

# Body (Interior & Exterior)

GENERAL .....	BD -2
EXTERIOR .....	BD -7
INTERIOR .....	BD -24
BUMPER .....	BD -40
SEAT .....	BD -44



**GENERAL**

ESJA0010

**SPECIFICATIONS**

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Hood	
Type	Rear hinged, front opening type
Front door	
Construction	Front hinged, full door construction
Regulator system	X-arm type
Locking system	Pin-fork system
Rear door	
Construction	Front hinged, full door construction
Regulator system	X-arm type
Locking system	Pin-fork system
Tailgate	
Type	Inner hinged, gas strut type
Glass thickness mm (in)	
Windshield glass	5 (0.20)
Front door glass	3.2 (0.13)
Rear door glass	3.2 (0.13)
Quarter fixed glass	3.2 (0.13)
Tailgate glass	3.5 (0.14)
Seat belts	Emergency Locking Retractor

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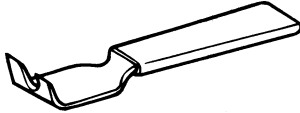
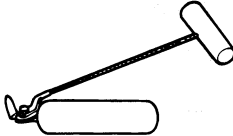
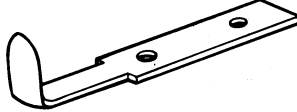
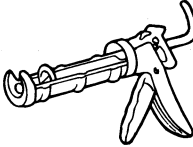

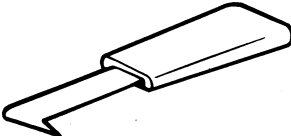
## TIGHTENING TORQUE

ESJA0050

	Nm	kg.cm.	lb.ft.
Front and rear doors			
Door hinge to body	34-42	340-420	24.6-30.4
Door hinge to door	22-27	220-270	16-19.6
Tailgate			
Tailgate hinge to body	7-9	70-90	5.1-6.5
Tailgate hinge to tailgate	7-9	70-90	5.1-6.5
Gas strut to body	7-9	70-90	5.1-6.5
Gas strut to tailgate	7-9	70-90	5.1-6.5
Hood			
Hood hinge to body	22-27	220-270	16-19.5
Hood hinge to hood	22-27	220-270	16-19.5
Hood latch to body	7-11	70-110	5.1-8.0
Seat belt			
Front seat belt upper anchor	40-55	400-550	28.9-39.8
Front seat belt lower anchor	40-55	400-550	28.9-39.8
Front seat belt retractor	40-55	400-550	28.9-39.8
Height adjuster	40-55	400-550	28.9-39.8
Rear seat belt upper anchor	40-55	400-550	28.9-39.8
Rear seat belt lower anchor	40-55	400-550	28.9-39.8
Rear seat belt retractor	40-55	400-550	28.9-39.8
Seat			
Front seat mounting bolts and nuts	35-55	350-550	25.4-40
Rear seat mounting bolts and nuts	35-55	350-550	25.4-40

## SPECIAL TOOLS

ESHA0100

Tool (Number and name)	Illustration	Use
09793-21000 Door hinge adjusting wrench	 <p style="text-align: right;">ESA9010F</p>	Adjustment, removal, and installation of the door hinge
09800-21000 Ornament remover	 <p style="text-align: right;">ESA9010G</p>	Trim removal
09853-31000 Headliner clip remover	 <p style="text-align: right;">ESA9010H</p>	Removal of the headliner clip
09861-31100 Sealant cut-out tool	 <p style="text-align: right;">ESA9010I</p>	Cutting the sealant of the windshield (use with 09861-31200)
09861-31200 Sealant cutting blade	 <p style="text-align: right;">ESA9010J</p>	Cutting the sealant of the windshield (use with 09861-31100)
09861-31300 Sealant gun	 <p style="text-align: right;">ESA9010K</p>	Application of the sealant to the windshield
09681-31400 Glass holder	 <p style="text-align: right;">ESA9010L</p>	Removal and installation of the windshield
09681-31000 Windshield moulding re- mover	 <p style="text-align: right;">ESA9010M</p>	Removal of the windshield moulding

## TROUBLESHOOTING

ESHA0150

Trouble symptom	Probable cause	Remedy
Water leaks from sunroof	Dirt accumulated in drain tube	Clear dirt inside of drain
	Clogged drain tube	Blow air into drain to remove dirt
	Broken or dislocated drain tube, defective or cracked clip	Check tube installation and flange contact
	Deteriorated roof lid weatherstrip	Replace
	Excessive roof lid-to-body clearance and improperly fitted weatherstrip	Adjust
Wind noise around sunroof	Loose or deformed deflector, gaps in body work	Retighten adjust or replace
Sunroof makes a noise when moved	Foreign particles lodged in guide rail	Check drive cable and guide rails for foreign particles
	Loose guide rails and lid	Retighten
Motor runs but sunroof does not move or moves only halfway	Foreign particles lodged in guide rail	Check drive cable and guide rails for foreign particles
	Incorrect engagement of motor pinion with drive cable	Check for loose motor installation and damaged pinion
	Decrease in motor's clutch slipping force	Adjust
	Increased sunroof sliding resistance or interference of sunroof with drive cables, weatherstrip, etc. due to maladjustment of sunroof	Adjust or replace
Noise in motor (clutch slipping noise from motor when sunroof is fully opened or closed is not an unusual noise.)	Incorrect engagement of motor pinion with drive cable	Check pinion installation and retighten motor
	Worn out or damaged motor pinion bearing	Replace motor assembly
	Worn out or deformed drive cable	Replace
Door glass fails to operate up and down	Incorrect window glass installation	Adjust position
	Damaged or faulty regulator arm or regulator	Correct or replace
Door does not open or close completely	Incorrect door installation	Adjust position
	Defective door check assembly	Correct or replace
	Door hinge requires grease	Apply grease
Hood does not open or close completely	Striker and latch not properly aligned	Adjust
	Incorrectly installed hood	Adjust
	Incorrect hood bumper height	Adjust
Water leak through windshield and rear window	Defective seal	Fill with sealant
	Defective flange	Correct

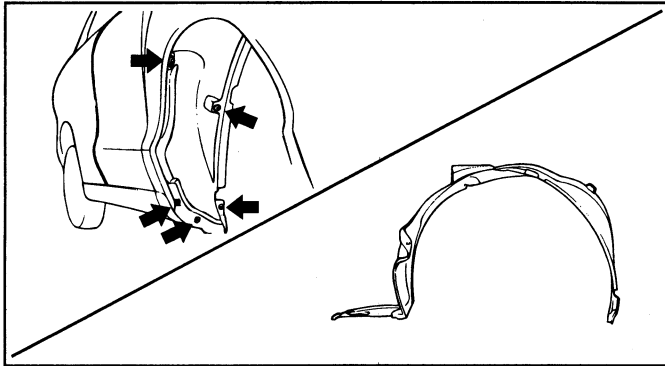
Trouble symptom	Probable cause	Remedy
Wind noise around door	Weatherstrip not holding firmly	Adjust fit of door
	Improperly installed weatherstrip	Repair or replace
	Improperly closed door	Adjust
	Improperly fit door	Adjust
	Improper clearance between door glass and division channel	Adjust
	Deformed door	Repair or replace

## EXTERIOR

## FENDER

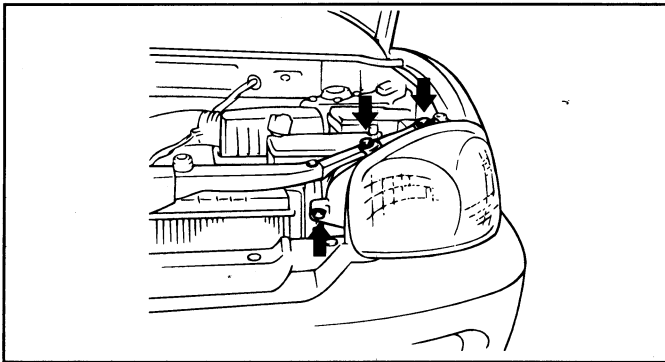
REMOVAL AND INSTALLATION ESJA0200

1. Remove the screws holding the inner fender protector and then remove the protector.



ESJA100A

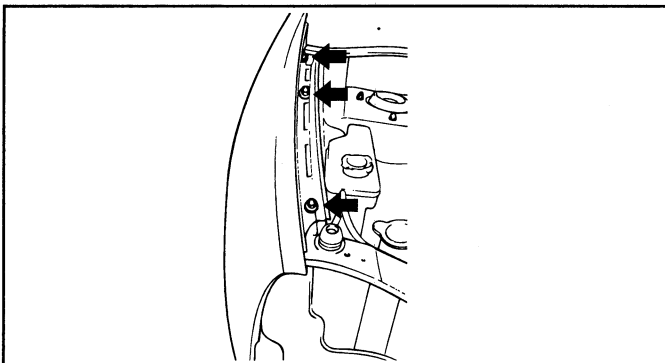
2. Disconnect the wires to the head lamps and the turn signal lamps and then remove the head lamps



ESJA005B

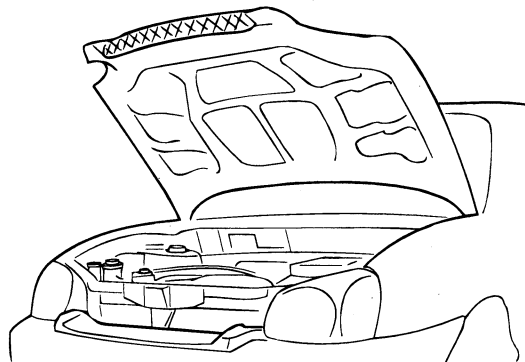
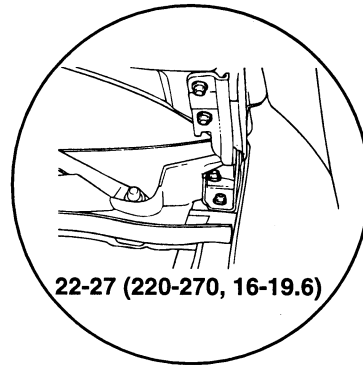
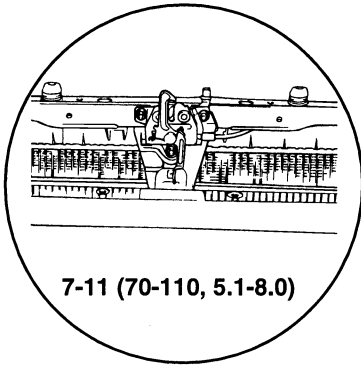
3. Remove the front bumper. (Refer to the front bumper, page BD-41)

4. Remove the bolts holding the fender and then remove the fender.



ESJA025D

## HOOD

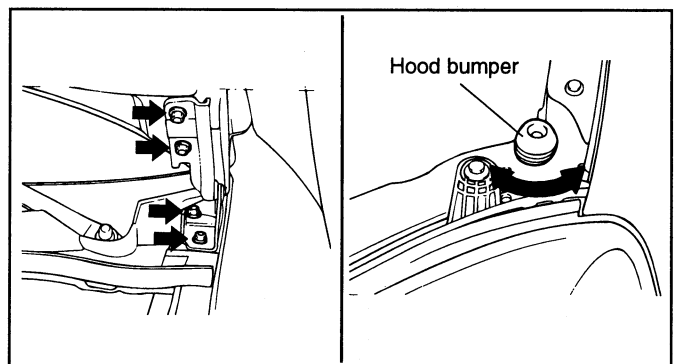
COMPONENTS ESJA0250

**TORQUE : N·m (kg·cm, lb·ft)**

ESJA100B

## HOOD ALIGNMENT ADJUSTMENT ESJA0300

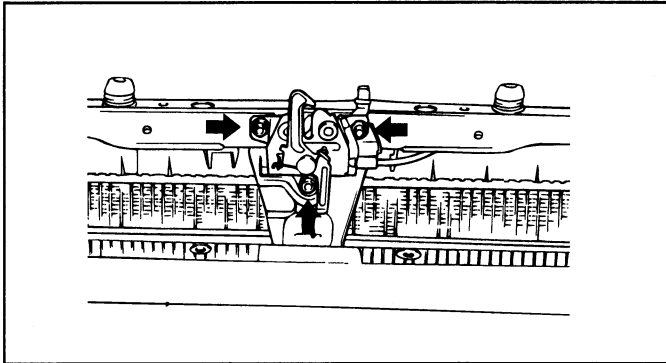
1. Adjust the longitudinal and lateral positions of the hood by utilizing the elongated holes in the hinge.
2. Turn the hood bumpers either clockwise or counter-clockwise to adjust the height of the hood.



ESJA100C



3. Loosen the bolts holding the hood latch.
4. Adjust the hood latch so it holds the hood properly, then tighten its mounting bolts. If a proper latch cannot be obtained, readjust the hood longitudinally and laterally.

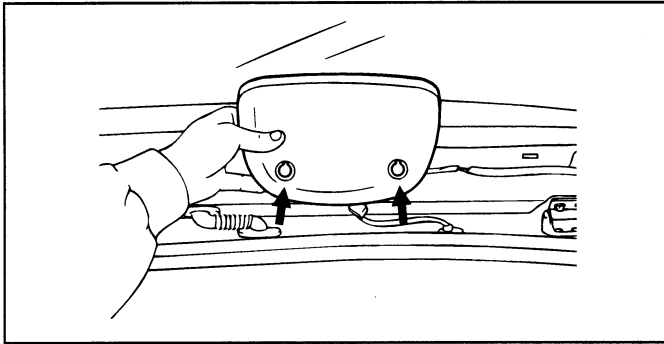


ESJA001D

## TAILGATE

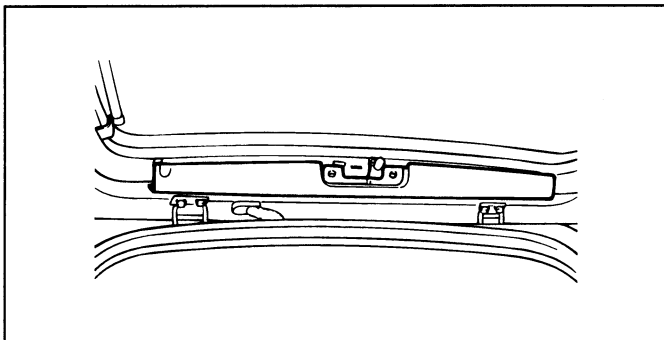
REMOVAL AND INSTALLATION ESJA0350

1. Remove the center high mounted stop lamp.



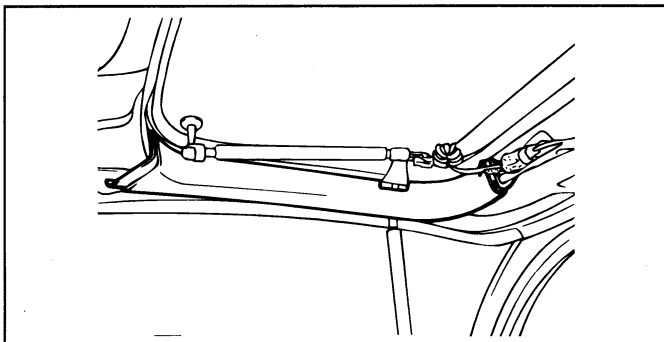
ESJA040N

2. Remove the upper trim from the tailgate frame.



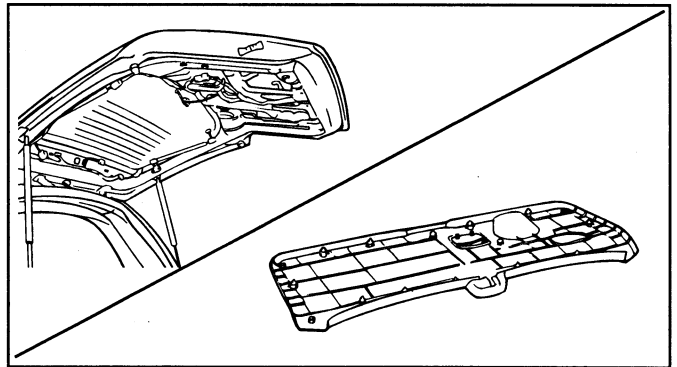
ESJA040A

3. Remove the side trim from the tailgate frame.



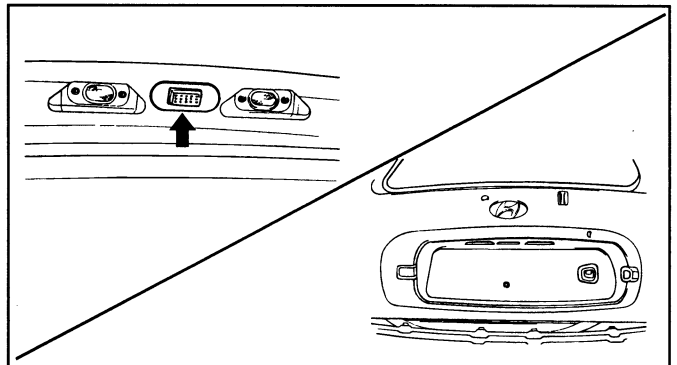
ESJA040B

4. Remove the tapping screw and the trim grip and then remove the tailgate trim panel.



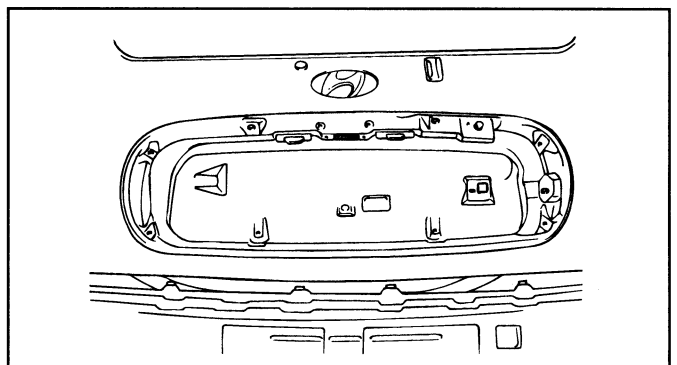
ESJA100D

5. Remove the tailgate glass flip-up switch and the tailgate outside handle.



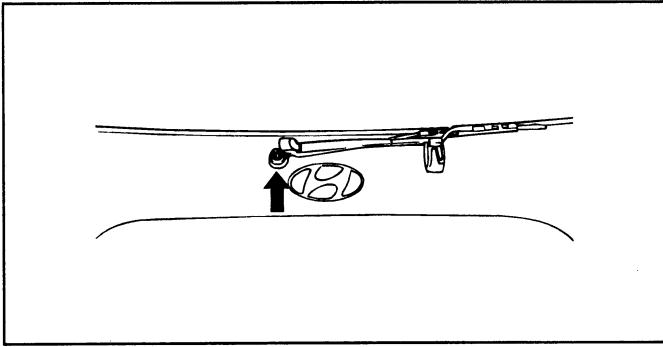
ESJA100E

6. Remove the back panel molding.



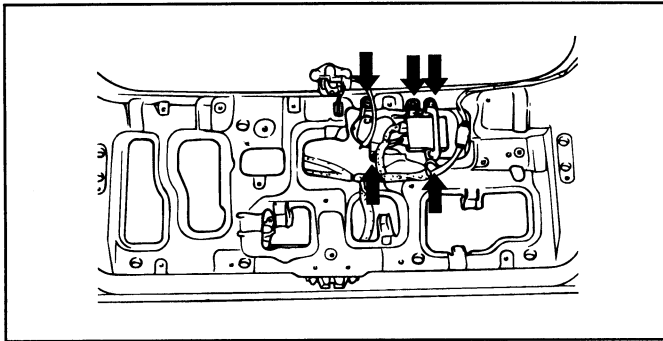
ESJA040G

7. Remove the rear wiper arm.

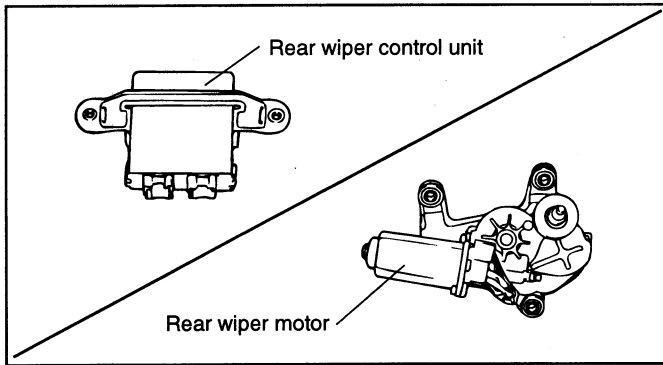


ESJA040H

8. From the interior, remove the rear wiper control unit and the rear wiper motor.

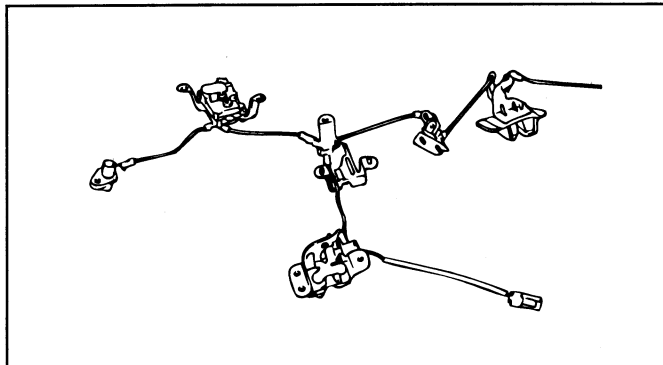


ESJA040K



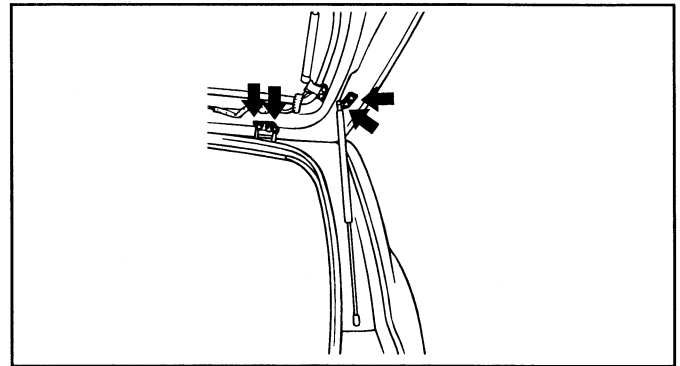
ESJA100F

9. Remove the tailgate actuator, the tailgate latch, the tailgate glass latch and the key cylinder.



ESJA040L

10. Remove the tailgate struts and then loosen the bolts holding the tailgate hinge.



ESJA040M

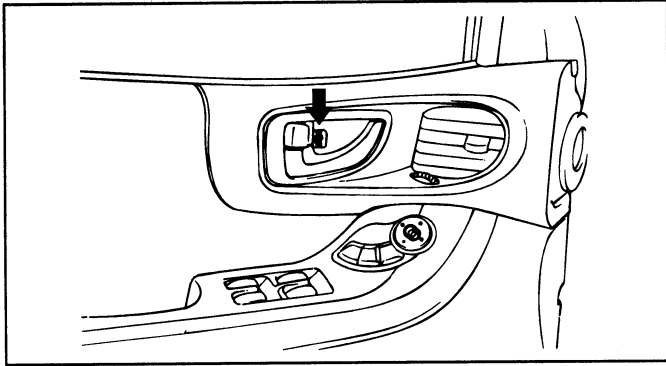
11. Remove the tailgate.

12. Installation is the reverse of removal.

## FRONT DOOR

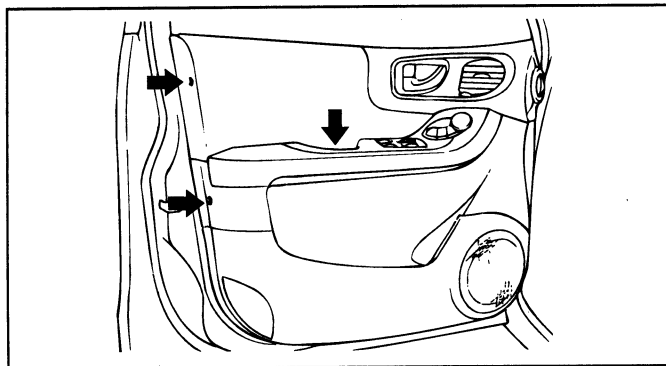
REMOVAL AND INSTALLATION ESJA0400

1. Remove the screw holding the inside door handle trim.

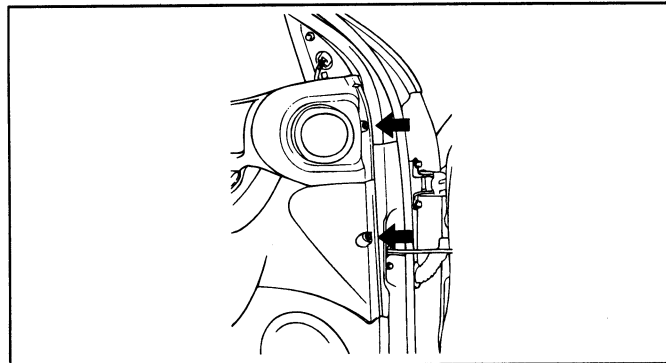


ESJA060A

2. Remove the screws holding the door trim panel.



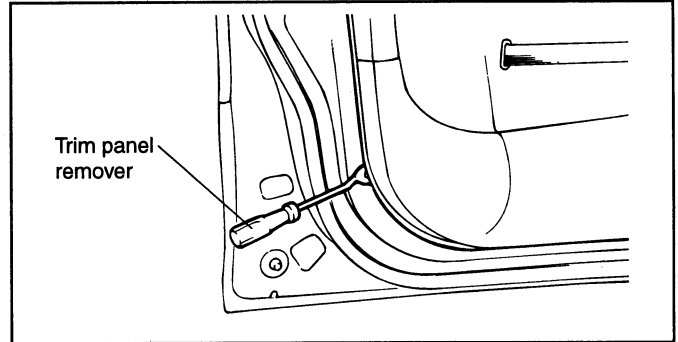
ESJA060B



ESJA060C

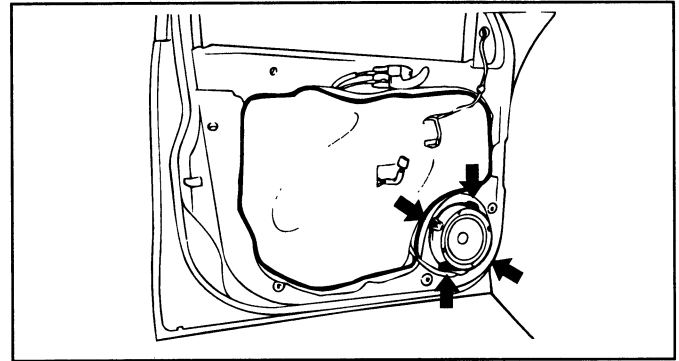
3. Insert a trim panel remover between the trim fasteners and the door trim panel to pry off.

Disconnect the wire connectors from the front door.



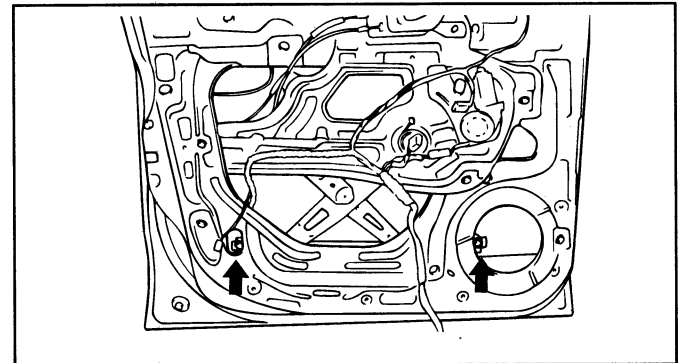
ESHA015D

4. Remove the front speaker and the door vapor barrier.



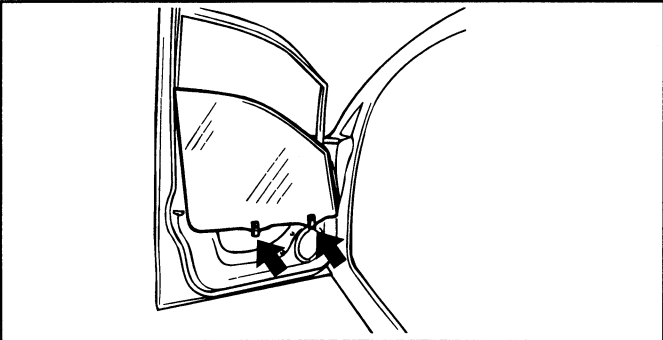
ESJA060D

5. Roll the door glass down and then remove the bolts holding the front door glass.



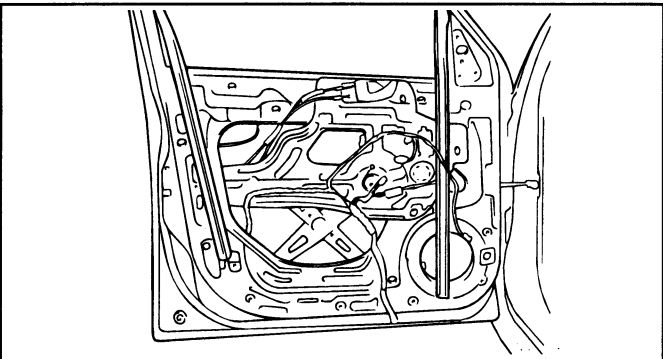
ESJA060E

6. Remove the front door glass from the front door module.



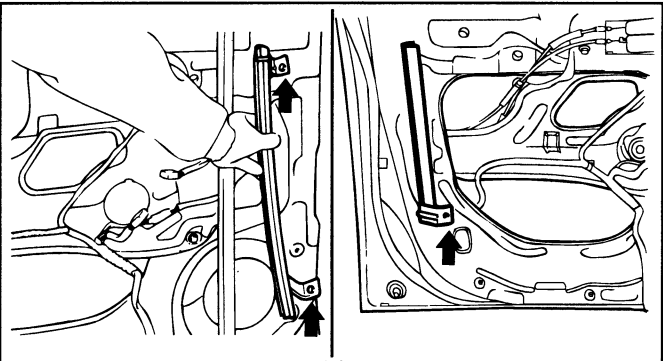
ESHA015F

7. Remove the front door window glass run.



ESJA060F

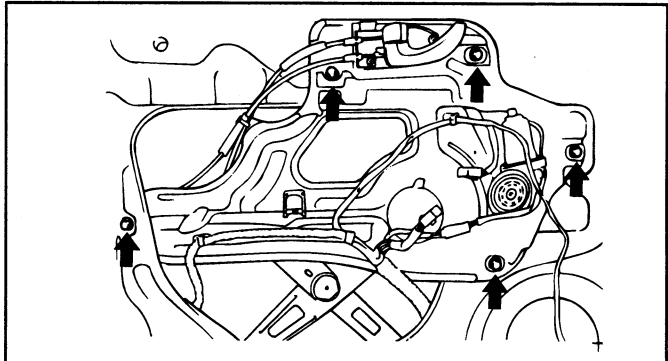
8. Remove the front and rear channels from the front door.



ESJA100G

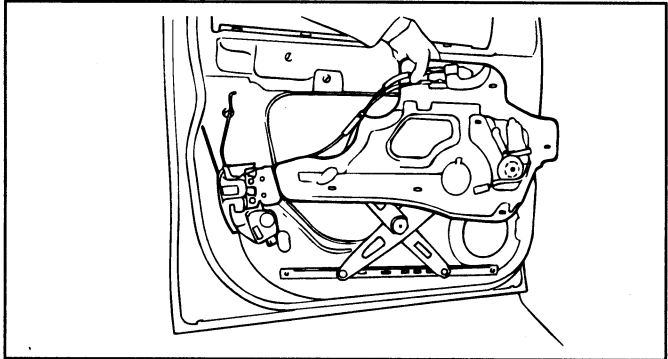
9. Disconnect the rod from the exterior handle.

Remove the bolts holding the latch and the door lock actuator.



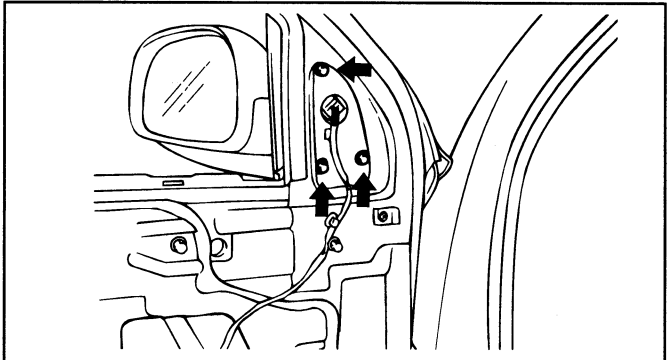
ESJA060I

10. Remove the wire harness and the front door module.



ESJA060K

11. Remove the outside rear view mirror.



ESJA060L

12. Installation is the reverse of removal.

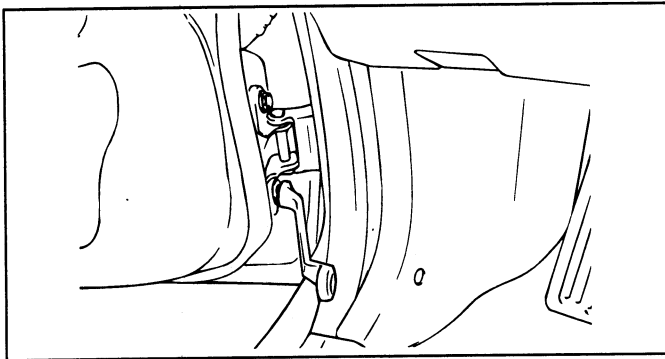
When installing the door vapor barrier, butyl tape should not be placed so it blocks the door trim fastener holes.

**ADJUSTMENT** ESHA0400**DOOR POSITION**

Check for a flush fit with the body, then check for an equal gap between the front and rear, top and bottom door edges and the body. The door and body edges should also be parallel.

**CAUTION**

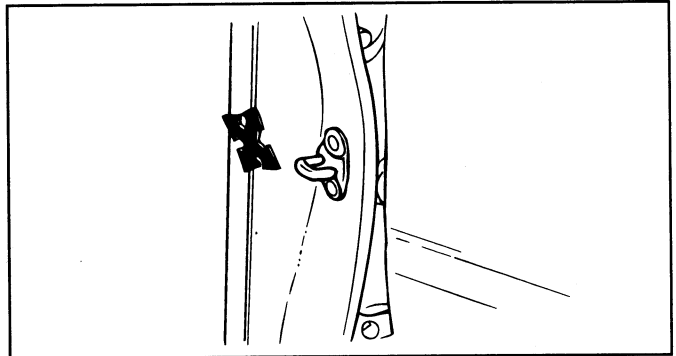
Attach protective tape to the fender edges where the hinge is installed.



ESA9095A

**NOTE**

Hold the outside handle outward and push the door against the body to verify the striker provides a tight fit.

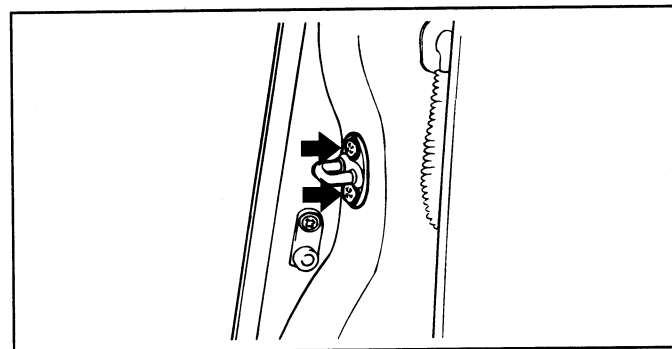


ESA9095B

**DOOR STRIKER**

Make sure the door is not loose, and that it latches securely without slamming. If necessary, adjust the door as follows :

1. Draw a line around the striker plate for reference.
2. Loosen the striker screws, and move the striker IN and OUT to make the latch fit tighter or looser. Move the striker UP and DOWN to align it with the latch opening. Then lightly tighten the screws and recheck.

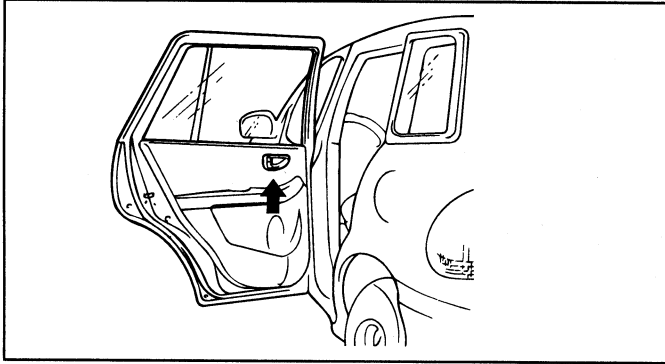


ESHA015N

REAR DOOR

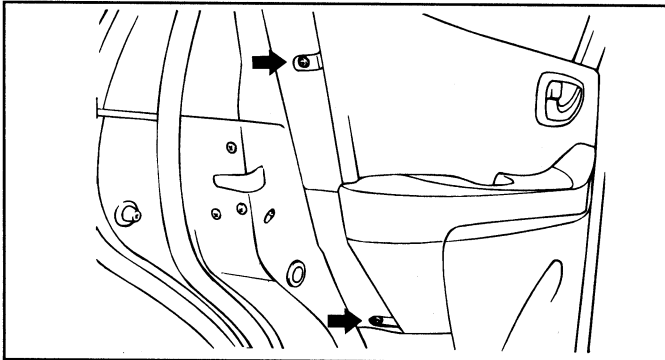
REMOVAL AND INSTALLATION ESJA0500

1. Remove the screw holding the inside door handle trim.



ESJA045A

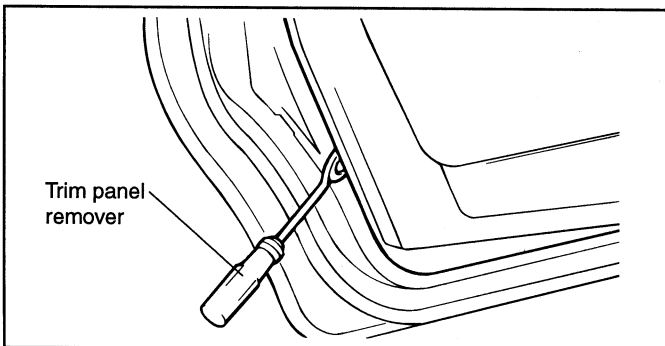
2. Remove the screws holding the door trim panel.



ESJA045B

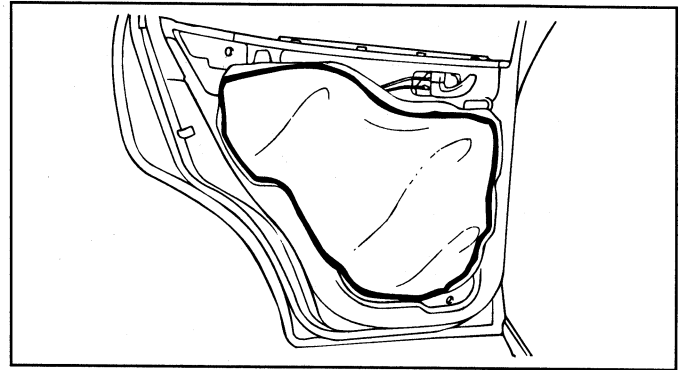
3. Insert a trim panel remover between the trim fasteners and the door trim panel to pry off.

Disconnect the wire connectors from the rear door.



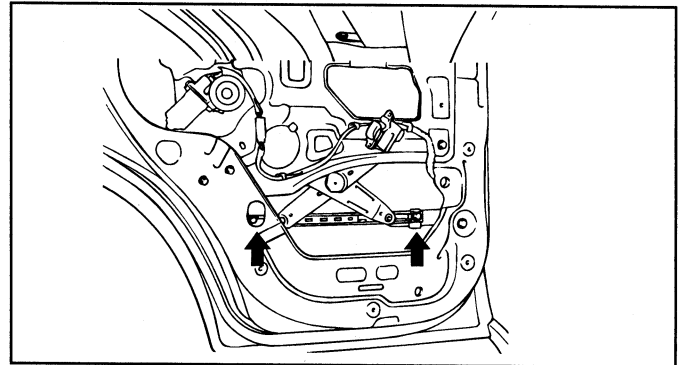
ESHA020D

4. Remove the door vapor barrier.



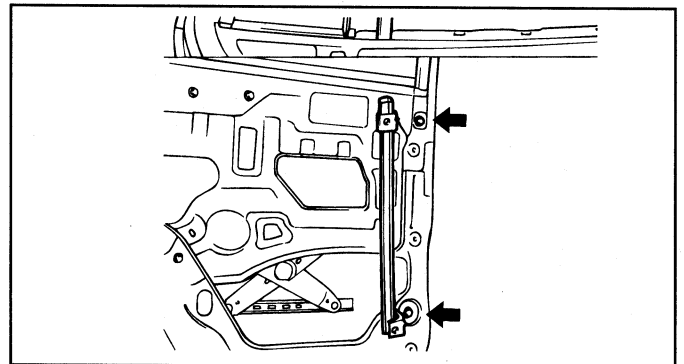
ESJA045C

5. Roll the rear door glass down and then remove the bolts holding the rear door glass.



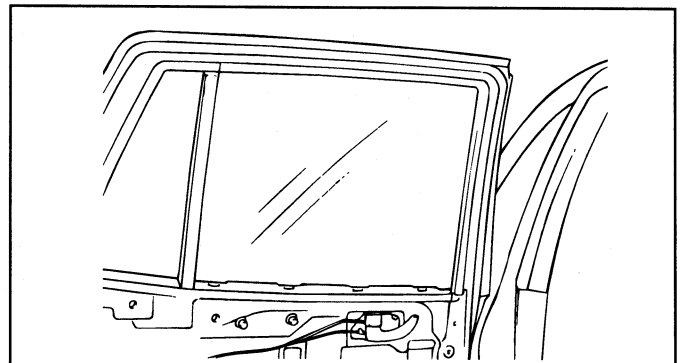
ESJA045D

6. Remove the front channel from the rear door.



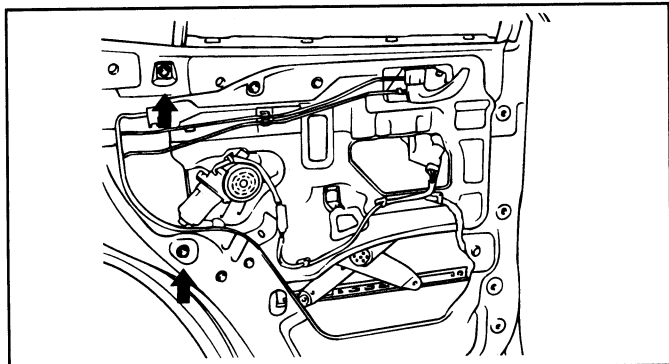
ESJA045E

7. Remove the rear door glass from the rear door module.



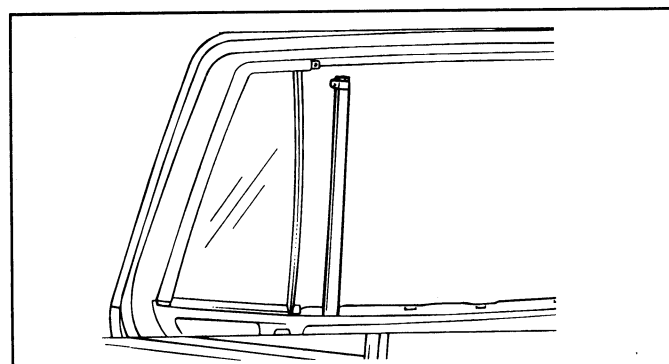
ESJA045F

8. Remove the rear door glass run and loosen the bolts holding the rear channel to the rear door.



ESJA045G

9. Remove the rear channel from the rear door.

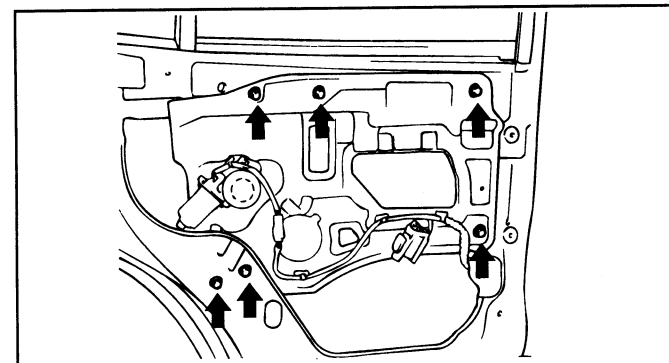


ESJA045H

10. Remove the rear fixed glass.

11. Disconnect the rod from the exterior handle.

Remove the latch, the wire harness, and the rear door module.



ESJA045J

12. Installation is the reverse of removal.

When installing the door vapor barrier, butyl tape should not be placed so it blocks the door trim fastener holes.

## ADJUSTMENT ESHA0500

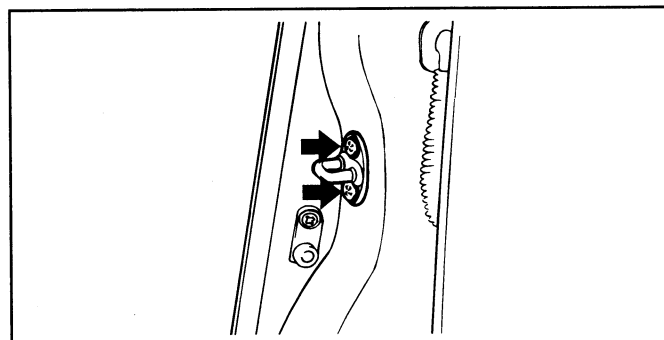
### DOOR POSITION

Check for a tight fit with the body, then check for an equal gap between the front and rear, top and bottom door edges and the body. The door and body edges should also be parallel.

### DOOR STRIKER

Make sure the door is not loose, and that it latches securely without slamming. If necessary, adjust the door as follows :

1. Draw a line around the striker plate for reference.
2. Loosen the striker screws, and move the striker IN and OUT to make the latch fit tighter or looser. Move the striker UP and DOWN to align it with the latch opening. Then lightly tighten the screws and recheck.



ESHA015N

### NOTE

Hold the outside handle outward and push the door against the body to verify that the striker provides a tight fit.



**BODY SIDE MOLDINGS****REMOVAL AND INSTALLATION** ESJA0600**ROOF SIDE GARNISH**

1. Remove the roof side garnish using a flat bladed screwdriver.

**CAUTION**

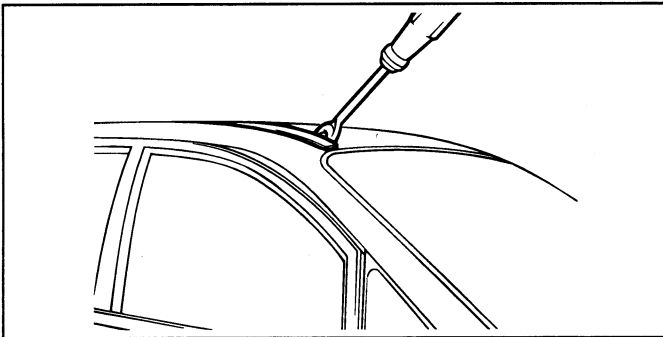
**When prying with a flat bladed screwdriver, wrap it with protective tape to prevent damage.**

**In order not to scratch the body and roof side garnish, use protective tape on the body.**

2. Pull the roof side garnish up, then remove it.
3. Installation is the reverse of the removal process.

**NOTE**

**If necessary, replace any damaged clips.**

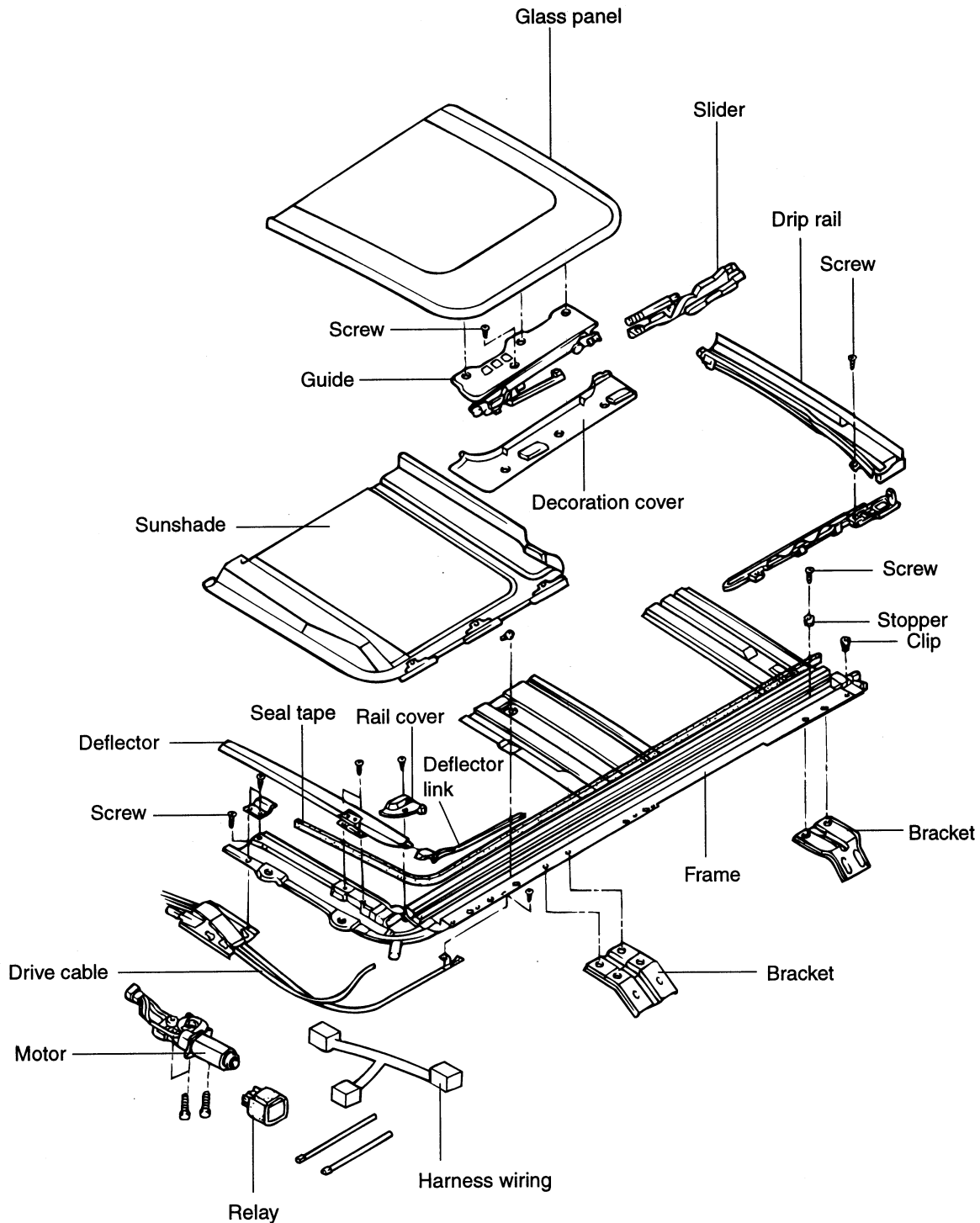


ESHA025B

SUN ROOF

COMPONENTS

ESJA0650



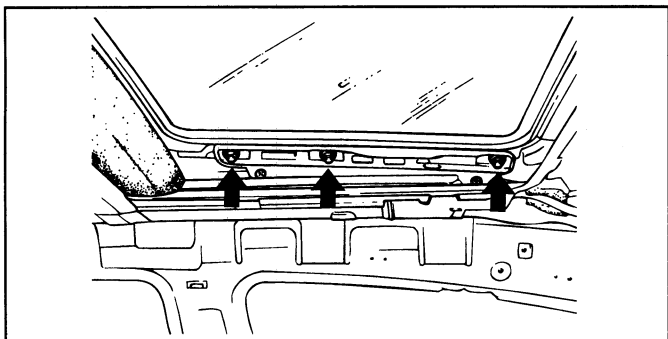
**REMOVAL** ESHA0700

1. To remove the sunroof, first remove the following parts :
  - 1) Overhead console lamp.
  - 2) Sun visor and grip handle.
  - 3) Pillar trims.
2. Remove the decoration cover and the glass panel.

**Tightening torque**

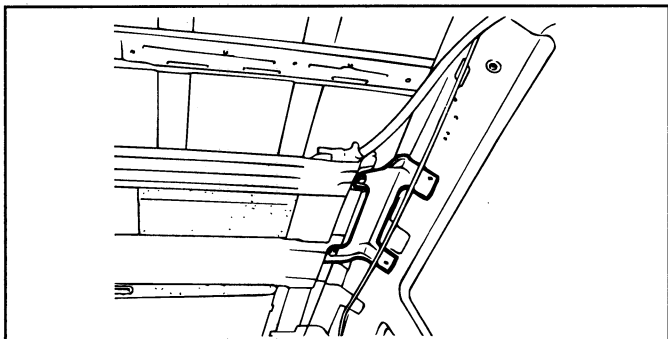
Glass panel mounting nuts :

4-6 Nm (40-60 kg·cm, 2.9-4.4 lb·ft)



ESA9011K

3. Disconnect the drain hose.



ESHA027A

4. Loosen the bolts and nuts holding the sunroof and then remove the sunroof assembly.

**Tightening torque**

Sunroof mounting bolts:

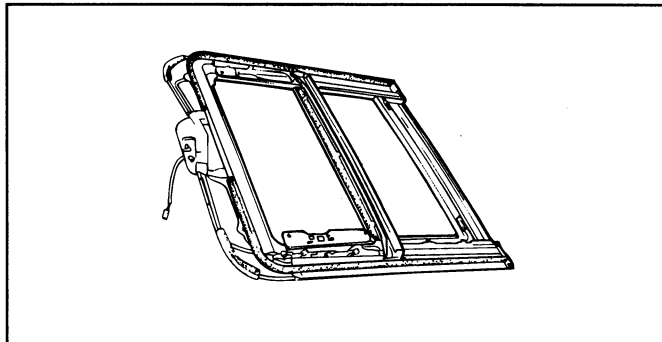
7-11 Nm (70-110 kg·cm, 5.1-8.0 lb·ft)

Sunroof mounting nuts:

4-6 Nm (40-60 kg·cm, 2.9-4.4 lb·ft)

**NOTE**

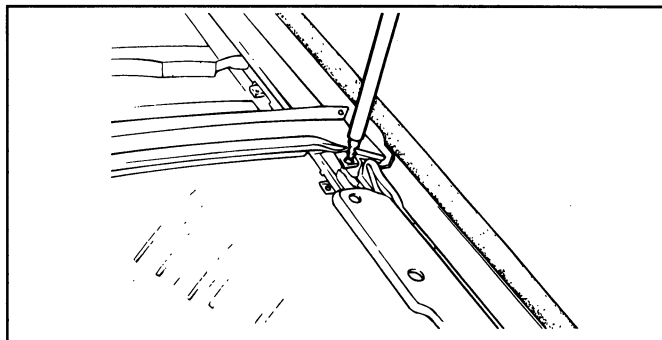
**When removing the sunroof assembly, carefully pull out the assembly to avoid damaging other parts.**



ESA9011B

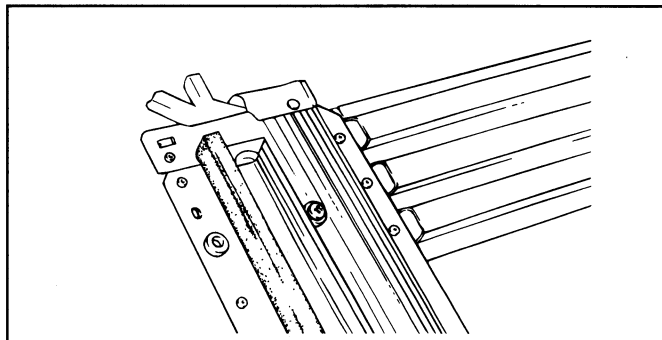
**DISASSEMBLY** ESHA0750

1. Remove the drip rail.



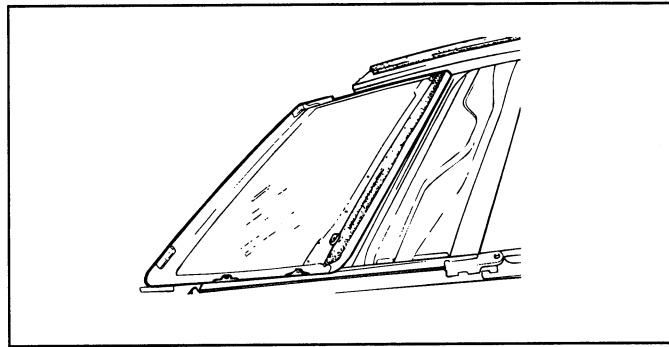
ESA9011C

2. Remove the stopper.



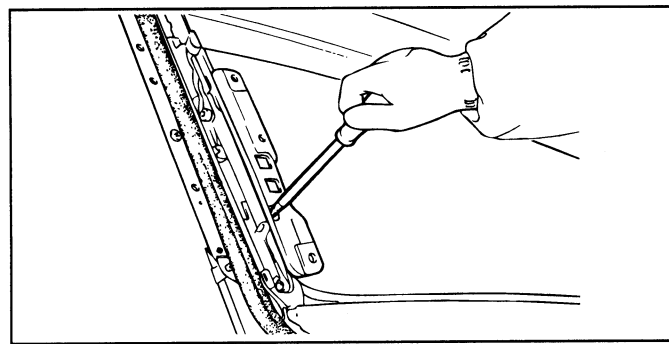
ESA9011D

3. Remove the sun shade.



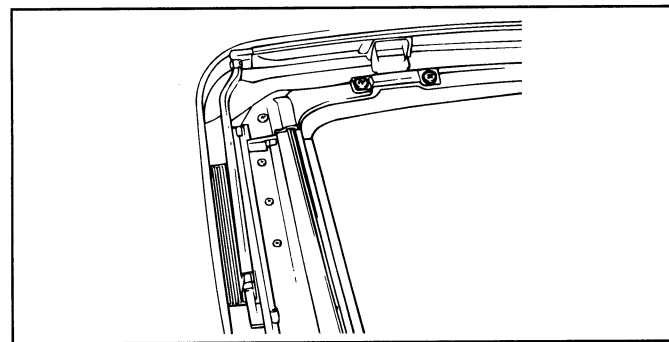
ESA9011E

4. Remove the guide assembly.



ESA9011F

5. Remove the deflector.

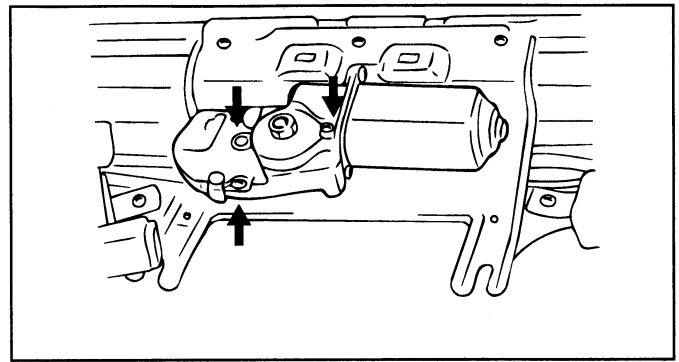


ESA9011G

6. Remove the motor assembly.

**CAUTION**

When removing the motor, the slider assembly should always be in a fully closed position. If there is discrepancy between the glass position and the motor pulley in a fully closed position, the sunroof will not operate correctly.



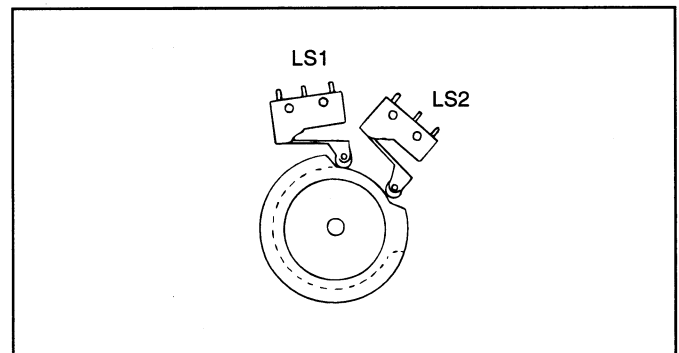
ESA9060N

**INSTALLATION** ESHA0850

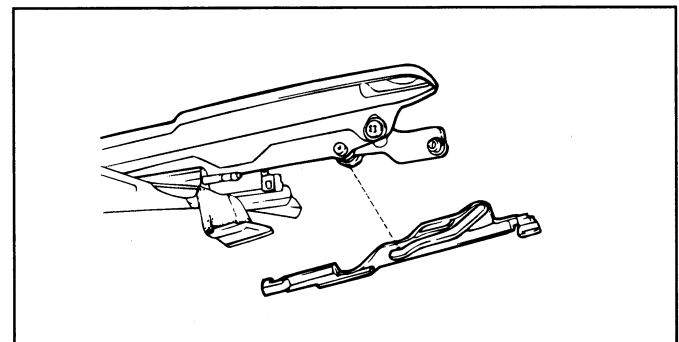
Installation is the reverse of removal.

**NOTE**

Check that the limit switches (LS1 and LS2) of the motor are fully closed. Align the guide roller center and slider mating marks in the fully closed position.



ESA9070D



ESA9011H

**VERIFY OPERATING CONDITION AFTER INSTALLATION**

ESHA0900

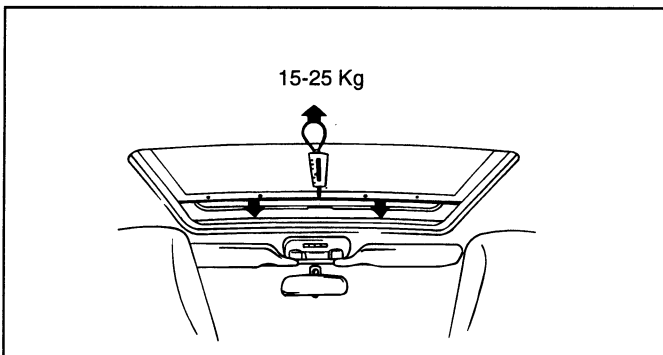
If the glass panel moves slowly, check and adjust.

1. Make sure the battery is fully charged.
2. Make sure that the sunroof sliding unit is free of abrasive materials.
3. Make sure that, when the glass panel opens, the rear of the panel does not jam against the roof panel. If there is interference, fully open the glass panel and move the stopper forward.

**NOTE**

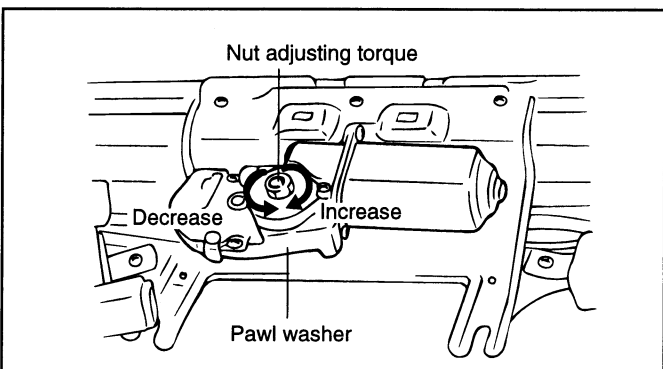
If the stopper is moved forward too far, it may cause malfunction or leaks. Make sure the gap between the glass panel and roof panel is not more than 0.3 mm (0.012 in.).

4. Measure the driving force of the motor, and adjust it to 15-25 kg (33.1-55.7 lb) with the torque adjustment nut on the motor.



ESA9075D

5. After adjustment, be sure to lock the nut with the pawl washer.



ESA9075E

**ADJUSTMENT**

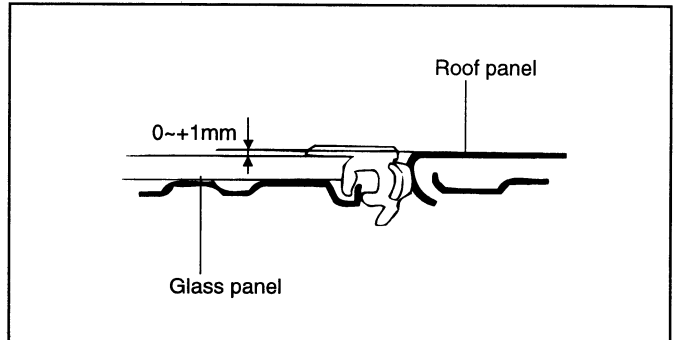
ESHA0950

Adjust the difference between the height of the glass panel and the roof panel.

Front side : 0 (+0, -1.0) mm

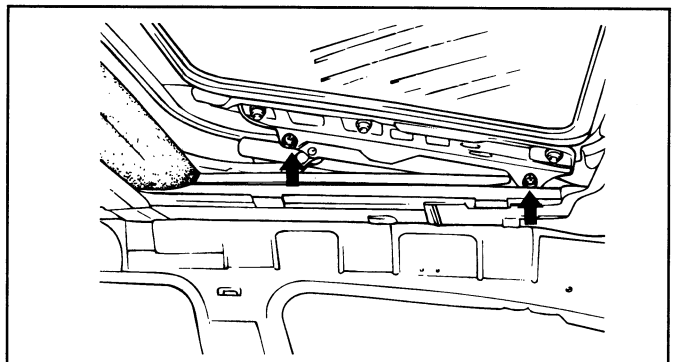
Rear side : 0 (+1, +0) mm

If the difference is not as specified, adjust the following procedure.



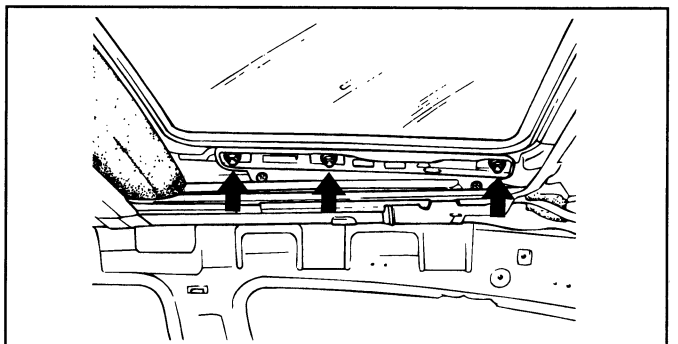
ESA9011J

1. Loosen the front screw and rear screw. Adjust the height between the glass panel and roof panel.



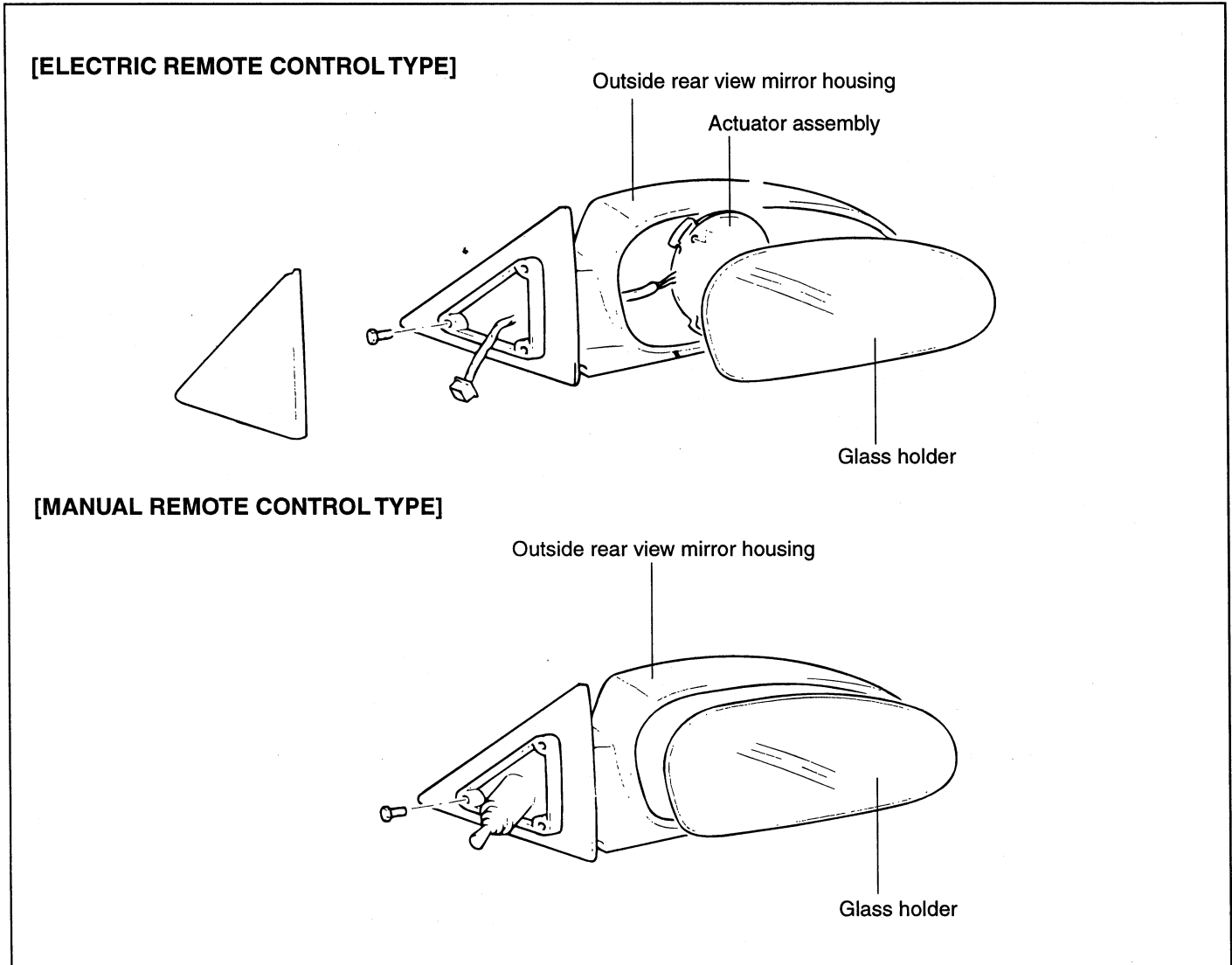
ESA9011I

2. Loosen the nuts holding the glass panel and adjust the gap between the glass panel and roof panel.



ESA9011K

## OUTSIDE REAR VIEW MIRROR

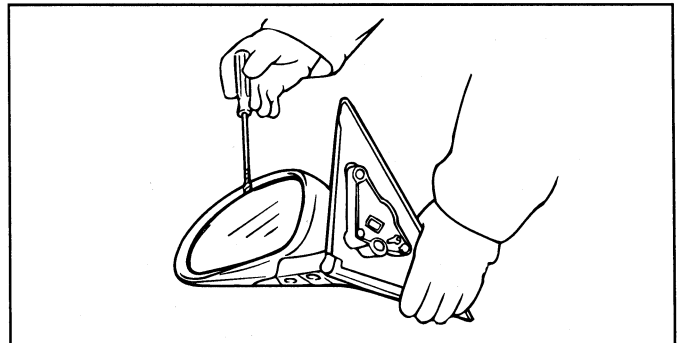
COMPONENTS ESJA0950

ESA9030A

REMOVAL AND INSTALLATION ESJA1000**CAUTION**

**Wear gloves to remove and install the mirror holder.**

1. Insert flat bladed screwdriver between the outside rear view mirror holder and the mirror assembly.

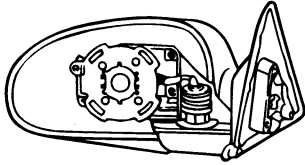


ESA9030B

**CAUTION**

**When prying with a flat bladed screwdriver, wrap it with a shop towel to prevent damage.**

2. Remove the outside rear view mirror actuator from the outside rear view mirror housing.



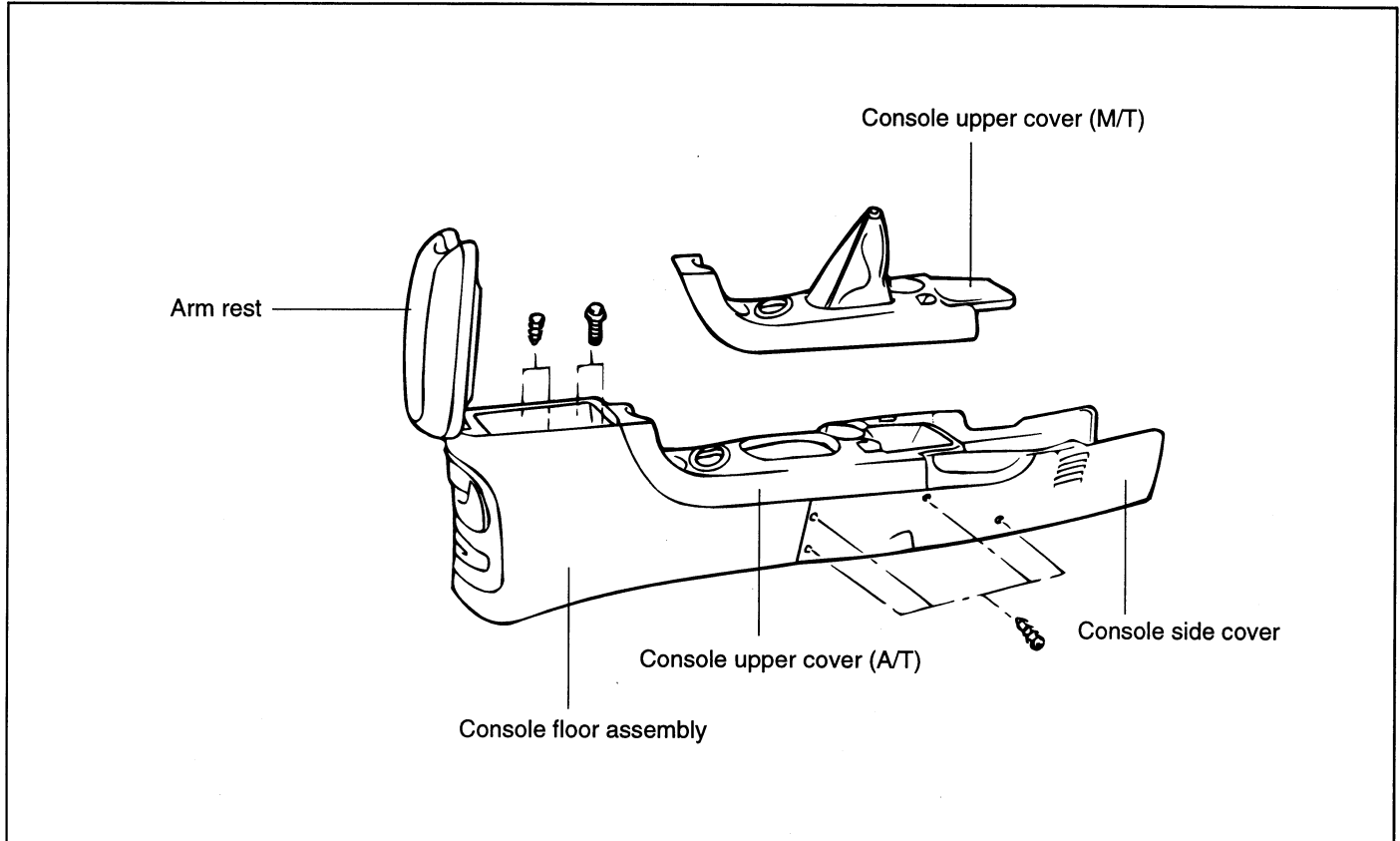
ESA9030C

3. Installation is the reverse of removal.

INTERIOR

CONSOLE

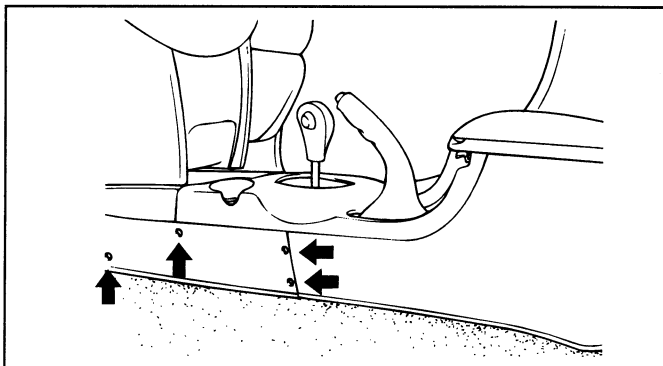
COMPONENTS ESJA1050



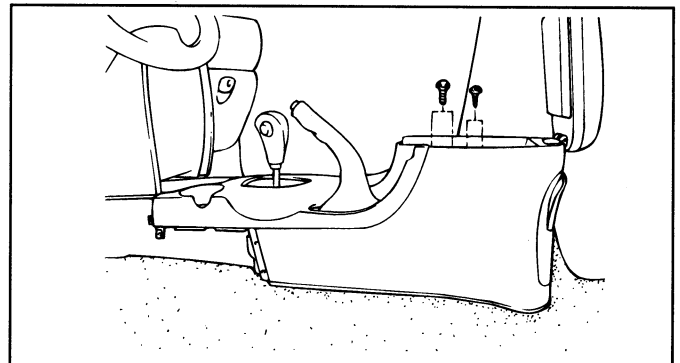
ESJA065A

REMOVAL AND INSTALLATION ESJA1100

1. Remove the screws holding the console side cover and remove the console side cover.



ESJA065B



ESJA065C

3. Installation is the reverse of removal.

2. Remove the screws holding the floor console assembly and then pull out the floor console.



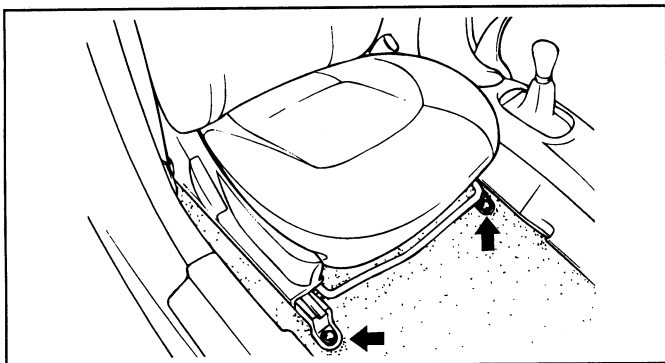
### CRASH PAD

### REMOVAL AND INSTALLATION ESJA1150

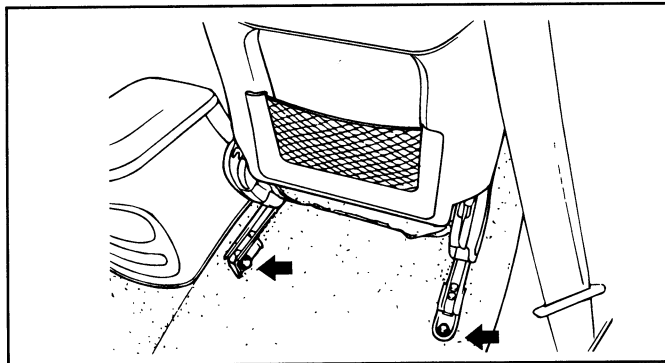
1. Disconnect the negative (-) battery terminal.
2. Disconnect the wire connectors from the front seats and then remove the front seats. (Refer to page BD-44)

### CAUTION

Take care not to scratch the trim when removing the front seats.

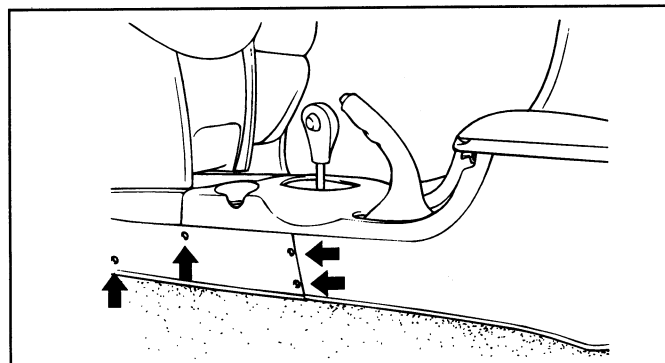


ESJA070A



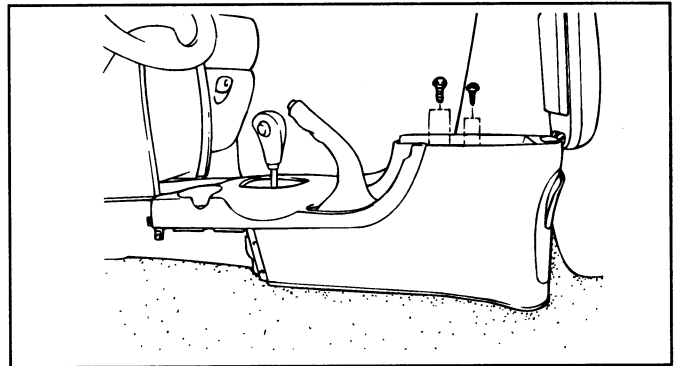
ESJA070B

3. Remove the 4 screws holding the floor console side cover.



ESJA065B

4. Remove the 2 screws holding the floor console assembly and then pull out the floor console.

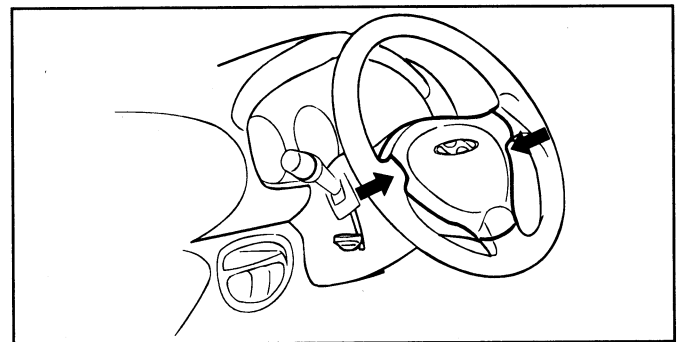


ESJA065C

5. Remove the air bag module.

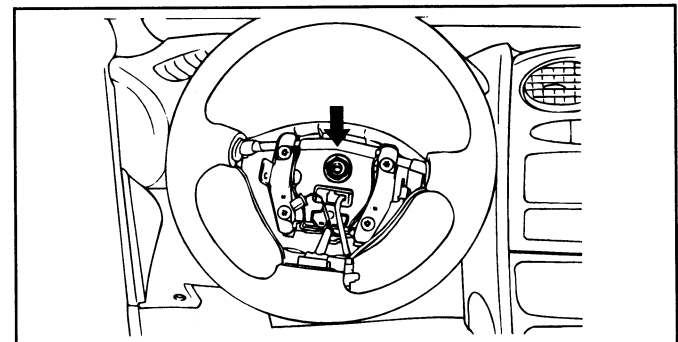
### CAUTION

For instructions on the removal of the air bag module and clock spring, refer to page RT-20.



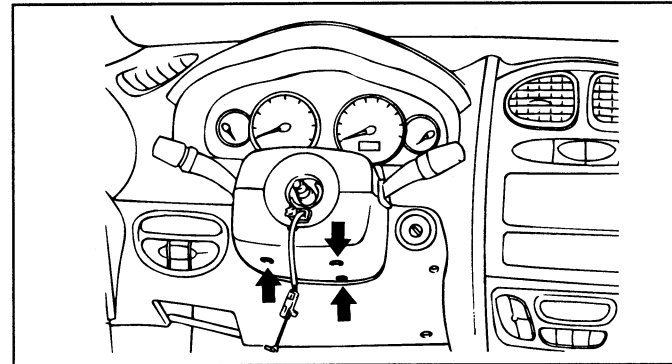
ESJA035P

6. Remove the steering wheel.



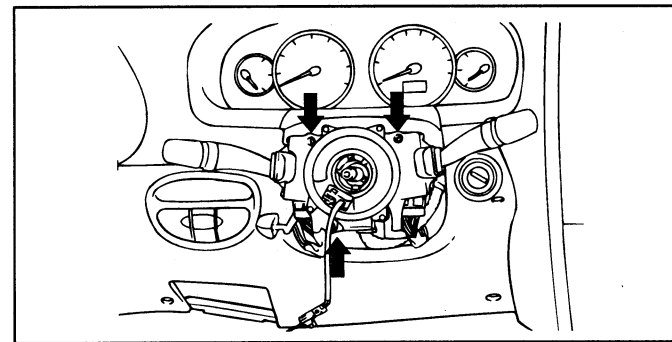
ESJA035B

7. Remove the 3 screws holding the steering column lower shroud and then remove the steering column lower and upper shroud.



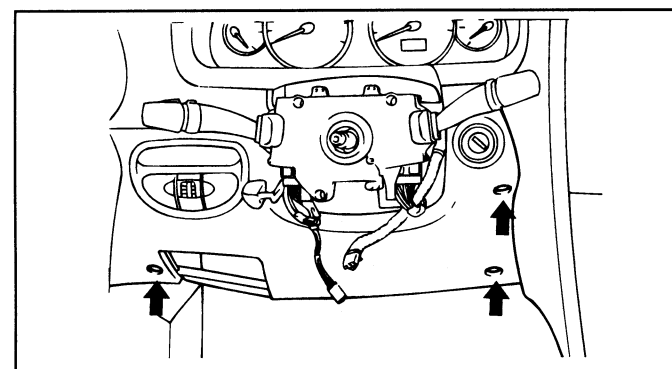
ESJA035C

8. Disconnect and remove the multifunction switch (3 screws).



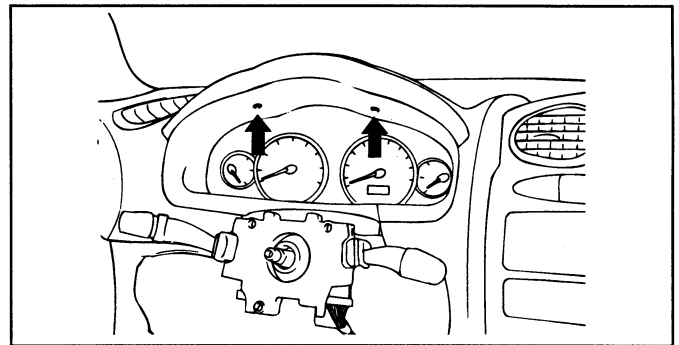
ESJA035D

9. Remove the driver side lower crash pad panel (3 screws) and hood release cable.



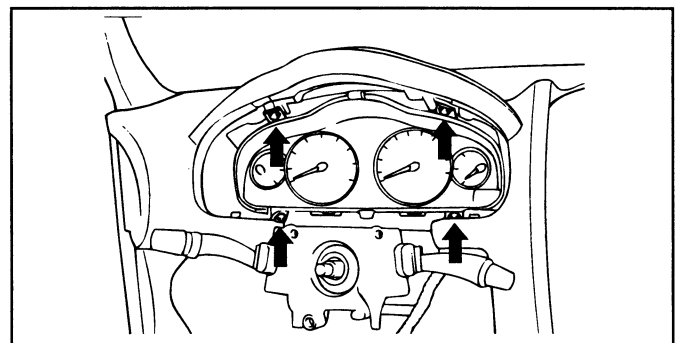
ESJA035E

10. Remove the instrument cluster facia panel (2 screws).



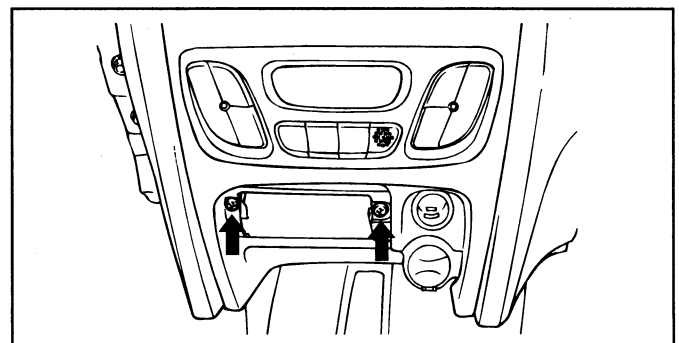
ESJA035F

11. Remove the instrument cluster (4 screws).

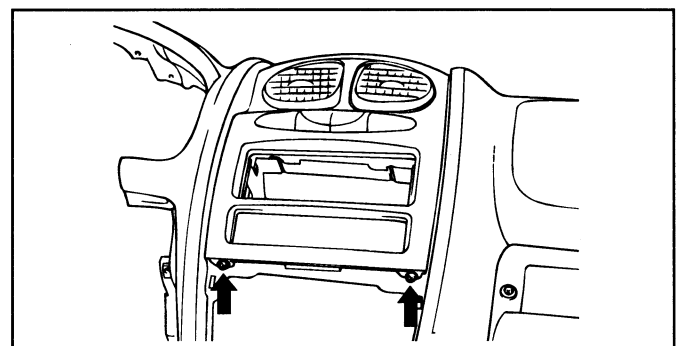


ESJA035G

12. Remove the ash tray and then remove the 4 screws holding the center facia panel.



ESJA035H

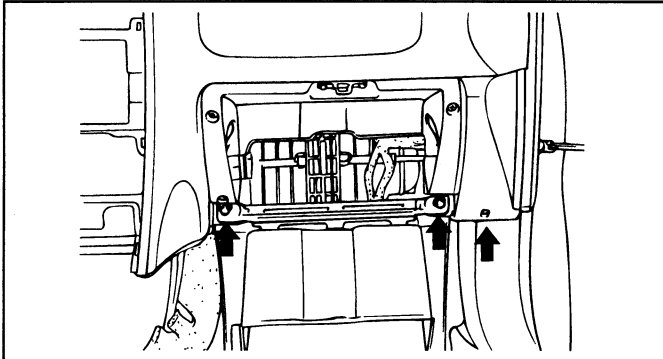


ESJA035J

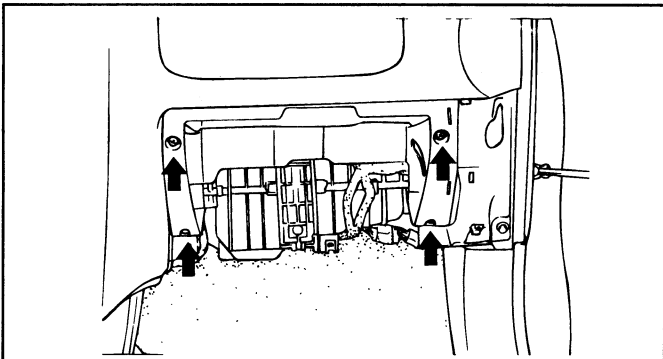
13. Remove the center facia panel and disconnect the connectors.

14. Remove the audio unit.

15. Remove the glove box and the side cover (7 screws).

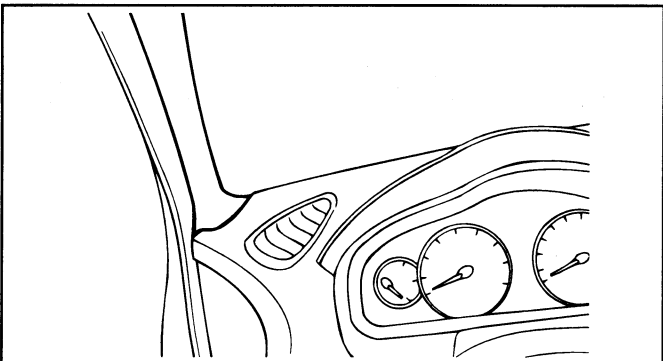


ESJA035K



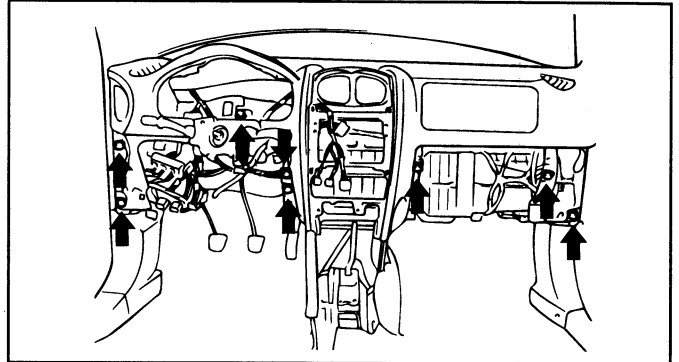
ESJA035L

16. Pry loose the front pillar trim and remove the bolts holding the crash pad.



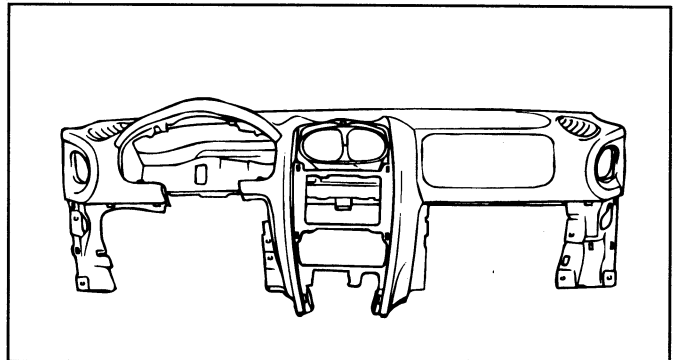
ESJA035O

17. Remove the 8 bolts holding the main crash pad.



ESJA035M

18. Disconnect the connectors and then remove the main crash pad.

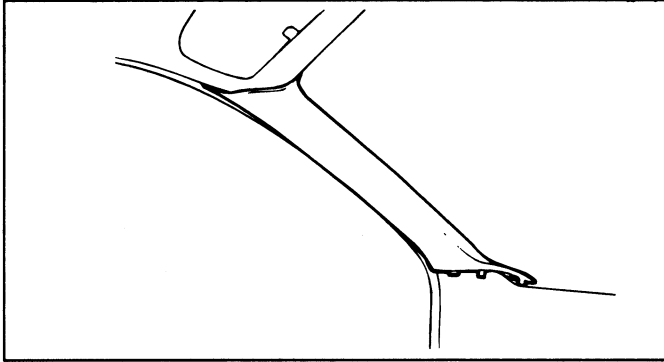


ESJA035N

19. Installation is the reverse of removal. Connect all connectors securely.

**INTERIOR TRIM****REMOVAL** ESJA1200**FRONT PILLAR TRIM**

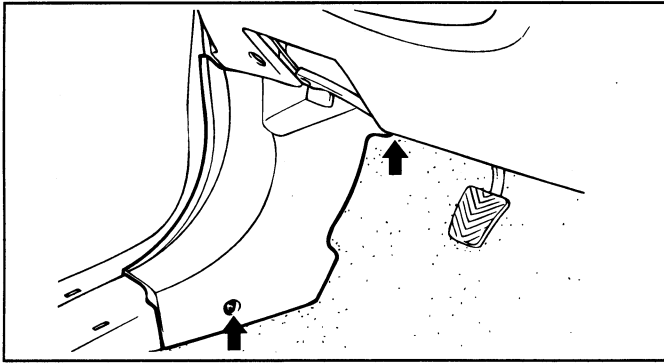
Pry loose the front pillar trim with a screwdriver.



ESJA050A

**COWL SIDE TRIM**

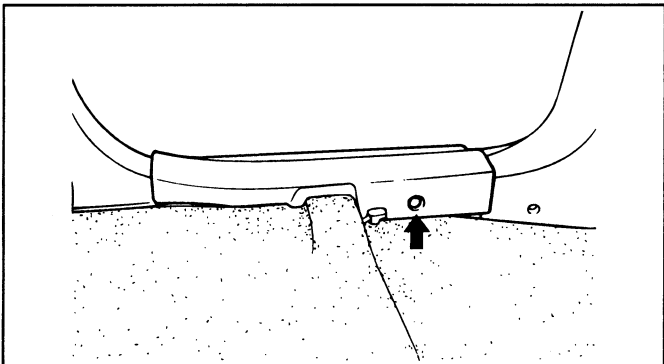
Remove the screws holding the cowl side trim and remove it.



ESJA050N

**FRONT DOOR SCUFF TRIM**

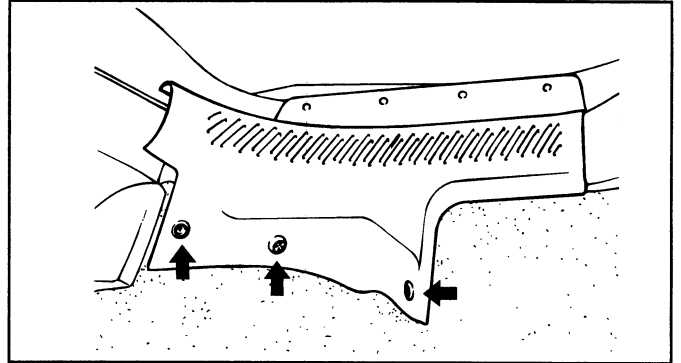
1. Remove the screws holding the front door scuff trim.
2. Remove the front door scuff trim.



ESJA050B

**REAR DOOR SCUFF TRIM**

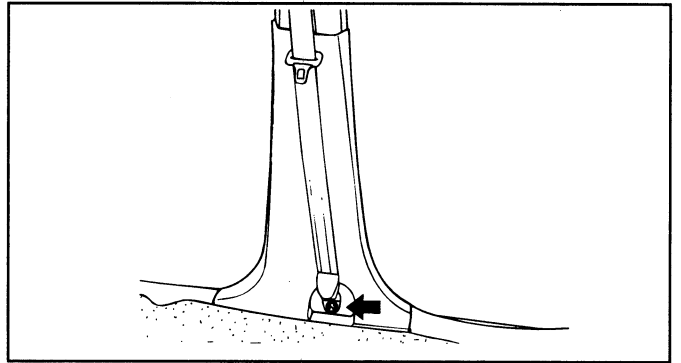
1. Remove the screws holding the rear door scuff trim.
2. Remove the rear door scuff trim.



ESJA050C

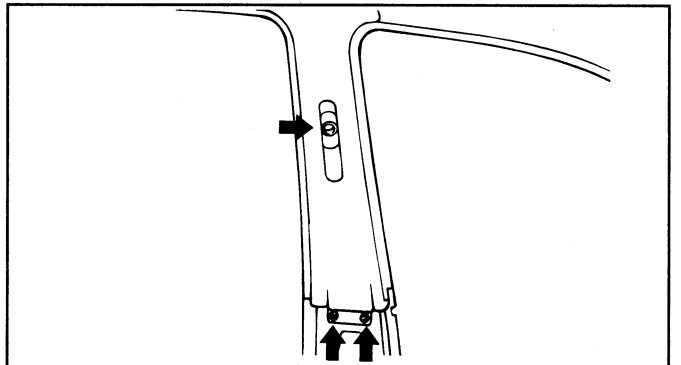
**CENTER PILLAR TRIM**

1. Remove the bolt holding the seat belt lower anchor and pry loose the center pillar lower trim.



ESJA050D

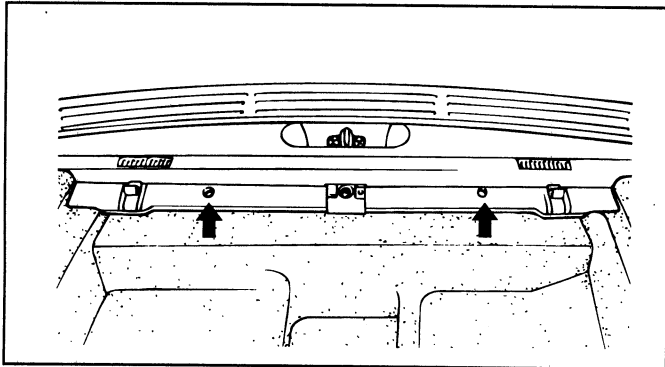
2. Remove the bolt holding the seat belt upper anchor and 2 screws holding the center pillar upper trim.



ESJA051E

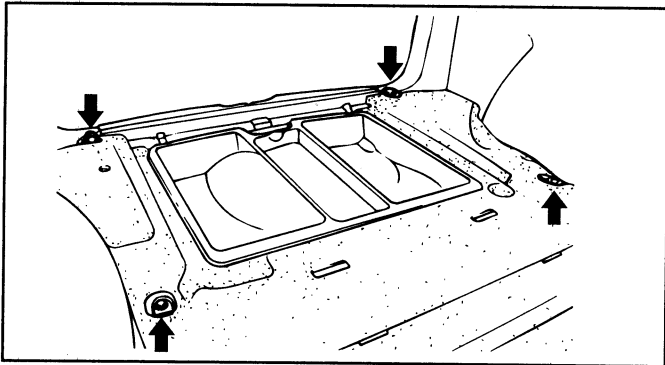
**REAR TRANSVERSE TRIM**

1. Remove the screws holding the rear transverse trim and remove the trim.



ESJA050F

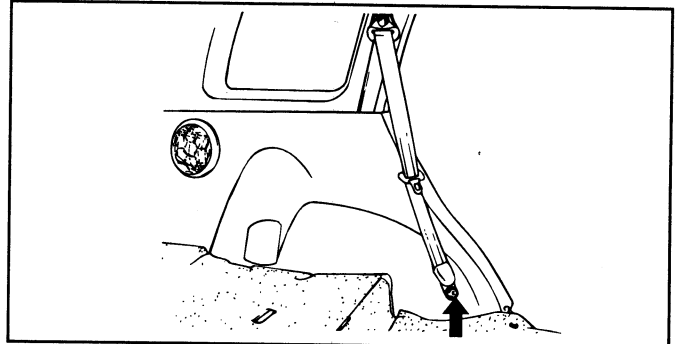
2. Remove the bolts holding the luggage floor under tray assembly.



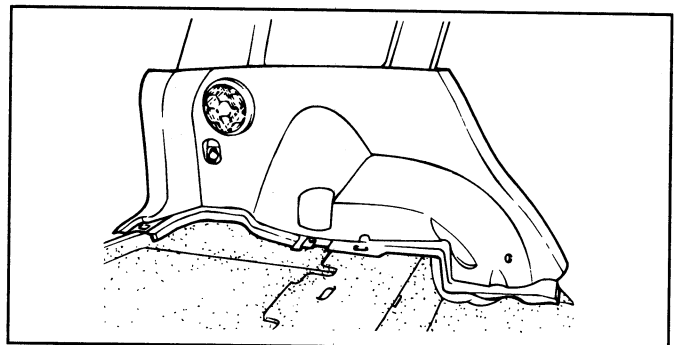
ESJA050G

**QUARTER TRIM**

Remove the bolt holding the rear seat belt lower anchor and pry loose the quarter trim.



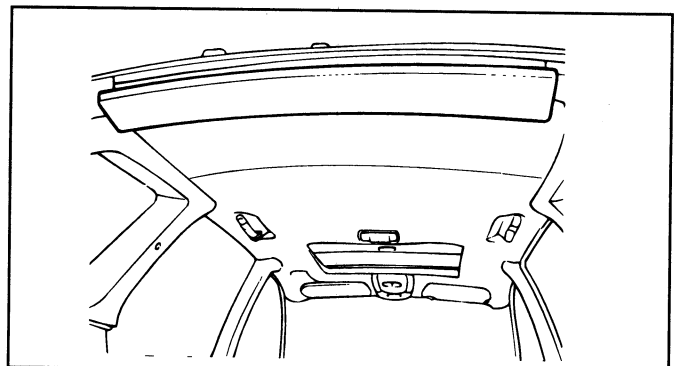
ESJA050H



ESJA050I

**HEADLINING REAR COVER**

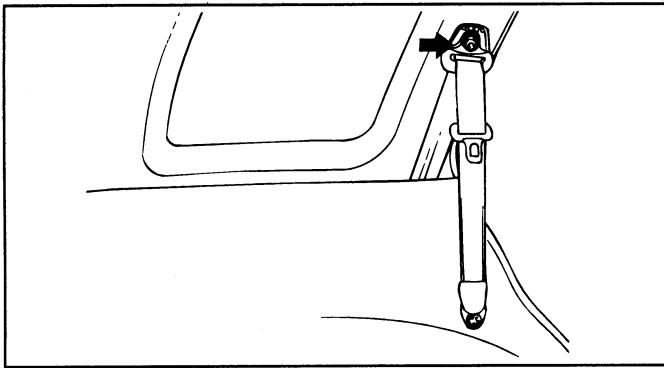
Pry loose the headlining rear cover with a screwdriver.



ESJA050J

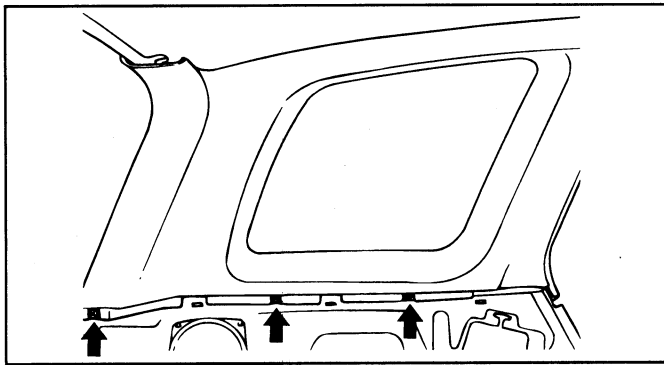
**REAR PILLAR TRIM**

1. Remove the bolt holding the rear seat belt upper anchor.



ESJA050K

2. Remove the 3 screws holding the rear pillar trim and pry loose the trim.

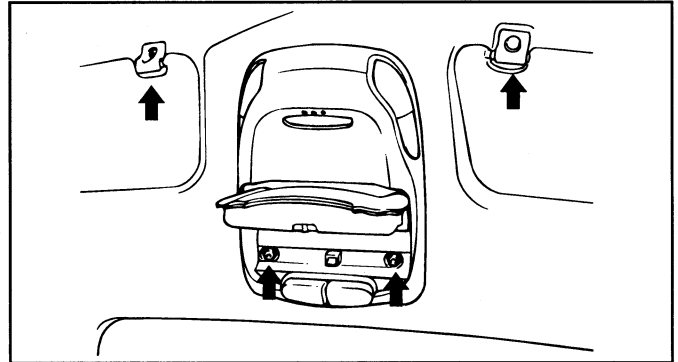


ESJA050L

**HEADLINING**

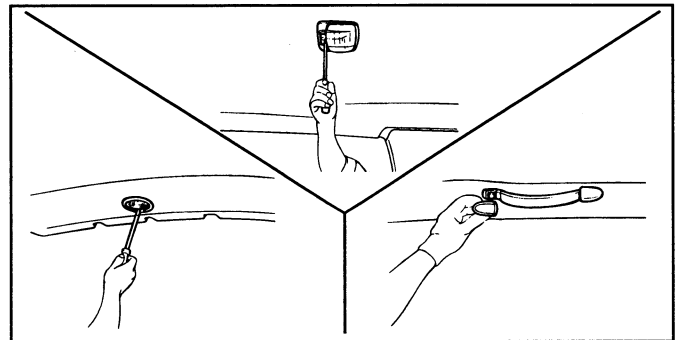
1. To remove the headlining, first remove the following parts :

- Overhead console and sunvisor.



ESJA050M

- Room lamp, luggage lamp and assist grip.

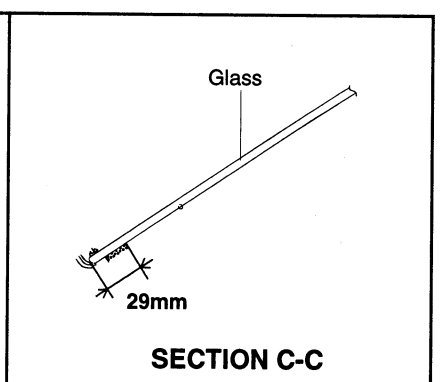
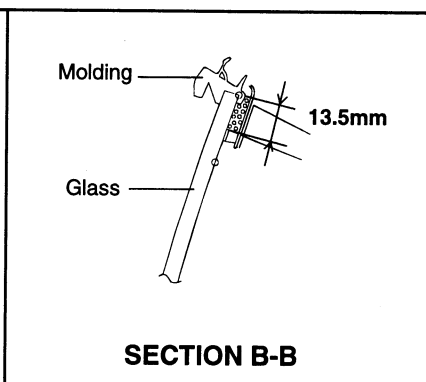
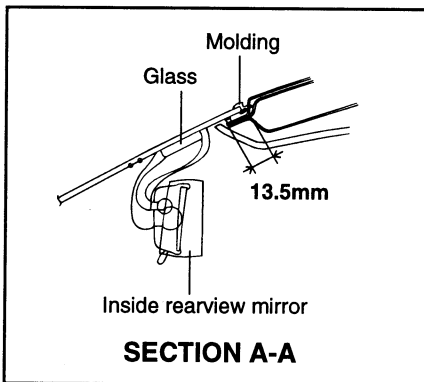
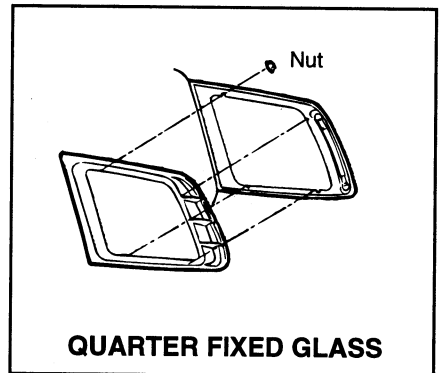
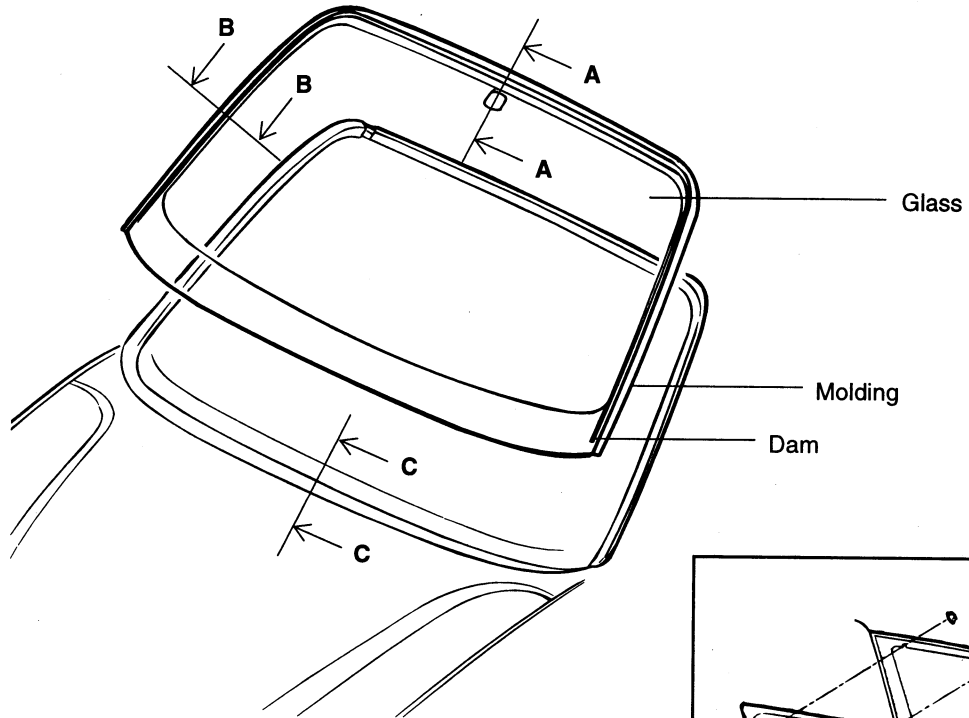


ESHA045H

2. Pry the headliner loose and carefully remove it.
3. Installation is the reverse of removal.

WINDSHIELD GLASS

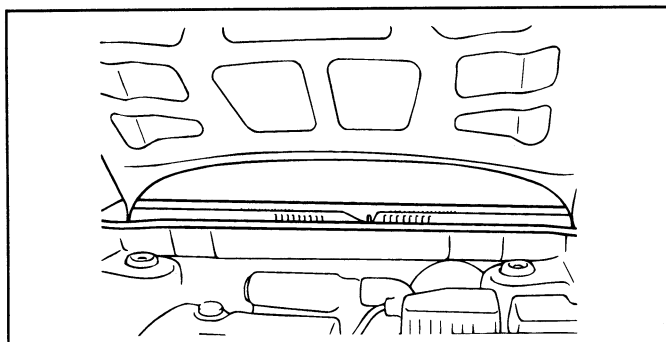
COMPONENTS ESJA1250



**REMOVAL** ESJA1300

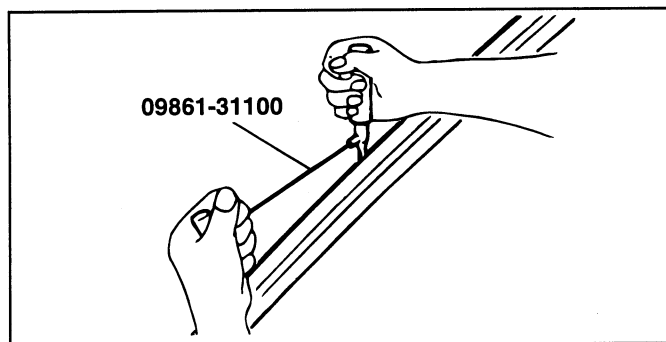
1. To remove the windshield, first remove the following parts :

- 1) Front pillar trim
- 2) Inside rear view mirror
- 3) Wiper arms
- 4) Cowl top cover
- 5) Windshield glass molding



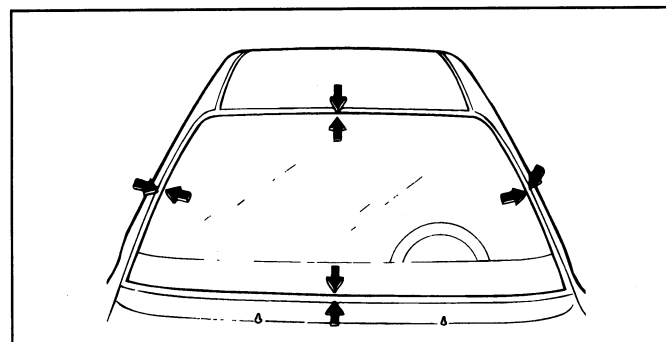
ETJA060G

2. Use the special tool (09861-31100) to cut through the sealant.



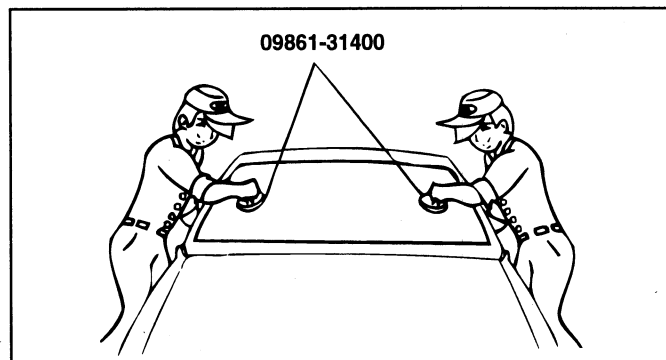
ESDA230B

3. Make mating marks on the glass and body if the glass is to be reinstalled.



X60-026A

4. Take out the windshield glass with the special tool(09861-31400).



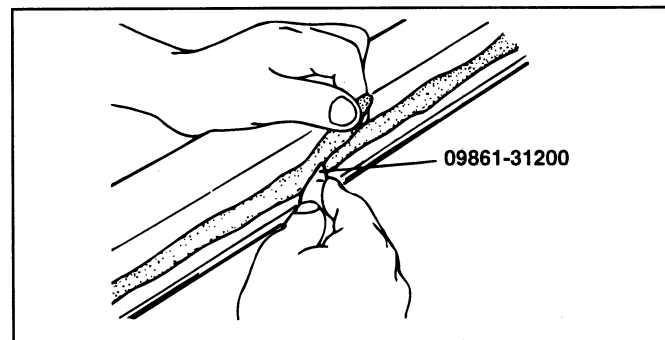
ESDA230D

**INSTALLATION** ESJA1350

1. Using a knife or the special tool(09861-31200), cut the old sealant smoothly to a thickness of about 2 mm (0.08 in.) on the bonding surface around the entire windshield flange.

**CAUTION**

**Be careful not to remove more adhesive than necessary, and also not to damage the paintwork on the body surface with the knife. If the paintwork is damaged, repair the damaged area with touch-up paint.**

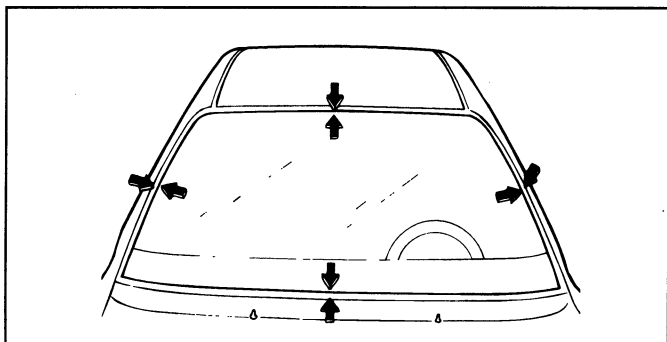


ESDA235B

2. Clean the body bonding surface with a sponge dampened in alcohol, or wax and grease remover.



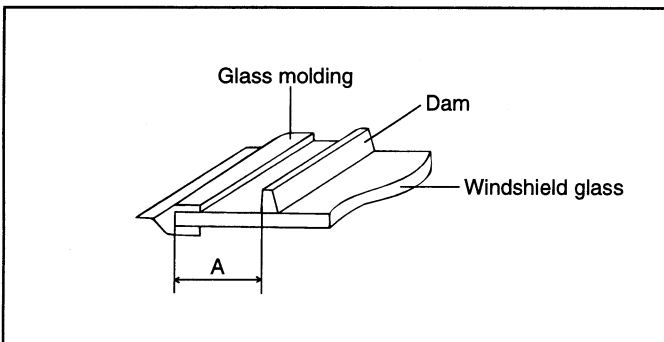
- Center the new windshield glass in the opening. Mark the location by marking lines across the glass and body with a grease pencil at the four points as shown.



X60-026A

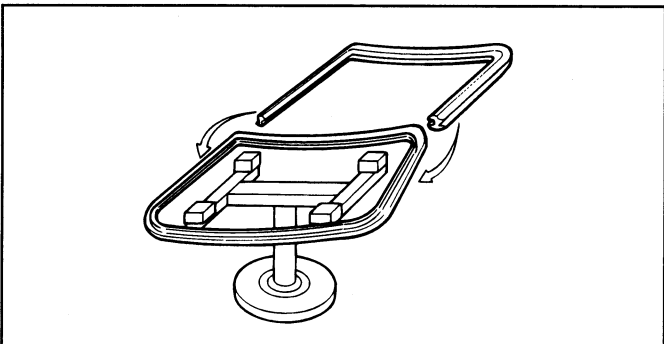
- Glue the rubber dam to the inside surface of the windshield glass around the entire edge as shown, to contain the sealant during installation.

Part	"A"	Remarks
Upper	13.5mm constant	Glass molding sub
Side		



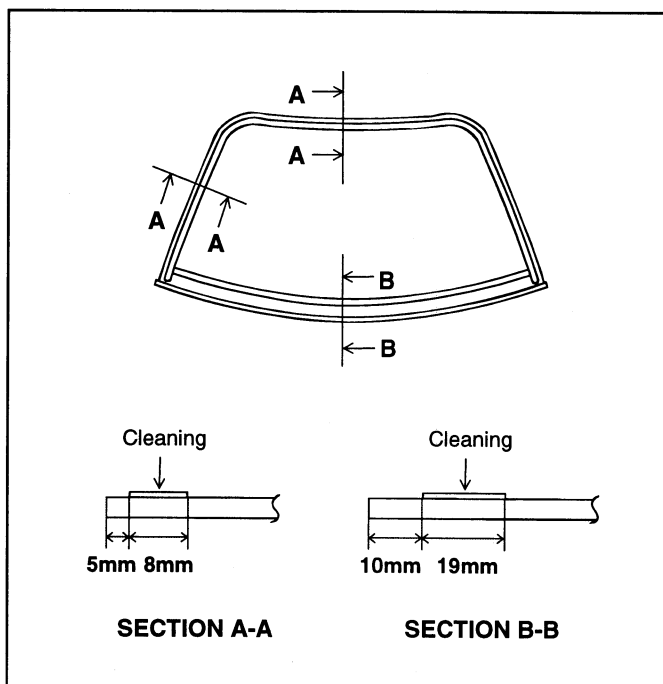
ESHA050E

- Install the windshield glass molding. Do not allow any gaps.



X60-027A

- Clean the surface applying primer with alcohol.

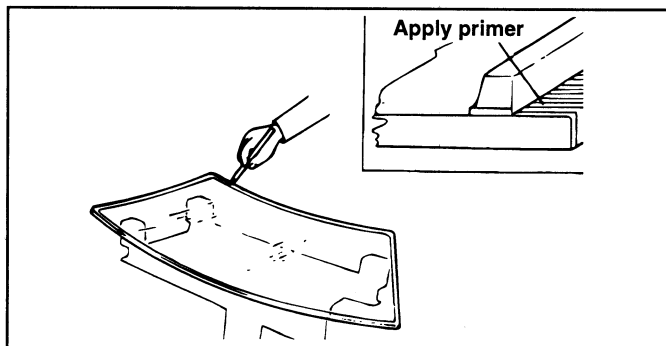


ESJA015I

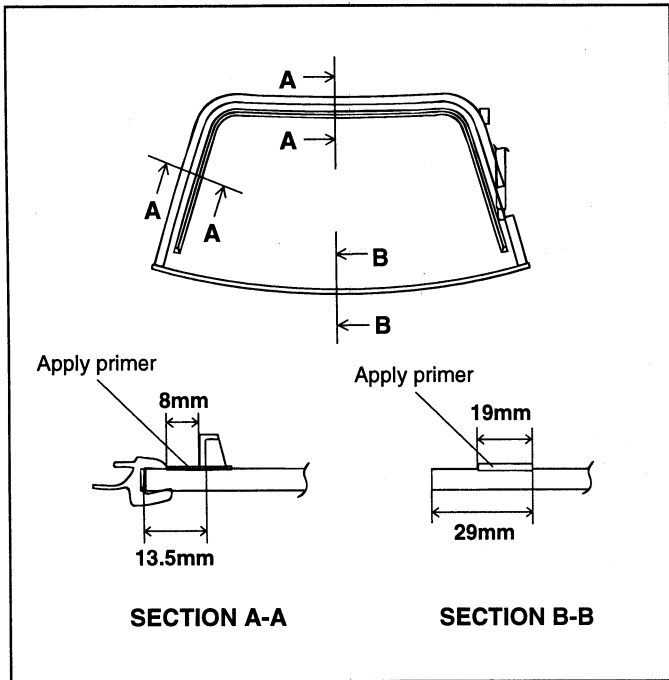
- Apply a light coat of glass primer to the outside of the dam.

**NOTE**

- Never touch the surface with your hand after you have applied primer. If you do, the adhesive may not bond to the glass properly, causing a leak after the windshield glass is installed.
- Do not apply body primer to the glass.
- Keep water, dust, and abrasive materials away from the primer.

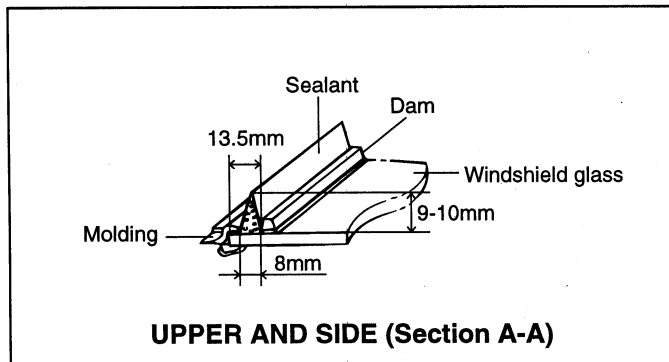


ESDA235E

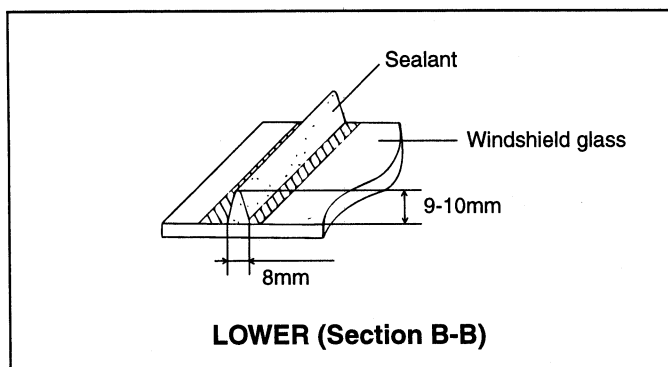


ESJA015J

8. Apply sealant around the edge of the glass.



ESJA110N



ESJA110P

**NOTE**

Apply the adhesive within 5 minutes after applying the primer.

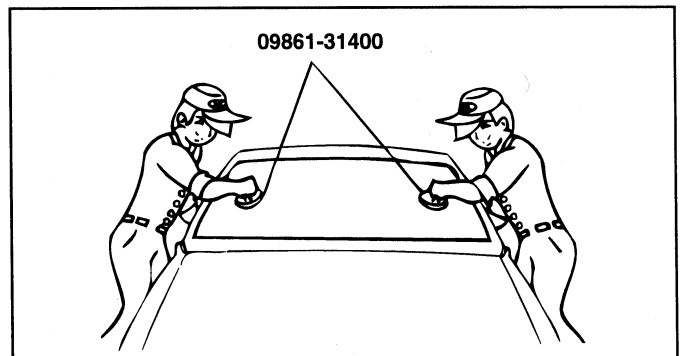
9. Apply a light coat of body primer to the original sealant remaining around the window opening flange. The glass should be installed within 10 minutes after you apply the primer.



ESDA235F

10. Using suction cups or the special tool (09861-31400), lower the glass over the opening, align it with the marks made in step 3 and set it down on the sealant.

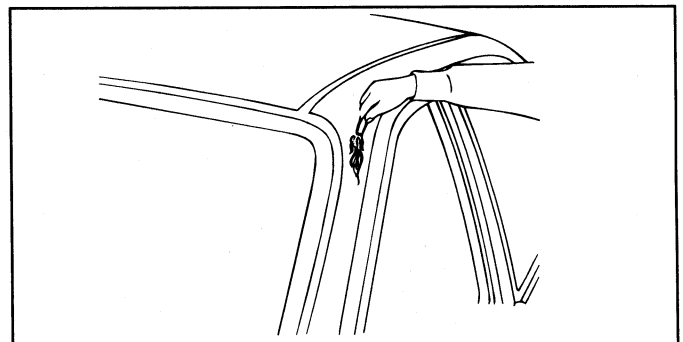
11. Remove excess adhesive with a putty knife or gauze. Fill any cavities around the windshield glass.



ESDA230D

12. After one hour, perform a water-leak test for the windshield. Use a cold water spray, being careful not to direct a powerful stream of water on the new adhesive material. Allow water to spill over the edges of the glass.

13. If there are leaks, dry the affected area, then apply sealant.



ESDA235G

14. Install the removed parts.

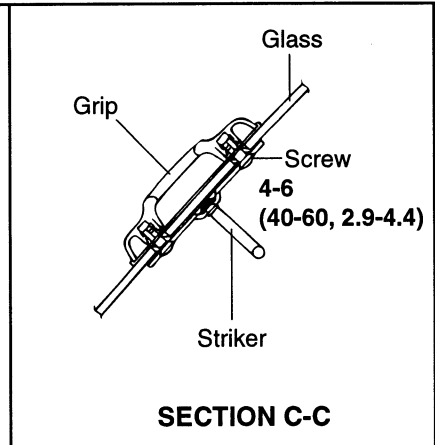
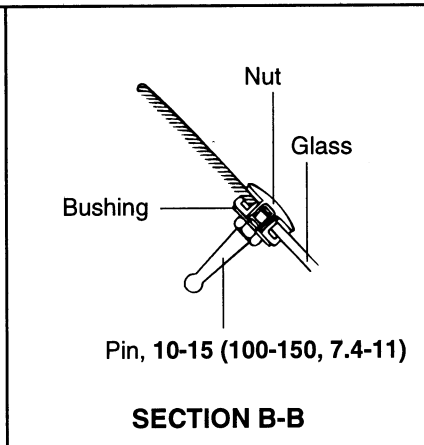
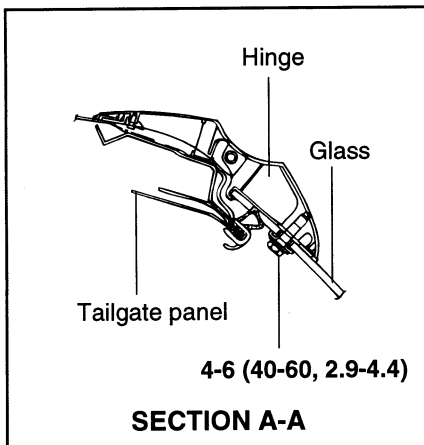
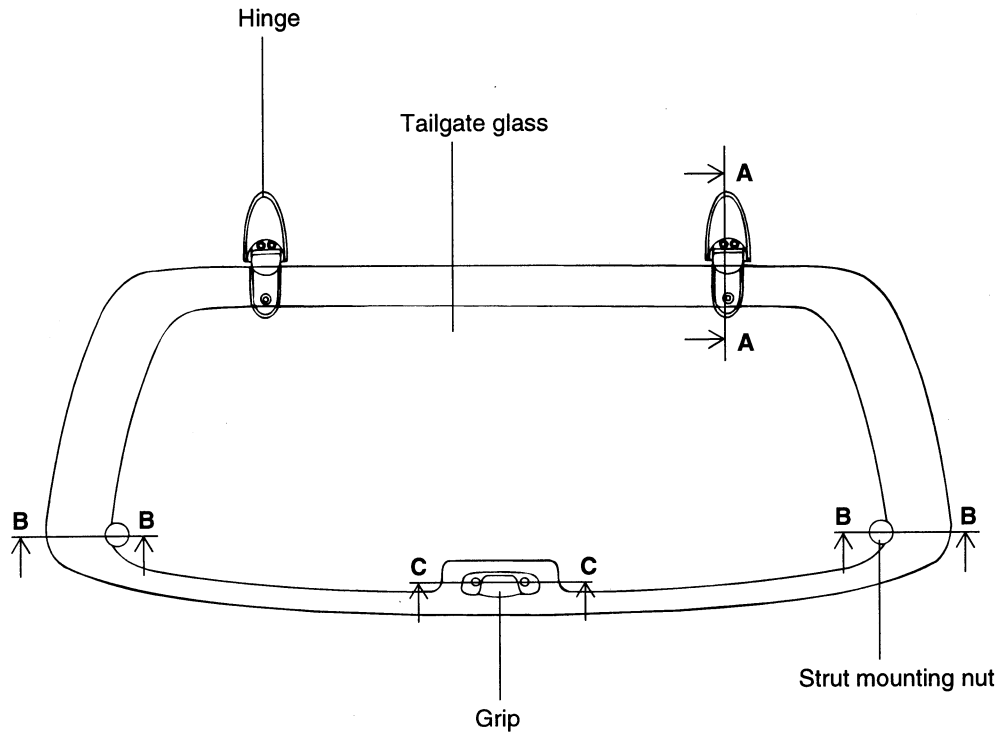
**CAUTION**

1. **Keep the windshield dry for the first hour after installation.**
2. **Let the car stand for at least four hours after windshield installation. If the car has to be used within the first 8 hours, it must be driven slowly.**
3. **Take care not to slam the doors with all the windows rolled up.**
4. **Take care not to stress the body (such as when going in and out of driveways at an angle or driving over rough, uneven roads).**

TAILGATE GLASS

COMPONENTS

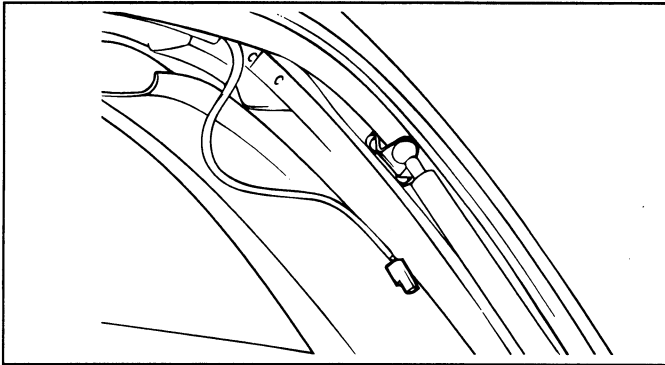
ESJA1500



TORQUE : Nm (kg.cm, lb.ft)

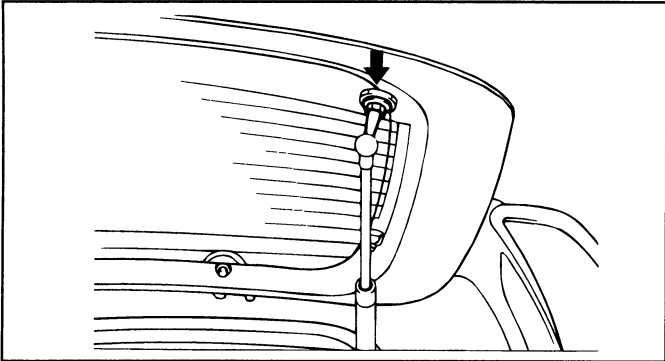
**REMOVAL** ESJA1550

1. Remove the heater connector from the tailgate glass.



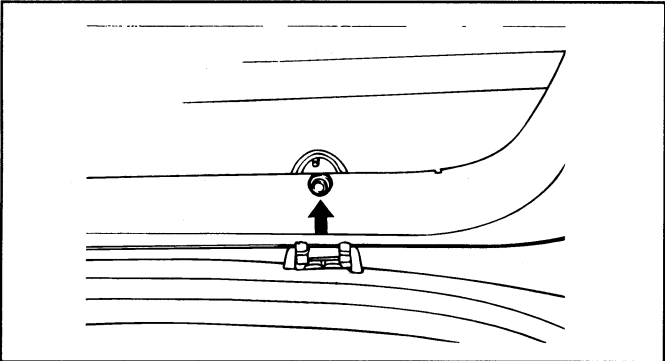
ESJA020E

2. Loosen the nuts holding the tailgate glass strut.



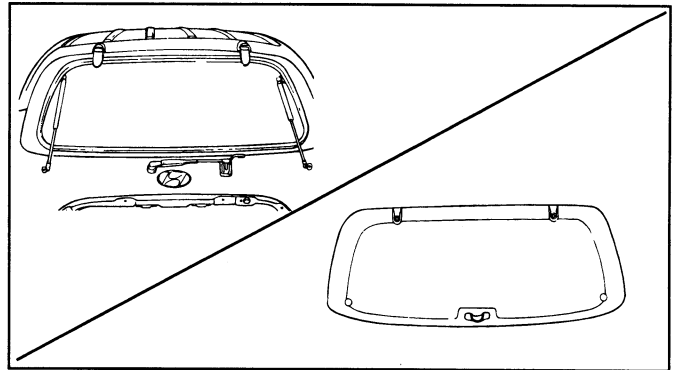
ESJA020F

3. Loosen the bolts holding the tailgate glass hinge.



ESJA020G

4. Remove the tailgate glass.



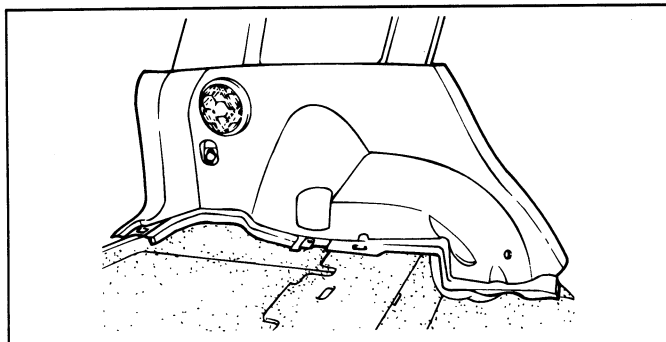
ESJA100J

## QUARTER GLASS

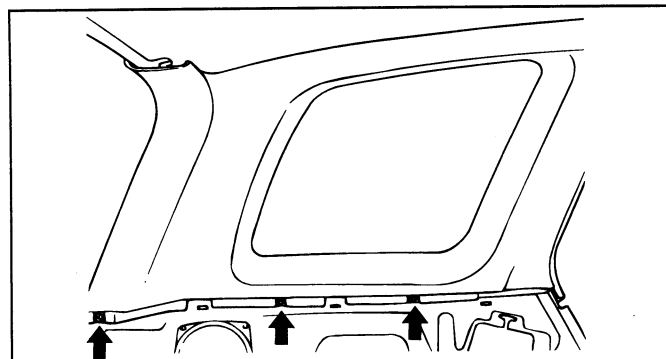
### REMOVAL

ESJA1400

1. Remove the quarter trim and the rear pillar trim.

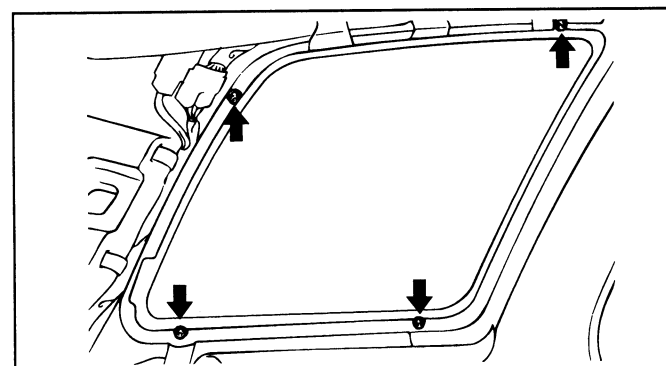


ESJA050I



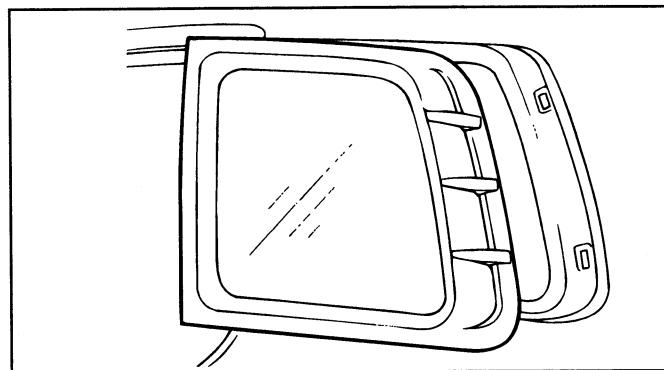
ESJA050L

2. Remove the nuts holding the quarter fixed glass.



ESJA055A

3. Remove the quarter fixed glass.

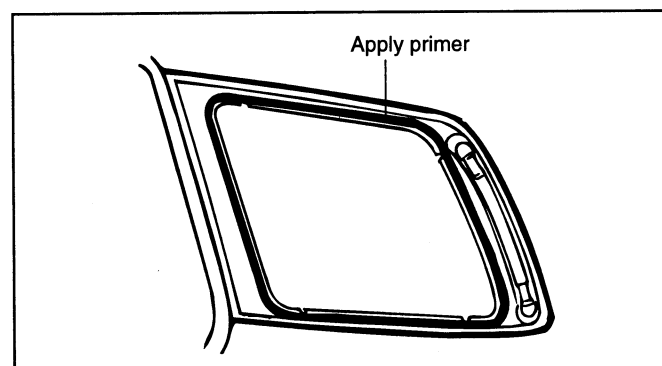


ESJA055B

### INSTALLATION

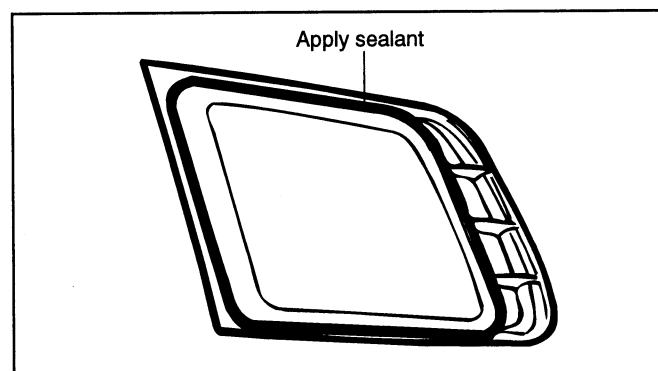
ESJA1450

1. Using a knife or the special tool (09861-31200), scrape the old sealant smoothly to a thickness of about 2mm (0.08in.)
2. Clean the body bonding surface with a sponge dampened in alcohol or grease remover.
3. Apply primer to the body bonding surface.



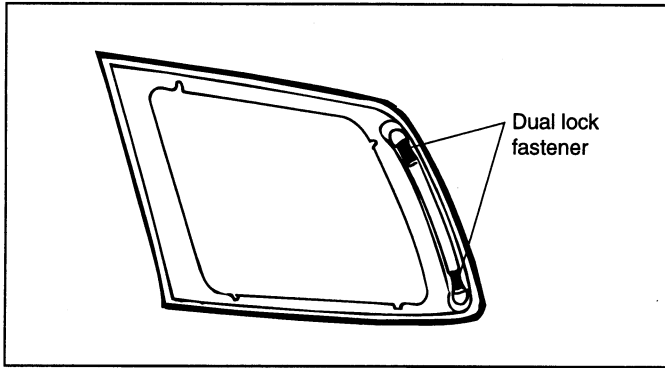
ESJA015K

4. Clean the surface of quarter fixed glass and then apply primer.
5. Apply sealant to the quarter fixed glass.



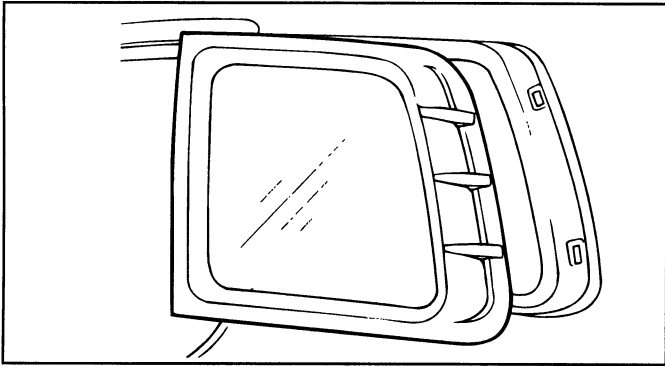
ESJA015L

6. Fasten a dual lock fastener to the quarter panel.



ESJA015M

7. Install the quarter fixed glass.

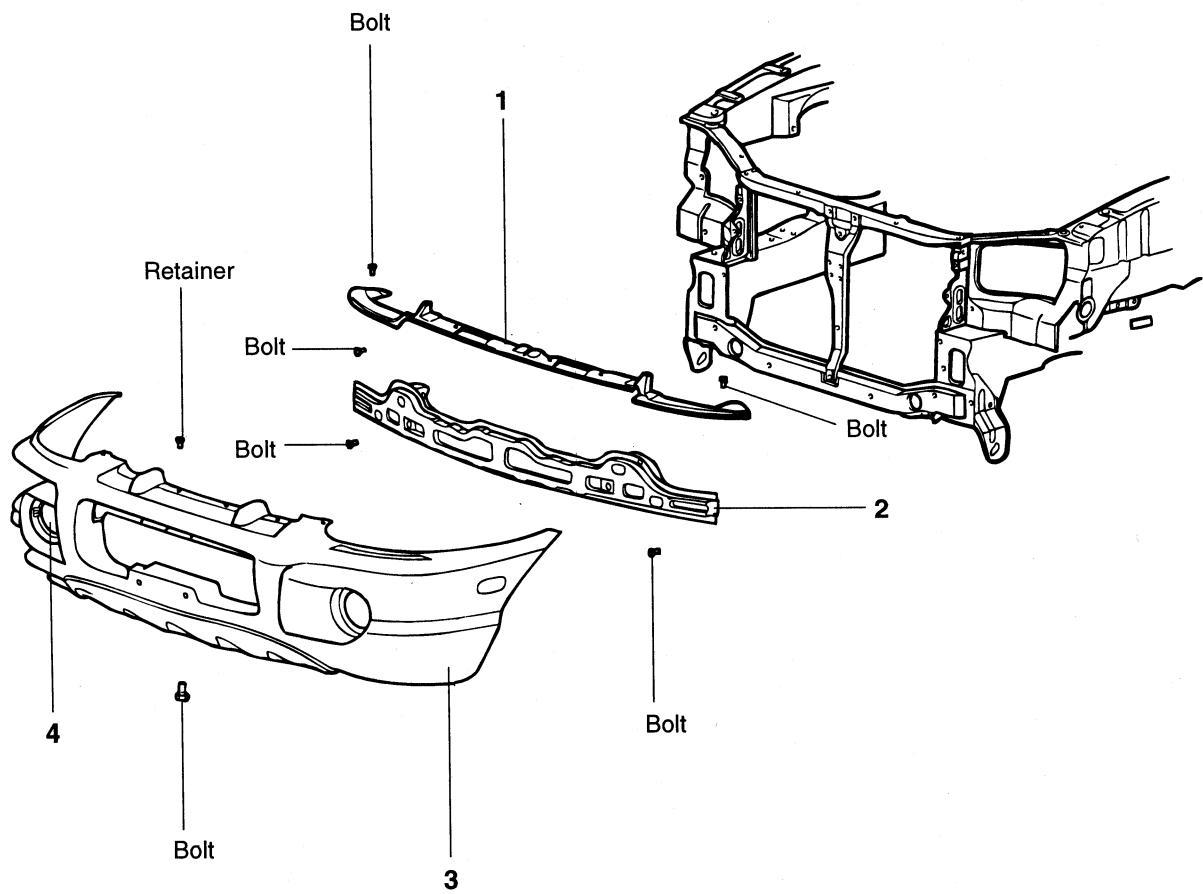


ESJA055B

# BUMPER

## FRONT BUMPER

### COMPONENTS ESJA1600

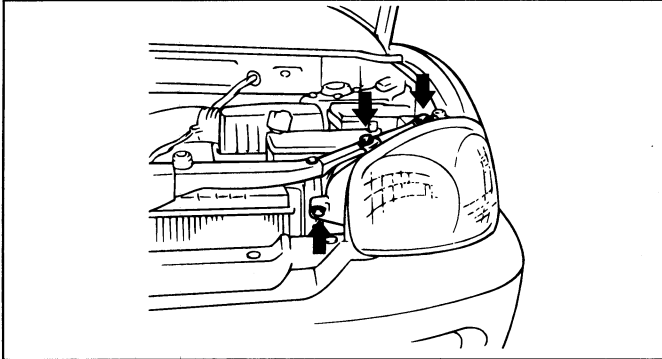


- 1. Front bumper support
- 2. Front bumper rail
- 3. Front bumper cover
- 4. Fog lamp



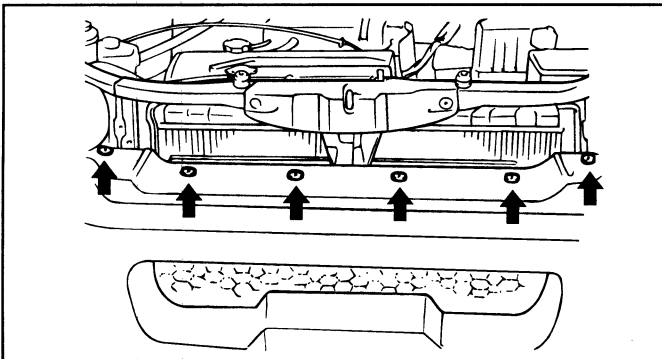
**REMOVAL AND INSTALLATION** ESJA1650

1. Disconnect the leads to the turn signals and head-lamps.
2. Remove the turn signal lamps and head lamps.



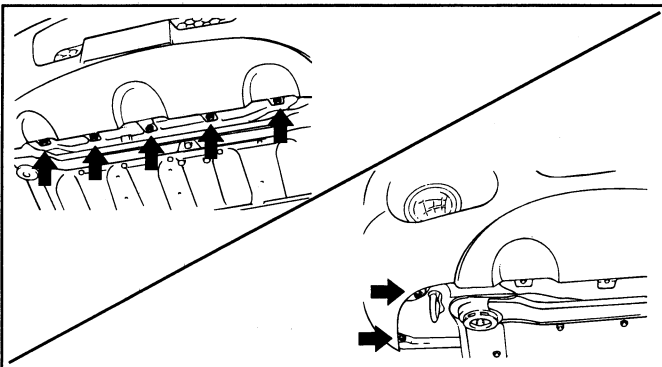
ESJA005B

3. Remove the screws holding the front bumper cover.



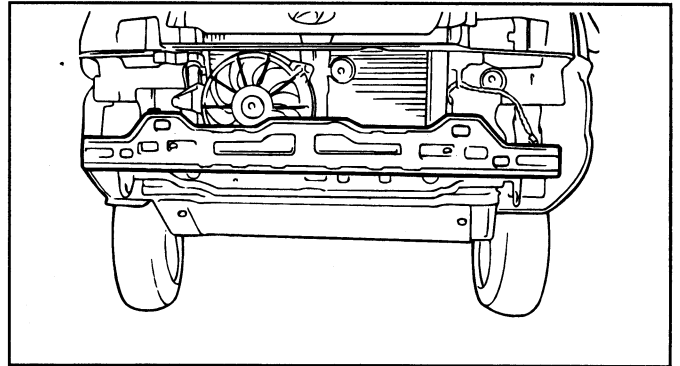
ESJA005C

4. Raising the vehicle, remove the bolts holding the front bumper cover and the front wheel guard.



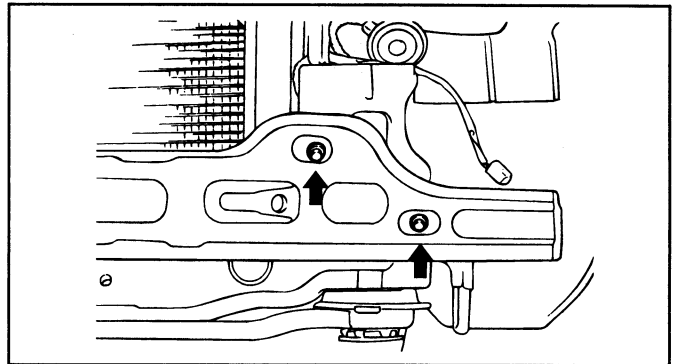
ESJA100K

5. Remove the front bumper cover and the bumper energy absorber.



ESJA005F

6. Remove the front bumper rail.

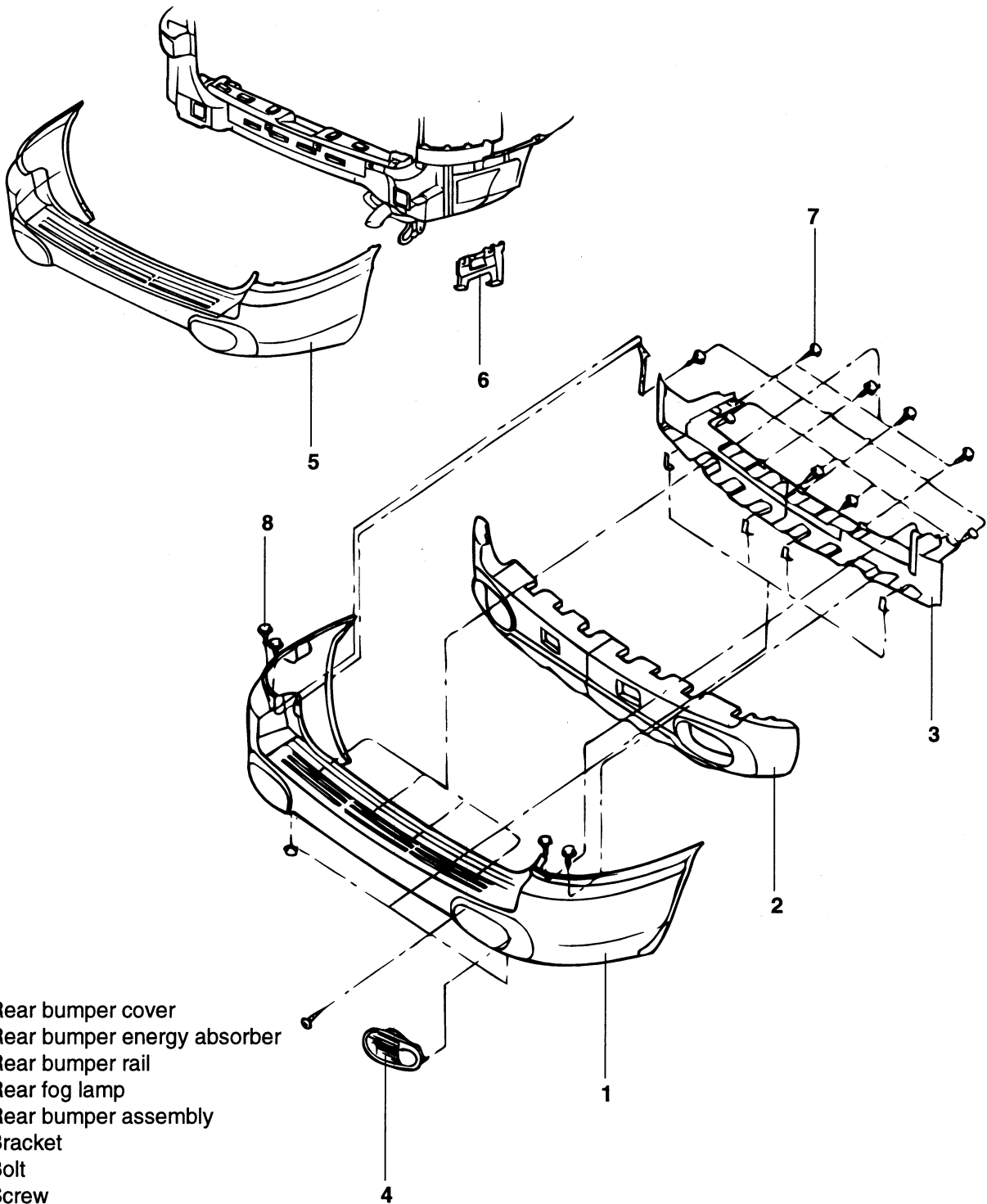


ESJA005G

7. Installation is the reverse of removal.

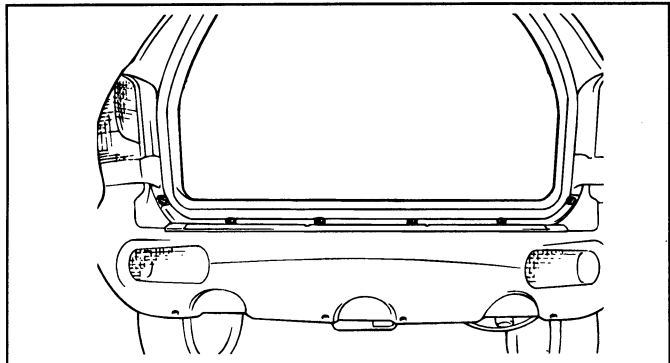
REAR BUMPER

COMPONENTS ESJA1710



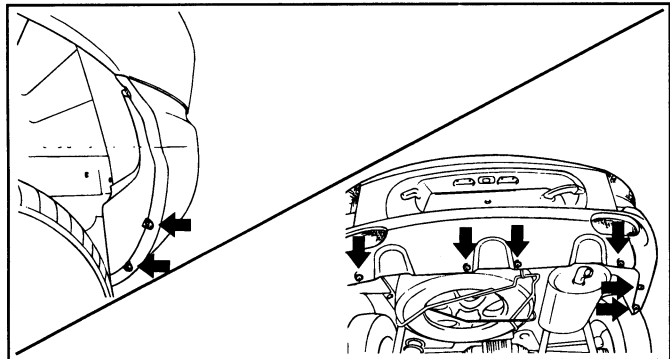
**REMOVAL AND INSTALLATION** ESJA1750

1. Remove the screws holding the rear bumper cover.



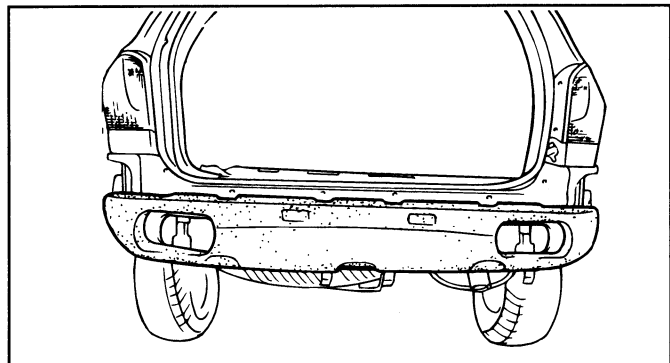
ESJA010C

2. Raising the vehicle, remove the screws holding the rear bumper cover and the rear wheel guard.



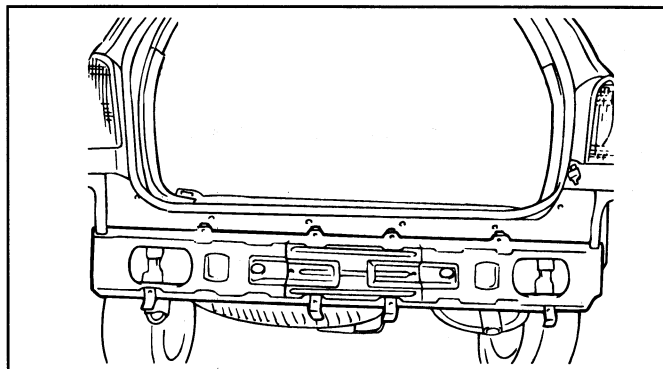
ESJA100M

3. Remove the energy absorber.



ESJA010F

4. Remove the rear bumper rail.



ESJA010G

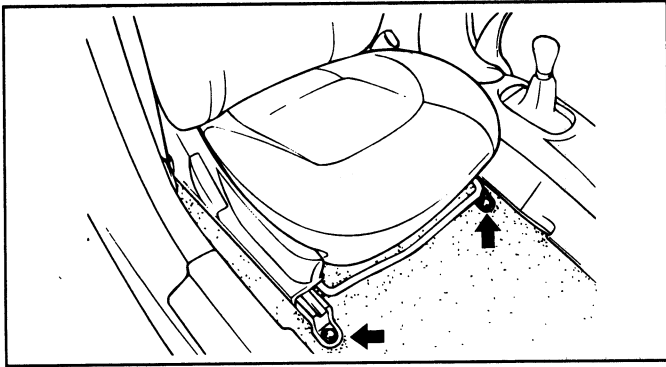
5. Installation is the reverse of removal.

## SEAT

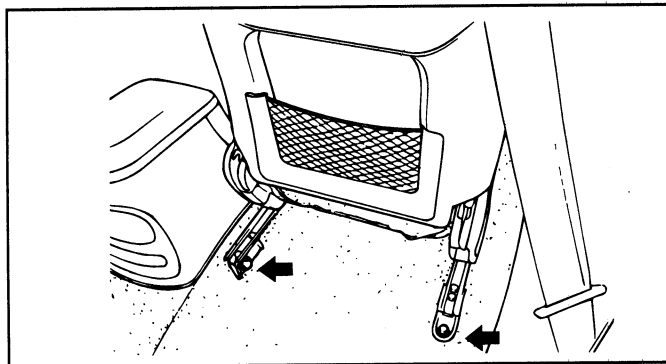
### FRONT SEAT

#### REMOVAL AND INSTALLATION ESJA1800

1. Remove the bolts holding the front seat and then remove the front seat assembly.



ESJA070A



ESJA070B

#### Tightening torque

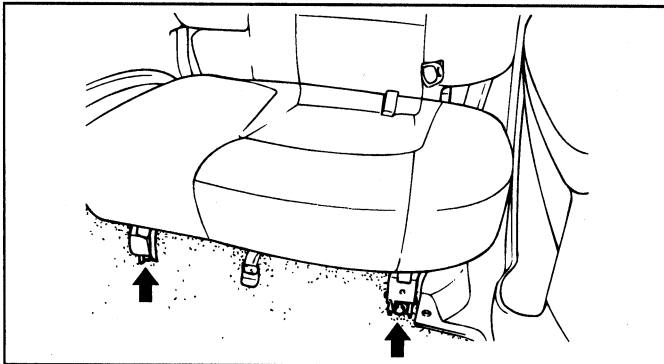
Front seat mounting bolts :

35-55 Nm (350-550 kg·cm, 25.4-40 lb·ft)

2. Installation is the reverse of removal.

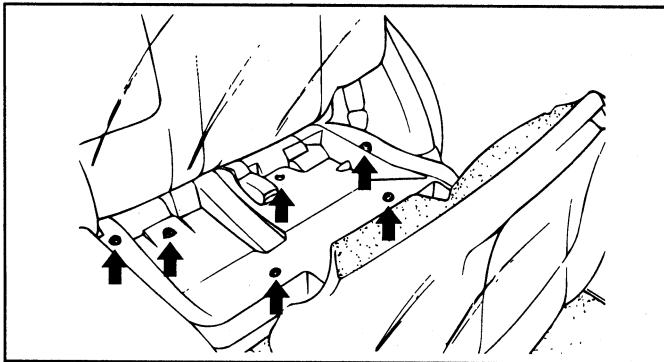
**REAR SEAT****REMOVAL AND INSTALLATION** ESJA1850

1. Remove the bolts holding the rear seat.



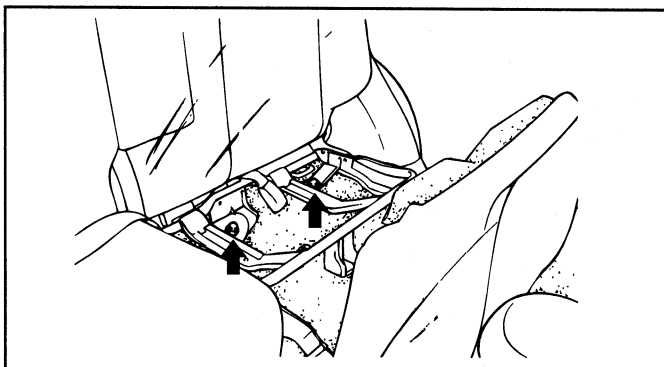
ESJA070C

2. After pulling up the rear seat cushion, remove the screws holding the cushion cover and remove it.



ESJA070D

3. Remove the bolts holding the rear seat and then remove the rear seat assembly.



ESJA070E

**Tightening torque**

Rear seat mounting bolts :

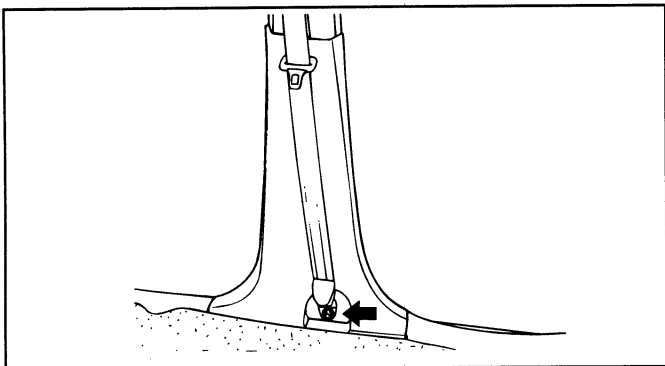
35-55 Nm (350-550 kg-cm, 25.4-40 lb-ft)

4. Installation is the reverse of removal.

## FRONT SEAT BELT

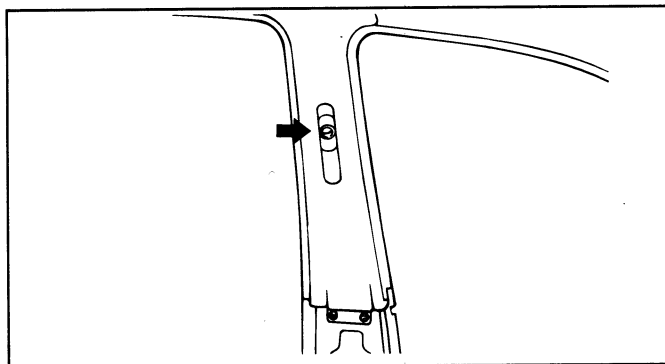
REMOVAL AND INSTALLATION ESJA1900

1. Remove the seat belt lower anchor bolt and pry loose the center pillar lower trim.



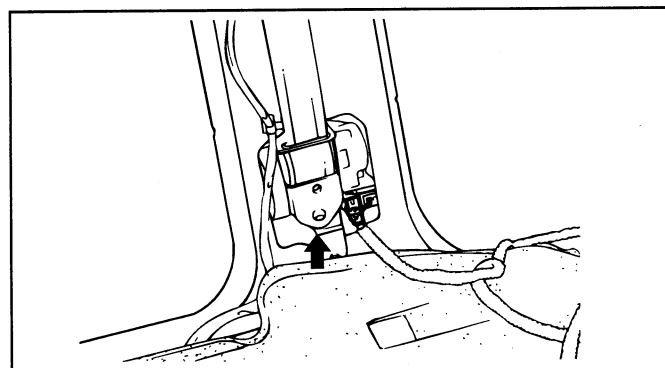
ESJA050D

2. Remove the seat belt upper anchor bolt.



ESJA050E

3. In case of vehicles equipped with pretensioner seat belt, disconnect the negative (-) battery terminal and disconnect the connector from the gas generator and then remove the retractor.



ESHA040J

## Tightening torque

Front seat belt lower and upper anchor bolts :

40-55 Nm (400-550 kg·cm, 28.9-39.8 lb·ft)

Front seat belt retractor :

40-55 Nm (400-550 kg·cm, 28.9-39.8 lb·ft)

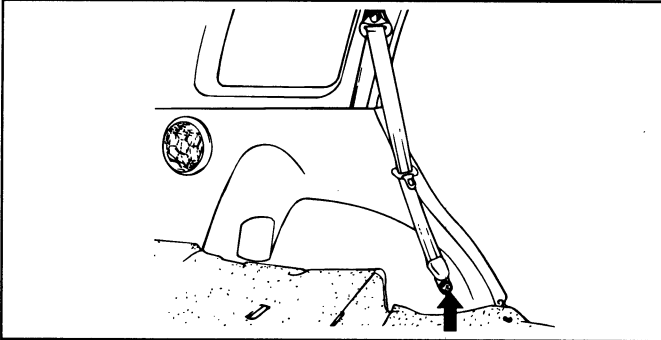
4. Installation is the reverse of removal.

## CAUTION

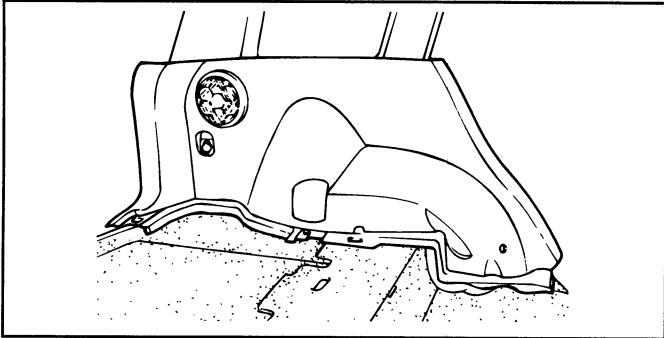
1. A pretensioner functions one time only. Be sure to replace the pretensioner seat belt after it is deployed.
2. Do not attempt to disassemble or repair the seat belt pretensioner. If it malfunctions, replace it with a new pretensioner seat belt.
3. Be cautious in handling a pretensioner seat belt, and do not expose it to water or oil. If crushed, damaged, or deformed, replace it with a new one.
4. Connect the battery only after the installation of the pretensioner seat belt has been correctly completed.
5. Removal of the pretensioner seat belt :
  - Make sure that the ignition is "Off".
  - Disconnect the negative (-) battery terminal and make sure it does not come into contact with the body.
  - Wait for about 1 minute.
  - Pull the plug from the connector at the gas generator.
  - Loosen the bolt and remove the belt from the vehicle body.

**REAR SEAT BELT****REMOVAL AND INSTALLATION** ESJA1950

1. Remove the rear seat belt lower anchor bolt and remove the quarter trim.

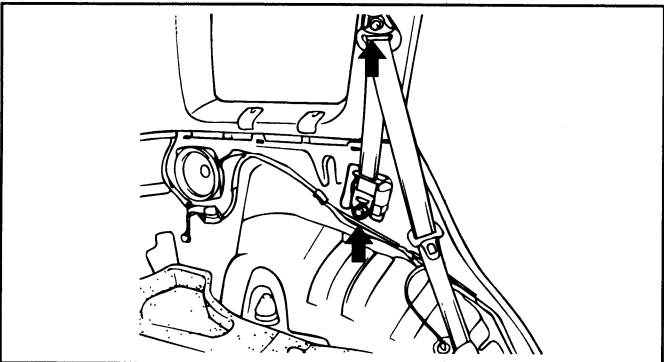


ESJA050H



ESJA050I

2. Remove the rear seat belt retractor.



ESJA050O

**Tightening torque**

Rear seat belt lower and upper anchor bolts :

40-55 Nm (400-550 kg·cm, 28.9-39.8 lb·ft)

Rear seat belt retractor :

40-55 Nm (400-550 kg·cm, 28.9-39.8 lb·ft)

3. Installation is the reverse of removal.