 (0.39) nut
C, c	Front fender installation nut – rear	6 (0.24) nut
D	Wiper pivot installation hole (center)	7 (0.28)
E	Radiator upper seal installation hole (center)	7 (0.28)
F, f	Radiator upper seal installation hole	7 (0.28)
G, g	Front luggage end panel standard hole	10 (0.39)
H, h	Radiator support standard hole	10 (0.39)
I, i	Front side member standard hole	15 (0.59)
J, j	Hood hinge installation nut – rear	8 (0.31) nut

V00857

UNDER BODY

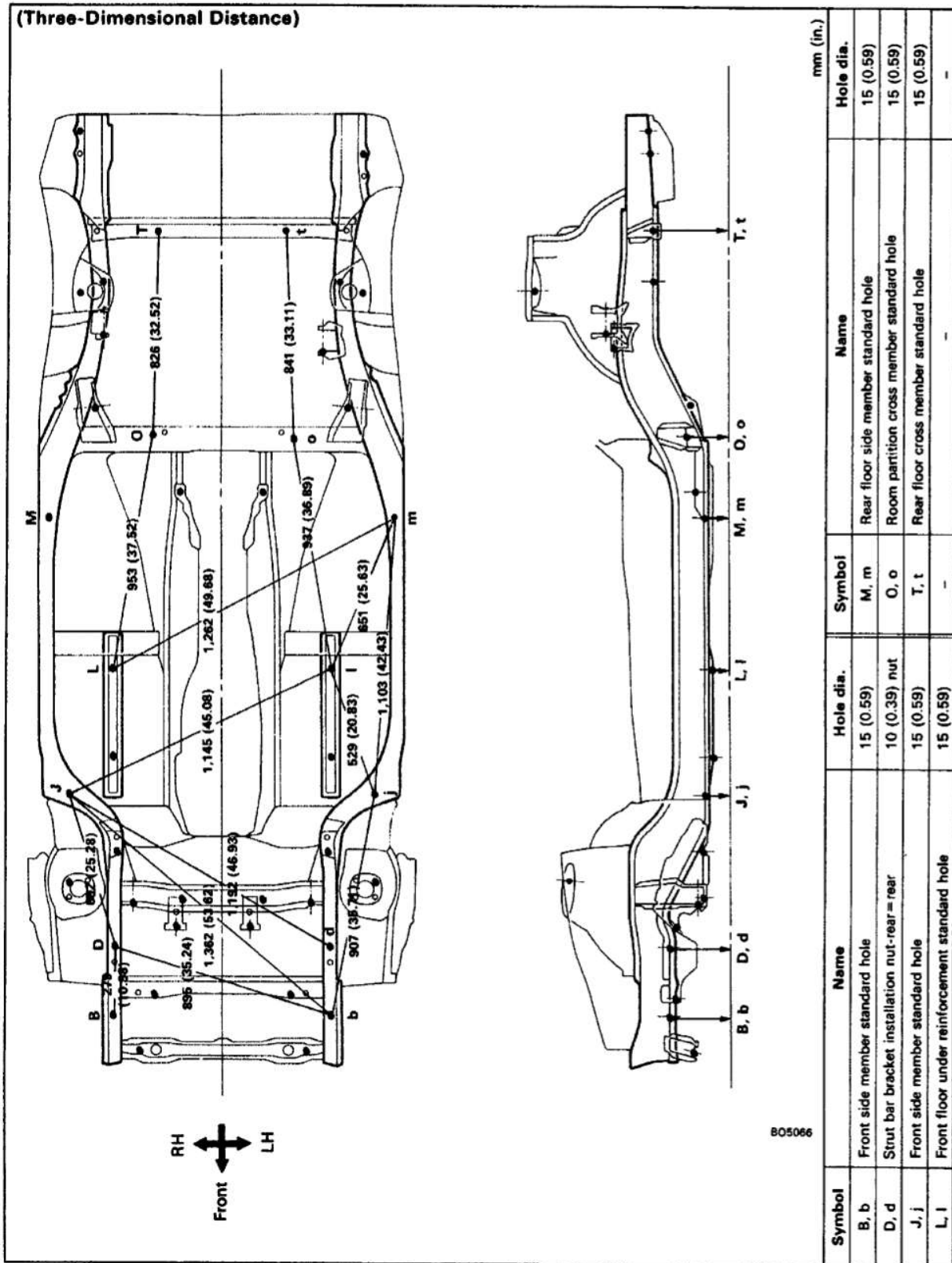


V00898

BO-84

BODY – BODY DIMENSIONS

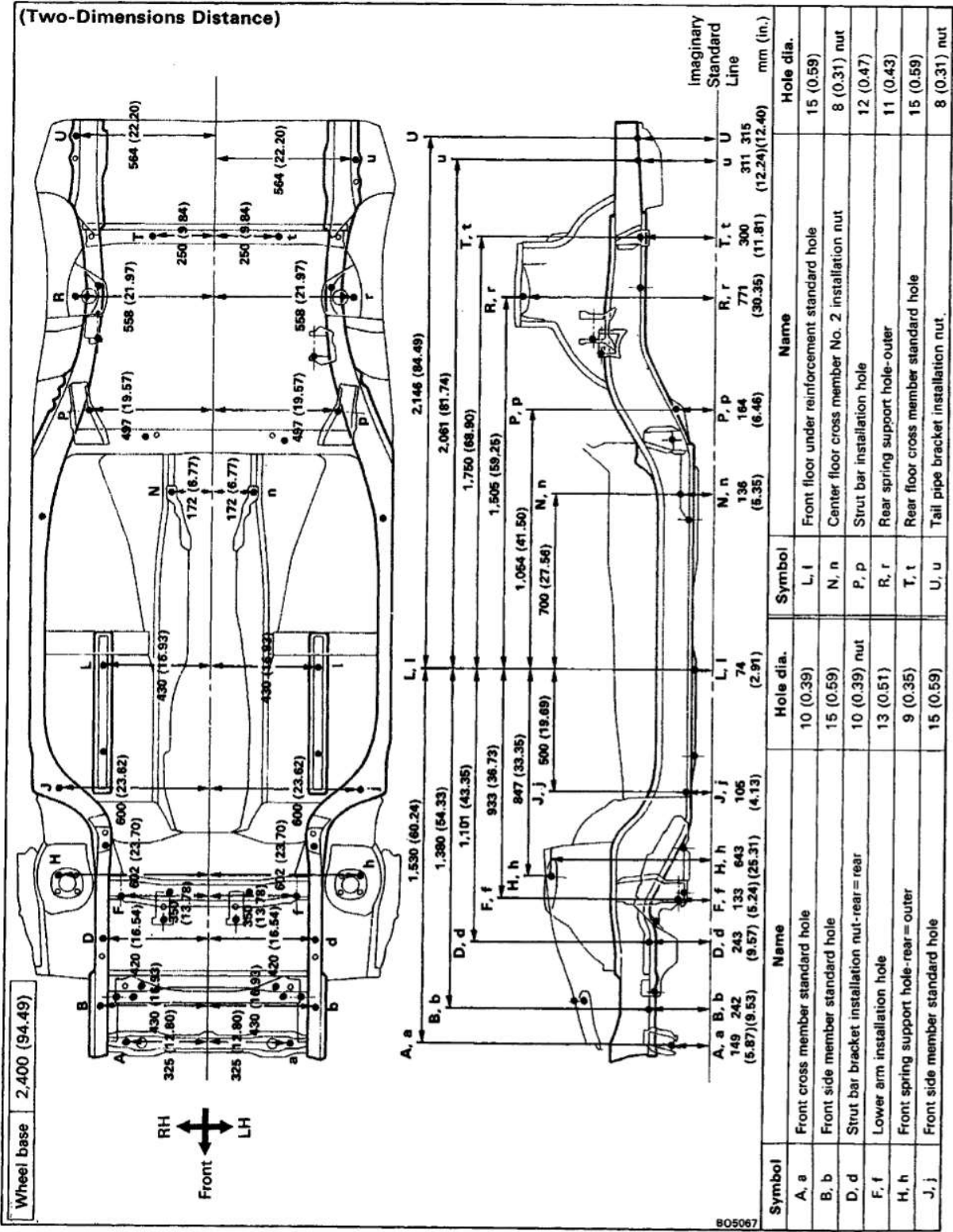
UNDER BODY(Con'd)



V00859

BODY – BODY DIMENSIONS

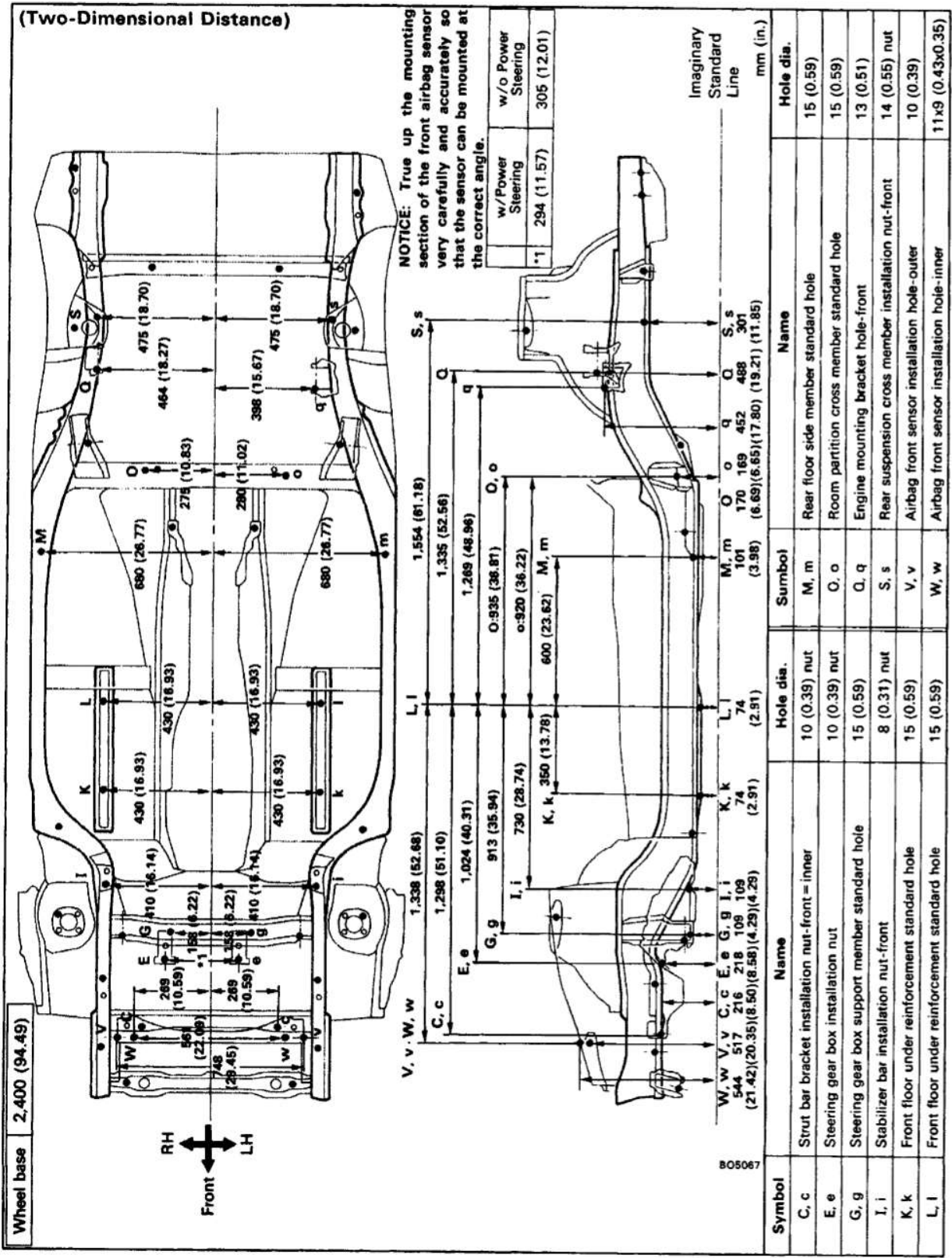
UNDER BODY(Con'd)



BO-86

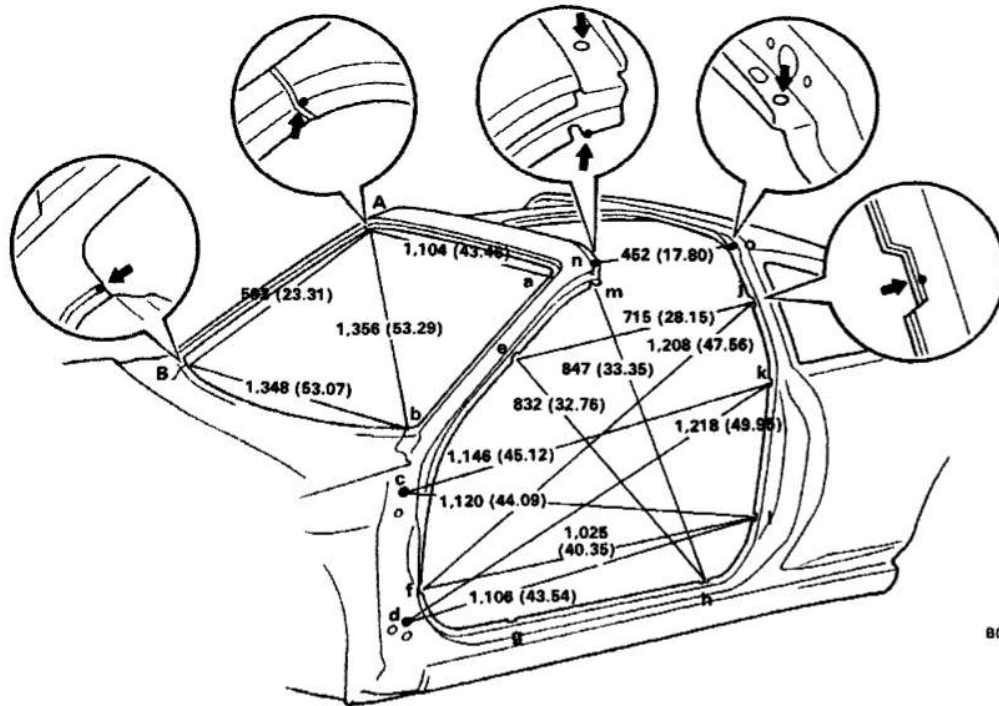
BODY - BODY DIMENSIONS

UNDER BODY(Con'd)



BODY OPNING AREAS (Side View: w/T-Bar Roof)

(Three-Dimensional Distance)



805068

Vehicle Dimensions Left ↔ Right

E-e	F-f	G-g	H-h	J-j	K-k	L-l	M-m	N-n	O-o
1,253 (49.33)	1,402 (55.02)	1,444 (56.85)	1,444 (56.85)	1,233 (48.54)	1,378 (54.25)	1,412 (55.59)	1,101 (43.35)	1,039 (40.91)	1,065 (41.93)

HINT: For symbols, capital letters indicate right side of vehicle, small letters indicate left side of vehicle (Seen for rear).

E-g or e-G	E-h or e-H	E-j or e-J	F-g or f-G	F-l or f-L	G-h or g-H	G-j or g-J	H-j or h-J	H-k or h-K	H-m or h-M	J-l or j-L	J-m	J-M	N-o or n-O
1,510 (59.45)	1,581 (62.24)	1,434 (56.46)	1,455 (57.28)	1,741 (68.54)	1,545 (60.83)	1,713 (67.44)	1,540 (60.63)	1,515 (59.65)	1,519 (59.80)	1,433 (56.42)	1,258 (49.53)	1,257 (49.49)	1,145 (45.08)

mm (in.)

Symbol	Name	Hole dia.
A, a	Roof panel/Front body pillar adjoining portion	-
B, b	Front body pillar/Cowl panel adjoining portion	-
C, c	Front door hinge installation nut	8 (0.31) nut
D, d	Front door hinge installation nut	8 (0.31) nut
E, e	Front body pillar assembly mark	-
F, f	Front body pillar assembly mark	-
G, g	Rocker panel assembly mark	-
H, h	Rocker panel assembly mark	-
J, j	Quarter panel assembly mark	-
K, k	Quarter panel assembly mark	-
L, l	Quarter panel assembly mark	-
M, m	Front body pillar cut-out portion	-
N, n	Removable roof weatherstrip installation hole	7 (0.28)
O, o	Removable roof weatherstrip installation hole	7 (0.28)

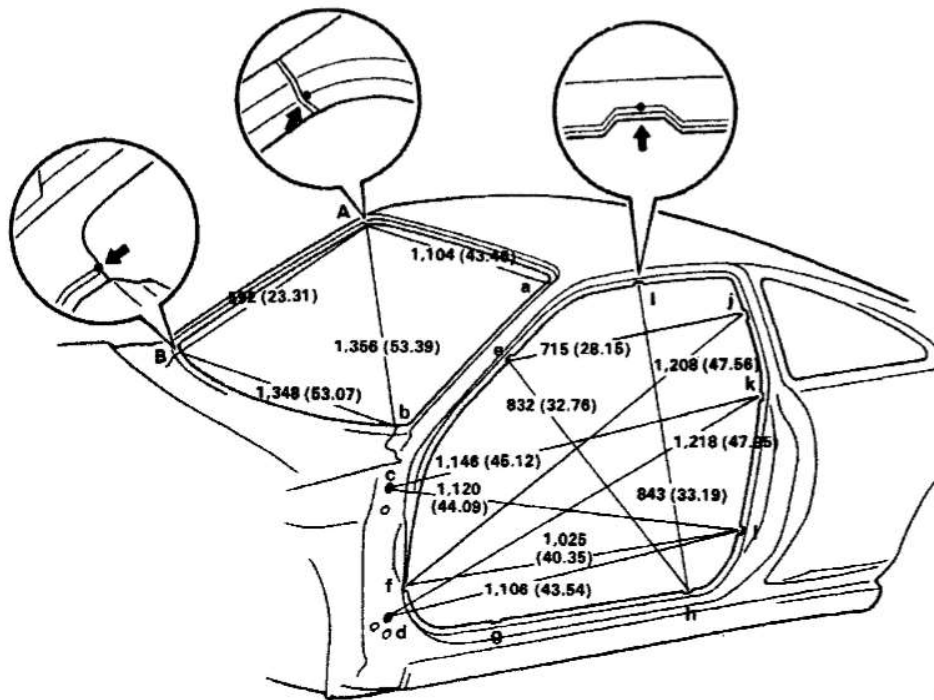
V00862

BO-88

BODY - BODY DIMENSIONS

BODY OPNING AREAS (Side View: w/o T-Bar Roof)

(Three-Dimensional Distance)



BO5069

Vehicle Dimensions Left ↔ Right

E-e	F-f	G-g	H-h	I-i	J-j	K-k	L-l
1,253 (49.33)	1,402 (55.20)	1,444 (56.85)	1,444 (56.85)	1,078 (42.44)	1,233 (48.54)	1,378 (54.25)	1,412 (55.59)

HINT: For symbols, capital letters indicate right side of vehicle, small letters indicate left side of vehicle (See for rear).

E-g or e-G	E-h or e-H	E-j or e-J	E-l or e-L	F-g or f-G	F-l or f-L	G-h or g-H	G-j or g-J	H-i or h-I	H-j or h-J	H-k or h-K	J-l or j-L
1,510 (59.45)	1,581 (62.24)	1,434 (56.46)	1,579 (62.17)	1,455 (57.28)	1,741 (68.54)	1,545 (60.83)	1,713 (67.44)	1,506 (59.29)	1,540 (60.23)	1,515 (59.65)	1,433 (56.42)

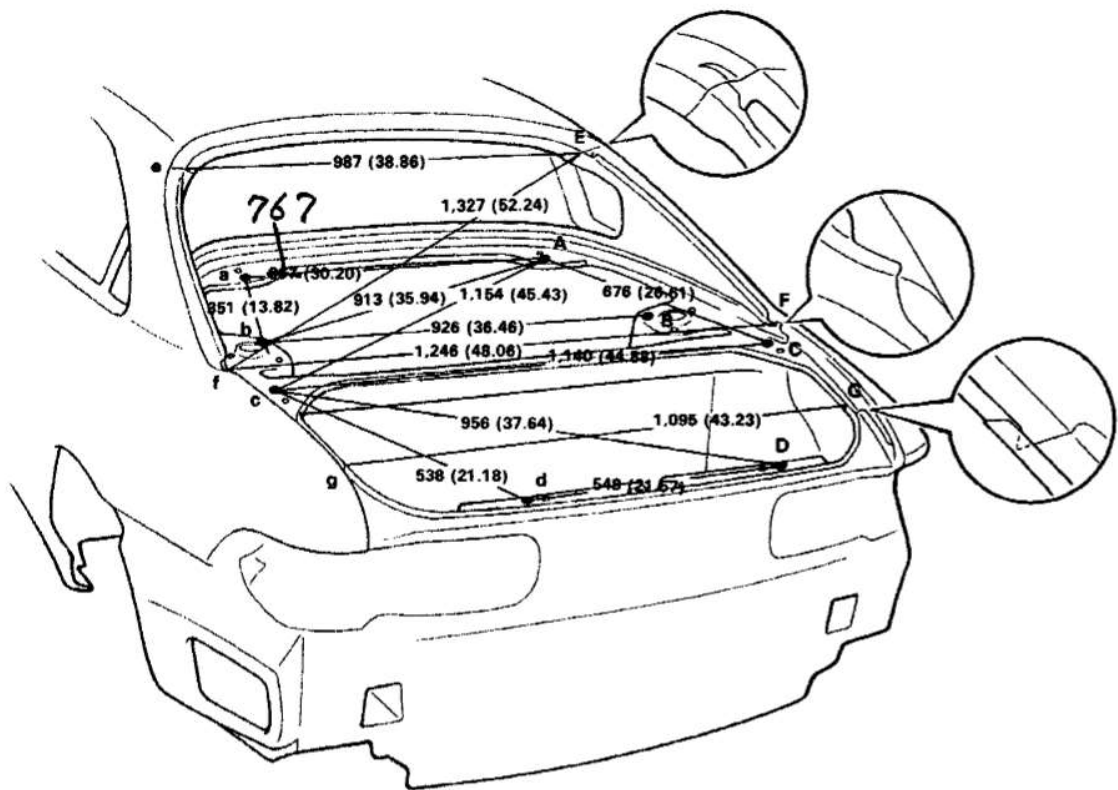
mm (in.)

Symbol	Name	Hole dia.
A, a	Roof panel/Front body pillar adjoining portion	-
B, b	Front body pillar/Cowl panel adjoining portion	-
C, c	Front door hinge installation nut	8 (0.31) nut
D, d	Front door hinge installation nut	8 (0.31) nut
E, e	Front body pillar assembly mark	-
F, f	Front body pillar assembly mark	-
G, g	Rocker panel assembly mark	-
H, h	Rocker panel assembly mark	-
I, i	Roof side rail assembly mark	-
J, j	Quarter panel assembly mark	-
K, k	Quarter panel assembly mark	-
L, l	Quarter panel assembly mark	-

V00863

BODY OPNING AREA(Rear View)

(Three-Dimensional Distance)



BO5070

Symbol	Name	Hole dia.
A, a	Engine hood hinge installation hole-rear	12 (0.47)
B, b	Rear sping support hole-inner = front	11 (0.43)
C, c	Luggage door hinge installation hole-front	9 (0.35)
D, d	Luggage finish plate installation hole	8.5 (0.335)
E, e	Roof panel/Roof side panel adjoining portion	-
F, f	Roof side panel/Quarter panel adjoining portion	-
G, g	Luggage opening trough/Quarter panel adjoining portion	-

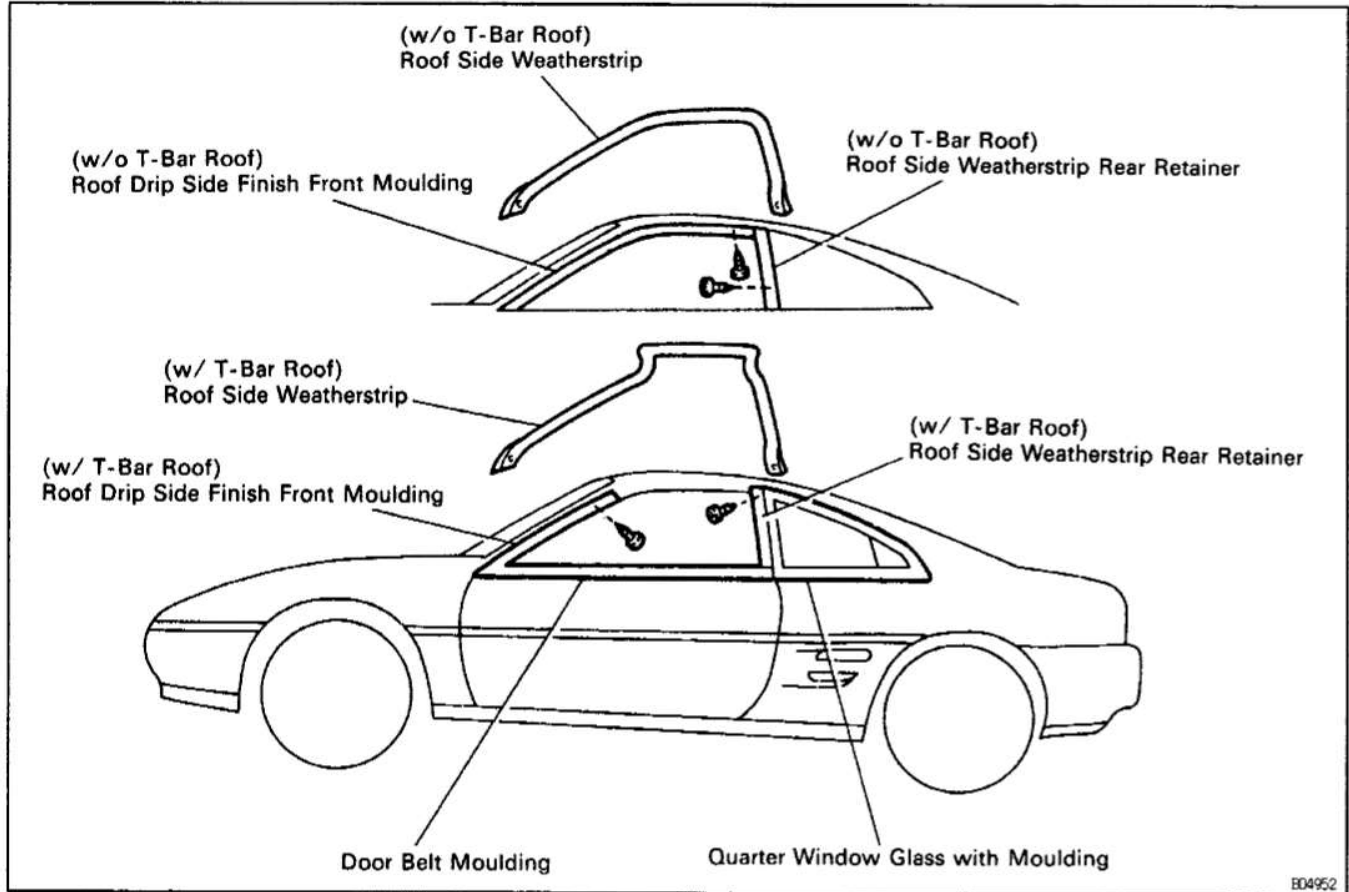
V00864

BO-32

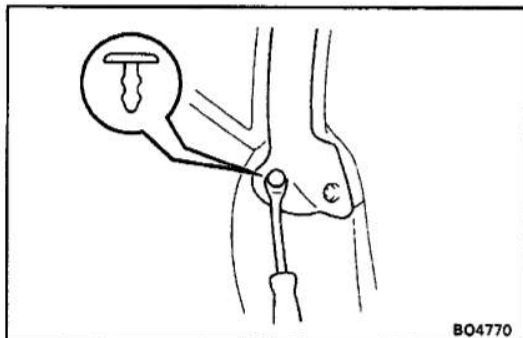
BODY - BODY OUTSIDE MOULDING

BODY OUTSIDE MOULDING COMPONENTS

B00BK-01



B04952



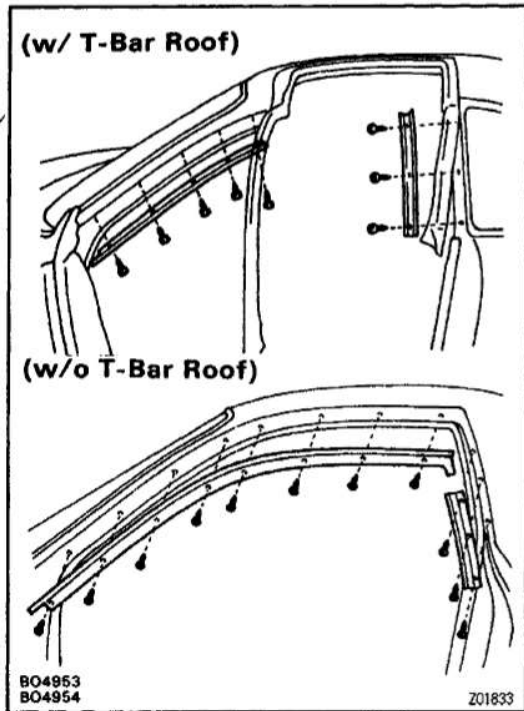
B04770

ROOF DRIP MOULDING REMOVAL

B00BL-01

1. REMOVE ROOF SIDE WEATHERSTRIP

- (a) Using the clip remover, remove four clips from the weatherstrip.
- (b) Remove the weatherstrip from the moulding and the retainer.



2. REMOVE ROOF DRIP SIDE FINISH FRONT MOULDING

(w/ T-Bar Roof)

Remove five screws and the moulding.

(w/o T-Bar Roof)

Remove eight screws and the moulding.

3. REMOVE ROOF SIDE WEATHERSTRIP REAR RETAINER

Remove three screws and the retainer.

100184-011

ROOF DRIP MOULDING INSTALLATION

1. INSTALL ROOF SIDE WEATHERSTRIP REAR RETAINER

Install the retainer with three screws.

2. INSTALL ROOF DRIP SIDE FINISH FRONT MOULDING

(w/ T-Bar Roof)

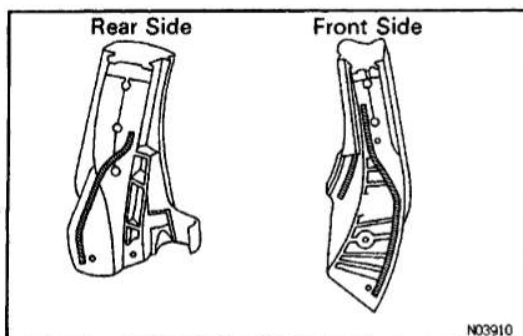
Install the moulding with five screws.

(w/o T-Bar Roof)

Install the moulding with eight screws.

3. CLEAN BODY

Wipe off any adhesive left on the body with cleaner. ^

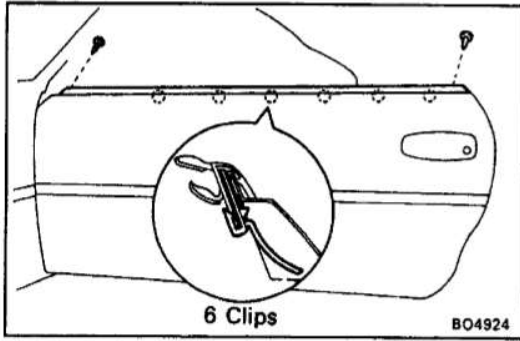


4. INSTALL ROOF SIDE WEATHERSTRIP

(a) Install the seal to the weatherstrip as shown.

(b) Install the weather strip to the moulding and the retainer.

(c) Install four clips.

BO-34**BODY – BODY OUTSIDE MOULDING****DOOR BELT MOULDING REMOVAL**

BO08N-01

1. REMOVE FRONT DOOR COMPONENTS PARTS:
(See steps 1, 2, 3, 4, 5, 6, 11, 12 and 14 on pages [BO-16](#) to [BO-19](#))
2. REMOVE DOOR BELT MOULDING
(See step 15 on page [BO-19](#))

DOOR BELT MOULDING INSTALLATION

1. INSTALL DOOR BELT MOULDING
(See step 12 on page [BO-23](#))
2. INSTALL FRONT DOOR COMPONENT PARTS:
(See steps 13, 15, 16, 24, 25, 26, 27, 28 and 29 on pages [BO-23](#) to [BO-27](#))

QUARTER WINDOW GLASS WITH MOULDING REMOVAL

BO08Q-01

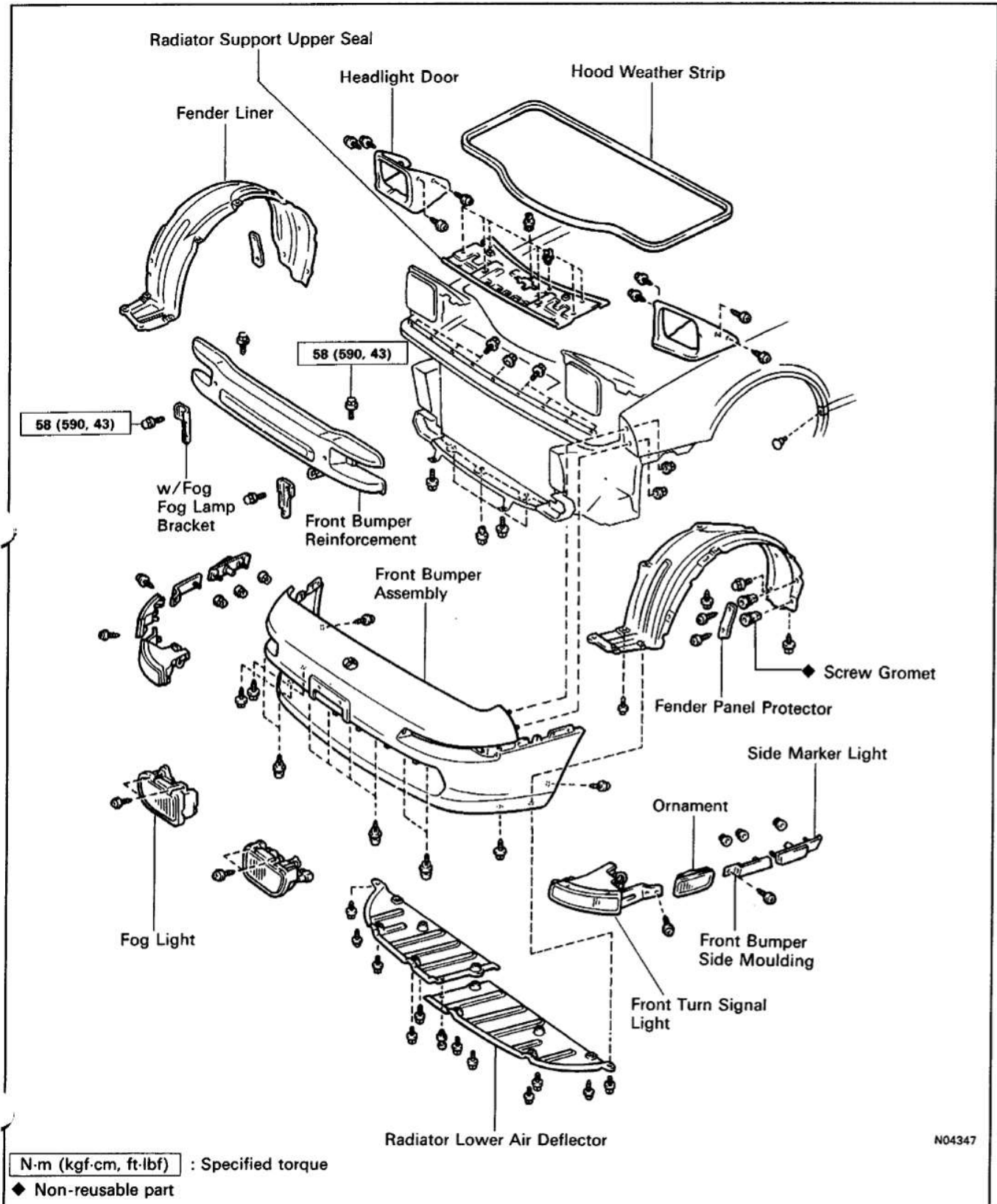
(See steps 1 to 10 on pages [BO-47](#) to [BO-49](#))**QUARTER WINDOW GLASS WITH MOULDING INSTALLATION**

BO08R-01

(See steps 1 to 12 on pages [BO-49](#) to [BO-50](#))

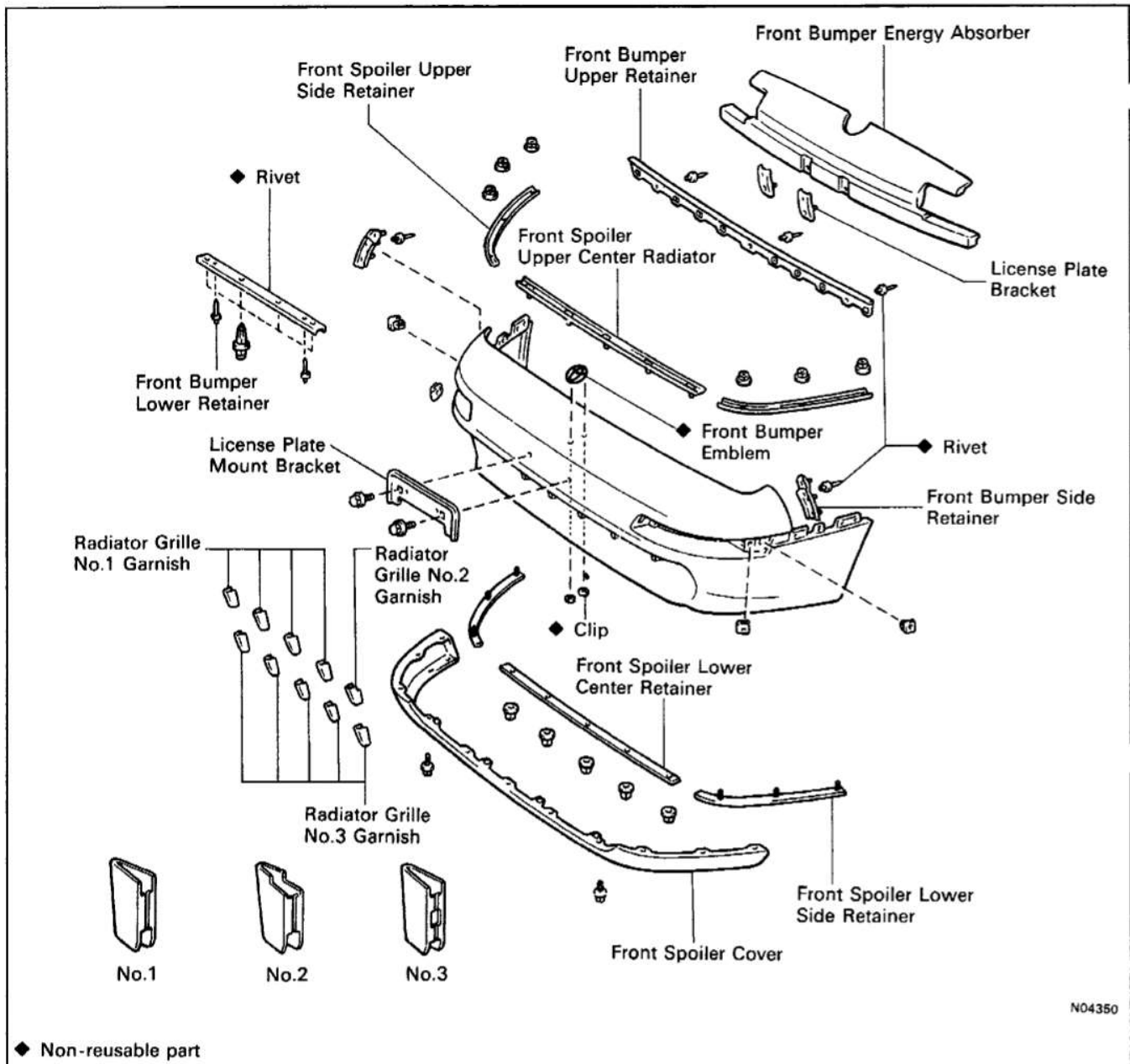
FRONT BUMPER COMPONENTS

B0085-01



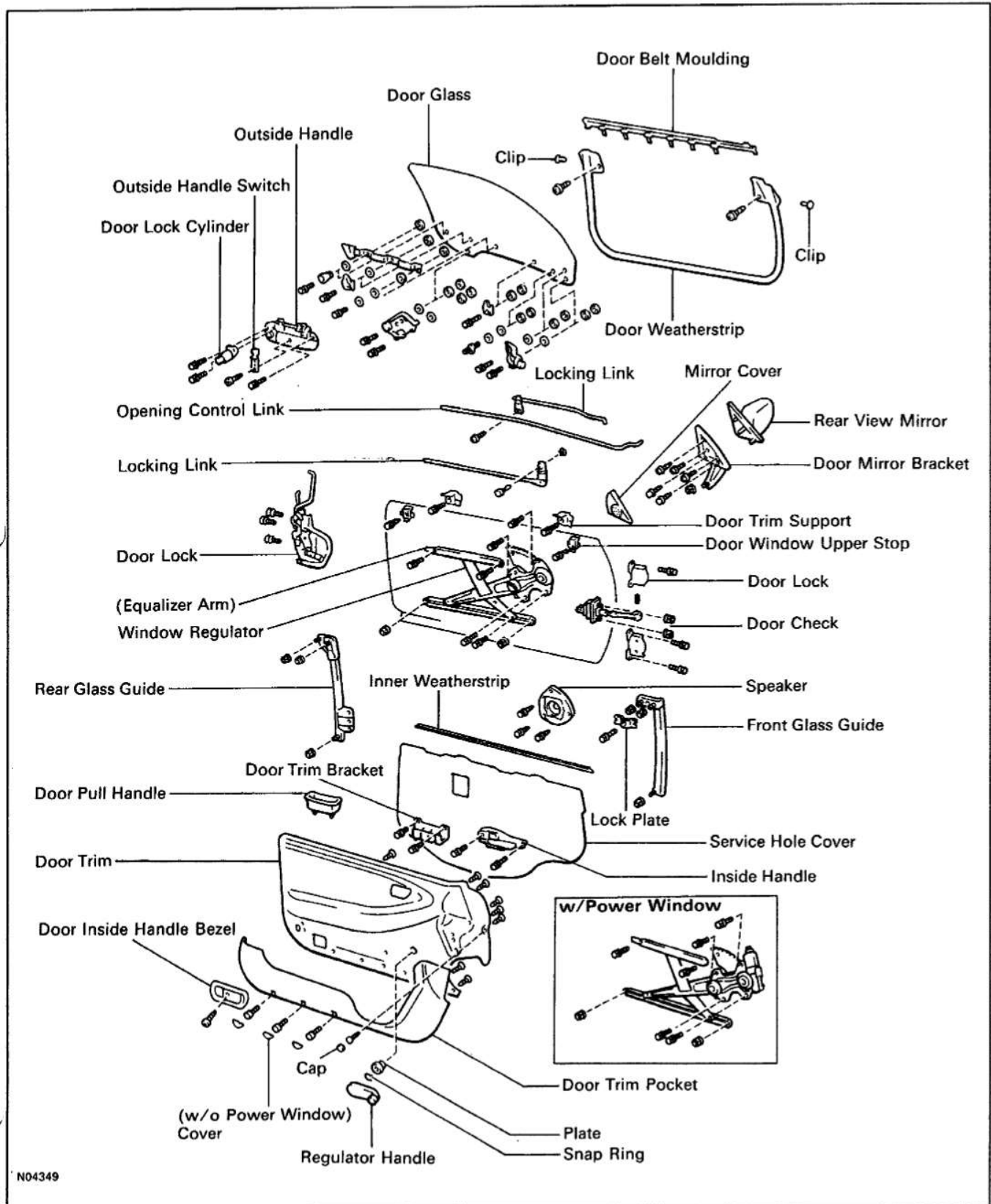
BO-10

BODY - FRONT BUMPER



FRONT DOOR COMPONENTS

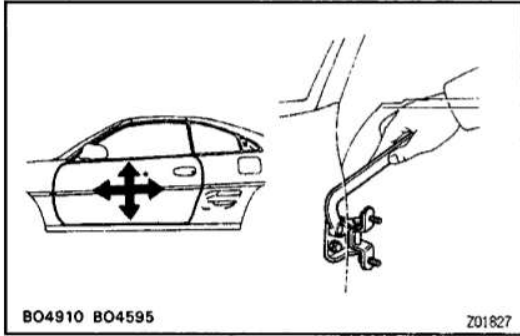
80089-01



N04349

BO-16

BODY - FRONT DOOR



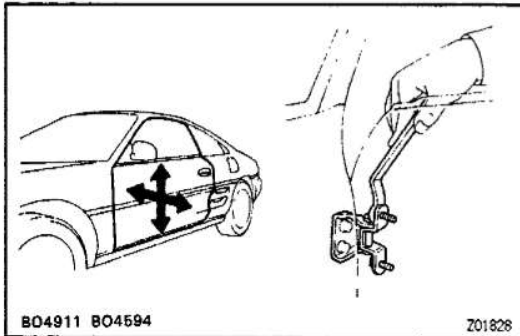
FRONT DOOR ADJUSTMENT

BO08A-01

1. ADJUST DOOR IN FORWARD/ REARWARD AND VERTICAL DIRECTIONS

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

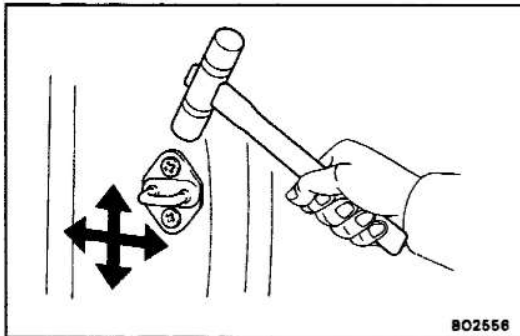
SST 09812 - 00010



2. ADJUST DOOR IN LEFT/RIGHT AND VERTICAL DIRECTIONS

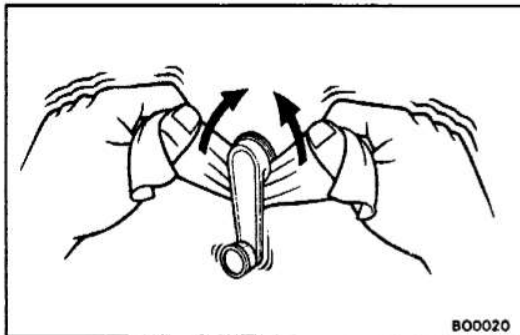
Loosen the door side hinge bolts to adjust.

HINT: Substitute the bolt for the centering bolt. (See page [BO-12](#))



3. ADJUST DOOR LOCK STRIKER

- Check that the door fit and door lock linkages are adjusted correctly.
- Loosen the striker mounting screws to adjust.
- Using a plastic hammer, tap the striker to adjust it.



FRONT DOOR DISASSEMBLY

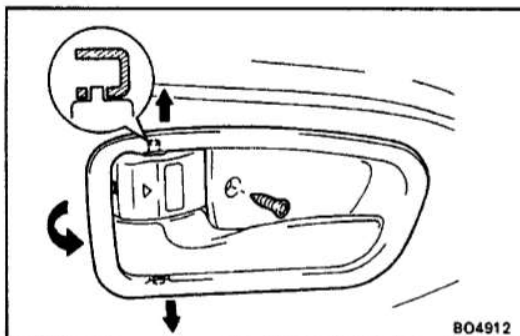
BO08B-01

(See page [BO-15](#))

1. (w/o Power Window)

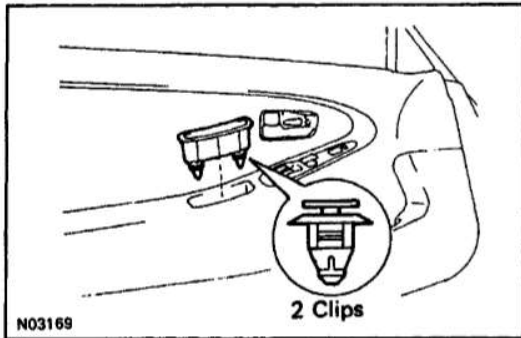
REMOVE REGULATOR HANDLE

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



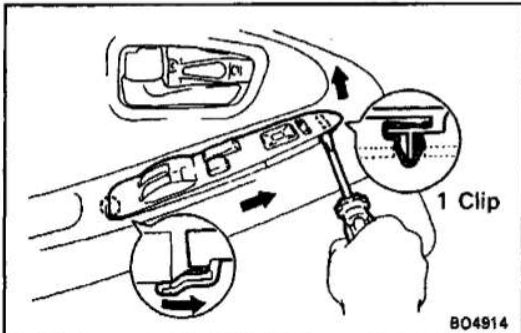
2. REMOVE DOOR INSIDE HANDLE BEZEL

Remove the screw and pull the inside handle bezel.



3. REMOVE DOOR PULL HANDLE

Remove the pull handle by pulling.



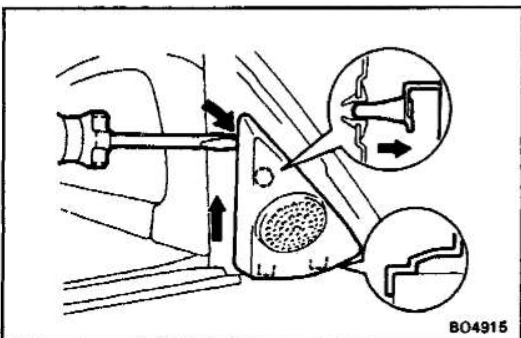
4. (w/ Power Window)

REMOVE ARMREST PEDAL

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

HINT: Tape the screwdriver tip before use.

- (b) Slide the armrest panel forward to remove it, then disconnect the connectors.

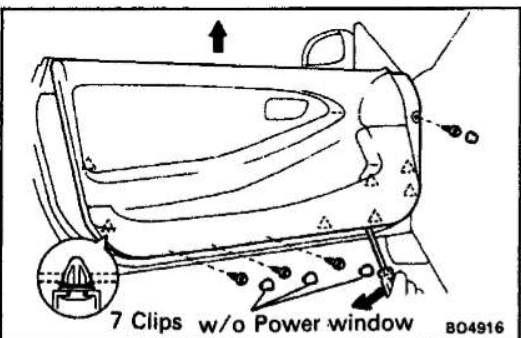


5. REMOVE MIRROR COVER

- (a) Insert the screwdriver between the cover and the bracket to pry out.

HINT: Tape the screwdriver tip before use.

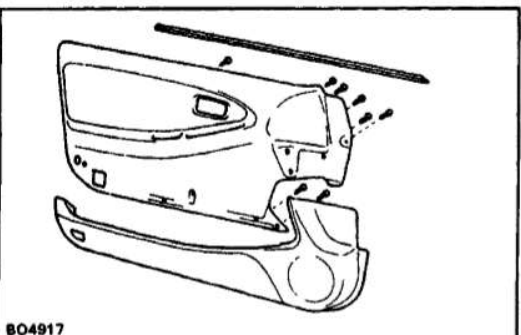
- (b) Pull the cover upward to remove it.

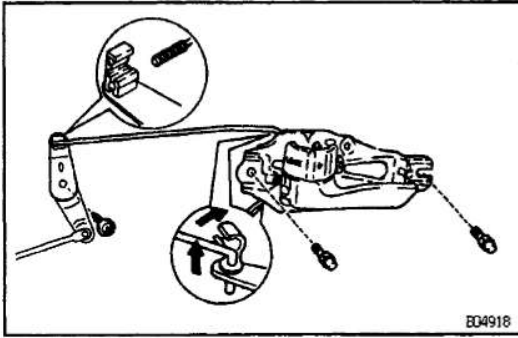


6. REMOVE DOOR TRIM

HINT: Tape the screwdriver tip before use.

- (a) Using the screwdriver, remove the screw cap.
- (b) (w/o Power Window)
Using the screwdriver, remove three covers.
- (c) Remove four bolts.
- (d) Insert the screwdriver between the door and the door trim to pry out.
- (e) Pull the trim upward to remove it.
- (f) (w. Door Courtesy Light)
Disconnect the connector.
- (g) Remove eight screws and the door trim pocket from the door trim.
- (h) Remove inner weatherstrip from the door trim.

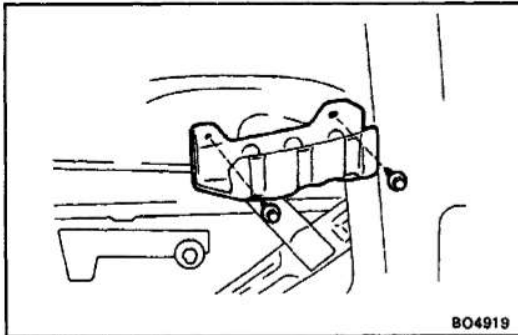


BO-18**BODY – FRONT DOOR****7. REMOVE DOOR INSIDE HANDLE**

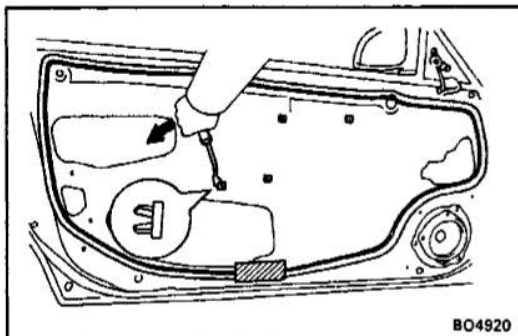
- (a) Remove two bolts.
- (b) Disconnect two links from the inside handle.

8. REMOVE LOCKING LINK

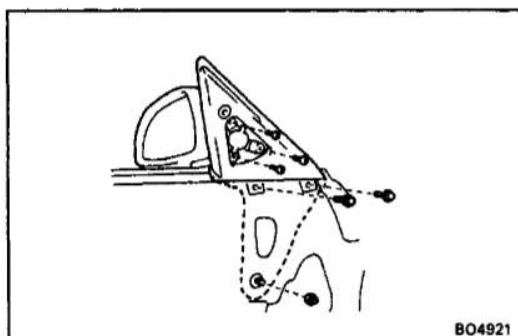
Remove the screw and the locking link.

**9. REMOVE DOOR TRIM BRACKET**

Remove two bolts and the bracket.

**10. REMOVE SERVICE HOLE COVER**

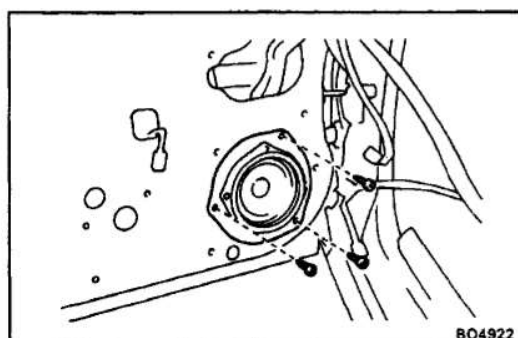
- (a) Using the clip remover, remove four screw grommets.
- (b) Remove service hole cover.

**11. REMOVE REAR TRIM MIRROR**

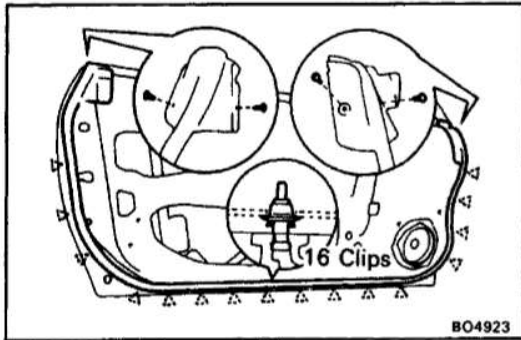
- (a) (w/ Remote Control Mirror)
Disconnect the connector.
- (b) Remove three screws and the mirror.

12. REMOVE DOOR MIRROR BRACKET

- (a) Remove two bolts and the nut.
- (b) Pull the bracket to remove it.

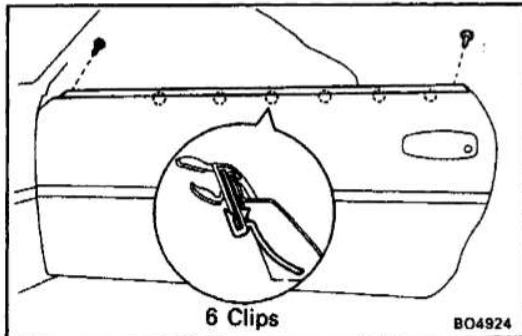
**13. REMOVE SPEAKER**

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

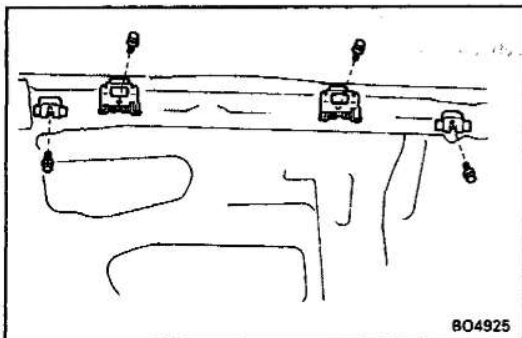
**14. REMOVE DOOR WEATHERSTRIP**

- (a) Remove two screws and two clips.
- (b) While pulling the weatherstrip by hand, remove the clips using the clip remover.

HINT: Do not pull strongly on the weather strip as it may tear.

**15. REMOVE DOOR BELT MOULDING**

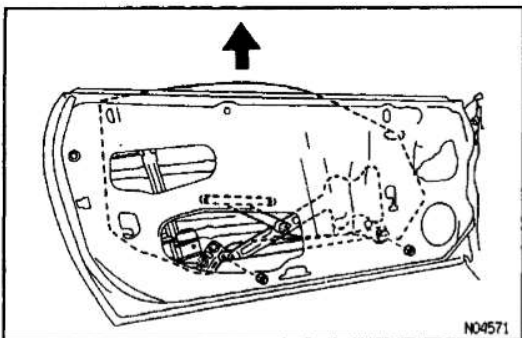
- (a) Remove the screw from the front edge of the moulding.
- (b) Remove the clip from the rear edge of the moulding.
- (c) Pry out the clips from the edge of the moulding and remove the door belt moulding.

**16. REMOVE DOOR WINDOW UPPER STOP**

Remove two bolts and two upper stops.

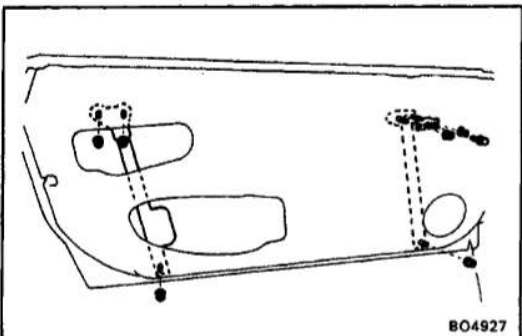
17. REMOVE DOOR TRIM SUPPORT

Remove two bolts and two trim supports.

**18. REMOVE DOOR GLASS**

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

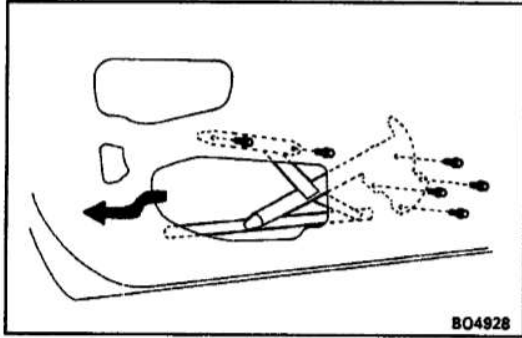
- (a) Remove two glass mounting nuts.
- (b) Remove the door glass by pulling it upward.

**19. REMOVE FRONT GLASS GUIDE**

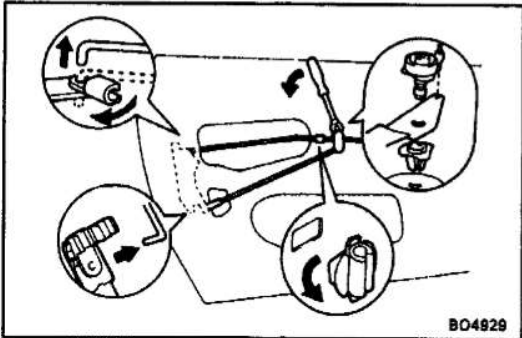
- (a) Remove the bolt and the lock plate.
- (b) Remove three nuts from the guide.
- (c) Pull out the guide upward from the panel.

20. REMOVE REAR GLASS GUIDE

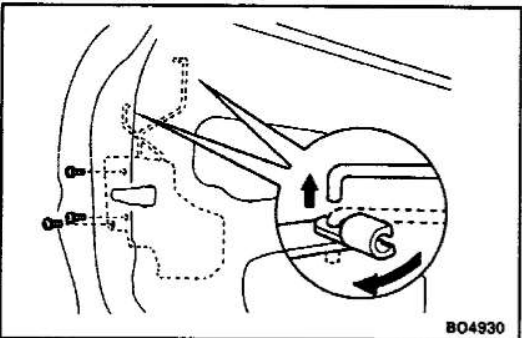
- (a) Remove three nuts from the guide.
- (b) Pull out the guide upward from the panel.

BO-20**BODY - FRONT DOOR****21. REMOVE WINDOW REGULATOR**

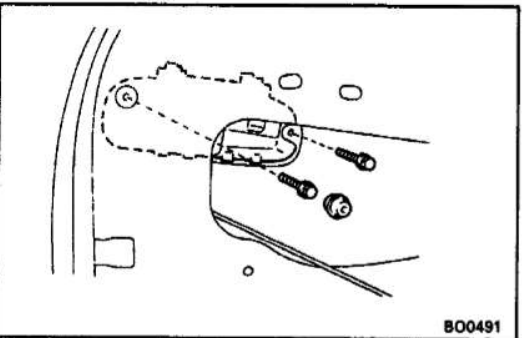
- (a) (w/ Power Window)
Disconnect the connector.
- (b) Remove two equalizer arm bracket mounting bolts.
- (c) Remove four regulator mounting bolts.
- (d) Remove the regulator through the service hole.

**22. REMOVE LOCKING AND OPENING CONTROL LINK**

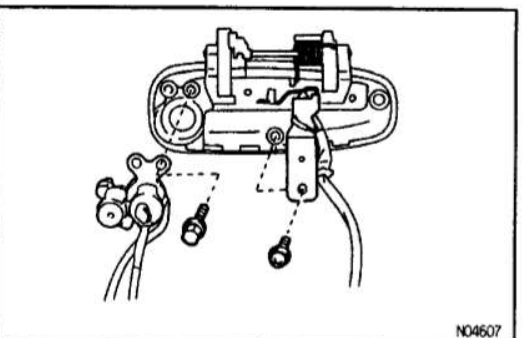
- (a) Disconnect two links from the door lock.
- (b) Using the clip remover, remove the intermediate clip.
- (c) Remove the locking and opening control link.
- (d) Turn the clip, then pull it out.

**23. REMOVE DOOR LOCK**

- (a) Disconnect two links from the outside handle and the door lock cylinder.
- (b) (w/ Power Door Lock)
Disconnect the connector
- (c) Remove three screws
- (d) Remove the door lock through the service hole

**24. REMOVE OUTSIDE HANDLE WITH DOOR LOCK CYLINDER**

- (a) Remove the cushion.
- (b) Remove two bolts and outside handle with the lock cylinder.
- (c) (w/ Power Door Lock)
Disconnect the connector.
- (d) (w/ Door Key Cylinder Illumination Light)
Disconnect the connector-.

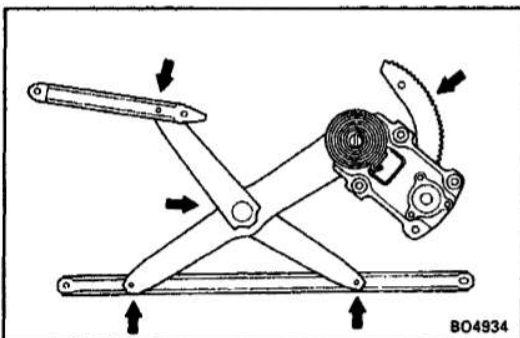
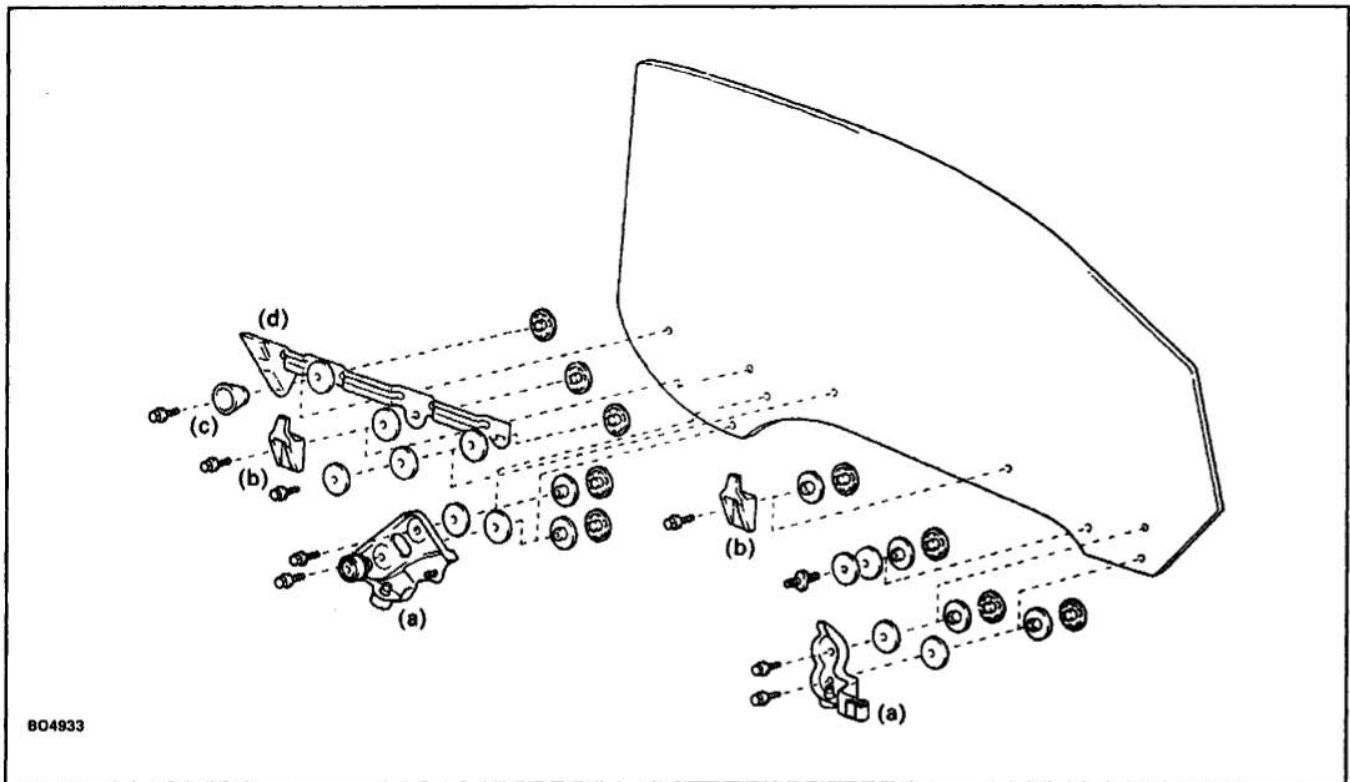
**25. REMOVE DOOR LOCK CYLINDER**

- (a) (w/ Door Key Cylinder Illumination Light)
Remove the bolt and the outside handle switch from the outside handle.
- (b) Remove the bolt and the lock cylinder from the outside handle.

GLASS REPLACEMENT

REMOVE FOLLOWING PARTS

- (a) Door glass brackets
- (b) Stabilizers
- (c) Stopper
- (d) Door glass plate



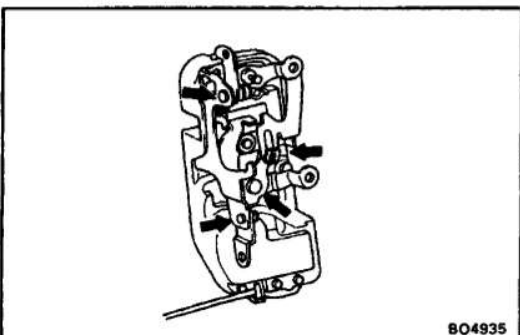
FRONT DOOR ASSEMBLY

(See page [BO-15](#))

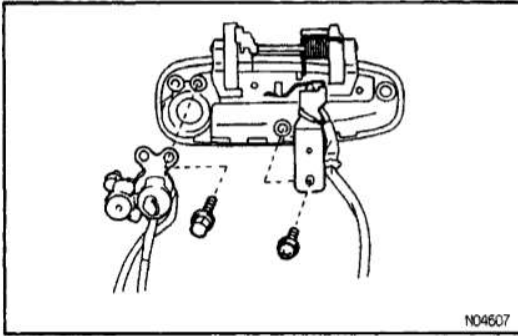
1. BEFORE INSTALLING PARTS, COAT THEM WITH MP GREASE

- (a) Apply MP grease to the sliding surface and gears of the window regulator.

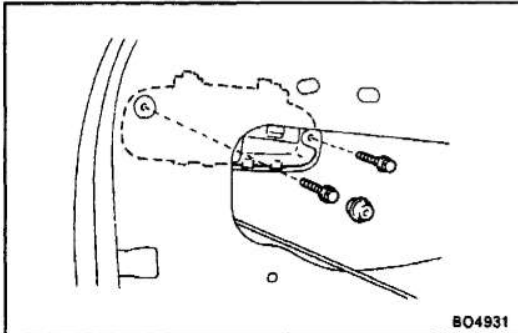
NOTICE: Do not apply MP grease to the spring of the window regulator.



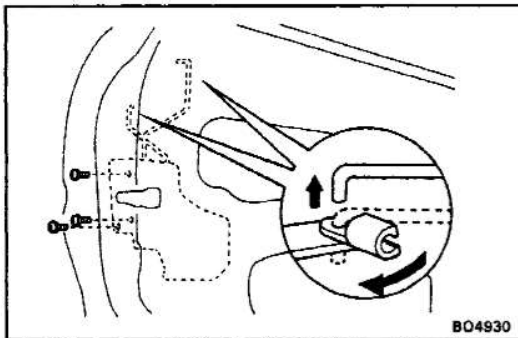
- (b) Apply MP grease to the sliding surface of the door lock.

BO-22**BODY - FRONT DOOR****2. INSTALL LOCK CYLINDER**

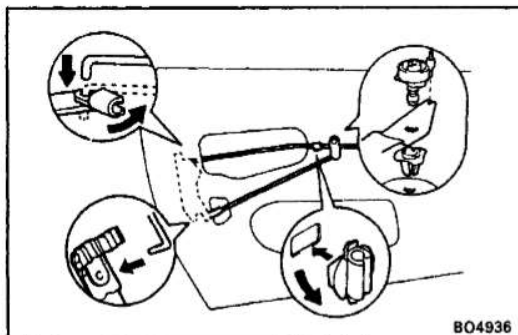
- (a) Insert the lock cylinder with the bolt to the outside handle.
- (b) (w/ Door Key Cylinder Illumination Light)
Install the outside handle switch with the bolt to the outside handle.

**3. INSTALL OUTSIDE HANDLE WITH DOOR LOCK CYLINDER**

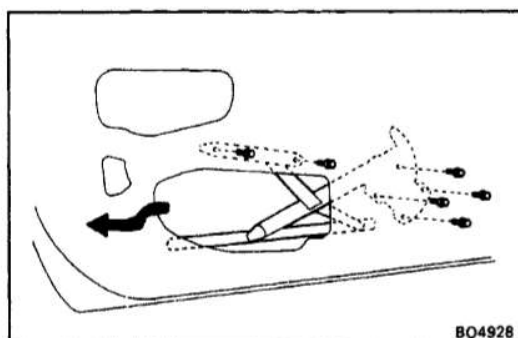
- (a) Install the outside handle with lock cylinder with two bolts.
- (b) Install the cushion.
- (c) (w/ Power Door Lock)
Connect the connector.
- (d) (w/ Door Key Cylinder Illumination Light)
Connect the connector.

**4. INSTALL DOOR LOCK**

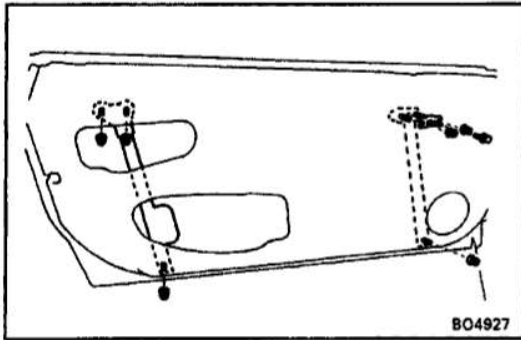
- (a) Install the door lock with three screws.
- (b) (w/ Power Door Lock)
Connect the connector.
- (c) Connect two links to the outside handle and the door lock cylinder.

**5. INSTALL LOCKING AND OPENING CONTROL LINK**

- (a) Install the clips, and the locking and opening control link.
- (b) Connect two links to the door lock.

**6. INSTALL WIND REGULATOR**

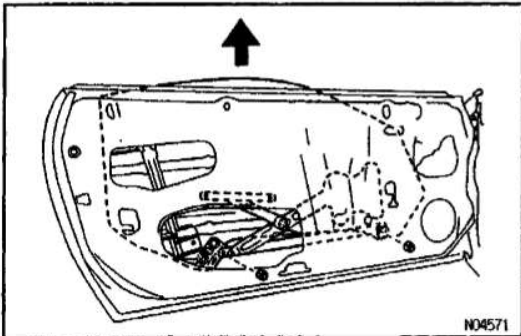
- (a) Place the regulator through the service hole.
- (b) Install four regulator mounting bolts.
- (c) Temporarily tighten two equalizer arm bracket bolts.
- (d) (w/ Power Window)
Connect the connector.

**7. INSTALL REAR GLASS GUIDE**

Install the rear glass guide with the lower nut and temporarily tighten two upper nuts.

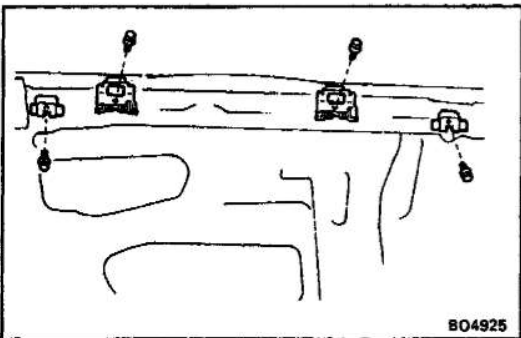
8. INSTALL FRONT GLASS GUIDE

- (a) Install the front glass guide with the lower nut and temporarily tighten two upper nuts.
- (b) Install the lock plate and temporarily tighten the bolt.

**9. INSTALL DOOR GLASS**

- (a) Insert the glass to the glass guides.
- (b) Install the glass to the regulator with two glass mounting nuts.

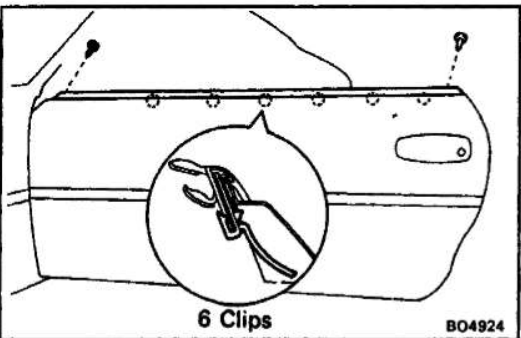
HINT: Insert a shop rag inside the panel to prevent scratching the glass.

**10. INSTALL DOOR TRIM SUPPORT**

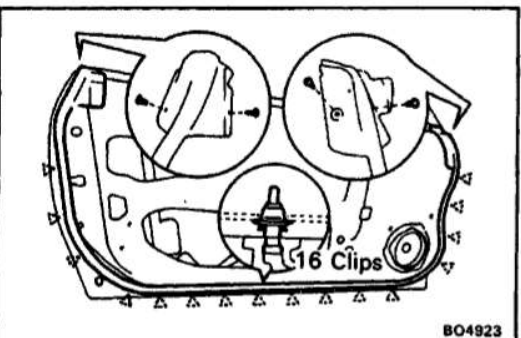
Install two trim supports and temporarily tighten two bolts.

11. INSTALL DOOR WINDOW UPPER STOP

Install two upper stops and temporarily tighten two bolts.

**12. INSTALL DOOR BELT MOULDING**

- (a) Insert the claw of the clips into the upper panel slit and push the moulding onto the panel.
- (b) Install the clip and the screw.

**13. INSTALL DOOR WEATHERSTRIP**

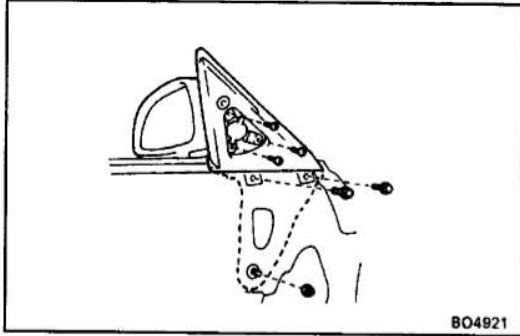
- (a) Install the weatherstrip with clips to the panel.
- (b) Install two clips and two screws.

14. INSTALL SPEAKER

- (a) Connect the connector.
- (b) Install the speaker with three screws.

BO-24

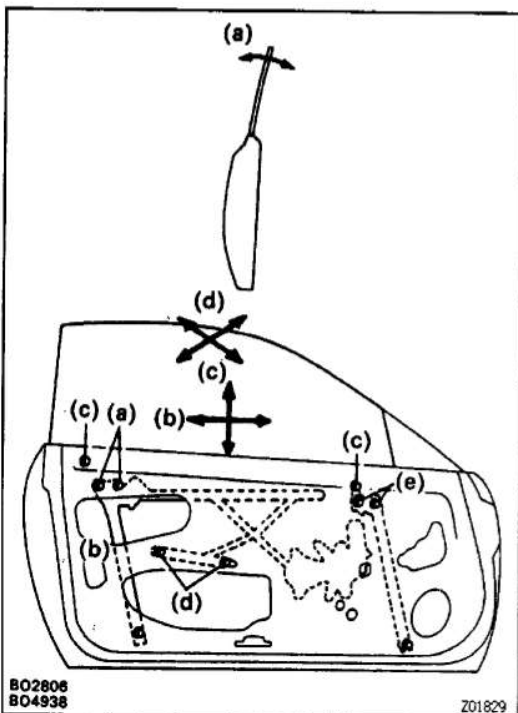
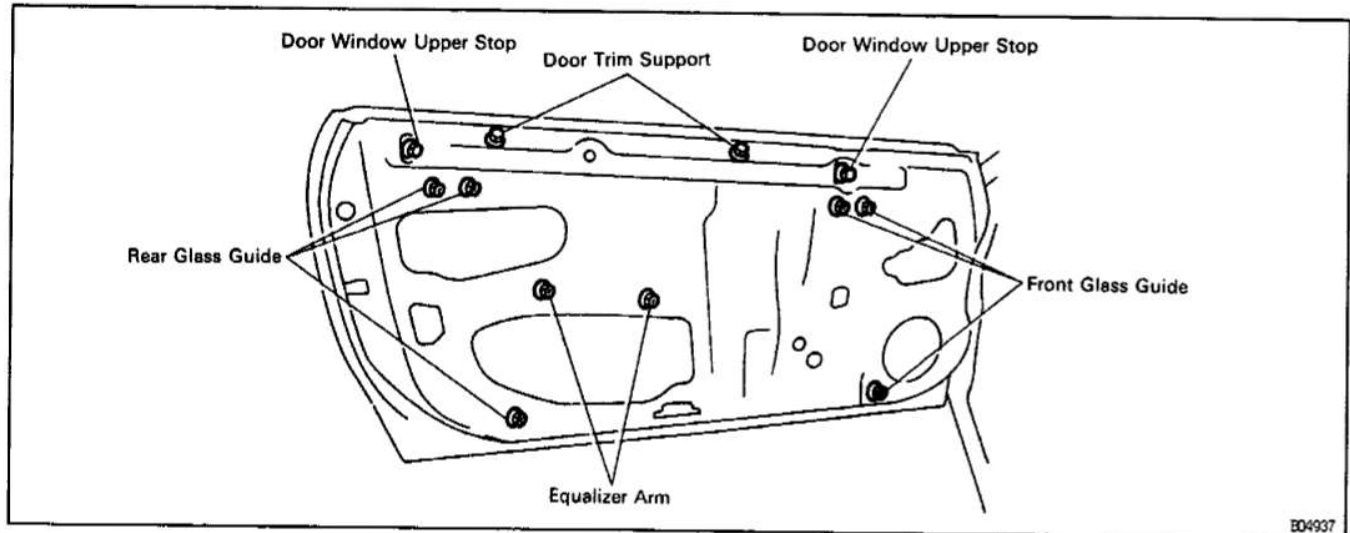
BODY - FRONT DOOR

**15. INSTALL DOOR MIRROR BRACKET**

- (a) Place the bracket in the panel.
- (b) Install the nut and two bolts.

16. INSTALL REAR VIEW MIRROR

- (a) Install the mirror with three screws.
- (b) (w/ Remove Control Mirror)
Connect the connector.

17. ADJUST DOOR GLASS**[In left/right direction –upperside of glass]**

Using a hexagon wrench, adjust the stud bolts (a) of the rear glass guide. For example, if you turn right both stud bolts, the upper side of the glass move to outside.

HINT: Turn both stud bolts of the glass guide and equal amount.

[In forward/rearward direction]

Loosen the two nuts and slide the rear glass guide (b) forward or rearward to adjust the glass.

[In vertical direction]

Adjust the door window upper stop (c).

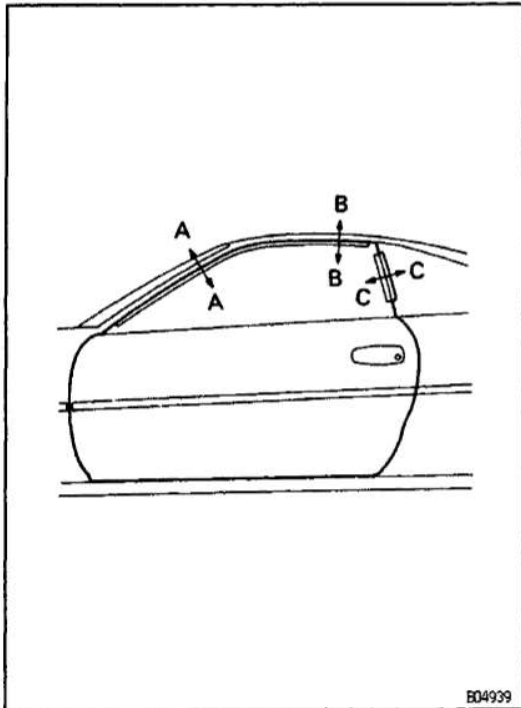
[In lean of forward/rearward –direction]

Adjust the equalizer arm bracket mounting bolts (d).

18. TIGHTEN EACH BOLT, NUT OF EACH PART

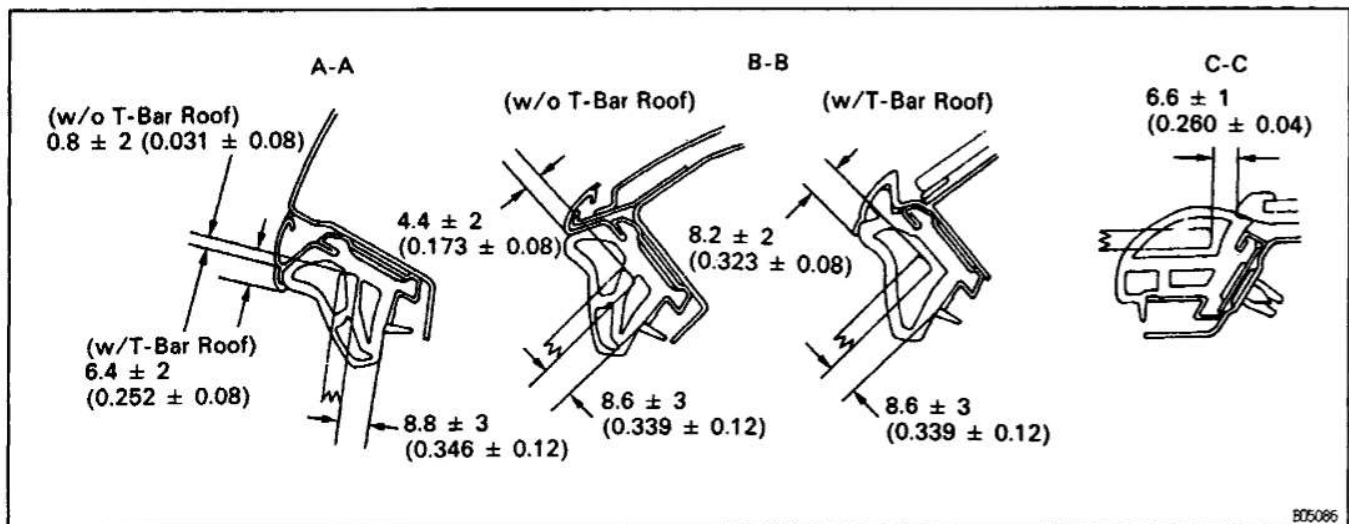
HINT: When installing the front guide, after, adjusting each part, temporarily tighten the two nuts (e) until they touch the inner panel surface.

Then install the lock plate and tighten the bolt.



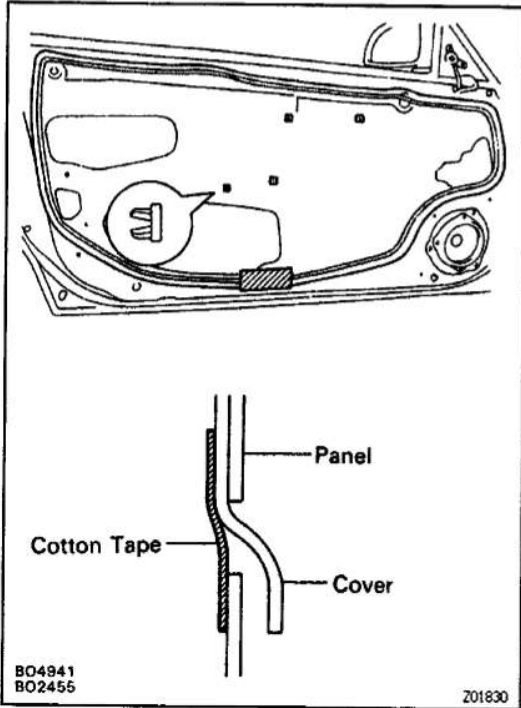
19. CHECK DOOR GLASS

- When you close the door with the glass fully closed, check that the A-A, B-B, C-C, sections are in the same condition as shown in the illustration.
- When you close the door with the glass fully closed, be careful that the glass is not caught in the weatherstrip.
- When you raise up the glass, check that the glass and the roof weatherstrip retainer are parallel and the front and rear door window upper stops touch at the same time.
- When you raise up the glass to the middle, check that the gap of the glass is not big in the door trim support.
- Check that the glass move smoothly.
If the above conditions are not met, readjust the glass.

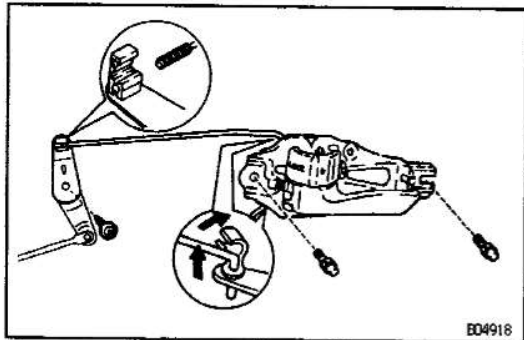


BO-26

BODY - FRONT DOOR

**20. INSTALL SERVICE HOLE COVER**

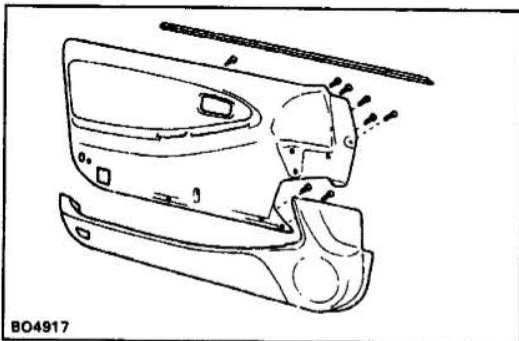
- (a) Seal the service hole cover with adhesive.
HINT: Bring out the link through the service hole cover.
 - (b) Insert the lower edge of the cover into the panel slit.
 - (c) Seal the panel slit with cotton tape.
NOTICE: Do not block the trim clip sealing with the tape.
 - (d) Install four screw grommets.
- 21. INSTALL DOOR TRIM BRACKET**
Install the bracket with two bolts.

**22. INSTALL LOCKING LINK**

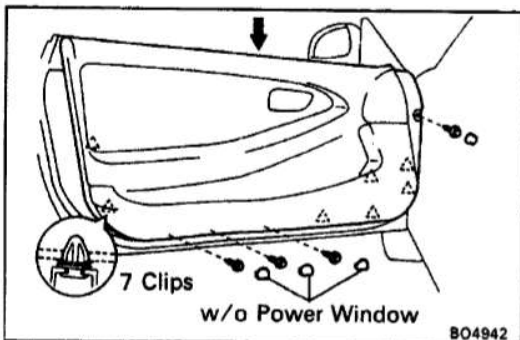
Install the locking link with the screw.

23. INSTALL DOOR INSIDE HANDLE

- (a) Connect two links to the inside handle.
- (b) Install the inside handle with two bolts.

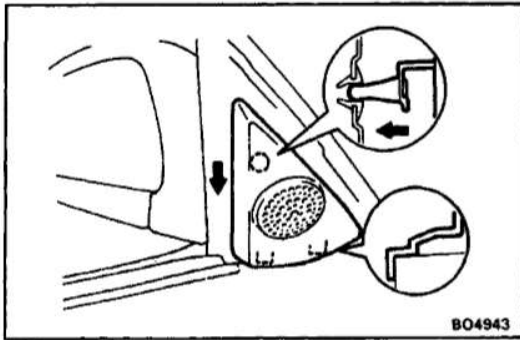
**24. INSTALL DOOR TRIM**

- (a) Install the inner weatherstrip to the door trim.
- (b) Install the door trim pocket with eight screws to the door trim.

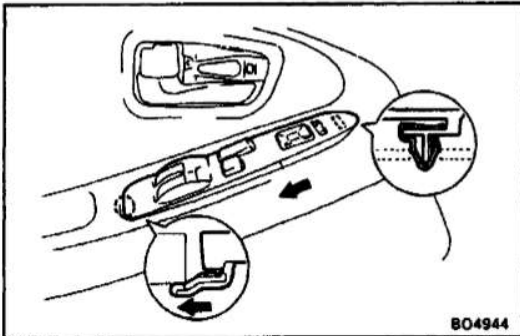


- (c) (w/ Door Courtesy Light)
Connect the connector.
- (d) Insert the upper edge of the trim from above, tap the trim by hand and fix it in place with the clips.
- (e) Install four bolts.
- (f) (w/o Power Window)
Install three covers.
- (g) Install the screw cap.

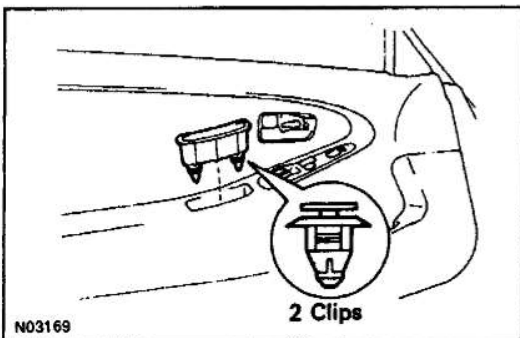
BODY - FRONT DOOR

**25. INSTALL MIRROR COVER**

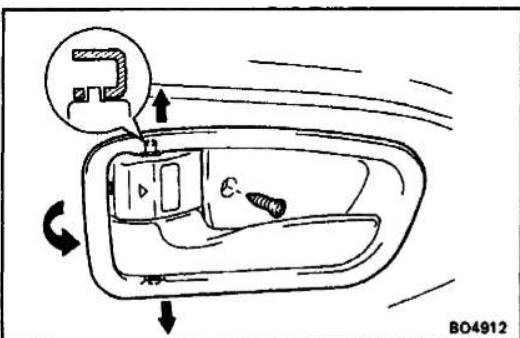
Insert the lower edge of the cover from above, tap the cover to install it.

**26. (w/ Power Window)
INSTALL ARMREST PANEL**

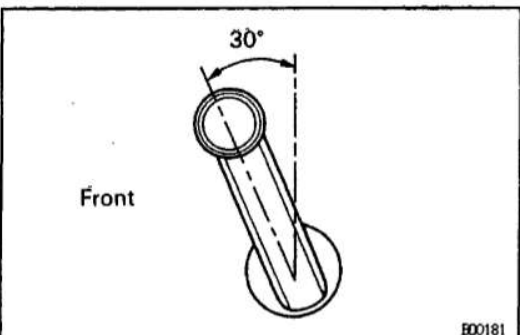
- (a) Connect the connectors.
- (b) Slide the panel rearward and tap the panel to install it.

**27. INSTALL DOOR PULL HANDLE**

Push the pull handle to install it.

**28. INSTALL DOOR INSIDE HANDLE BEZEL**

- (a) Push in the bezel to install it.
- (b) Install the screw.

**29. (w/o Power Window)
INSTALL REGULATOR HANDLE**

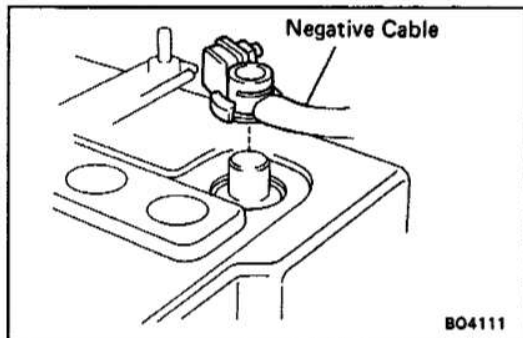
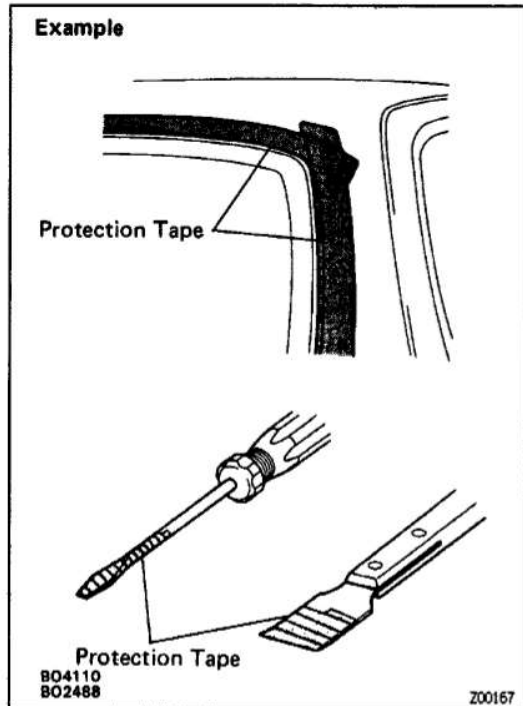
With door window fully closed, install the plate and the regulator handle with the snap ring as shown.

BODY -

BODY

BO-2

BODY - GENERAL INFORMATION



GENERAL INFORMATION

HANDLING PRECAUTIONS

BO01M-02

Taping

When it is possible that the body or parts may be scratched during the operation, apply protection tape before starting work.

Example:

1. Before starting work, apply protection tape to body surfaces around parts to be removed and installed.
2. Before prying parts loose with a screwdriver or scraper etc., apply protection tape to the tip of the tool to avoid scratching parts or painted surfaces of the body.

Battery

In order to prevent a short circuit while doing work on the electrical circuit such as disconnecting a connector, first turn off the ignition switch and disconnect the negative cable from the battery terminal before starting work.

HINT: When battery voltage is required for operation of a functioning part, connect the cable to the battery when needed, and promptly disconnect it when no longer necessary.

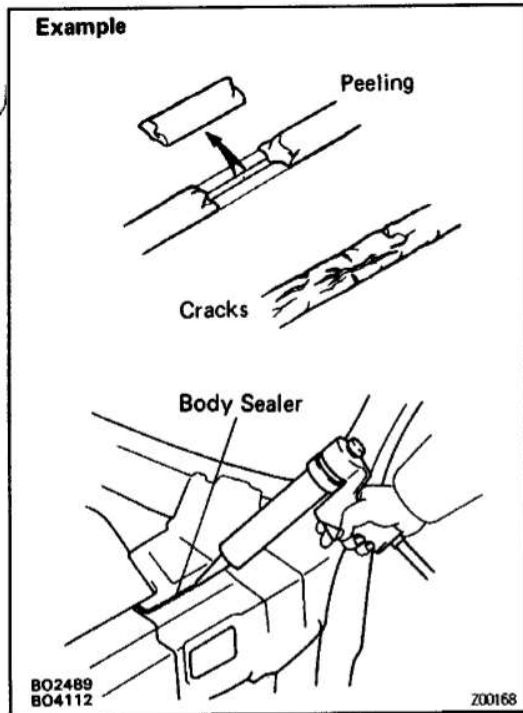
CAUTION:

- Work must be started after approx. 20 seconds or longer from the time the ignition switch is turned to the 'LOCK' position and the negative (-) terminal cable is disconnected from the battery.
- To avoid erasing the memory of each memory system, never use a back-up power supply from outside the vehicle.

Fitting Adjustments

When removing and installing body panels which have a preload value, after the installation refer to the page containing the installation adjustment methods, and make adjustments according to the required specifications.

HINT: When making adjustments, do not completely loosen the bolts and nuts of the part being adjusted. Tighten them appropriately, and move the panels by hand to align them.



ANTI-RUST TREATMENT

Anti-rust treatment used on the vehicle body includes body sealer, undercoat, rust inhibitor and paint. HINT: Refer to the Body Collision Damage Repair Manual for details of which parts have received anti-rust treatment.

Body Sealer

If the body sealer is damaged (peeling, cracks, etc.) during the operation, replace it with new body sealer.

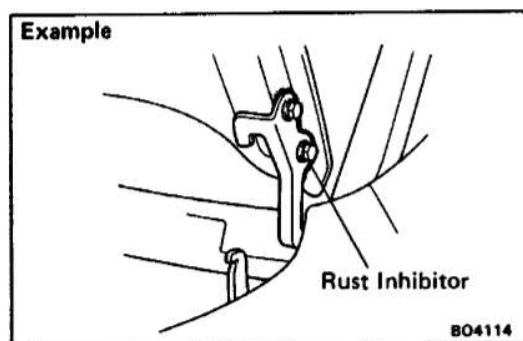
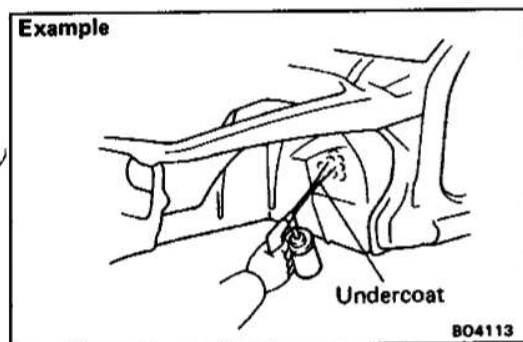
HINT: If body sealer gets on other parts, promptly wipe it off with a clean cloth dipped in a grease, wax and silicone remover.

Undercoat

If the undercoat is damaged during the operation, apply new undercoat.

HINT:

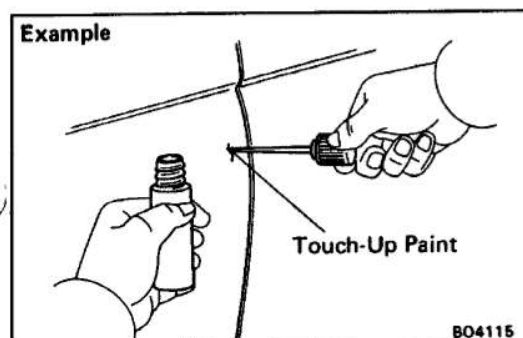
- Cover the surrounding area with masking paper to avoid applying undercoat where it is not needed.
- Do not apply undercoat to high temperature parts such as the tailpipe, or to drive parts such as the drive shaft.



Rust Inhibitor

After removing and re-installing hinges and outer panel parts, apply rust inhibitor to the parts.

HINT: If rust inhibitor gets spilled on other parts, promptly wipe it off with a clean cloth dipped in a grease, wax and silicon remover.



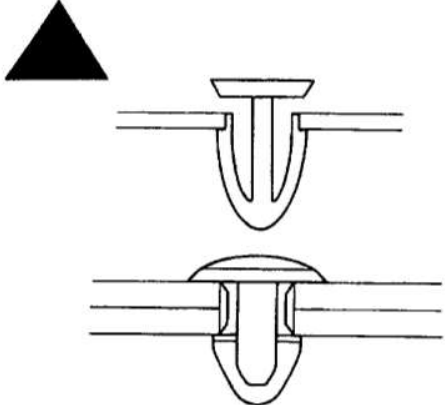
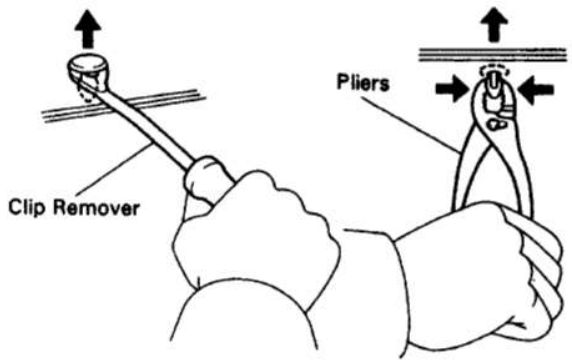
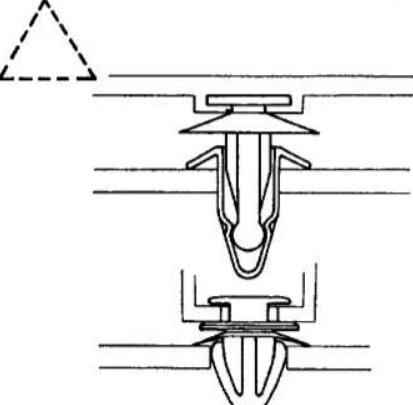
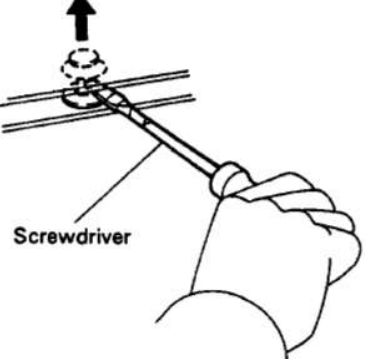
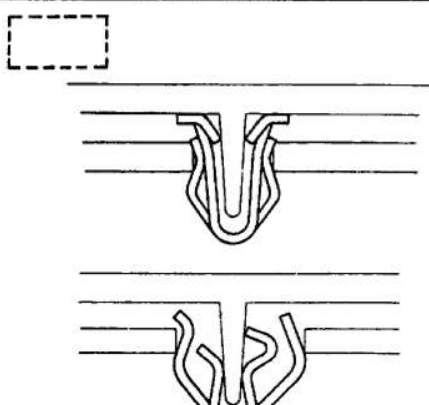
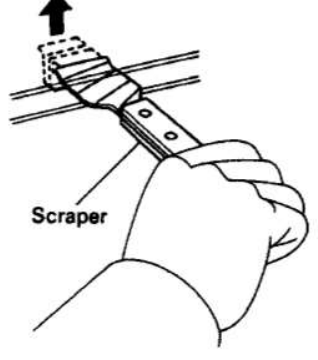
Touch -Up Paint

If a small scratch is made in the body surface, correct the scratch using touch-up paint the same color as the body color.

CLIPS

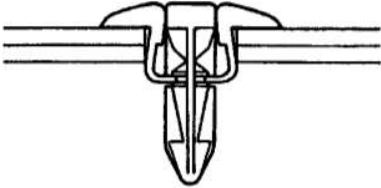
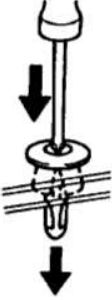
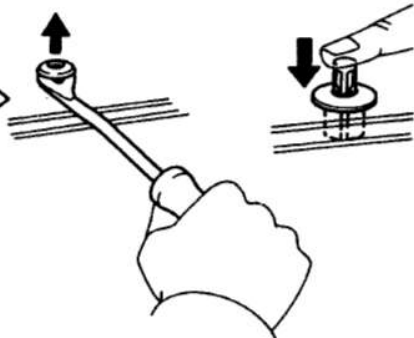
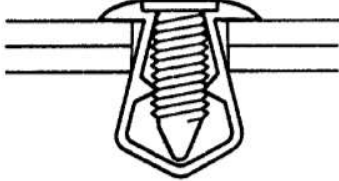
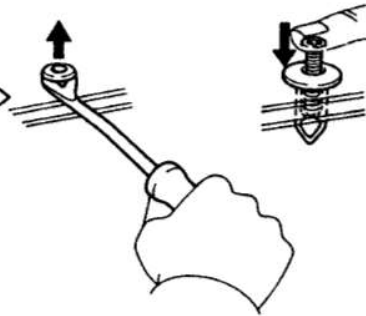
The removal and installation methods of typical clips used in body parts are shown in the table below.
HINT: If the clip is damaged during the operation, always replace it with a new clip.

F-81

Shape (Example)	Removal/installation
 BO4116	 BO4117
 BO4118	 BO4119
 BO4120	 BO4121

V00005

CLIPS (Cont'd)

Shape (Example)	Removal/installation
 BO4122	Removal  Installation  BO4123
 BO4124	Removal  Installation  BO4125

V00012

BO-6

BODY – GENERAL INFORMATION

80010-08

SRS AIRBAG(See page [AB-2](#))

The 1993 MR2 is equipped with an SRS (Supplemental Restraint System) airbag.

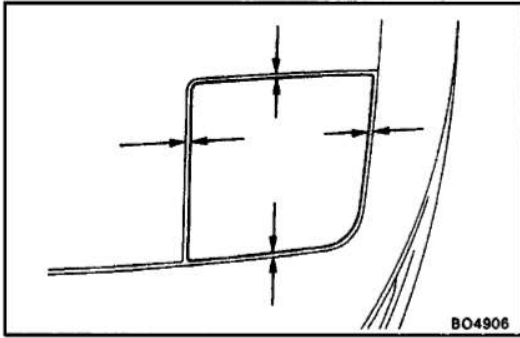
Failure to carry out service operations in the correct sequence could cause the airbag system to deploy, possibly leading to a serious accident.

When removal or installation of airbag parts and the yellow wire harness and connector for the airbag is necessary, refer to the precautionary notices in the AB section before performing the operation.

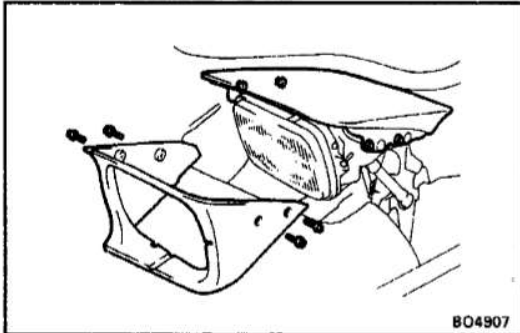
- Work must be started after 20 seconds or longer from the time the ignition switch is set to the LOCK position and the negative (–) terminal cable is disconnected from the battery. (The airbag system is equipped with a back-up power source so that if work is started within 20 seconds of disconnecting the negative (–) terminal cable of the battery, the airbag may be deployed.)
- To avoid erasing the memory of each memory system, never use a back-up power supply from outside the vehicle.
- Before repairs, remove the airbag sensors if shocks are likely to be applied to the sensors during repairs.
- The front airbag sensor set bolt has been anti-rust treated. When the sensor is removed, always replace the set bolt with a new one.
- If the front airbag sensors, center airbag sensor or steering wheel pad have been dropped, or if there are cracks, dents or other defects in the case, bracket or connector, replace them with new ones.
- Never use airbag parts from another vehicle. When replacing parts, replace them with new parts.
- Do not expose the front airbag sensors, center airbag sensor or steering wheel pad directly to hot air or flames.
- The airbag system's wire harness is integrated with the cowl wire harness assembly. The wires for the airbag wire harness are encased in a yellow corrugated tube. All the connectors for the system are also a standard yellow color. If the airbag system wire harness becomes disconnected or the connector becomes broken due to an accident, etc., repair or replace it as shown on page [AB-22](#).
- The steering wheel must be fitted correctly to the steering column with the spiral cable at the neutral position; otherwise, cable disconnection and other troubles may result. Refer to page [AB-17](#) of this manual concerning correct steering wheel installation.
- When removing the steering wheel pad or handling a new steering wheel pad, it should be placed with the pad top surface facing up. In this case, the twin-lock type connector lock lever should be in the locked state and care should be taken to place it so the connector will not be damaged. (Storing the pad with its metallic surface up may lead to a serious accident if the airbag inflates for some reason.)

Grease should not be applied to the steering wheel pad and the pad should not be cleaned with detergents of any kind.

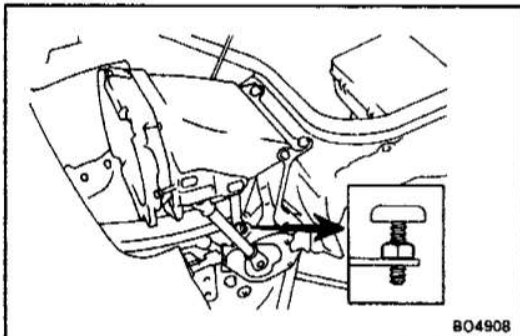
- Store the steering wheel pad where the ambient temperature remains below 93°C (200°F), without high humidity and away from electrical noise.
- Information labels are attached to the periphery of the airbag components. Follow the notices.
- When the ignition switch is at ACC or ON and the airbag warning light remains on, the center airbag sensor assembly has detected a malfunction code. (See page [AB-30](#))

BO-14**BODY - HEADLIGHT****HEADLIGHT**

CAUTION: When adjusting each section, raise or lower the headlight with the light control switch. But when adjusting each section, be sure to remove the RTR fuse (30A) before adjusting.

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

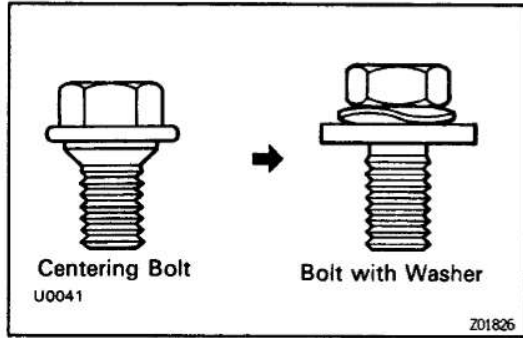
- (a) Remove the headlight door.
- (b) Adjust the headlight hood by loosening four cover set screws.

**2. ADJUST HEADLIGHT SLANT**

- (a) Loosen the stopper lock nut.
- (b) Lower the headlight.
- (c) Turn the manual operation knob to align the rod and the crank arm.
- (d) Change the rod length to adjust the headlight slant.

BO-12

BODY - HOOD

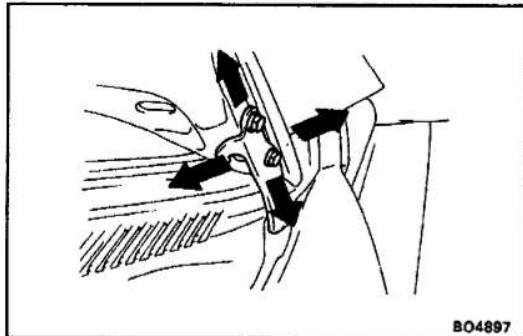


HOOD

HOOD ADJUSTMENT

80098-01

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

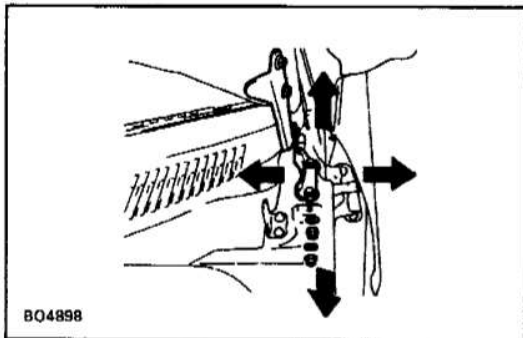


Front Hood

80098-01

1. ADJUST FRONT HOOD IN FORWARD/REARWARD AND VERTICAL DIRECTIONS

Adjust the hood by loosening the hood side hinge bolts.



2. ADJUST REAR EDGE OF FRONT HOOD IN LEFT/RIGHT AND VERTICAL DIRECTIONS

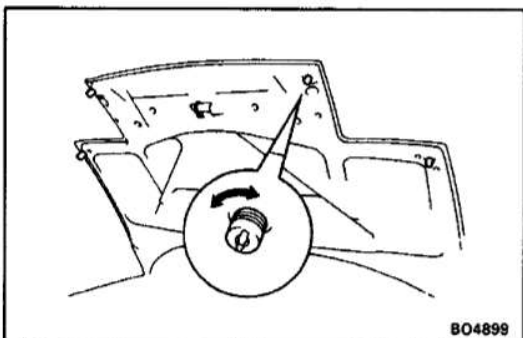
(a) Remove front fender

(b) (Left/Right Direction)

Adjust the hood by loosening the hood hinge bolts.

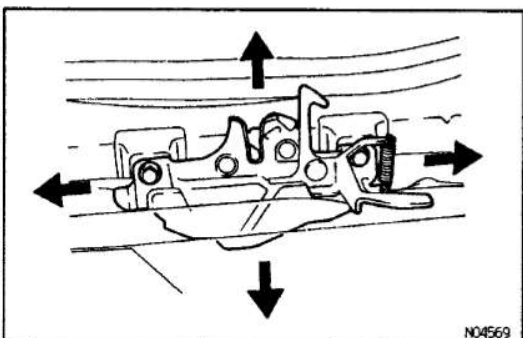
(Vertical Direction)

Adjust the hood by increasing or decreasing the number of the shims.



3. ADJUST FRONT EDGE OF FRONT HOOD IN VERTICAL DIRECTIONS

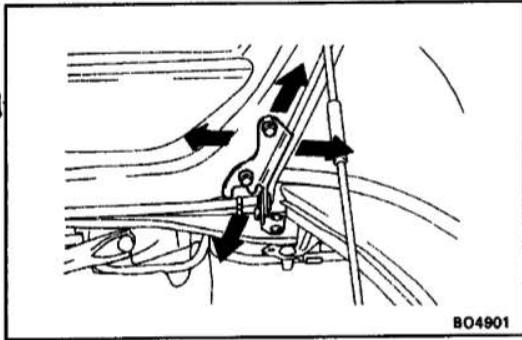
Adjust the hood by turning the cushions.



4. ADJUST FRONT HOOD LOCK IN FORWARD/REARWARD AND LEFT/RIGHT DIRECTIONS

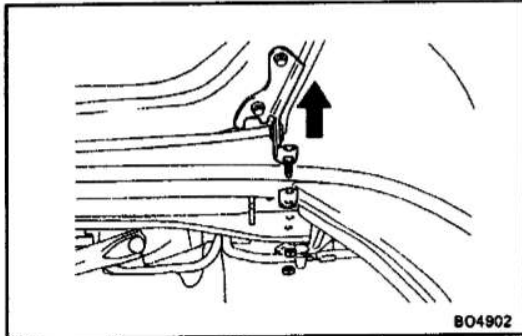
Adjust the lock by loosening bolts.

Engine Hood



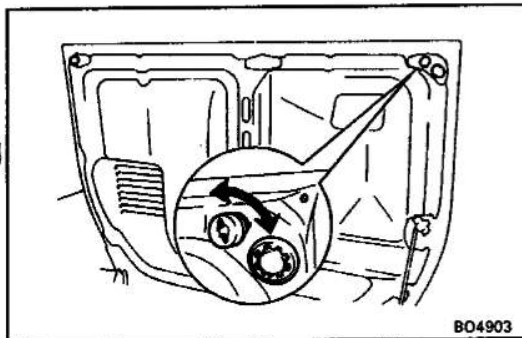
1. ADJUST ENGINE HOOD IN FORWARD / REARWARD AND LEFT/RIGHT DIRECTIONS

Adjust the hood by loosening the body side hinges bolts.



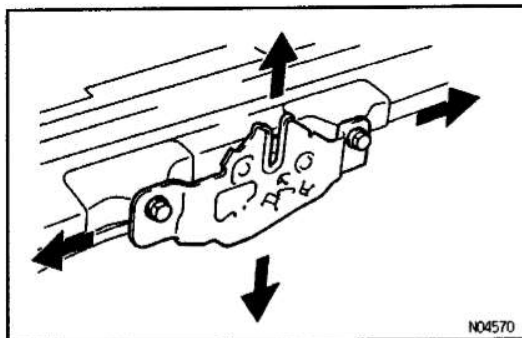
2. ADJUST FRONT EDGE OF ENGINE HOOD IN VERTICAL DIRECTION

Adjust the hood by increasing the number of shims.



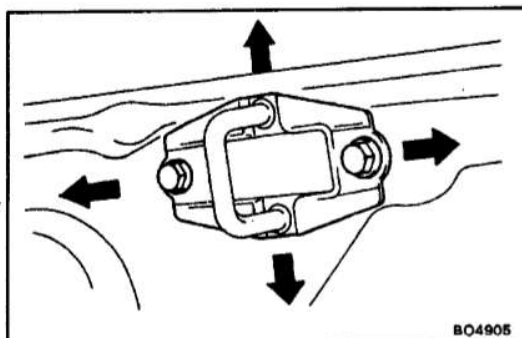
3. ADJUST REAR EDGE OF ENGINE HOOD IN VERTICAL DIRECTION

Adjust the hood by turning the cushions.



4. ADJUST ENGINE HOOD LOCK IN FORWARD/ REARWARD AND LEFT/RIGHT DIRECTIONS

Adjust the hood lock by loosening the mounting bolts.



5. ADJUST ENGINE HOOD LOCK STRIKER

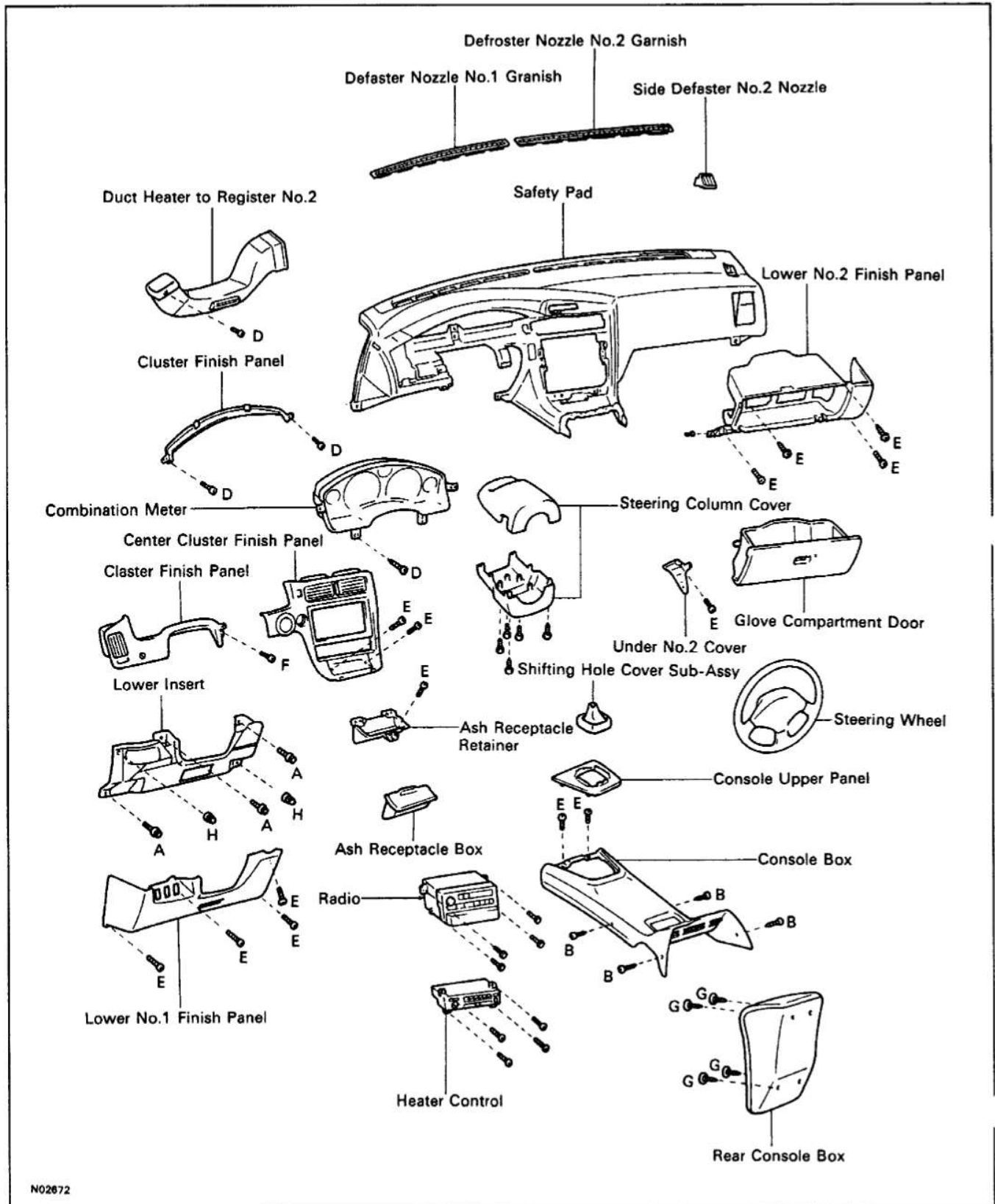
- Check that the hood fit and hood lock are adjusted correctly.
- Loosen the striker mounting bolts to adjust.
- Using a plastic hammer, top the striker to adjust it.

BO-72

BODY - INSTRUMENT PANEL

INSTRUMENT PANEL COMPONENTS

800CF-91



HINT: Screw sizes in the illustration on the previous page are indicated using the code below for removal and installation of instrument panel.

mm (in.)

Code	Shape	Size	Code	Shape	Size	Code	Shape	Size	Code	Shape	Size
A		$\phi = 6$ (0.24) L = 20 (0.99)	B		$\phi = 5$ (0.20) L = 18 (0.71)	C		$\phi = 5.22$ (0.2055) L = 14 (0.55)	D		$\phi = 5.22$ (0.2055) L = 16 (0.63)
E		$\phi = 5.22$ (0.2055) L = 14 (0.55)	F		$\phi = 5.22$ (0.2055) L = 20 (0.79)	G		$\phi = 5$ (0.20) L = 18 (0.71)	H		-

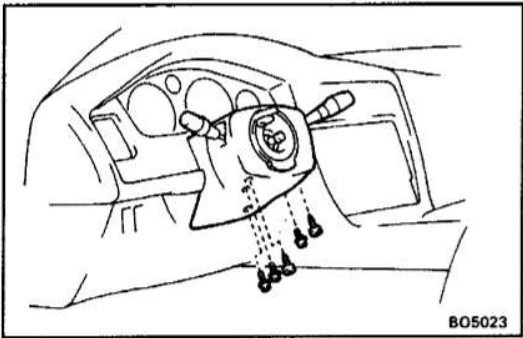
BO5088

V00853

BO00G-01

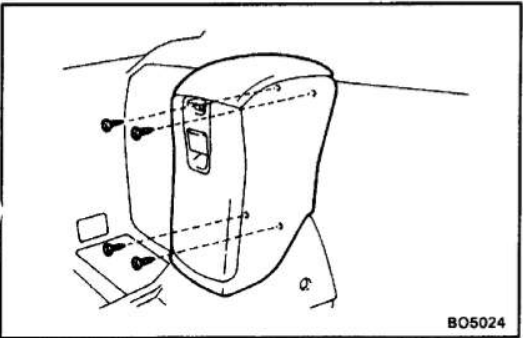
INSTRUMENT PANEL REMOVAL

- (See page [BO-72](#))
- 1. DISCONNECT BATTERY CABLE FROM NEGATIVE TERMINAL
 - 2. REMOVE FOLLOWING PARTS:
(See steps 4 to 5 on page [BO-41](#) to [BO-42](#))
 - (a) Door scuff plate
 - (b) Front pillar garnish
 - 3. REMOVE STEERING WHEEL
(See page [SR-5](#))



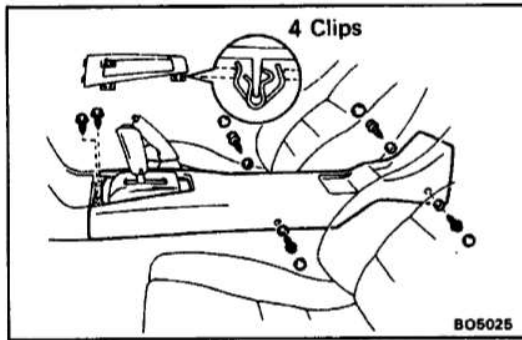
BO5023

- 4. REMOVE STEERING COLUMN COVER
Remove five screws and the column covers.



BO5024

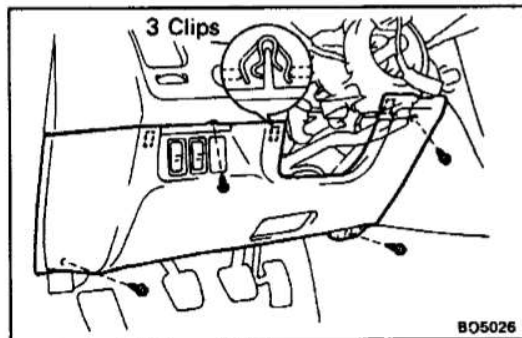
- 5. REMOVE REAR CONSOLE BOX
 - (a) Open the console box doors.
 - (b) Remove four screws and the console box.

BO-74**BODY – INSTRUMENT PANEL****6. REMOVE CONSOLE UPPER PANEL**

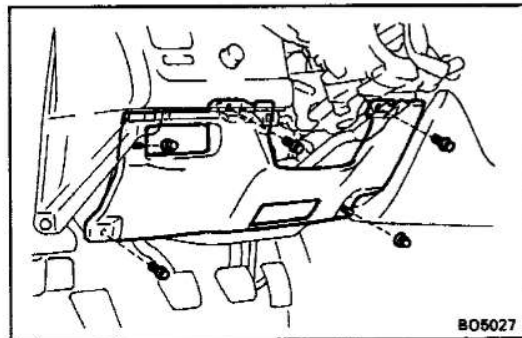
- (a) Using the screwdriver, remove the clip.
HINT: Tape the screwdriver tip before use.
- (b) Pull the panel rearward and remove it.

7. REMOVE CONSOLE BOX

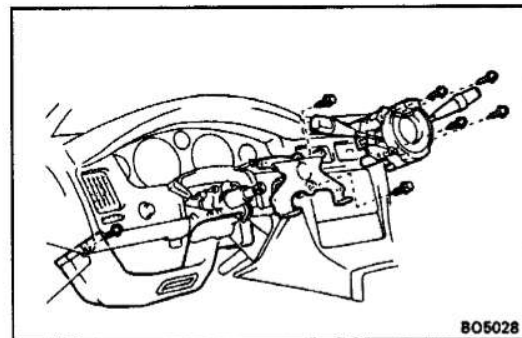
- (a) Using the screwdriver, remove four screw caps.
HINT: Tape screwdriver tip before use.
- (b) Remove six screws, four bushes and the console box.

**8. REMOVE LOWER NO.1 FINISH PANEL**

- (a) Remove four screws.
- (b) Remove the panel by pulling then disconnect the connectors.
- (c) Remove the lower No. 1 register from the panel.

**9. REMOVE LOWER INSERT**

Remove three bolts, two nuts and the lower insert.

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

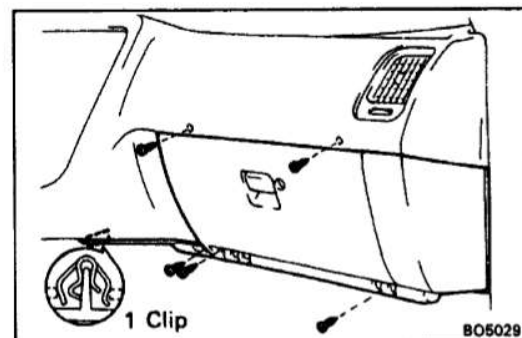
Remove the screw and the duct.

11. REMOVE COMBINATION SWITCH

- (a) Disconnect the connectors.
- (b) Remove four screws and the combination switch.

12. REMOVE TURN SIGNAL BRACKET

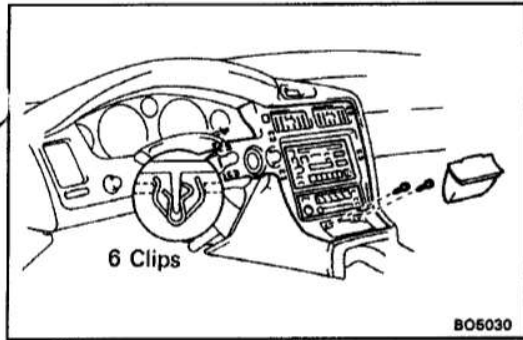
Remove two bolts and the bracket.

**13. REMOVE UNDER NO.2 COVER**

- (a) Remove the screw.
- (b) Remove the cover by pulling.

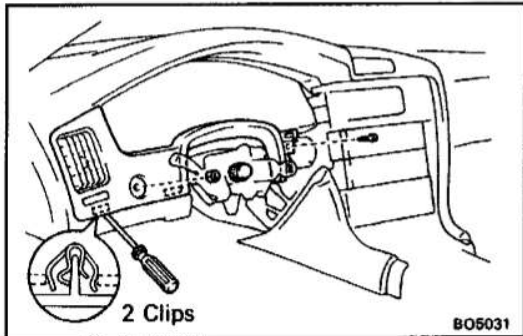
14. REMOVE LOWER NO.2 FINISH PANEL

Remove four screws and the panel.

**15. REMOVE CENTER CLUSTER FINISH PANEL**

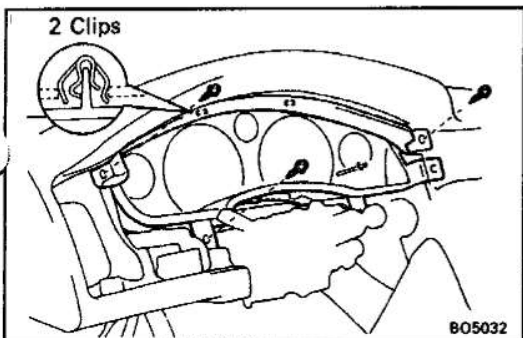
- (a) Remove the ash receptacle box by pulling.
- (b) Remove two screws.
- (c) Using the screwdriver, remove the panel and disconnect the connector.

HINT: Tape the screwdriver tip before use.

**16. REMOVE CLUSTER FINISH PANEL**

- (a) Remove the rheostat knob by pulling.
- (b) Remove the nut from the rheostat.
- (c) Remove the screw.
- (d) Using the screwdriver, remove the panel and disconnect the connector.

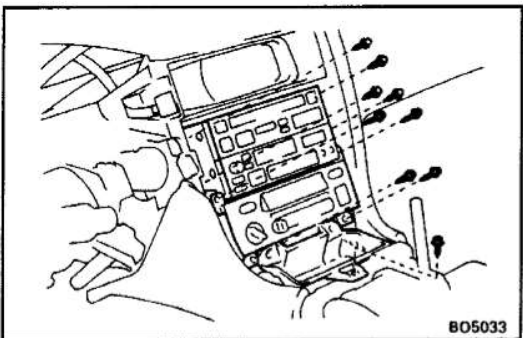
HINT: Tape the screwdriver tip before use.

**17. REMOVE CLUSTER FINISH PANEL**

- (a) Remove two screws.
 - (b) Using the screwdriver, remove the panel.
- HINT: Tape the screwdriver tip before use.

18. REMOVE COMBINATION METER

- (a) Remove the screw.
- (b) Disconnect the connectors and the meter bracket.
- (c) Remove the meter.

**19. REMOVE RADIO**

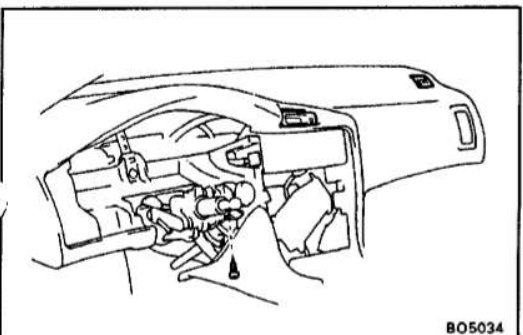
Remove four bolts and the radio.

20. REMOVE HEATER CONTROL

Remove four screws and hang the heater control.

21. REMOVE ASH RECEPTACLE RETAINER

Remove the screw and the retainer.

**22. REMOVE CLOCK**

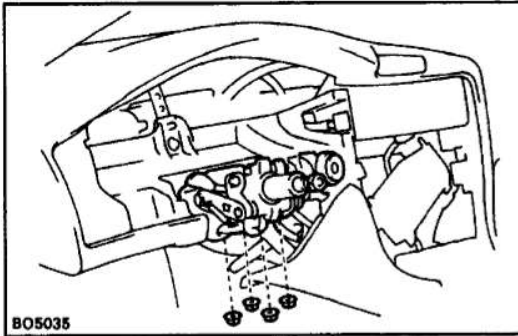
- (a) Using the screwdriver, remove the clock ornament.
- HINT: Tape the screwdriver tip before use.
- (b) Disconnect the connector and remove the clock.

23. REMOVE SIDE DEFROSTER NO.2 NOZZLE**24. REMOVE BRACKET**

Remove the screw and the bracket from the safety pad.

BO-76

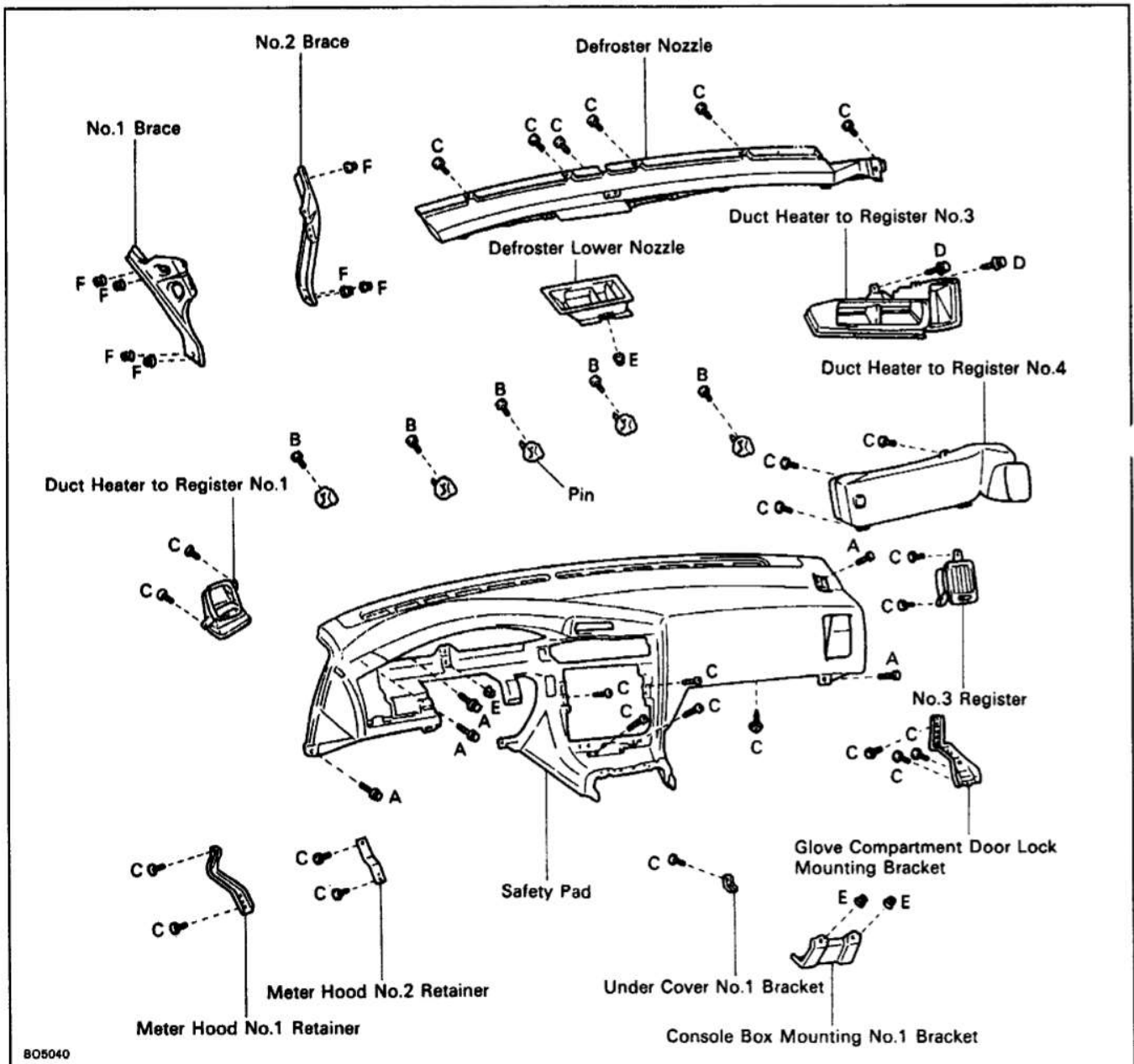
BODY - INSTRUMENT PANEL

**25. DISCONNECT STEERING COLUMN**

- (a) Remove four nuts.
- (b) Disconnect the steering column from the reinforcement.

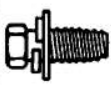
26. REMOVE SAFETY PAD

Remove five bolts, five screws, the nut and the safety pad.



HINT: Screw sizes in the illustration on the previous page are indicated using the code below for removal and installation of instrument panel.

mm (in.)

Code	Shape	Size	Code	Shape	Size	Code	Shape	Size
A		$\phi = 6$ (0.24) L = 20 (0.79)	B		$\phi = 4.5$ (0.177) L = 12 (0.47)	C		$\phi = 5.22$ (0.2055) L = 16 (0.63)
D		$\phi = 6$ (0.24) L = 14 (0.55)	E		-			-

BO5036

V00854

27. REMOVE FOLLOWING PARTS FROM SAFETY PAD

- Defroster nozzle
- Defroster nozzle No. garnish
- Defroster nozzle No.2 garnish
- Meter hood No. retainer
- Meter hood No.2 retainer
- Glove compartment door lock mounting bracket
- Dust heater to register No.
- Dust heater to register No.4
- No.3 register
- Under cover No.1 bracket
- Pin

28. REMOVE FOLLOWING PARTS:

- Defroster lower nozzle
- Dust heater to register No.3
- No. brace
- No.2 brace
- Console box mounting No.1 bracket

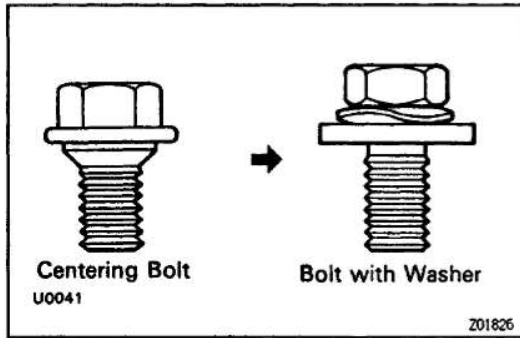
BO0CR-01

INSTRUMENT PANEL INSTALLATION(See page [BO-72](#) and [BO-76](#))

INSTALL INSTRUMENT PANEL PARTS BY FOLLOWING REMOVAL SEQUENCE IN REVERSE

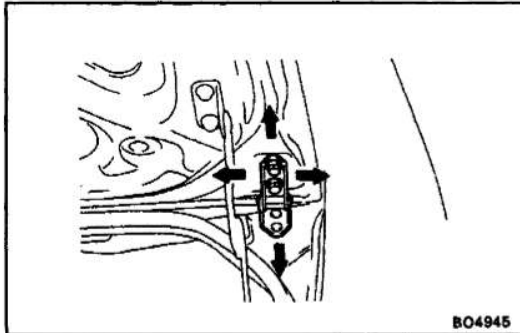
BO-28

BODY - LUGGAGE COMPARTMENT DOOR



LUGGAGE COMPARTMENT DOOR LUGGAGE COMPARTMENT DOOR ADJUSTMENT

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

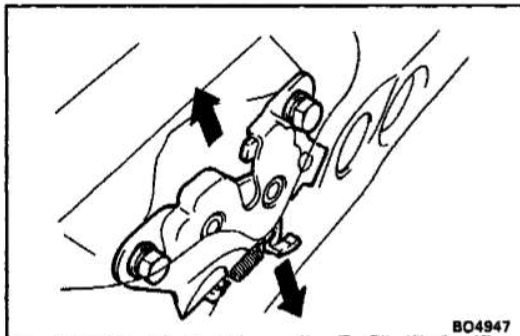


1. ADJUST DOOR IN FORWARD/ REARWARD AND LEFT/RIGHT DIRECTIONS

Adjust the door by loosening the door side hinge bolts.

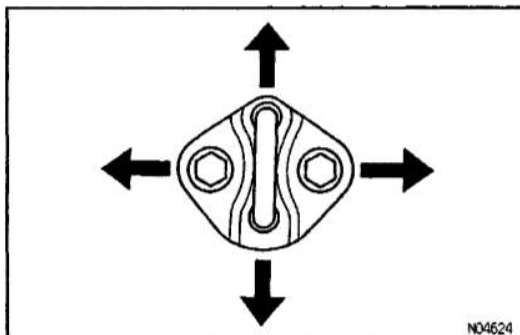
2. ADJUST DOOR IN VERTICAL DIRECTION

Adjust the door by increasing the number of shims.



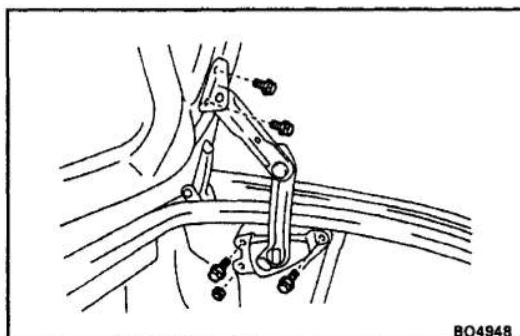
3. ADJUST LUGGAGE COMPARTMENT DOOR LOCK

Adjust the lock by loosening the bolts.



4. ADJUST DOOR LOCK STRIKER

- Check that the door fit and door lock are adjusted correctly.
- Loosen the striker mounting screws to adjust.
- Using a plastic hammer, tap the striker to adjust it.

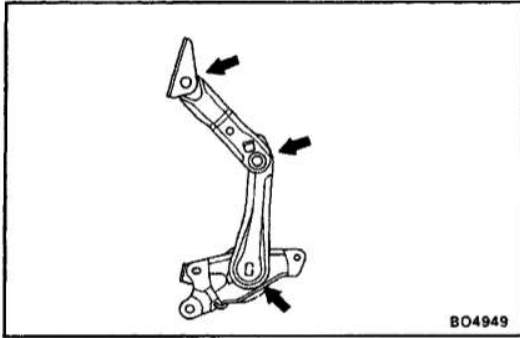


LUGGAGE COMPARTMENT DOOR BALANCER REMOVAL

REMOVE LUGGAGE COMPARTMENT DOOR BALANCER

Remove four bolts, the nut and the balancer.

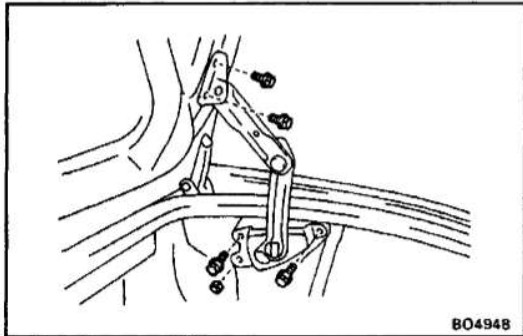
BO08E-01



LUGGAGE COMPARTMENT DOOR BALANCER INSTALLATION

1. BEFORE INSTALLING PARTS. COAT THEM WITH MP GREASE

Apply MP grease to the sliding surface of the balancer.



2. INSTALL LUGGAGE COMPARTMENT DOOR BALANCER

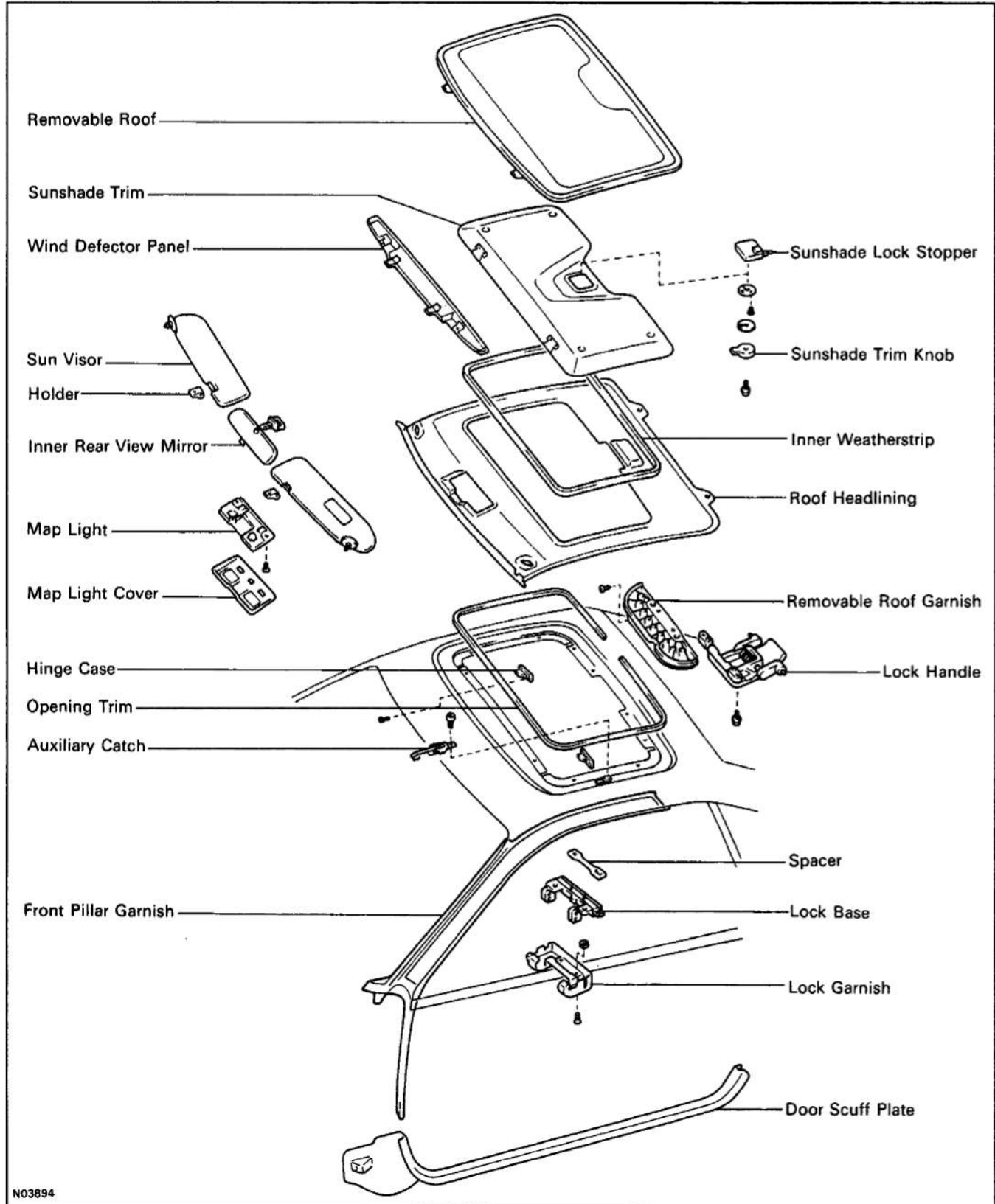
Install the balancer with four bolts and the nut.

BO-64

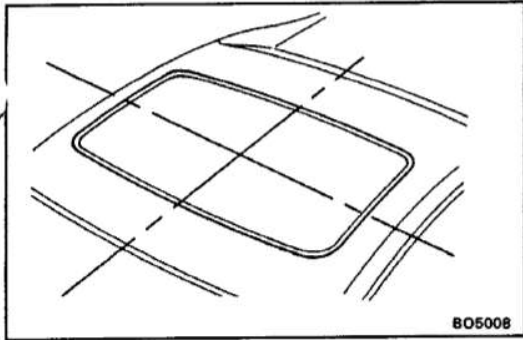
BODY - MOON ROOF

MOON ROOF COMPONENTS

BO008-01



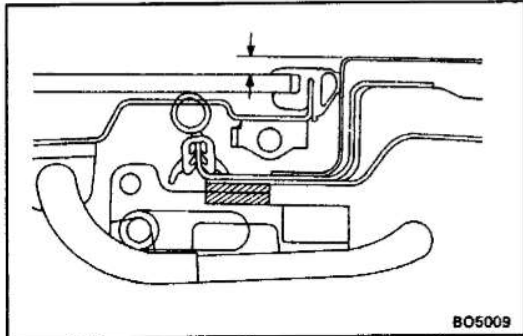
N03894



ON-VEHICLE INSPECTION

INSPECT REMOVABLE ROOF ALIGNMENT

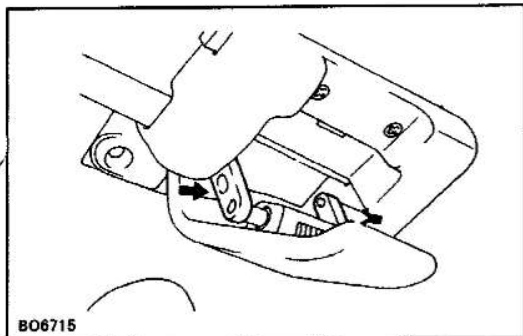
- (a) With the removable roof installed, check for water leakage.



- (b) Check for a difference in level between the removal roof and the roof panel.

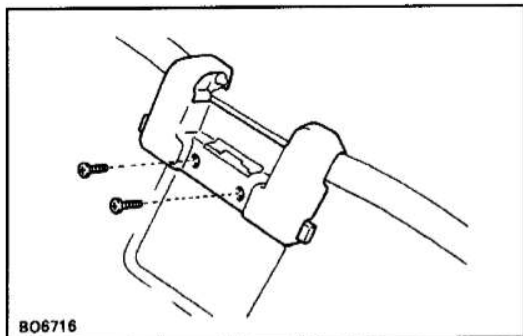
Level:

1.4–4.2 mm (0.0669–0.1653 in.)



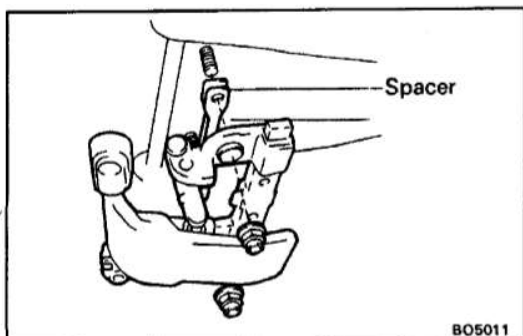
REMOVABLE ROOF ADJUSTMENT

1. **DISCONNECT LOCK HANDLE FROM LOCK BASE**



2. **REMOVE LOCK GARNISH**

Remove two screws and the lock garnish.



3. **CONNECT LOCK HANDLE TO LOCK BASE**

4. **ADJUST REMOVABLE ROOF**

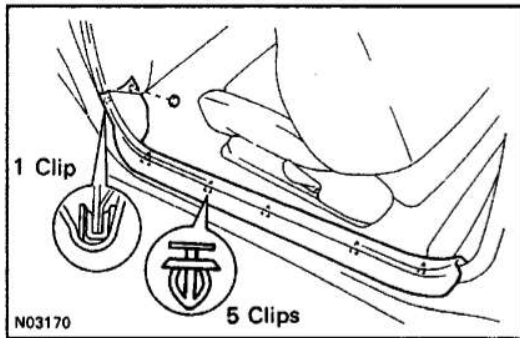
- (a) Remove two nuts and the lock base.
 (b) Adjust by increasing or decreasing the number of spacers.
 (c) Install the lock base with two nuts.

5. **INSTALL LOCK GARNISH**

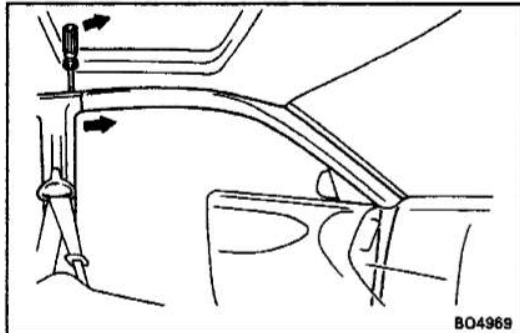
Install the lock garnish with two screws.

BO-66**BODY - MOON ROOF**

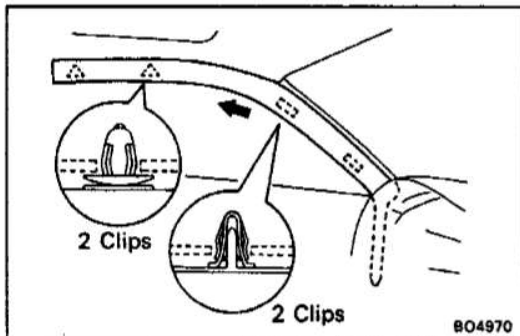
BOOK-01

**MOON ROOF REMOVAL**(See page [BO-64](#))

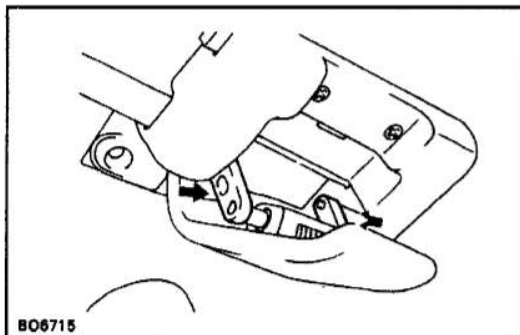
- 1. REMOVE SUNSHADE TRIM**
- 2. REMOVE DOOR SCUFF PLATE**
 - (a) Remove the cap.
 - (b) Remove the scuff plate by pulling.



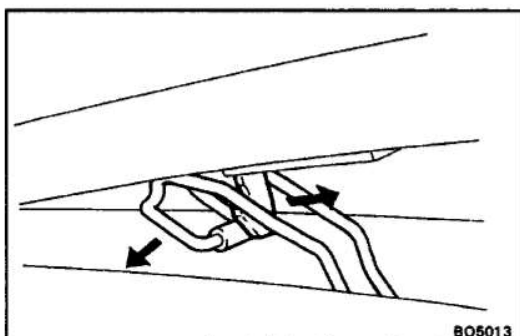
- 3. REMOVE FRONT PILLAR GARNISH**
 - (a) Pull out the garnish from the roof side inner garnish.



- (b) Remove the clips.
- (c) Pull the garnish rearward to remove it.
- 4. REMOVE FOLLOWING PARTS:**
(See steps 6 to 8 on page [BO-42](#))
 - (a) Map light cover and map light
 - (b) Inner rear view mirror
 - (c) Sun visors and holders

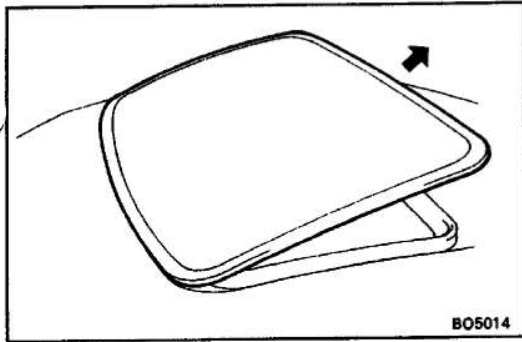


- 5. REMOVE REMOVABLE ROOF**
 - (a) Disconnect the lock handle from the lock base.

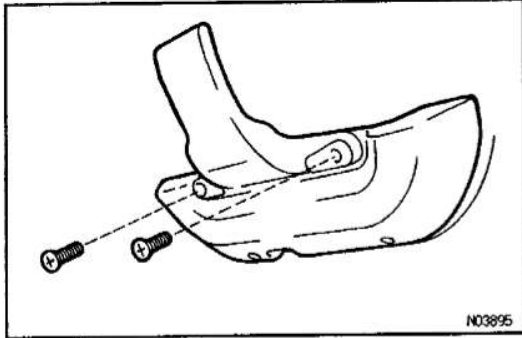


- (b) Disconnect the auxiliary catch from the removable roof.

BODY - MOON ROOF

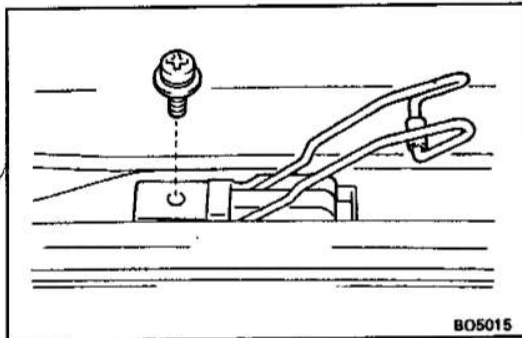


- (c) Pull the removable roof rearward to remove it.



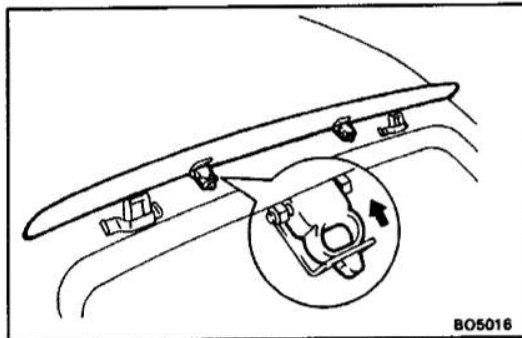
6. REMOVE LOCK HANDLE

Remove two screws and the lock handle from the removable roof.



7. REMOVE AUXILIARY CATCH

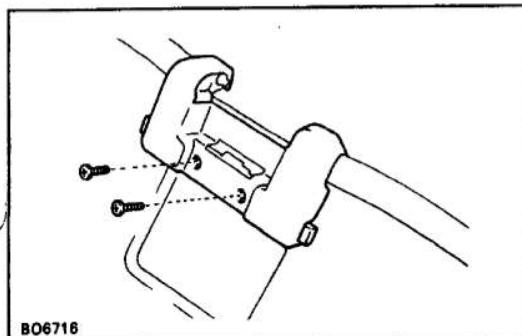
Remove the screw and the catch.



8. REMOVE WIND DEFLECTOR PANEL

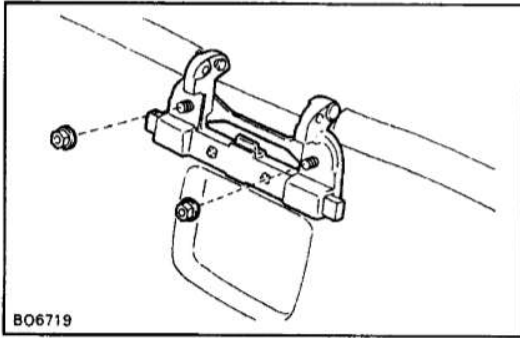
Remove two deflector clips, while prying them with the screwdriver.

HINT: Tape the screwdriver tip before use.

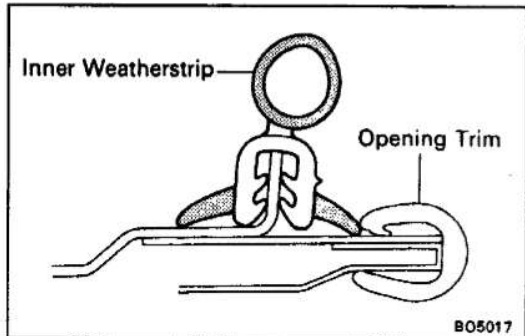
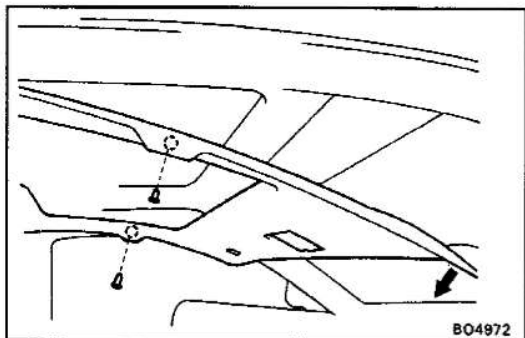


9. REMOVE LOCK GARNISH

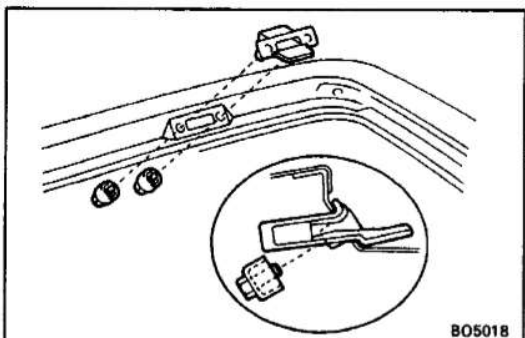
Remove two screws and the lock garnish.

BO-68**BODY - MOON ROOF****10. REMOVE LOCK BASE**

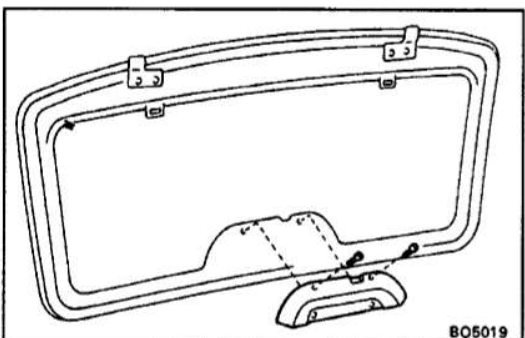
Remove two nuts, the lock base and the spacers.

**11. REMOVE OPENING TRIM****12. REMOVE INNER WEATHERSTRIP****13. REMOVE HINGE CASE**

- (a) Remove two clips.
- (b) Pull down the roof headlining by hand.



- (c) Remove two bolts and the hinge case.



REMOVABLE ROOF AND SUNSHADE TRIM DISASSEMBLY

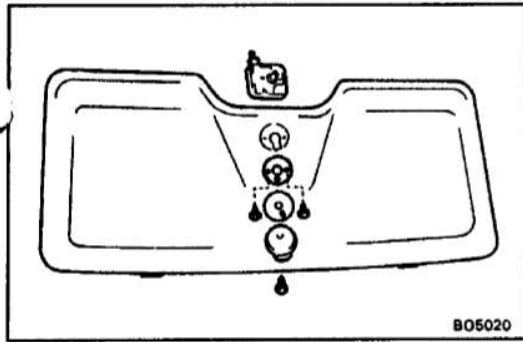
(See page [BO-64](#))

1. REMOVE REMOVABLE ROOF GARNISH

Remove two screws and the garnish.

2. REMOVE SUNSHADE LOCK STOPPER

- (a) Remove the screw and the sunshade trim knob.
- (b) Remove two screws and the stopper.



REMOVABLE ROOF AND SUNSHADE TRIM ASSEMBLY

(See page [BO-64](#))

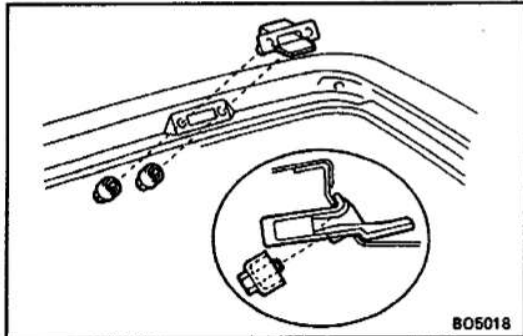
1. INSTALL REMOVABLE ROOF GARNISH

Install the garnish with two screws.

2. INSTALL SUNSHADE LOCK STOPPER

(a) Install the lock stopper with two screws.

(b) Install the sunshade trim knob with the screw.

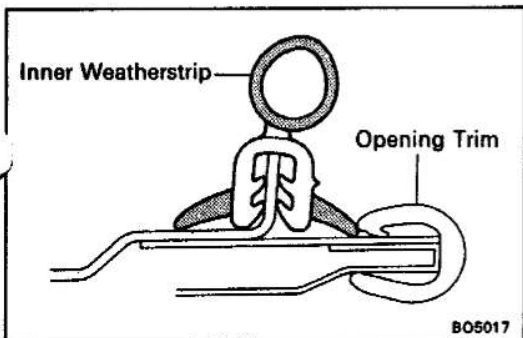


MOON ROOF INSTALLATION

(See page [BO-64](#))

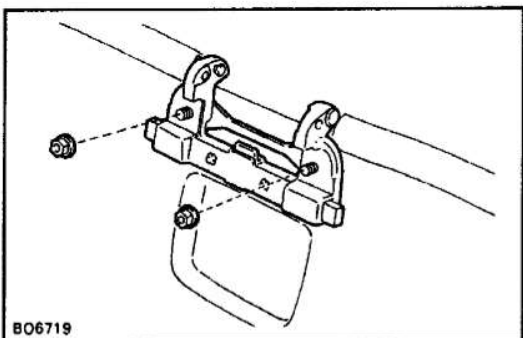
1. INSTALL HINGE CASE

Install the hinge case with two bolts.



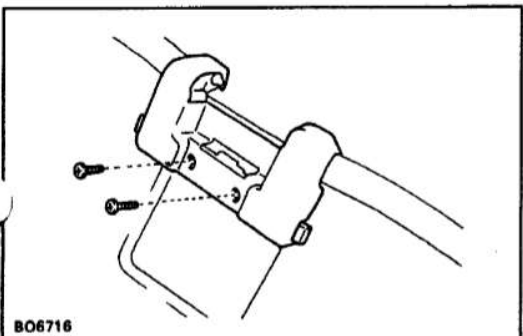
2. INSTALL INNER WEATHERSTRIP

3. INSTALL OPENING TRIM



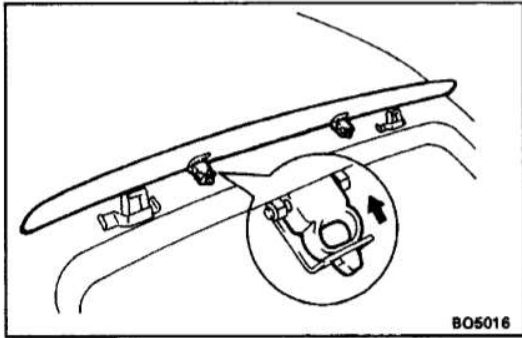
4. INSTALL LOCK BASE

Install the spacers and the lock base with two nuts.

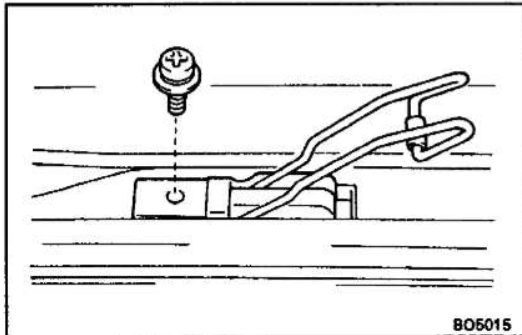


5. INSTALL LOCK GARNISH

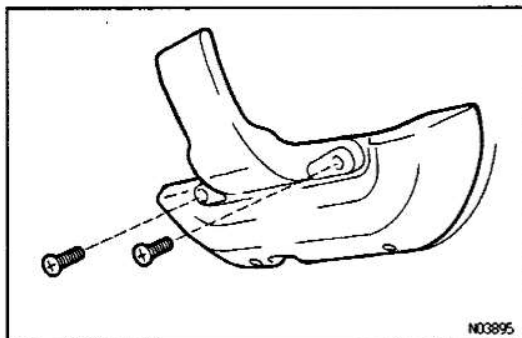
Install the garnish with two screws.

BO-70**BODY - MOON ROOF****6. INSTALL WIND DEFLECTOR PANEL**

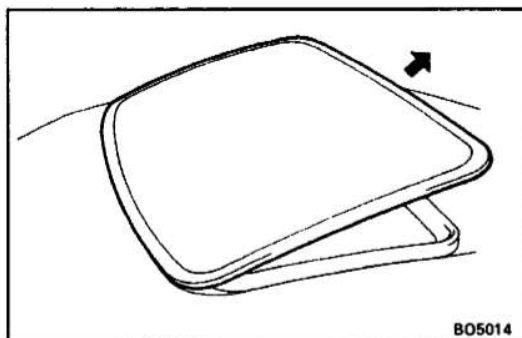
Slide the deflector clip rearward and tap the clip to install it.

**7. INSTALL AUXILIARY CATCH**

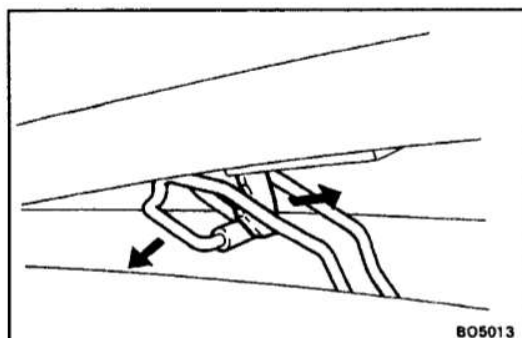
Install the catch with the screw.

**8. INSTALL LOCK HANDLE**

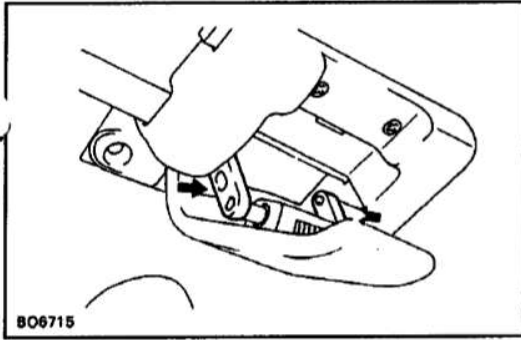
Install the lock handle with two screws to the removable roof.

**9. INSTALL REMOVABLE ROOF**

(a) Place the removable roof onto the roof.



(b) Connect the auxiliary catch to the removable roof.



(c) Connect the lock handle to the lock base.

10. INSTALL FOLLOWING PARTS:

- Front pillar garnish
- Inner rear view mirror
- Sunvisors and holders
- Interior light
- Card holder
- Assist grip
- Coat hook

11. ADJUST REMOVABLE ROOF
(See page [BO-65](#))

12. INSTALL SUNSHADE TRIM

BODY - PREPARATION

PREPARATION

SST (SPECIAL SERVICE TOOLS)

BO01R-02

	09812-00010 Door Hinge Set Bolt Wrench	
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LUBRICANT

BO01R-01

Item	Capacity	Classification
MP grease	-	-

SSM (SPECIAL SERVICE MATERIALS)

BO01T-04

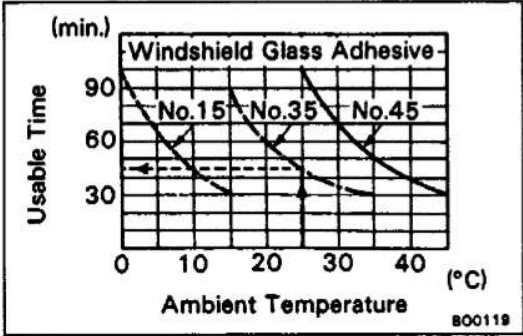
08850-00065 Butyl Tape set	Body outside Moulding Quarter Window Glass
08850-00070 Windshield glass adhesive set No. 15 or equivalent	Windshield Back Window Glass (0-15°C Or 32 -59° F)
08850-00080 Windshield glass adhesive set No.35 or equivalent	Windshield Back Window Glass (15-35°C or 59-95°F)
08850-00090 Windshield glass adhesive set No.45 or equivalent	Windshield Back Window Glass (35-45°C or 95-113°F)
08833-00030 Auto glass sealer or equivalent	Windshield Moulding
08850-00051 Adhesive (Super Special) or equivalent	Side Protection Moulding

BO-8

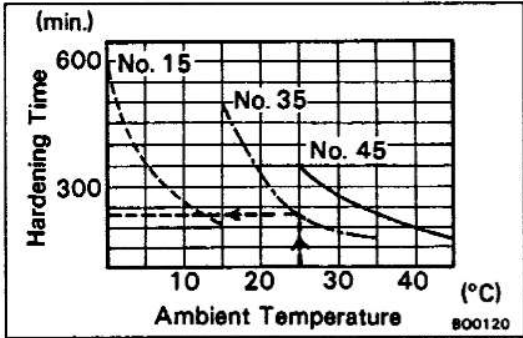
BODY – PREPARATION

Ambient temperature	Part No.	Part Name
0 – 15°C (32 – 59°F)	0aaso–	Windshield glass adhesive set No. 15
15 – 35°C 159 – 95°F	00070 oesso–	Windshield glass adhesive set No. 35
35 – 45°C (95 – 113°F)	000SO 088b0-00090	Windshield glass adhesive set No. 45

V00250



800119



800120

1. CHOOSE SUITABLE ADHESIVE SET

Use an adhesive set suitable for the ambient temperature.

2. CHECK ADHESIVE USABLE TIME

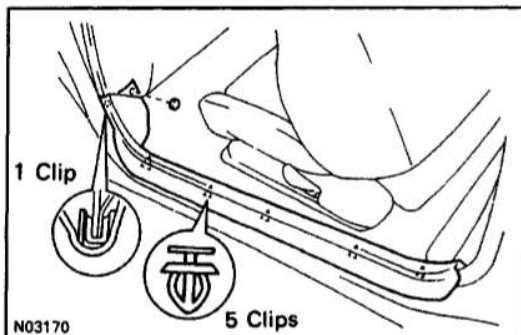
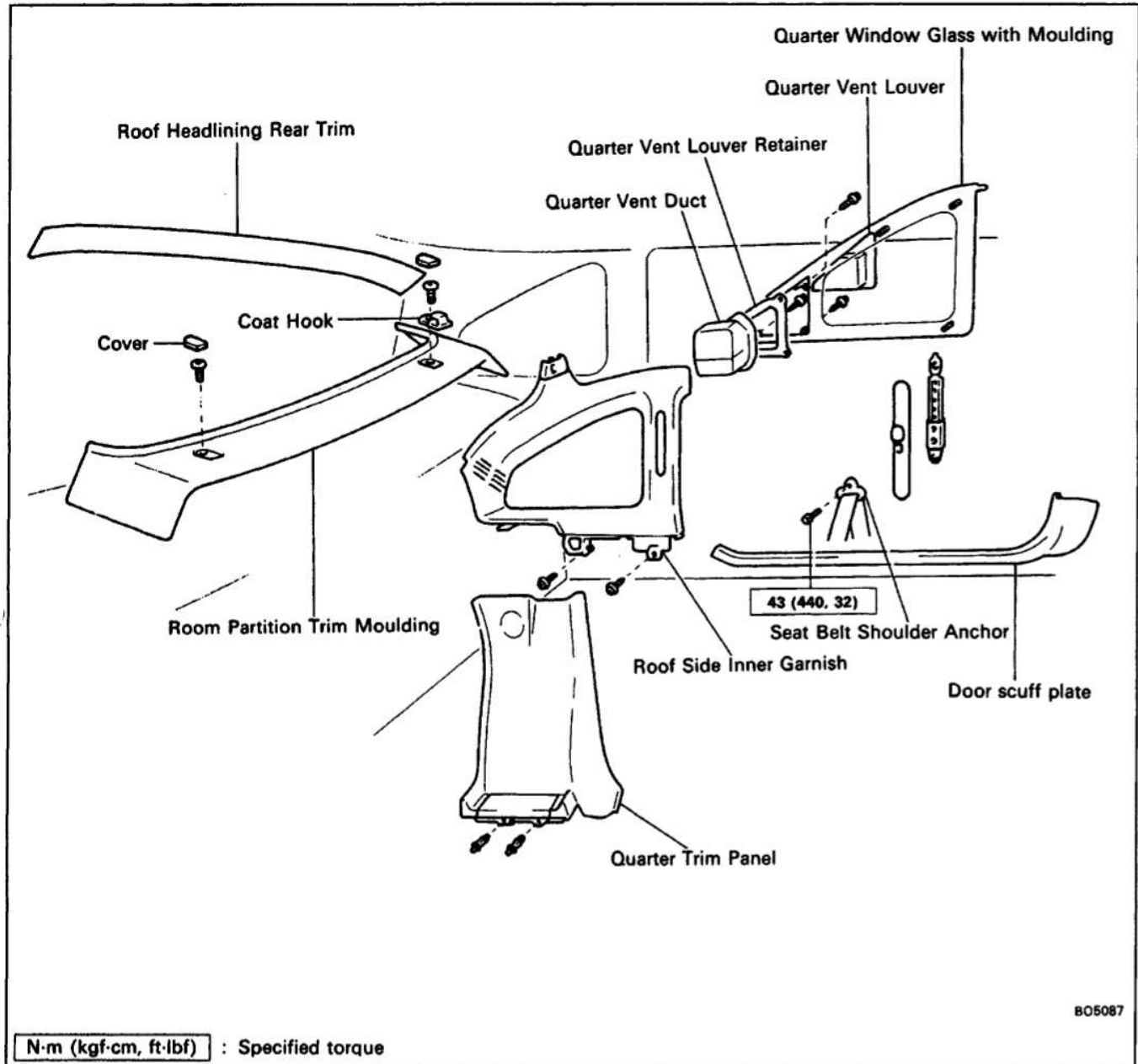
After mixing main and hardening agents, finish glass installation within the specified time as shown.
Example: For glass installation in an ambient temperature of 25° C (77° F), apply adhesive set No.35 within 45 minutes.

3. CHECK ADHESIVE HARDENING TIME

After main and hardening agents are mixed, leak tests should be made only after the hardening time has elapsed.
Example: The hardening time for adhesive set No.35 with an ambient temperature of 25°C (77°F) is 2.5 hours.
NOTICE: Do not drive the vehicle until at least double the hardening time has elapsed.

QUARTER WINDOW GLASS COMPONENTS

800C1-01

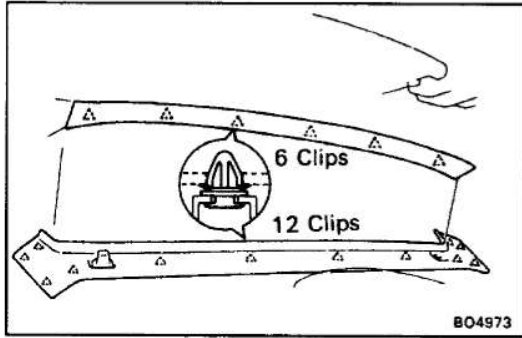


QUARTER WINDOW GLASS REMOVAL

800C1-01

1. REMOVE DOOR SCUFF PLATE

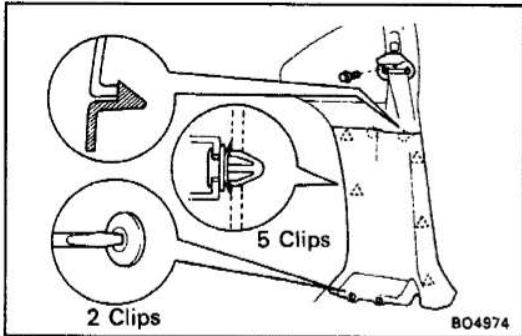
- Remove the cap.
- Remove the scuff plate by pulling.

BO-48**BODY - QUARTER WINDOW GLASS****2. REMOVE ROOF HEADLINING REAR TRIM**

Remove the trim by pulling.

3. REMOVE ROOM PARTITION TRIM MOULDING

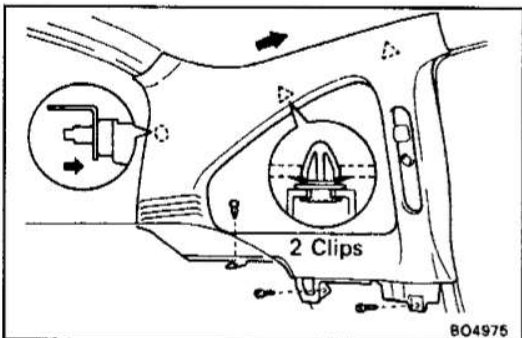
- (a) Remove two covers.
- (b) Remove two screws and the hook.
- (c) Remove the moulding by pulling.

**4. REMOVE QUARTER TRIM PANEL**

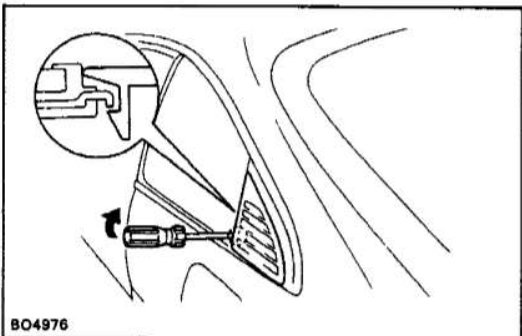
- (a) Remove two clips.
- (b) Using the screwdriver, pry loose the clips.
HINT: Tape the screwdriver tip before use.
- (c) Remove the quarter trim by pulling.

5. REMOVE SEAT BELT SHOULDER ANCHOR

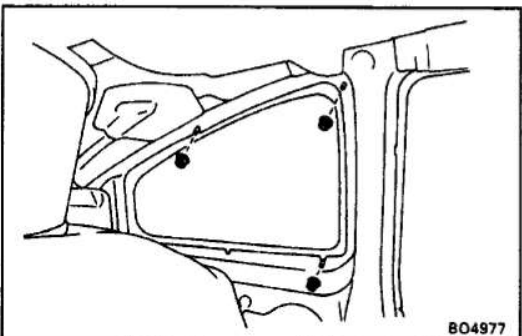
Remove the bolt and the shoulder anchor.

**6. REMOVE ROOF SIDE INNER GRANISH**

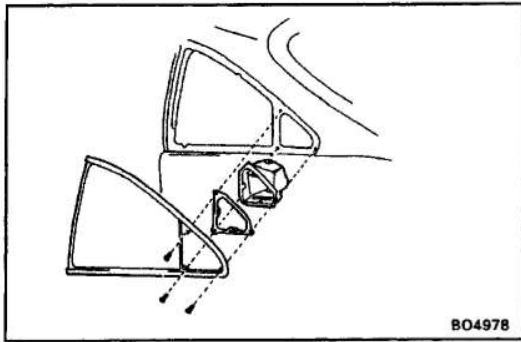
- (a) Remove the clip and two screws.
- (b) Using the screwdriver, pry loose the clips.
HINT: Tape the screwdriver tip before use.
- (c) Pull the garnish forward to remove it.

**7. REMOVE QUARTER VENT LOUVER**

Using the screwdriver, remove the louver.
HINT: Tape the screwdriver tip before use.

**8. REMOVE QUARTER WINDOW GLASS WITH MOULDING**

- (a) Remove three nuts.

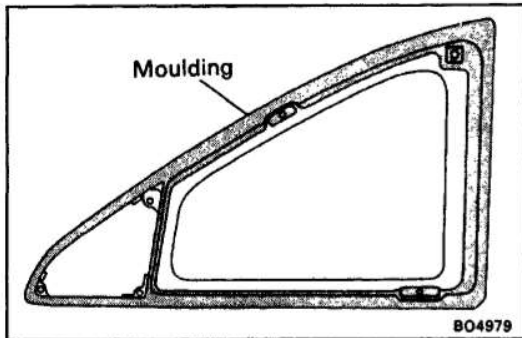


- (b) Remove three screws.
- (c) Using a knife, cut loose the adhesive.
- (d) Remove the glass with moulding.

NOTICE: Do not damage the body.

9. REMOVE QUARTER VENT LOUVER RETAINER

10. REMOVE QUARTER VENT DUCT

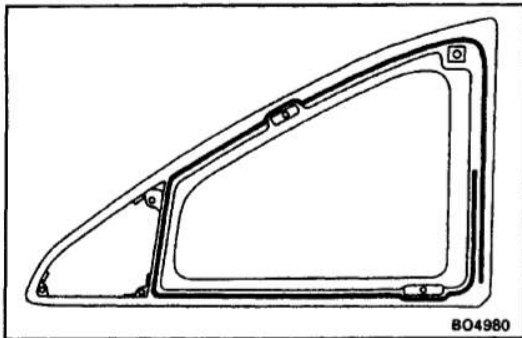


QUARTER WINDOW GLASS INSTALLATION

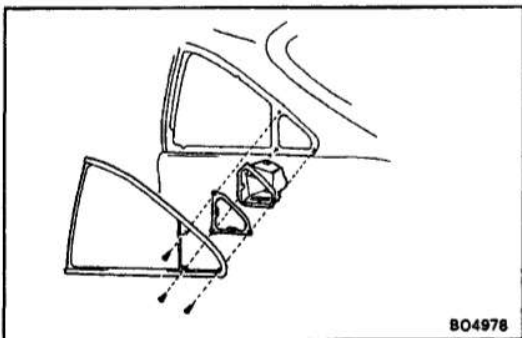
(See page [BO-47](#))

1. CLEAN BODY OR GLASS

Wipe off any adhesive left on the body or moulding with cleaner.

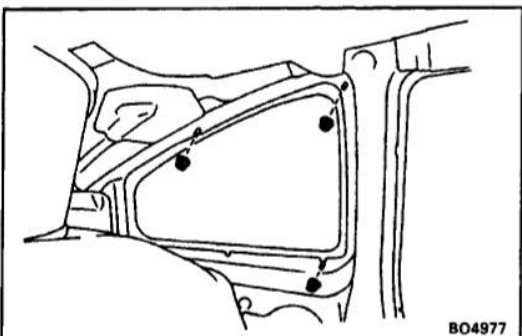


2. APPLY ADHESIVE AT MOULDING INSTALLATION AREA

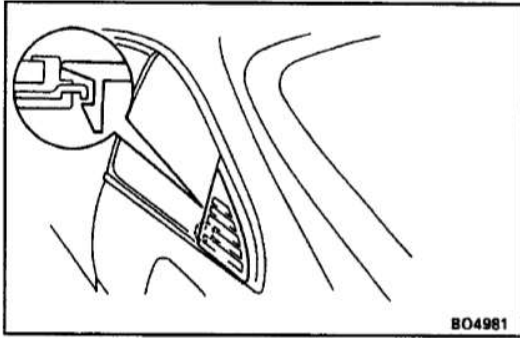


- 3. INSTALL QUARTER VENT DUCT
- 4. INSTALL QUARTER VENT LOUVER RETAINER
- 5. INSTALL QUARTER WINDOW GLASS WITH MOULDING

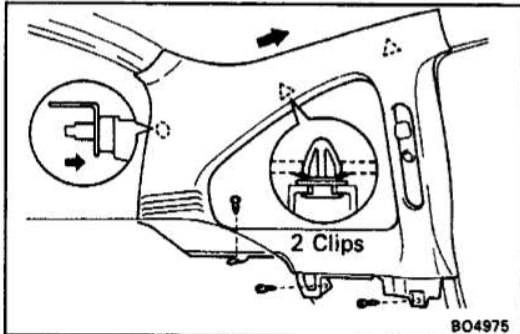
- (a) Install the glass with moulding to the body.
- (b) Install three screws.



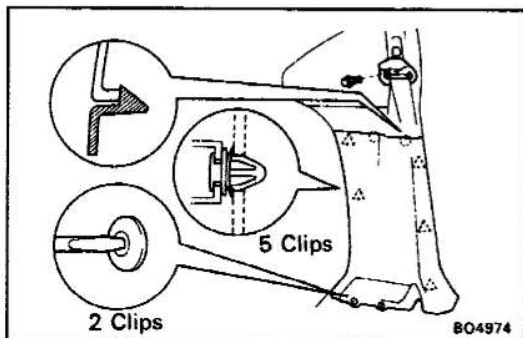
- (c) Install three nuts.

BO-50**BODY – QUARTER WINDOW GLASS****6. INSTALL QUARTER VENT LOUVER**

Push in the louver to install it.

**7. INSTALL ROOF SIDE INNER GARNISH**

- (a) Slide the garnish rearward and tap the garnish to install it.
- (b) Install two screws and the clip.

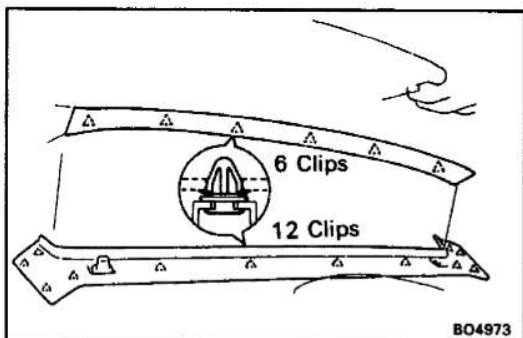
**8. INSTALL SEAT BELT SHOULDER ANCHOR**

Install the shoulder anchor with the bolt.

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

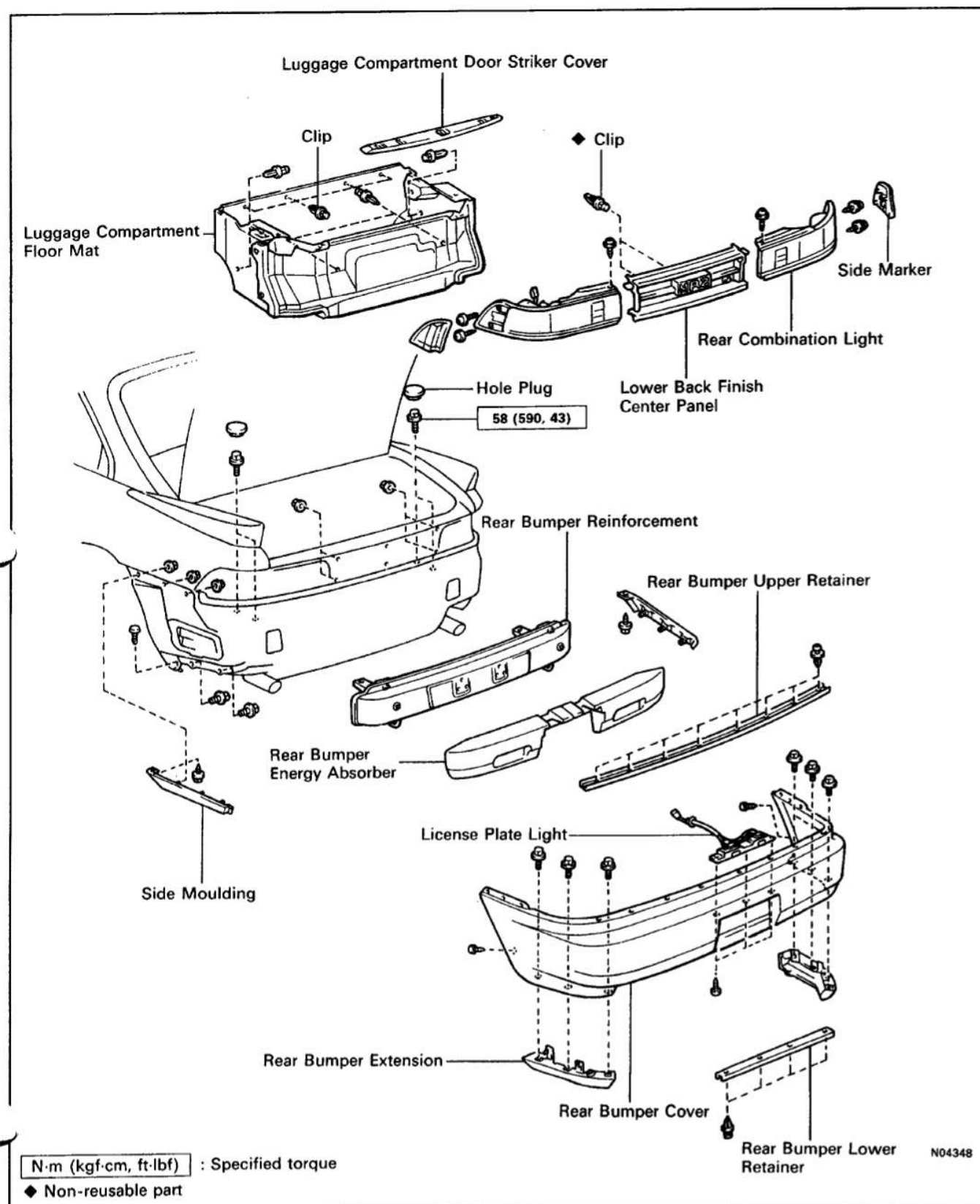
9. INSTALL QUARTER TRIM PANEL

- (a) Tap the panel to install it.
- (b) Install two clips.

**10. INSTALL ROOM PARTITION TRIM MOULDING****11. INSTALL ROOF HEADLINING REAR TRIM****12. INSTALL DOOR SCUFF PLATE**

REAR BUMPER COMPONENTS

80084-01

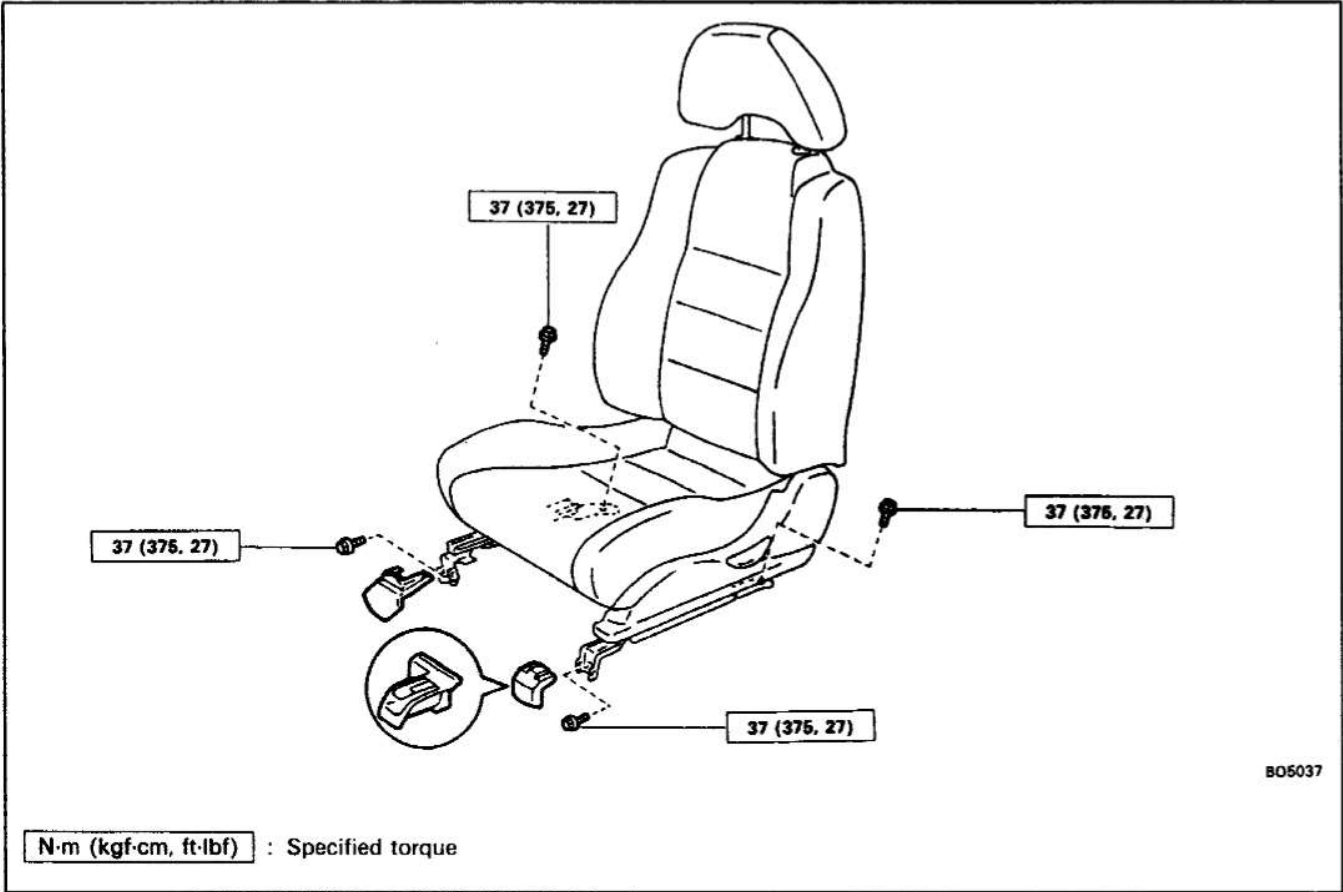


BO-78

BODY - SEAT

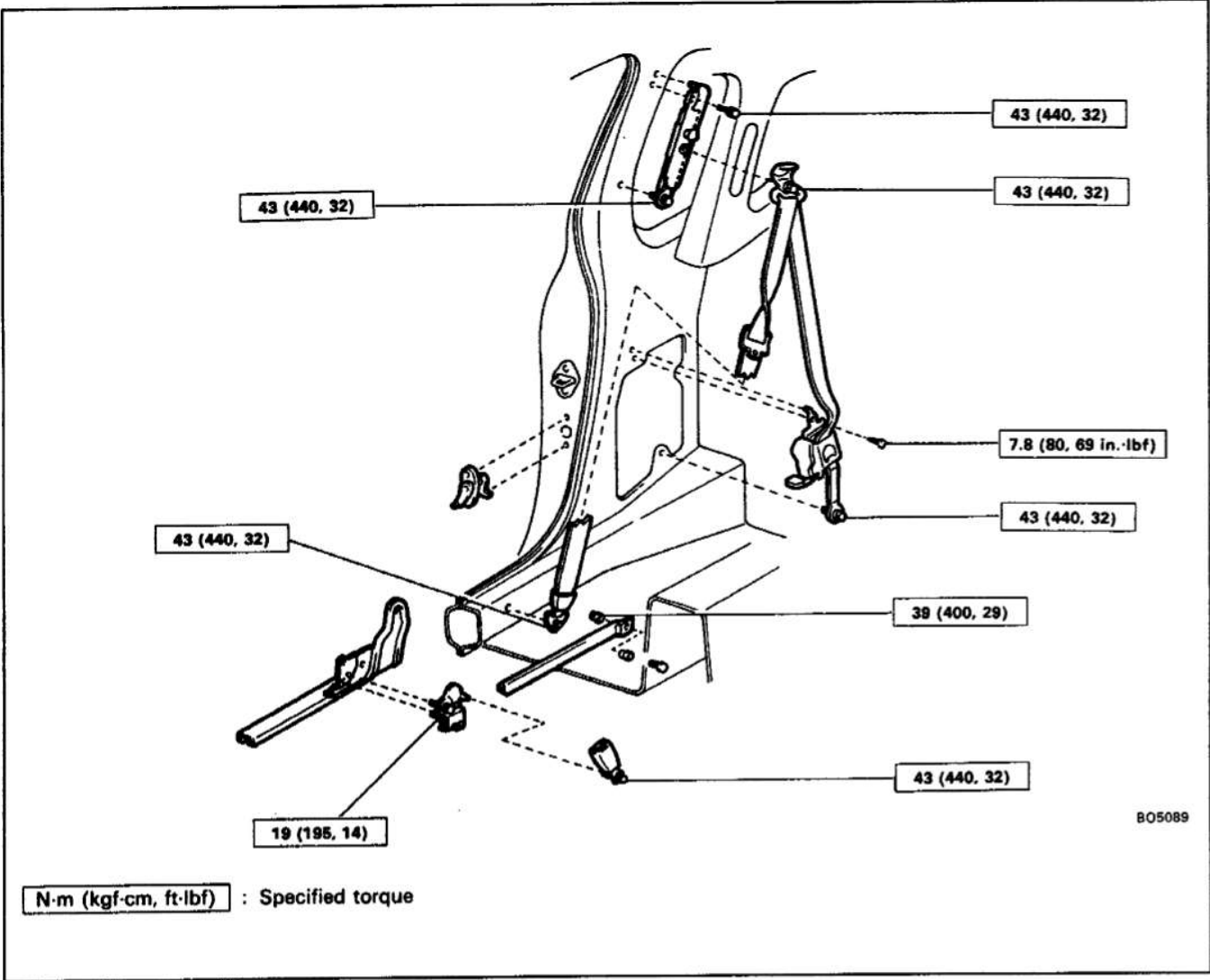
SEAT COMPONENTS

80008-01



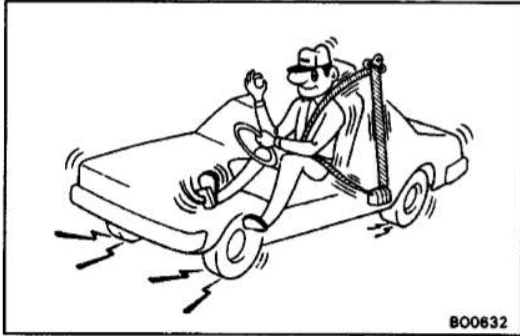
SEAT BELT
COMPONENTS

BOOCT-01



BO-80

BODY - SEAT BELT



SEAT BELT INSPECTION

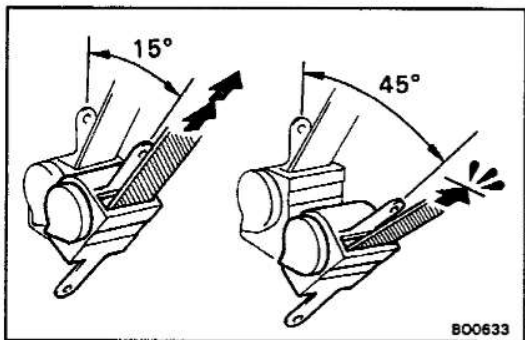
BO06U-01

[Emergency Locking Retractor (ELR) Type]

1. RUNNING TEST (IN SAFE AREA)

- (a) Fasten the front seat belts.
- (b) Drive the car at 10 mph (16 km/h) and make a very hard stop.
- (c) Check that the belt is locked 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. STATIC TEST

- (a) Verify that the belt locks when pulled out quickly.
- (b) (Passenger's belt only)
Verify that the belt cannot be pulled out further once you pull it out and allow it to retract a little.
- (c) Remove the locking retractor assembly.
- (d) Tilt the retractor slowly.
- (e) Verify 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.

BO-90**BODY – SERVICE SPECIFICATIONS**

SERVICE SPECIFICATIONS

TORQUE SPECIFICATIONS

B003J-02

Part tightened	N-m	kgf-cm	ft-lbf
FRONT BUMPER	—	—	—
Front bumper reinforcement x Body	58	590	43
Front bumper reinforcement x Foglamp bracket	58	590	43
REAR BUMPER	—	—	—
Rear bumper reinforcement x Body	52	530	38
SEAT	—	—	—
Seat adjuster x Body	37	375	27
SEAT BELT	—	—	—
Shoulder anchor x Adjustable anchor	43	440	32
Adjustable anchor x Body	43	440	32
ELR x Body	43 9.8	440 80	32 69in.-lbf
Buckle x Seat	43	440	32
Anchor plate x Body	39	400	29
Bracket x Seat	—	—	—

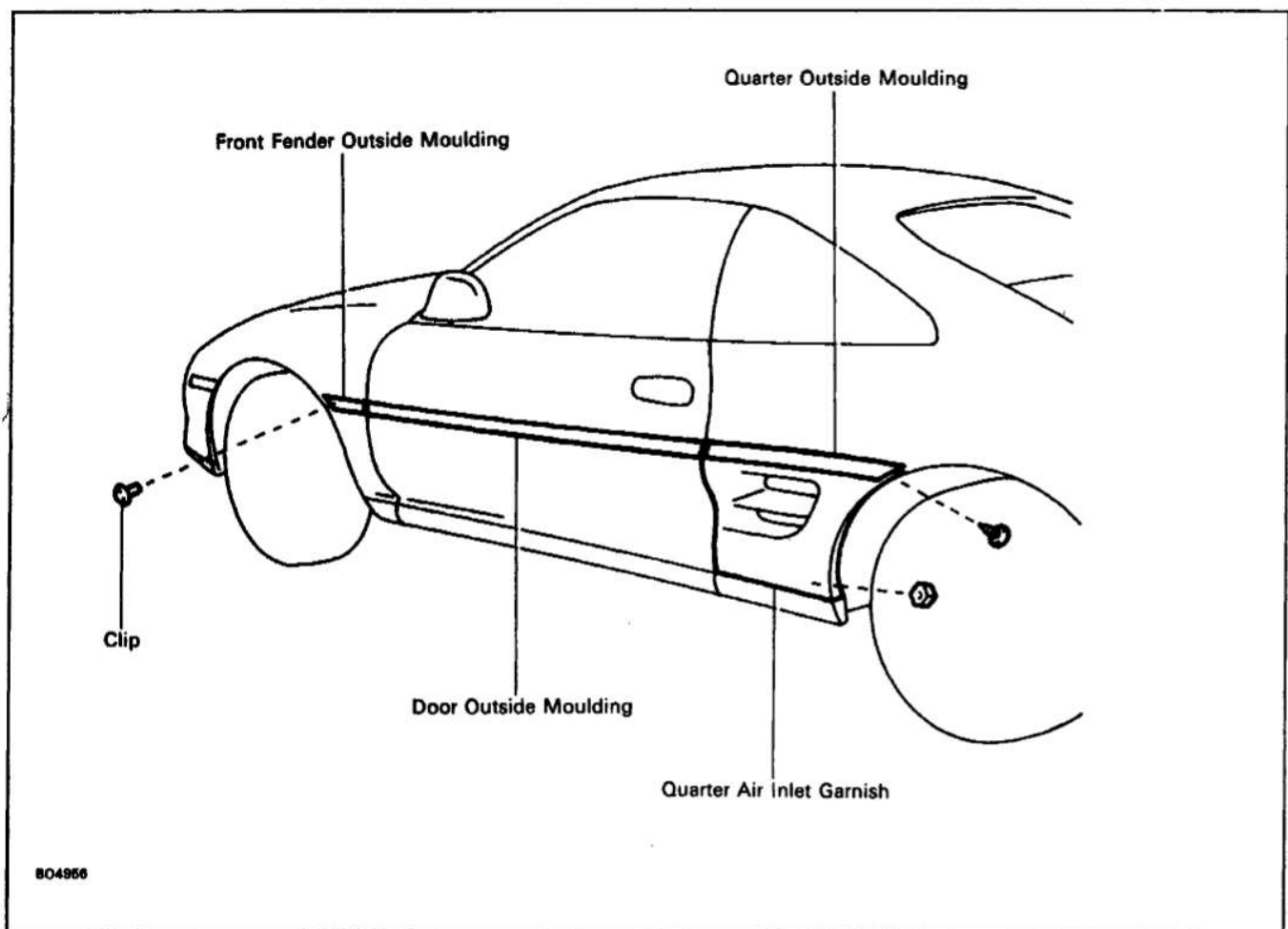
SIDE PROTECTION MOULDING

Precautions for storing moulding material:

BO085-01

- Store in cool place, avoiding direct sunlight, high temperature and dust.
- The moulding is of polyvinyl chloride, so do not allow it to come in contact with thinner or other solvent, open flame, or boiling water.
- The storage time for the moulding and adhesive are limited to about 9 months.

COMPONENTS

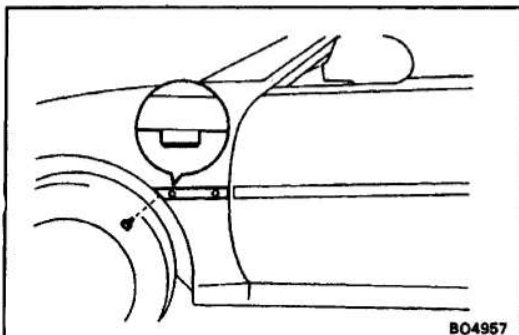


SIDE PROTECTION MOULDING REMOVAL

1. REMOVE FRONT FENDER OUTSIDE MOULDING

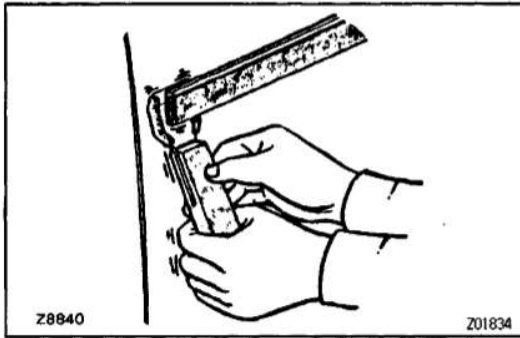
- Using the clip remover, remove the clip from the moulding.
- Pull off the moulding by cutting the adhesive with a knife.

(See step 3 on page [BO-36](#))



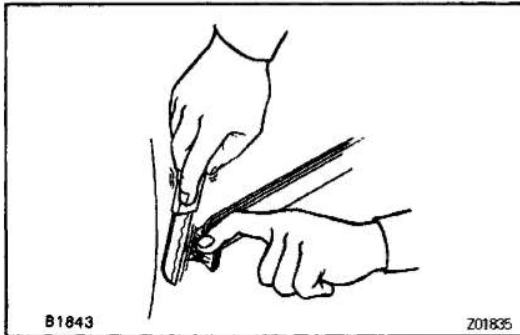
BO-36

BODY – SIDE PROTECTION MOULDING

**2. REMOVE ENDS OF MOULDING**

Using a scraper, pry the moulding loose about 30 mm (1.18 in.) from the ends.

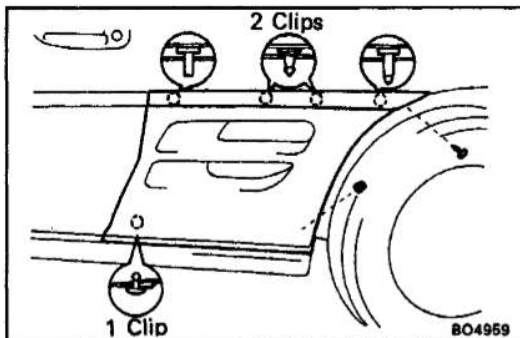
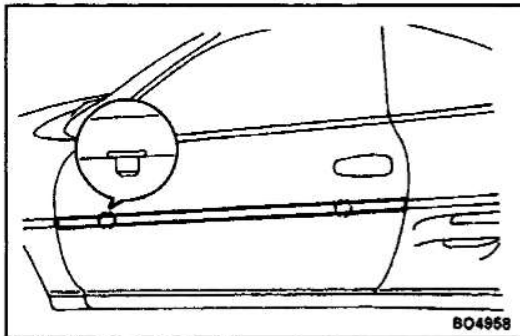
HINT: Tape the scraper tip before use.

**3. REMOVE MOULDING AND ADHESIVE**

- (a) Pull off the moulding by cutting the adhesive with a knife.
- (b) Scrape off adhesive from the body with a cutter of sandpaper.

NOTICE:

- Remember that 30–80 mm (1.18–3.15 in.) of the ends of the moulding are glued tightly with a strong adhesive.
- Do not reuse moulding.

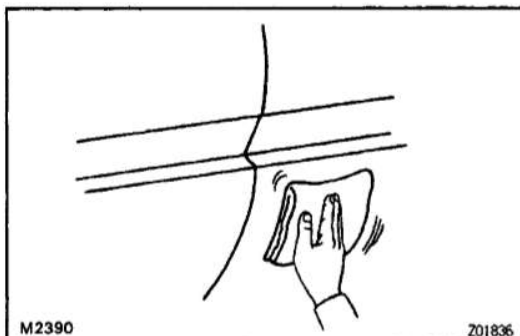
4. REMOVE DOOR OUTSIDE MOULDING**5. REMOVE QUARTER OUTSIDE MOULDING**

Remove the screw and the moulding.

6. REMOVE QUARTER AIR INLET GARNISH

- (a) Remove the nut.
- (b) Insert the screwdriver between the garnish and the panel to pry out, and remove it.

HINT: Tape the screwdriver tip before use.

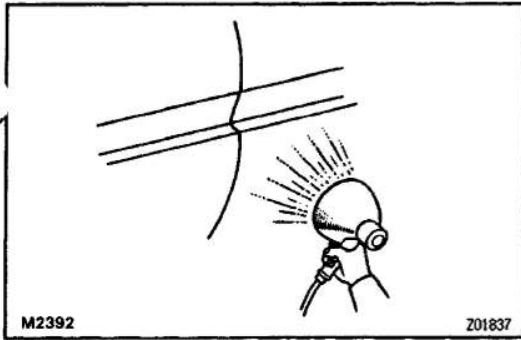
**SIDE PROTECTION MOULDING INSTALLATION**

(See page [BO-35](#))

1. CLEAN MOULDING MOUNTING SURFACE

Wipe off stains with cleaner.

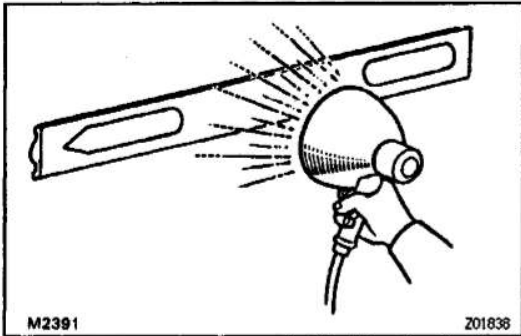
BO08U-01



2. HEAT BODY MOUNTING SURFACE

Using a heat light, heat the body mounting surface to 30–50 °C (86–122 °F).

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

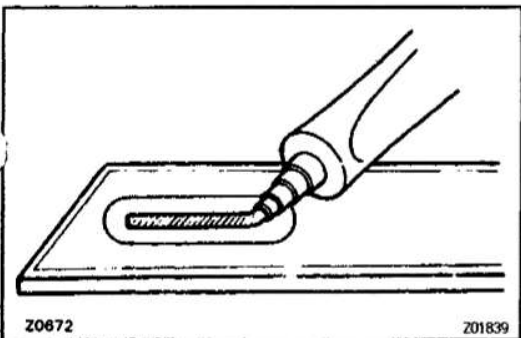


3. HEAT MOULDING

Using a heat light, heat the moulding to 30–60 °C (86–140 °F).

NOTICE: Do not heat moulding excessively.

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



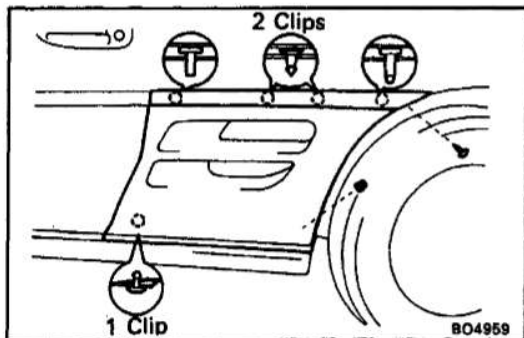
4. APPLY ADHESIVE TO DOOR OUTSIDE MOULDING

Apply adhesive to both punched out ends of the moulding.

NOTICE: Install the moulding within 7 minutes after applying the adhesive.

5. LIFT MOULDING RELEASE SHEET FROM FACE OF MOULDING

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

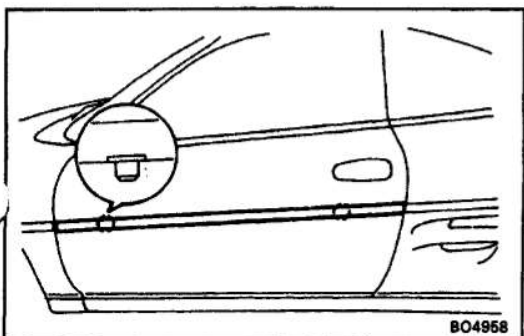


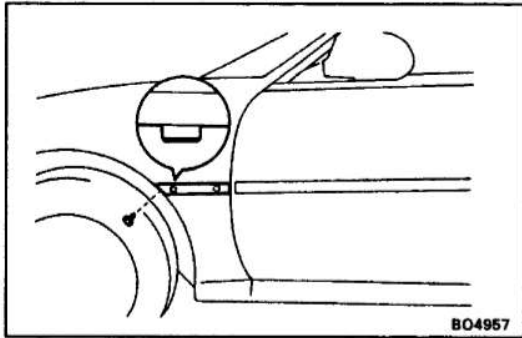
6. INSTALL QUARTER AIR INLET GARNISH

- Tap the garnish and fix it in place with the clip.
- Install the nut.

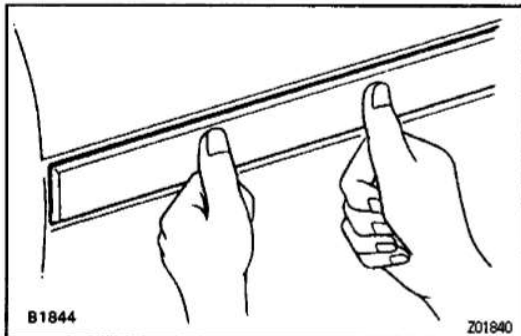
7. INSTALL MOULDING ALONG BODY PRESS LINE

- Align the bosses on the moulding with the body holes, and push the moulding to the body.
- Install the screw to the quarter outside moulding.



BO-38**BODY – SIDE PROTECTION MOULDING**

(c) Install the clip to the front fender outside moulding.

**NOTICE:**

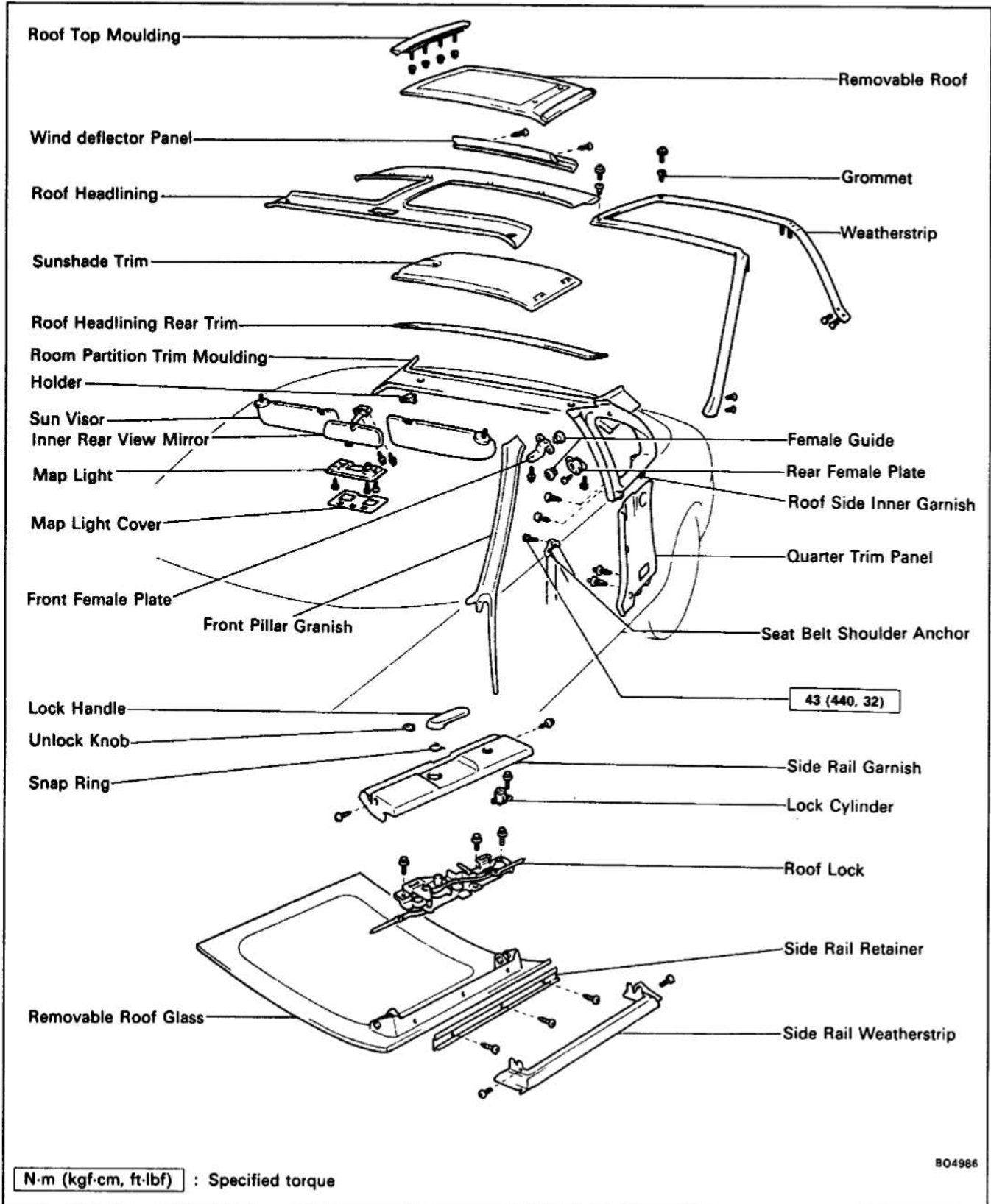
- Be sure that the body and moulding are heated to the proper temperature.
- Do not depress the adhesive-coated parts excessively just hold them down with your thumb.
- Scrape off any overflowing adhesive with a plastic spatula and clean the surface with a dry rag.
- After installation, do not wash the vehicle for 24 hours.

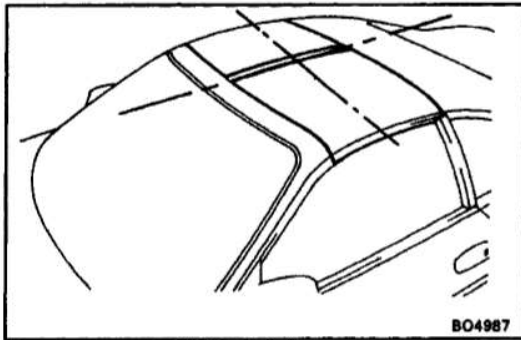
BO-54

BODY - T-BAR ROOF

T-BAR ROOF COMPONENTS

800C7-01

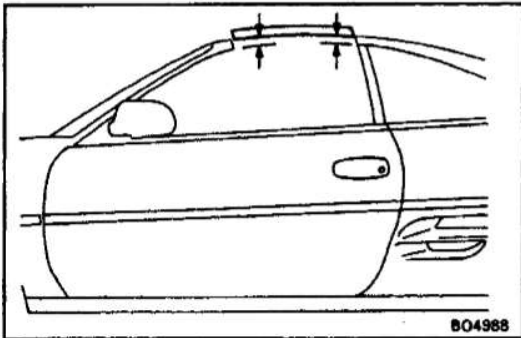




ON VEHICLE INSPECTION

INSPECT REMOVABLE ROOF ALIGNMENT

- (a) With the removable roof installed, check for washer leakage.



- (b) Check for a difference in level between the removable roof glass and the roof panel.

Level:

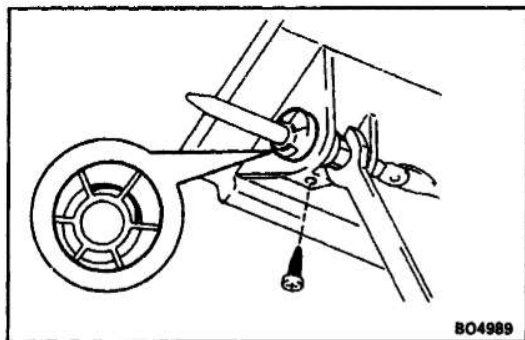
$0 \pm 1.4 \text{ mm } (0 \pm 0.055 \text{ in.})$

REMOVABLE ROOF ADJUSTMENT

1. REMOVE FOLLOWING PARTS:

(See steps 1, 2 and 5 on page [BO-58](#))

- (a) Lock handle and unlock knob
- (b) Side rail garnish
- (c) Lock guide



2. ADJUST REMOVABLE ROOF

HINT: There are two types of lock guides, one with the hole centered, and the other with its hole 1.5 mm (0.059 in.) off center. Depending on the installation position in which the off center hole is installed, the removable roof can be adjusted in four direction.

- (a) With the removable roof installed, turn the lock guide with the spanner in order to adjust the lock guide.
- (b) Install the screw.

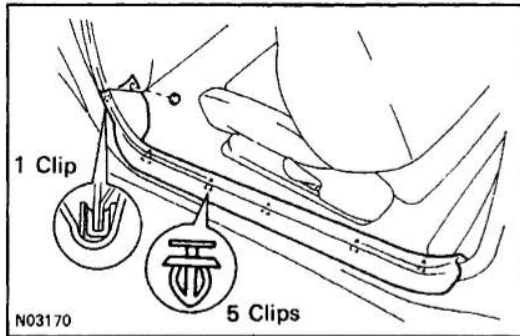
3. INSTALL FOLLOWING PARTS:

(See steps 9 and 10 on page [BO-61](#))

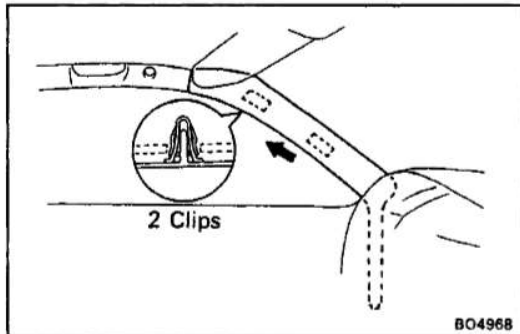
- (a) Side rail garnish
- (b) Lock handle and unlock knob

BO-56**BODY - T-BAR ROOF**

BOGCA-01

**T-BAR ROOF REMOVAL**(See page [BO-54](#))**1. REMOVE REMOVABLE ROOF AND SUNSHADE TRIM****2. REMOVE DOOR SCUFF PLATE**

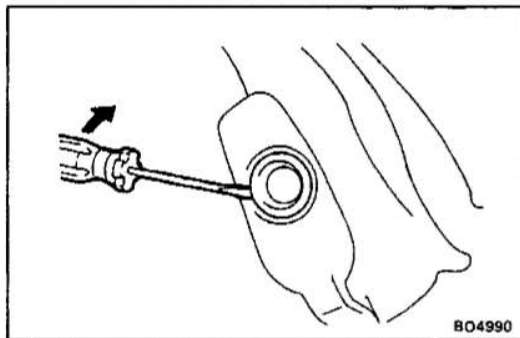
- (a) Remove the cap.
- (b) Remove the scuff plate by pulling.

**3. REMOVE FRONT PILLAR GARNISH**

- (a) Remove the clips.
- (b) Pull the garnish rearward to remove it.

4. REMOVE FOLLOWING PARTS:(See steps 6 to 8 on page [BO-42](#))

- (a) Map light cover and map light
- (b) Inner rear view mirror
- (c) Sun visors and holders

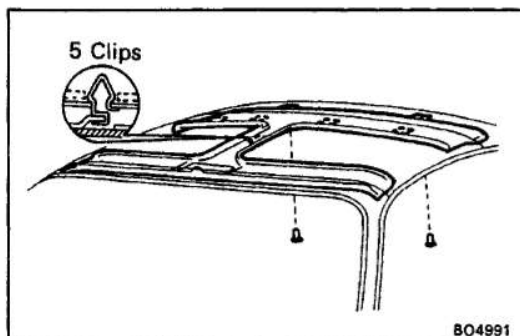
**5. REMOVE FEMALE GUIDE**

Using the screwdriver, remove the female guide from the rear female plate.

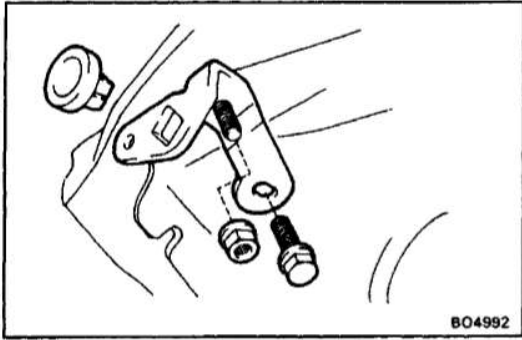
HINT: Tape the screwdriver tip before use.

6. REMOVE FOLLOWING PARTS:(See steps 2 to 6 on page [BO-48](#))

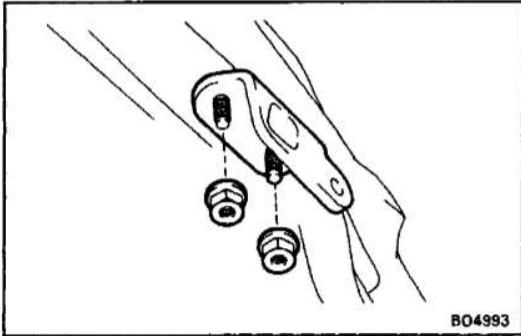
- (a) Roof headlining rear trim
- (b) Room partition trim moulding
- (c) Quarter trim panel
- (d) Seat belt shoulder anchor
- (e) Roof side inner garnish

**7. REMOVE ROOF HEADLINING**

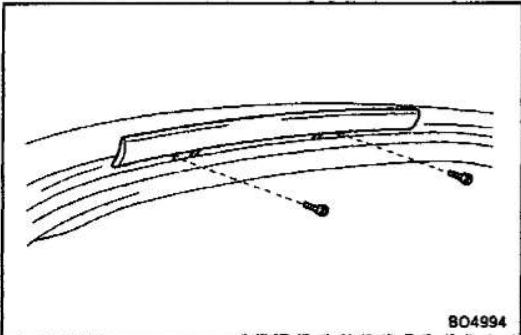
- (a) Remove two clips.
- (b) Using the screwdriver, pry loose the clips.
HINT: Tape the screwdriver tip before use.
- (c) Remove the roof headlining.

**8. REMOVE FRONT FEMALE PLATE**

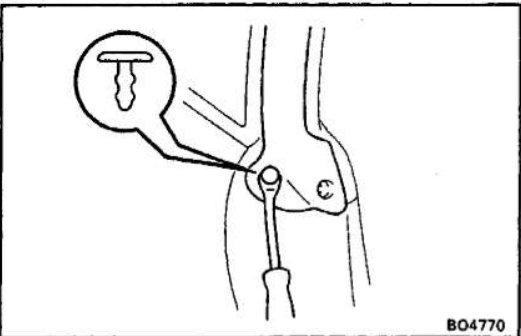
- (a) Remove the bolt, the nut and the plate.
- (b) Remove the female guide from the plate.

**9. REMOVE REAR FEMALE PLATE**

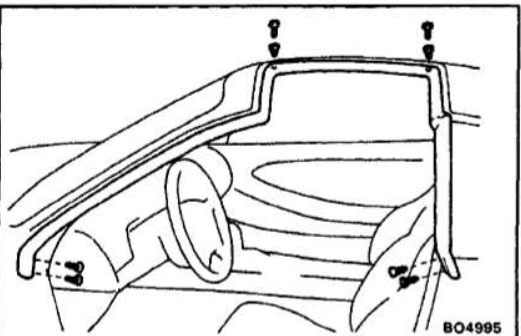
Remove two nuts and the plate.

**10. REMOVE WIND DEFLECTOR PANEL**

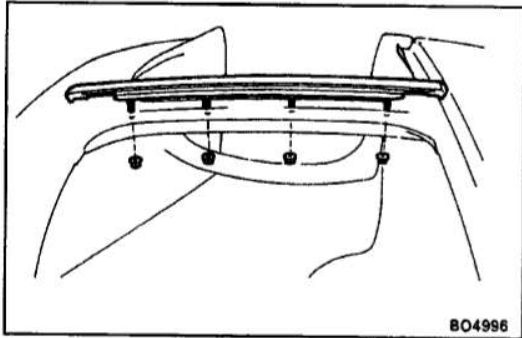
Remove two screws and the panel.

**11. REMOVE WEATHERSTRIP**

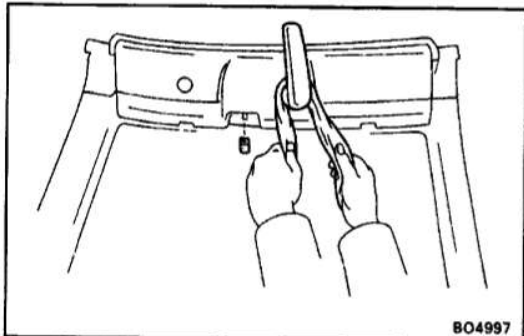
- (a) Using the clip remover, remove four clips from the weatherstrip.



- (b) Remove two screws and two grommets from the weatherstrip.
- (c) Remove the weatherstrip from the moulding and the retainer.

BO-58**BODY - T-BAR ROOF****12. REMOVE ROOFTOP MOULDING**

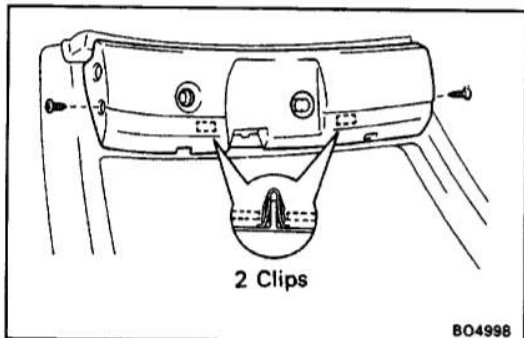
Remove four nuts and the top moulding.

**REMOVABLE ROOF DISASSEMBLY** ^{BO008-01}

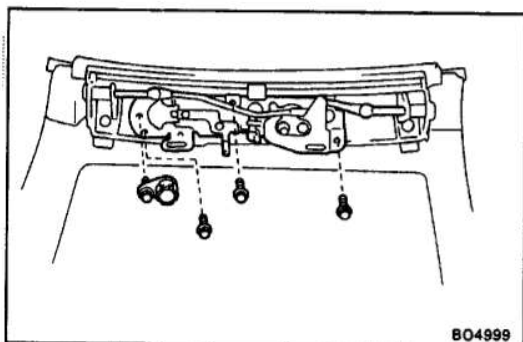
(See page [BO-54](#))

1. REMOVE LOCK HANDLE AND UNLOCK KNOB

- (a) Pull off the snap ring with a shop rag and remove the handle.
- (b) Remove the knob.

**2. REMOVE SIDE RAIL GARNISH**

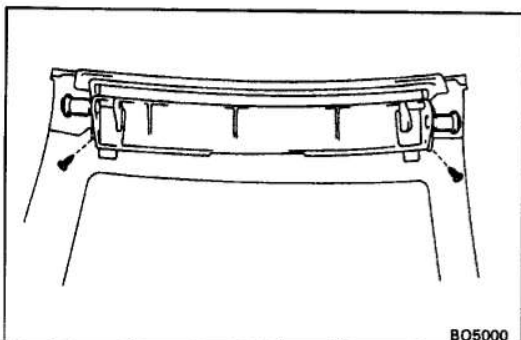
Remove two screws and the garnish.

**3. REMOVE LOCK CYLINDER**

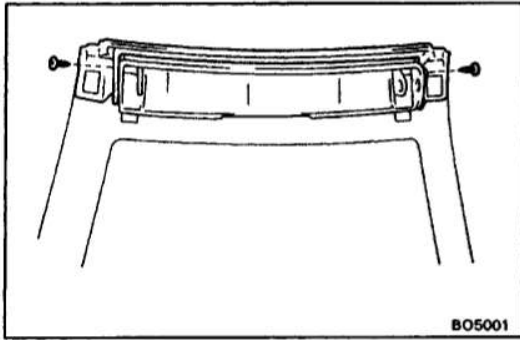
Remove the bolt and the lock cylinder.

4. REMOVE ROOF LOCK

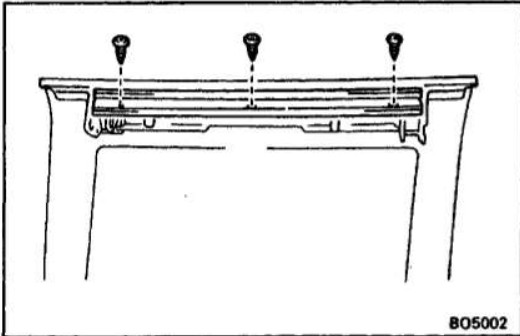
Remove three bolts and the roof lock.

**5. REMOVE LOCK GUIDE**

- (a) Remove the screw.
- (b) Pull out the lock guide.

**6. REMOVE SIDE RAIL WEATHERSTRIP**

Remove two screws and the weatherstrip.

**7. REMOVE SIDE RAIL RETAINER**

Remove three screws and the retainer.

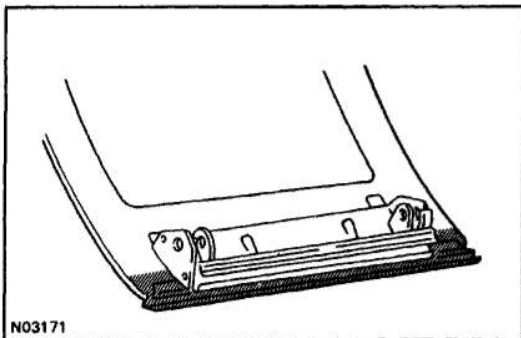
REMOVABLE ROOF ASSEMBLY

BO5000-01

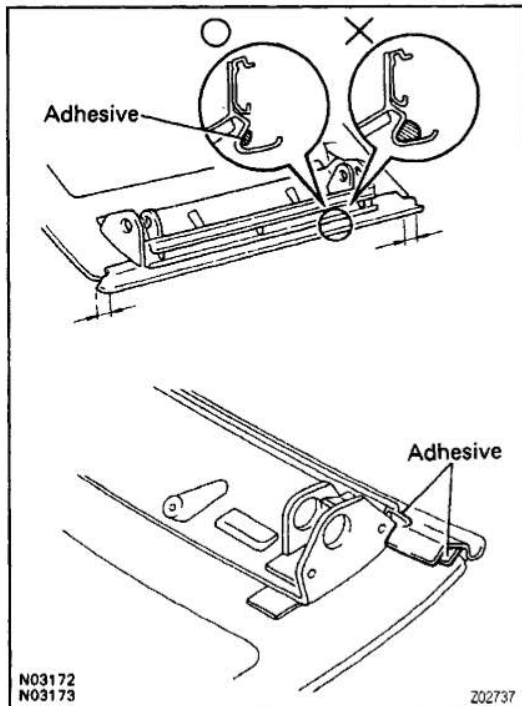
(See page [BO-54](#))

1. INSTALL SIDE RAIL RETAINER

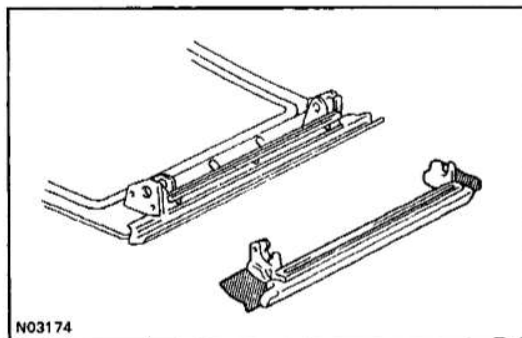
Install the retainer with three screws.

**2. CLEAN GLASS SUB-ASSY**

Using cleaner, clean the glass sub-assy surface.

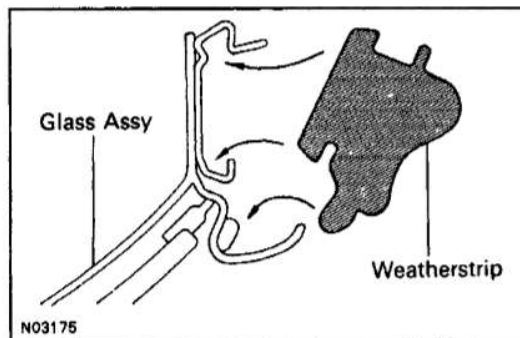
BO-60**BODY - T-BAR ROOF****3. APPLY ADHESIVE**

Apply adhesive as shown in the illustration.

**4. INSTALL WEATHERSTRIP**

- (a) Set the both ends of weather strip on glass sub-assembly.

HINT: Before installing the new moulding, peel off the backing papers on the moulding.



- (b) Install the weatherstrip in order shown.

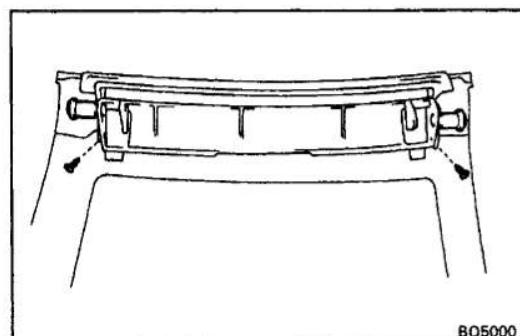
- (c) Install two screws.

5. INSPECT FOR LEAKS AND REPAIR

- (a) Perform a leak test after hardening time has elapsed.

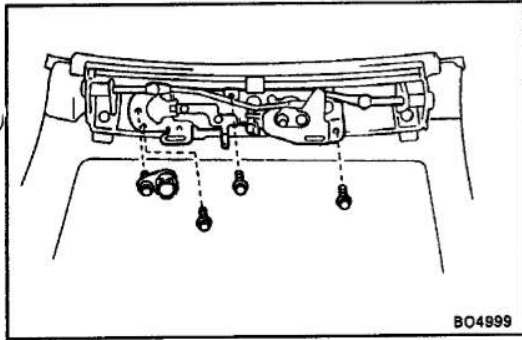
- (b) Seal any leaks with auto glass sealer.

Part No.08833-00030 or equivalent

**6. INSTALL LOCK GUIDE**

- (a) Insert the lock guide.

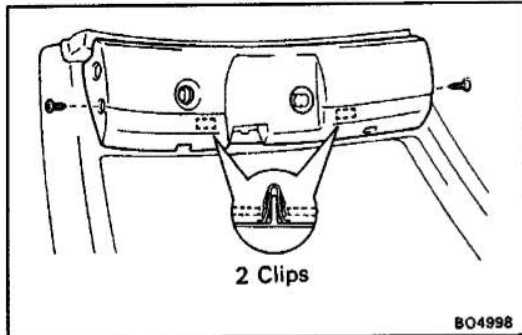
- (b) Install the screw.

**7. INSTALL ROOF LOCK**

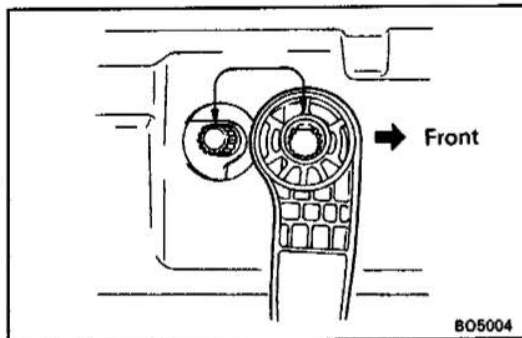
Install the roof lock with three bolts.

8. INSTALL LOCK CYLINDER

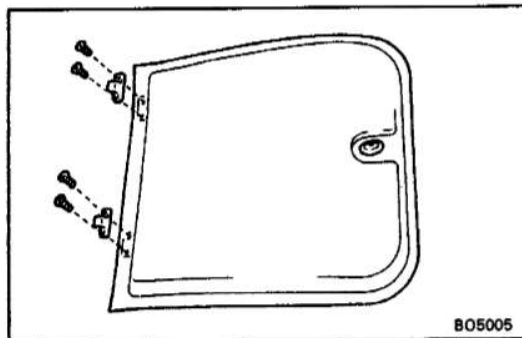
Install the lock cylinder with the bolt.

**9. INSTALL SIDE RAIL GARNISH**

Install the garnish with two screws.

**10. INSTALL LOCK HANDLE AND UNLOCK KNOB**

- Install the snap ring to the lever.
- Install the handle to the shaft as shown.
- Install the knob.

**SUNSHADE TRIM DISASSEMBLY**

(See page [BO-54](#))

REMOVE SUNSHADE TRIM HOLDER

Remove two screws and the holder.

BO000-01

SUNSHADE TRIM ASSEMBLY

(See page [BO-54](#))

INSTALL SUNSHADE TRIM HOLDER

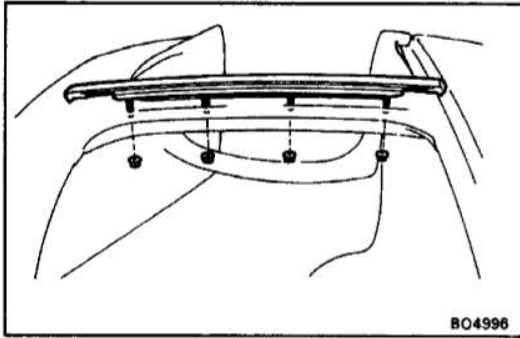
Install the holder with two screws.

BO000-01

BO-62

BODY - T-BAR ROOF

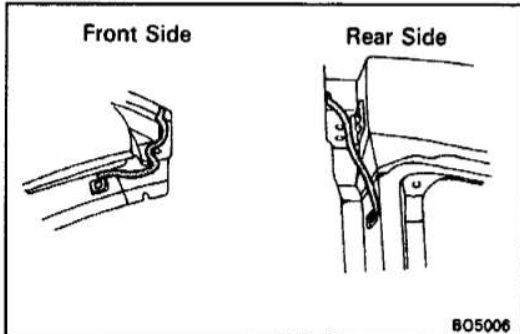
BOOCF-01

**T-BAR ROOF INSTALLATION**

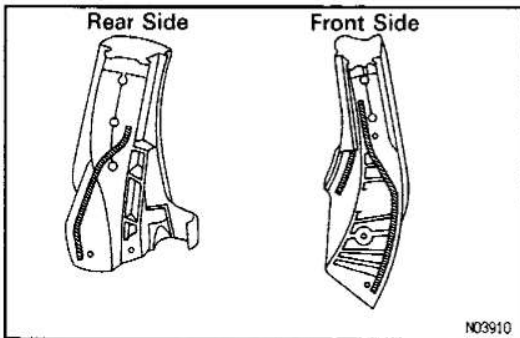
(See page BO -54)

1. INSTALL ROOF TOP MOULDING

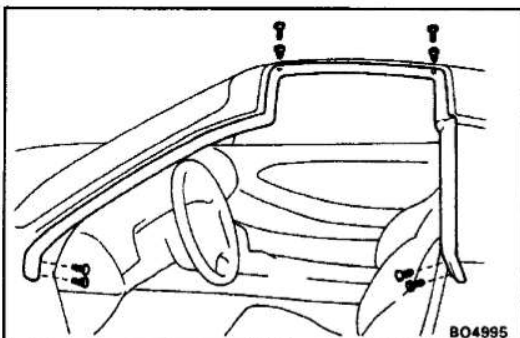
Install the top moulding with four nuts.

**2. INSTALL WEATHERSTRIP**

(a) Install the seal to the body.



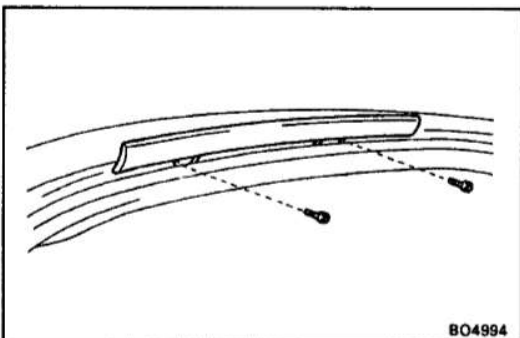
(b) Install the seal to the weatherstrip.



(c) Install the weatherstrip to the moulding and the re-tainer.

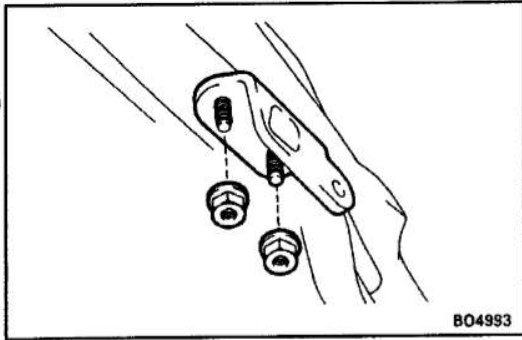
(d) Install two screws and two grommets to the weatherstrip.

(e) Install four clips.

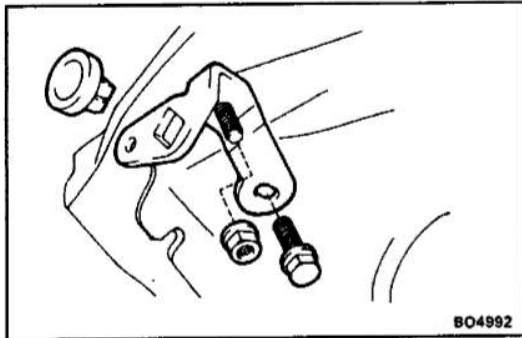
**3. INSTALL WIND DEFLECTOR PANEL**

Install the panel with two screws.

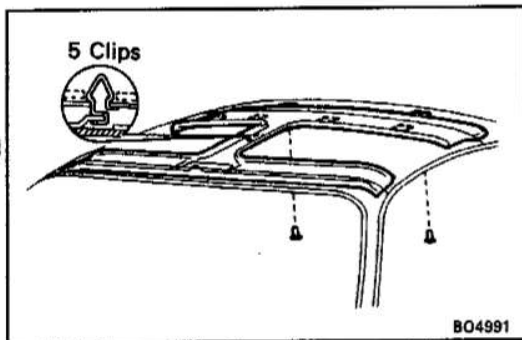
BODY - T-BAR ROOF

**4. INSTALL REAR FEMALE PLATE**

Install the plate with two nuts.

**5. INSTALL FRONT FEMALE PLATE**

- (a) Install the female guide to the plate.
- (b) Install the plate with the bolt and the nut.

**6. INSTALL ROOF HEADLINING**

- (a) Tap the headlining and fix it in place with the clips.
- (b) Install two clips.

7. INSTALL FOLLOWING PARTS:

- (a) Roof side inner garnish
- (b) Seat belt shoulder anchor
Torque: 43 N-m (440 kgf-cm, 32 ft-lbf)
- (c) Quarter trim panel
- (d) Room partition trim moulding
- (e) Roof headlining rear trim
- (f) Sun visors and holders
- (g) Inner rear view mirror
- (h) Map light and map light cover
- (i) Front pillar garnish
- (j) Door scuff plate

8. INSTALL FEMALE GUIDE

- (a) Install the guide to the rear female plate.
- (b) Install the screw.

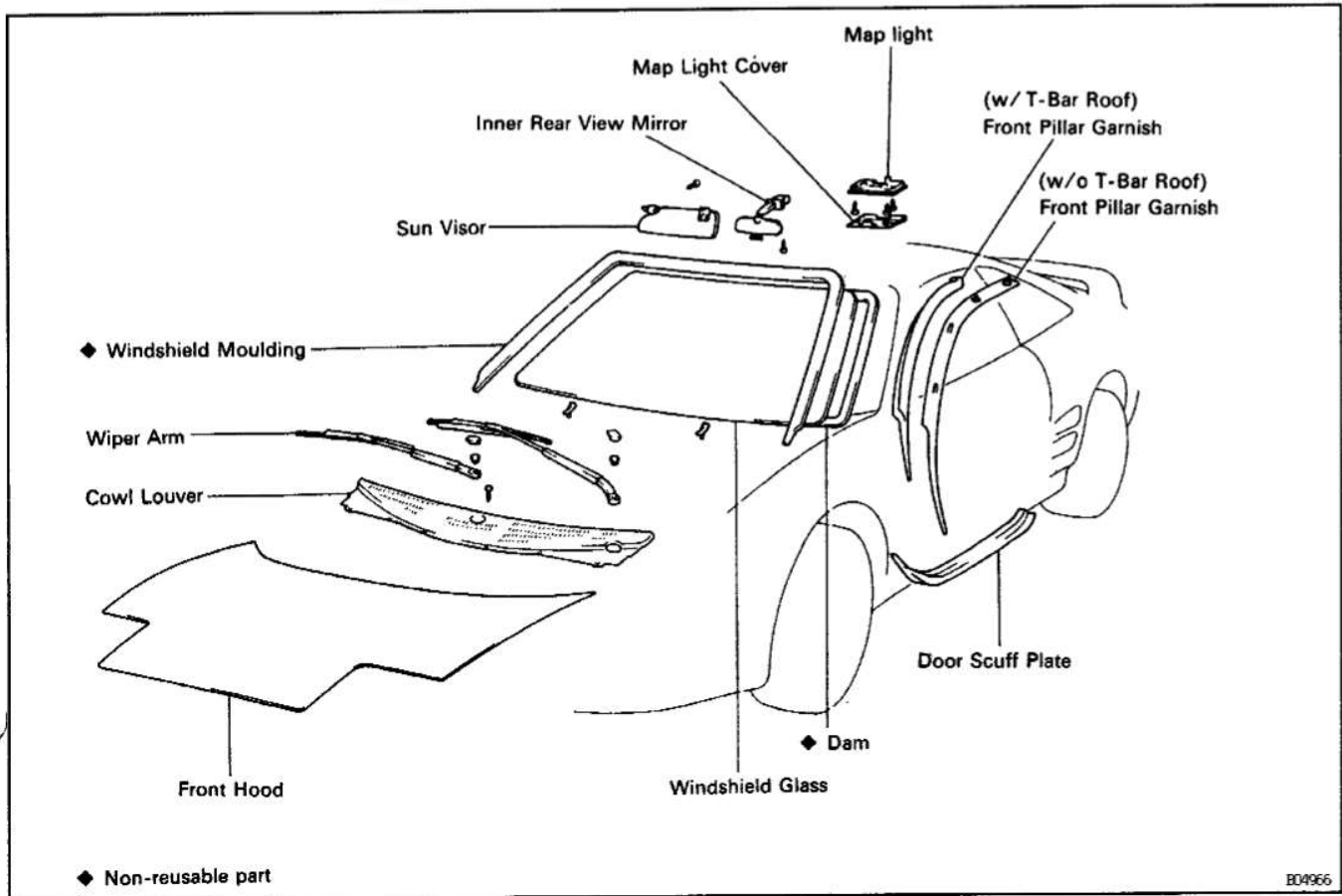
9. ADJUST REMOVABLE ROOF

(See page [BO-55](#))

10. INSTALL REMOVABLE ROOF AND SUNSHADE TRIM

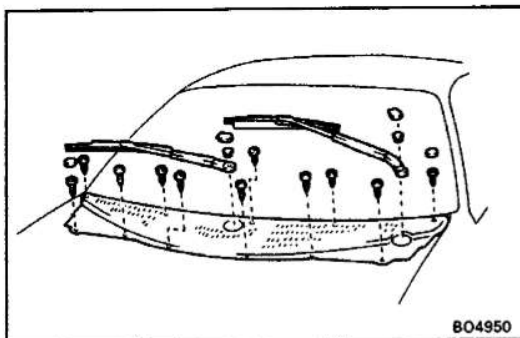
WINDSHIELD COMPONENTS

BOBY-01



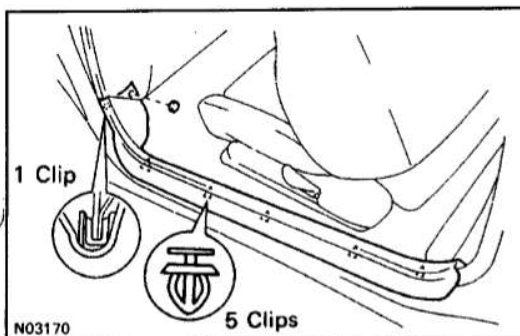
BO4966

BOBZ-01



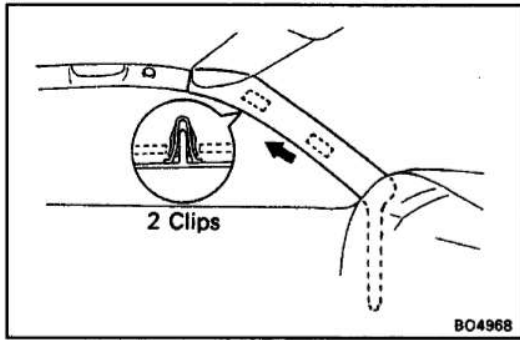
WINDSHIELD REMOVAL

1. **REMOVE FRONT HOOD**
2. **REMOVE WIPER ARMS**
 - (a) Remove two caps.
 - (b) Remove two nuts and two wiper arms.
3. **REMOVE COWL LOUVER**
 - (a) Remove two covers.
 - (b) Remove eleven screws and the cowl louver.
4. **REMOVE DOOR SCUFF PLATE**
 - (a) Remove the cap.
 - (b) Remove the scuff plate by pulling.



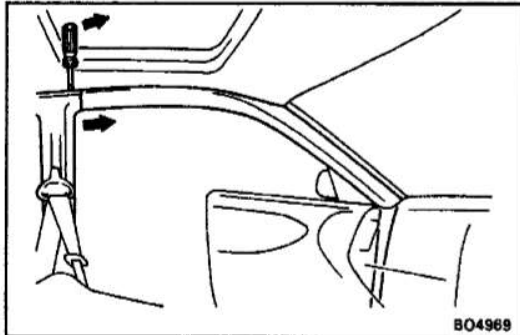
BO-42

BODY - WINDSHIELD



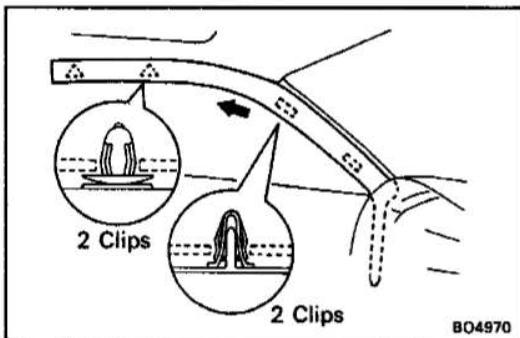
5. REMOVE FRONT PILLAR GARNISH (w/ T-Bar Roof)

- (a) Remove the removable roof.
- (b) Remove the clips by your hand.
- (c) Pull the garnish rearwards to remove it.

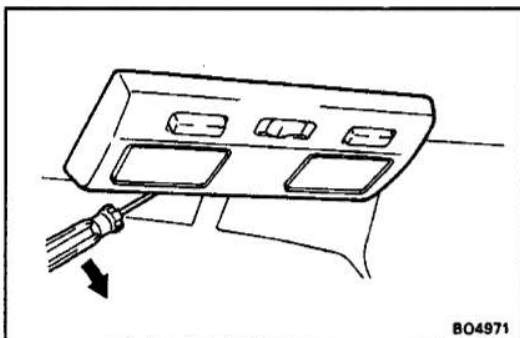


(w/o T-Bar Roof)

- (a) Pull out the garnish from the roof side inner garnish.



- (b) Remove the clips by your hand.
- (c) Pull the garnish rearwards to remove it.



6. REMOVE MAP LIGHT COVER

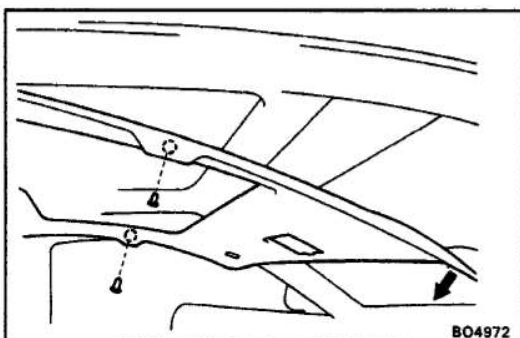
Using the screwdriver, remove the cover.
HINT: Tape the screwdriver tip before use.

7. REMOVE MAP LIGHT

Remove three screws and the light.

8. REMOVE FOLLOWING PARTS:

- Inner rear view mirror
- Sun visors and holders

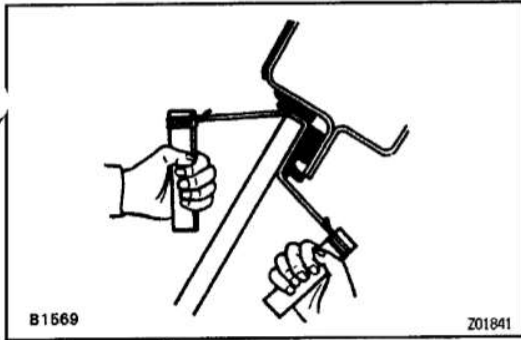


9. PULL DOWN FRONT SIDE OF ROOF HEADLINING

- (a) Remove two clips.
 - (b) Pull down the headlining by hand.
- NOTICE:** Do not damage the roof headlining.

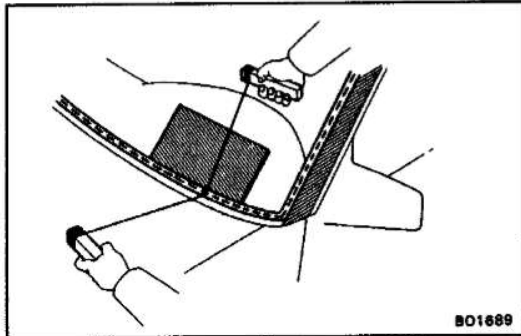
10. REMOVE WINDSHIELD MOULDING

(See step 3 on page B4-30)



11. REMOVE WINDSHIELD GLASS

- Push piano wire through from the interior.
- Tie both wire ends to a wooden block or like object.
HINT: Apply adhesive tape to the outer surface to keep the surface from being scratched.

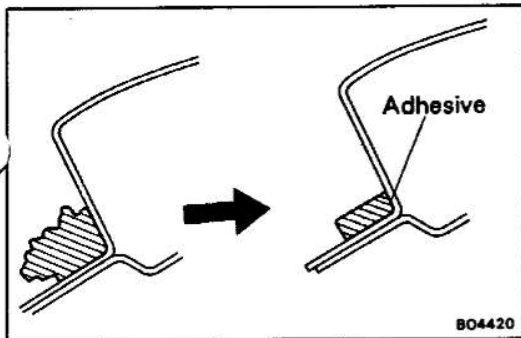


NOTICE: When separating, take care not to damage the paint and interior and exterior ornaments.

To prevent scratching the safety pad when removing the windshield, place a plastic sheet between the piano wire and safety pad.

- Cut the adhesive by pulling the piano wire around it.
- Remove the glass.

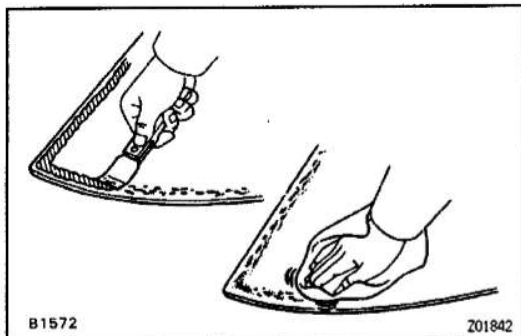
NOTICE: Leave as much of the urethane layer on the body as possible when cutting off the glass.



WINDSHIELD INSTALLATION

1. CLEAN AND SHAPE CONTACT SURFACE OF BODY

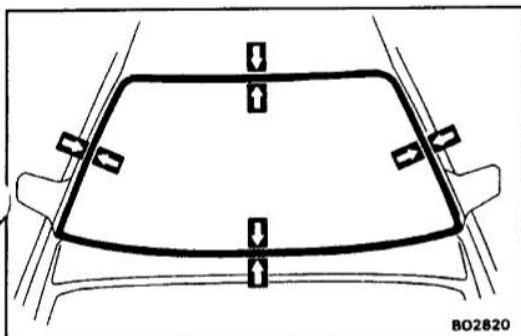
- Remove the retainers.
- Remove any dam remaining on the body.
- Cut away any rough areas with a knife.
HINT Leave as much of the urethane layer on the body as possible.
- Clean the cutting surface of the urethane gum with a piece of shop rag saturated in cleaner.
HINT: Even if all the urethane has been removed, clean the body.



2. CLEAN REMOVED GLASS BEFORE INSTALLATION

- Using a scraper, remove the urethane gum sticking to the glass.
- Clean the glass with cleaner.

NOTICE: Do not touch the glass after cleaning it.

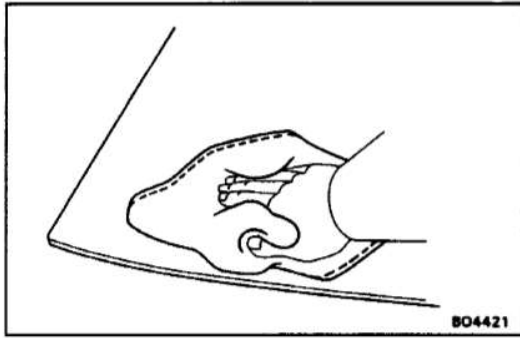


3. POSITION GLASS

- Place in correct position.
- Check that all contacting parts of the glass rim are perfectly even and do not make contact with the fasteners.
- Place reference marks between the glass and body.
- Remove the glass.

BO-44

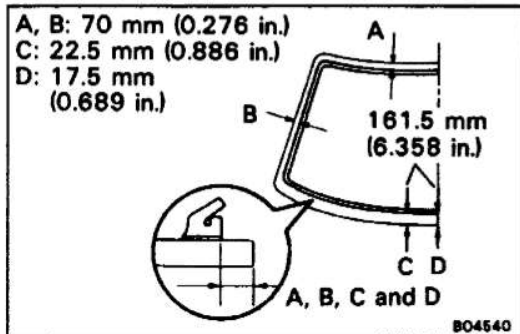
BODY - WINDSHIELD



4. CLEAN CONTACT SURFACE GLASS

Using cleaner, clean the contact surface black-colored area around the entire glass rim.

NOTICE: Do not touch the glass face after cleaning it.



5. INSTALL DAM

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

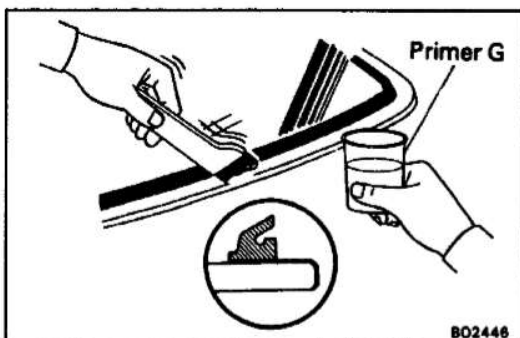
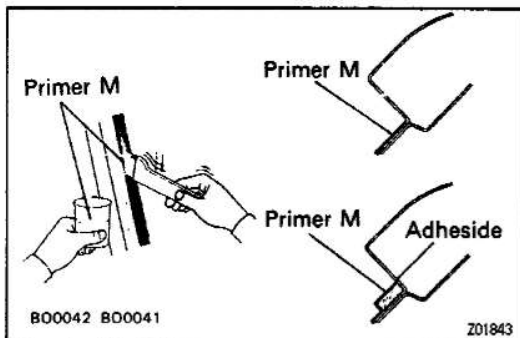
NOTICE: Do not touch the glass face after cleaning it.

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

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

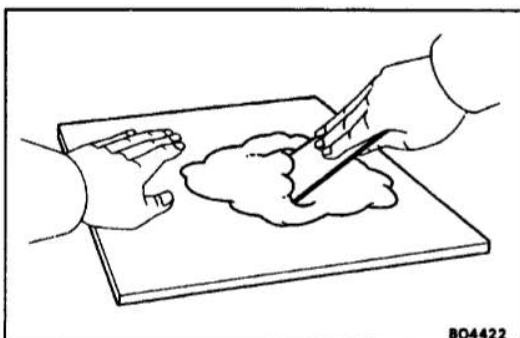
NOTICE:

- Let the Primer coating dry for 10 minutes or more. Make sure that the installation of the glass is finished within 2 hours.
- Use care not to leave any part of the contact surface uncoated or excessively coated, as Primer M and G serve to boost the adhesive power of the urethane to the glass or body.
- Do not keep any of the opened Primer M and G for later use.



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

- Using a brush or sponge, coat the edge of the glass and the contact surface with Primer G.
 - Before the Primer dries, wipe off with a clean cloth.
- NOTICE:** Be sure that installation of the glass is finished within 70 minutes.

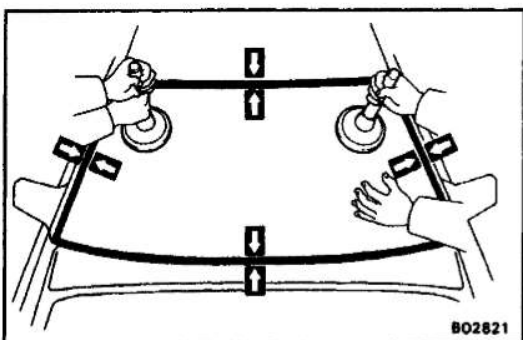
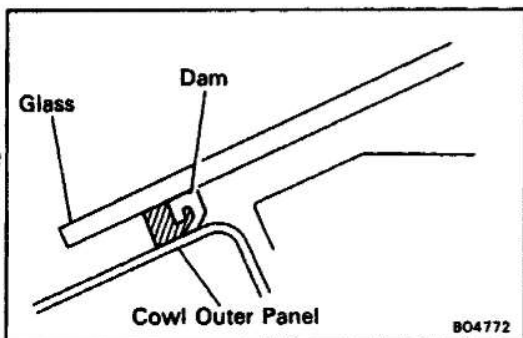
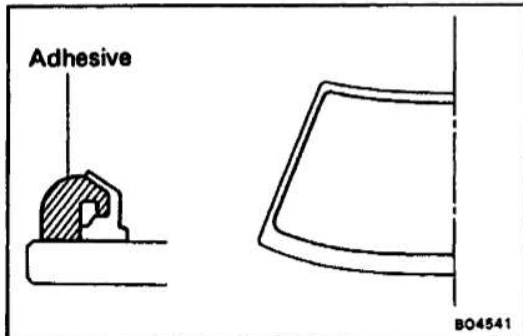


8. MIX ADHESIVE COATING

NOTICE:

- Be sure that installation of the glass is finished within usable time. (See step 2 on page BO-8)
 - The mixture should be made in 5 minutes or less.
- Thoroughly clean the glass plate and putty spatula with solvent.

- (b) Thoroughly mix 500 g (17.64 oz.) of the main agent and 75 g (2.65 oz.) of the hardening agent on a glass plate or like object with a putty spatula.



8. APPLY ADHESIVE

- (a) Cut off the tip of the cartridge nozzle to make a hole 5 mm (0.20 in.) in diameter. Fill the cartridge with adhesive.
- (b) Load the cartridge into the sealer gun.
- (c) Coat the glass with adhesive on all contact surfaces along the ridge.

Adhesive height:

If adhesive remains on body

3.5 mm (0.138–0.197 in.)

If no adhesive remains on body

8–10 mm (0.31–0.39 in.)

10. INSTALL GLASS

HINT: Confirm that the dam is attached the body panel as shown in the drawing.

- (a) Position the glass so that the reference marks are lined up, and press in gently along the rim.
- (b) Using a spatula, apply adhesive on the glass rim.
- (c) Use a spatula to remove any excess or protruding adhesive.
- (d) Fasten glass securely until the adhesive sets.

11. INSPECT FOR LEAKS AND REPAIR

- (a) Perform a leak test after the hardening time has elapsed.
- (b) Seal any leaks with auto glass sealer. Part No.08833–00030 or equivalent

12. INSTALL FOLLOWING PARTS:

- Windshield moulding (See page [BO-31](#))
- Front side of roof headlining
- Inner rear view mirror, sun visors and holders
- Map light and map light cover
- Front pillar garnish and door scuff plate
- Cowl louver and wiper arms

BO-46**BODY – WINDSHIELD**

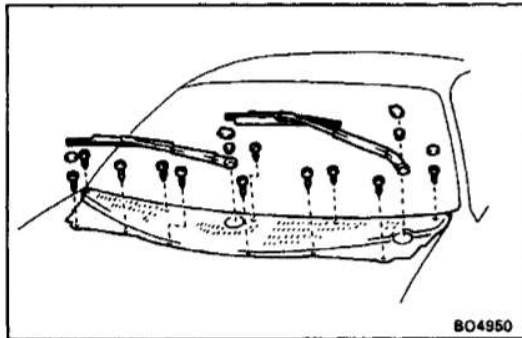
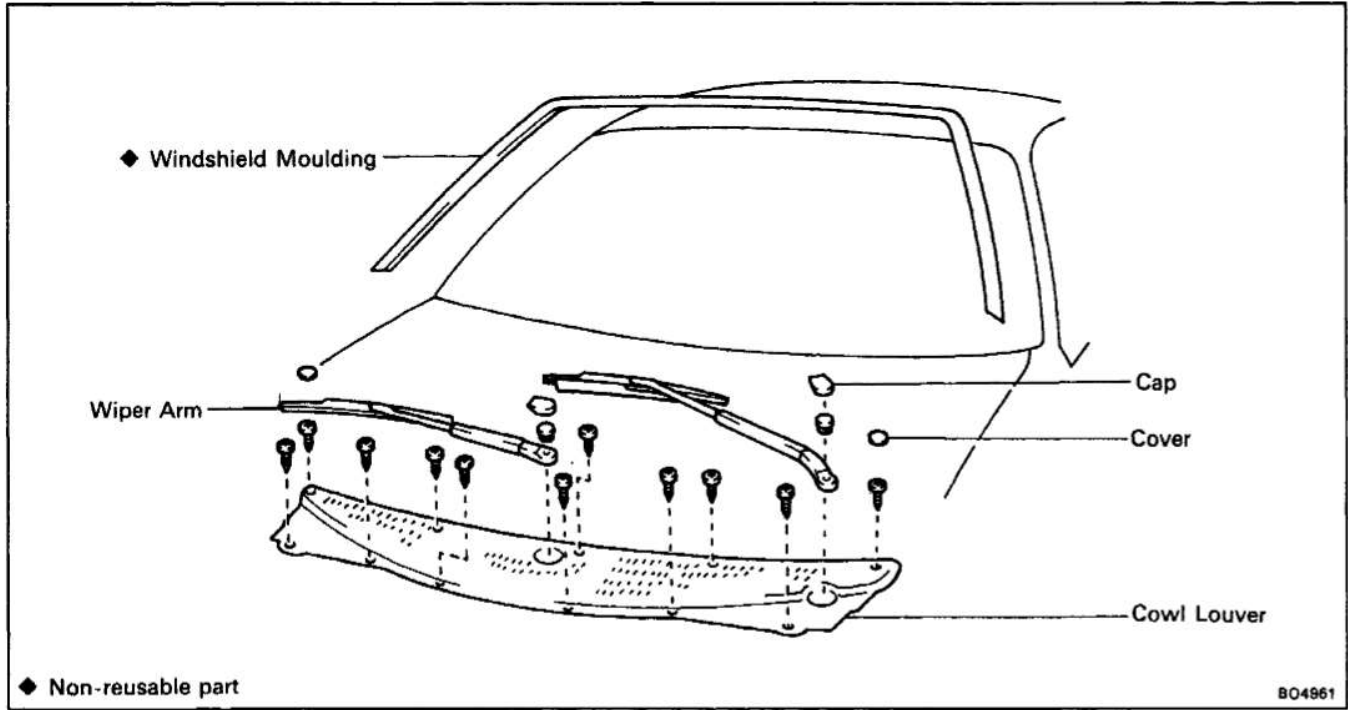
13. INSTALL AND ADJUST FRONT HOOD**(see page BO – 12)****NOTICE:** Wait at least twice the setting time before driving the car.

BO-30

BODY - WINDSHIELD MOULDING

WINDSHIELD MOULDING COMPONENTS

8008G-01



WINDSHIELD MOULDING REMOVAL

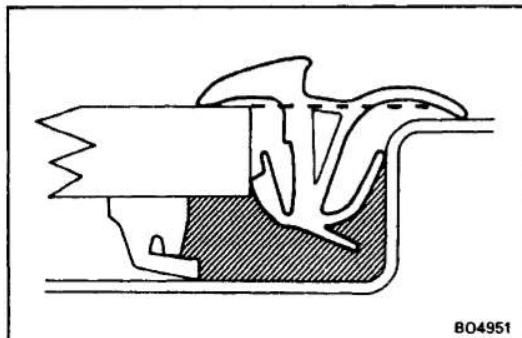
8008H-01

1. REMOVE WIPER ARMS

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

2. REMOVE COWL LOUVER

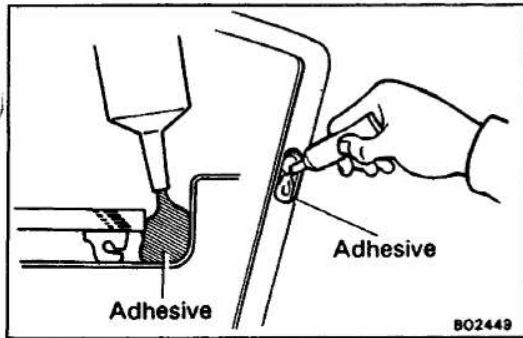
- (a) Remove two covers.
- (b) Remove eleven screws and the cowl louver.



3. REMOVE WINDSHIELD MOULDING

Using a knife, cut off the moulding as shown.

NOTICE: Do not damage the body with the knife.



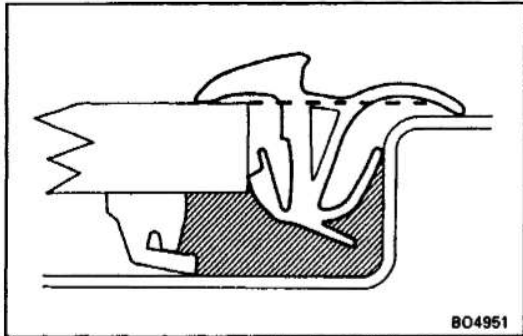
WINDSHIELD MOULDING INSTALLATION

(See page [BO-30](#))

1. CUT ADHESIVE AT MOULDING INSTALLATION AREA

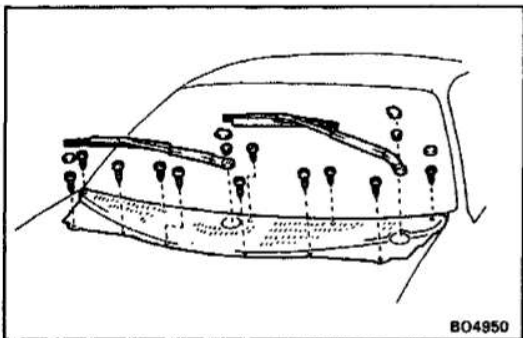
Using the knife, cut off the adhesive around the moulding installation area.

2. APPLY ADHESIVE AT MOULDING INSTALLATION AREA



3. INSTALL WINDSHIELD MOULDING

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



4. INSTALL COWL LOUVER

- (a) Install the cowl louver with eleven screws.
- (b) Install two covers.

5. INSTALL WIPER ARMS

- (a) Install two wiper arms with two nuts.
- (b) Install two caps.