

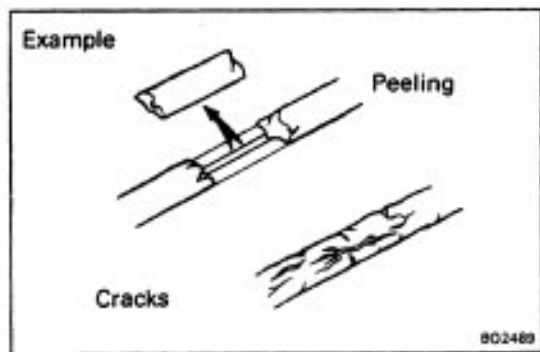
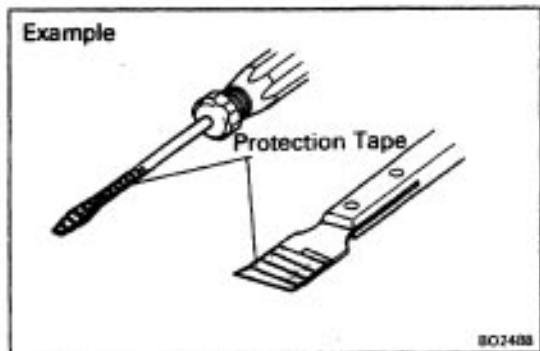
# BODY

## GENERAL INFORMATION

If there is a possibility that the body and/or parts may be damaged, first remove the danger before performing repair operations.

Example:

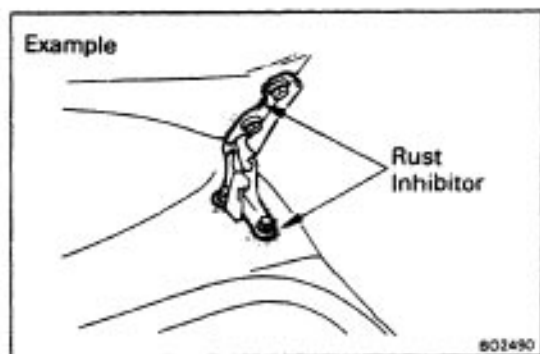
1. Apply protection tape to the body adjacent to the body part when removing and installing.
2. When prying off the body parts with a screwdriver or scraper, etc., be sure to apply protection tape to the tip or blade to prevent damage to the paint film or body part.

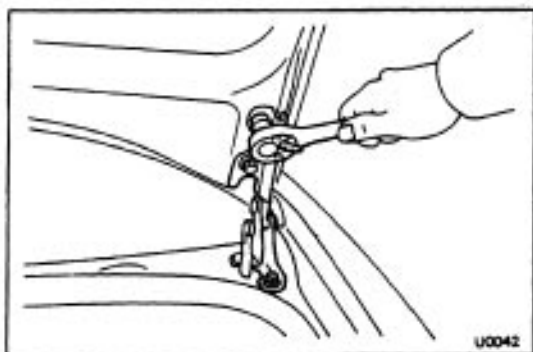


If anti-rust agents are damaged while repairing other parts, be sure to repair the anti-rust agent.

Example:

1. If body sealer, paint film or undercoat are damaged by peeling, cracks, etc., be sure to repair each with an antirust agent.
2. If a hinge or exterior body panel is loosened or removed, be sure to apply rust inhibitor after repairs.



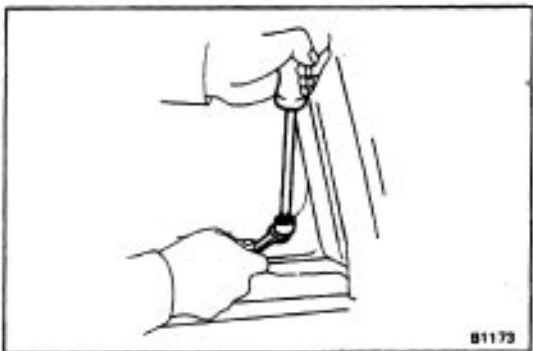


## HOOD

### ADJUSTMENT OF HOOD

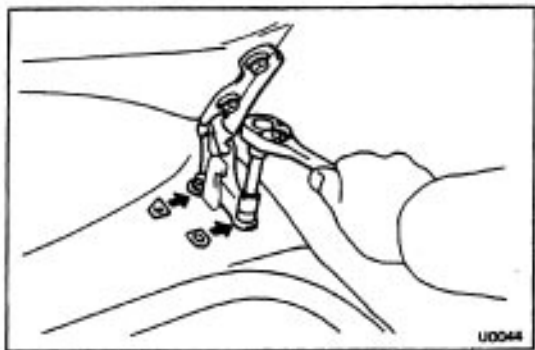
#### 1. ADJUST HOOD IN FORWARD/REARWARD AND LEFT/RIGHT DIRECTIONS

Adjust the hood by loosening the hood side hinge bolts.



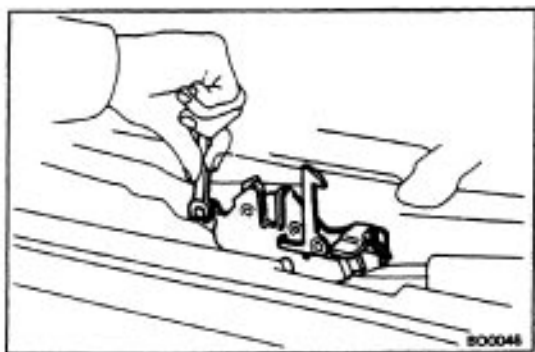
#### 2. ADJUST FRONT EDGE OF HOOD IN VERTICAL DIRECTION

Adjust the hood by turning the cushions.



#### 3. ADJUST REAR EDGE OF HOOD IN VERTICAL DIRECTION

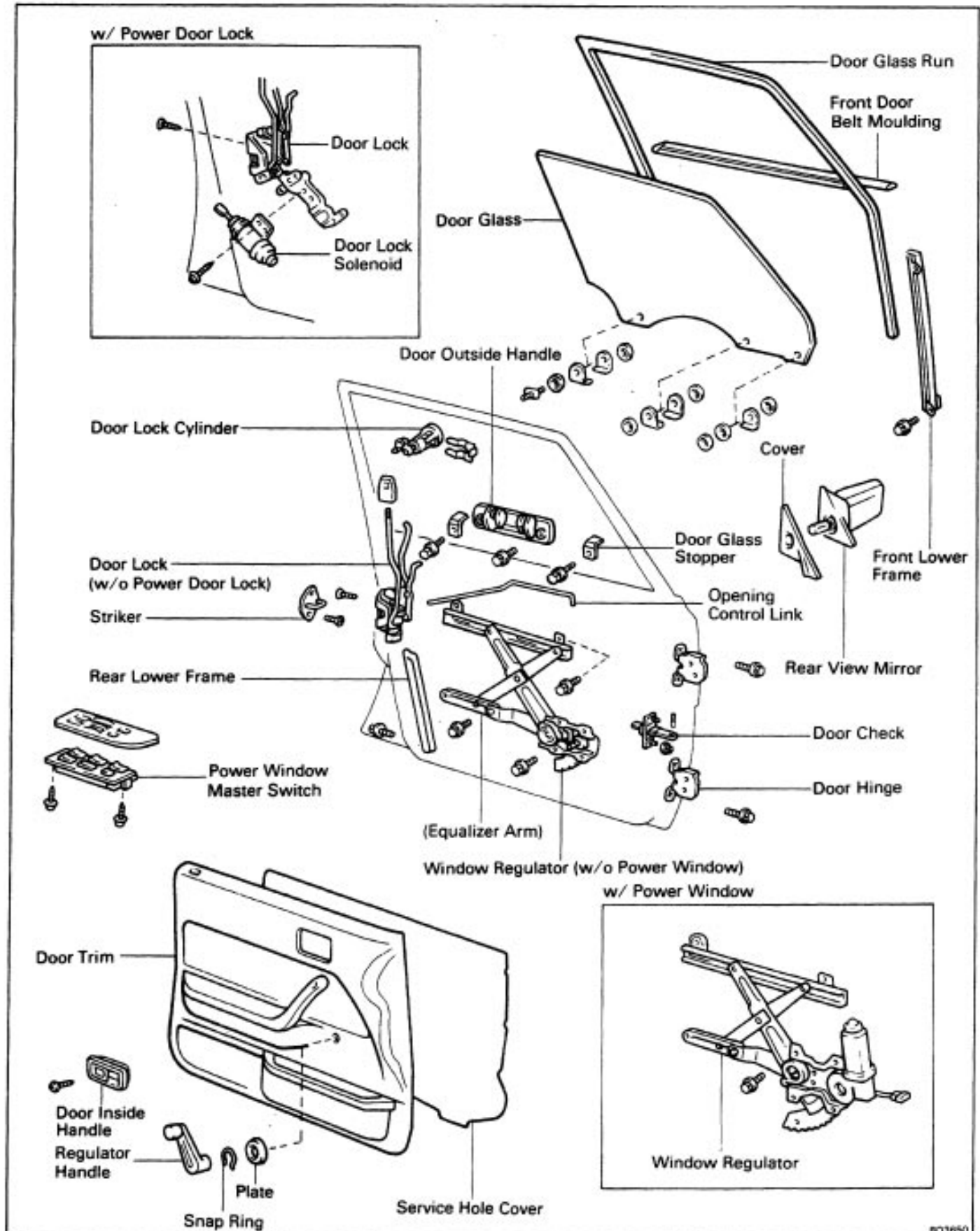
Adjust the hood by increasing or decreasing the number of the shims.

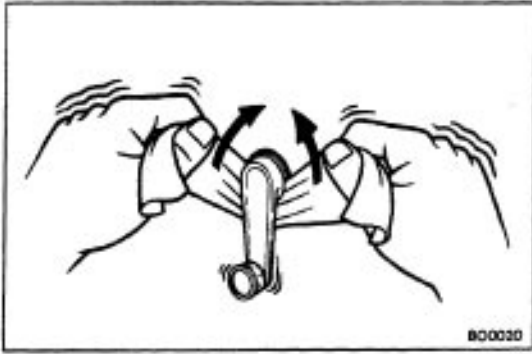


#### 4. ADJUST HOOD LOCK

Adjust the lock by loosening the bolts.

# FRONT DOOR COMPONENTS



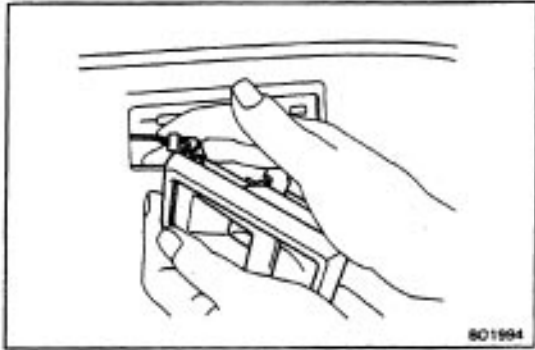


## DISASSEMBLY OF FRONT DOOR

### 1. REMOVE REGULATOR HANDLE

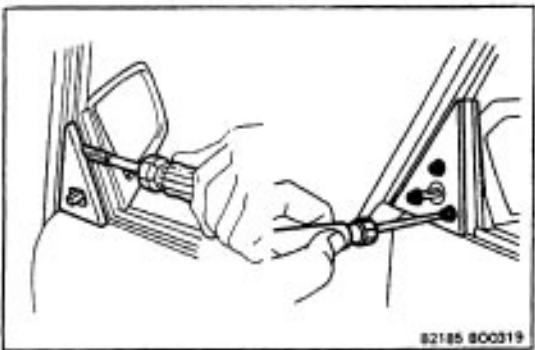
(w/o POWER WINDOW)

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



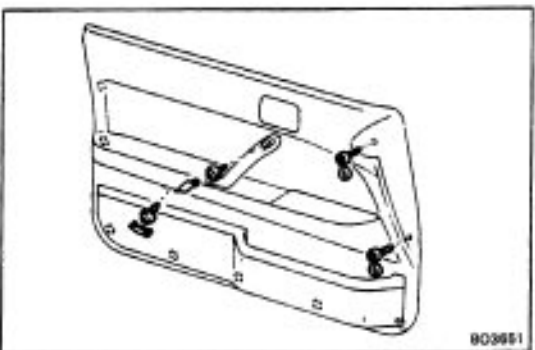
### 2. REMOVE DOOR INSIDE HANDLE

- (a) Remove the screw, and slide the handle forward.
- (b) Disconnect the handle from the control link and remove the handle.



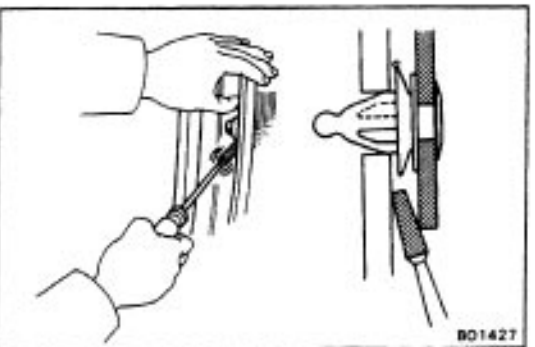
### 3. REMOVE REAR VIEW MIRROR

- (a) (Manual type)  
Remove the setting screw and knob.
  - (b) Using a screwdriver, pry loose the retainer and remove the cover.
- HINT: Tape the screwdriver tip before use.
- (c) (Electrical type)  
Disconnect the connector.
  - (d) Remove the three screws—and mirror.



### 4. REMOVE DOOR TRIM

- (a) Remove the two screws from the armrest.
- (b) Remove the two caps and two screws.



- (c) Insert a screwdriver between the retainers and door trim to pry it loose.

HINT: Tape the screwdriver tip before use.

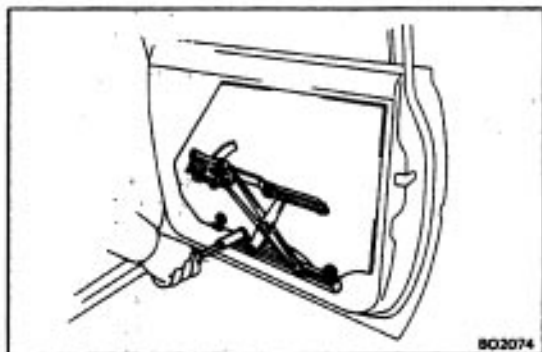
- (d) (w/ Power Window and Power Door Lock)  
Disconnect the connectors.

### 5. REMOVE SERVICE HOLE COVER

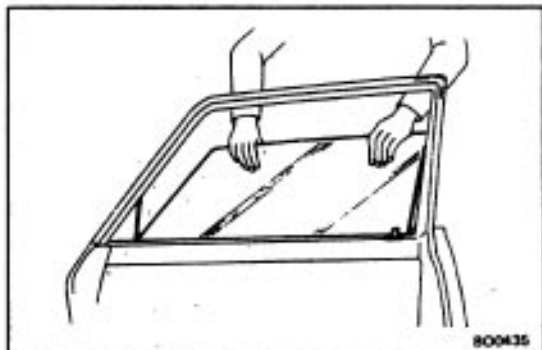
### 6. REMOVE OPENING CONTROL LINK FROM DOOR LOCK

**7. REMOVE DOOR GLASS**

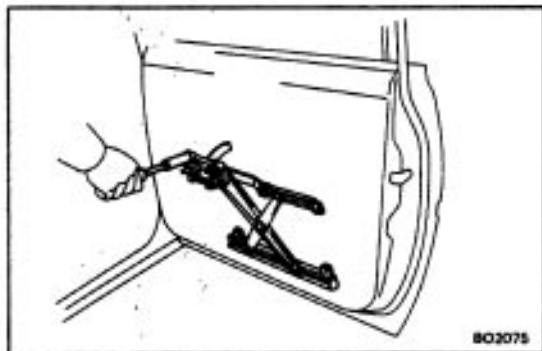
- (a) Wind the glass down into the door cavity.
- (b) Remove the two glass channel mounting nuts.



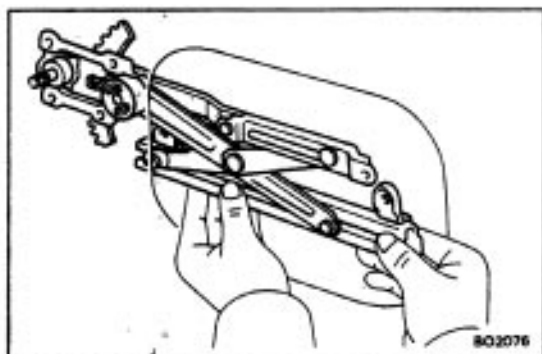
- (c) Remove the door glass by pulling it upward.

**8. REMOVE WINDOW REGULATOR**

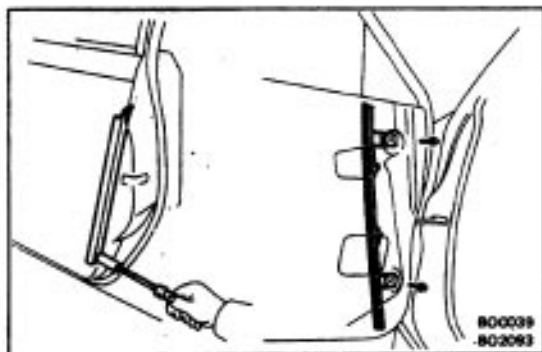
- (a) (w/ Power Window)  
Disconnect the connector.
- (b) Remove the regulator mounting bolts.
- (e) Remove the equalizer arm bracket mounting bolts.

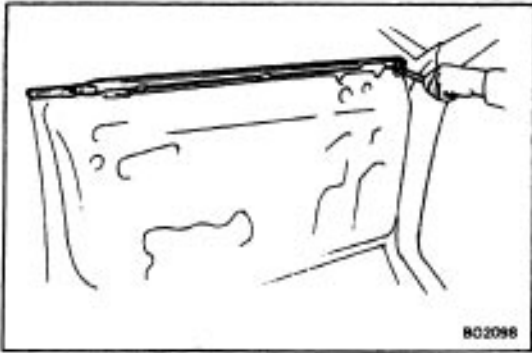


- (d) Remove the regulator through the service hole.

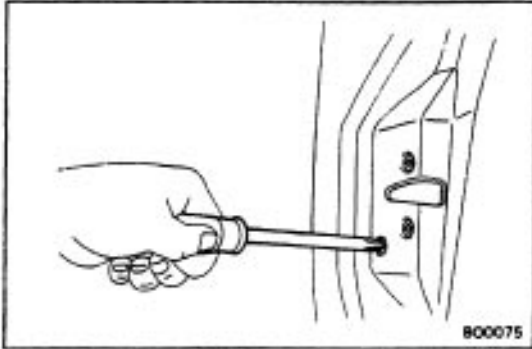
**9. REMOVE DOOR GLASS RUN****10. REMOVE REAR LOWER FRAME****11. REMOVE FRONT LOWER FRAME**

Remove the two bolts from the panel.

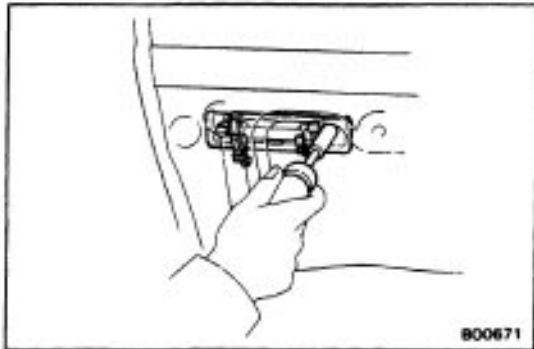


**12. REMOVE FRONT DOOR BELT MOULDING**

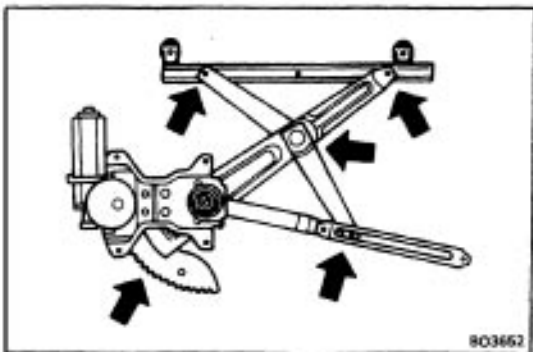
- (a) Remove the screw.
- (b) Pry loose the clips from the edge of the panel and remove the front door belt moulding.

**13. REMOVE DOOR LOCK**

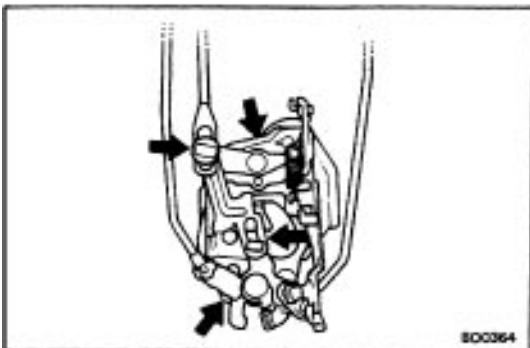
- (a) Disconnect the links from the door outside handle and door lock cylinder.
- (b) Remove the three screws and the door lock.
- (c) (w/ Power Door Lock)  
Remove the screw and door lock solenoid.

**14. REMOVE DOOR OUTSIDE HANDLE AND DOOR LOCK CYLINDER**

- (a) Remove the two bolts and door outside handle.
- (b) Remove the clip and door lock cylinder.

**ASSEMBLY OF FRONT DOOR**(See page [BO-3](#))**1. BEFORE INSTALLING PARTS, COAT THEM WITH MIP GREASE**

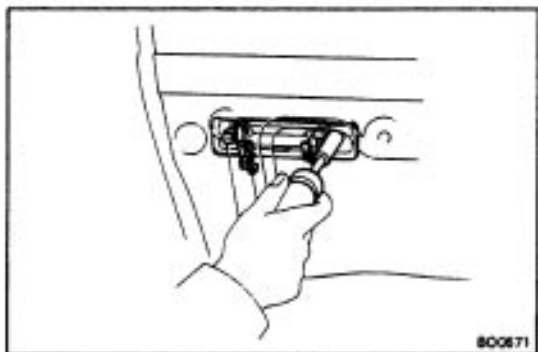
- (a) Coat the sliding surface and gears of the window regulator with MP grease.

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

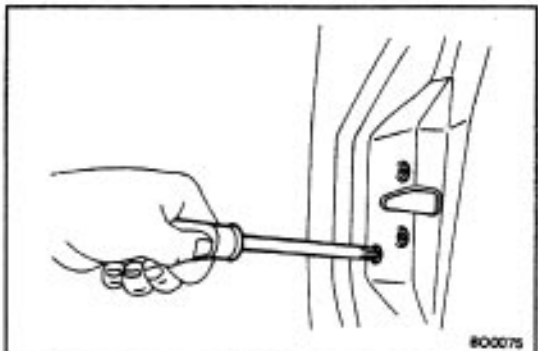
- (b) Coat the sliding surface of the door lock with IMP grease.

**2. INSTALL DOOR OUTSIDE HANDLE AND DOOR LOCK CYLINDER**

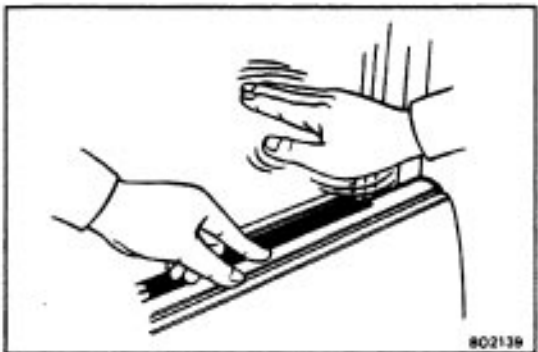
- (a) Install the door outside handle with the two bolts.
- (b) Install the door lock cylinder with the clip.

**3. INSTALL DOOR LOCK**

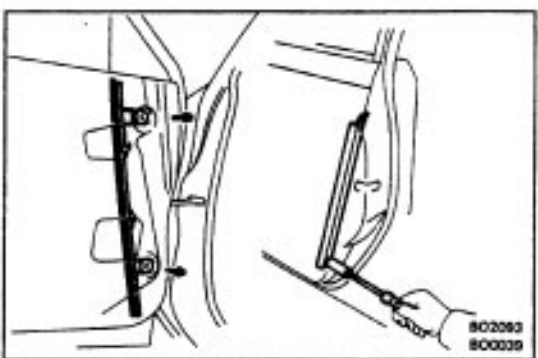
- (a) (w/ Power Door Lock)  
Install the door lock solenoid to the door lock with the screw.
- (b) Install the door lock with the three screws.
- (e) Install the links to the door outside handle and door lock cylinder.

**4. INSTALL FRONT DOOR BELT MOULDING**

- (a) Insert the claw of the clips into the upper panel hole and push the front door belt moulding onto the panel.
- (b) Install the screw.

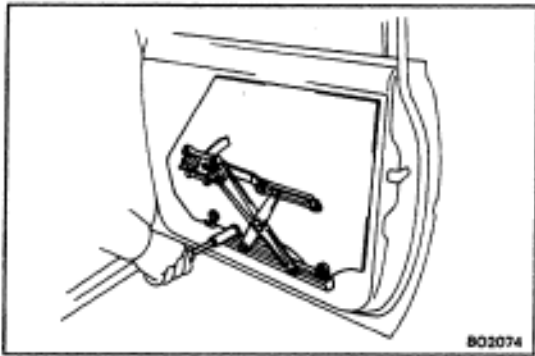
**5. INSTALL FRONT LOWER FRAME**

Install the front lower frame with the two bolts.

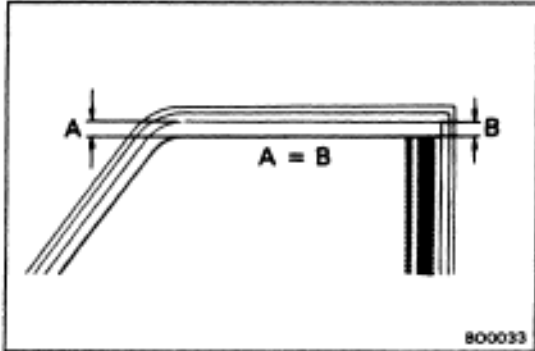
**6. INSTALL REAR LOWER FRAME****7. INSTALL WINDOW REGULATOR**

Place the regulator through the service hole and install the five mounting bolts.

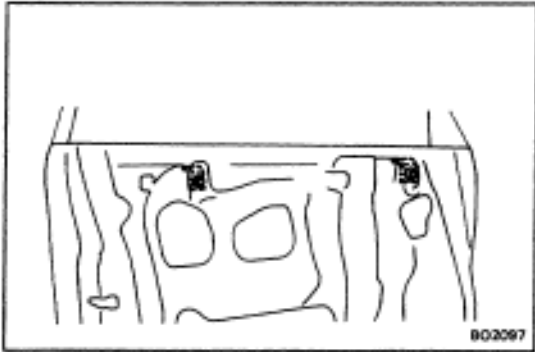


**8. INSTALL DOOR GLASS**

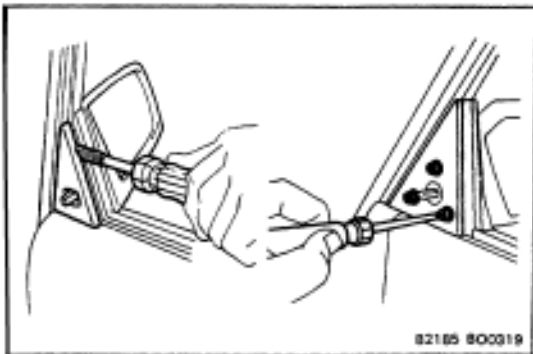
- (a) Place the glass in the door cavity.
- (b) Install the glass to the regulator with the two mounting nuts.

**9. INSTALL DOOR GLASS RUN****10. ADJUST DOOR GLASS**

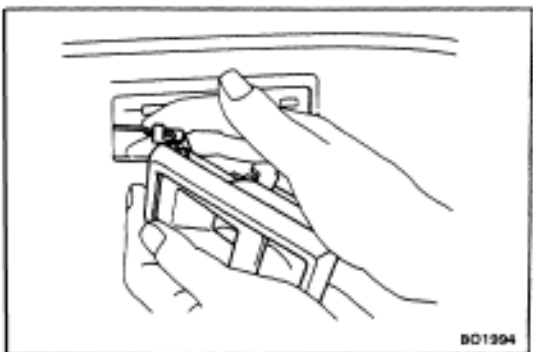
- (a) Adjust the equalizer arm up or down and tighten it where dimensions A and B, as shown, are equal.



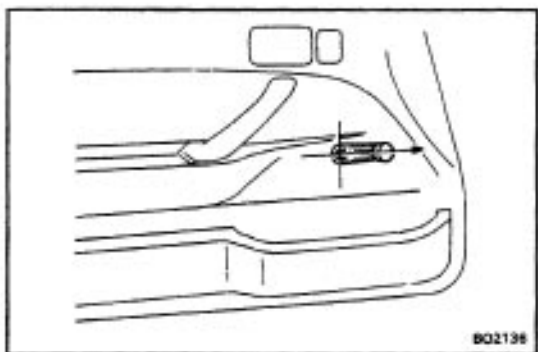
- (b) With the door glass fully closed, adjust the door glass stopper so it lightly makes contact with the glass plate.

**11. INSTALL OPENING CONTROL LINK****12. INSTALL SERVICE HOLE COVER****13. INSTALL DOOR TRIM****14. INSTALL REAR VIEW MIRROR**

- (a) Install the mirror with the three screws.
- (b) (Electrical type)  
Connect the connector.
- (c) Install the cover.
- (d) (Manual type)  
Install the knob with the setting screw.

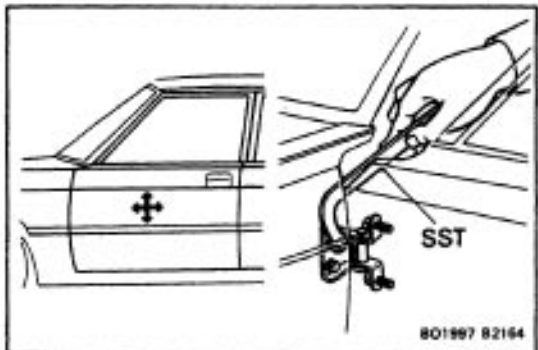
**15. INSTALL DOOR INSIDE HANDLE**

- (a) Connect the handle to the control link.
- (b) Install the handle, slide it rearward, and install the screw.



## 16. INSTALL REGULATOR HANDLE

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

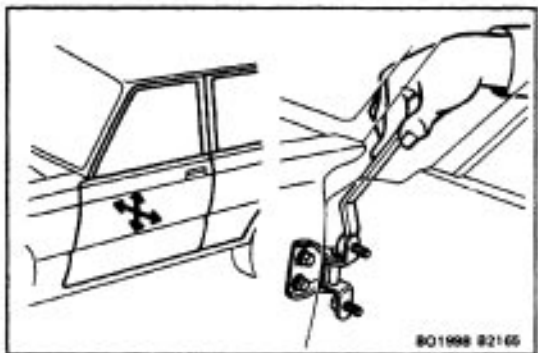


## ADJUSTMENT OF FRONT DOOR

### 1. ADJUST DOOR IN FORWARD/REARWARD AND VERTICAL DIRECTIONS

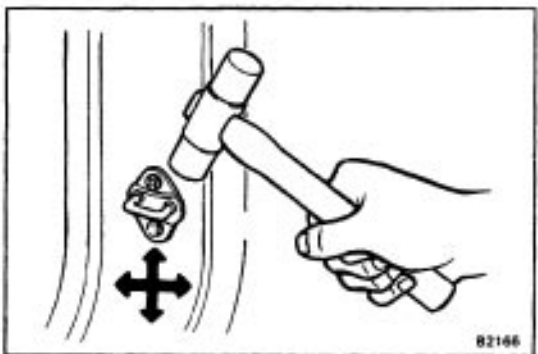
Using SST, adjust the door by loosening the body side hinge bolts.

SST 09812-00010



### 2. ADJUST DOOR IN LEFT/RIGHT AND VERTICAL DIRECTIONS

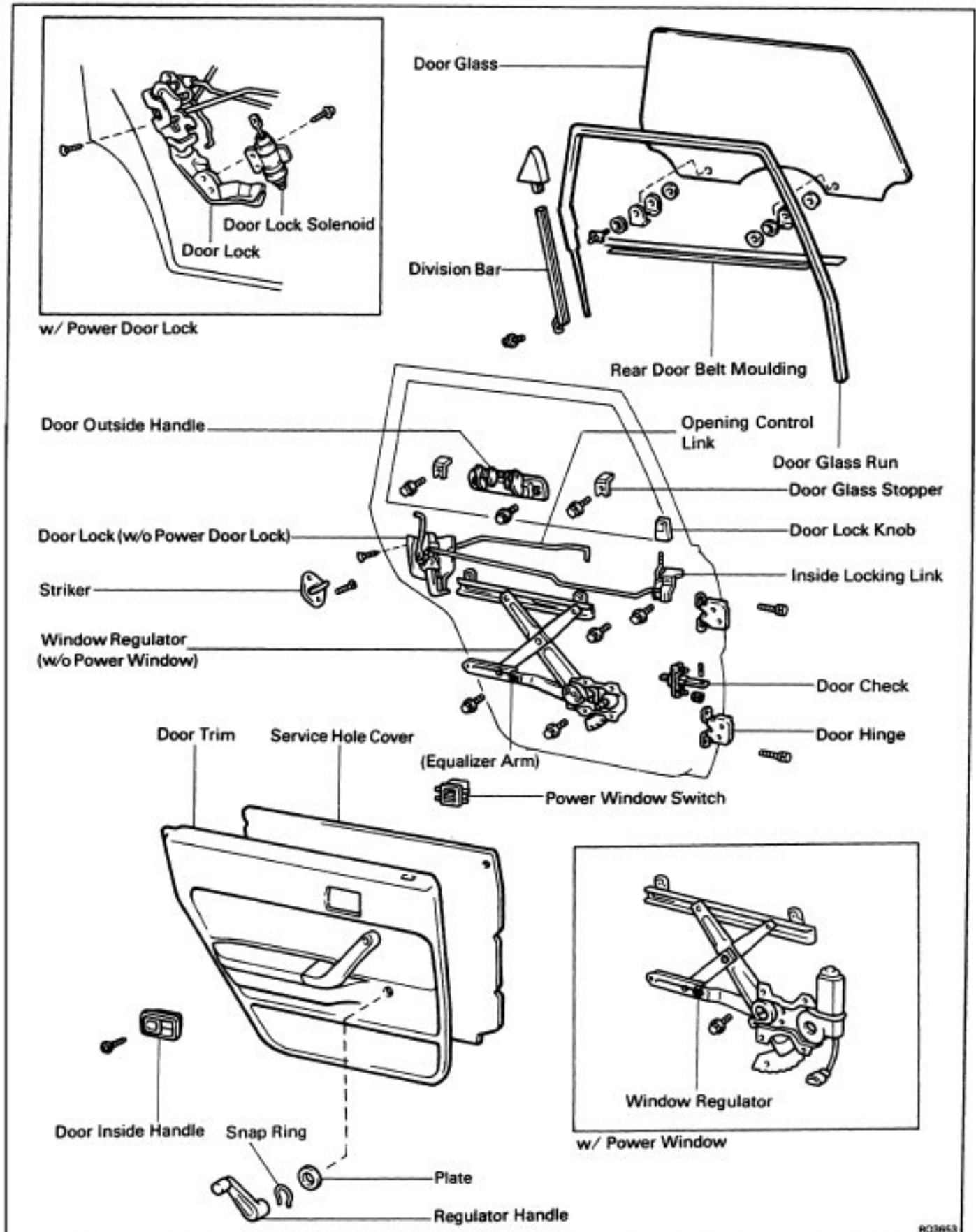
Loosen the door side hinge bolts to adjust.

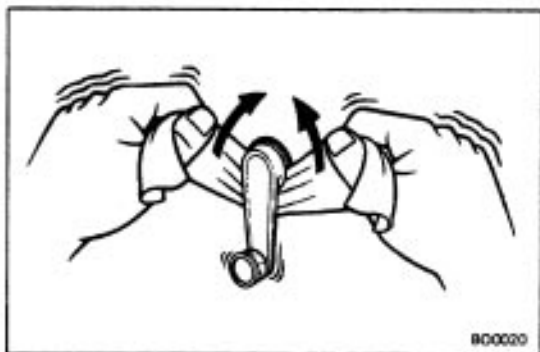


### 3. ADJUST DOOR LOCK STRIKER

- Check that the door fit and door lock linkages are adjusted correctly.
- Adjust the striker position by slightly loosening the striker mounting screws, and hitting the striker with a hammer.  
Tighten the striker mounting screws again.

# REAR DOOR COMPONENTS



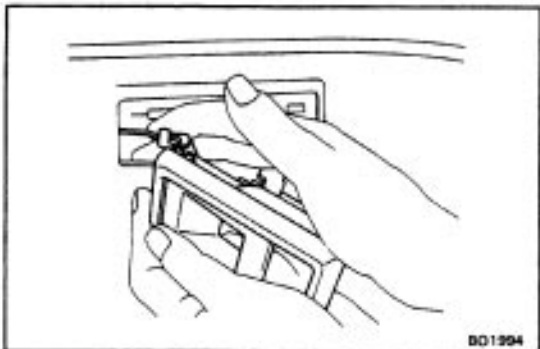


## DISASSEMBLY OF REAR DOOR

### 1. REMOVE REGULATOR HANDLE

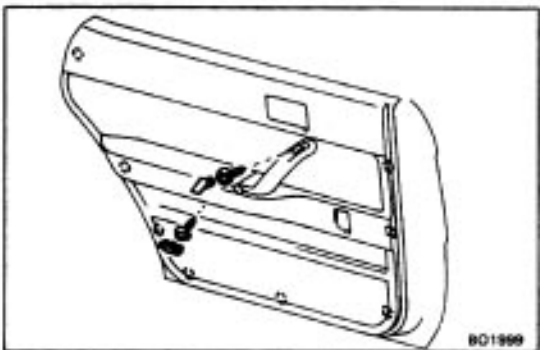
(w/o POWER WINDOW)

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



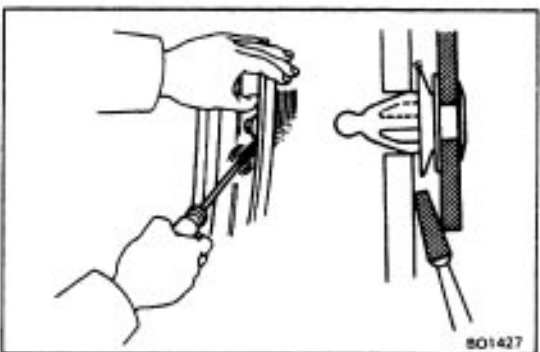
### 2. REMOVE DOOR INSIDE HANDLE

- (a) Remove the screw, and slide the handle forward.
- (b) Disconnect the control link and remove the handle.



### 3. REMOVE DOOR TRIM WITH INNER WEATHERSTRIP

- (a) Remove the two screws from the armrest.

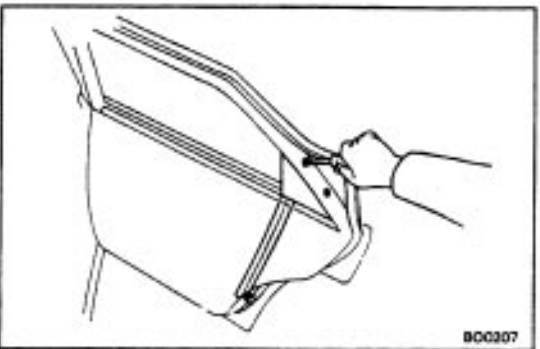


- (b) Insert a screwdriver between the trim retainers and the door panel to pry it loose.

HINT: Tape the screwdriver tip before use.

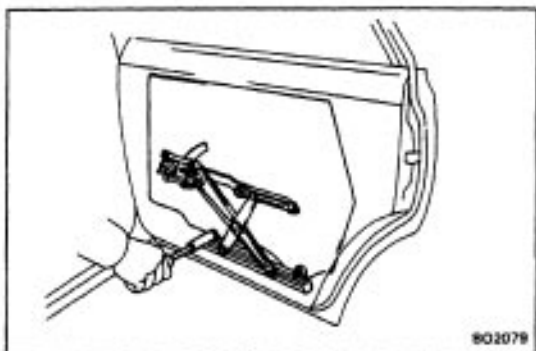
### 4. REMOVE SERVICE HOLE COVER

### 5. REMOVE DOOR GLASS RUN

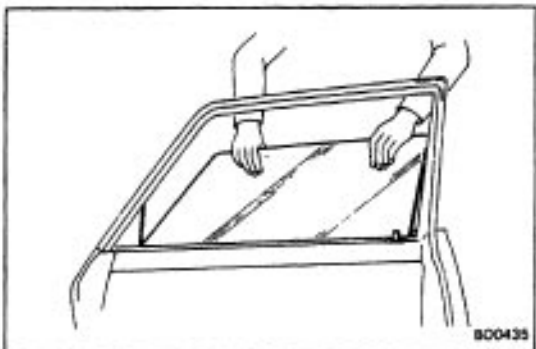


### 6. REMOVE DIVISION BAR

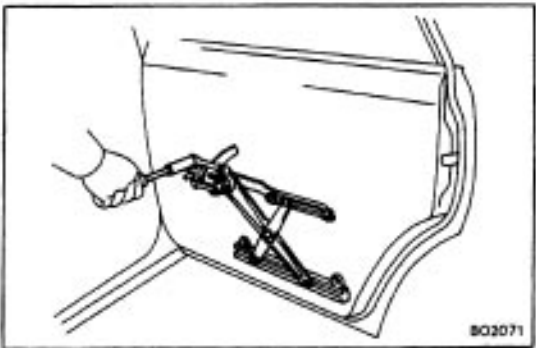
- (a) Remove the two screws under the weatherstrip.
- (b) Remove the bolt.
- (c) Pull out the division bar.

**7. REMOVE DOOR GLASS**

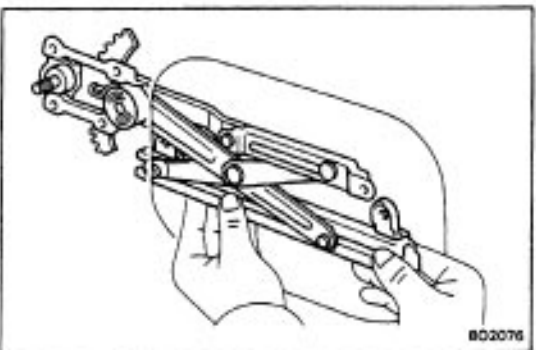
- (a) Wind the glass down into the door cavity.
- (b) Remove the two glass channel mounting nuts.



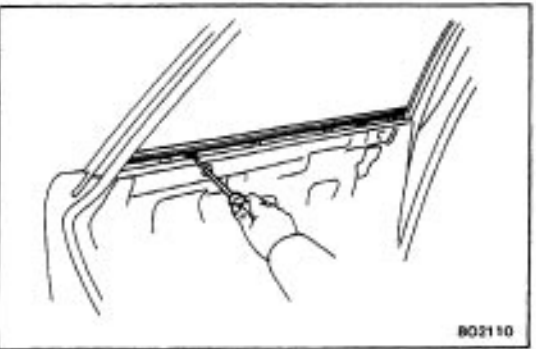
- (c) Remove the door glass by pulling it upward.

**8. REMOVE WINDOW REGULATOR**

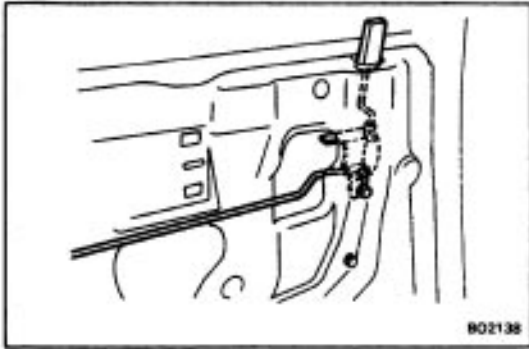
- (a) (w/ Power Window)  
Disconnect the connector.
- (b) Remove the regulator –mounting bolts.
- (c) Remove the equalizer arm bracket mounting bolts.



- (d) Remove the regulator through the service hole.

**9. REMOVE REAR DOOR BELT MOULDING**

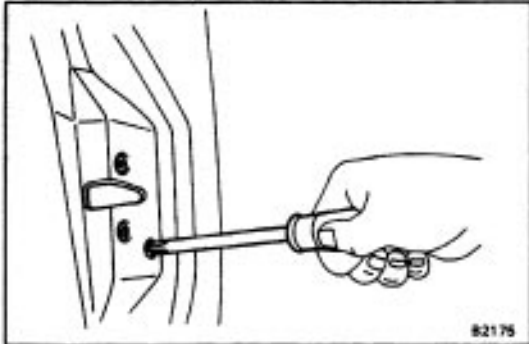
Pry out the rear door belt moulding with the clip as shown.

**10. REMOVE INSIDE LOCKING LINK AND KNOB**

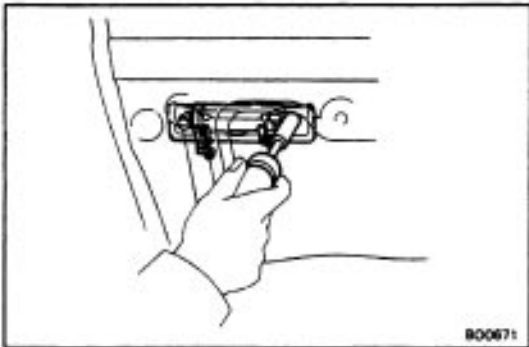
Remove the bolt and disconnect the link from the door lock.

**11. REMOVE OPENING CONTROL LINK**

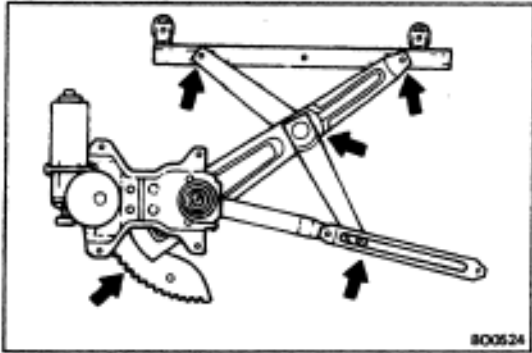
Disconnect the link from the door lock.

**12. REMOVE DOOR LOCK**

- (a) Disconnect the link from the door outside handle.
- (b) Remove the three screws and door lock.
- (e) (w/ Power Door Lock)  
Remove the screw and door lock solenoid.

**13. REMOVE DOOR OUTSIDE HANDLE**

Remove the two bolts and door outside handle.



## ASSEMBLY OF REAR DOOR

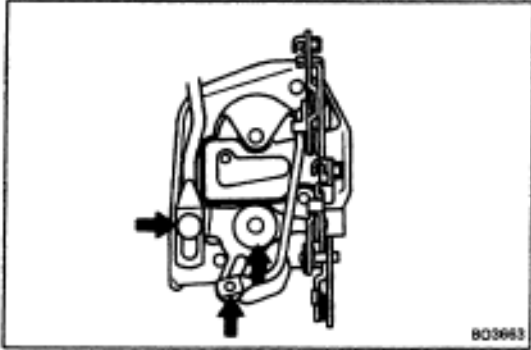
(See page SO-11)

### 1. BEFORE INSTALLING PARTS, COAT THEM WITH MP GREASE

- (a) Coat the sliding surface and gears of the window regulator with MP grease.

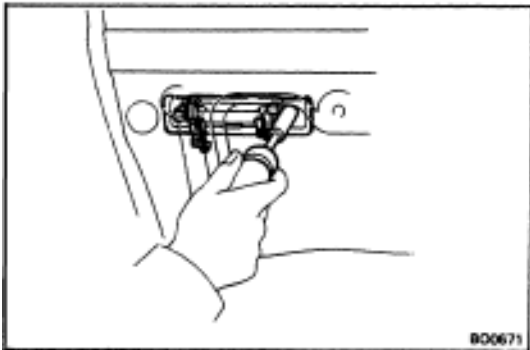
**NOTICE:** Do not apply MP grease to the spring of the window regulator.

- (b) Coat the sliding surface of the door lock with MP grease.



### 2. INSTALL DOOR OUTSIDE HANDLE

Install the door outside handle with two bolts.

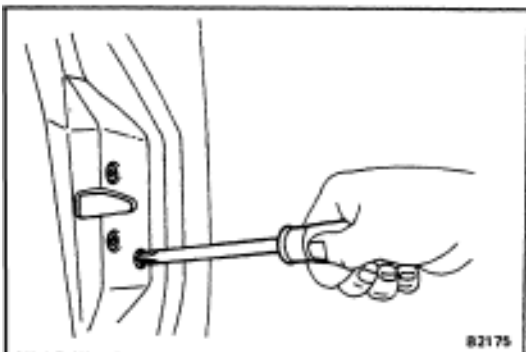


### 3. INSTALL DOOR LOCK

- (a) (w/ Power Door Lock)

Install the door lock solenoid to the door lock with the screw.

- (b) Install the door lock with three screws.
- (c) Connect the link to the outside handle.

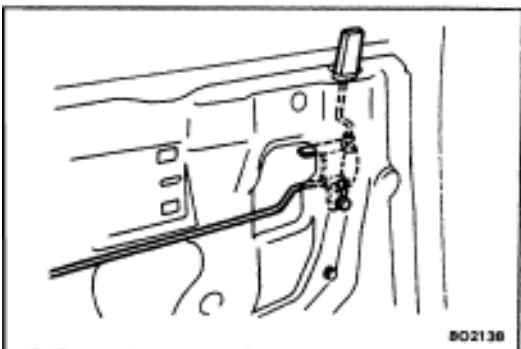


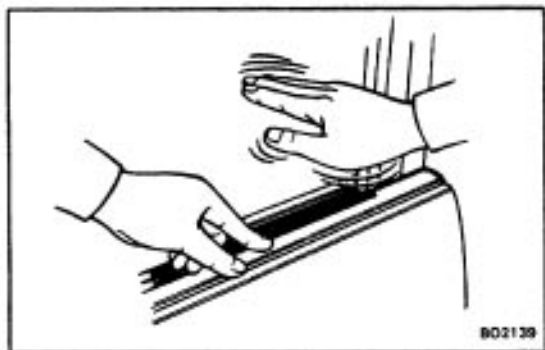
### 4. INSTALL OPENING CONTROL LINK

Connect the link to the door lock.

### 5. INSTALL INSIDE LOCKING LINK AND KNOB

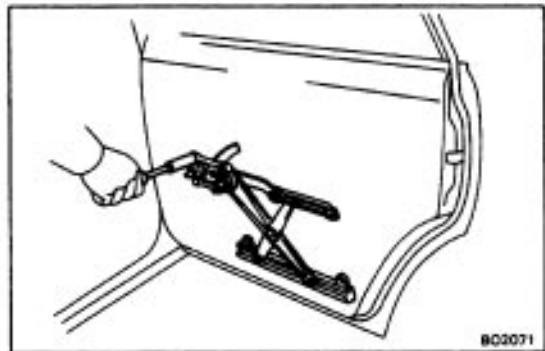
- (a) Connect the link to the door lock.
- (b) Install the link and knob with the bolt.





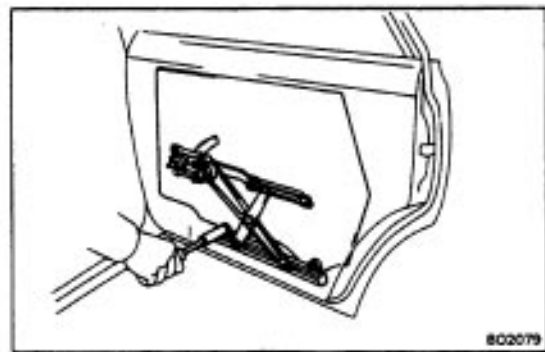
## 6. INSTALL REAR DOOR BELT MOULDING

Insert the claw of the clips into the upper panel hole and push the rear door belt moulding onto the panel.



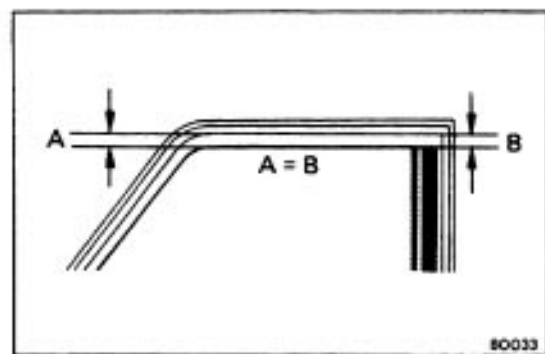
## 7. INSTALL WINDOW REGULATOR

- (a) Place the regulator through the service hole.
- (b) Install the five mounting bolts.
- (c) (w/ Power Window)  
Connect the connector.



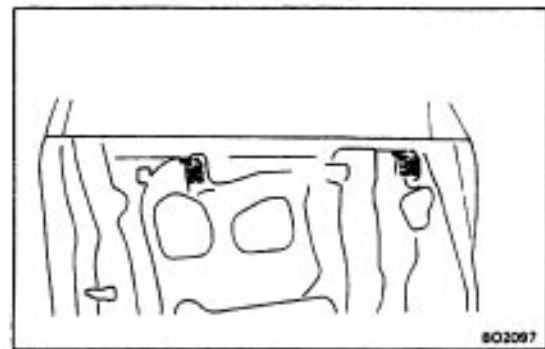
## 8. PLACE DOOR GLASS IN DOOR

- (a) Insert the door glass in the door cavity.
- (b) Install the regulator into the door glass rail.
- (c) Install the two glass channel mounting nuts.

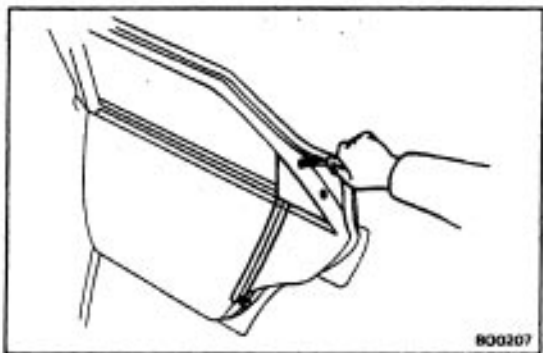


## 9. ADJUST DOOR GLASS

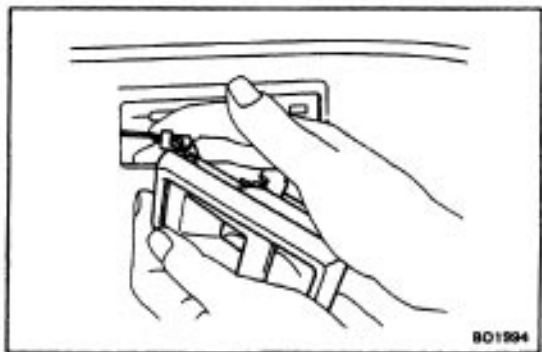
Adjust the equalizer arm up or down and tighten it where dimension A and B, as shown, are equal.



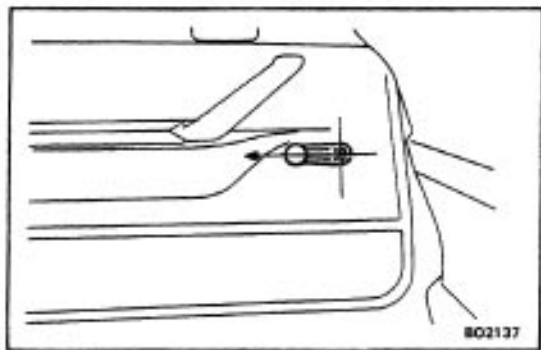
- (b) With the door glass fully closed, adjust the door glass stopper so it lightly makes contact with the glass plate.

**10. INSTALL DIVISION BAR**

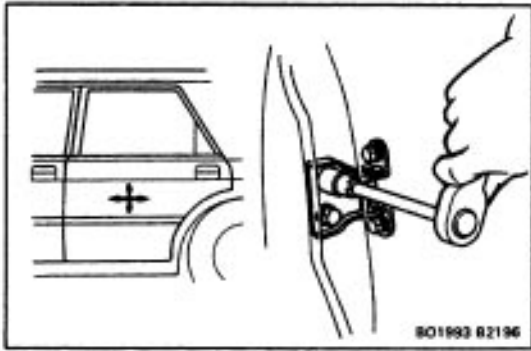
- (a) Place the division bar in the door.
- (b) Install the two screws and bolt.

**11. INSTALL DOOR GLASS RUN****12. INSTALL SERVICE HOLE COVER****13. INSTALL DOOR TRIM WITH INNER WEATHERSTRIP****14. INSTALL DOOR INSIDE HANDLE**

- (a) Connect the handle to the control link.
- (b) Install the handle, slide it rearward, and install the screw.

**15. INSTALL REGULATOR HANDLE**

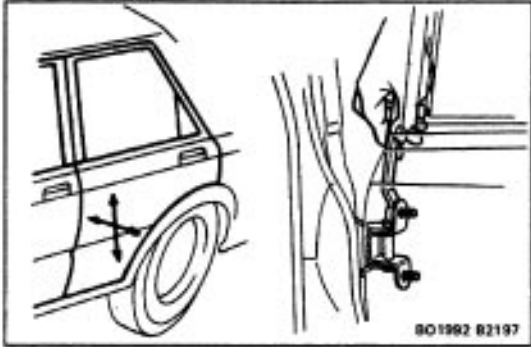
With the door window fully closed, install the plate and regulator handle with the snap ring as shown.



## ADJUSTMENT OF REAR DOOR

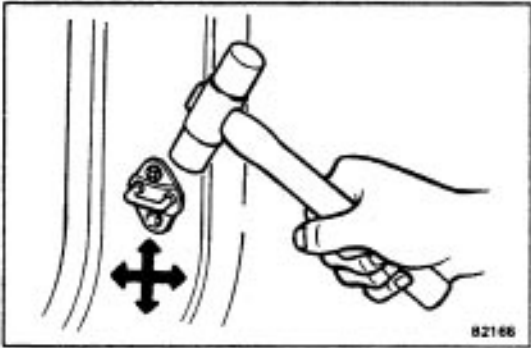
### 1. ADJUST DOOR IN FORWARD/ REARWARD AND VERTICAL DIRECTIONS

Using a wrench, loosen the body side hinge bolts.



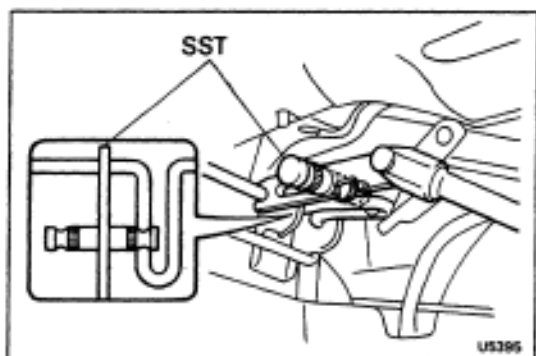
### 2. ADJUST DOOR IN LEFT/RIGHT AND VERTICAL DIRECTIONS

Using a wrench, loosen the door side hinge bolts.



### 3. ADJUST DOOR LOCK STRIKER

- (a) Check that the door fit and lock linkages are adjusted correctly.
- (b) Adjust the striker position by slightly loosening the striker mounting screws, and hitting the striker with a hammer.  
Tighten the striker mounting screws again.

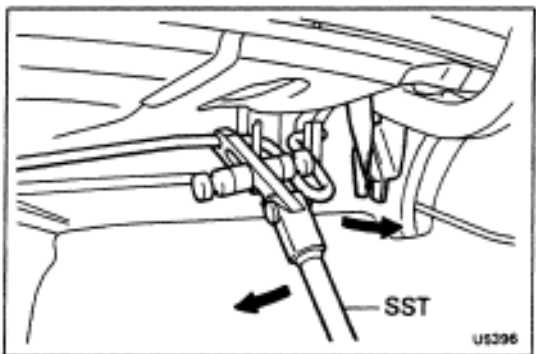


## LUGGAGE COMPARTMENT LID

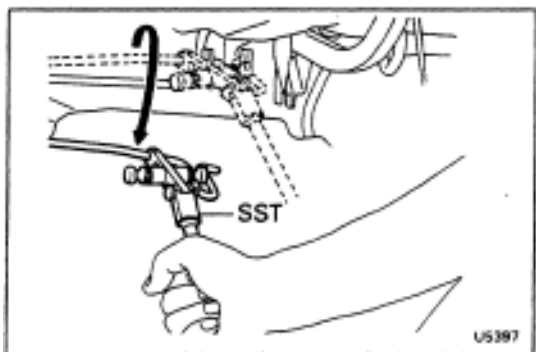
### REMOVAL OF TORSION BAR

#### REMOVE TORSION BAR FROM LUGGAGE COMPARTMENT LID HINGE

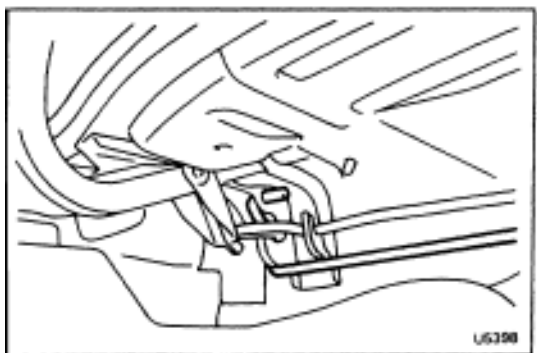
- (a) Install SST to the torsion bar on the hinge side.  
SST 09804-24010



- (b) Push down on SST, and pull the luggage compartment lid hinge from the torsion bar.



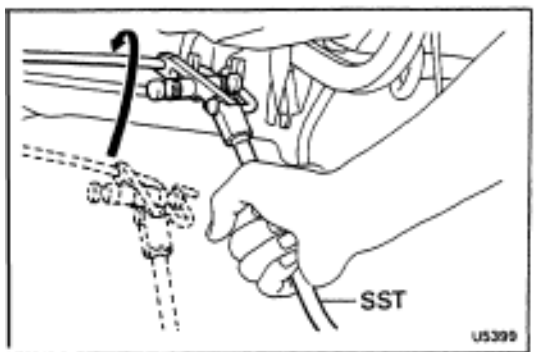
- (c) Slowly lift SST, and remove the torsion bar from the torsion bar bracket with SST.  
(d) Remove the torsion bar from the center bracket.  
(e) Do the same for the other side.



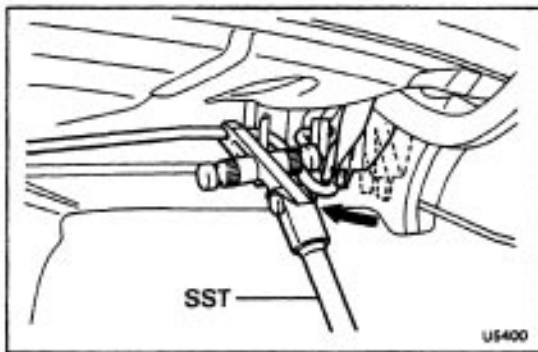
## INSTALLATION OF TORSION BAR

### INSTALL TORSION BAR TO LUGGAGE COMPARTMENT LID HINGE

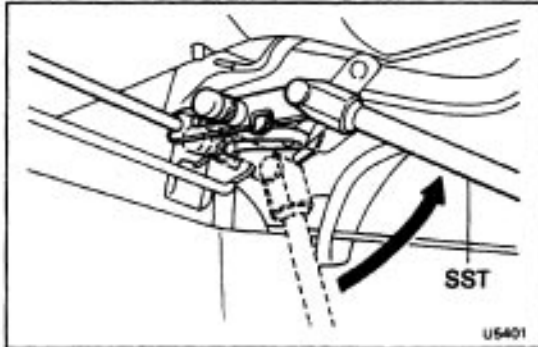
- (a) Insert the torsion bar into the bracket as shown.  
(b) Connect the torsion bar to the center bracket.



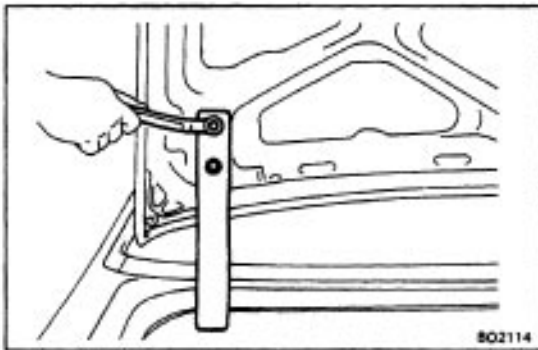
- (c) Install SST to the torsion bar of the hinge side.  
SST 09804-24010  
(d) Slowly lift the torsion bar with SST and place on the torsion bar bracket.



- (e) Slowly pushdown SST, and install the torsion bar to the luggage compartment lid hinge.

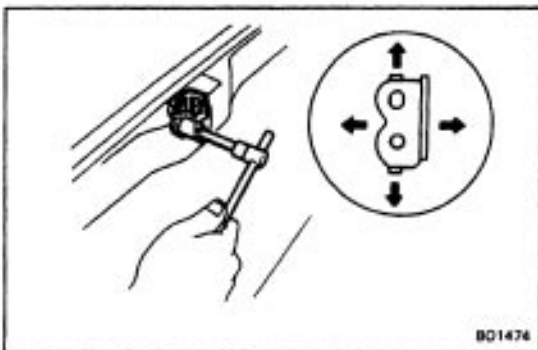


- (f) Slowly lift SST, and install the torsion bar. Do the same for the other side.



## ADJUSTMENT OF LUGGAGE COMPARTMENT LID

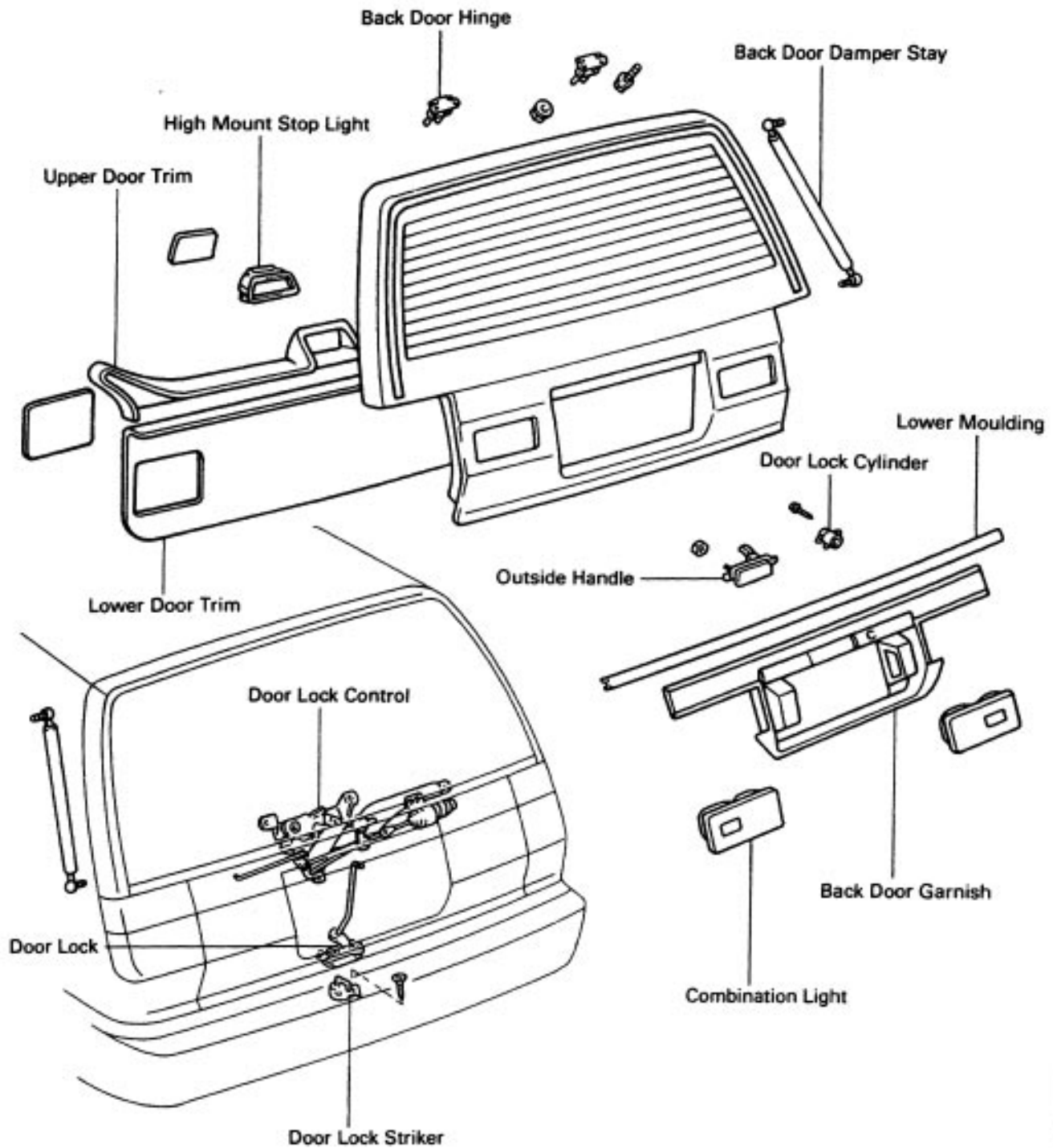
- Forward/rearward and left/right adjustments loosen the bolts.
- For vertical adjustment of front end of lid, increase or decrease the number of washers.

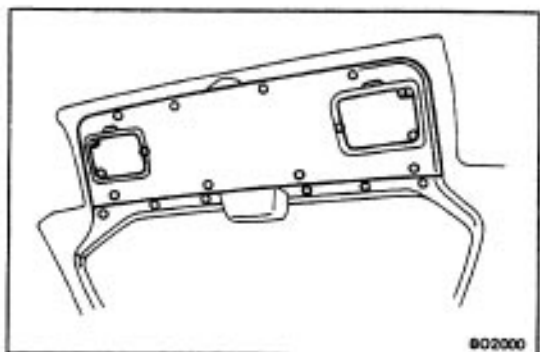


## ADJUSTMENT OF LOCK STRIKER

- Loosen the mounting bolts.
- Using a brass bar and hammer, tap the striker to adjust it.

## BACK DOOR COMPONENTS



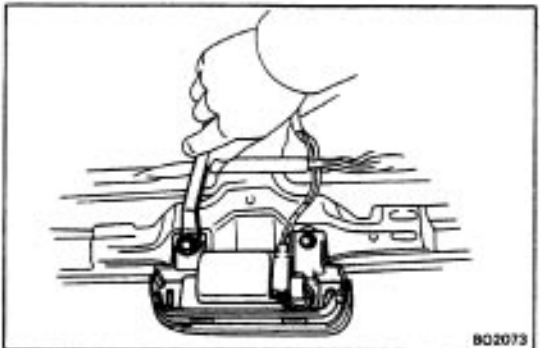


## DISASSEMBLY OF BACK DOOR

### 1. REMOVE UPPER AND LOWER DOOR TRIMS

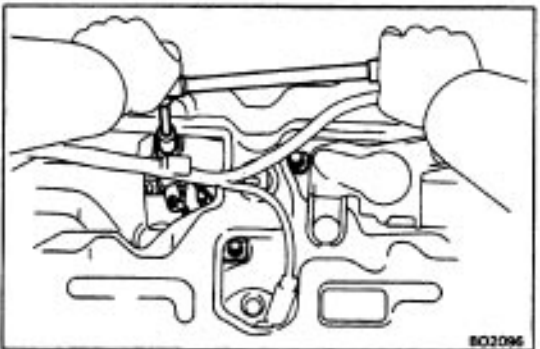
- (a) Remove the six clips.
- (b) Insert a screwdriver between the trim retainers and door panel to pry it loose.

HINT: Tape the screwdriver tip before use.



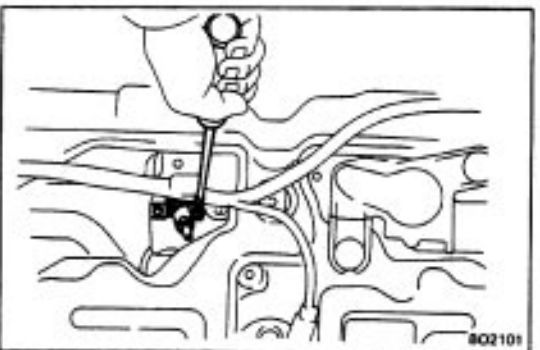
### 2. REMOVE HIGH MOUNT STOP LIGHT

- (a) Disconnect the connector from the high mount stop light.
- (b) Remove the two bolts and high mount stop light.



### 3. REMOVE DOOR LOCK CONTROL

- (a) Remove the link protector.
- (b) Disconnect the links from the door lock control and door lock cylinder.
- (c) Disconnect the connector from the solenoid.
- (d) Remove the four bolts and door lock control with the solenoid.

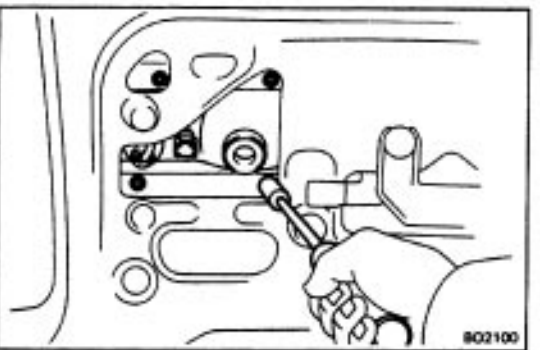


### 4. REMOVE DOOR LOCK CYLINDER

Remove the two screws and door lock cylinder.

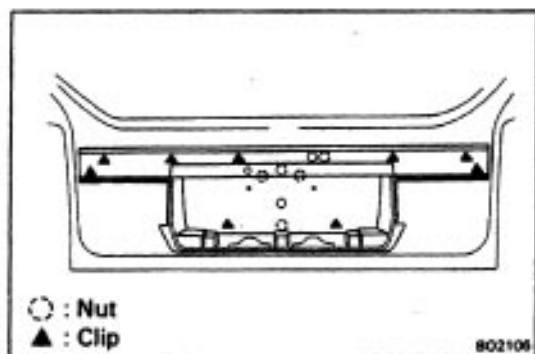
### 5. REMOVE LOWER MOULDING

(See page 80-36)

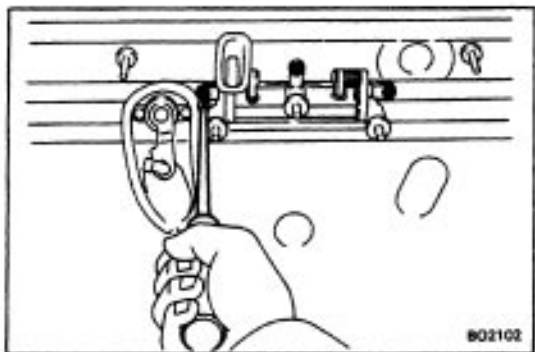


### 6. REMOVE COMBINATION LIGHT

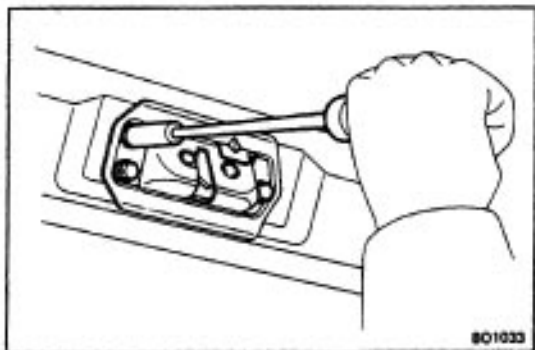
- (a) Disconnect the connector from the combination light.
- (b) Remove the eight nuts and combination light.

**7. REMOVE BACK DOOR GARNISH**

Remove the five nuts, nine clips and back door garnish.

**8. REMOVE OUTSIDE HANDLE**

Remove the three screws and outside handle.

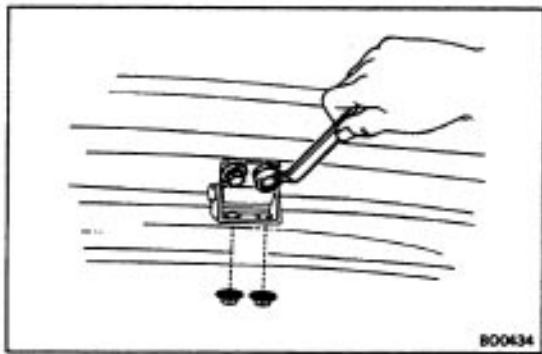
**9. REMOVE DOOR LOCK**

Remove the three bolts and door lock.

**ASSEMBLY OF BACK DOOR**

(See page 80-21)

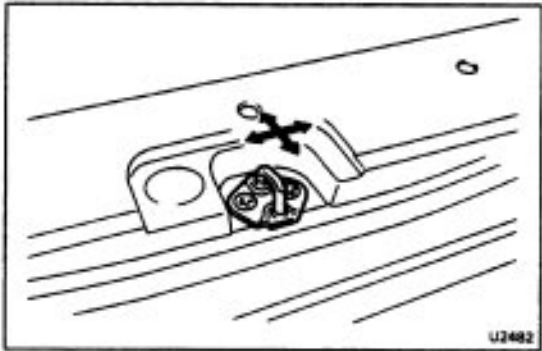
**INSTALL BACK DOOR PARTS BY FOLLOWING  
DISASSEMBLY SEQUENCE IN REVERSE**



## ADJUSTMENT OF BACK DOOR

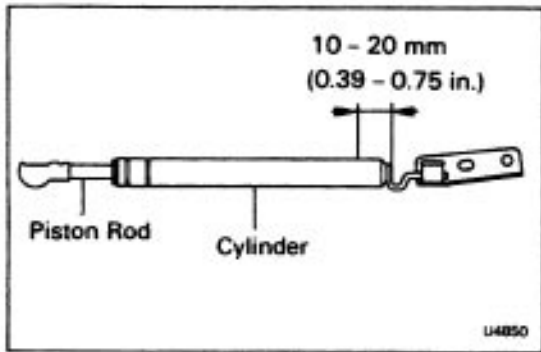
### 1. ADJUST DOOR IN FORWARD/REARWARD AND LEFT/RIGHT DIRECTIONS

Adjust the door by loosening the hinge bolts.



### 2. ADJUST DOOR LOCK STRIKER

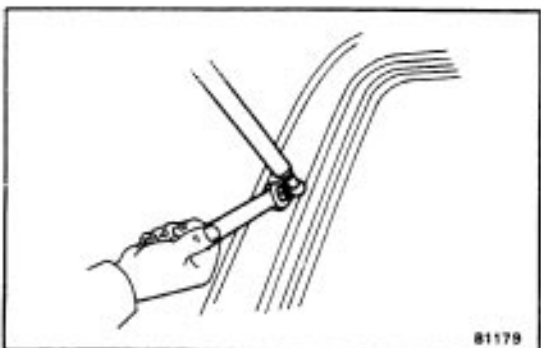
- Loosen the mounting bolts.
- Using a plastic hammer, tap the striker to adjust it.



## Back Door Damper Stay

**NOTICE:** Handling the damper. .

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



## REMOVAL OF DAMPER STAY

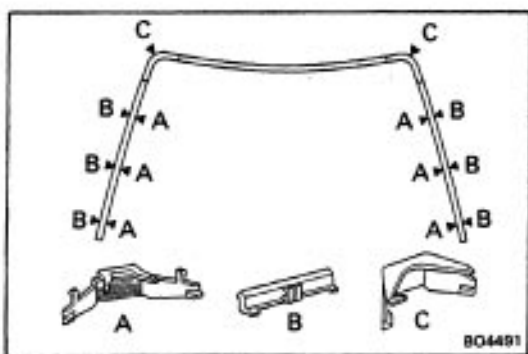
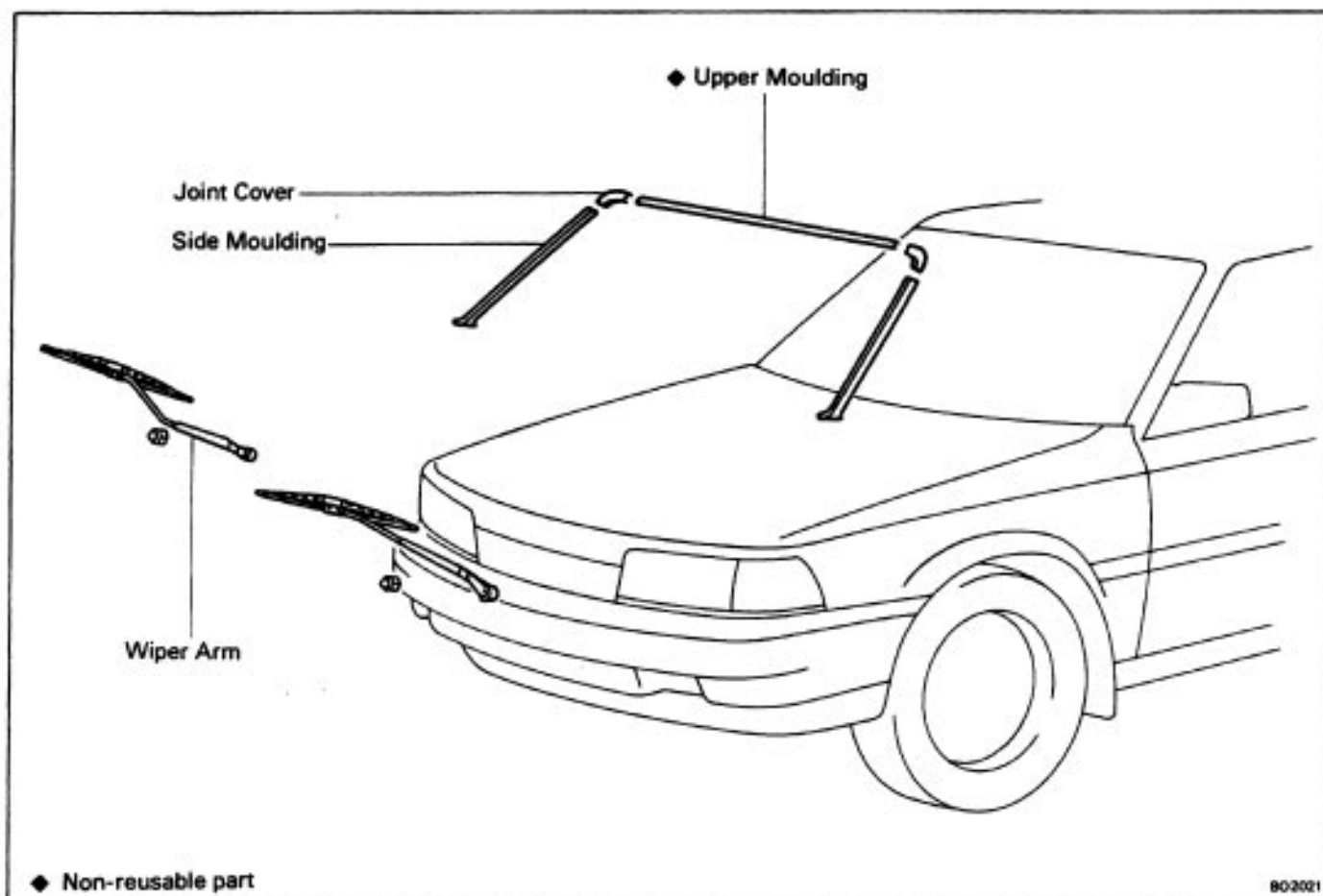
- REMOVE DAMPER STAY UPPER END FROM BACK DOOR
- REMOVE DAMPER STAY LOWER END FROM BODY

## INSTALLATION OF DAMPER STAY

- INSTALL DAMPER STAY UPPER END TO BACK DOOR
- CONNECT DAMPER STAY LOWER END TO BODY

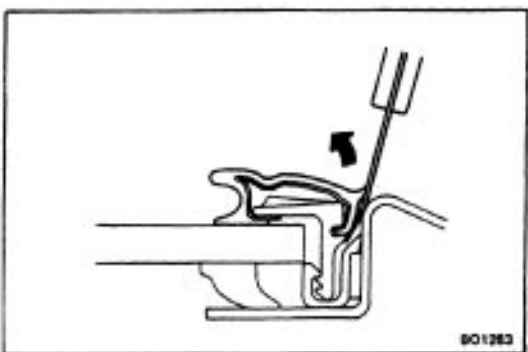
# MOULDING

## Windshield Outside Moulding COMPONENTS



## REMOVAL OF OUTSIDE MOULDING

Locations of clips and fasteners are as shown. Carefully apply adhesive tape to protect the body.

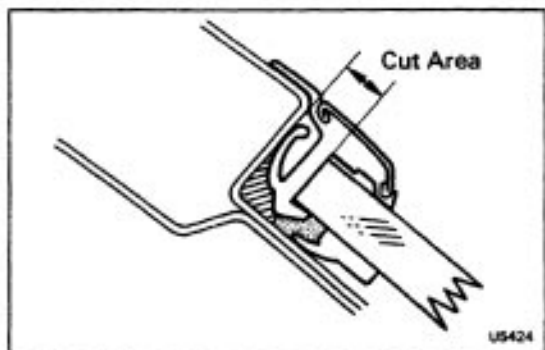


### 1. REMOVE SIDE MOULDING

- Insert the top of a scraper between the body and moulding. .
- Pry up the scraper to loosen the moulding from the claws of the clips and fasteners.

HINT: Apply tape to the scraper blade to prevent scratching the vehicle body.

- Remove the moulding.

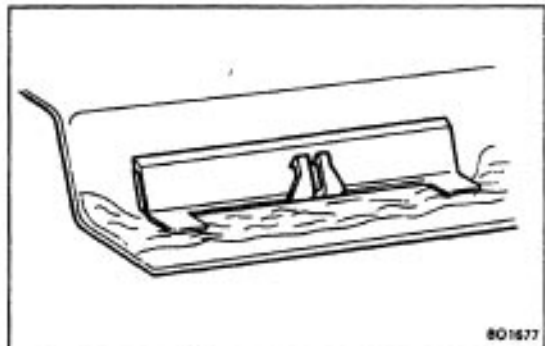


## 2. REMOVE UPPER MOULDING

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

HINT: Do not damage the body.

## 3. REMOVE WIPER ARM



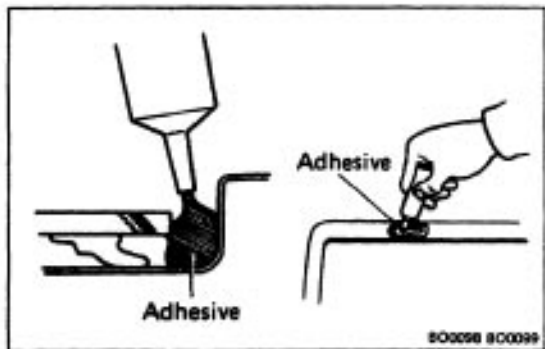
## REPLACEMENT OF FASTENER

### REPLACE FASTENER

- Remove the damaged fastener.
- Cut off the old adhesive 6 round the fastener installation area.

HINT: Be careful not to damage the body.

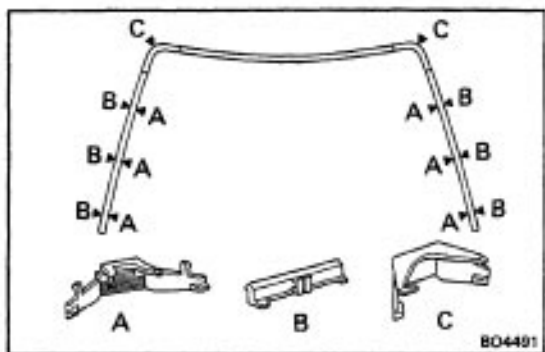
- Clean the installation area.
- Install a new fastener onto the body.



## INSTALLATION OF OUTSIDE MOULDING

(See page [BO-25](#))

### 1. APPLY ADHESIVE AT A NEW CLIP AND UPPER MOULDING INSTALLATION AREA

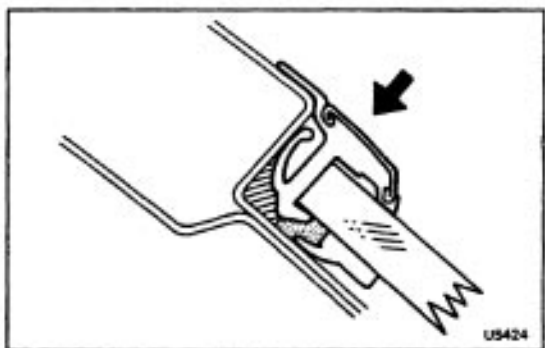


### 2. INSTALL UPPER AND SIDE MOULDING

- Check the position of the clips on the moulding and the installation area.
- Place the moulding onto the body.

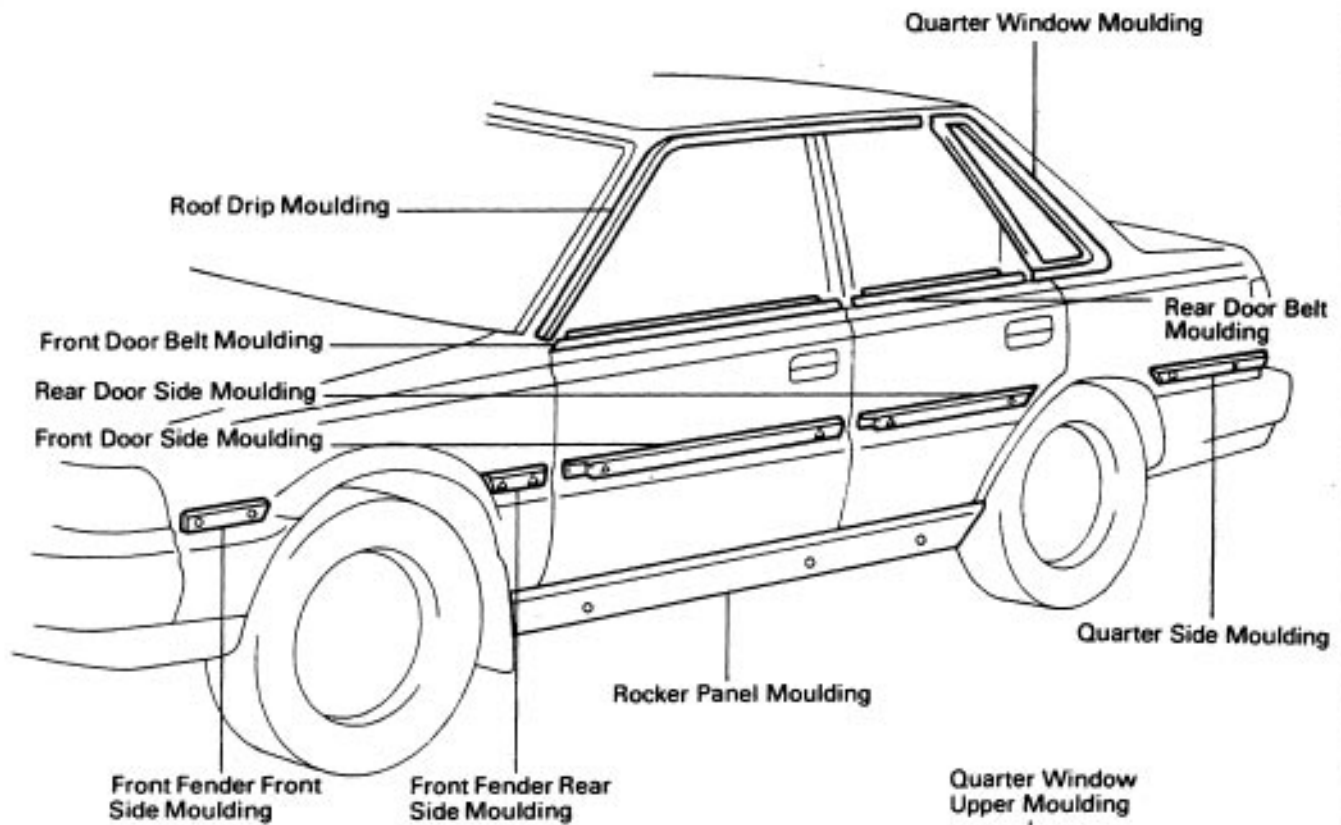
- Tap the moulding with your hand to fasten the clips at the glass edge. At the same time, install the fasteners by tapping them by hand.

### 3. INSTALL WIPER ARM

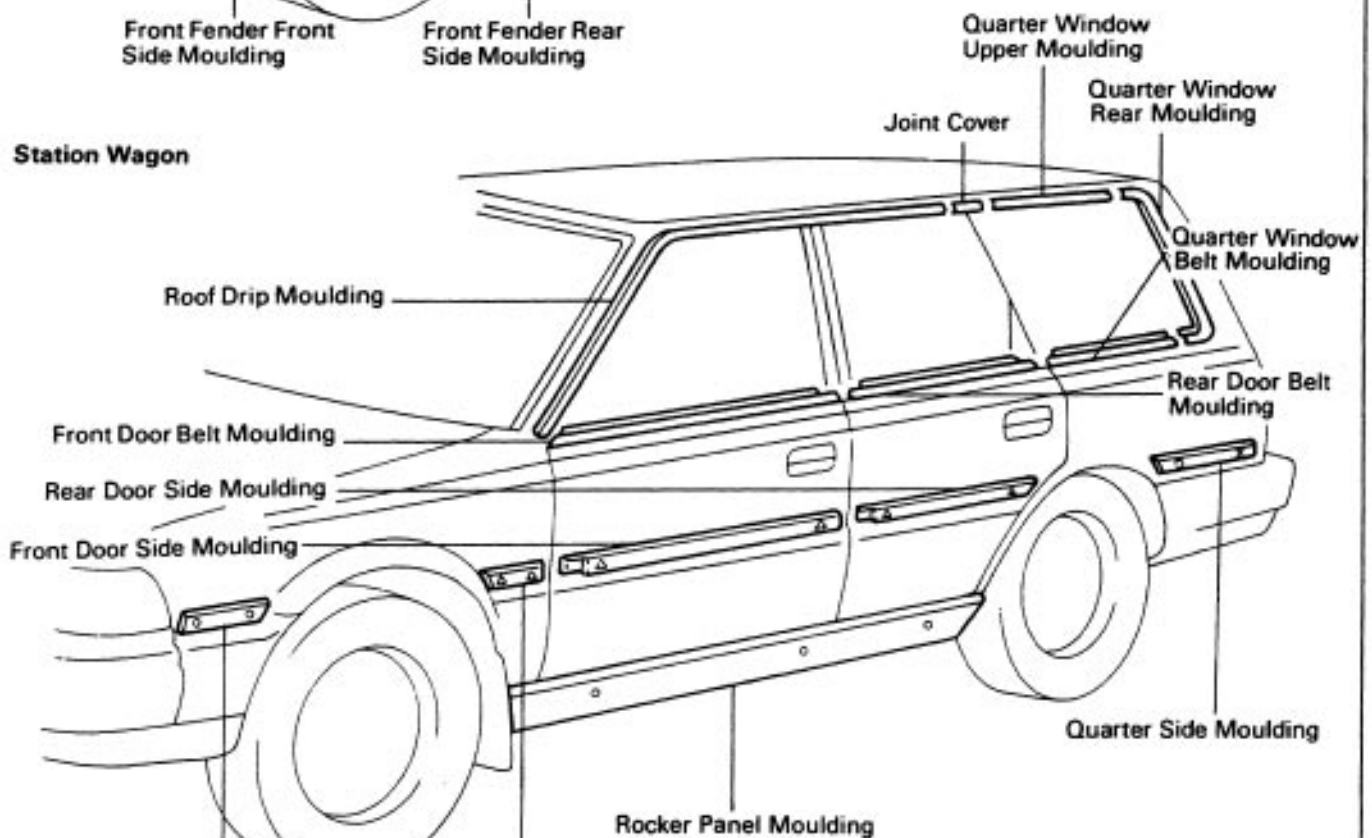


## Side Moulding COMPONENTS

### Sedan



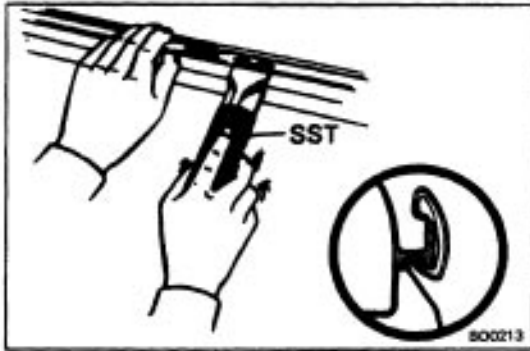
### Station Wagon



○ : Clip  
△ : Pin  
X : Nut

Front Fender Front  
Side Moulding

Front Fender Rear  
Side Moulding

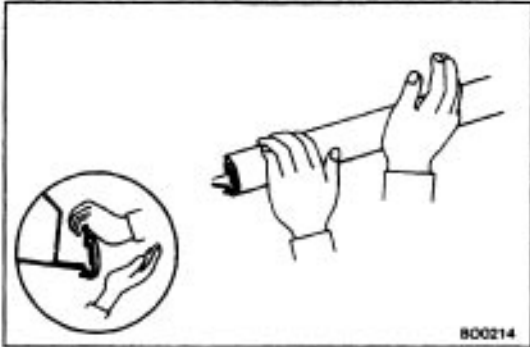


## REMOVAL OF ROOF DRIP MOULDING

(See page [BO-27](#))

### REMOVE ROOF DRIP MOULDING

Using SST, pull off the roof drip moulding from the front end.  
SST 09806-30010

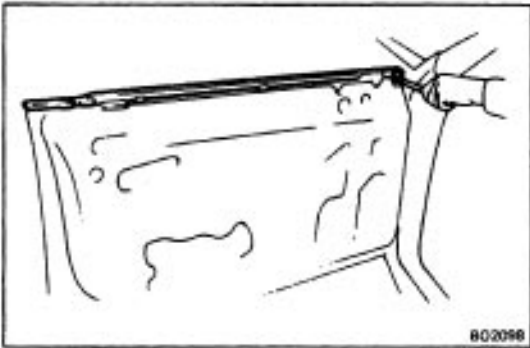


## INSTALLATION OF ROOF DRIP MOULDING

(See page [BO-27](#))

### INSTALL ROOF DRIP MOULDING

Attach the upper edge of the moulding to the body flange.  
Tap on the moulding by hand.



## REMOVAL OF DOOR BELT MOULDING

### 1. REMOVE DOOR GLASS

Front Door (See page [BO-6](#))

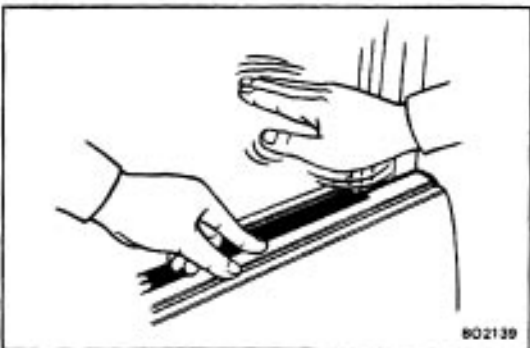
Rear Door (See page [BO-13](#))

### 2. REMOVE DOOR BELT MOULDING

(a) Remove the screw. (Front door)

(b) Remove the two screws. (Rear door)

(e) Pry loose the clips from the edge of the panel and remove the belt moulding.



## INSTALLATION OF DOOR BELT MOULDING

### 1. INSTALL DOOR BELT MOULDING

(a) Tap the moulding onto the door by hand.

(b) Install the screw. (Front door)

(e) Install the two screws. (Rear door)

### 2. INSTALL DOOR GLASS

Front Door (See page [BO-9](#))

Rear Door (See page [BO-16](#))

## REMOVAL OF QUARTER WINDOW MOULDING

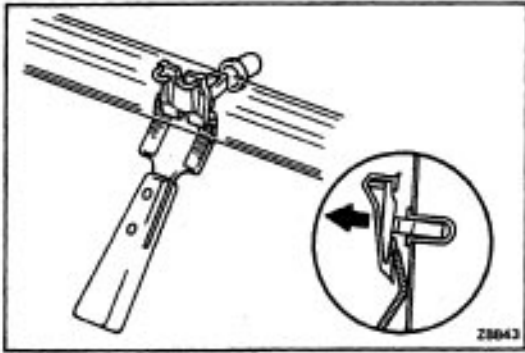
Sedan (See page [BO-44](#))

Station Wagon (See pages [BO-46](#) and 47)

## INSTALLATION OF QUARTER WINDOW MOULDING

Sedan (See page [BO-45](#))

Station Wagon (See pages [BO-47](#) and 48)



## REMOVAL OF ROCKER PANEL MOULDING

(See page [BO-27](#))

### REMOVE ROCKER PANEL MOULDING

- (a) Remove the two screws.
- (b) Pry loose the clips with a scraper and remove the moulding.

HINT: Apply tape to the scraper blade to prevent scratching the vehicle body.

## INSTALLATION OF ROCKER PANEL MOULDING

(See page [BO-27](#))

### INSTALL ROCKER PANEL MOULDING

- (a) Align the clip with the body hole and tap it in by hand.
- (b) Install the two screws.

## Side Body Moulding

### TOOLS AND SUPPLIES

Part No.	Part name	Quantity
08850-00051	Adhesive (Super special) 20g (0-71 oz.)	1
	Cleaner (for cleaning body and removing body oil stains) Heat light	

Precautions for storing moulding material:

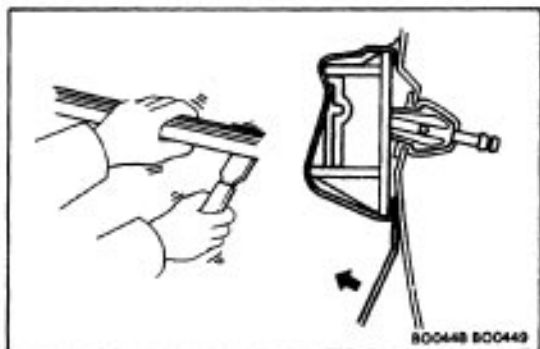
- Store in a cool place, avoiding direct sunlight, high temperatures and dust.
- The moulding is of polyvinyl chloride, so do not allow it to come in contact with thinner or other solvent, open flame, or boiling water.
- The storage time for the moulding, adhesive and Primer T is limited to about 9 months.

### REMOVAL OF FRONT FENDER FRONT SIDE AND QUARTER SIDE MOULDING

#### REMOVE MOULDING

- Remove the nut from the moulding. (Front fender front side)
- Using a scraper, pry loose the clips and remove the moulding.

HINT: Apply tape to the scraper blade to prevent scratching the vehicle body.



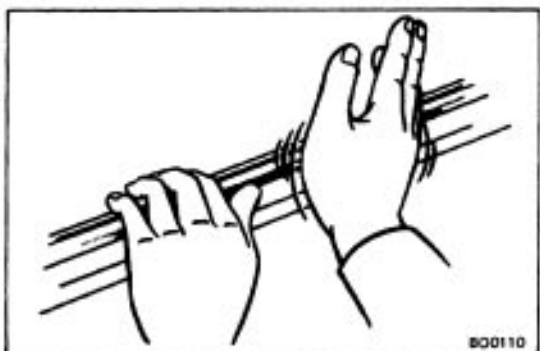
### INSTALLATION OF FRONT FENDER FRONT SIDE AND QUARTER SIDE MOULDING

#### 1. CLEAN MOULDING MOUNTING SURFACE

Wipe off with a rag.

#### 2. INSTALL MOULDING

- Install the clips to the moulding and push the moulding onto the panel by hand.
- Install the nut to the moulding. (Front fender front side)

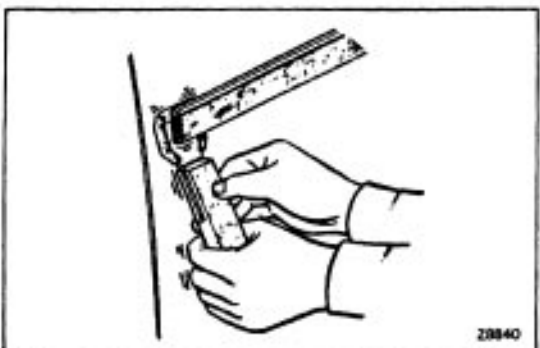


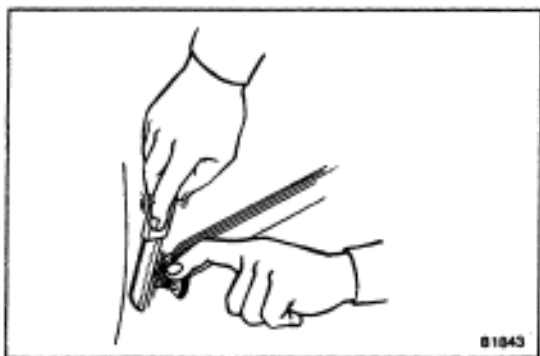
### REMOVAL OF FRONT FENDER REAR SIDE AND DOOR SIDE MOULDING

#### 1. REMOVE ENDS OF MOULDING

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

HINT: Apply tape to the scraper blade to prevent scratching the vehicle body.



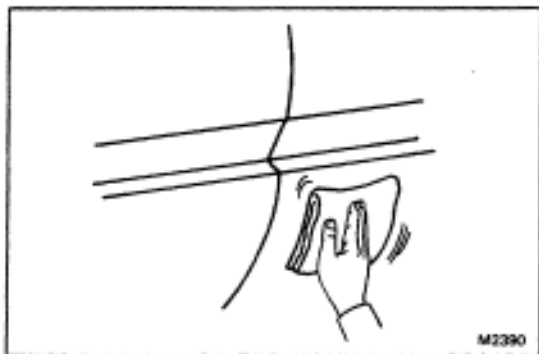


## 2. REMOVE MOULDING AND ADHESIVE

- Pull off the moulding by cutting the adhesive with a knife.
- Scrape off adhesive from the body with a cutter or sandpaper.

### NOTICE:

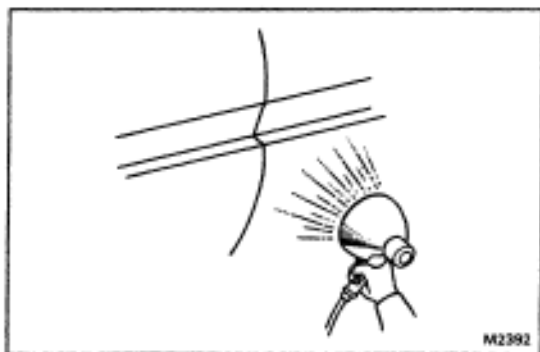
- 30 – 80 mm (1.18 – 3.15 in.) of the ends of the moulding are glued tightly with a strong adhesive.
- Do not reuse moulding.



## INSTALLATION OF FRONT FENDER REAR SIDE AND DOOR SIDE MOULDING

### 1. CLEAN MOULDING MOUNTING SURFACE

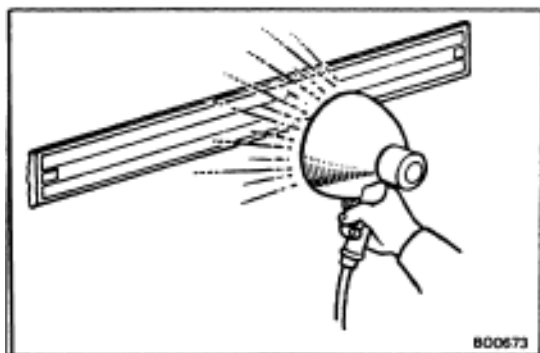
Wipe off stains with cleaner.



### 2. HEAT MOUNTING SURFACE

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

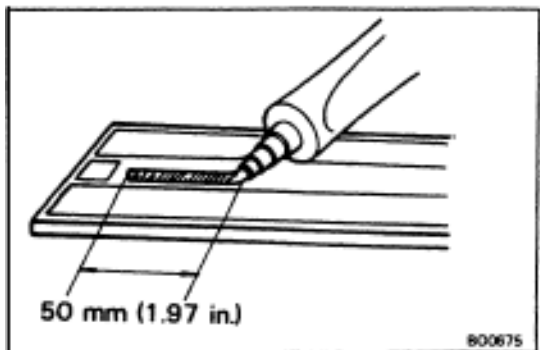
**NOTICE:** When the moulding is installed, the temperature of the mounting surface should be 20°C (68°F) or higher.



### 3. HEAT MOULDING

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

**NOTICE:** Do not heat moulding excessively. The temperature should not be higher than 80°C (176°F).



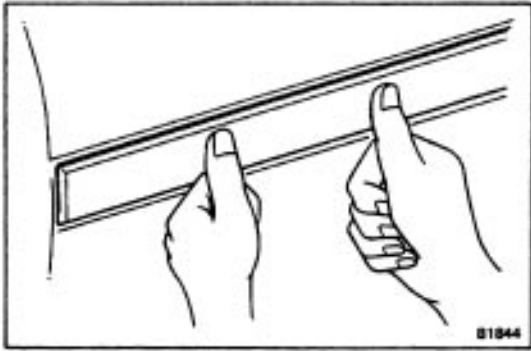
### 4. APPLY ADHESIVE TO MOULDING

Apply adhesive to both punched out ends of the double-stick tape.

**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 uncovered area.

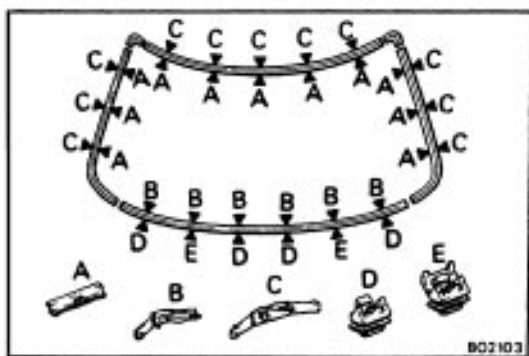
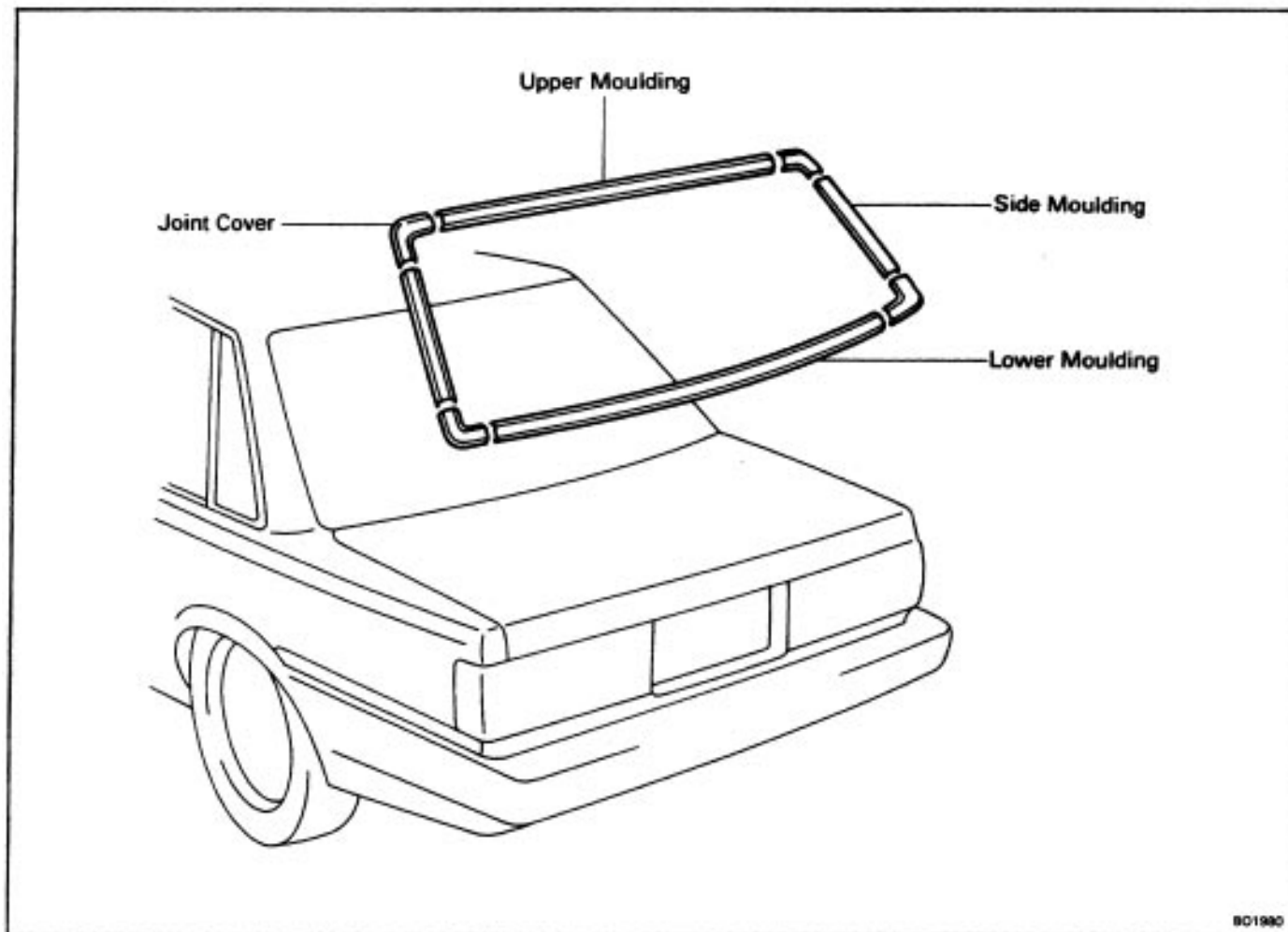
**6. INSTALL MOULDING ALONG BODY PRESS LINE**

**Push the moulding onto the panel by hand.**

**NOTICE:**

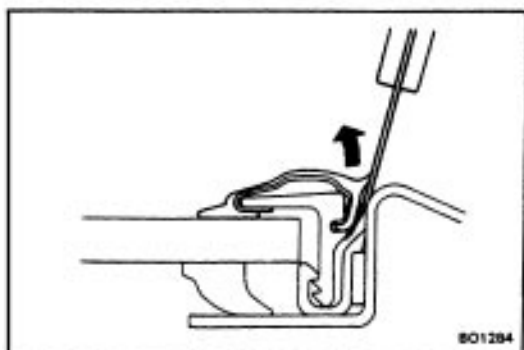
- Be sure that the body and moulding are heated to the proper temperature.
- Do not depress the adhesive-coated parts excessively just hold them down with your thumb.
- Scrape off any overflowing adhesive with a plastic spatula and dean the surface with a dry rag.
- After installation, do not wash the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

## Rear Moulding COMPONENTS



### REMOVAL OF REAR MOULDING

There are three types of clips for moulding installation. Locations of these clips and fasteners are as shown. Carefully apply adhesive tape to protect the body.



### REMOVE MOULDING

(a) Insert the top of a scraper between the body and moulding.

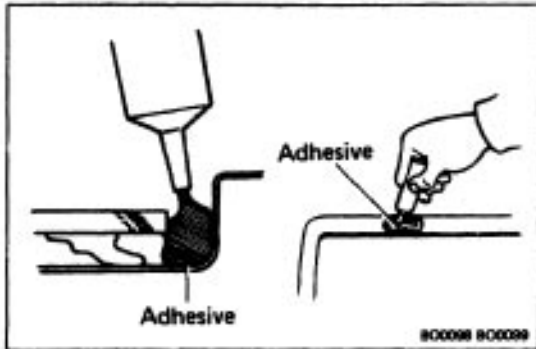
HINT: Apply tape to the scraper blade to prevent scratching the vehicle body.

(b) Pry up the scraper to loosen the moulding from the claws of the clips and fasteners.

(c) Remove the moulding.

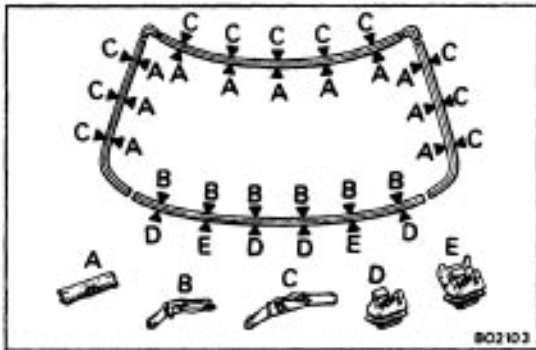
## REPLACEMENT OF FASTENER

(See page [BO-26](#))



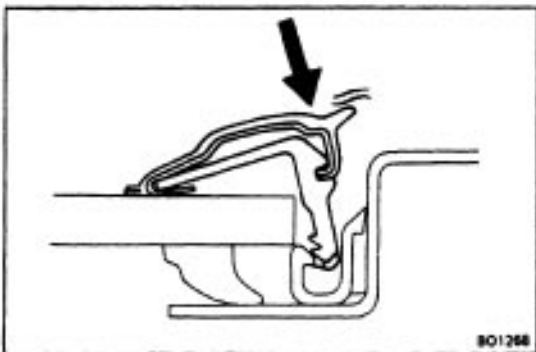
## INSTALLATION OF REAR MOULDING

### 1. APPLY ADHESIVE AT A NEW CLIP INSTALLATION AREA

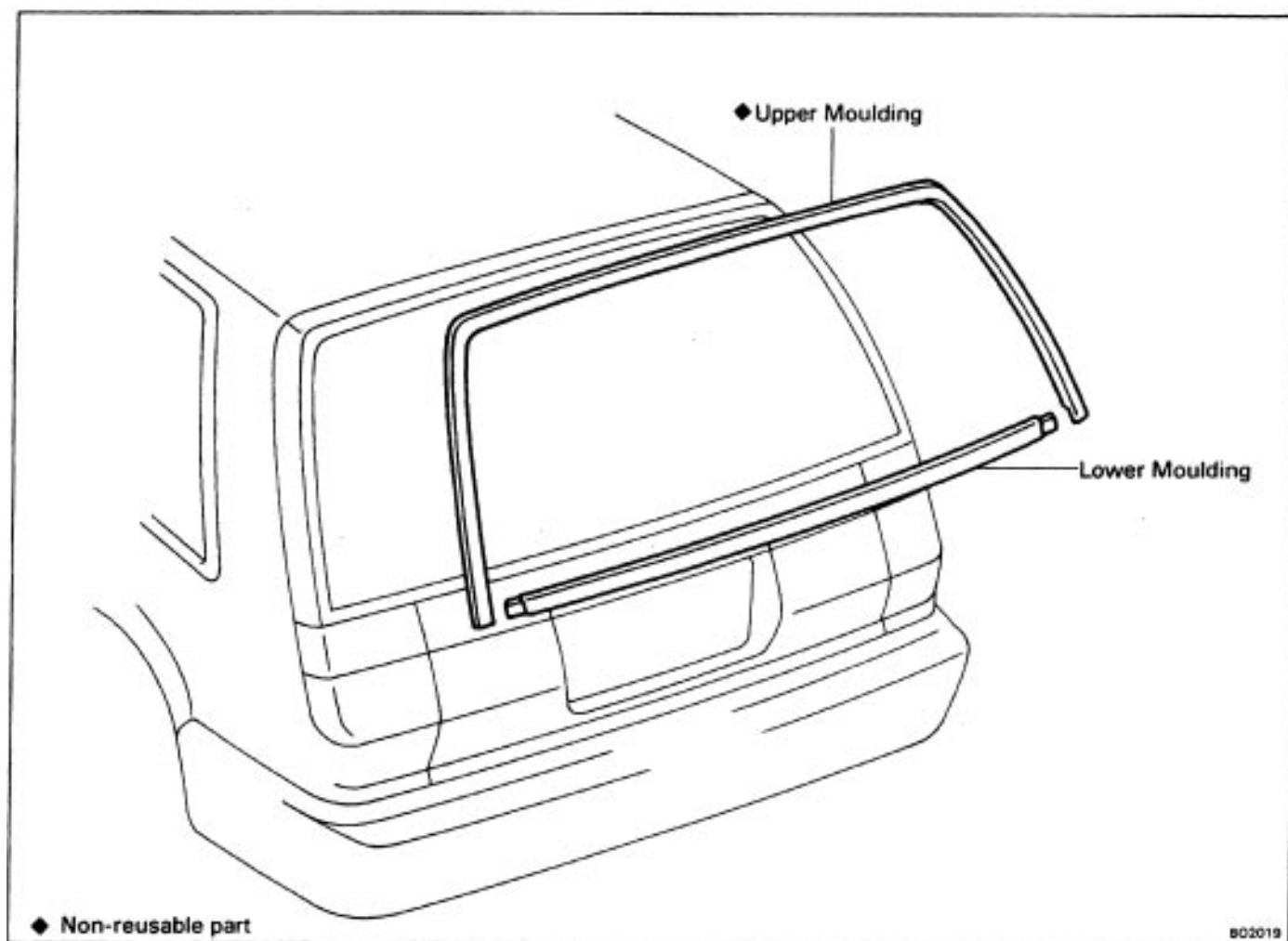


### 2. INSTALL MOULDING

- Check the position of the clips on the moulding and the installation area.
  - Place the moulding onto the body.
- (c) Tap the moulding with your hand to fasten the clips at the glass edge. At the same time, install the fasteners by tapping them by hand.



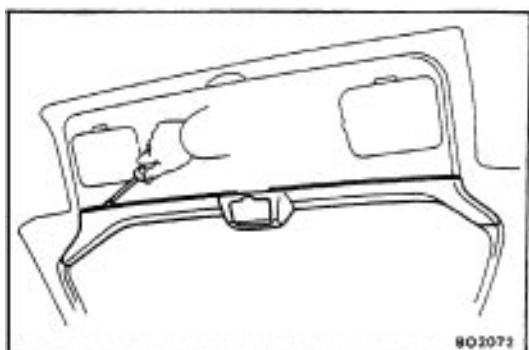
## Back Door Moulding COMPONENTS



### REMOVAL OF BACK DOOR MOULDING

HINT: Carefully apply adhesive tape to protect the body.

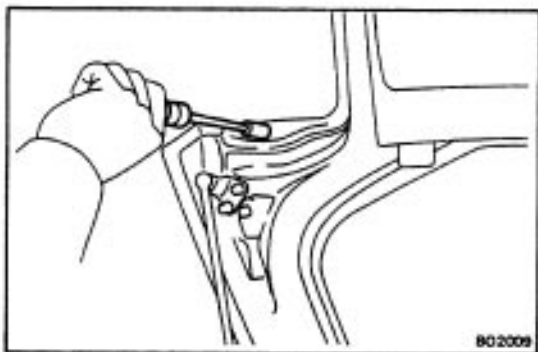
#### 1. REMOVE WIPER ARM



#### 2. REMOVE UPPER BACK DOOR TRIM

Using a screwdriver, remove the upper back door trim with the clips.

HINT: Tape the screwdriver tip before use.



3. **REMOVE LOWER MOULDING AND CLIPS**
  - (a) Remove the two nuts from the moulding.
  - (b) Insert the tip of a scraper between the body and moulding.

HINT: Apply tape to the scraper blade to prevent scratching the vehicle body.

- (c) Pry up the scraper to loosen the moulding from the claws of the clips and fastener.
  - (d) Remove the moulding from the clips.
  - (e) Remove the six clips with the screws.

4. **REMOVE UPPER MOULDING**

HINT: Remove the upper moulding in the same manner as the windshield upper moulding. (See page [BO-26](#))

## **REPLACEMENT OF FASTENER**

(See page [BO-26](#))

## **INSTALLATION OF BACK DOOR MOULDING**

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

1. **INSTALL UPPER MOULDING**

Install the upper moulding in the same manner as the windshield upper moulding. (See page [BO-26](#))

2. **INSTALL LOWER MOULDING**

- (a) Install the six clips with the screws.
  - (b) Place the moulding onto the body.
  - (c) Tap the moulding with your hand to fasten the clips at the glass edge. At the same time, install the fasteners by tapping them by hand.
  - (d) Install the two nuts.

3. **INSTALL UPPER BACK DOOR TRIM**

4. **INSTALL WIPER ARM**

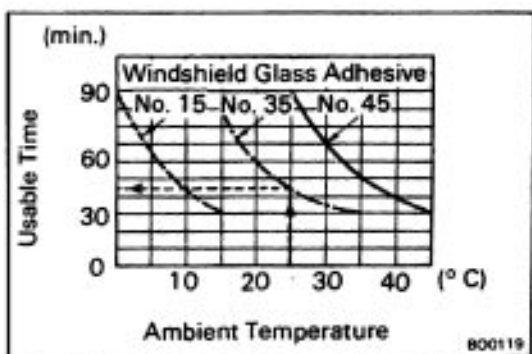
## WINDSHIELD PREPARE ITEMS LISTED

Part name and No.	Contents of set	Quantity
Adhesive set 08850-00070 (0-15°C or 32-59°F)	Main agent 500g (17.64 oz.)	1
08850-00080 (15-35°C or 59-95°F)	Hardening agent 75g (2.65 oz.)	1
08850-00090 (35-45°C or 95-113°F)	Primer G (for glassy 20g (0.71 oz.)	1
	Primer M (for body) 20g (0.71 oz.)	1
	Sponge (for applying primer)	2
	Piano wire 0.6 mm dia. x 1 m (0.024 x 39.37 in.)	1
	Cartridge	1
Dam kit 04562-30040	Dam Double-stick tape (for sticking on dam)	
	Sealant gun (for applying adhesive) Glass of steel sheet (for mixing adhesive) Putty spatula (for mixing adhesive and correcting adhered parts) Cleaner (for cleaning adhering surface)	

Ambient temperature	Part No.	Part name
0 - 15°C (32 - 59°F)	08850-00070	Windshield glass adhesive set No. 15
15 - 35°C (59 - 95°F)	08850-00080	Windshield glass adhesive set No. 35
35 - 45°C (95 - 113°F)	08850-00090	Windshield glass adhesive set No. 45

### 1. CHOOSE SUITABLE ADHESIVE SET

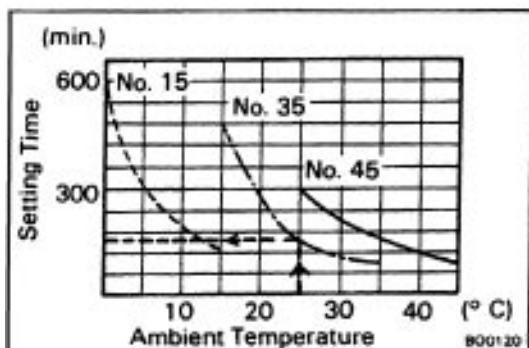
Use an adhesive set suitable for the ambient temperature.



### 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.

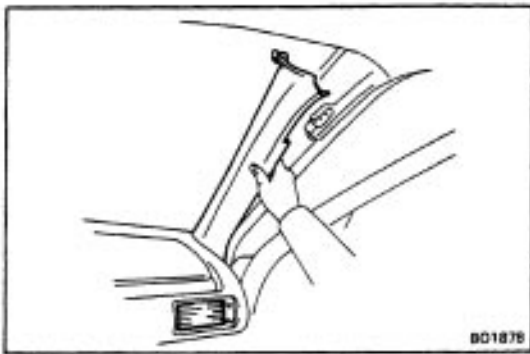
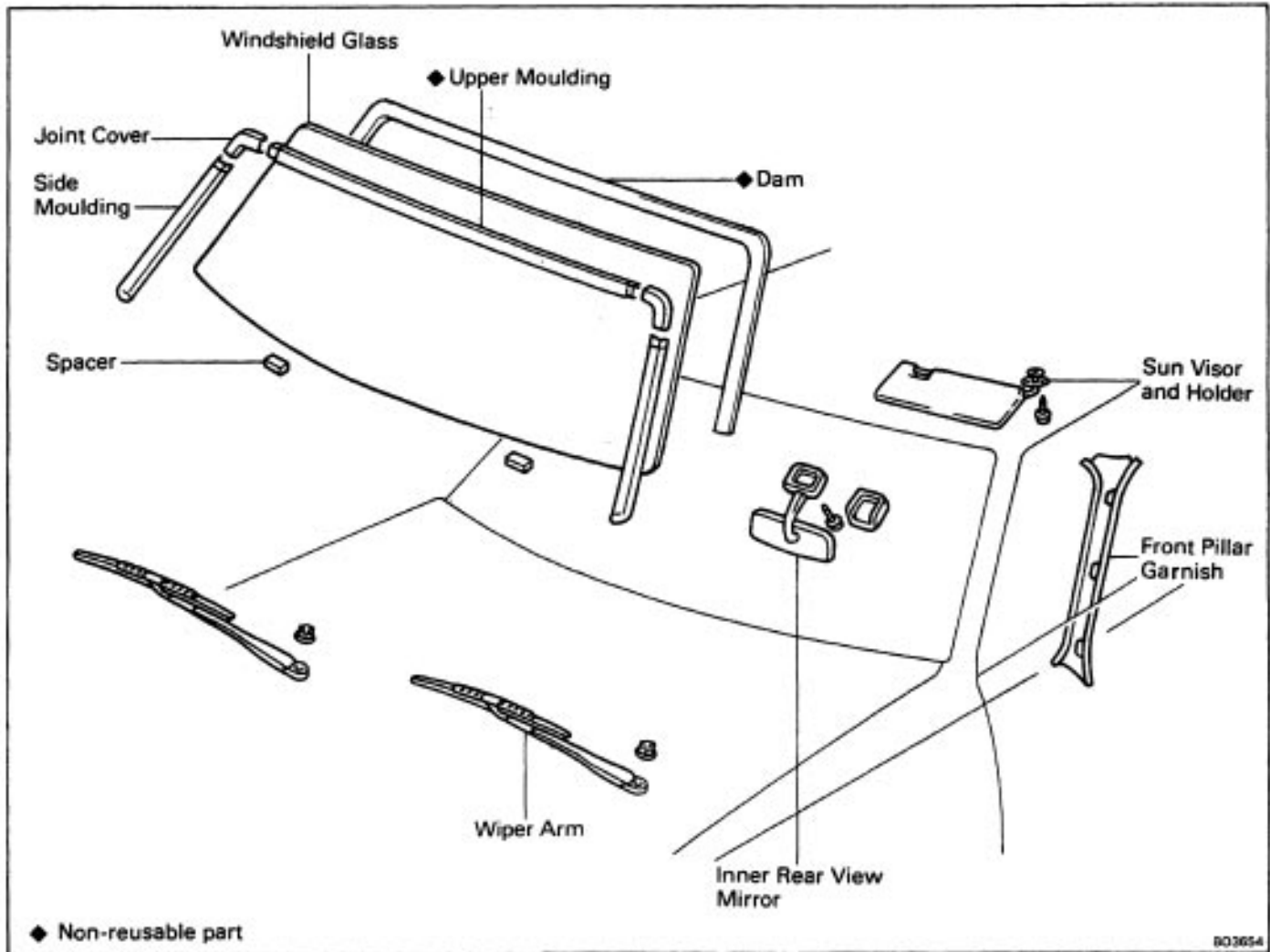


### 3. CHECK ADHESIVE HARDENING TIME

After main and hardening agents are mixed, leak tests should be made only after the hardening time has elapsed. Example: The setting 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.

## COMPONENTS



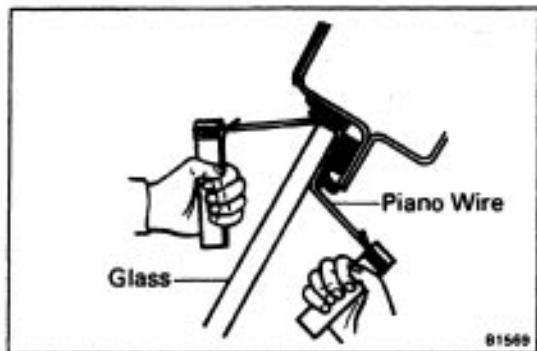
## REMOVAL OF WINDSHIELD

1. **REMOVE FRONT PILLAR GARNISH**
  - (a) Pry out the clips by your hand.
  - (b) Pull the garnish upward to remove it.
2. **REMOVE FOLLOWING PARTS:**
  - (a) Inner rear view mirror
  - (b) Sun visors and holders
  - (e) Hood
  - (d) Wiper arms
3. **REMOVE WINDSHIELD MouldING**  
(See pages [BO-25](#) and 26)

**4. REMOVE CUPS****(See page BO-25)**

Be careful not to damage the clips when removing them from around the glass.

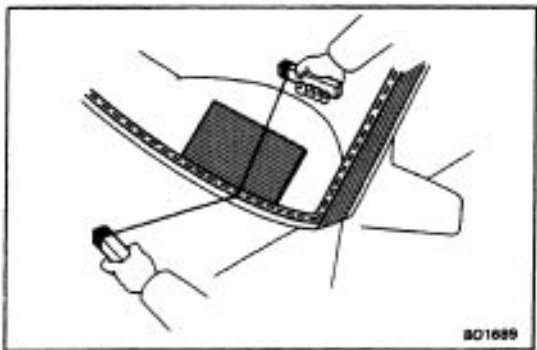
HINT: It is not necessary to remove the fasteners but damaged fasteners should be replaced.

**5. REMOVE WINDSHIELD GLASS**

(a) Push piano wire through from the interior.

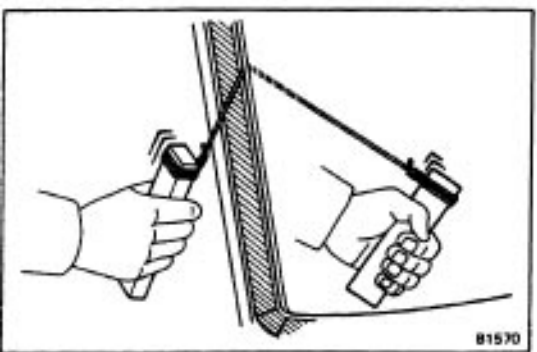
(b) Tie both wire ends to a wooden block or like object.

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



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

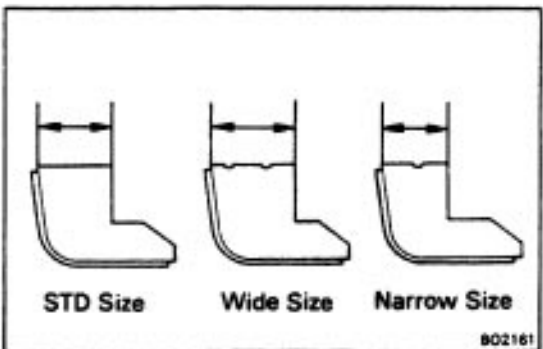
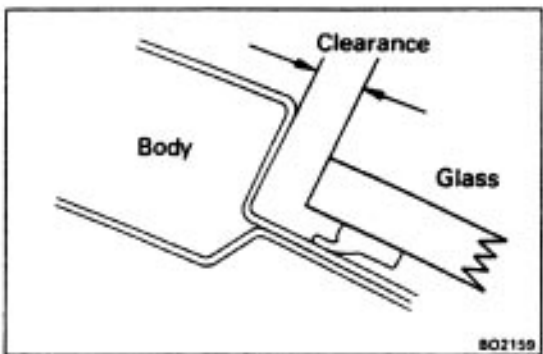
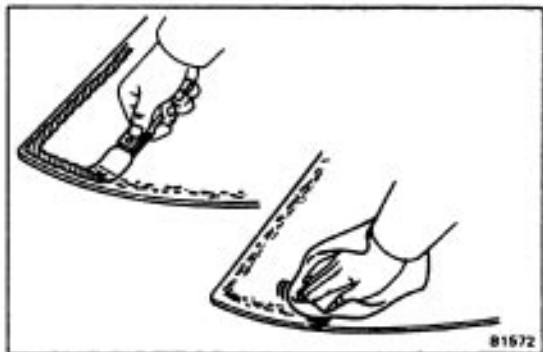
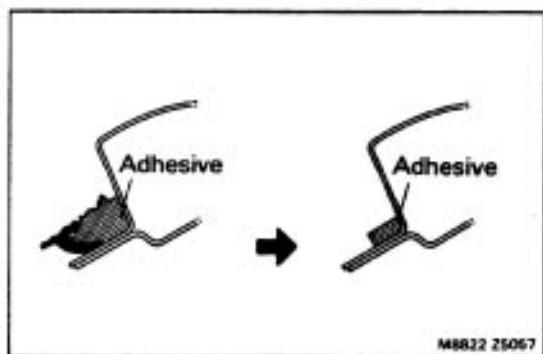
To prevent scratching the safety pad when removing the windshield, place a plastic sheet between the piano wire and safety pad.



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

(d) Remove the glass.

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



## PREPARATION FOR INSTALLATION

### 1. CLEAN AND SHAPE CONTACT SURFACE OF BODY

- Remove any dam remaining on the body.
- Cut away any rough areas with a knife.

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

- Clean the cutting surface of the adhesive with a piece of cloth saturated in cleaner:

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

### 2. IF NECESSARY, REPLACE FASTENERS

(See page [BO-26](#))

### 3. CLEAN REMOVED GLASS BEFORE INSTALLATION

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

### 4. INSTALL SPACERS

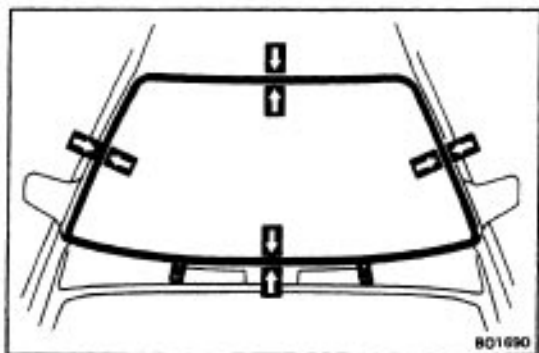
HINT: If replacing the spacer, select a spacer by the following method.

- Install the old type spacer or any type spacer.
- Place the windshield glass to the body.  
[See steps 5(a) to 5(e) on page [BO-41](#) ]
- Measure the clearance between the top of the windshield glass and body as shown.

Standard clearance:  $6.2 \pm 2$  mm ( $0.244 \pm 0.08$  in.)

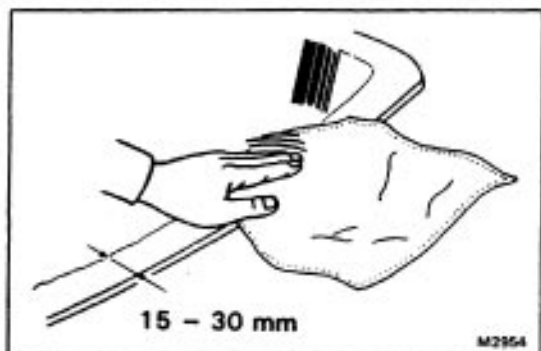
If the clearance is not as specified, replace the spacer with one of the correct size.

Size	Clearance
STD	Standard clearance
Wide	Less than standard clearance
Narrow	More than standard clearance



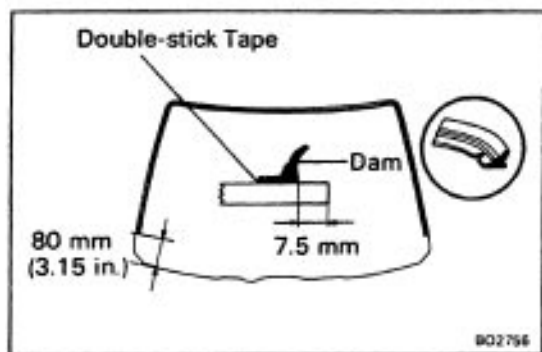
### 5. POSITION GLASS \*

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



### 6. CLEAN CONTACT SURFACE OF GLASS

Using cleaner, clean the contact surface 15 30 mm (0.59 1.18 in.) wide around the entire glass rim.



## INSTALLATION OF WINDSHIELD

### 1. INSTALL DAM

- Apply double-stick tape at a point 7.5 mm (0.235 in.) from the glass rim as shown in the illustration.
- Place the dam on the double-stick tape.

HINT: Cut a V-wedge into the corner folds of the dam.

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

### 2. COAT CONTACT SURFACE OF BODY WITH PRIMER "M"

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

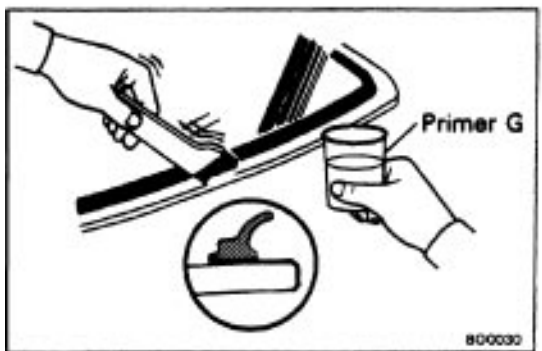
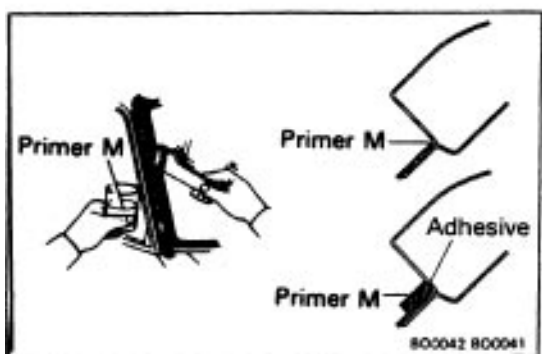
NOTICE:

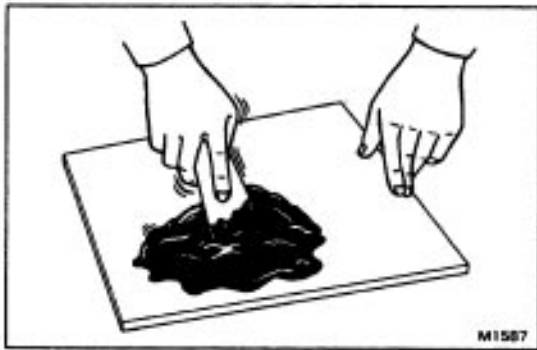
- Let the Primer coating dry for 10 minutes or more. Make sure that the installation of the glass is finished within 2 hours.
- Use care not to leave any part of the contact surface uncoated or excessively coated, as Primer M and G serve to boost the adhesive power of the adhesive to the glass or body.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

### 3. 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 any excess off with a clean cloth to avoid too thick a coat.

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





#### 4. MIX ADHESIVE COATING

##### NOTICE:

- Be sure that installation of the glass is finished within usable time. (See step 2 on page [BO-37](#))
- The mixture should be made in 5 minutes or less.
- (a) 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.

#### 5. 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.

**NOTICE:** As to lower side of adhesive, apply it on the cowl inner panel.

##### Adhesive height:

If adhesive remains on body

3.5 – 5.0 mm (0.138 – 0.197 in.)

If no adhesive remains on body

8 – 10 mm (0.31 – 0.39 in.)

#### 6. INSTALL GLASS

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

#### 7. INSPECT FOR LEAKS AND REPAIR

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

#### 8. INSTALL WINDSHIELD OUTSIDE MOULDING

(See page [BO-26](#))

#### 9. INSTALL FOLLOWING PARTS:

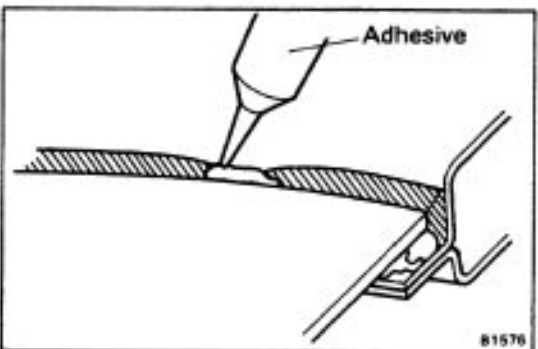
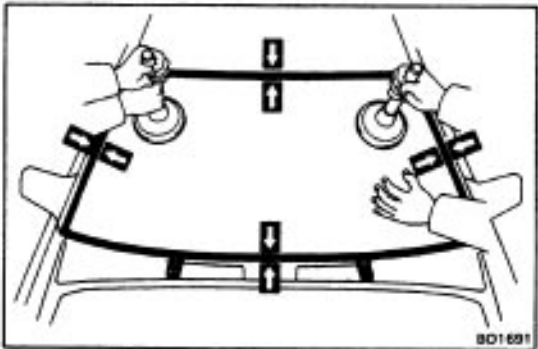
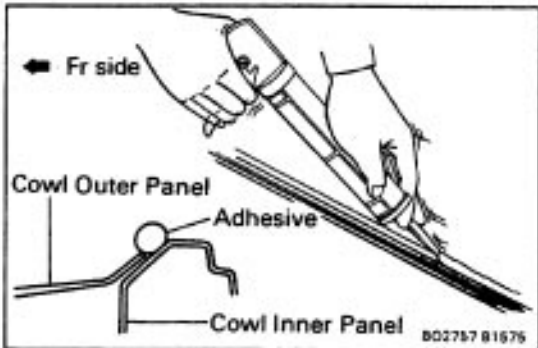
- (a) Wiper arms and inner rear view mirror
- (b) Sun visors and holders

#### 10. INSTALL FRONT PILLAR GARNISH

#### 11. INSTALL AND ADJUST HOOD

(See page [BO-3](#))

**NOTICE:** Wait at least twice the setting time before driving the car.



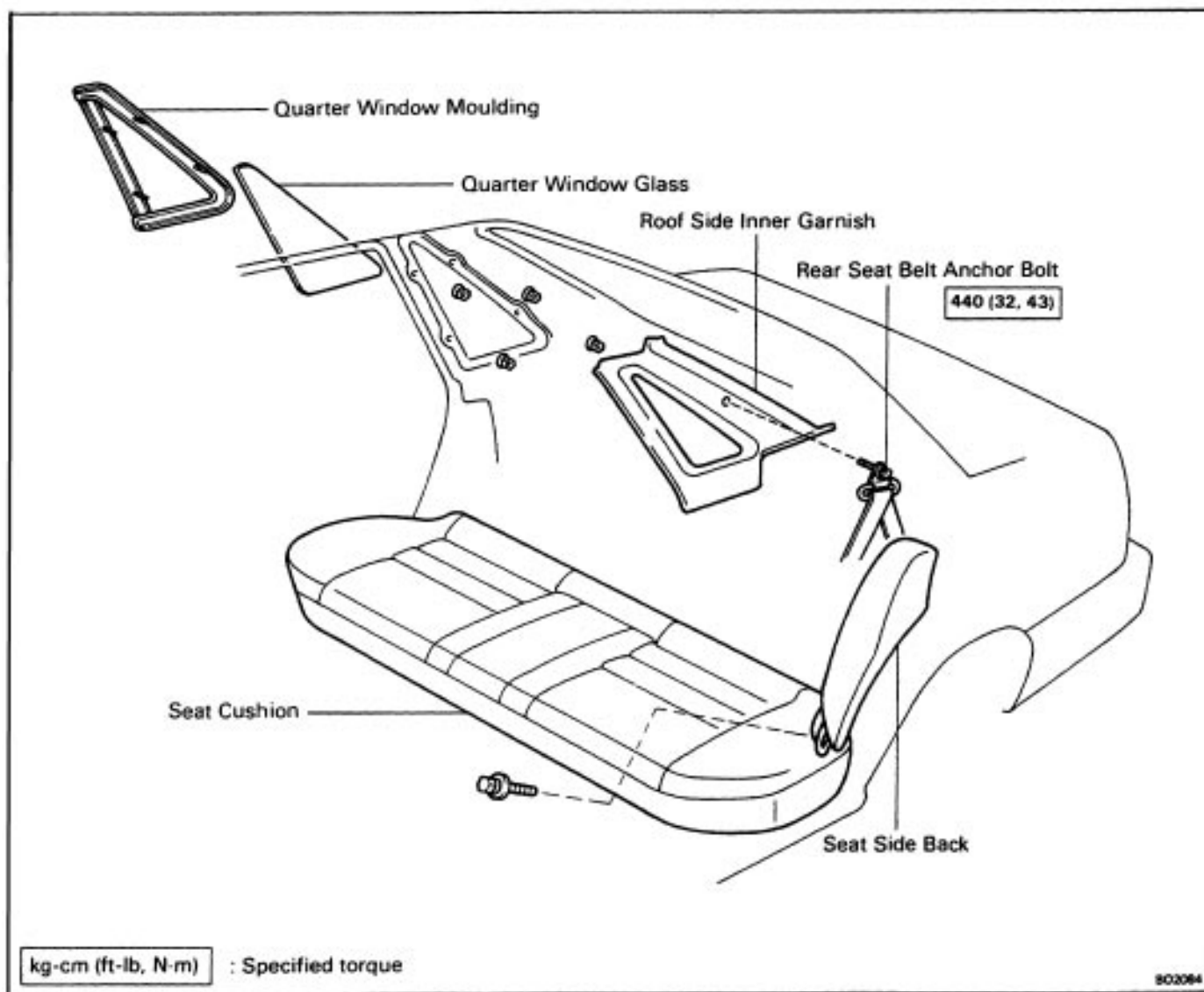
# QUARTER WINDOW GLASS

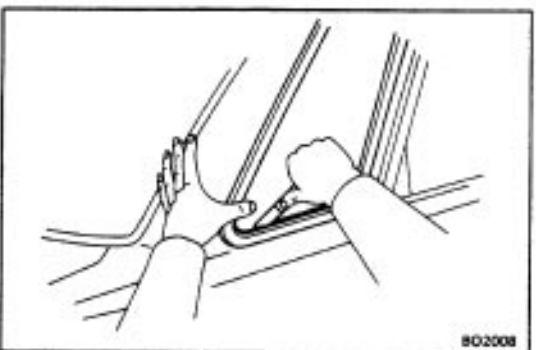
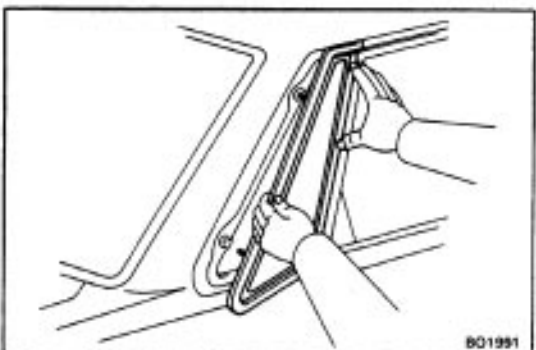
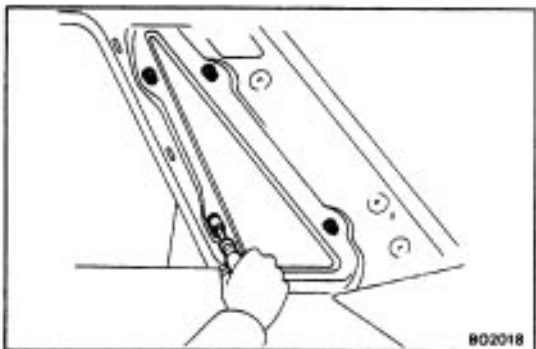
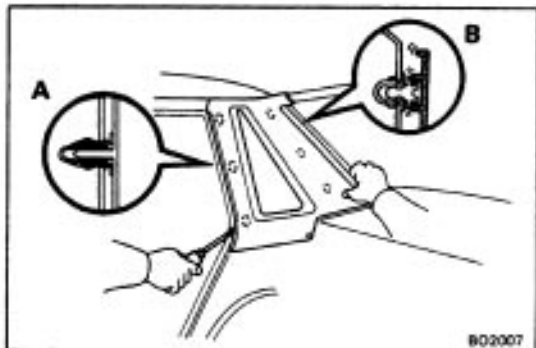
## Sedan

### PREPARE ITEMS LISTED

Part name and No.	Contents of set
Butyl tope set (08850-00065)	Butyl tape 9 mm dia. x 2,500 mm (0.35 x 98.43 in.) Primer 5 cc (0.17 fl.oz.) Sponge (for applying primer) Piano wire 1 mm dia. x 600 mm (0.04 x 23.62 in.) (for slicing off glass)
Materials required	Cleaner (for cleaning adhering surfaces)

## COMPONENTS





## REMOVAL OF QUARTER WINDOW GLASS

### 1. REMOVE REAR SEAT CUSHION

- (a) Pull the left and right levers forward and pull up the seat cushion.

### 2. REMOVE REAR SEAT BACK OR SEAT SIDE BACK

- (a) Remove the lower left and right bolts and pull the seat back upward to separate it. (w/ Fixed seat type)
- (b) Remove the lower side bolts and pull the seat side back upward to separate it. (w/ Separate seat type)

### 3. REMOVE ROOF DRIP MOULDING (See page [BO-28](#))

### 4. REMOVE REAR SEAT BELT ANCHOR BOLT

### 5. REMOVE ROOF SIDE INNER GARNISH

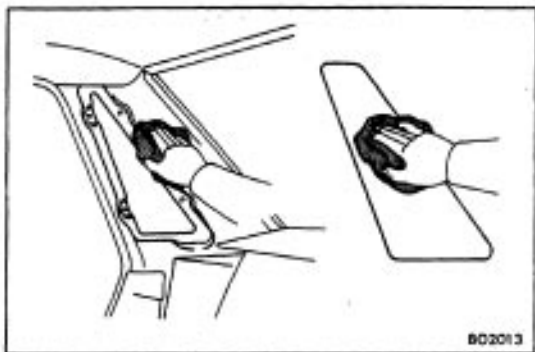
- (a) Using a screwdriver, pry loose the three clips (A).  
HINT: Tape the screwdriver tip before use.
- (b) Pull loose the three retainers (B) and remove the garnish.

### 6. REMOVE QUARTER WINDOW MOULDING

- (a) Remove the four mounting nuts.
- (b) Pull the rear portion of the quarter window moulding outward by hand, and lift it from the body.
- (c) While pushing the front side of the quarter window moulding, pull it off toward the outside.

### 7. REMOVE QUARTER WINDOW GLASS

- (a) Using a knife, cut loose the sealer.  
HINT: Do not damage the body.
- (b) Remove the glass.

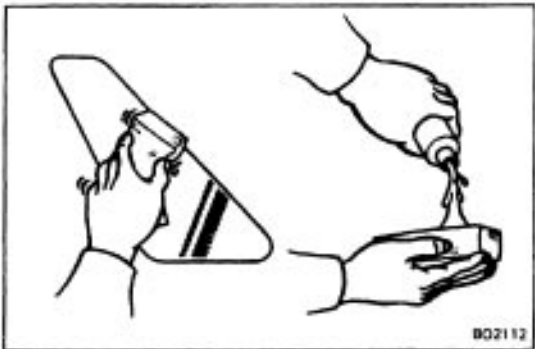


## INSTALLATION OF QUARTER WINDOW GLASS

(See page [BO-43](#))

### 1. CLEAN BODY OR GLASS

Wipe off any adhesive left on the body and glass with cleaner.

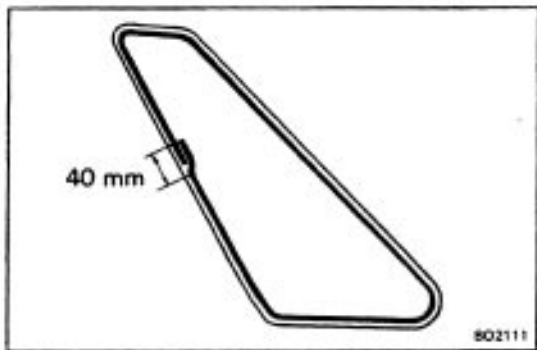


### 2. COAT CONTACT SURFACE OF GLASS WITH PRIMER

(a) Using a sponge, apply the primer around the entire ceramic application area.

HINT: Apply primer evenly and to the ceramic application area only.

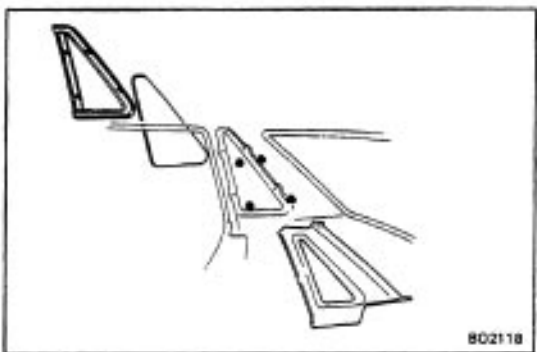
(b) Let the primer coating dry for 10 minutes.



### 3. APPLY SEAL TO GLASS

Install the seal to the glass.

HINT: Overlap the seal approx. 40 mm (1.57 in.) at the front area.



### 4. INSTALL QUARTER WINDOW GLASS WITH MOULDING

(a) Fit on the moulding.

(b) Install the glass using the moulding stud bolts as a guide.

(c) Install the four mounting nuts.

### 5. INSTALL FOLLOWING PARTS:

(a) Roof side inner garnish

(b) Rear seat belt anchor bolt

**Torque: 440 kg-cm (32 ft-lb, 43 N·m)**

(c) Roof drip moulding

(d) (w/ Fixed Seat Type)

Rear seat

(e) (w/ Separate Seat Type)

Rear side seat back and seat cushion.

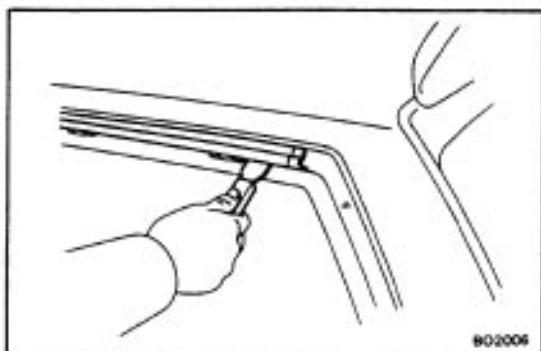
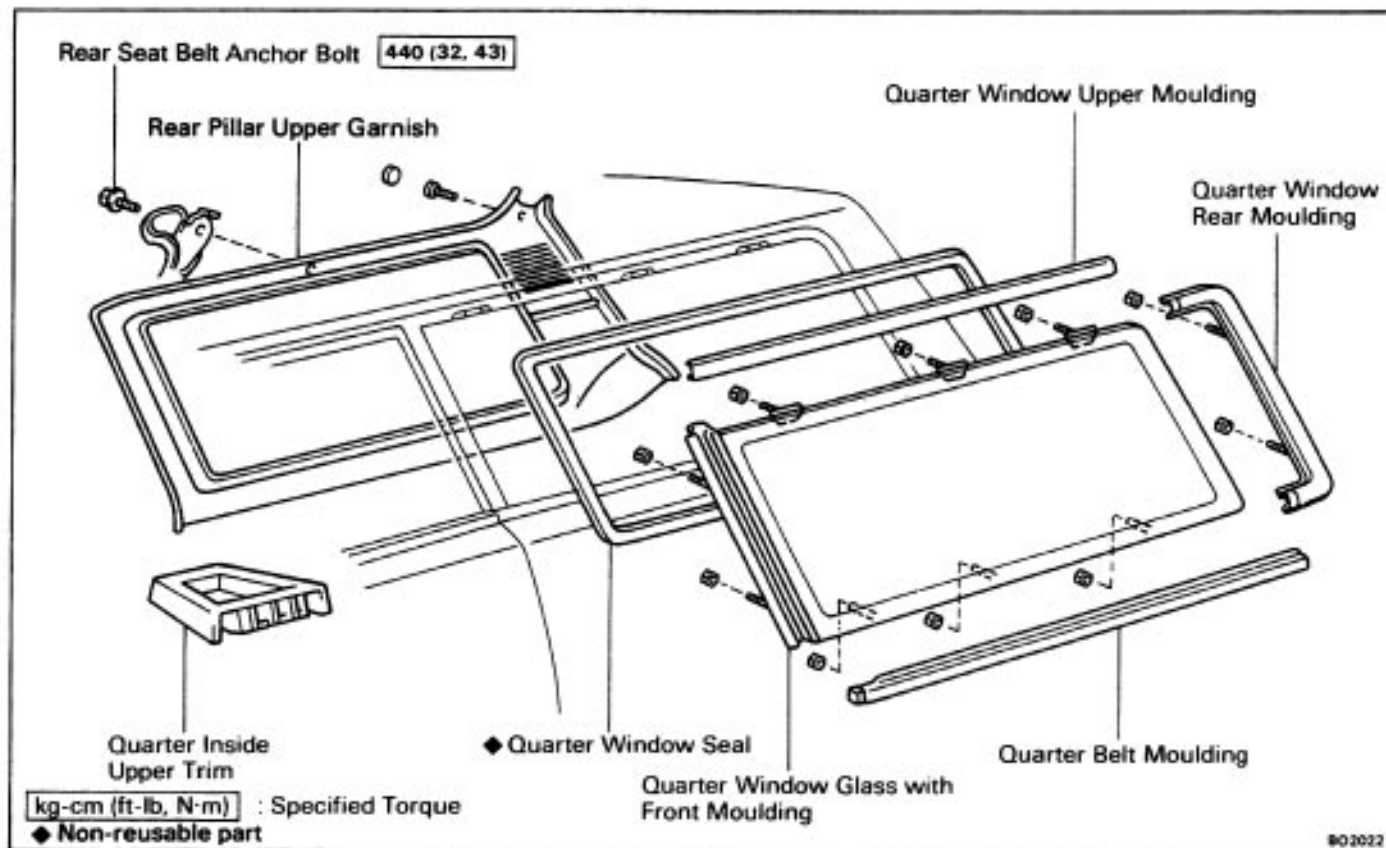
# QUARTER WINDOW GLASS

## Station Wagon

### PREPARE ITEMS LISTED

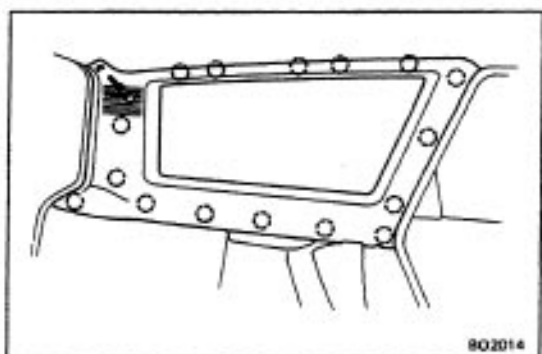
(See page [BO-43](#))

### COMPONENTS



## REMOVAL OF QUARTER WINDOW GLASS

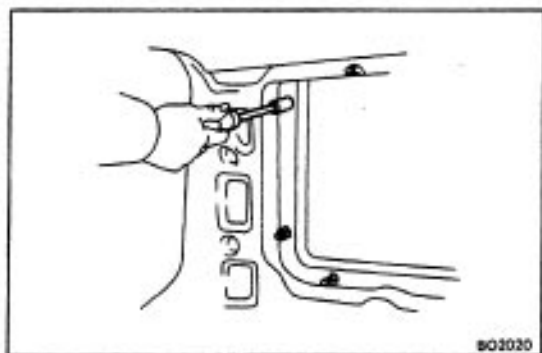
- 1. REMOVE REAR ROOF DRIP MOULDING**  
(See page [BO-28](#))
- 2. REMOVE QUARTER WINDOW UPPER MOULDING**  
Using a scraper, pry the upper moulding.  
HINT: Apply tape to the scraper blade to prevent scratching the vehicle body.
- 3. REMOVE QUARTER BELT MOULDING**  
Pry off the belt moulding by hand.
- 4. REMOVE SEAT SIDE BACK**  
(See page [BO-73](#))  
Remove the lower side bolts and pull the seat side back upward to separate it.
- 5. REMOVE QUARTER INSIDE UPPER TRIM**
- 6. REMOVE REAR SEAT BELT ANCHOR BOLT**



## 7. REMOVE REAR PILLAR UPPER GARNISH

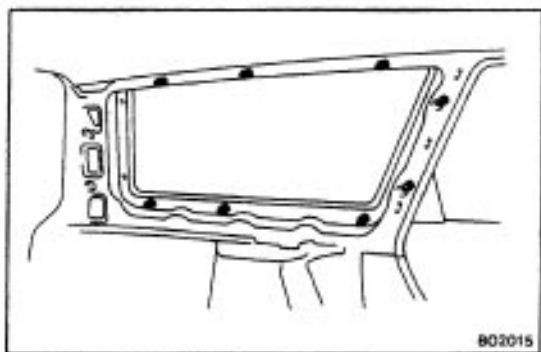
- (a) Remove the screw cap and screw.
- (b) Pry loose the sixteen clips with a screwdriver and remove the garnish.

HINT: Tape the screwdriver tip before use.



## 8. REMOVE QUARTER WINDOW REAR MOULDING

Remove the two nuts and rear moulding.



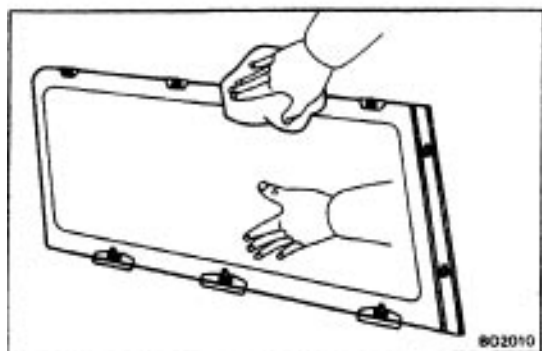
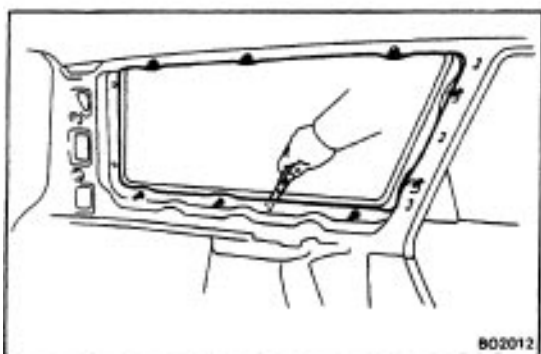
## 9. REMOVE QUARTER WINDOW GLASS WITH FRONT MOULDING

- (a) Remove the eight window glass set nuts.

- (b) Using a knife, cut loose the sealer.

HINT: Do not damage the body.

- (c) Remove the glass with front moulding.

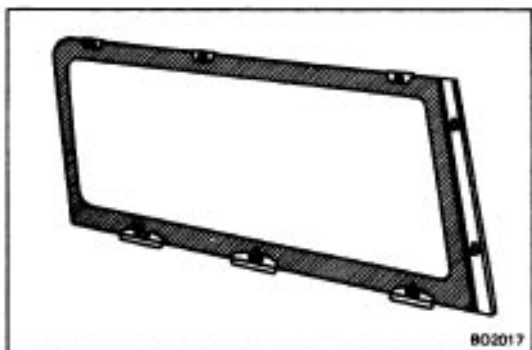


## INSTALLATION OF QUARTER WINDOW GLASS

(See page [BO-46](#))

### 1. CLEAN BODY OR GLASS

Wipe off any adhesive left on the body and glass with cleaner.

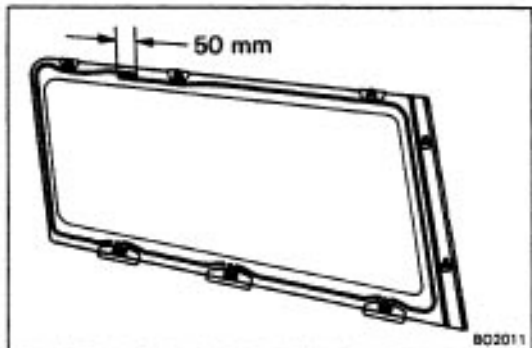


## 2. COAT CONTACT SURFACE OF GLASS WITH PRIMER

- (a) Using a sponge, apply the primer around the entire ceramic application area.

HINT: Apply primer evenly and to— the ceramic application area only.

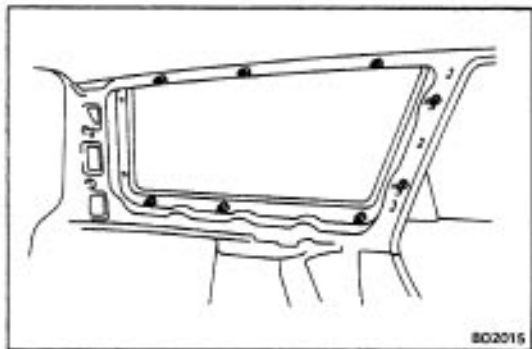
- (b) Let the primer coating dry for 10 minutes.



## 3. APPLY SEAL TO GLASS

Install the seal to the glass.

HINT: Overlap the seal approx. 50 mm (1.97 in.) at the top of the glass.

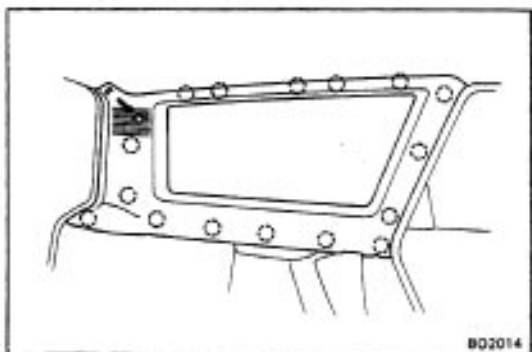


## 4. INSTALL QUARTER WINDOW GLASS WITH FRONT MOULDING

- (a) Install the glass to the body.  
(b) Install the eight window glass set nuts.

## 5. INSTALL QUARTER WINDOW REAR MOULDING

Install the rear moulding with two nuts.



## 6. INSTALL REAR PILLAR UPPER GARNISH

- (a) Install the clips to the garnish and tap the garnish onto the body.  
(b) Install the screw and screw cap.

## 7. INSTALL REAR SEAT BELT ANCHOR BOLT

Torque: 440 kg-cm (32 ft-lb, 43 N-m)

## 8. INSTALL QUARTER INSIDE UPPER TRIM

## 9. INSTALL SEAT SIDE BACK

## 10. INSTALL QUARTER BELT MOULDING

## 11. INSTALL QUARTER WINDOW UPPER MOULDING

## 12. INSTALL REAR ROOF DRIP MOULDING

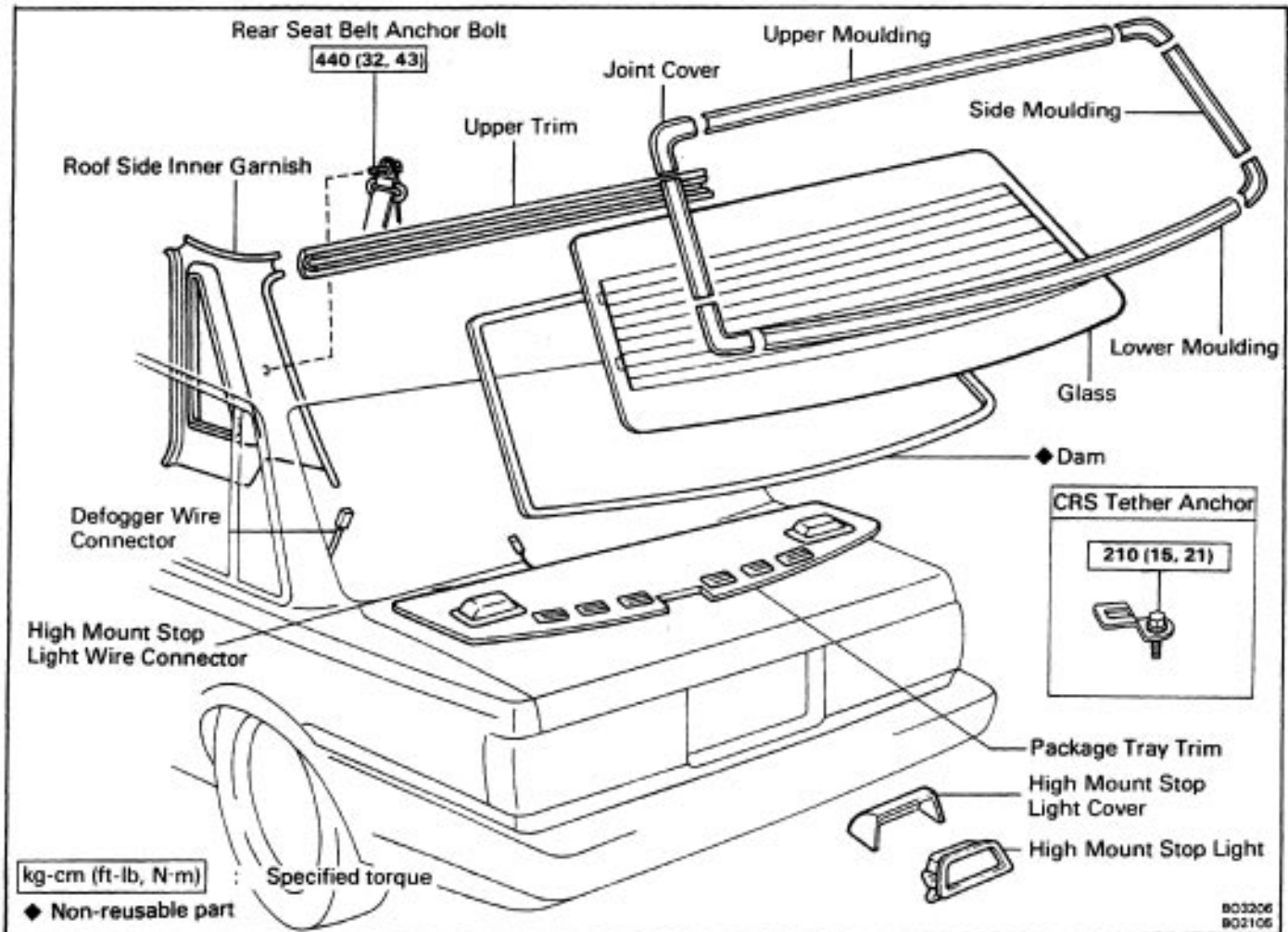
(See page [BO-28](#))

# REAR WINDOW GLASS

## PREPARE ITEMS LISTED

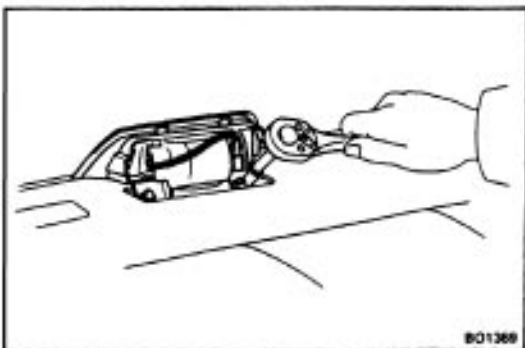
(See page [BO-37](#))

## COMPONENTS



## REMOVAL OF REAR WINDOW GLASS

1. DISCONNECT DEFOGGER WIRE CONNECTORS
2. REMOVE REAR SEAT BELT ANCHOR BOLT
3. REMOVE ROOF SIDE INNER GARNISH  
(See page [BO-44](#))
4. REMOVE REAR MOULDING AND CLIPS  
(See page [BO-33](#))
5. REMOVE HIGH MOUNT STOP LIGHT
  - (a) Remove the high mount stop light cover.
  - (b) Disconnect the connector from the high mount stop light.
  - (c) Remove the two bolts and high mount stop light.
6. REMOVE CRS TETHER ANCHOR  
Remove the bolt with CRS tether anchor.
7. REMOVE PACKAGE TRAY TRIM

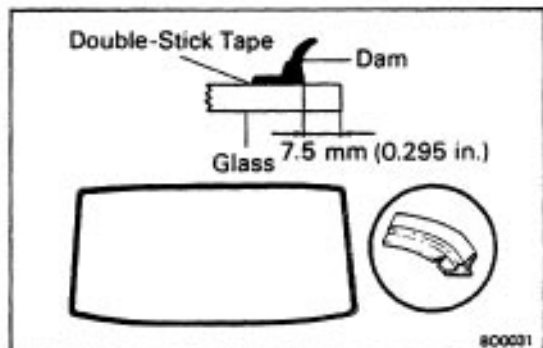


**8. REMOVE REAR WINDOW GLASS**

HINT: Remove the rear window glass in the same manner as the windshield glass. (See page [BO-39](#))

**PREPARATION FOR INSTALLATION**

(See pages [BO-40](#) and 41)

**INSTALLATION OF REAR WINDOW GLASS****1. INSTALL DAM**

(See page [BO-41](#))

HINT: Install the dam on the surroundings of glass.

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

(See page [BO-41](#))

**3. COAT CONTACT SURFACE OF GLASS WITH PRIMER "G"**

(See page [BO-41](#))

**4. MIX ADHESIVE COATING**

(See page [BO-41](#))

**5. APPLY ADHESIVE**

(See page [BO-41](#))

**6. INSTALL GLASS**

(See page [BO-42](#))

**7. INSPECT FOR LEAKS AND REPAIR**

(See page [BO-42](#))

**8. INSTALL REAR MOULDING AND CLIPS**

(See page [80-34](#))

**9. INSTALL HIGH MOUNT STOP LIGHT**

- (a) Install the high mount stop light with the two bolts.
- (b) Connect the connector to the high mount stop light.
- (c) Install the high mount stop light cover.

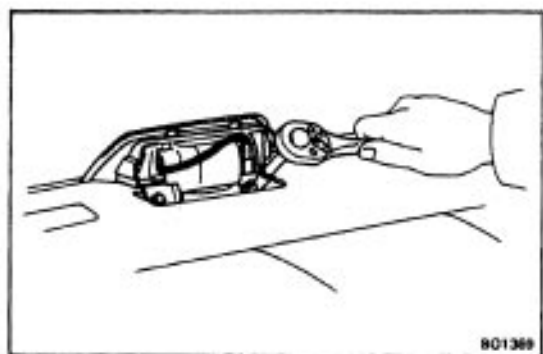
**10. INSTALL PACKAGE TRAY TRIM****11. INSTALL CRS TETHER ANCHOR**

Install the CRS tether anchor with the bolt.

Torque: 210 kg-cm (15 ft-lb, 21 N-m)

**12. INSTALL ROOF SIDE INNER GARNISH****13. INSTALL REAR SEAT BELT ANCHOR BOLT**

Torque: 440 kg-cm (32 ft-lb, 43 N-m)

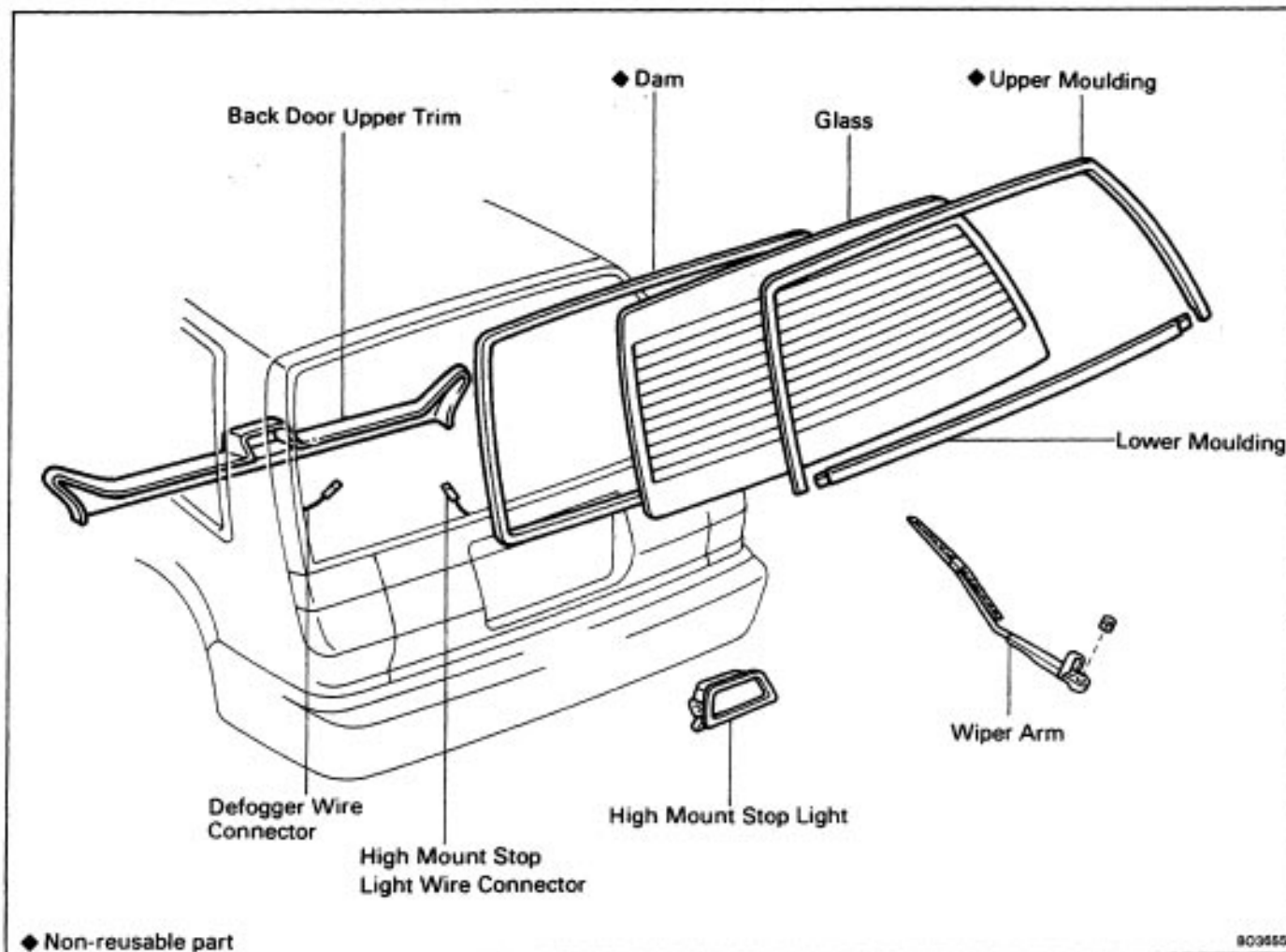
**14. CONNECT DEFOGGER WIRE CONNECTORS**

# BACK DOOR GLASS

## PREPARE ITEMS LISTED

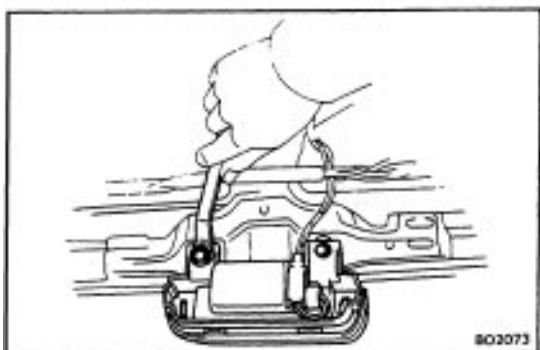
(See page [BO-37](#))

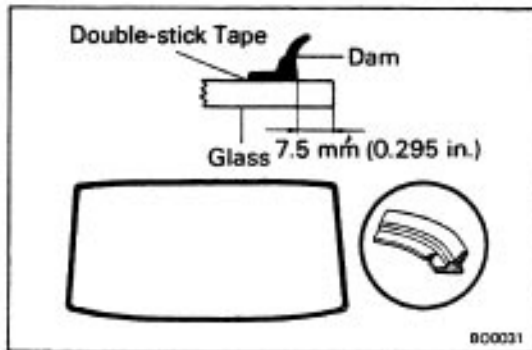
## COMPONENTS



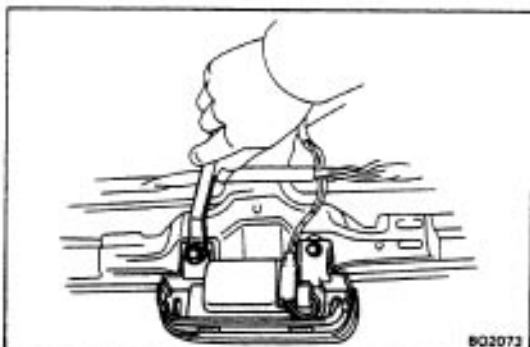
## REMOVAL OF BACK DOOR GLASS

1. REMOVE REAR WIPER ARM
2. DISCONNECT DEFOGGER WIRE CONNECTORS
3. REMOVE BACK DOOR UPPER TRIM
4. REMOVE HIGH MOUNT STOP LIGHT
  - (a) Disconnect the connector from the high mount stop light.
  - (b) Remove the two bolts and high mount stop light.



**5. REMOVE LOWER MOULDING AND CLIPS**(See page [BO-36](#))**6. REMOVE UPPER MOULDING**HINT: Remove the upper moulding in the same manner as the windshield upper moulding. (See page [BO-26](#))**7. REMOVE BACK DOOR GLASS**HINT: Remove the back door glass in the same manner as the windshield glass. (See page [BO-39](#))**PREPARATION FOR INSTALLATION**(See pages [BO-40](#) and 41)**INSTALLATION OF BACK DOOR GLASS****1. INSTALL DAM**(See page [BO-41](#))

HINT: Install the dam on the surroundings of glass.

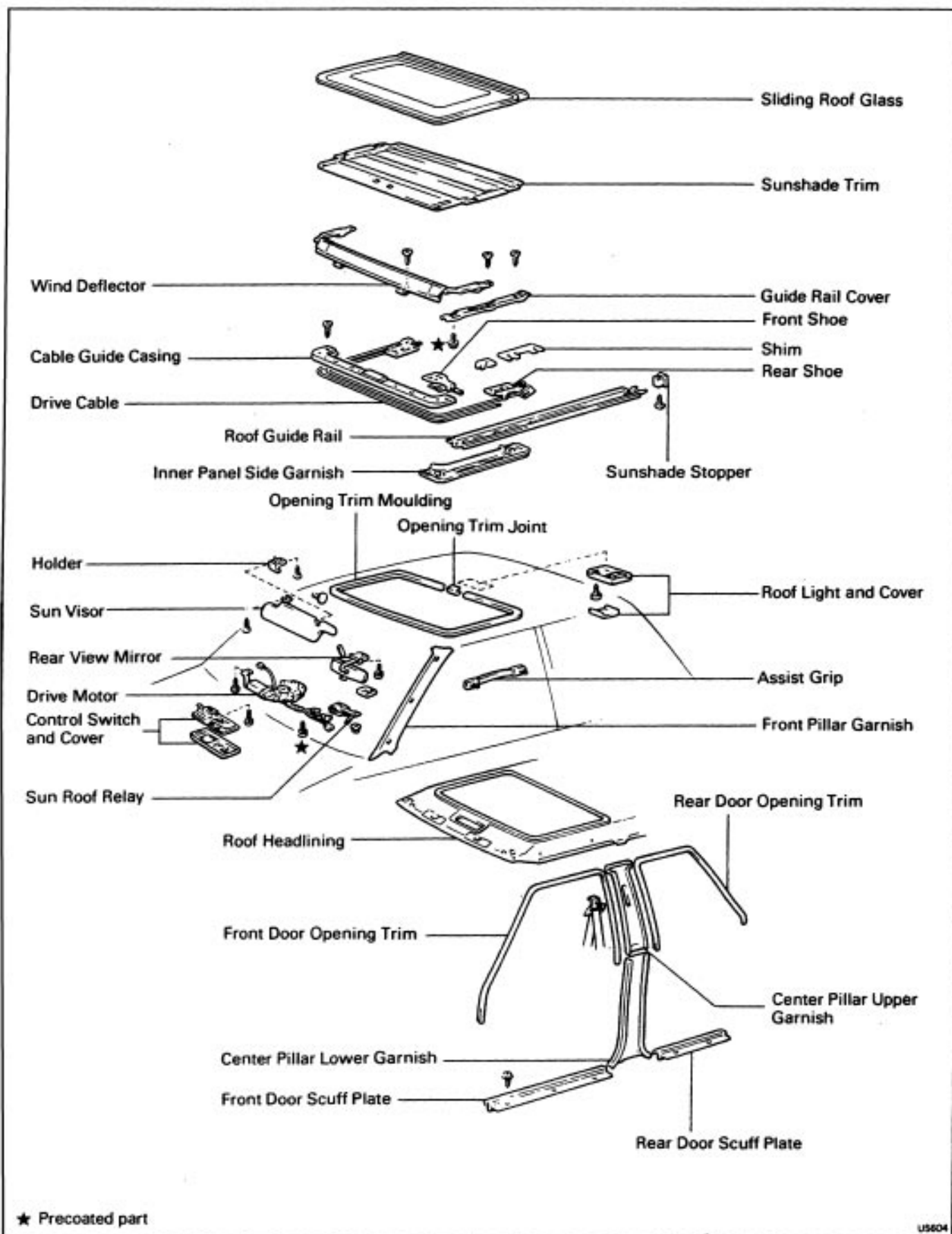
**2. COAT CONTACT SURFACE OF BODY WITH PRIMER "M"**(See page [BO-41](#))**3. COAT CONTACT SURFACE OF GLASS WITH PRIMER "G"**(See page [BO-41](#))**4. MIX ADHESIVE COATING**(See page [BO-41](#))**5. APPLY ADHESIVE**(See page [BO-41](#))**6. INSTALL GLASS**(See page [BO-42](#))**7. INSPECT FOR LEAKS AND REPAIR**(See page [BO-42](#))**8. INSTALL UPPER MOULDING**HINT: Install the upper moulding in the same manner as the windshield upper moulding. (See page [BO-26](#))**9. INSTALL LOWER MOULDING WITH CLIPS**(See page [BO-36](#))**10. INSTALL HIGH MOUNT STOP LIGHT**

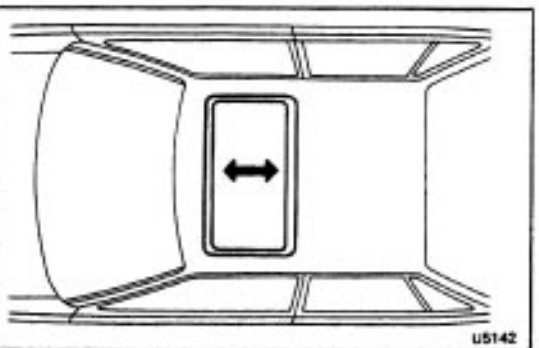
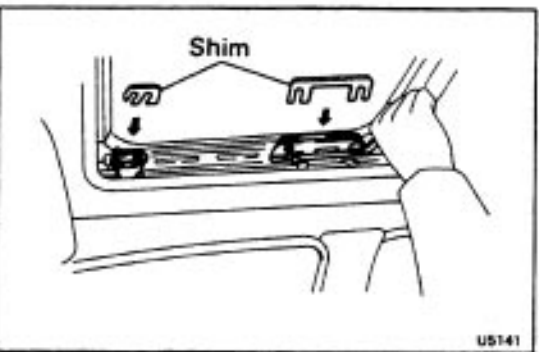
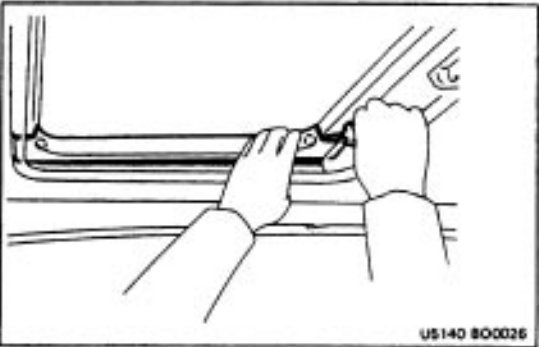
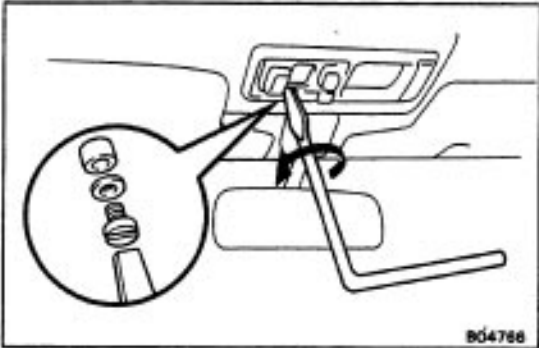
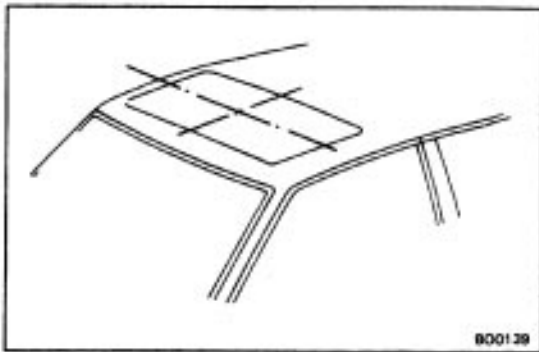
Install the high mount stop light with the two bolts.

(b) Connect the connector to the high mount stop light.

**11. INSTALL BACK DOOR UPPER TRIM****12. CONNECT DEFOGGER WIRE CONNECTORS****13. INSTALL REAR WIPER ARM**

# SUN ROOF COMPONENT





## ON-VEHICLE INSPECTION

### INSPECT SLIDING ROOF GLASS ALIGNMENT

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

**Operation time: Approx. 5 secs.**

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

**Front side: 1.9 + 2.0 mm (0.075 + 0.079 in.)**

**-1.0 -0.039**

**Rear side: 1.9 + 2.0 mm (0.075 + 0.079 in.)**

**-1.0 -0.039**

**If the sliding roof does not operate:**

- (a) Remove the control switch cover.
- (b) Using a special crank-shaped screwdriver, remove the large screw inside.

**NOTICE: Be careful not to lose the spring washer or shim.**

- (e) Manually operate the sun roof by inserting a special crank-shaped screwdriver into the hole and turning the drive shaft.

## ADJUSTMENT OF SLIDING ROOF

### 1. REMOVE INNER PANEL SIDE GARNISH

Before making adjustments, remove the inner panel side garnish.

**HINT:** After adjustment, reinstall the inner panel side garnish.

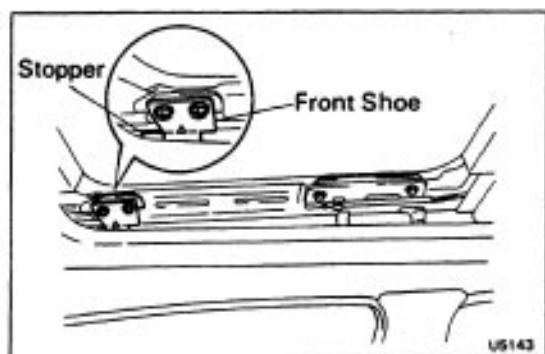
### 2. TO ADJUST LEVEL DIFFERENCE

Adjust by increasing or decreasing the number of shims.

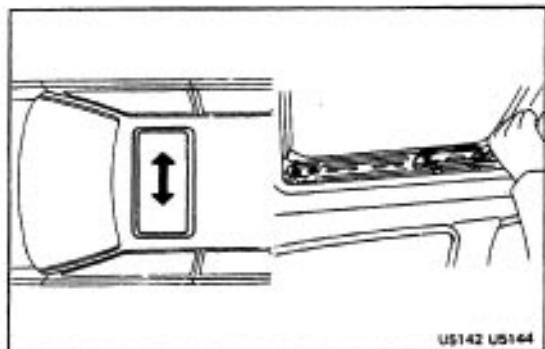
**HINT:** If the front of the sliding roof is high, even without a shoe shim, check to see if the front shoes are in contact with the stoppers.

### 3. TO ADJUST FORWARD OR REARWARD

Adjust by loosening the sliding roof installation bolts, and move the sliding roof front shoe forward and rearward.

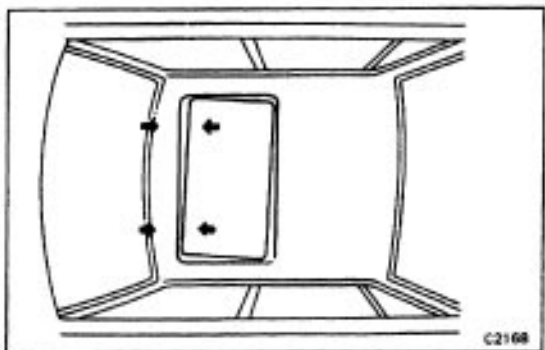


HINT: when the sliding roof is fully closed, confirm that the front shoes are in contact with the stopper.



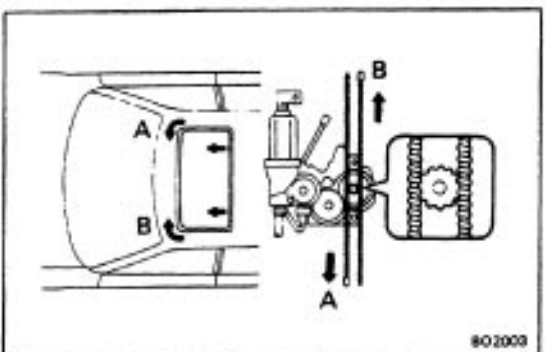
#### 4. TO ADJUST RIGHT OR LEFT

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



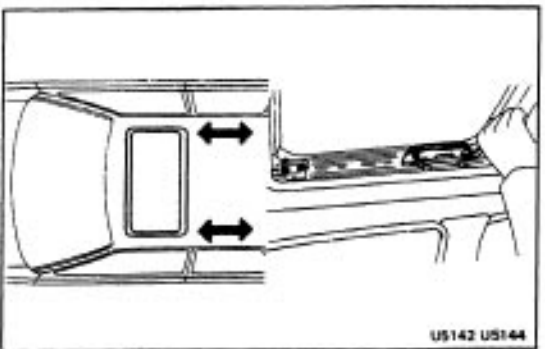
#### 5. TO ADJUST CLEARANCE

(Difference in left and right clearance)



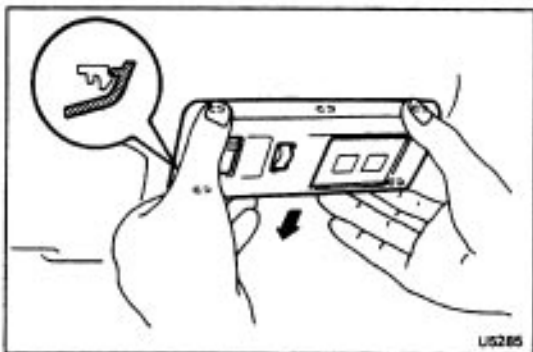
**If the difference is about 2 mm (0.08 in.):**

- Remove the drive motor and shift the cable one notch on the side with the larger clearance.
- Reinstall the motor.



**If the difference is about 1 mm (0.04 in.):**

Loosen the sliding roof rear shoe installation nuts and readjust the sliding roof to the proper position.



## REMOVAL OF SUN ROOF

(See page BO-53)

1. **DISCONNECT BATTERY CABLE FROM NEGATIVE TERMINAL**

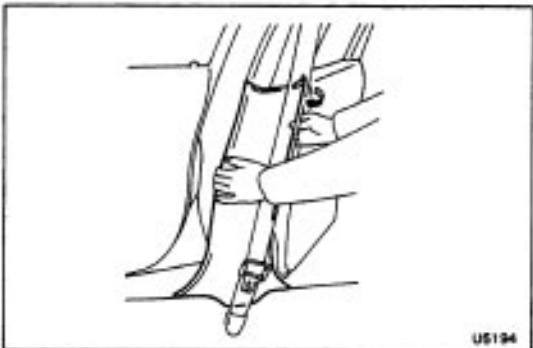
2. **REMOVE CONTROL SWITCH**

3. **REMOVE FOLLOWING PARTS:**

- Front pillar garnishr Assist grip
- Rear view mirror
- Sun visor and holder
- Opening trim moulding

4. **REMOVE CENTER PILLAR LOWER GARNISH**

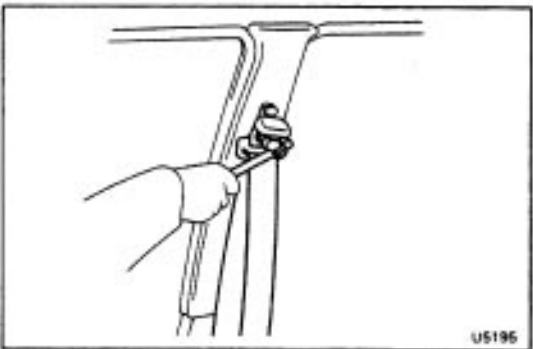
- (a) Remove the front and rear door opening trims.
- (b) Remove the front and rear scuff plates.
- (e) Pry out the clips and remove the center pillar lower garnish.



5. **REMOVE CENTER PILLAR UPPER GARNISH**

(a) (CANADA)

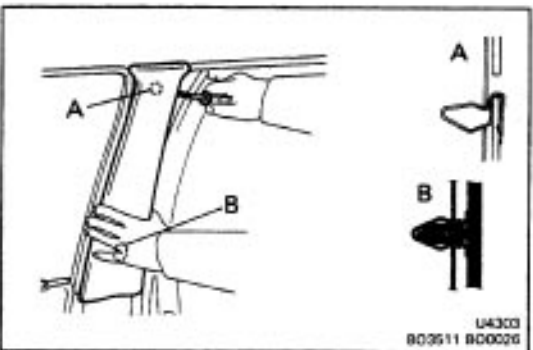
Remove the front shoulder belt anchor.



(b) Using a screwdriver, pry out the clips.

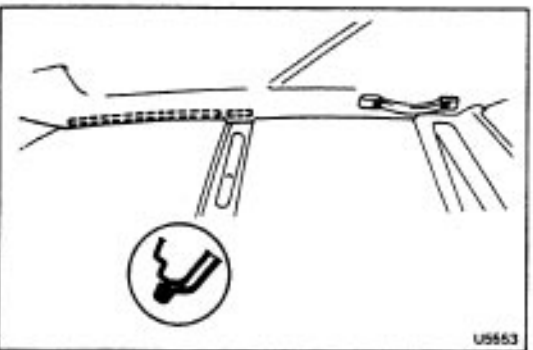
HINT: Tape the screwdriver tip before use.

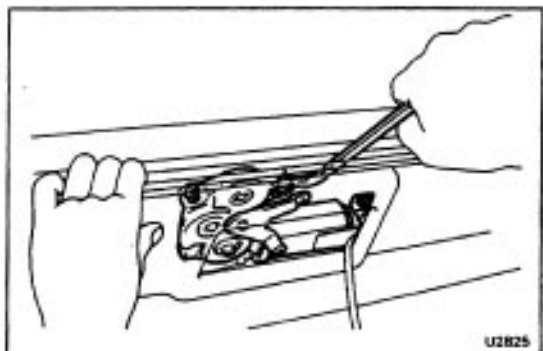
(c) Remove the center pillar upper garnish.



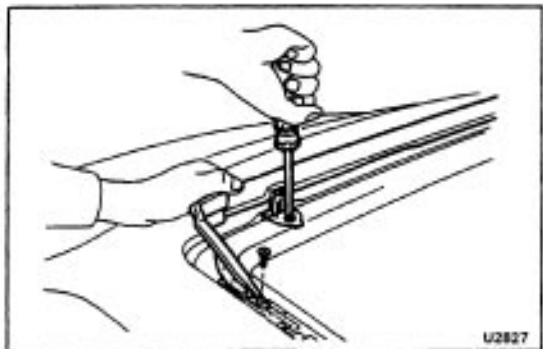
6. **REMOVE FRONT SIDE ROOF HEADLINING**

Tear off the roof headlining portion stuck with double-stick tape between front all center pillar.

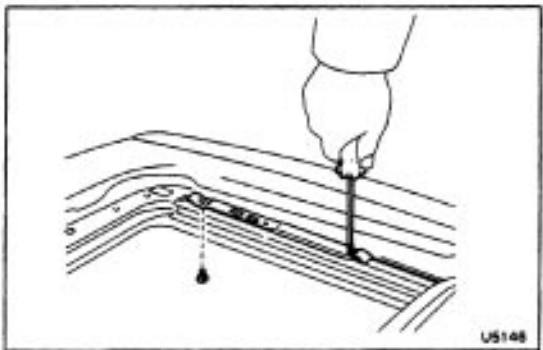


**7. REMOVE DRIVE MOTOR**

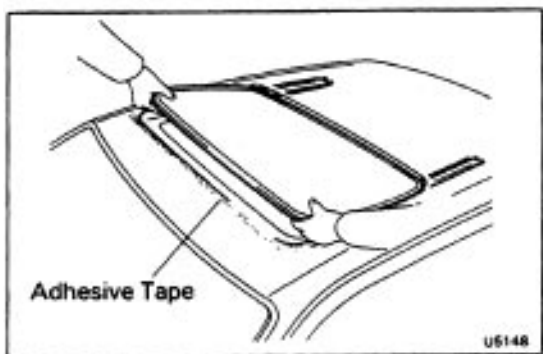
- (a) Disconnect the drive motor connector.
- (b) Remove the three bolts and drive motor.

**8. REMOVE WIND DEFLECTOR**

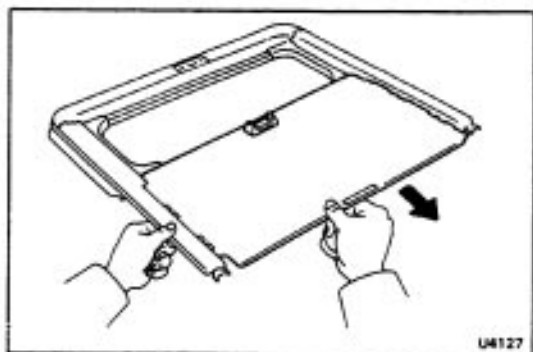
Remove the four screws and wind deflector.

**9. REMOVE GUIDE RAIL COVER**

- (a) Disconnect the front of roof headlining to make the clearance between the roof headlining and glass.  
HINT: Do not damage the roof headlining.
- (b) Remove the screw and guide rail cover.

**10. REMOVE SLIDING ROOF GLASS WITH GUIDE RAIL**

- (a) Apply adhesive tape to protect the body.
- (b) Remove the four screws and sliding roof.

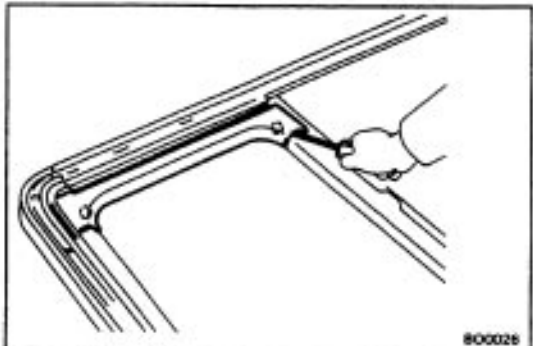


## DISASSEMBLY OF SUN ROOF

(See page [BO-53](#))

### 1. REMOVE SUNSHADE TRIM

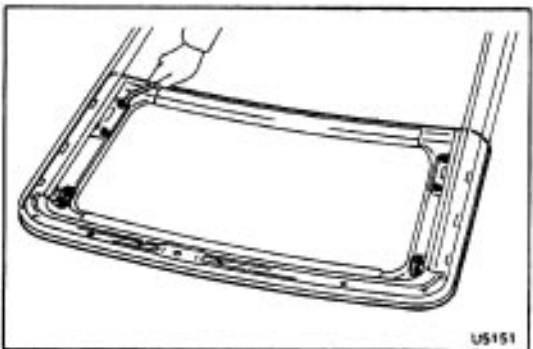
- Remove the screw and sunshade stopper.
- Pull the sunshade trim rearward to remove.



### 2. REMOVE INNER PANEL SIDE GARNISH

Using a screwdriver, remove the side garnish.

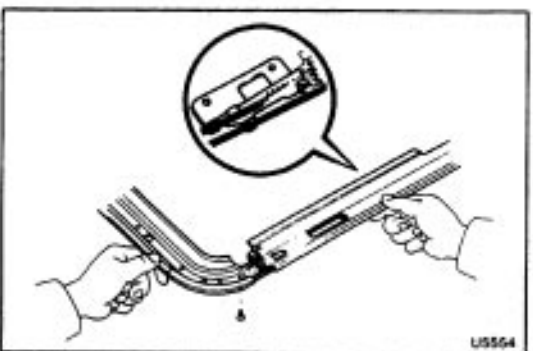
HINT: Tape the screwdriver tip before use.



### 3. REMOVE SLIDING ROOF GLASS

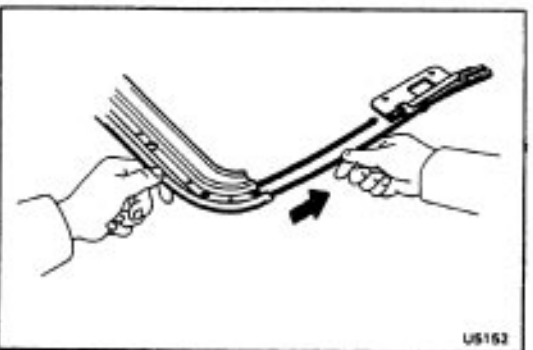
Remove the eight nuts and sliding roof glass with the front and rear shims.

HINT: Note the number of shims in the front and rear shoes.



### 4. REMOVE CABLE GUIDE CASING FROM ROOF GUIDE RAIL

- Remove the screw and weatherstrip.
- Pull the cable guide casing forward to remove.



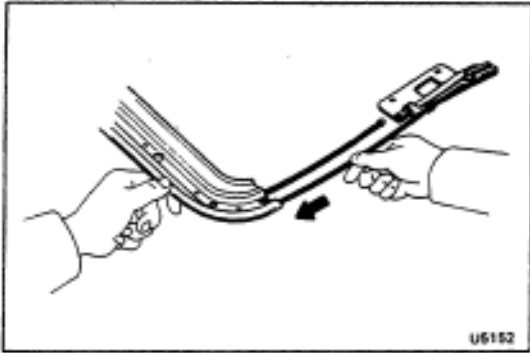
### 5. REMOVE DRIVE CABLE FROM CABLE GUIDE CASING

Pull the drive cable from the cable guide casing.

## ASSEMBLY OF SUN ROOF

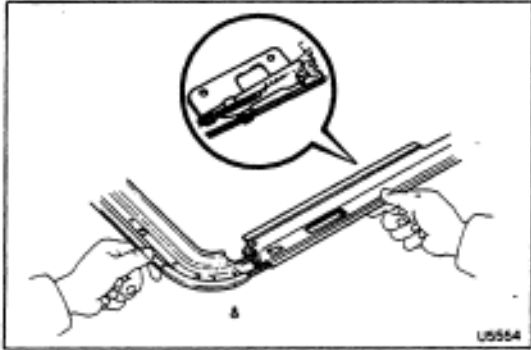
(See page [BO-53](#))

1. APPLY NIP GREASE TO DRIVE CABLE
2. PLACE DRIVE CABLES INTO CABLE GUIDE CASING

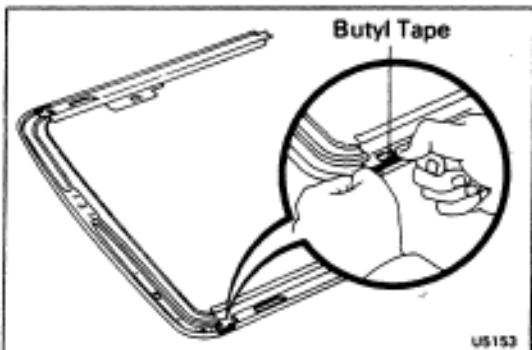


### 3. INSTALL CABLE GUIDE CASING TO ROOF GUIDE RAIL

- (a) Insert the drive cable into the rail, and align it with the guide casing.
- (b) Install the guide rail and guide casing with the screw.



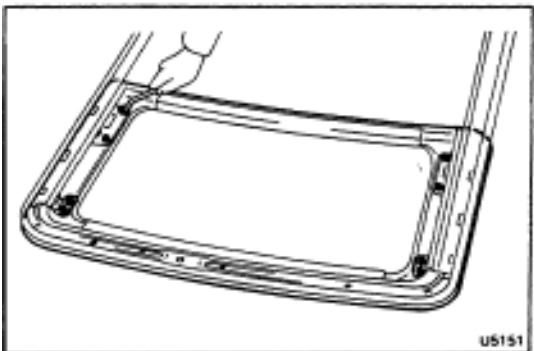
- (e) Use butyl tape to cover the cut portion of the weather-strip at the connection between the guide casing and guide rail.



### 4. ASSEMBLE SLIDING ROOF GLASS

Install the sliding roof glass, shims and shoes with the eight nuts.

HINT: Install the same number of shims that were disassembled.



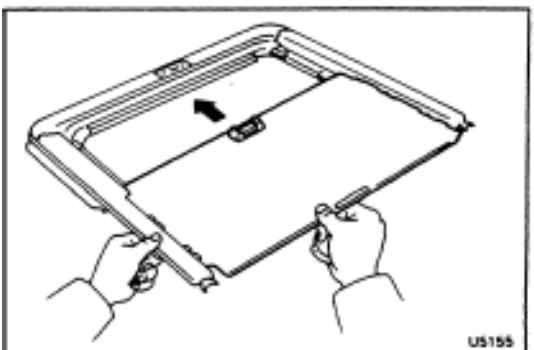
### 5. INSTALL SUNSHADE TRIM

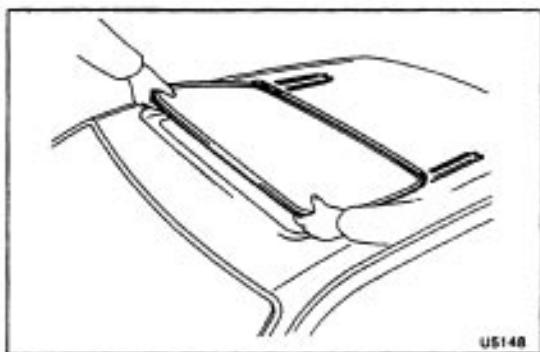
- (a) Run the sunshade trim through the guide rail.

HINT: Secure the headlining for adjustment after assembly.

- (b) Install the sunshade stopper with the screw.

### 6. INSTALL INNER PANEL SIDE GARNISH



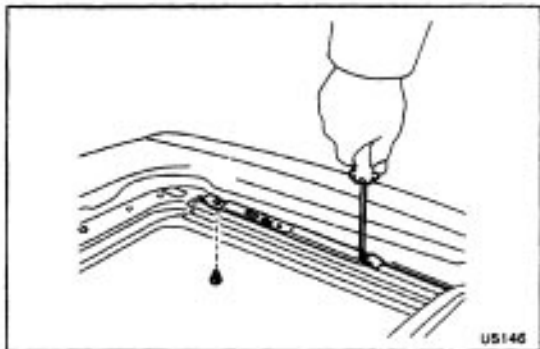


## INSTALLATION OF SUN ROOF

(See page BO-53)

### 1. INSTALL SLIDING ROOF GLASS WITH GUIDE RAIL ONTO ROOF

- Place the sliding roof glass with the guide rail onto the roof.
- Tighten the guide rail with the four screws.

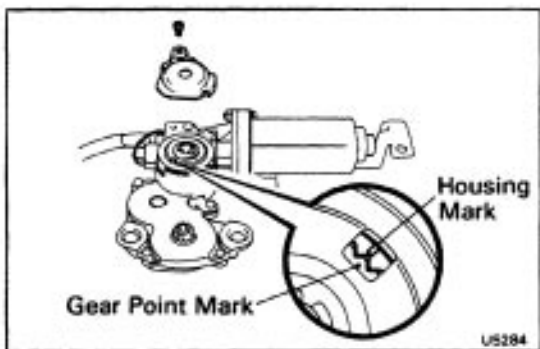


### 2. INSTALL GUIDE RAIL COVER

- Apply liquid sealer to 2 or 3 threads of the bolt end.  
**Sealant: Part No. 08833-00070, THREE BOND 1324, or equivalent**
- Install the rail cover with the screw.

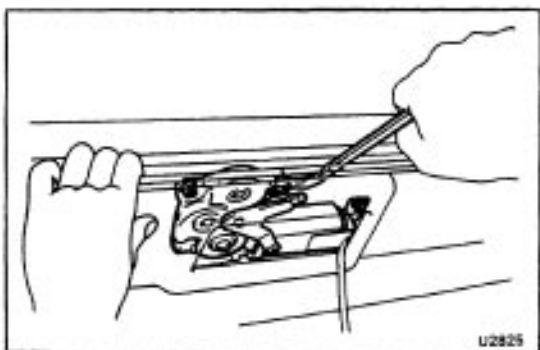
HINT: Do not damage the roof headlining.

### 3. INSTALL WIND DEFLECTOR



### 4. INSTALL SLIDING ROOF DRIVE MOTOR

- Remove the screw and cam plate cover.
- Align the housing and gear point mark.
- Install the cam plate cover and screw.

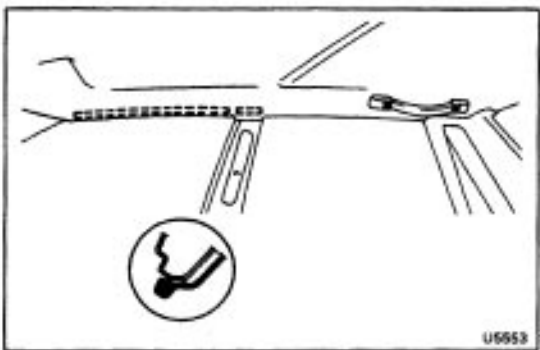


- Close the sliding roof panel by hand so the clearance between the left and right sides of the sliding roof panel and roof panel are equal.

- Contact the front shoes with the stopper, install it.
- Apply liquid sealer to 2 or 3 threads of the bolt end.

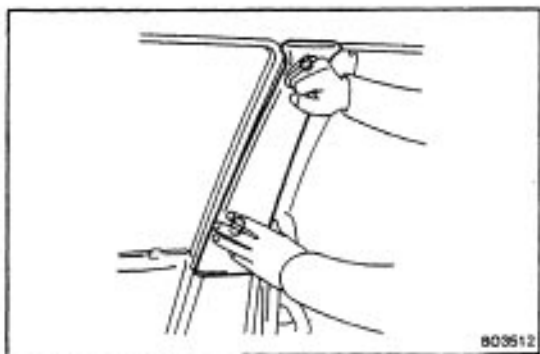
**Sealant: Part No. 08833-Q0070, THREE BOND 1324, or equivalent**

- Install the drive motor with the three bolts.
- Connect the drive motor connector.



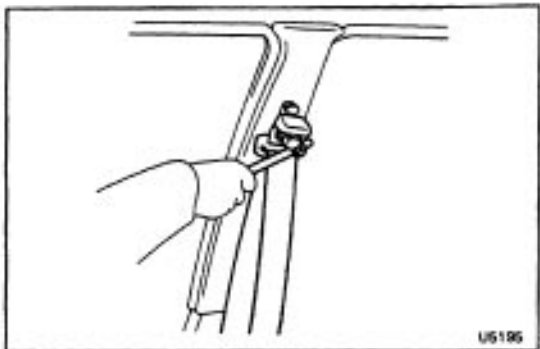
### 5. INSTALL FRONT SIDE ROOF HEADLINING

- Stick the double-stick tape between front and rear pillar as shown.
- Install the roof headlining to the roof panel.



## 6. INSTALL CENTER PILLAR UPPER GARNISH

- (a) Install the center pillar upper garnish  $\checkmark$  tapping.



- (b) (CANADA)

Install the shoulder belt anchor with the bolt.

Torque: 440 kg-cm (32 ft-lb, 43 N-m)

## 7. INSTALL CENTER PILLAR LOWER GARNISH

## 8. INSTALL SCUFF PLATE

## 9. INSTALL FOLLOWING PARTS:

- Front pillar garnish
- Rear view mirror
- Sun visor and holder
- Assist grip
- Opening trim moulding

## 10. INSTALL CONTROL SWITCH

## 11. INSPECT AND ADJUST SLIDING ROOF

(See pages [BO-54](#) and 55)

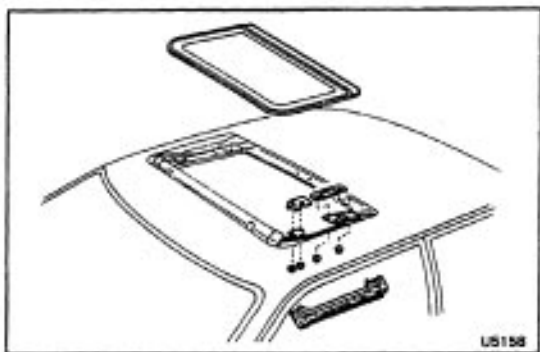
## 12. CONNECT BATTERY CABLE TO NEGATIVE TERMINAL

# REMOVAL OF SLIDING ROOF GLASS

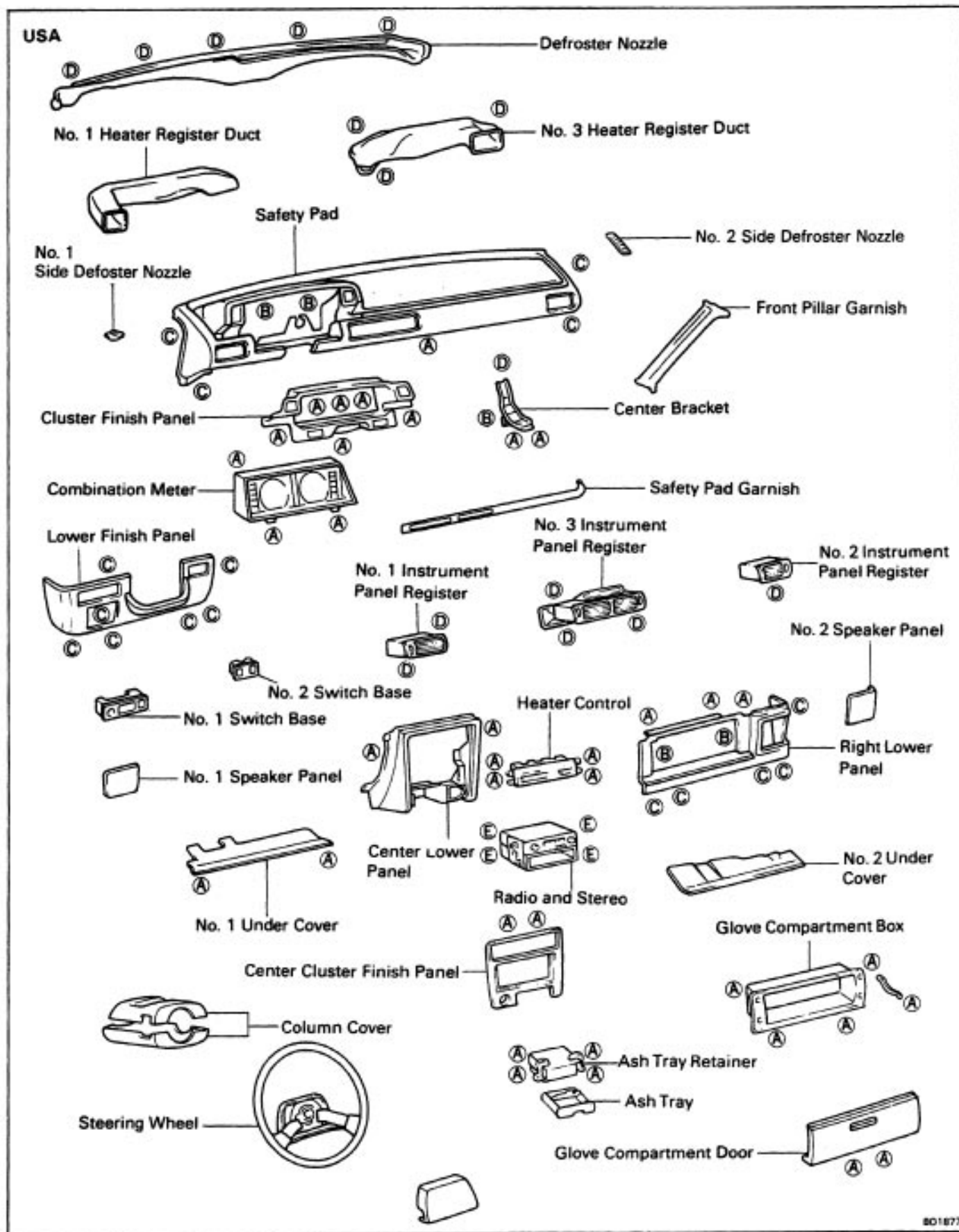
(See page [BO-53](#))

## TO REMOVE ONLY SLIDING ROOF GLASS

- (a) Slide the sunshade trim rearward.
- (b) Remove the inner panel side garnish.
- (e) Remove the front and rear shoe nuts.
- (d) Remove the roof glass.

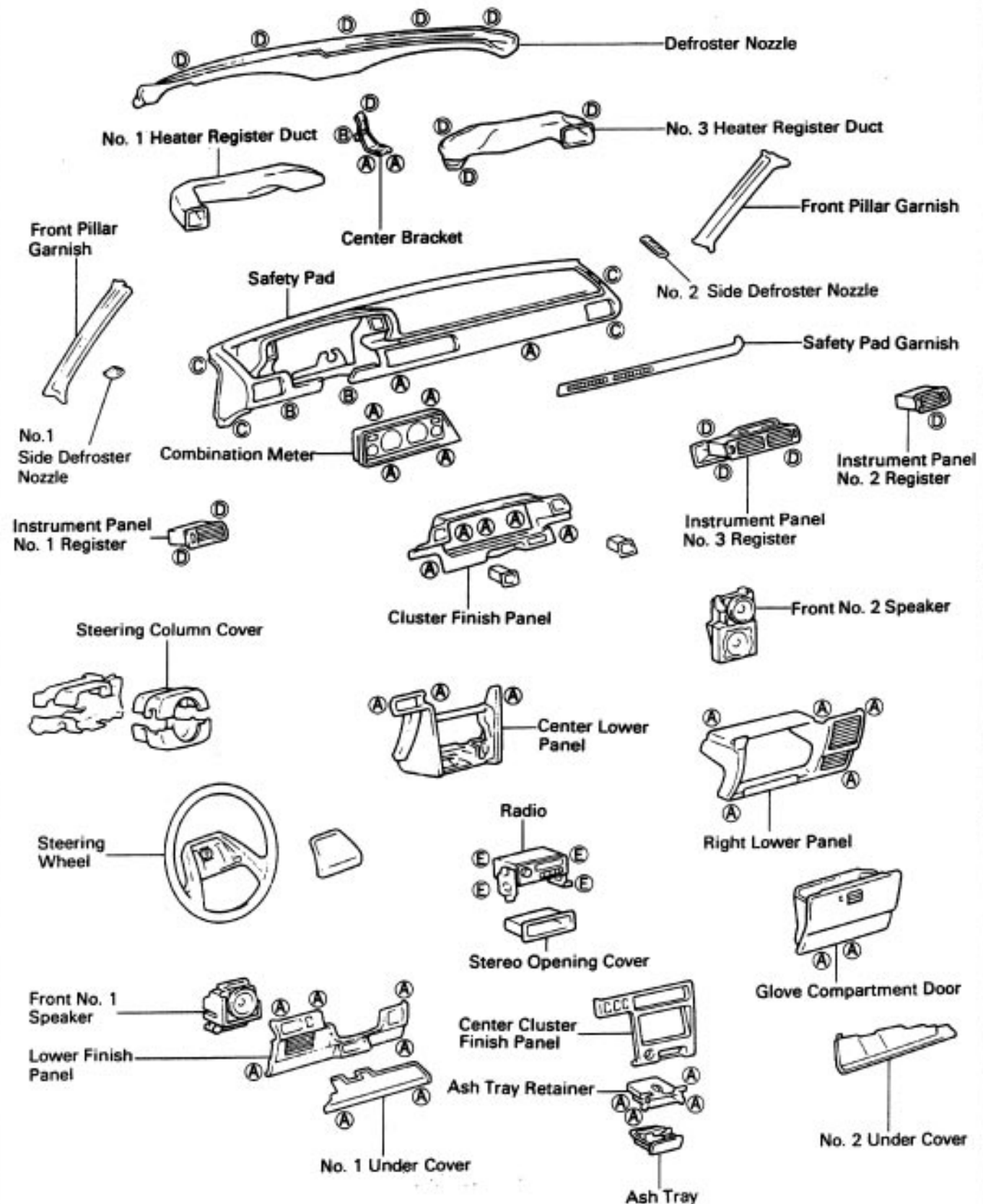


# SAFETY PAD COMPONENTS








## COMPONENTS (Cont'd)

CANADA



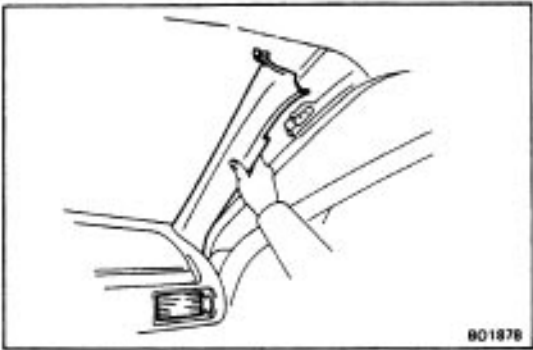
HINT: Screw sizes in the previous illustration are indicated by following the code below for removal and installation of safety pad.

mm (in.)								
Code	Shape	Size	Code	Shape	Size	Code	Shape	Size
A		$\phi = 5.2 (0.21)$ L = 16 (0.63)	B		$\phi = 6 (0.24)$ L = 20 (0.79)	C		$\phi = 5 (0.20)$ L = 18 (0.71)
D		$\phi = 5 (0.20)$ L = 14 (0.55)	E		$\phi = 5 (0.20)$ L = 18 (0.71)			

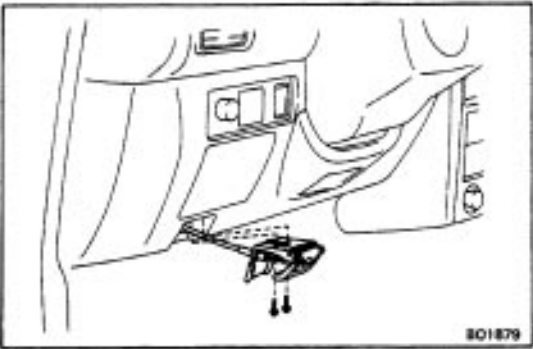
REMOVAL OF SAFETY PAD

(See pages BO-62, 63)

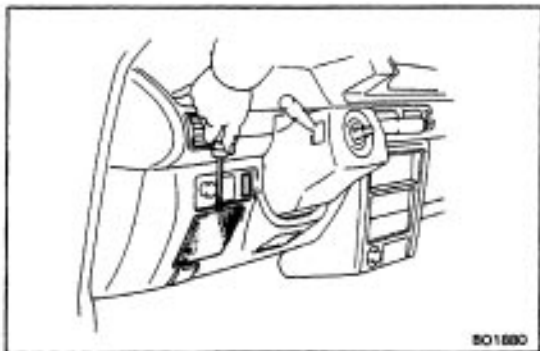
- 1. DISCONNECT BATTERY CABLE FROM NEGATIVE TERMINAL
- 2. REMOVE STEERING WHEEL



- 3. REMOVE FRONT PILLAR GARNISH  
Pry out the clips and pull the front pillar garnish upward to remove it by the hand.
- 4. REMOVE NO. 1 UNDER COVER



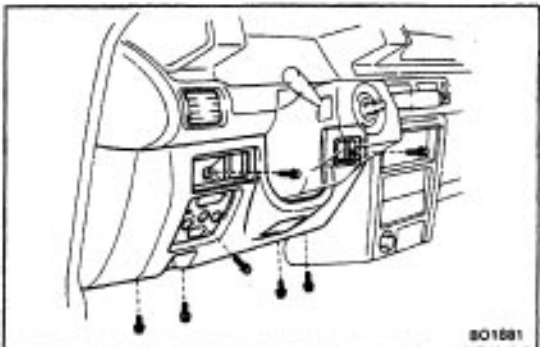
- 5. REMOVE LOWER FINISH PANEL  
(a) Remove the two screws and the engine. hood release lever.



(b) (USA)

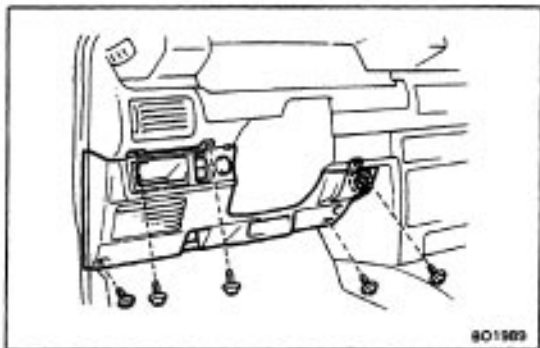
Using a screwdriver, pry out the switch bases and the No. 1 speaker panel.

HINT: Tape the screwdriver tip before use.



(c) (USA)

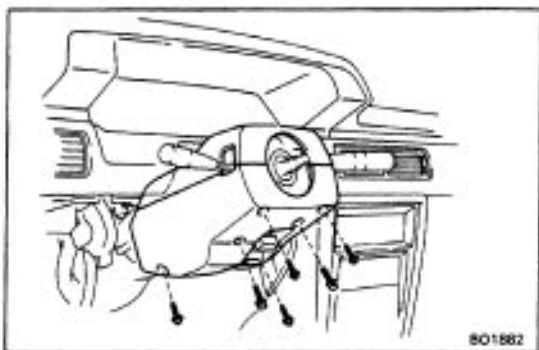
Remove the seven bolts and lower finish panel.



(d) (CANADA)

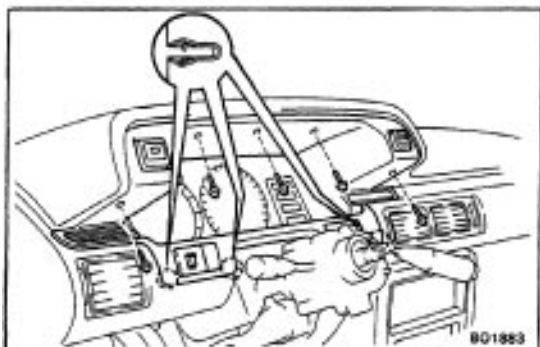
Remove the five screws and lower finish panel.

(e) Disconnect the connectors.



## 6. REMOVE STEERING COLUMN COVER

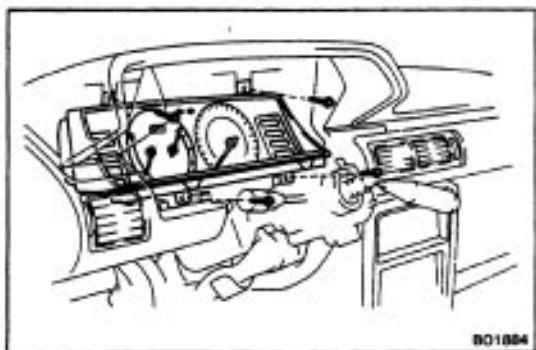
Remove the four screws, the two bolts, and the cover.



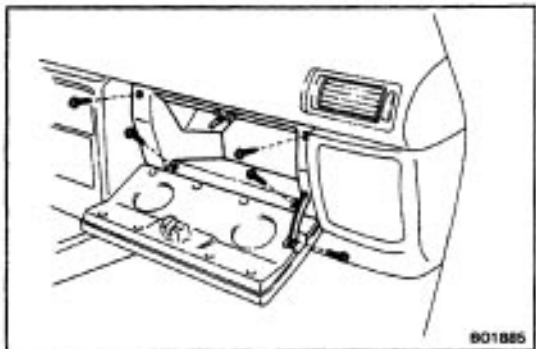
## 7. REMOVE CLUSTER FINISH PANEL

(a) Remove the five screws and the panel.

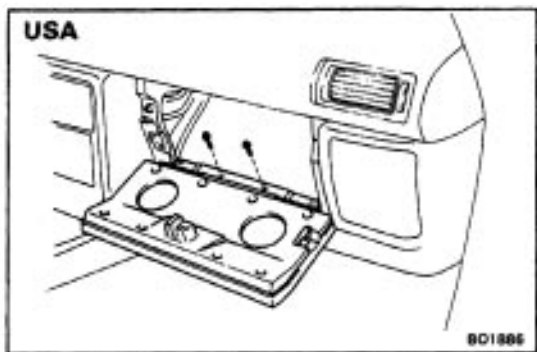
(b) Disconnect the connectors.

**8. REMOVE COMBINATION METER**

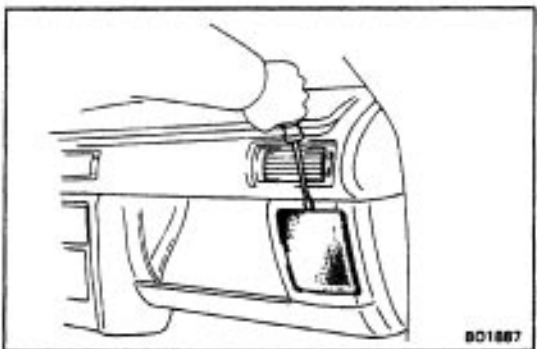
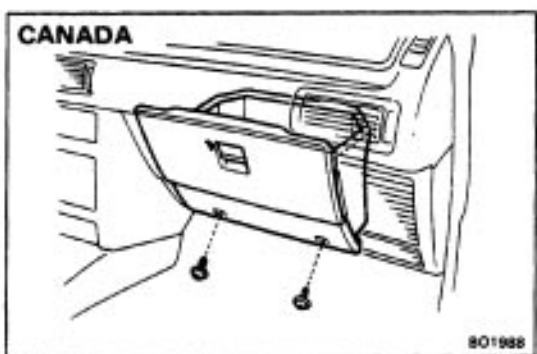
- (a) Remove the four screws.
- (b) Remove the speedometer cable, connectors and the meter.

**9. REMOVE NO.2 UNDER COVER****10. (USA)****REMOVE GLOVE COMPARTMENT BOX**

- (a) Remove the screw and pull out the check arm.
- (b) Remove the four screws, the connector, and pull out the box.

**11. REMOVE GLOVE COMPARTMENT DOOR**

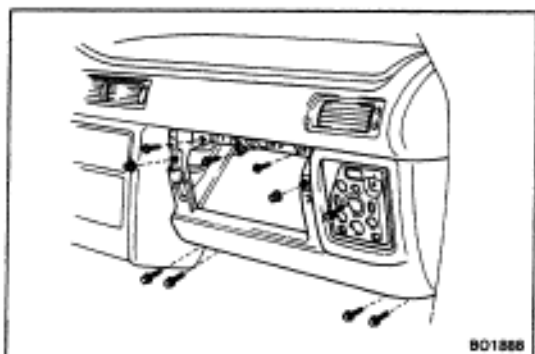
Remove the two screws and the door.

**12. REMOVE RIGHT LOWER PANEL**

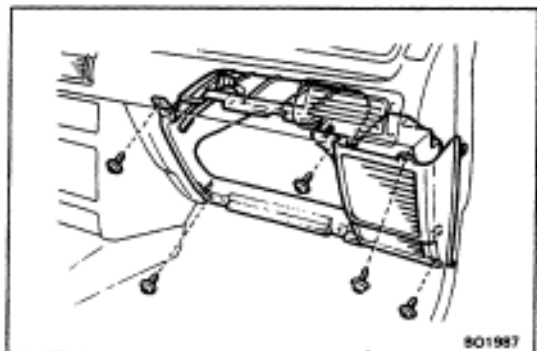
- (a) (USA)

Using a screwdriver, pry out the No. 2 speaker panel.

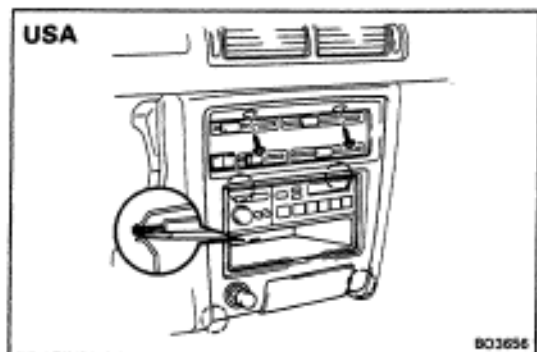
HINT: Tape the screwdriver tip before use.



- (b) (USA)  
Remove the five bolts, the three screws and the two nuts.

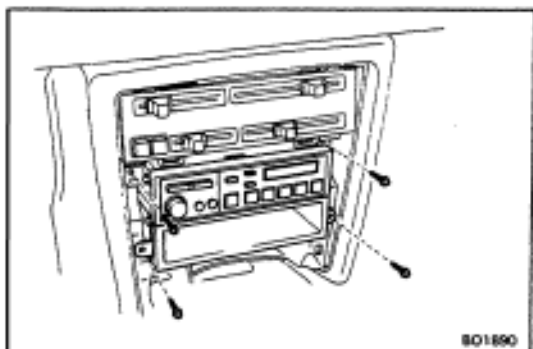
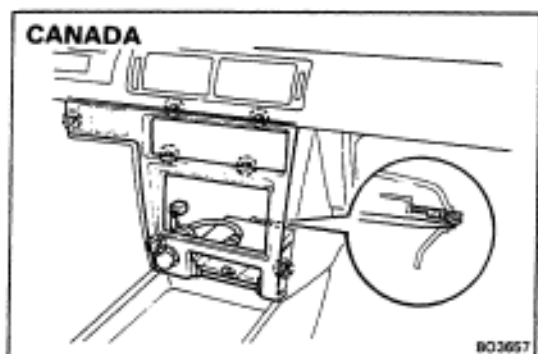


- (e) (CANADA)  
Remove the five screws.  
(d) Remove the panel and disconnect the speaker connector.



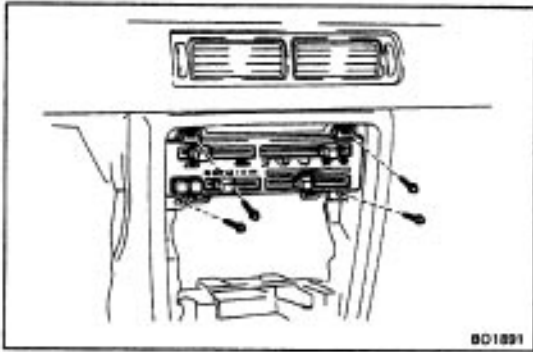
### 13. REMOVE CENTER CLUSTER FINISH PANEL

- (a) (USA)  
Remove the two screws.  
(b) Remove the ash tray.  
(c) Using a screwdriver, release the white plastic clip at the rear of the ash receptacle retainer.  
HINT: Tape the screwdriver tip before use.  
(d) Pull out the center cluster finish panel.

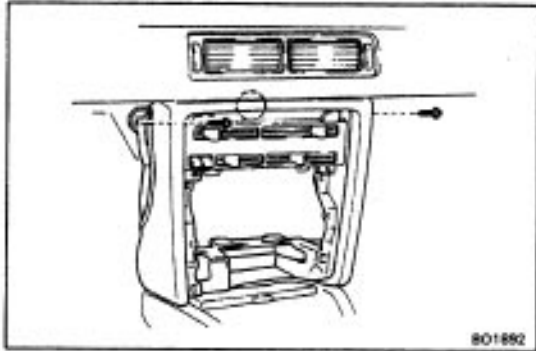


### 14. REMOVE RADIO AND STEREO

- (a) Remove the four screws, radio and stereo.  
(b) Disconnect the connectors and the antenna cable.

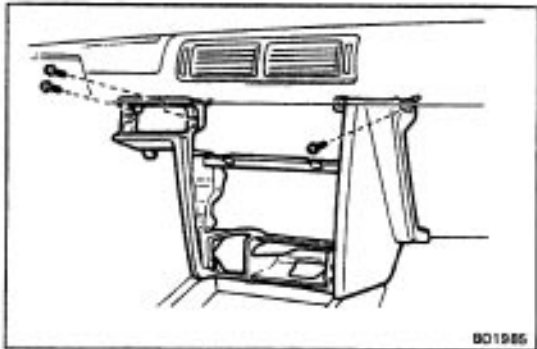
**15. REMOVE NEATER CONTROL**

Remove the four screws and the heater control.

**16. REMOVE CENTER LOWER PANEL**

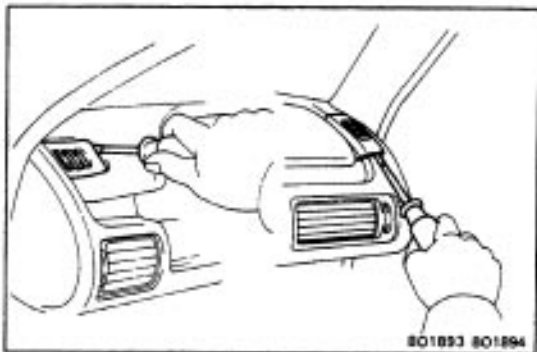
(a) (USA)

Remove the two screws and pull out the panel.

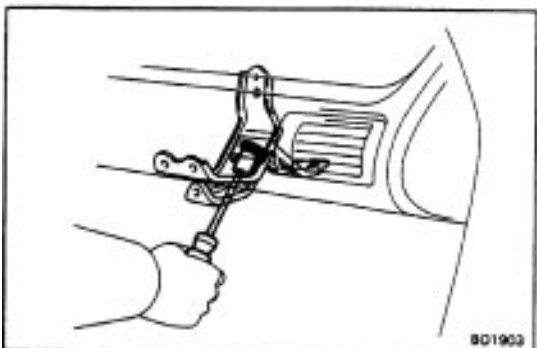


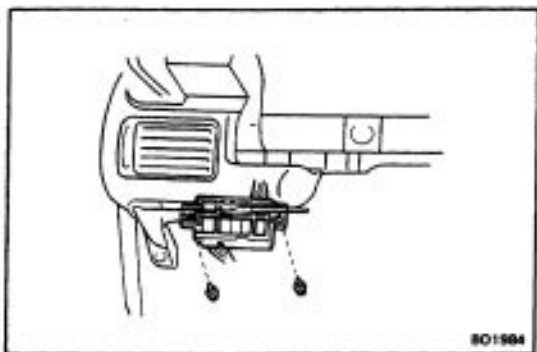
(b) (CANADA)

Remove the three screws and panel.

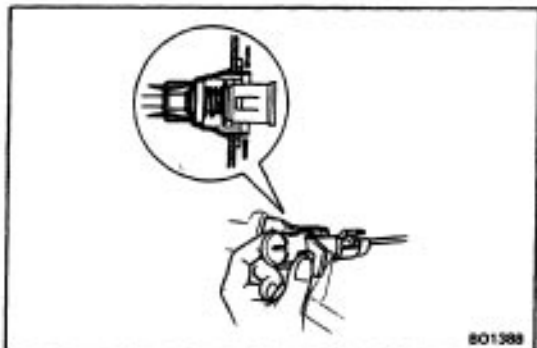
**17. REMOVE SIDE DEFROSTER NOZZLE**

HINT: Tape the screwdriver tip before use.

**18. REMOVE NUT CONNECTING CENTER BRACKET AND SAFETY PAD**

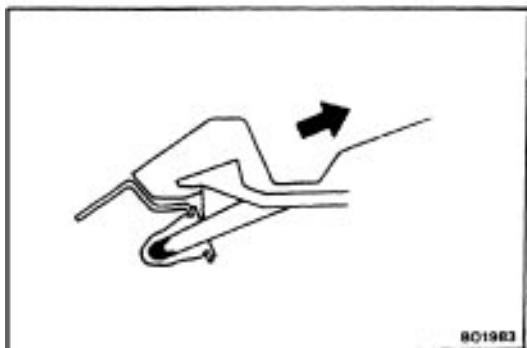
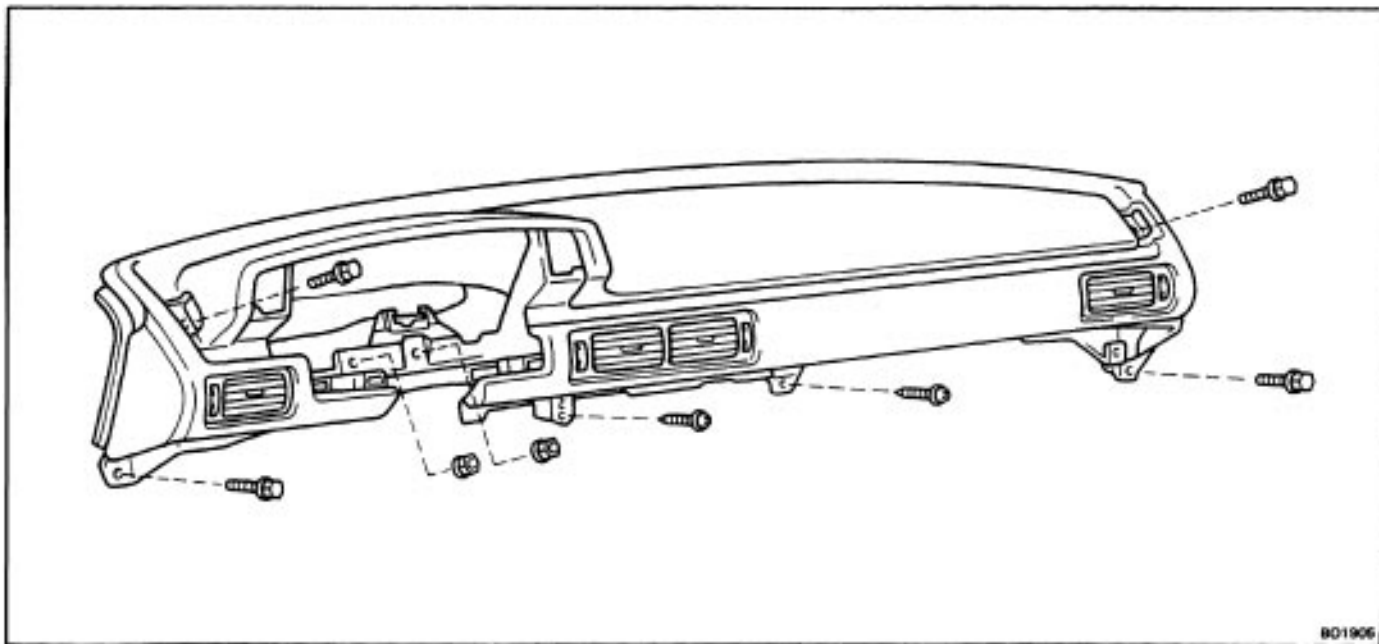
**19. REMOVE JUNCTION BLOCK NO.3**

- (a) Remove the speaker.
- (b) Remove the two screws and junction block No.3.

**20. REMOVE SAFETY PAD**

- (a) Push on the pawls of speedometer cable, bracket and pull it from the safety pad.

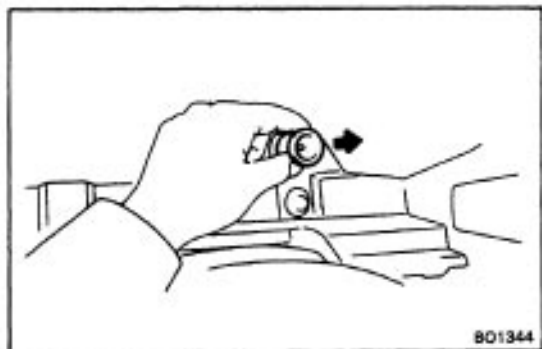
- (b) Remove the four bolts, two screws, two nuts and the safety pad.



HINT: The safety pad has a boss on the reverse side for clamping onto the clip on the body side. Therefore, when removing, pull, upward at an angle.

- (e) Remove the clips and disconnect the wire harness from the safety pad.

21. **REMOVE NO.1 HEATER REGISTER DUCT**  
Pry out the clip and remove the duct.
22. **REMOVE NO.3 HEATER REGISTER DUCT**  
Remove the three screws and duct.
23. **REMOVE DEFROSTER NOZZLE**  
Remove the five screws and nozzle.
24. **REMOVE NO.1 INSTRUMENT PANEL REGISTER**  
Remove the two screws and register.
25. **REMOVE NO.3 INSTRUMENT PANEL REGISTER**  
Remove the three screws and register.
26. **REMOVE NO.2 INSTRUMENT PANEL REGISTER**  
Remove the screws and register.
27. **REMOVE SAFETY PAD GARNISH**



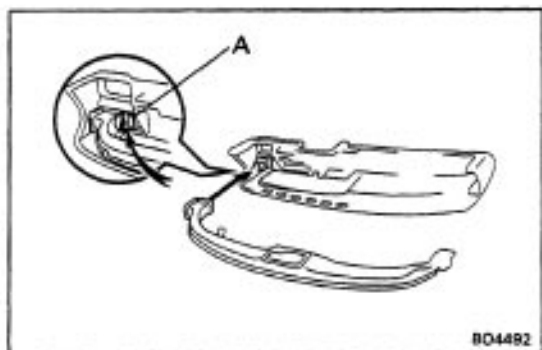
## INSTALLATION OF SAFETY PAD

(See pages [BO-62](#), 63)

**INSTALL SAFETY PAD PARTS FOLLOWING REMOVAL SEQUENCE IN REVERSE**

HINT:

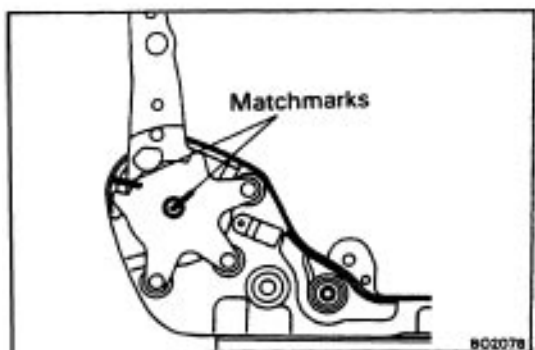
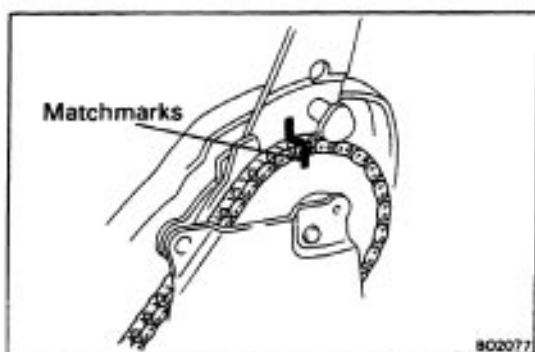
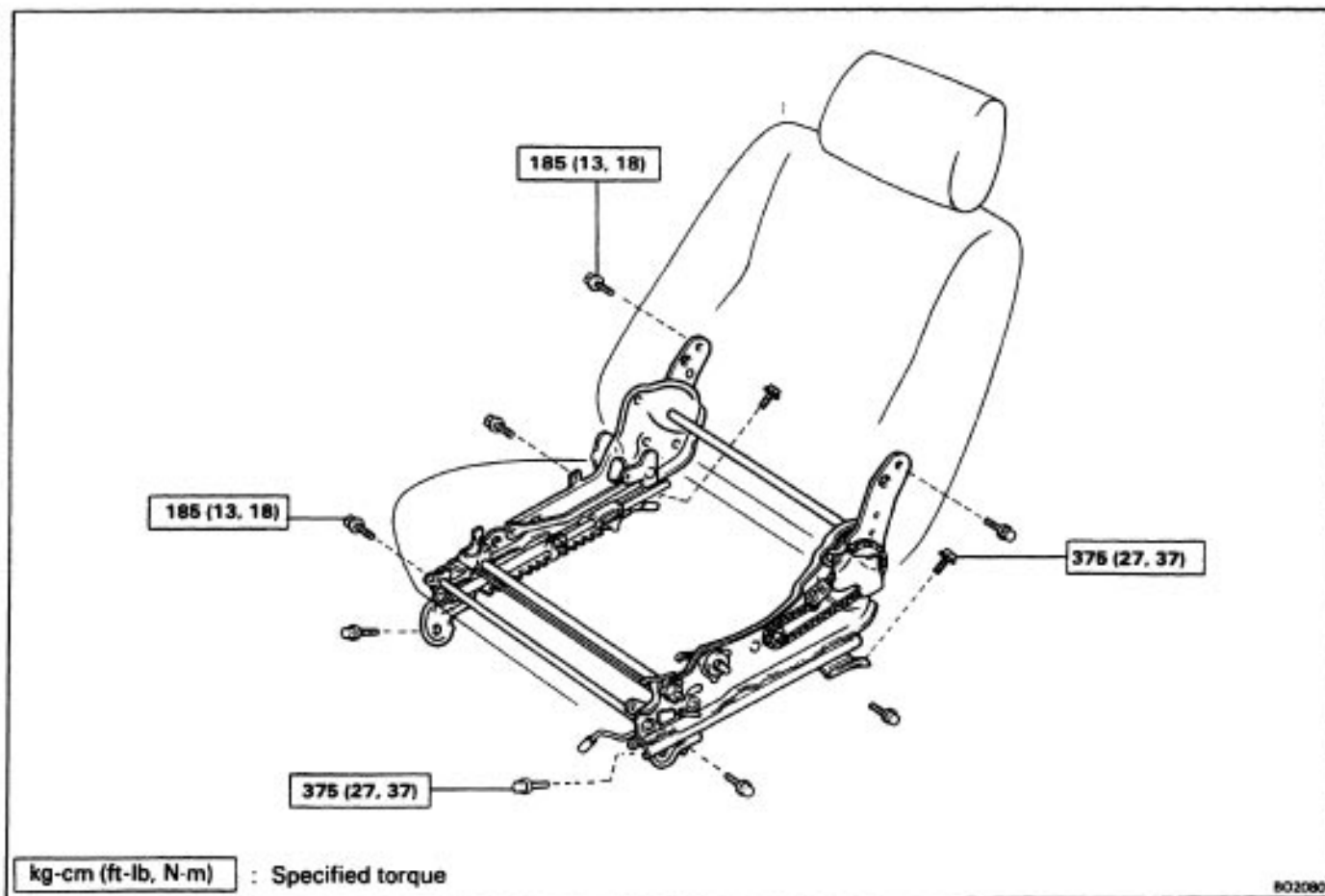
- When reinstall the speedometer cable, first pull on the cable guide casing.
- Insert the flange of def-nozzle between the rib (A) and the safety pad.



# SEAT

## Front Seat

### COMPONENTS



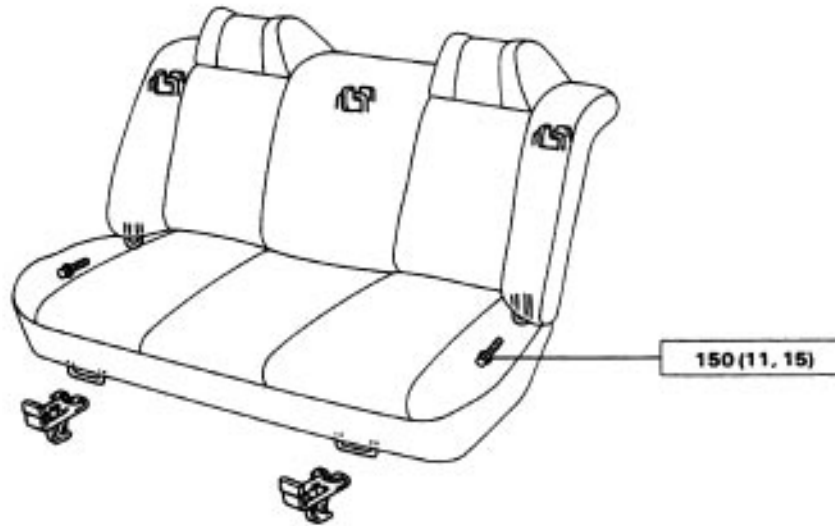
## ASSEMBLY OF FRONT SEAT

**PRECAUTION:** Pay attention items below when installing the front seat.

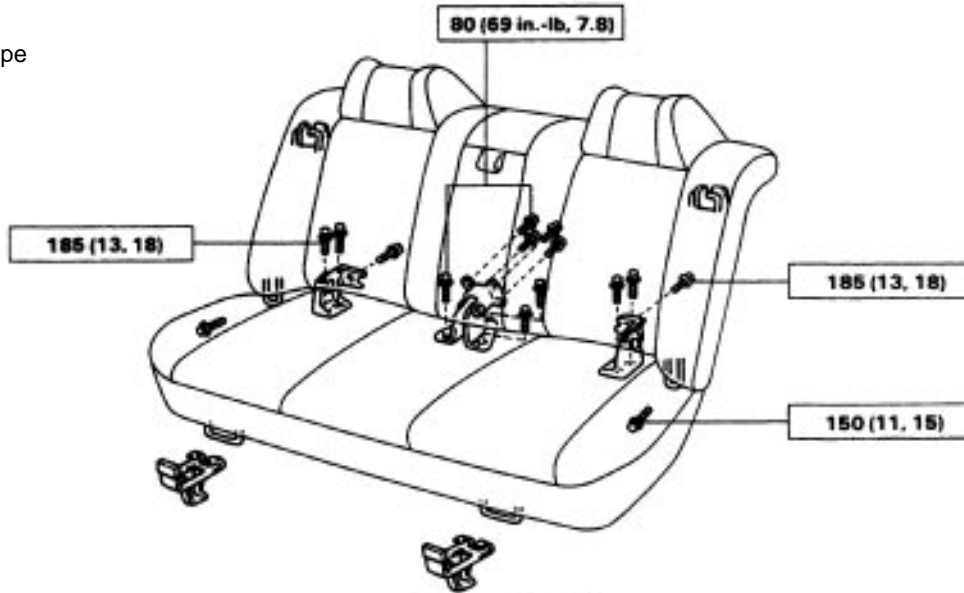
- To prevent warpage of the seat adjuster, carry out this operation on a level surface.
- Align the matchmark of the seat adjuster outer by turning the adjuster knob.
- Align the matchmarks of the seat adjuster inner by turning the hinge pin.
- After assemble the front seat, check that the seat adjuster operates normal by turning the adjuster knob. If operation is not normal, reassemble the seat adjuster.

## Rear Seat COMPONENTS

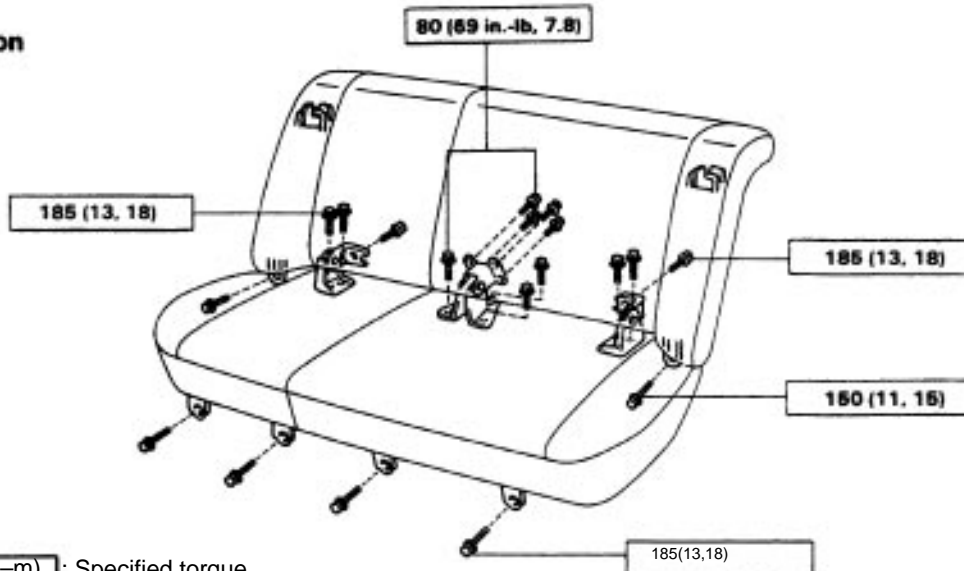
Sedan  
Fixed type



Separate type



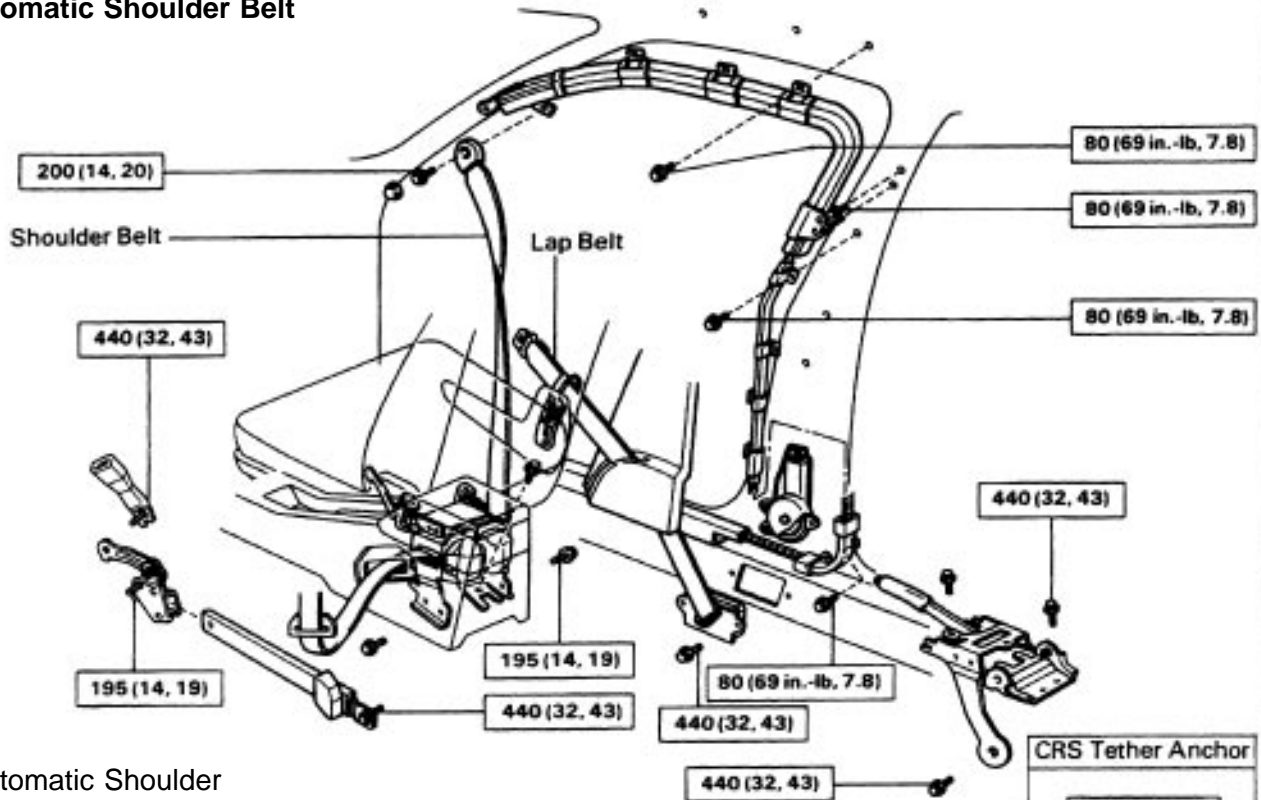
Station Wagon



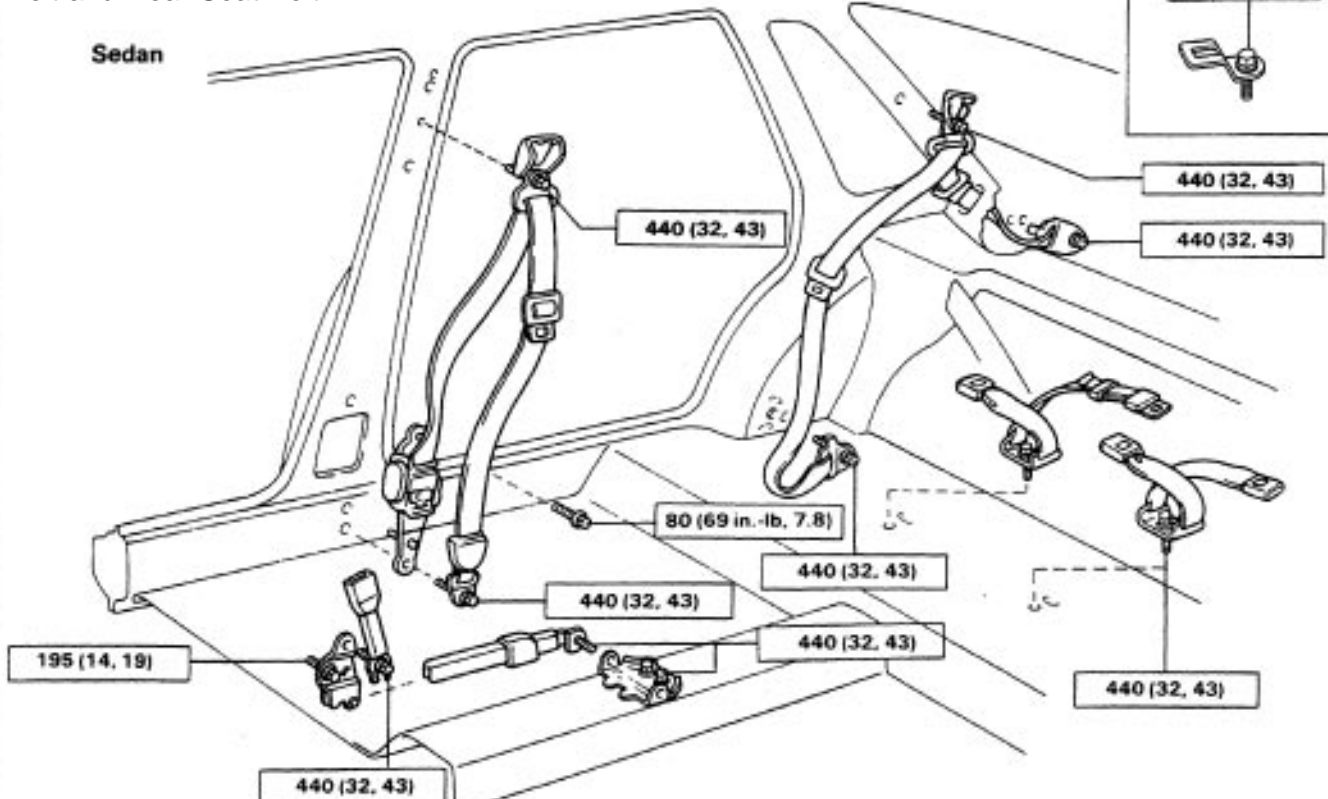
kg-cm (ft-lb, N-m) : Specified torque

# SEAT BELT COMPONENTS

w/ Automatic Shoulder Belt



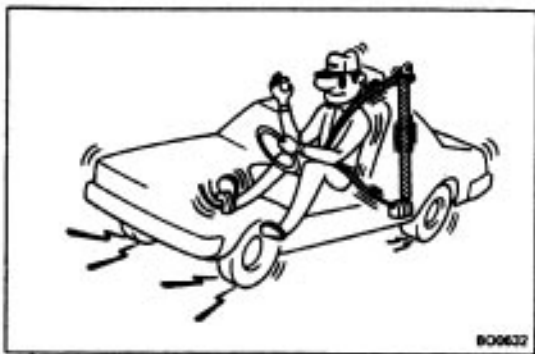
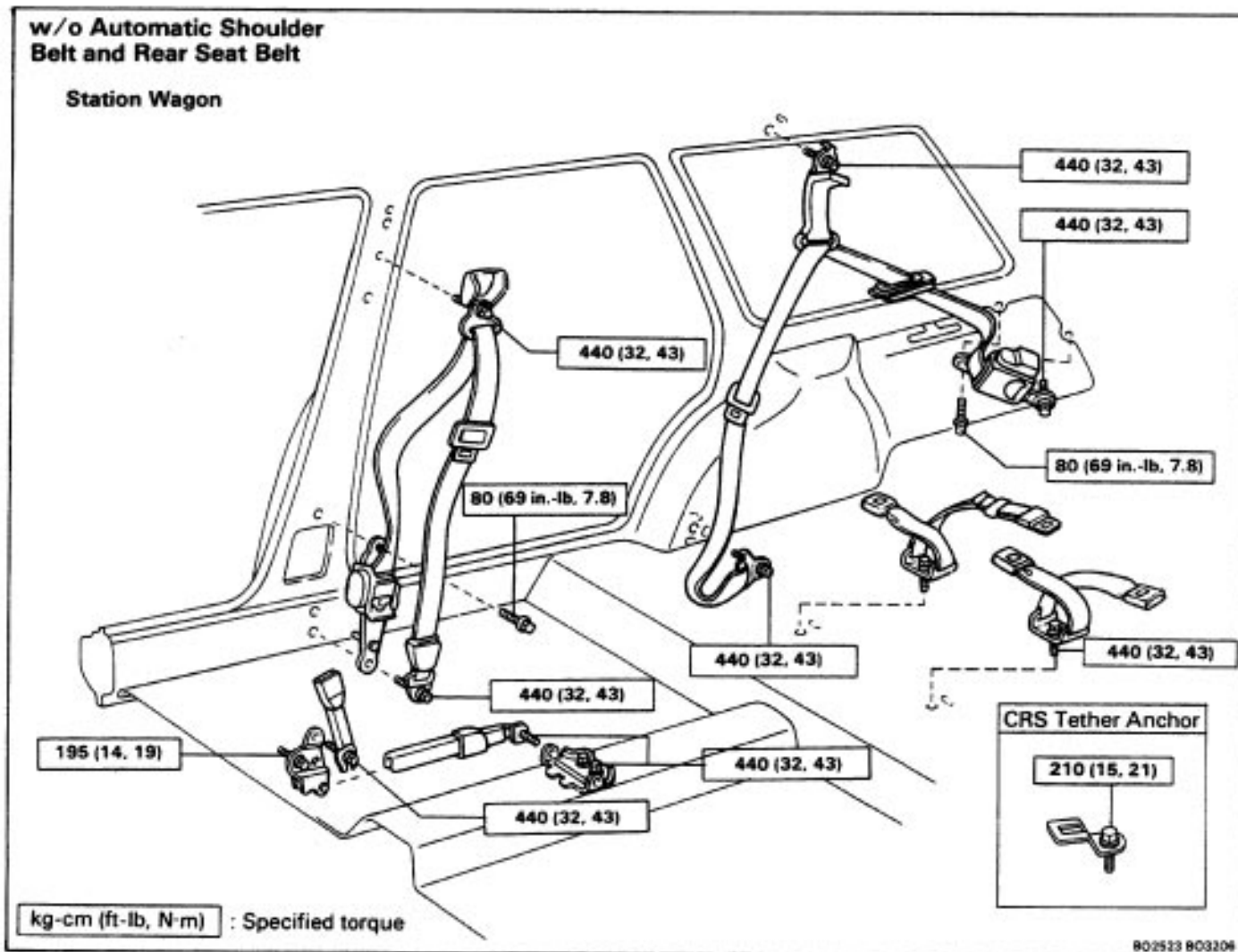
w/o Automatic Shoulder Belt and Rear Seat Belt



kg-cm (ft-lb, N·m) : Specified torque

902109  
903206  
902522

## COMPONENTS (Cont'd)



### FRONT AND REAR SEAT BELT

#### [Emergency Locking Retractor (ELR) Type]

##### 1. RUNNING TEST (IN SAFE AREA)

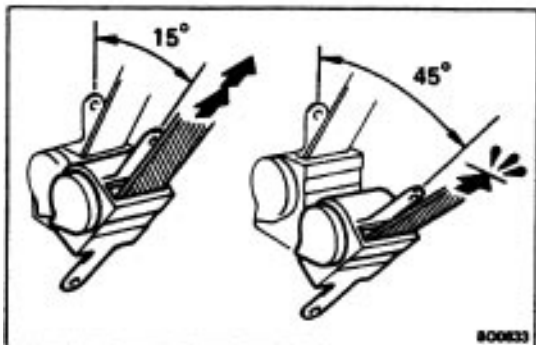
- Fasten the front seat belt.
- Drive the car at 10 mph (16km/h) and make a very hard stop.
- Check that the belt is locked and cannot be extended at this time.

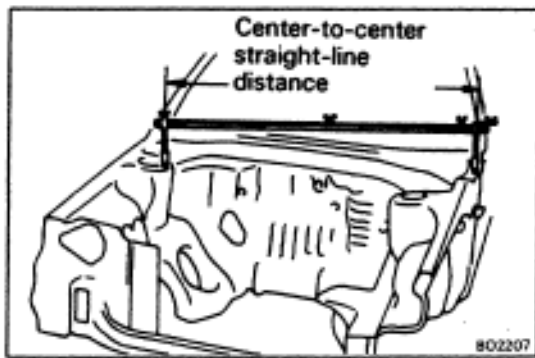
HINT: Conduct this test in a safe area. If the belt does not lock, remove the belt mechanism assembly and conduct the following static check. Also, whenever installing a new belt assembly, verify proper operation before installation.

##### 2. STATIC TEST

- Remove the locking retractor assembly.
- Tilt the retractor slowly.
- 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.



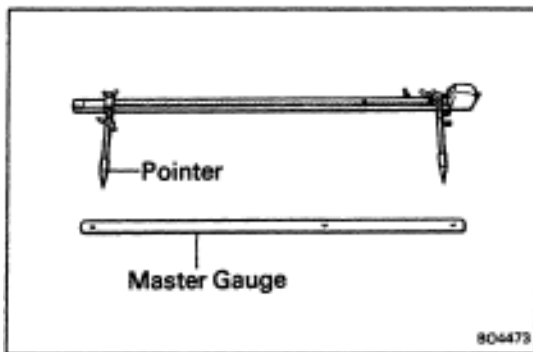
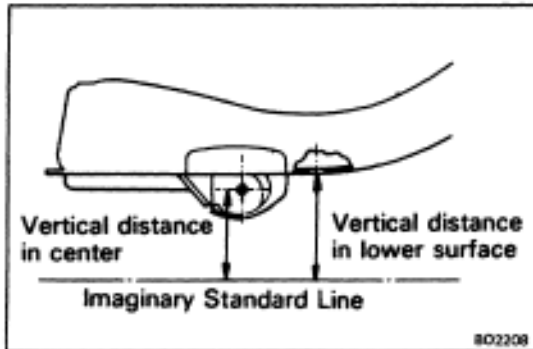


## BODY DIMENSIONS

### General Information

#### 1. BASIC DIMENSIONS

- (a) There are two types of dimensions in the diagram.
  - Straight-line distance between the center of two measuring points.
  - The height from an 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.

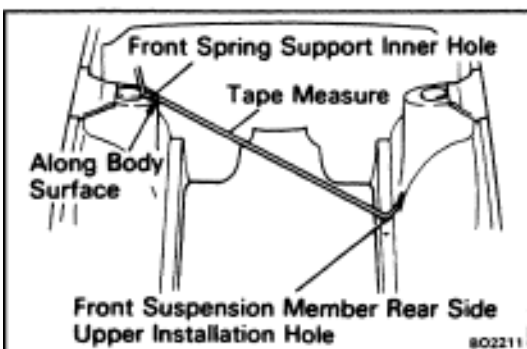
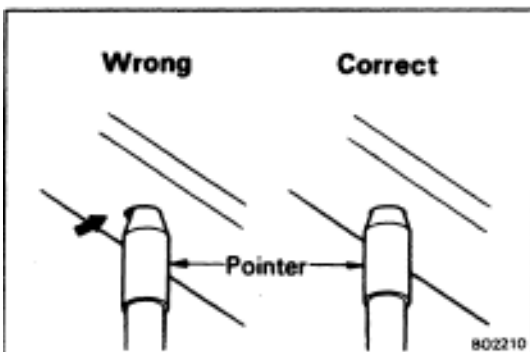


#### 2. MEASURING

- (a) Basically, all measurements are to be done with a tracking gauge. For portion 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.

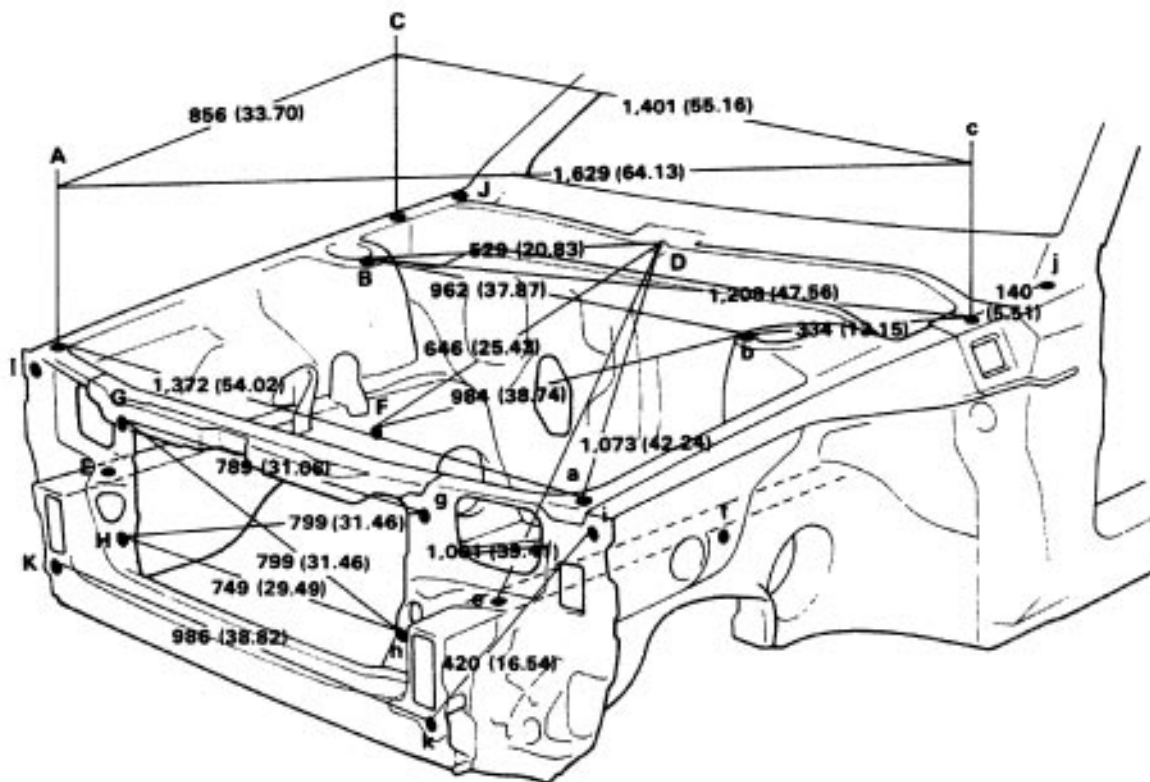
#### HINT:

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.



- (e) 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.

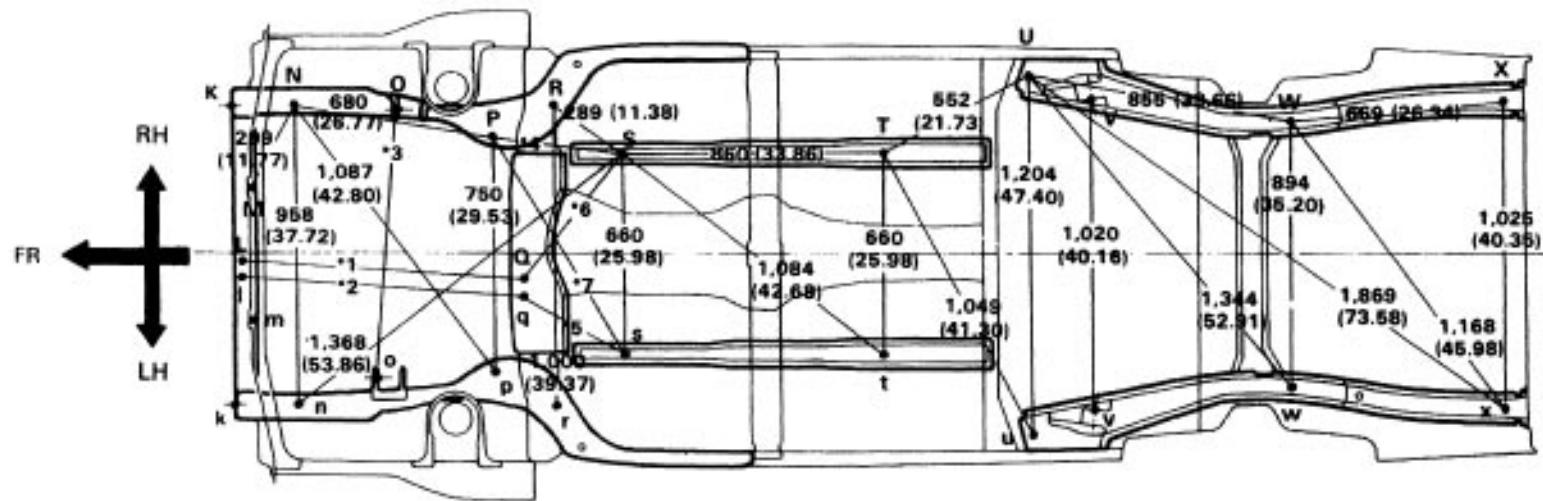
## BODY DIMENSIONS ENGINE COMPARTMENT



mm (in.)

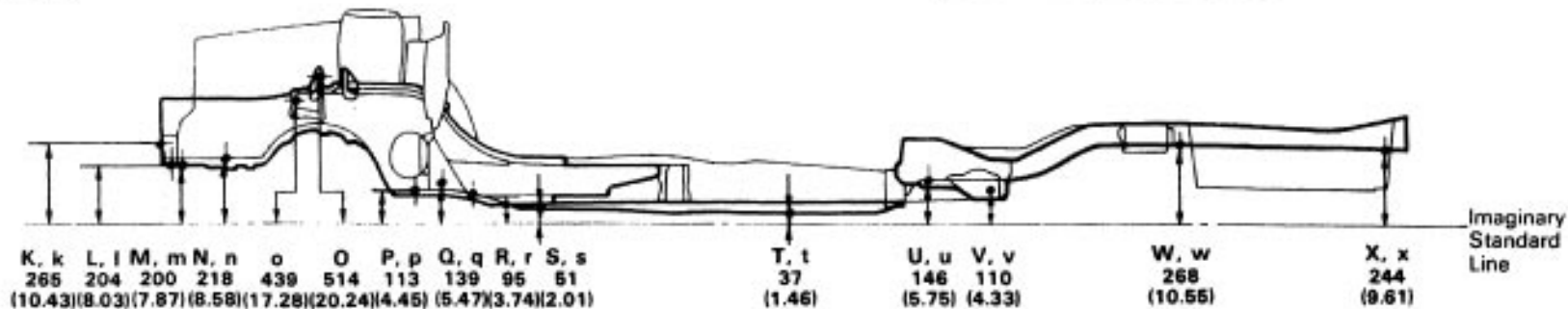
Symbol	Name	Hole. diam.
A, a	Front fender installation nut	6 (0.24)
B, b	Front spring support inner hole	11 (0.43)
C, c	Front fender installation nut	6 (0.24)
D	Cowl top panel center mark	—
E, e	Front side member bumper installation hole	15 (0.59)
F, f	Front side member standard hole	15 (0.59)
G, g	Headlight installation hole	20 x 6.5 (0.79 x 0.26)
H, h	Tube clamp installation nut	6 (0.24)
I, i	Fender installation nut	6 (0.24)
J, j	Cowl top panel standard hole	10 (0.39)
K, k	Front crossmember bumper installation nut	12 (0.47)

## UNDER BODY (FWD)



\*1: L - Q 927 (36.50) \*2: l - q 927 (36.50) \*3: O - o 863 (33.98)  
 \*4: P - S 433 (17.05) \*5: q - s 404 (15.91) \*6: Q - S 549 (21.61)  
 \*7: 826 (32.52)

Wheel Base 2,600 (102.36)



K, k L, l M, m N, n o O P, p Q, q R, r S, s  
 265 204 200 218 439 514 113 139 95 51  
 (10.43)(8.03)(7.87)(8.58)(17.28)(20.24)(4.45) (5.47)(3.74)(2.01)

T, t 37 (1.46)

U, u V, v 146 110 (5.75) (4.33)

W, w 268 (10.55)

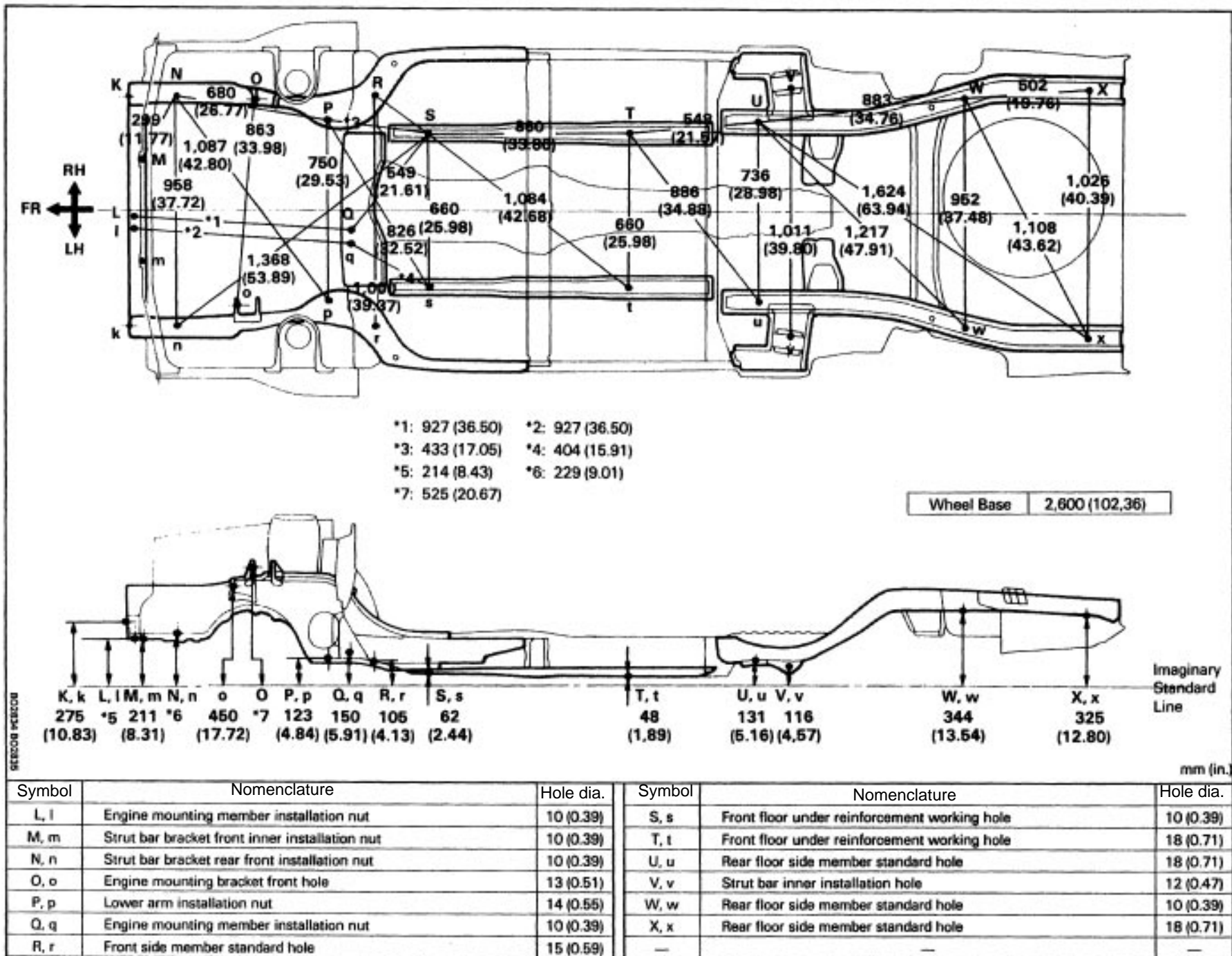
X, x 244 (9.61)

Imaginary  
Standard  
Line

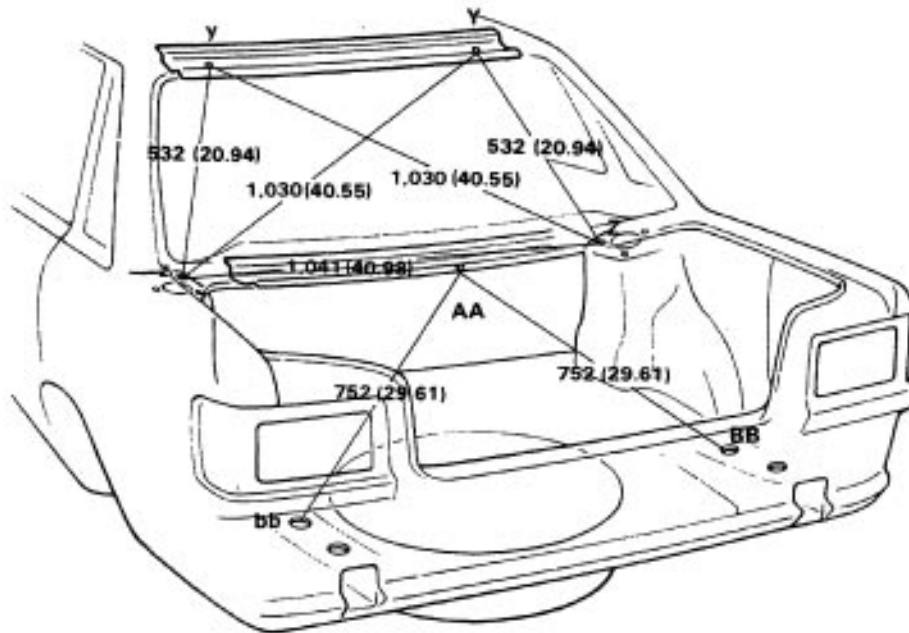
BO1974

Symbol	Nomenclature	Hole, dia	Symbol	Nomenclature	Hole, dia mm (in.)
L, l	Engine mounting center member installation nut	10 (0.39)	S, s	Front floor under reinforcement working hole	10 (0.39)
M, m	Strut bar bracket front inner installation nut	10 (0.39)	T, t	Front floor under reinforcement working hole	18 (0.71)
N, n	Strut bar bracket rear front installation nut	10 (0.39)	U, u	Rear floor side member standard hole	15 (0.59)
O, o	Engine mounting bracket front hole	13 (0.51)	V, v	Strut bar inner installation hole	12 (0.47)
P, p	Lower arm installation nut	14 (0.55)	W, w	Rear floor side member standard hole	15 (0.59)
Q, q	Engine mounting center member installation nut	10 (0.39)	X, x	Rear floor side member transport hook installation hole	15 (0.59)
R, r	Front side member standard hole	15 (0.59)			

## UNDER BODY (All-Trac/4WD)



## LUGGAGE COMPARTMENT (SEDAN)



Y, y Points



AA Point



BB, bb Points

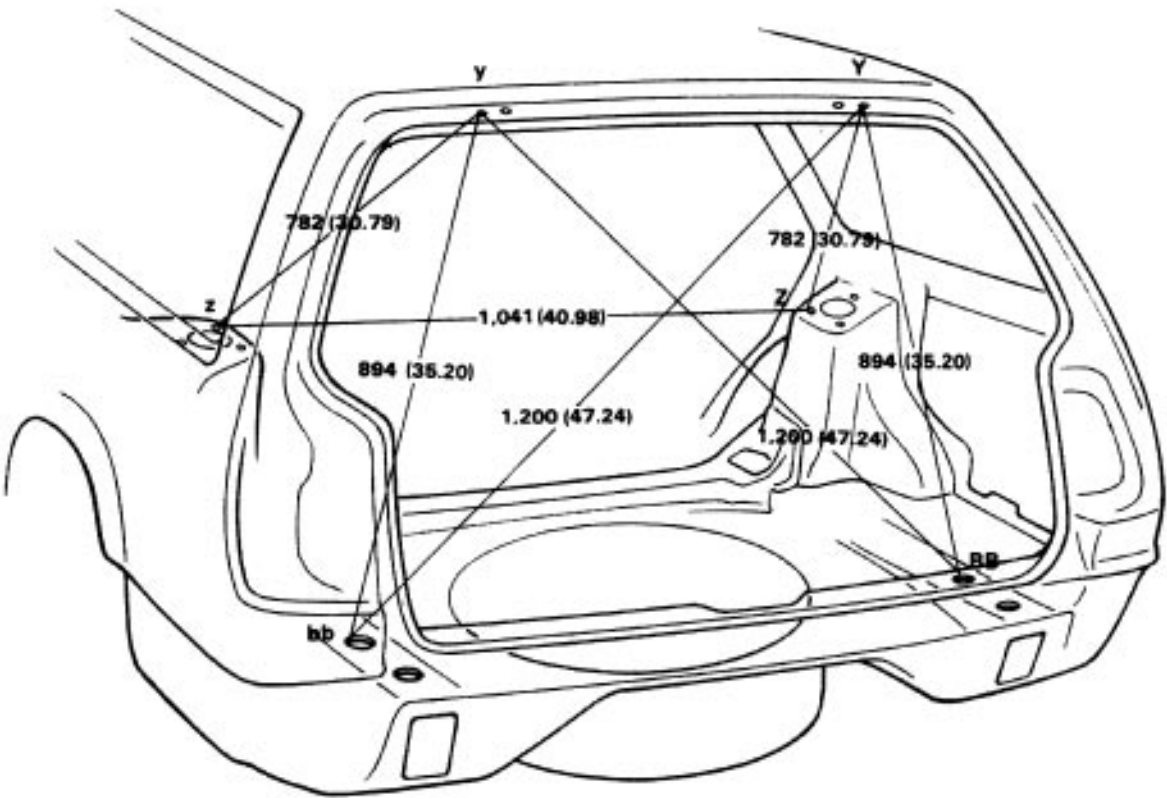


mm (in.)

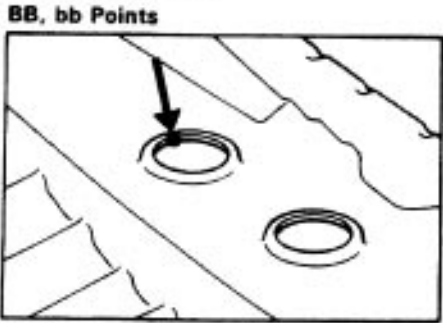
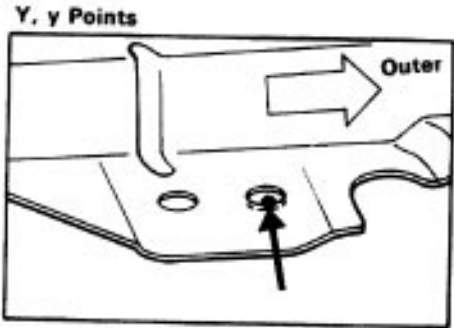
Symbol	Nomenclature	Hole d & a.
Y, y	Back window upper frame standard hole – rear	10 (0.39)
Z, z	Rear spring support front hole	9.5 (0.37)
AA	Upper back reinforcement center mark	3 (0.12)
BB, bb	Rear floor pan bumper front installation hole – front	45 (1.77)

LUGGAGE COMPARTMENT (WAGON)

Wagon



HINT: The luggage compartment measurement is performed between the two dot-marked points as shown in the figure below.



		mm in)
Symbol	Nomenclature	Hole, dia
Y, y	Back door installation outer hole – rear	13 (0.51)
Z, z	Rear spring support front hole	9.5 (0.37)
BB, bb	Rear floor bumper installation front hole – front	45 (1.77)