

Body (Interior & Exterior)

GENERAL	BD - 2
EXTERIOR	BD - 7
INTERIOR	BD -24
BUMPER	BD -43
SEAT	BD -48

GENERAL

SPECIFICATIONS

ESNB0050

Hood Type	Rear hinged, front opening type
Front door Construction Regulator system Locking system	Front hinged, full door construction X-arm type Pin-fork system
Rear door Construction Regulator system Locking system	Front hinged, full door construction Wire drum type Pin-fork system
Tailgate Type	Inner hinged, gas lifter type
Glass thickness mm (in) Windshield glass Front door glass Rear door glass Rear fixed glass Tailgate glass	5 (0.20) 3.2 (0.13) 3.2 (0.13) 3.5 (0.14) 3.5 (0.14)
Seat belt Driver side Passenger side and outboard rear side Rear center	3 point type with E.L.R (Emergency Locking Retractor) 3 point type with E.L.R (Emergency Locking Retractor) 2 point type with static

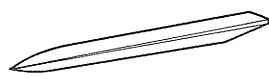
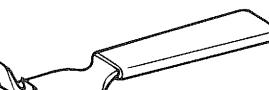
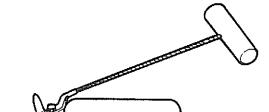
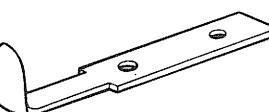
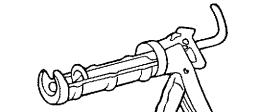
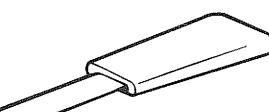
TIGHTENING TORQUE

ESNB0100

	Nm	kg·cm	lb·ft
Front and rear doors			
Door hinge to body	34-42	340-420	25.31
Door hinge to door	22-27	220-270	16.2-20
Door checker to door	8-12	80-120	5.9-8.8
Door checker to body	23-33	230-330	16.9-24.3
Door glass mounting bolts	8-12	80-120	5.9-8.8
Door window regulator mounting bolts	8-12	80-120	5.9-8.8
Front and rear channel mounting bolts	8-12	80-120	5.9-8.8
Door striker mounting bolts	17-22	170-220	12.5-16.2
Tailgate			
Tailgate hinge to body	7-9	70-90	5.2-6.6
Tailgate hinge to tailgate	7-9	70-90	5.2-6.6
Tailgate striker mounting bolts	9-14	90-140	6.6-10.3
Tailgate lifter ball joint mounting nuts	22-27	220-270	16.2-20
Hood			
Hood hinge to body	22-27	220-270	16.2-20
Hood hinge to hood	22-27	220-270	16.2-20
Hood latch to body	7-11	70-110	5.2-8.1
Seat belt			
Front seat belt upper anchor	40-55	400-550	29.5-40.6
Front seat belt lower anchor	40-55	400-550	29.5-40.6
Front seat belt retractor	40-55	400-550	29.5-40.6
Height adjuster	40-55	400-550	29.5-40.6
Rear seat belt upper anchor	40-55	400-550	29.5-40.6
Rear seat belt lower anchor	40-55	400-550	29.5-40.6
Rear seat belt retractor	40-55	400-550	29.5-40.6
Seat			
Front seat mounting bolts	35-55	350-550	25.8-40.6
Rear seat mounting bolts	35-55	350-550	25.8-40.6

SPECIAL TOOLS

ESHA0100

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

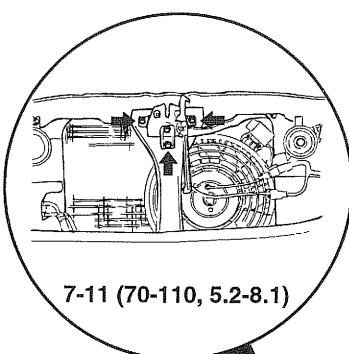
Trouble symptom	Probable cause	Remedy
Wind noise around door	Weatherstrip not holding firmly	Adjust fit of door
	Improperly installed weatherstrip	Repair or replace
	Improperly closed door	Adjust
	Improperly fit door	Adjust
	Improper clearance between door glass and division channel	Adjust
	Deformed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

EXTERIOR

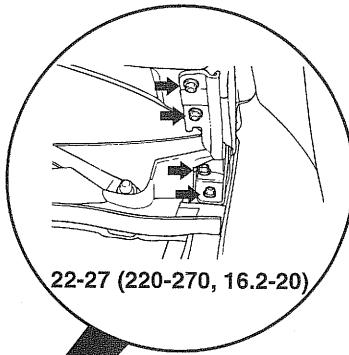
HOOD

COMPONENTS

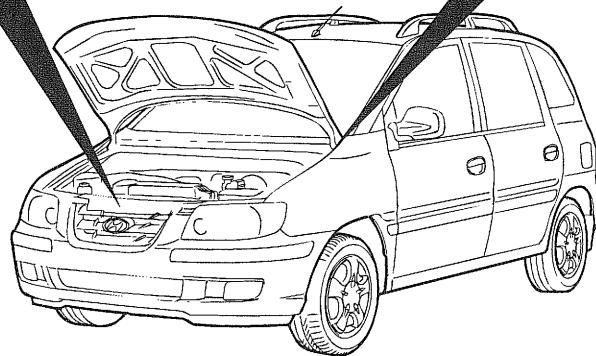
ESNB0150



7-11 (70-110, 5.2-8.1)



22-27 (220-270, 16.2-20)

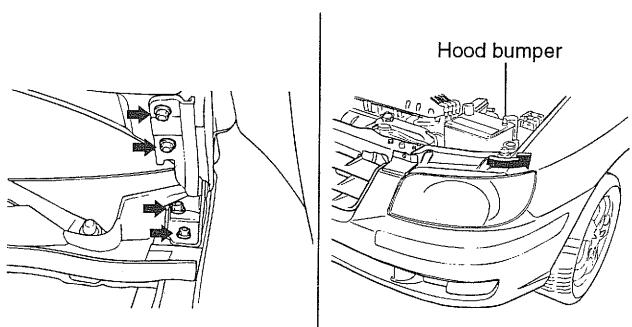
**TORQUE : Nm (kg·cm, lb·ft)**

ESNB015A

HOOD ALIGNMENT ADJUSTMENT

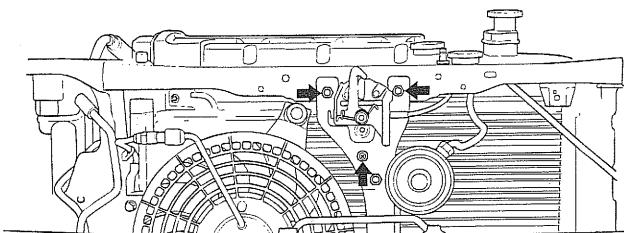
ESNB0200

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



ESNB020A

3. Loosen the bolts holding the hood latch.
4. Adjust the alignment of the hood striker and the hood latch by adjusting the horizontal and vertical position of the latch and the height of the hood.



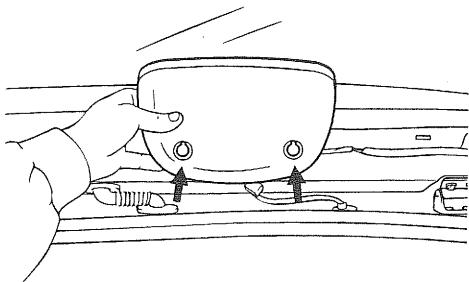
KSNB020B

TAIL GATE

REMOVAL AND INSTALLATION

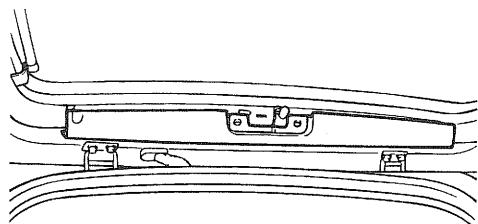
ESNB0250

1. Remove the high mounted stop lamp after removing the mounting bolts (2EA).



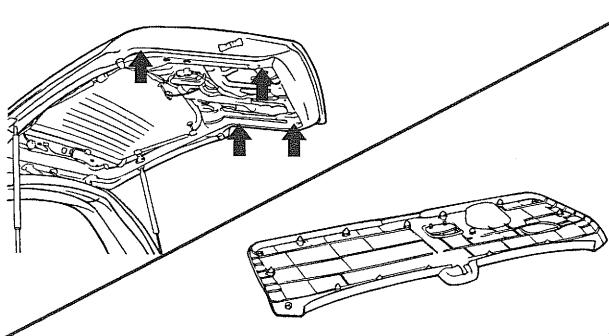
ESJA040N

2. Remove the upper trim from the tailgate frame.



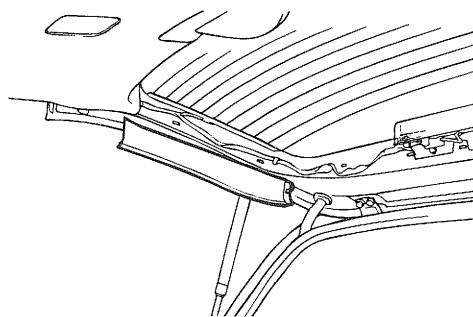
ESJA040A

3. Remove the 4 tapping screws and then remove the tailgate trim panel.



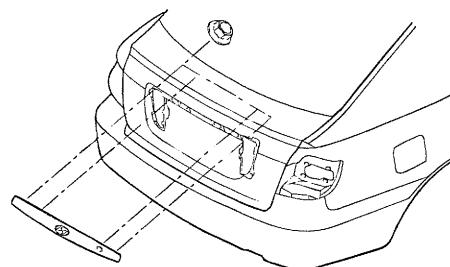
KSNB025A

4. Remove the side trim from the tailgate frame.



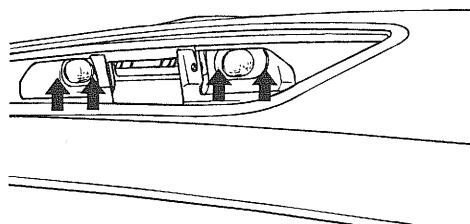
ESHA010B

5. Remove the tailgate garnish after removing 4 nuts.



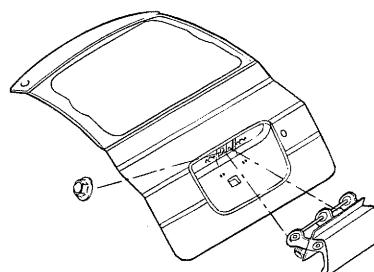
KSNB006A

6. Remove the license lamp assembly after removing 4 screws.



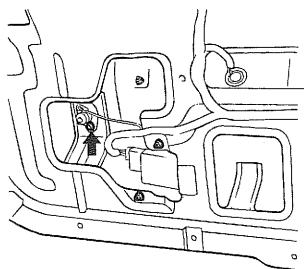
KSNB006B

7. Remove the tailgate outside handle after removing the mounting nuts (2EA), and then disconnect the rod.

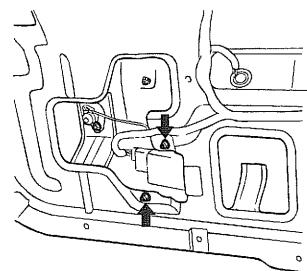


KSNB006C

8. Remove the key cylinder after removing the mounting bolt and then disconnect the rod.

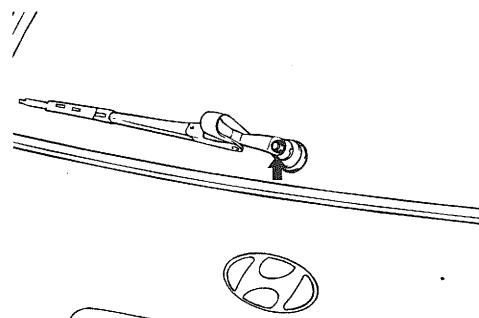


KSNB006D



KSNB025B

9. Remove the rear wiper motor after removing the mounting nut.

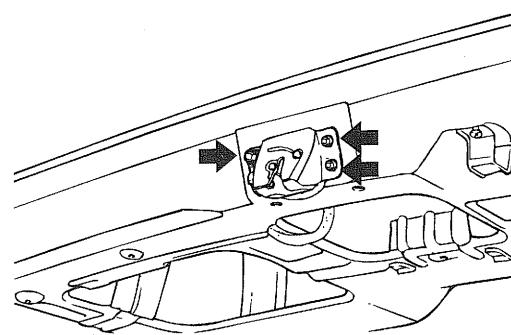


ESHA010I

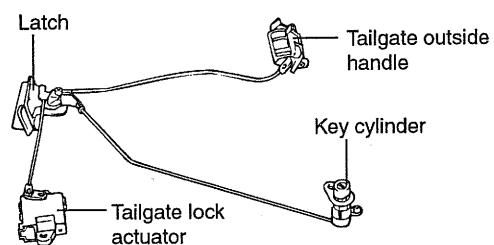
Tightening torque :

10-13 Nm (100-130 kg·cm, 7.3-9.5 lb·ft)

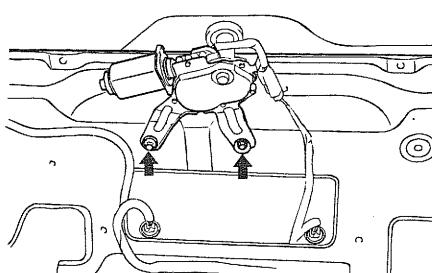
12. Remove the tailgate latch after removing the mounting bolts (3EA).



KSMB004G



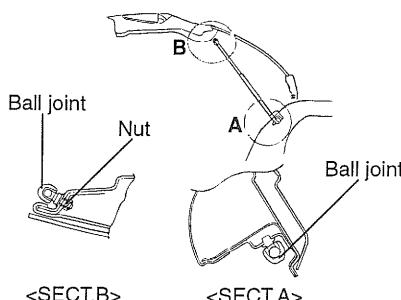
ESMB020A



KSNB006E

11. Remove the tailgate actuator after removing the mounting nuts (2EA) and then disconnect the wire connectors and rod.

13. Remove the tailgate lifter from ball joint.

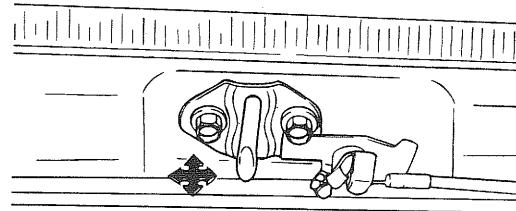


ESNB006F

ADJUSTMENT

ESMB0250

1. Adjustment the striker up or down, and right or left until the tailgate is flush with the rear edge of the body.



Tightening torque

Tailgate hinge mounting bolts :

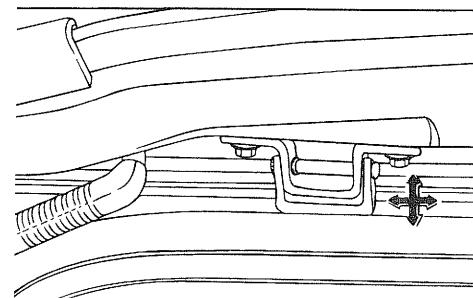
7-9 Nm (70-90 kg·cm, 5.2-6.6 lb·ft)

Tailgate lifter mounting bolts :

22-27 Nm (220-270 kg·cm, 16.2-20 lb·ft)

KSMB030A

2. Adjust the tailgate hinges up or down, and right or left as necessary to equalize the gap between the tailgate and body.



KSMB030B

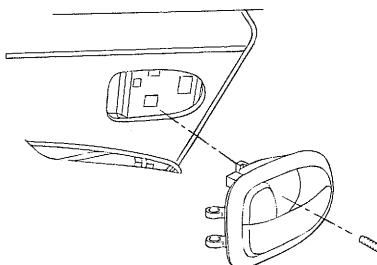
14. Remove the tailgate after removing the tailgate hinge mounting bolts.

15. Installation is the reverse of removal.

FRONT DOOR

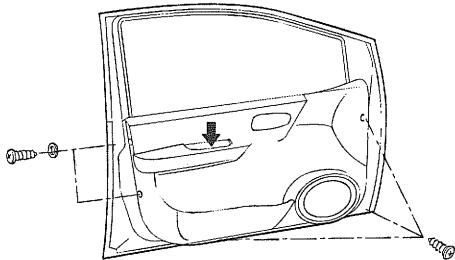
REMOVAL AND INSTALLATION ESNB0350

1. Loosen the screw holding the handle inside door and disconnect lock rods.



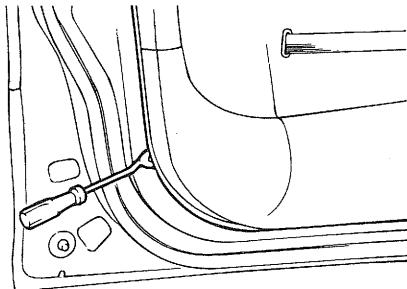
KSNB006H

2. Loosen the screws holding the door trim panel.



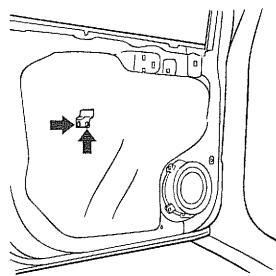
KSNB002R

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.



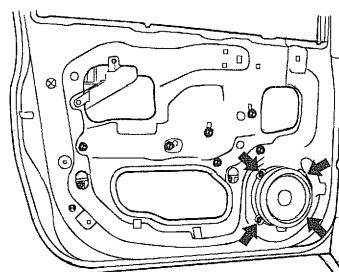
ESHA015D

4. Remove the door trim seal after removing door trim mounting bracket.



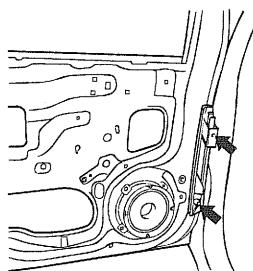
KSNB007A

5. Remove the front speaker after removing 4 screws.



KSNB007B

6. Remove the front channel from the front door after removing 2 bolts.

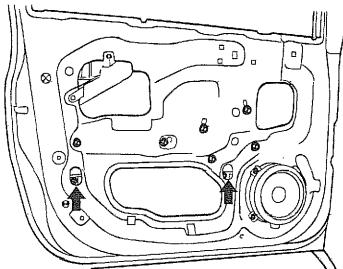


KSNB007D

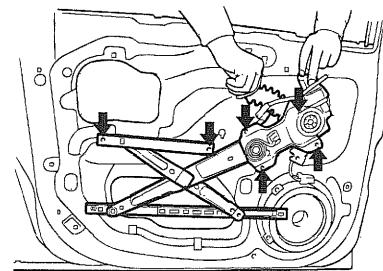
Tightening torque :

8-12 Nm (80-120 kg·cm, 5.9-8.8 lb·ft)

7. Remove the front door glass from the power window regulator after removing 2 bolts.



KSNB035A

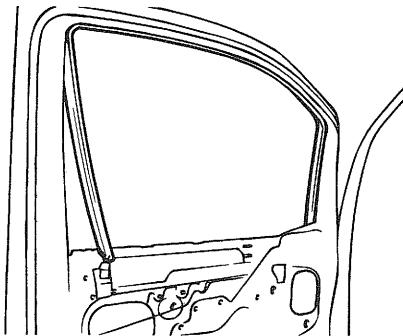


KSNB007F

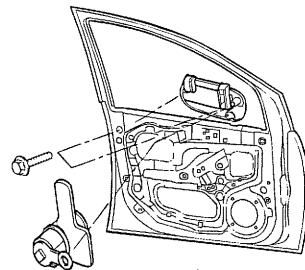
Tightening torque :

8-12 Nm (80-120 kg·cm, 5.9-8.8 lb·ft)

8. Remove the front door window glass run.



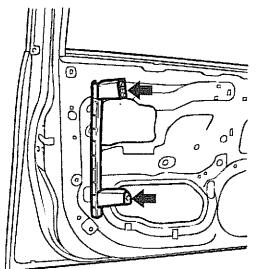
KSNB007C



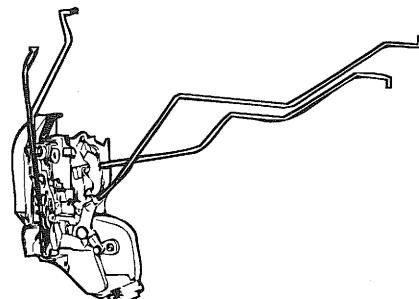
KSNB007G

9. Remove the safety lock rod cover after removing 2 screws.

10. Remove the rear channel from the front door after removing 2 bolts.

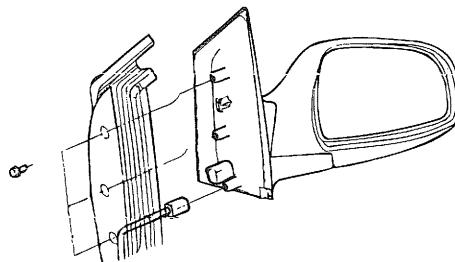


KSNB007E



KSMB002D

11. Loosen the 6 bolts holding front door window regulator and remove the regulator assembly.

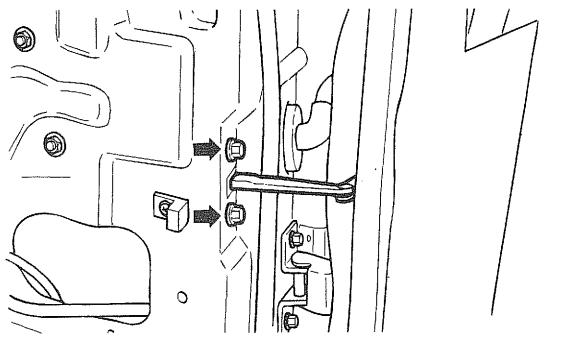


KTNB002B

Tightening torque :

8-12 Nm (80-120 kg·cm, 5.9-8.8 lb·ft)

15. Remove the door belt outside weatherstrip.
16. Remove the front door checker mounting bolts (2EA).



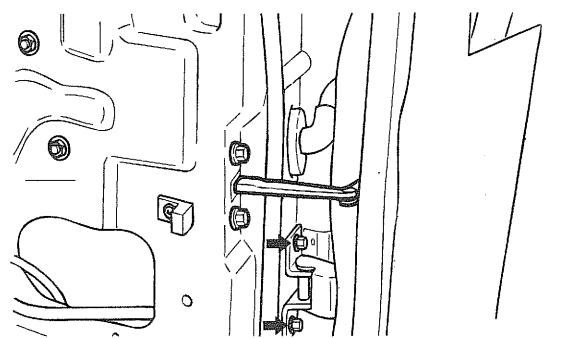
ESB9025K

Tightening torque :

8-12 Nm (80-120 kg·cm, 5.9-8.8 lb·ft)

17. Remove the front door hinge mounting bolts and disconnect the wire connector.

Remove the front door assembly.



KSNB035B

Tightening torque :

22-27 Nm (220-270 kg·cm, 16.2-20 lb·ft)

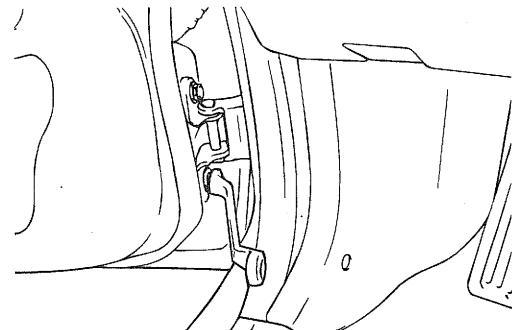
18. Installation is the reverse of the removal process.
When installing the door trim seal, butyl tape should not be placed over the area when installing the door trim fastener.

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.

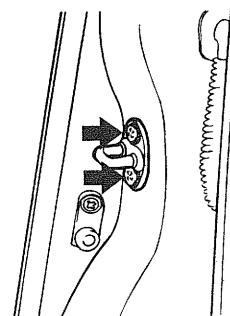


ESA9095A

DOOR STRIKER

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

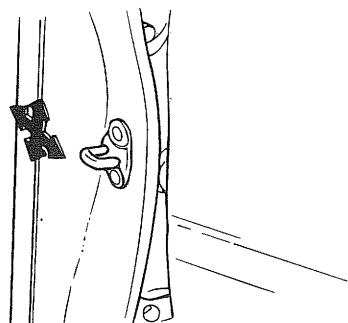
1. Draw a line around the striker plate for reference.
2. Loosen the striker screws, and move the striker IN and OUT to make the latch fit tighter or looser. Move the striker UP and DOWN to align it with the latch opening. Then lightly tighten the screws and recheck.



ESHA015N

NOTE

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

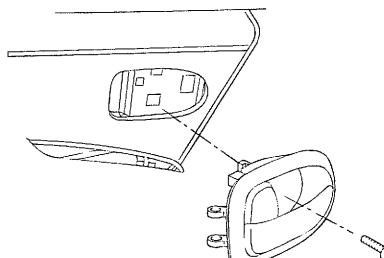


ESA9096B

REAR DOOR

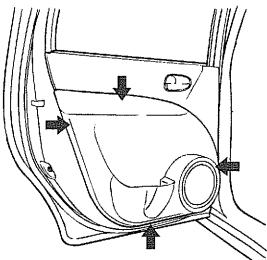
REMOVAL AND INSTALLATION ESNB0400

1. Loosen the screw holding the handle inside the door and disconnect lock rods.



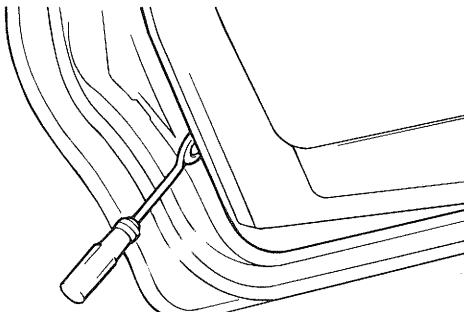
KSNB006H

2. Remove the 4 screws holding door trim panel.



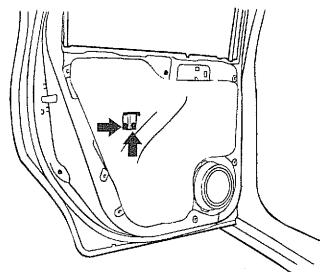
KSNB006I

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.



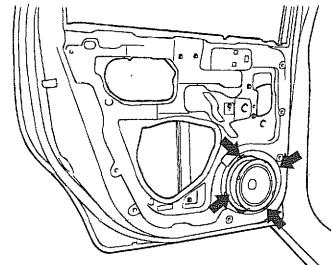
ESHA020D

4. Remove the door trim seal after removing the door trim mounting bracket.



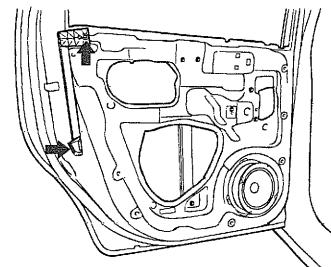
KSNB006J

5. Remove the rear door speaker after removing 4 screws.



KSNB006K

6. Remove the rear channel from the rear door after removing 2 bolts.

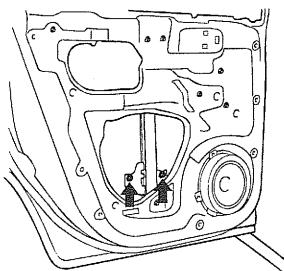


KSNB006L

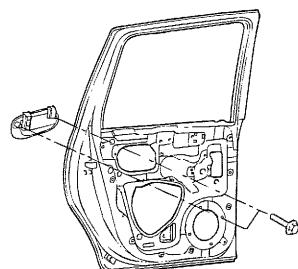
Tightening torque :

8-12 Nm (80-120 kg·cm, 5.9-8.8 lb·ft)

7. Remove the 2 bolts holding rear door glass.



KSNB006M

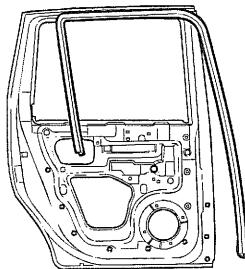


KSNB006P

Tightening torque :

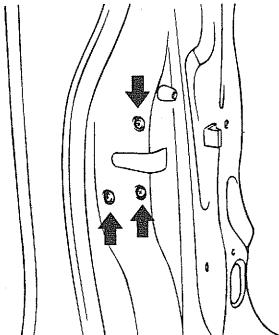
8-12 Nm (80-120 kg·cm, 5.9-8.8 lb·ft)

8. Remove the rear door glass from the regulator assembly and then remove the rear door glass run.



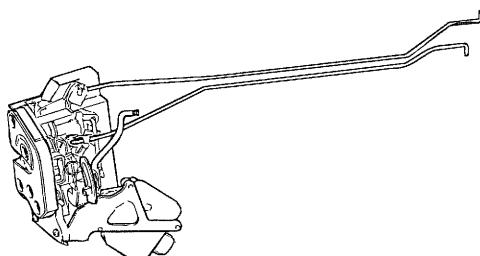
KSNB006O

11. Remove the 3 screws holding rear door latch.



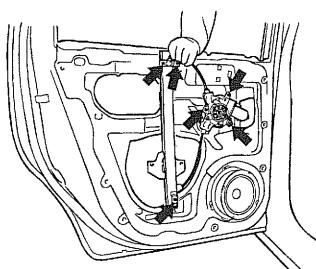
ESJA060J

12. Disconnect rod to outside handle and remove the rear door lock and latch assembly.



KSMB002E

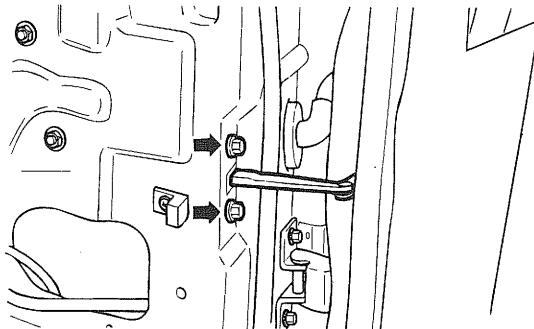
13. Remove the door belt outside weatherstrip.



KSNB006N

10. Remove the outside handle after removing 2 bolts.

14. Remove the rear door checker mounting bolts (2EA).



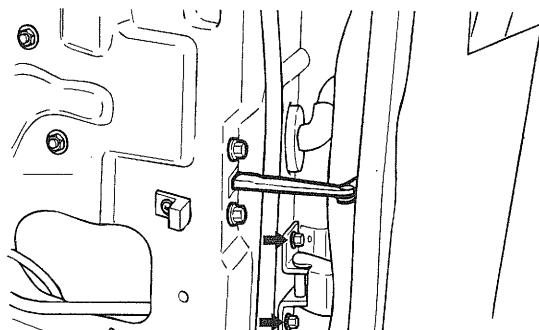
ESB9025K

Tightening torque :

8-12 Nm (80-120 kg·cm, 5.9-8.8 lb·ft)

15. Remove the rear door hinge mounting bolts and disconnect the wire connector.

Remove the rear door assembly.



KSNB035B

Tightening torque :

22-27 Nm (220-270 kg·cm, 16.2-20 lb·ft)

16. Installation is the reverse of the removal process.

When installing the door trim seal, butyl tape should not be placed over the area installing the door trim fastener.

ADJUSTMENT ESHA0500

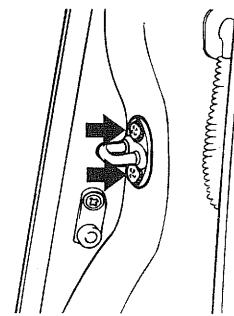
DOOR POSITION

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

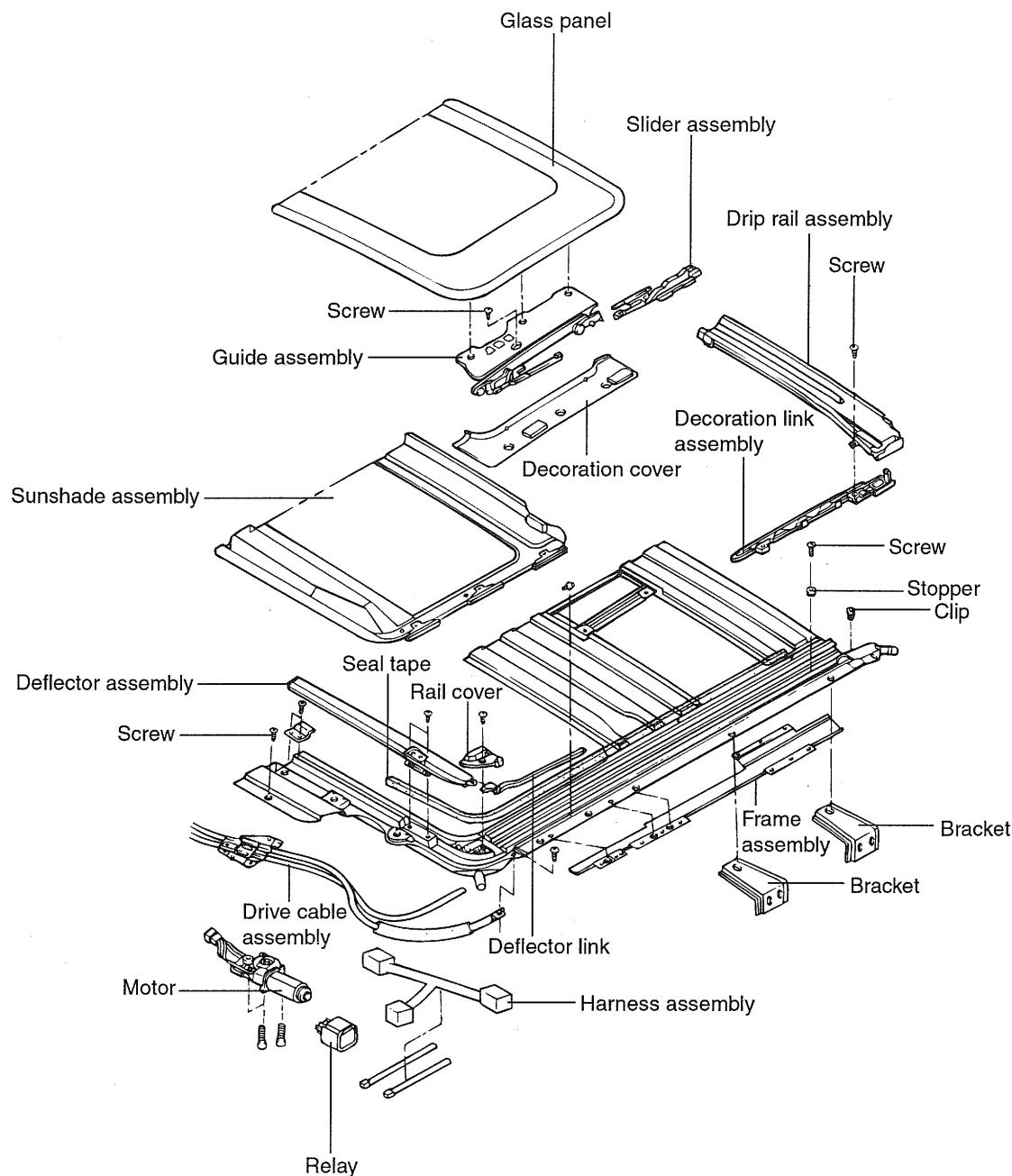
NOTE

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

SUN ROOF

COMPONENTS

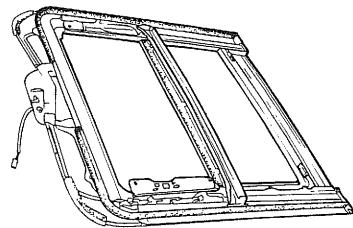
ESNB0450



ESNB045A

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.

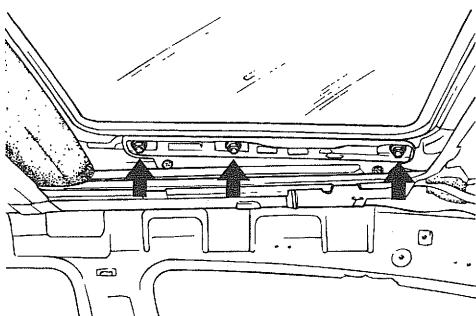


ESA9011B

Tightening torque

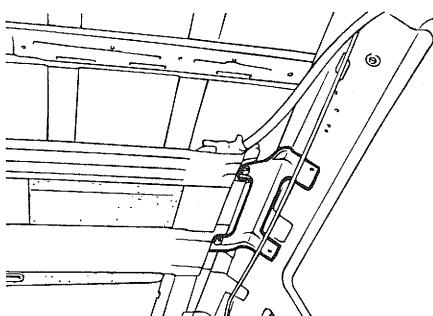
Glass panel mounting nuts :

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:

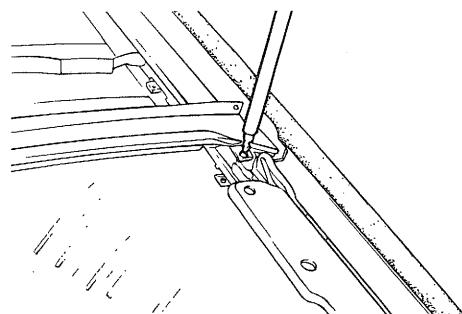
7-11 Nm (70-110 kg·cm, 5.1-8.0 lb·ft)

Sunroof mounting nuts:

4-6 Nm (40-60 kg·cm, 2.9-4.4 lb·ft)

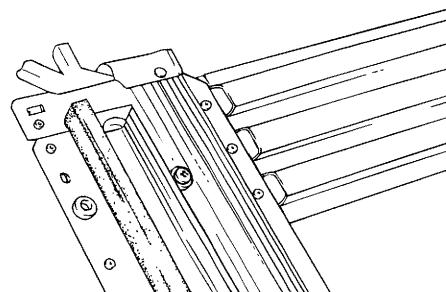
DISASSEMBLY ESHA0750

1. Remove the drip rail.



ESA9011C

2. Remove the stopper.

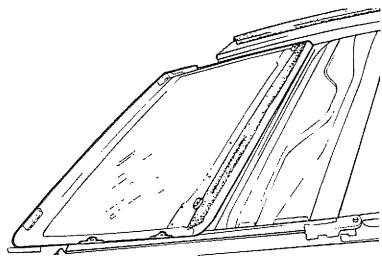


ESA9011D

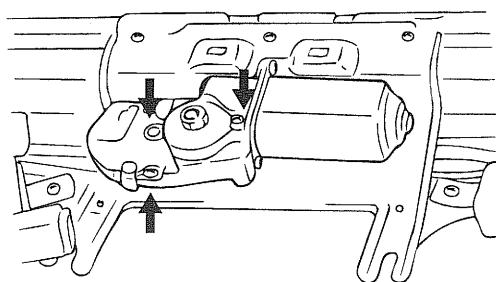


When removing the sunroof assembly, carefully pull out the assembly to avoid damaging other parts.

3. Remove the sun shade.

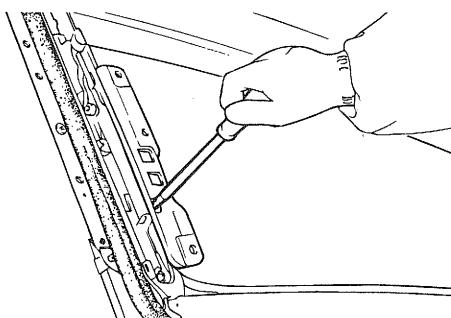


ESA9011E



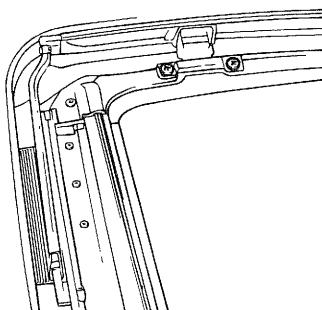
ESA9060N

4. Remove the guide assembly.

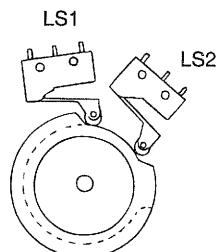


ESA9011F

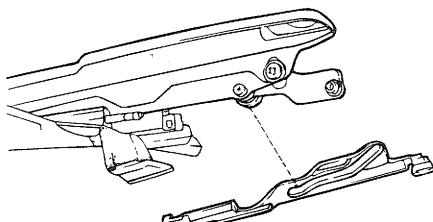
5. Remove the deflector.



ESA9011G



ESA9070D



ESA9011H

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.

VERIFY OPERATING CONDITION AFTER INSTALLATION

ESHA0900

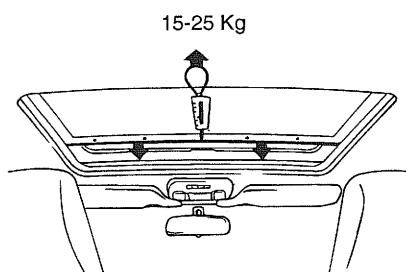
If the glass panel moves slowly, check and adjust.

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

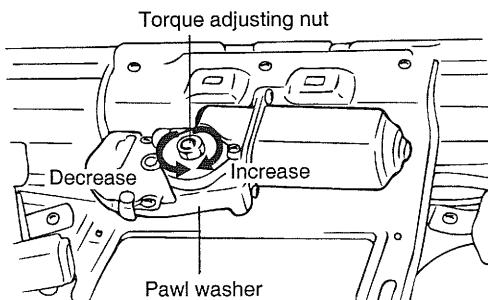
If the stopper is moved forward too far, it may cause malfunction or leaks. Make sure the gap between the glass panel and roof panel is not more than 0.3 mm (0.012 in.).

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.



ESHA9075D

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



ESHA9075E

ADJUSTMENT

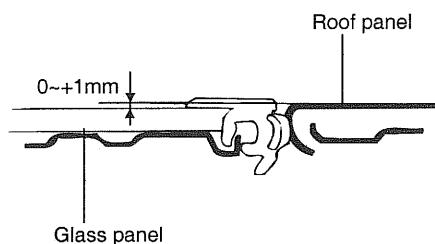
ESHA0950

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

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

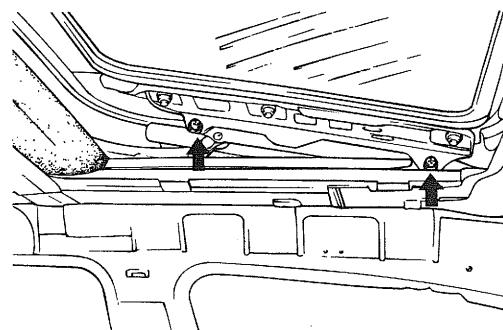
Rear side : 0 (+1, +0) mm

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



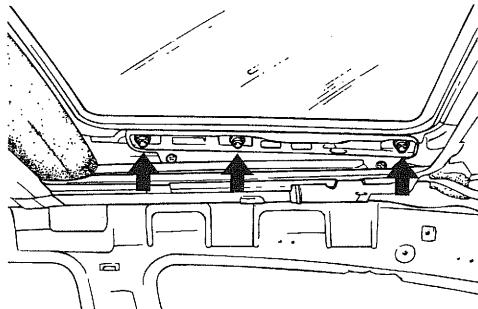
ESHA9011J

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



ESHA9011I

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



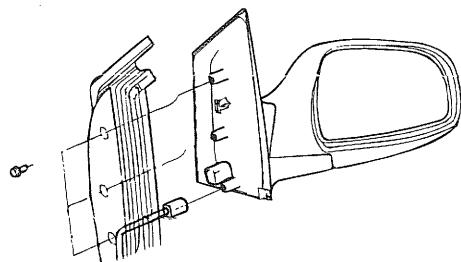
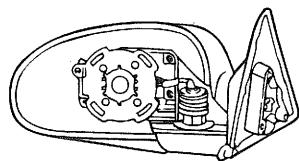
ESHA9011K

OUTSIDE REAR VIEW MIRROR

REMOVAL

ESNB0550

Remove the 3 bolts holding outside rear view mirror and disconnect the wire connector.



ESA9030C

3. Installation is the reverse of removal.

KTNB002B

DISASSEMBLY

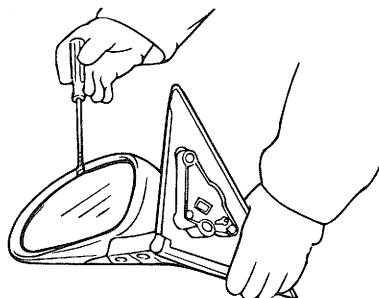
ESMB0850



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.

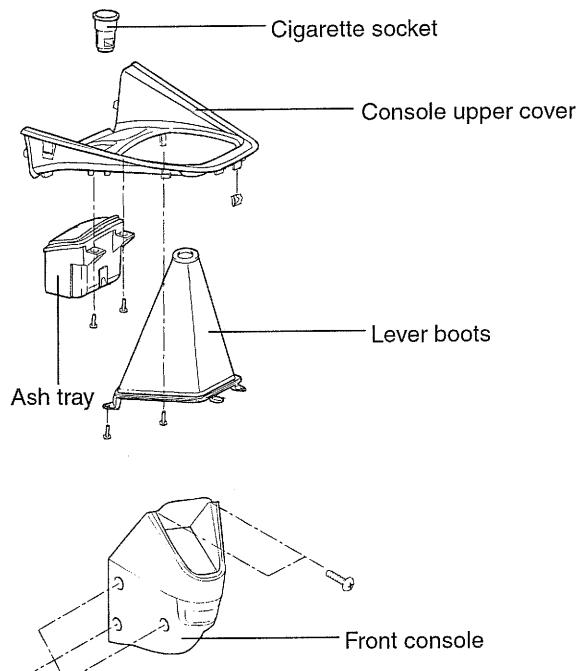
INTERIOR

CONSOLE

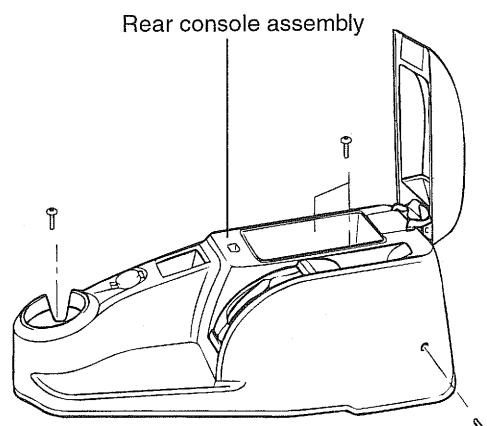
COMPONENTS

ESNB0600

<FRONT CONSOLE>



<REAR CONSOLE>

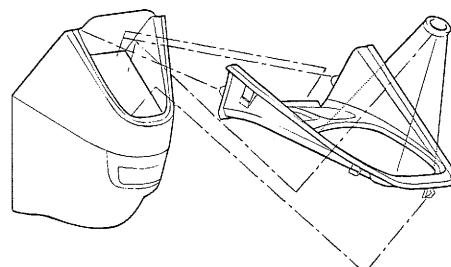


ESNB060A

REMOVAL AND INSTALLATION

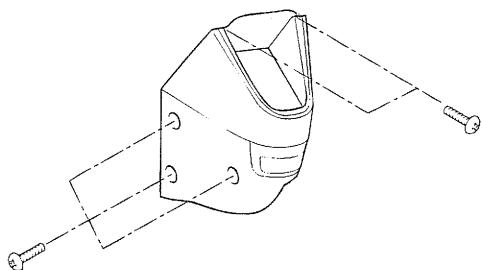
ESNB0650

1. Pry the front console upper cover loose with a flat-tip screwdriver and disconnect the wire connector to cigarette socket.



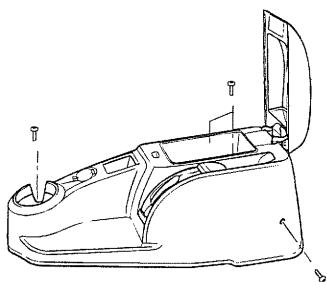
KSNB008G

2. Remove the 8 screws holding the front console assembly and then pull the front console out.



KSNB008H

3. Remove the front seat assembly and then loosen the 5 screws holding rear console assembly.



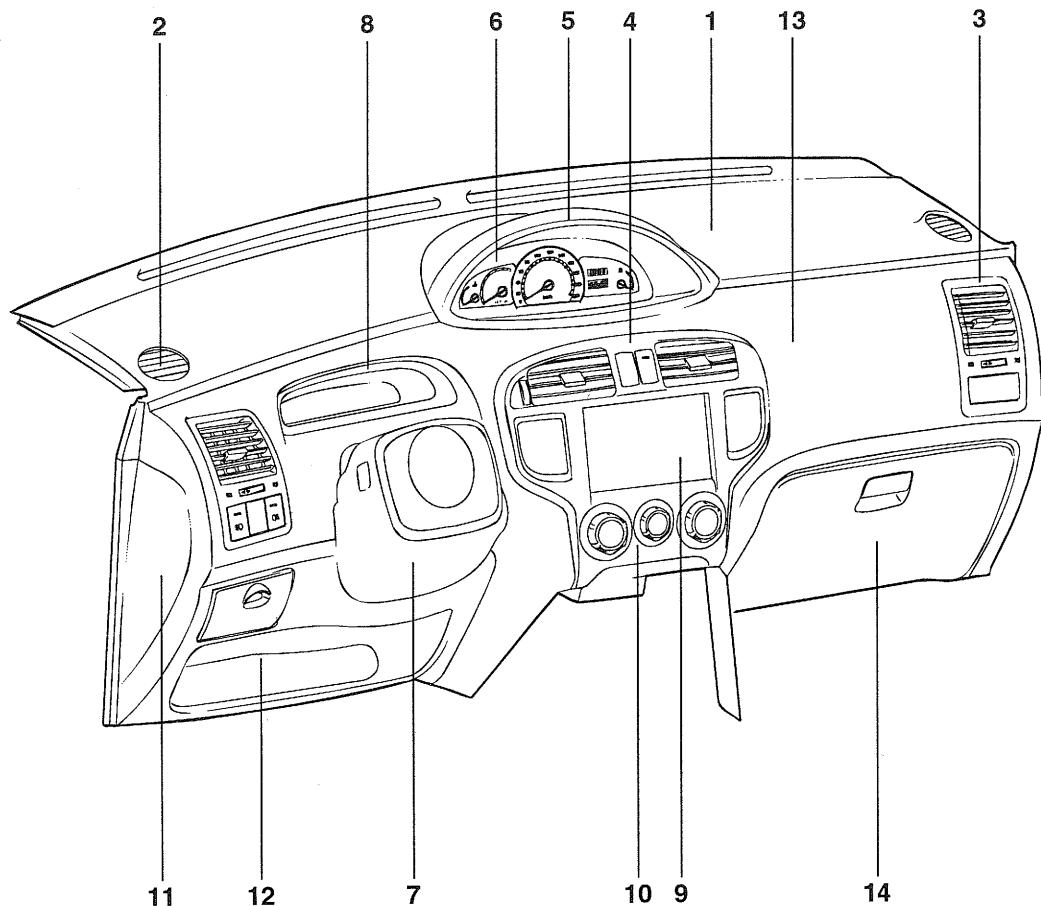
KSNB008A

4. Remove the rear console assembly from the mounting bracket.
5. Installation is the reverse of removal.

CRASH PAD

COMPONENTS

ESNB0700



1. Crash pad assembly
2. Side defroster garnish
3. Side air vent
4. Center facia panel
5. Cluster facia panel
6. Cluster
7. Steering column shroud
8. Tell-tale lamp assembly
9. Audio unit
10. Heater control unit
11. Crash pad side cover
12. Crash pad lower panel
13. Passenger side air bag
14. Glove box

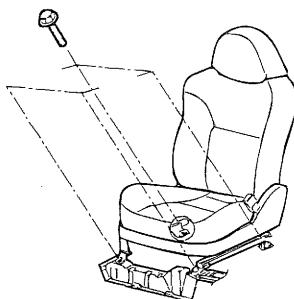
REMOVAL AND INSTALLATION

ESNB0750

1. Disconnect the negative (-) battery terminal.
2. Disconnect the wire connectors from the front seats and then remove the front seats.

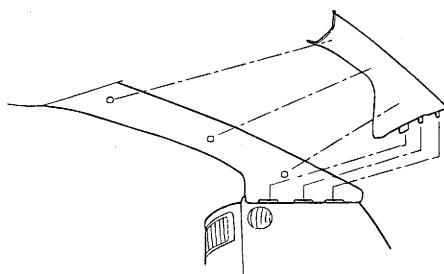
CAUTION

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



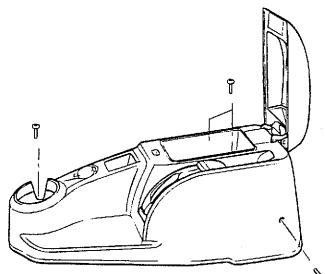
KSMB008G

3. Pry loose the front pillar trim with a flat-tip screwdriver.



KSNB001E

4. Pull the rear console assembly out after removing 5 screws.

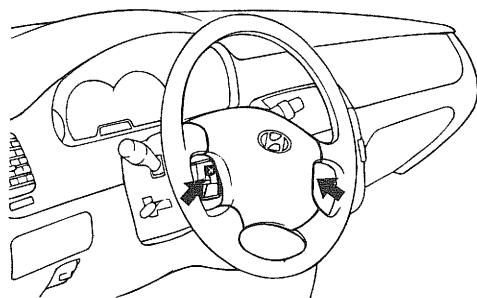


KSNB008A

5. Remove the air bag module.

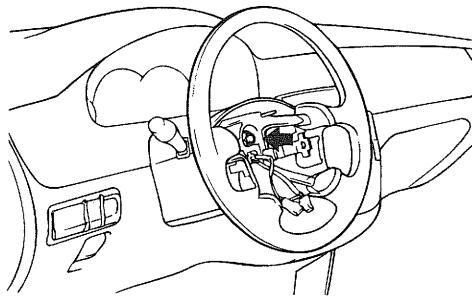
CAUTION

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



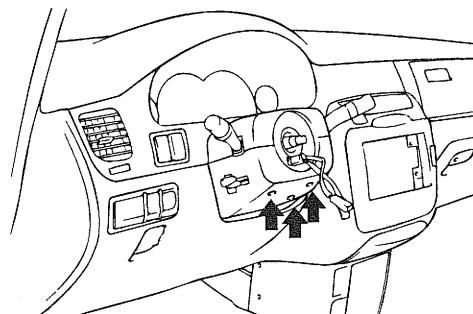
ESHA040M

6. Remove the steering wheel.



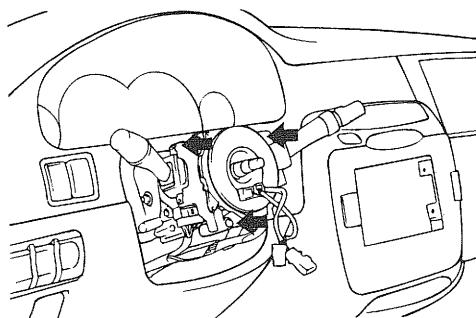
ESHA040N

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



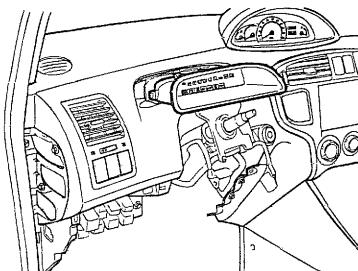
ESHA040O

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



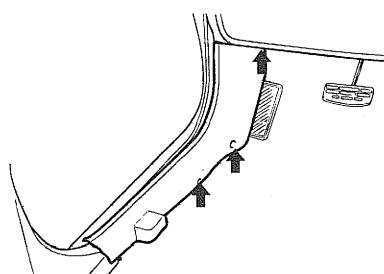
ESHA040P

12. Pry the tell-tale lamp assembly loose with a flat-tip screwdriver and disconnect the wire connector.



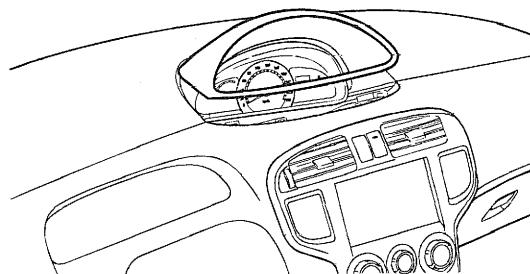
KSNB008E

9. Remove the cowl side trim.



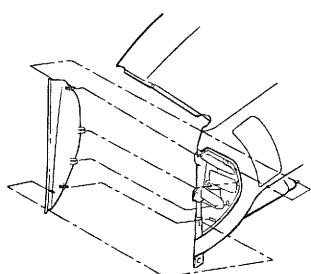
KSNB008B

13. Pry the cluster facia panel loose with a flat-tip screwdriver.



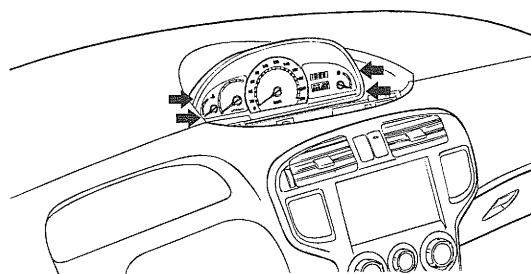
KSNB008R

10. Remove the crash pad side cover.



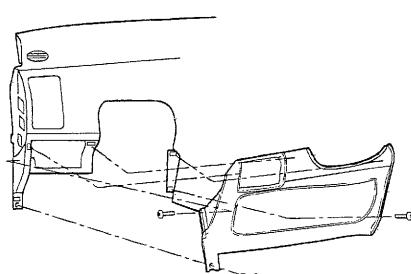
KSNB008C

14. Remove the cluster assembly (4 screws).



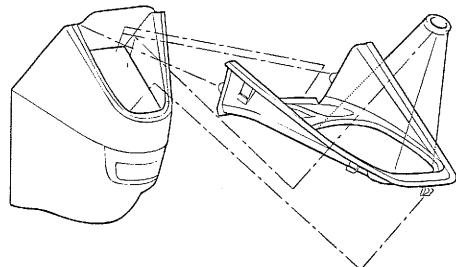
KSNB008F

11. Remove the crash pad lower panel after removing 2 screws and a bolt.



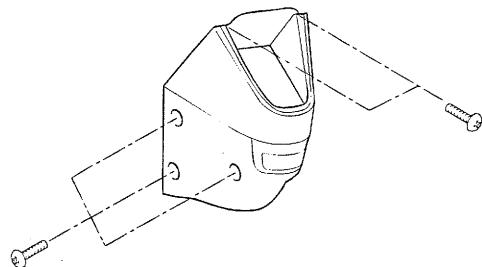
KSNB008D

5. Pry the front console upper cover loose with a flat-tip screwdriver and disconnect the wire connector to cigarette socket.



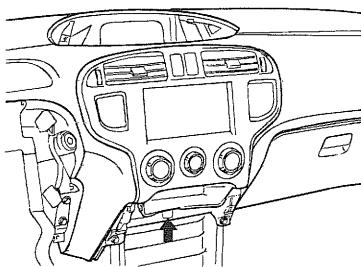
KSNB008G

16. Remove the 8 screws holding front console assembly and pull the front console out.



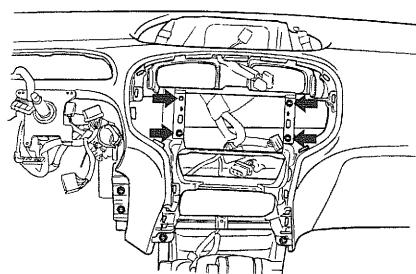
KSNB008H

17. Remove the screw holding center facia panel and disconnect the wire connectors.



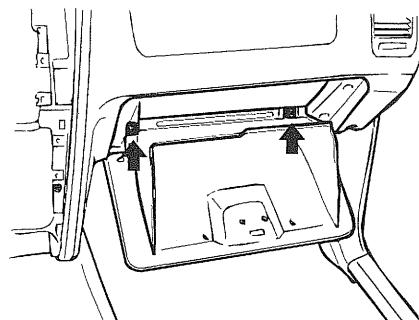
KSNB008J

18. Remove the audio unit (4 screws) and disconnect the wire connectors.



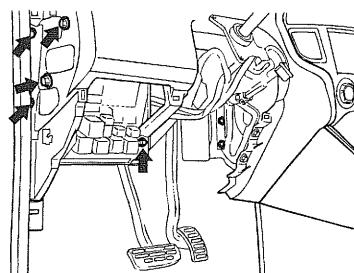
KSNB008I

19. Remove the glove box.



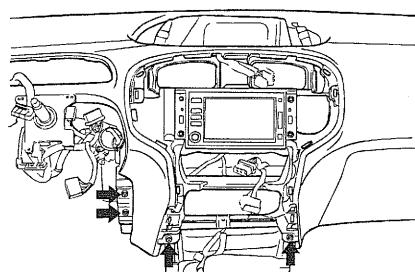
KSMB008Q

20. Remove the 5 bolts holding driver side main crash pad.



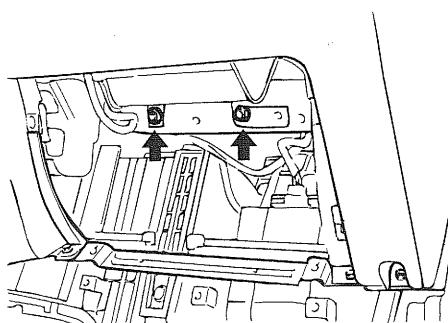
KSNB008K

21. Remove the 4 bolts holding center main crash pad.

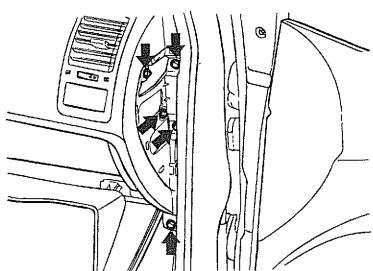


KSNB008L

22. Remove the 7 bolts holding passenger side main crash pad.

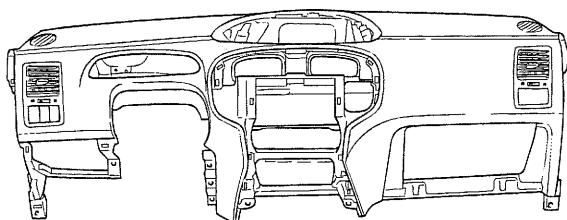


KSMB008U



KSNB008M

23. Remove the main crash pad and disconnect the wire connectors.



KSNB008N

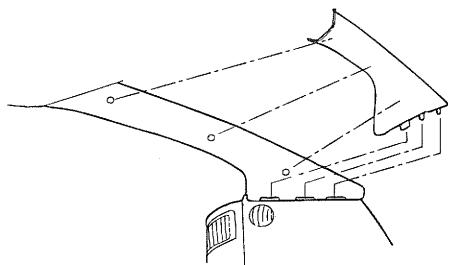
24. Installation is the reverse of removal.
Connect all wire connectors securely.

INT. TRIM**REMOV.**

NB0800

FRONT PIL. TRIM

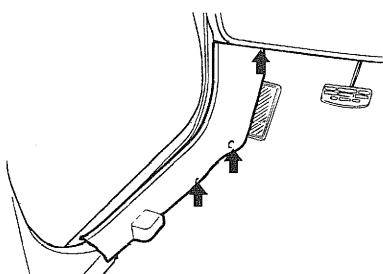
Pry the front pillar trim loose with a flat-tip screwdriver.



KSNB001E

COWL SIDE TRIM

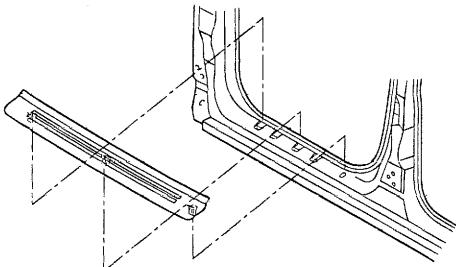
Remove the screws and bolt holding the cowl side trim and remove it.



KSNB008B

FRONT DOOR SCUFF STEP PLATE

Pry the front door scuff step plate loose with a flat-tip screwdriver.

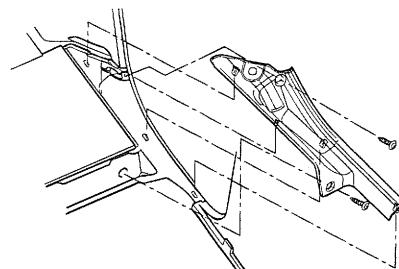


KSNB008V

REAR DOOR SCUFF TRIM

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

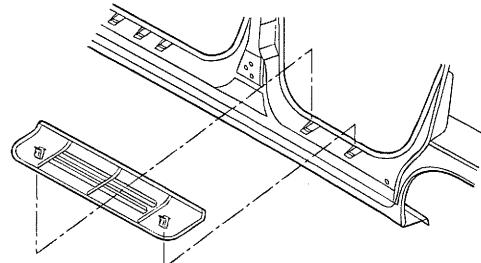
2. Remove the rear door scuff trim after removing 2 screws.



KSNB001G

REAR DOOR SCUFF STEP PLATE

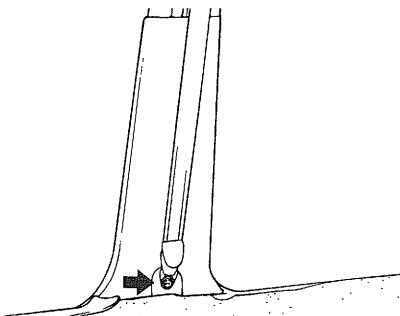
Pry the rear door scuff step plate loose with a flat-tip screwdriver.



KSNB001I

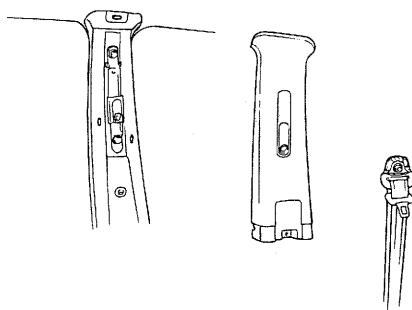
CENTER PILLAR TRIM

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

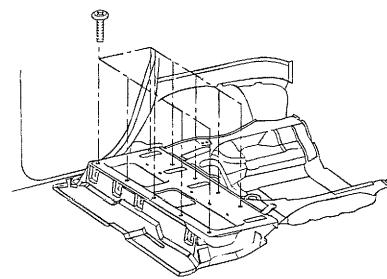


ESHA040I

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



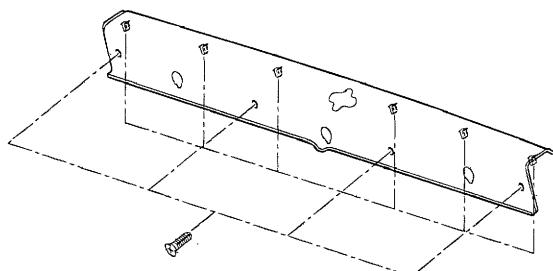
ESHA045B



KSNB008W

REAR TRANSVERSE TRIM

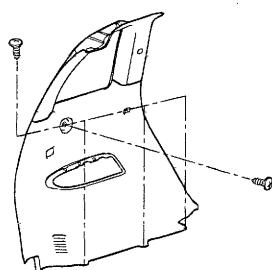
Remove the 4 screws holding the rear transverse trim and remove the trim.



KSNB001H

LUGGAGE TRIM

1. Remove the 4 screws holding the luggage side trim and remove the trim.

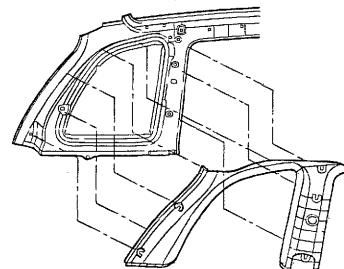


KSNB001F

2. Remove the 11 screws holding luggage floor trim and remove the trim.

REAR PILLAR TRIM

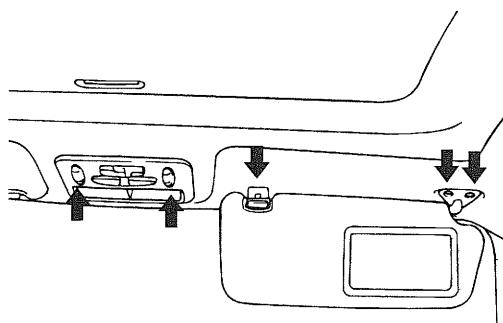
1. Remove the bolt holding rear seat belt upper anchor.
2. Pry the rear pillar trim loose with a flat-tip screwdriver.



KSNB008X

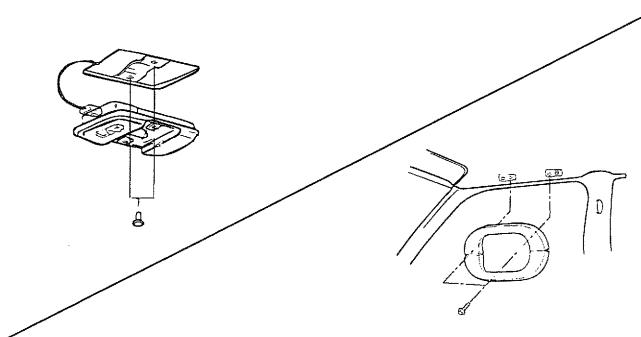
HEADLINER

1. To remove the headliner, first remove the following parts :
 - Overhead console and sun visor.

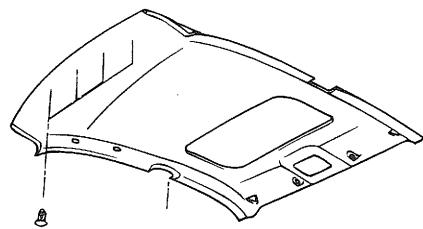


ESKA040B

- Room lamp and assist grip.

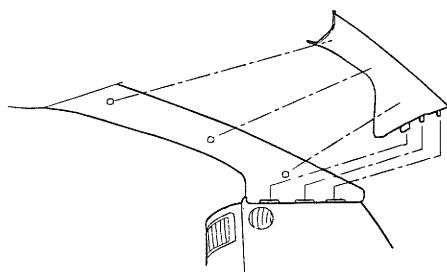


KSNB008Y

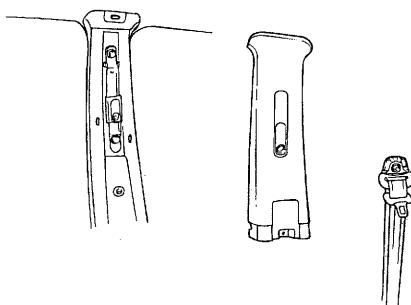


KSNB002Q

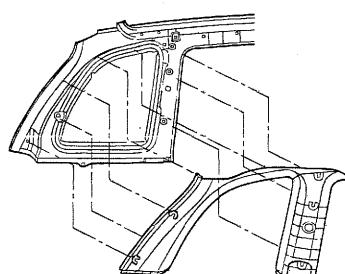
2. Remove front pillar trim, center pillar upper trim and rear pillar trim.
4. Installation is the reverse of removal.



KSNB001E



ESHA045B



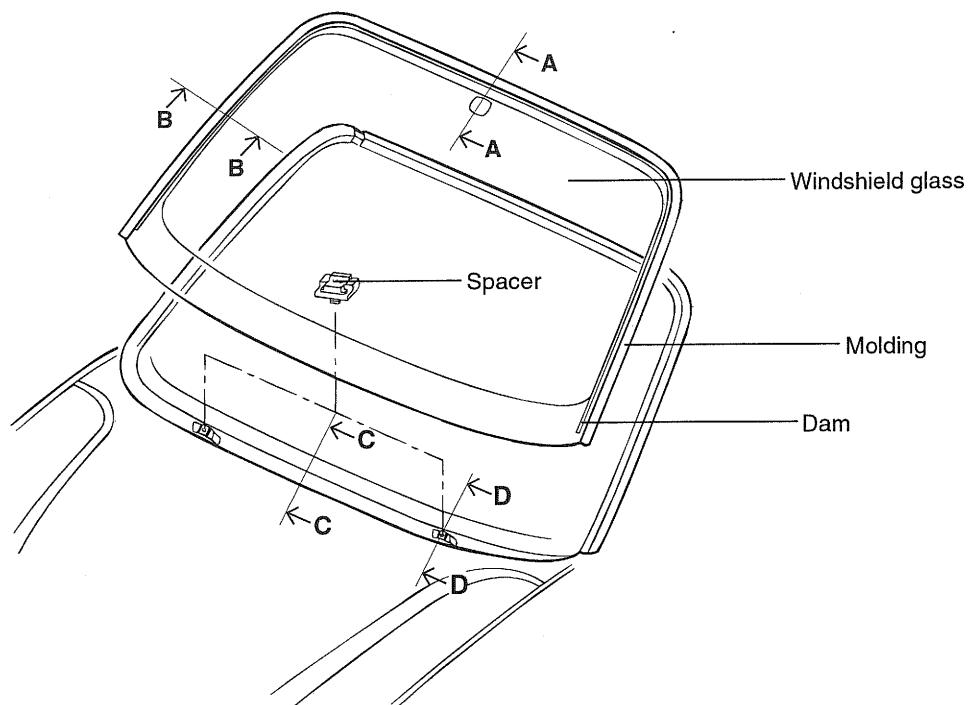
KSNB008X

3. Remove the headliner after removing the clip holding the headliner.

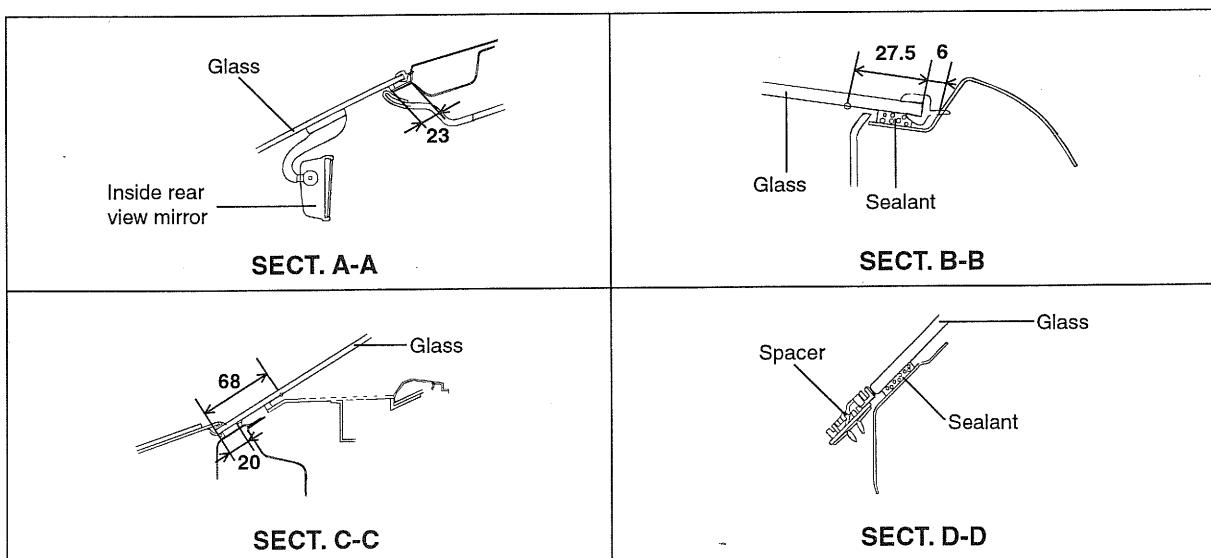
WINDSHIELD GLASS

COMPONENTS

ESNB0850



Unit : mm

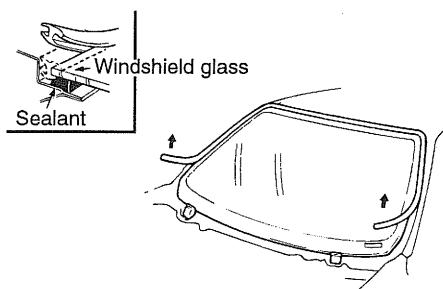


ESNB085A

REMOVAL ESNB0900

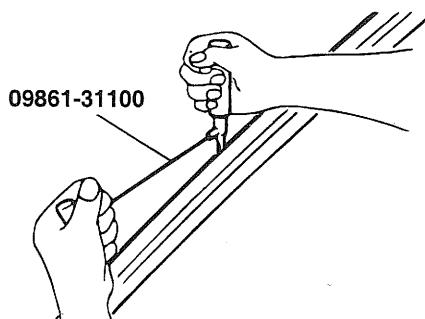
1. To remove the windshield, first remove the following parts :

 - 1) Front pillar trims
 - 2) Inside rear view mirror
 - 3) Wiper arms
 - 4) Weatherstrip and cowl top cover
 - 5) Windshield glass molding



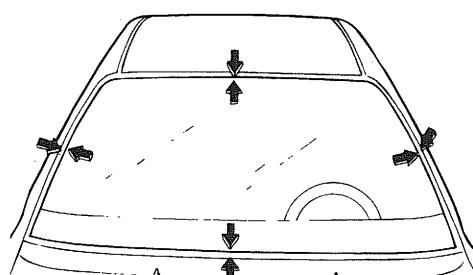
ESNB090A

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



ESDA230B

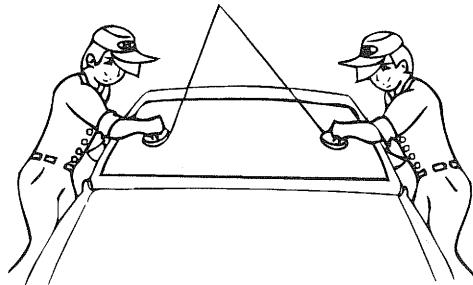
3. Make mating marks on the glass and body if the glass is to be reinstalled.



KSHA125A

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

09861-31400



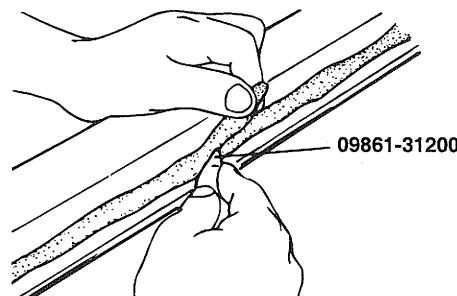
ESDA230D

INSTALLATION ESNB0950

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

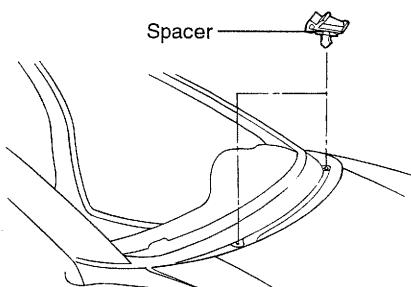
 **CAUTION**

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.



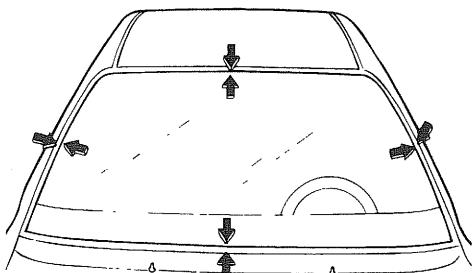
ESDA235B

2. Clean the body bonding surface with a sponge dampened in alcohol or wax and grease remover.
3. Install the spacer in the windshield aperture.



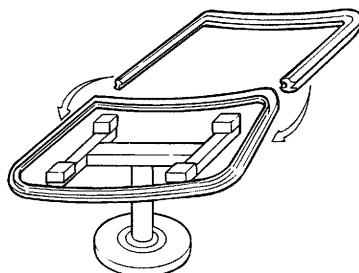
ESNB090B

4. Center a 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.



KSHA125A

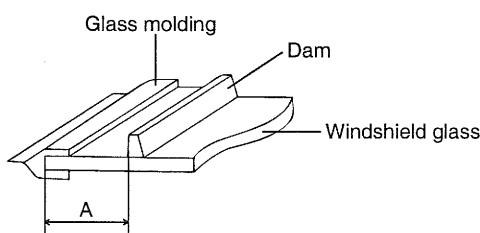
5. Install the windshield glass molding without any gaps.



KSHA130B

6. 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	13.5 mm	Glass molding sub
Side	13.5 mm	



ESHA050E

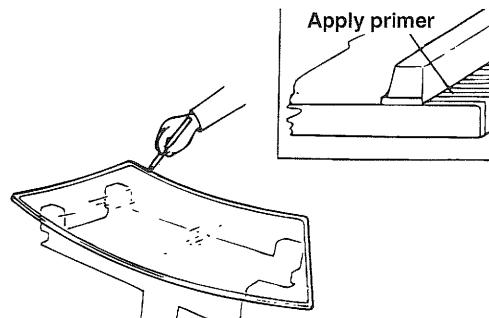
7. Apply a light coat of glass primer to the outside of the dam.

NOTE

- Never touch the surface applied primer with your hand.

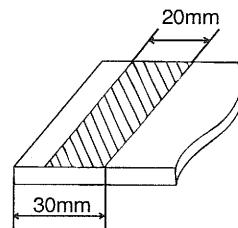
If you do, the adhesive may not bond to the glass properly, causing a leak after the windshield glass is installed.

- Do not apply body primer to the glass.
- Keep water, dust, and abrasive materials away from the surface applied primer.



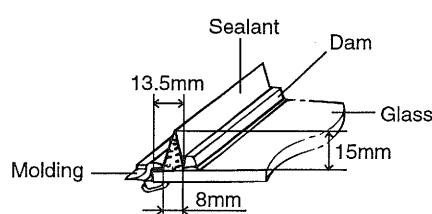
ESDA235E

8. Apply a primer to the lower glass as shown.



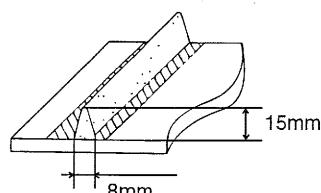
ESHA050F

9. Apply a sealant around the edge of the glass.



UPPER AND SIDE

ESNB095A



LOWER

ESNB095B

 **NOTE**

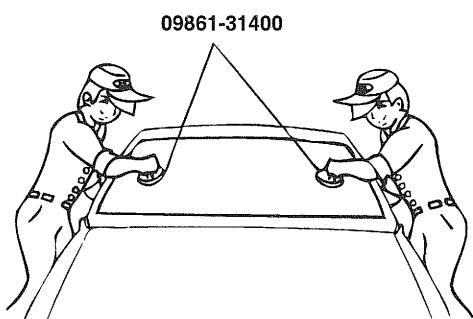
Apply the adhesive within 5 minutes after applying the primer to the glass.

10. Apply a light coat of body primer to the original sealant remaining around the window opening flange. The glass should be installed within 5 minutes after you apply the primer.



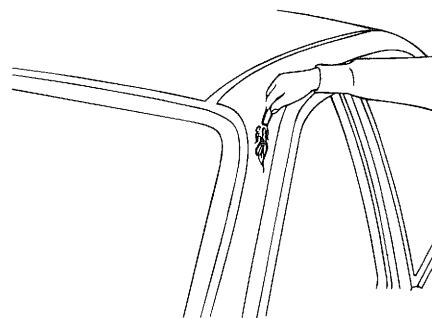
ESDA235F

11. Using suction cups or the special tool (09861-31400), lower the glass over the opening, align it with the marks made in step 4 and set it down on the sealant.



ESDA230D

12. Scrape or wipe excess adhesive off with a putty knife or gauze. Fill all cavities around the windshield glass.
13. 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.
14. If there are leaks, dry the affected area, then apply sealant.



ESDA235G

15. Install the removed parts.

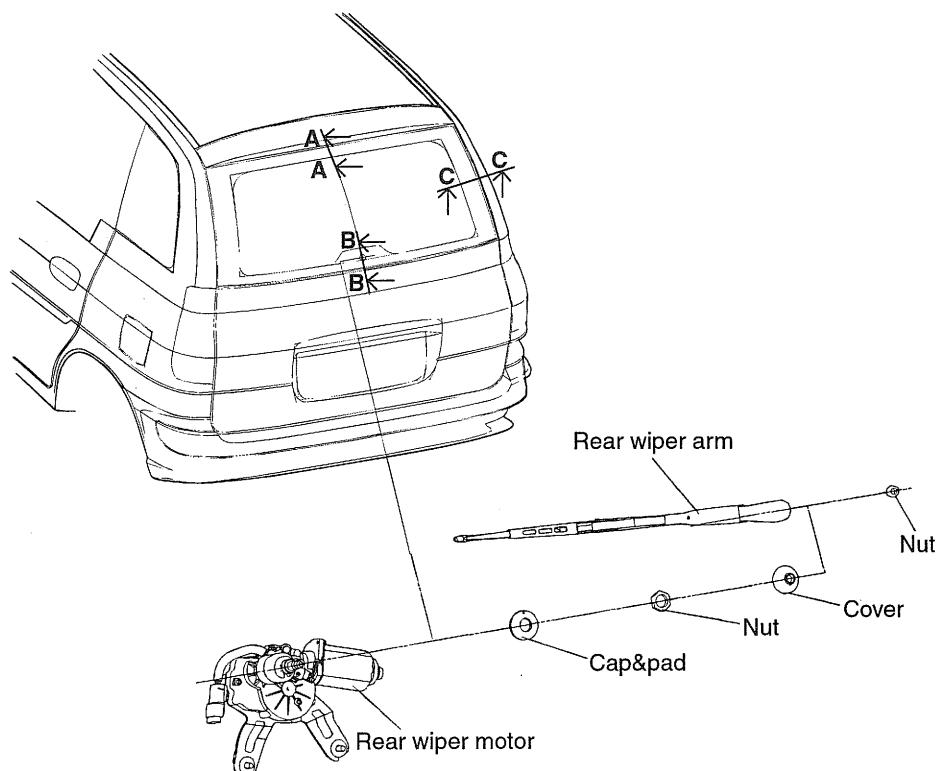
 **CAUTION**

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 twist the vehicle excessively (such as when going in and out of driveways at an angle or driving over rough, uneven roads).*

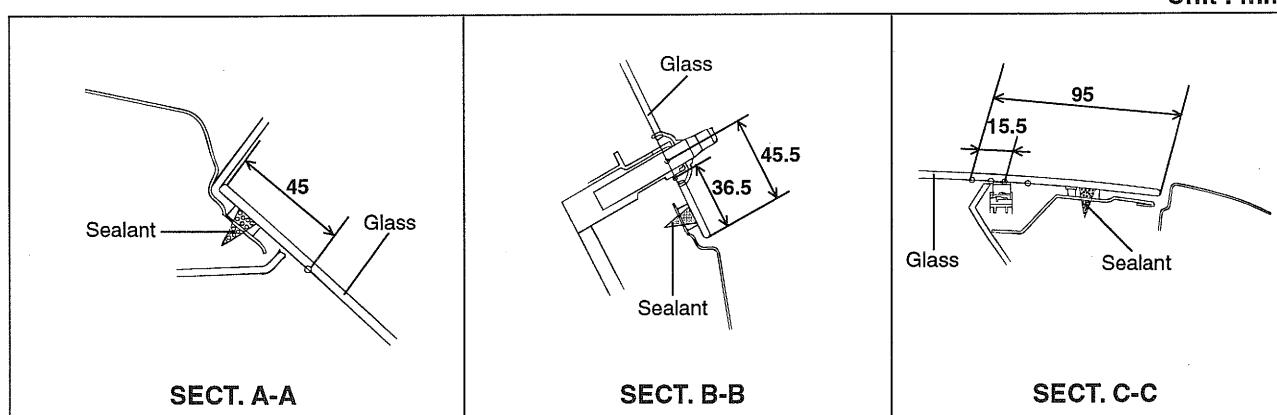
TAILGATE GLASS

COMPONENTS

ESNB1000



Unit : mm



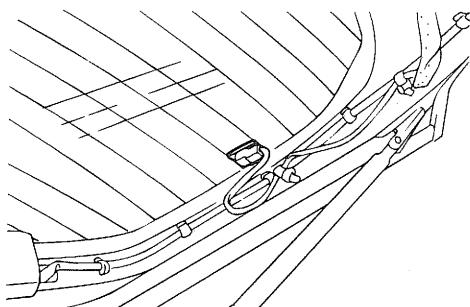
ESNB100A

REMOVAL

ESNB1050

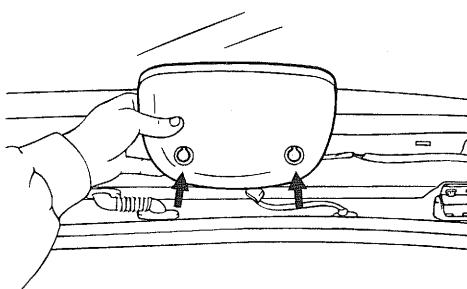
1. To remove the tailgate glass, first remove the following parts :

- 1) Rear window defogger wire connector.



KSMB135A

- 2) Tailgate trims.
- 3) Rear wiper and wiper motor.
- 4) High mounted stop lamp.



ESJA040N

2. Remove the tailgate glass in the same manner as the windshield glass.

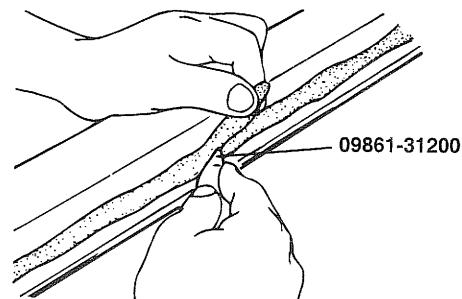
INSTALLATION

ESNB1100

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

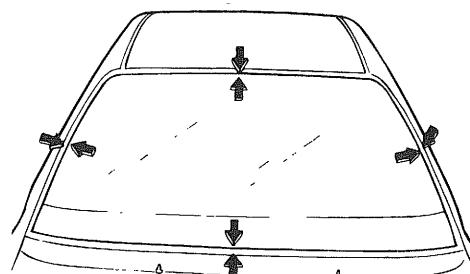
 **CAUTION**

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.
3. Center a new tailgate 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.

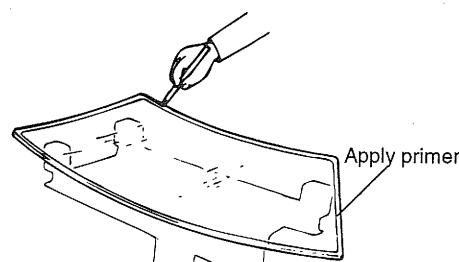


ESHA150B

4. Install the tailgate glass molding without any gaps.
5. Apply a light coat of glass primer around the tailgate glass.

 **NOTE**

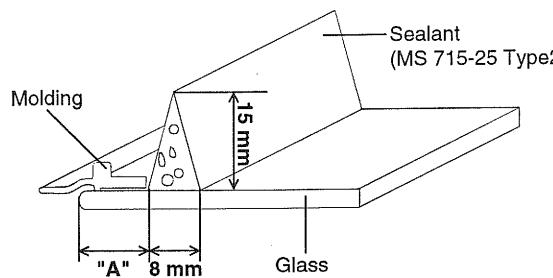
1. *Never touch the surface applied primer with your hands. If you do, the adhesive may not bond to the glass properly, causing a leak after the tailgate glass has been installed.*
2. *Do not apply body primer to the glass.*
3. *Keep water, dust, and abrasive materials away from the surface applied primer.*



ESNB110A

6. Apply a sealant around the edge of the glass.

Part	A	Remarks
Upper	10.5mm	
Side	27.5mm	Glass molding sub
Lower	10.5mm	

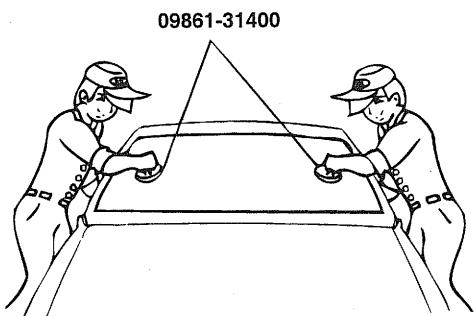


ESNB002P

 **NOTE**

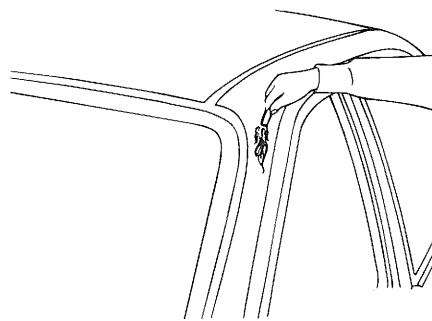
Apply the adhesive within 5 minutes after applying the primer to the glass.

7. Apply a light coat of body primer to the original sealant remaining around the window opening flange. The glass should be installed within 5 minutes after you apply the primer.
8. Use 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.



ESDA230D

9. Scrape or wipe excess adhesive off with putty knife or gauze. Fill all cavities around the tailgate glass.
10. Perform a water-leak test for the tailgate glass. 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.



ESDA235G

11. If there are leaks, dry the affected area, then apply sealant.
12. Install the removed parts.

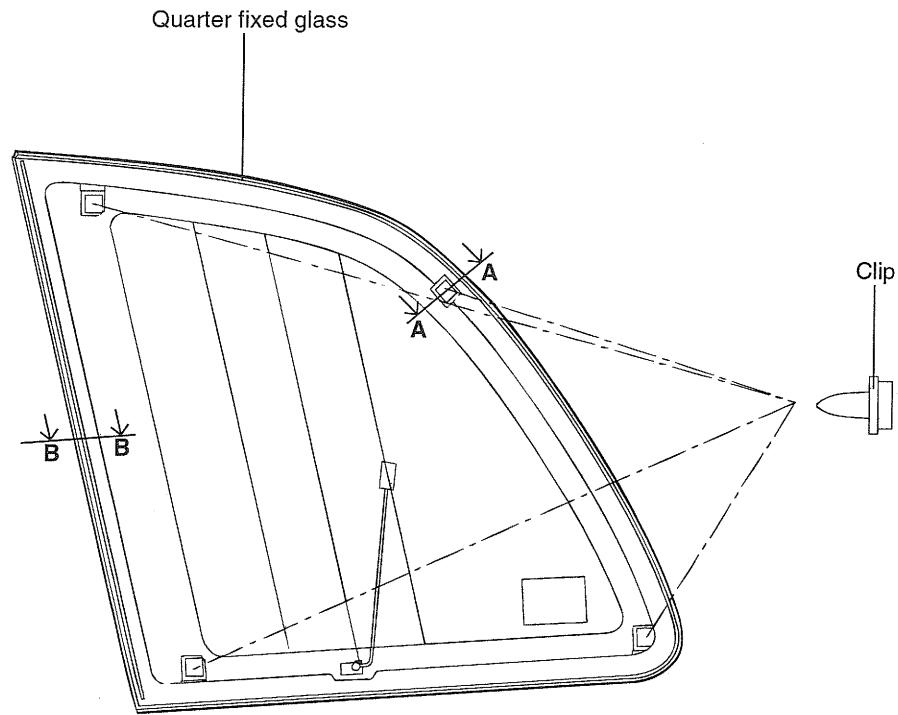
 **CAUTION**

1. *Keep the tailgate glass dry for the first hour after installation.*
2. *Let the car stand for at least four hours after tailgate glass 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 twist the vehicle excessively (such as when going in and out of driveways at an angle or driving over rough, uneven roads).*

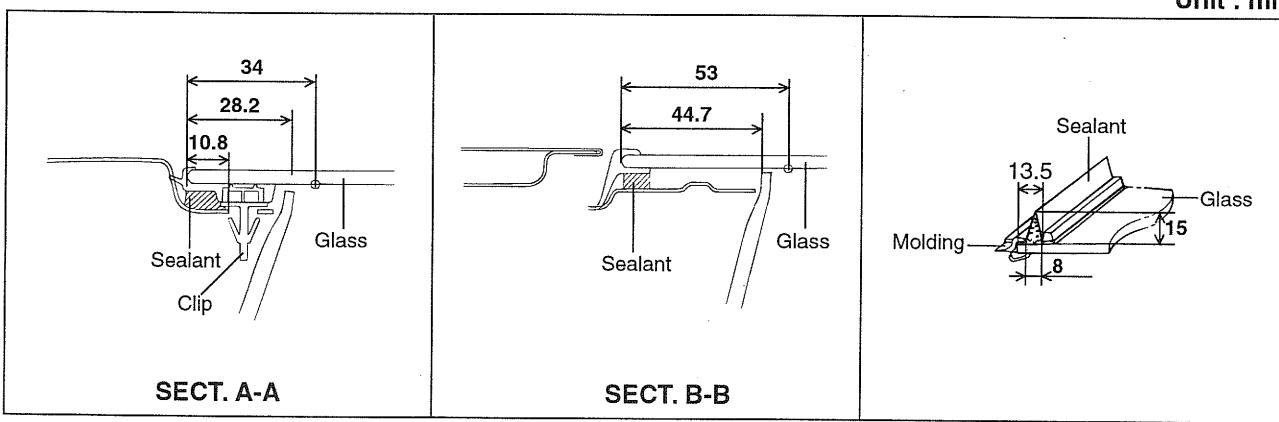
QUARTER GLASS

COMPONENTS

ESNB1150



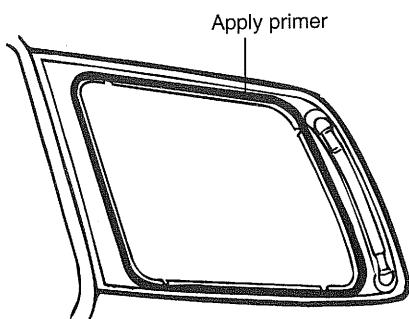
Unit : mm



ESNB115A

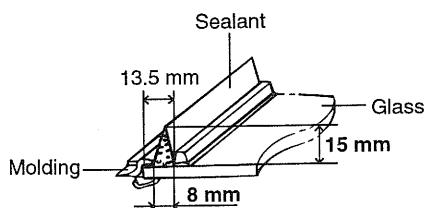
INSTALLATION ESNB1200

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.



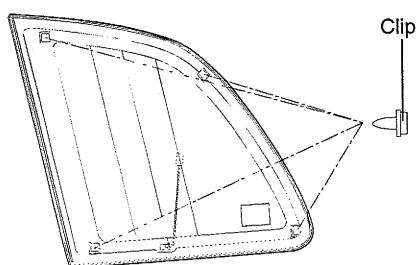
ESJA015K

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



ESNB120B

6. Install the mounting clip to the contact surface around the quarter fixed glass.



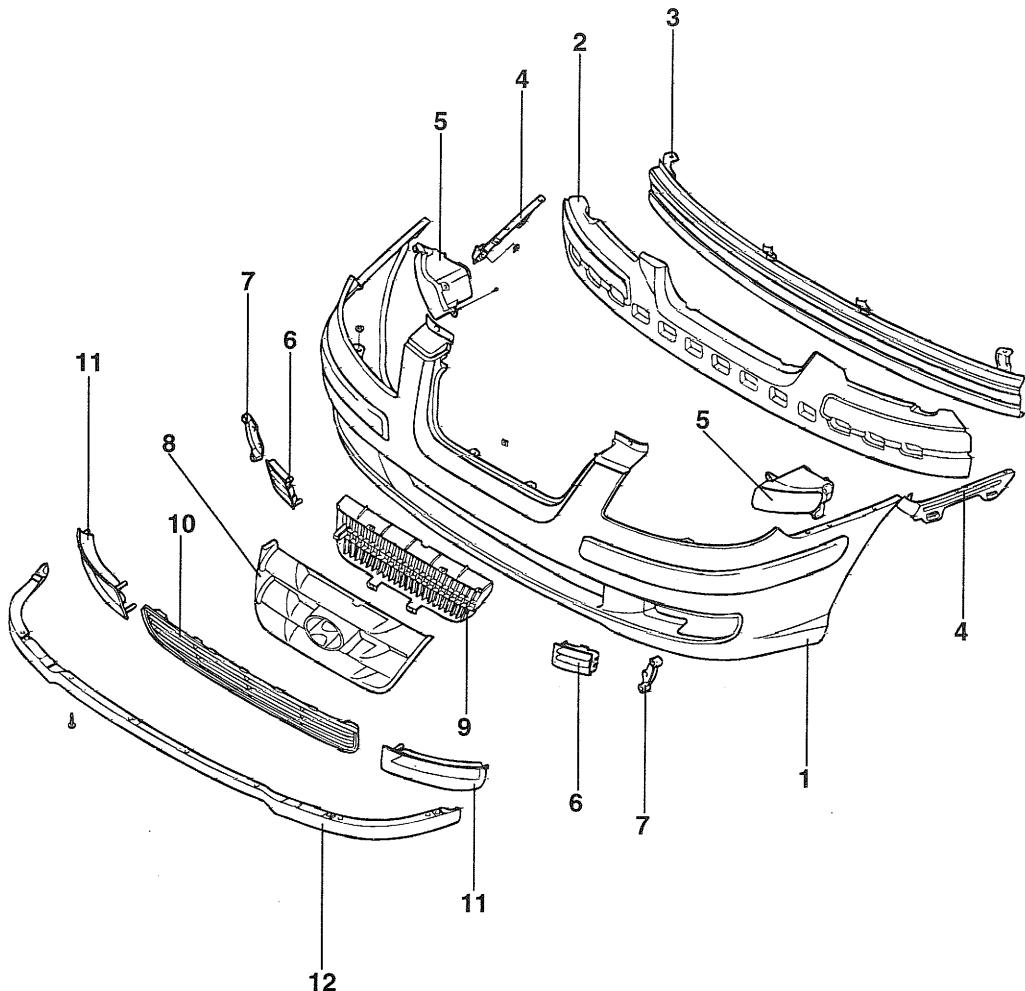
ESNB002D

BUMPER

FRONT BUMPER

COMPONENTS

ESNB1250

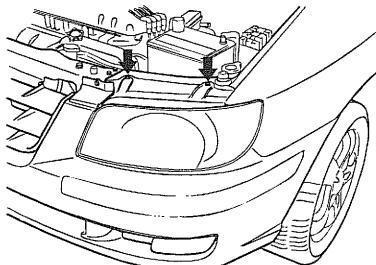


1. Front bumper cover	7. Bracket	11. Blanking cover
2. Energy absorber	8. Radiator grille	12. Air dam
3. Front bumper rail	9. Radiator grille mesh	
4. Side bracket	10. Front bumper grille	
5. Front fog lamp		
6. Side grille		

REMOVAL AND INSTALLATION

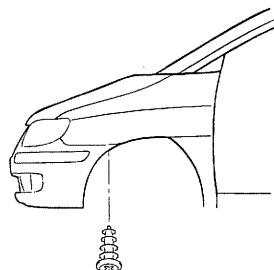
ESNB1300

1. Remove the 2 bolts holding the head lamp and disconnect the wire connector.
Remove the head lamp assembly.



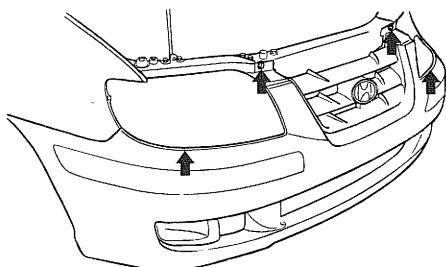
KSNB009B

2. Remove the screw holding the bumper cover at the fender wheel guard.



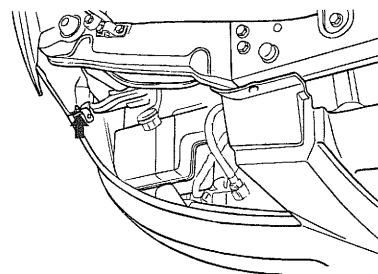
KSNB009C

3. Remove the 2 bolts and 2 screws holding the front bumper upper cover.



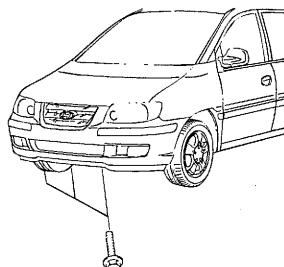
KSNB011A

4. Remove the nut mounting the bumper cover to the fender.



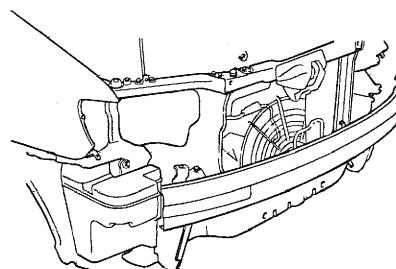
KSNB011B

5. Raise the vehicle then remove the 3 bolts holding the front bumper lower cover.



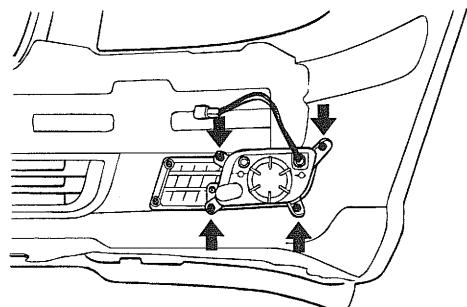
KSNB009D

6. Remove the front bumper cover and disconnect the wire connector to the front fog lamp.



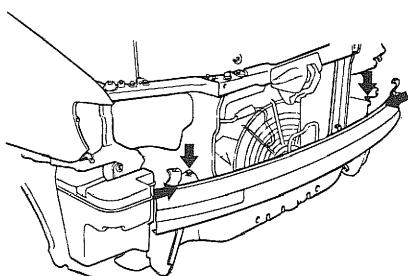
KSNB131A

7. Remove the front fog lamp after removing 4 screws.



KTNB013B

8. Remove the front bumper rail after removing the bolts and nuts.



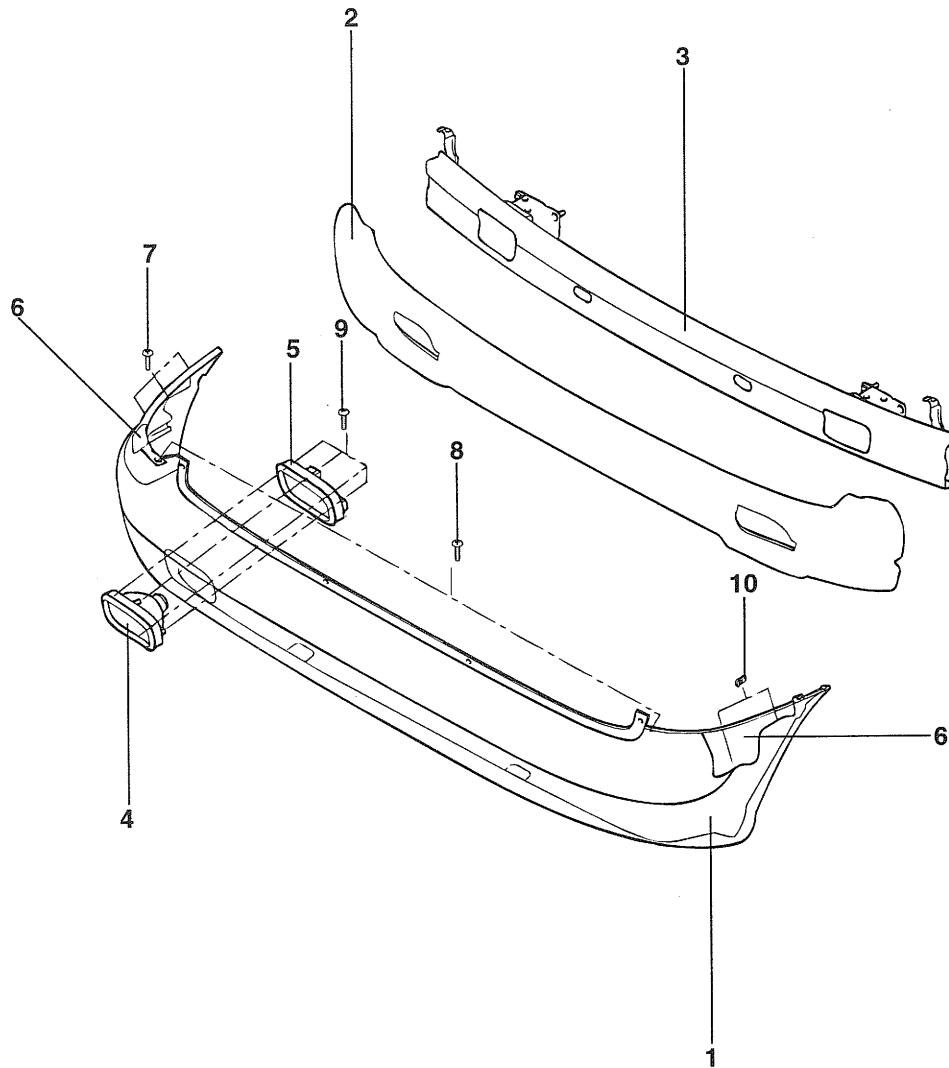
KSNB011C

9. Installation is the reverse of removal.

REAR BUMPER

COMPONENTS

ESNB1350



- 1. Rear bumper cover
- 2. Energy absorber
- 3. Rear bumper rail
- 4. Rear fog lamp

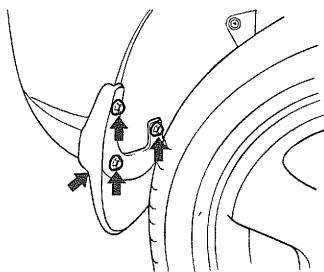
- 5. Rear fog lamp supporter
- 6. Side bracket
- 7. Clip
- 8. Retainer

- 9. Tapping screw
- 10. Clip

REMOVAL AND INSTALLATION

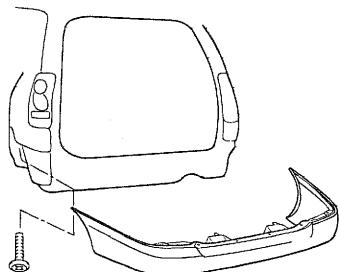
ESNB1400

1. Remove the screw and 3 bolts holding the rear mud guard.



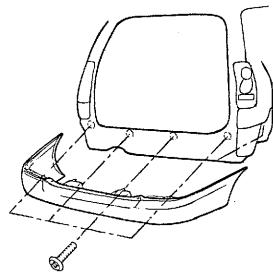
KSNB007P

2. Remove the screw holding rear bumper cover at the rear wheel housing.



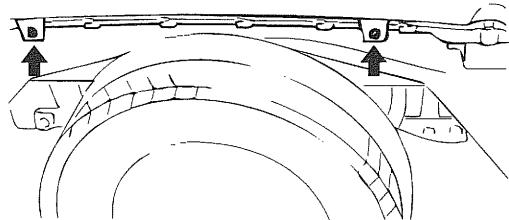
KSNB007T

3. Remove the 4 screws holding the rear bumper upper cover.



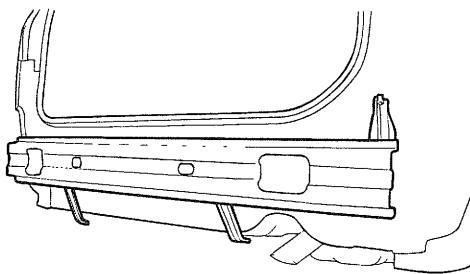
KSNB007R

4. Raise the vehicle then remove the 2 screws holding the rear bumper lower cover.



KSMB006F

5. Remove the rear bumper cover and disconnect the wire connector to the rear fog lamp.



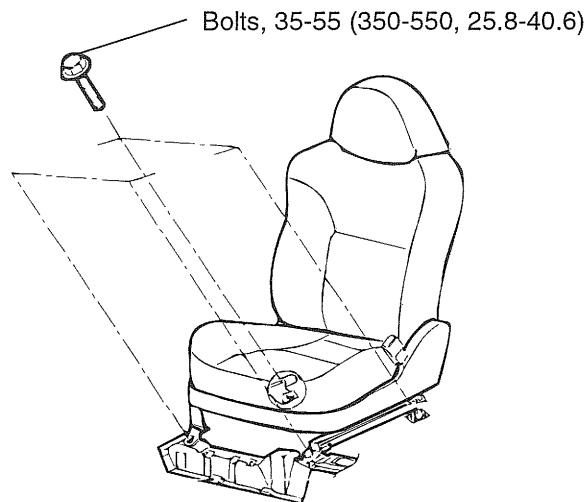
KSNB007S

SEAT

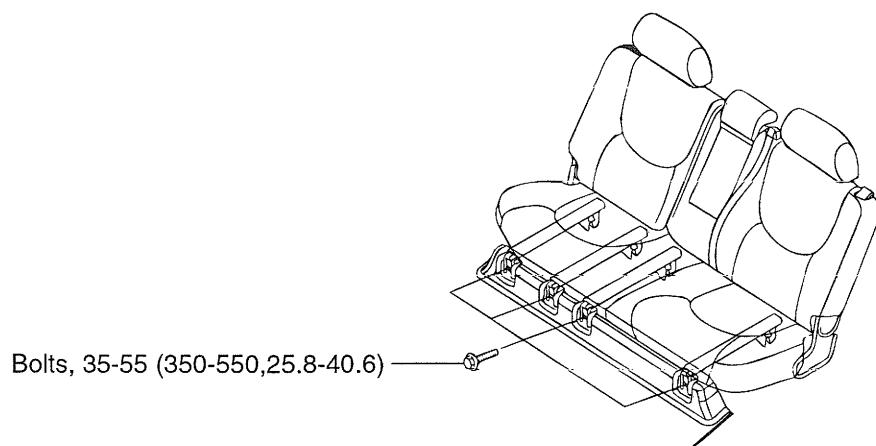
COMPONENTS

ESNB1450

[FRONT SEAT]



[REAR SEAT]



TORQUE : Nm (kg·cm, lb·ft)

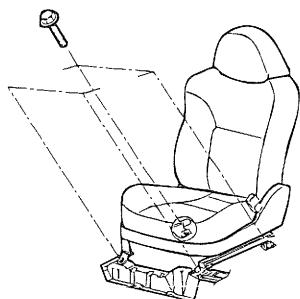
ESNB145A

REMOVAL AND INSTALLATION

ESNB1500

FRONT SEAT

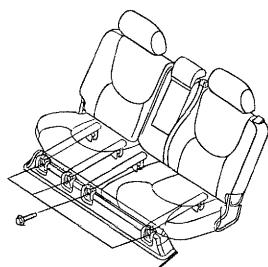
1. Remove the front seat mounting bolts (4EA), and disconnect the wire connectors.
Remove the front seat assembly.



KSMB008G

Tightening torque :35 - 55 Nm (350 - 550 kg·cm, 25.8 - 40.6 lb·ft)**REAR SEAT**

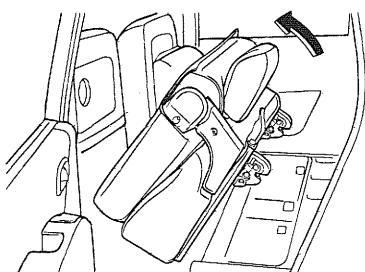
1. Remove the rear seat mounting bolts (4EA).



KSNB009A

Tightening torque :35 - 55 Nm (350 - 550 kg·cm, 25.8 - 40.6 lb·ft)

2. Remove the rear seat assembly with folding the rear seat up.



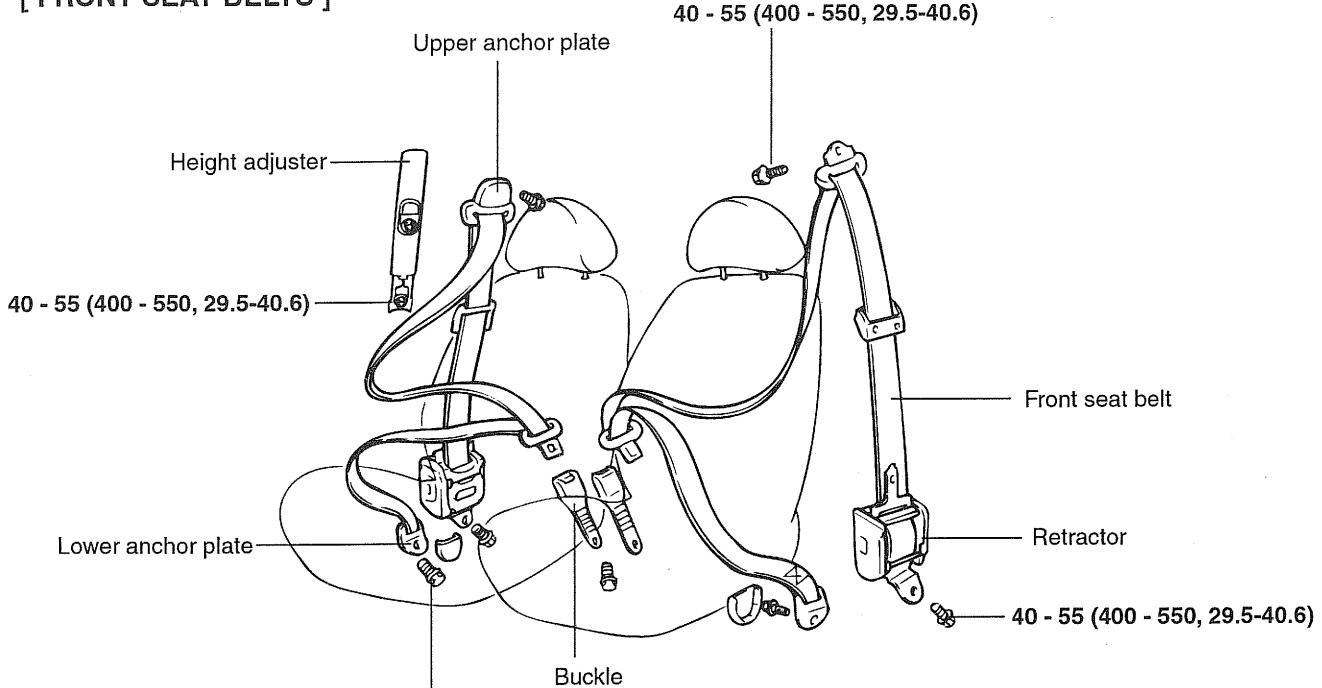
KSNB011D

FRONT SEAT BELT

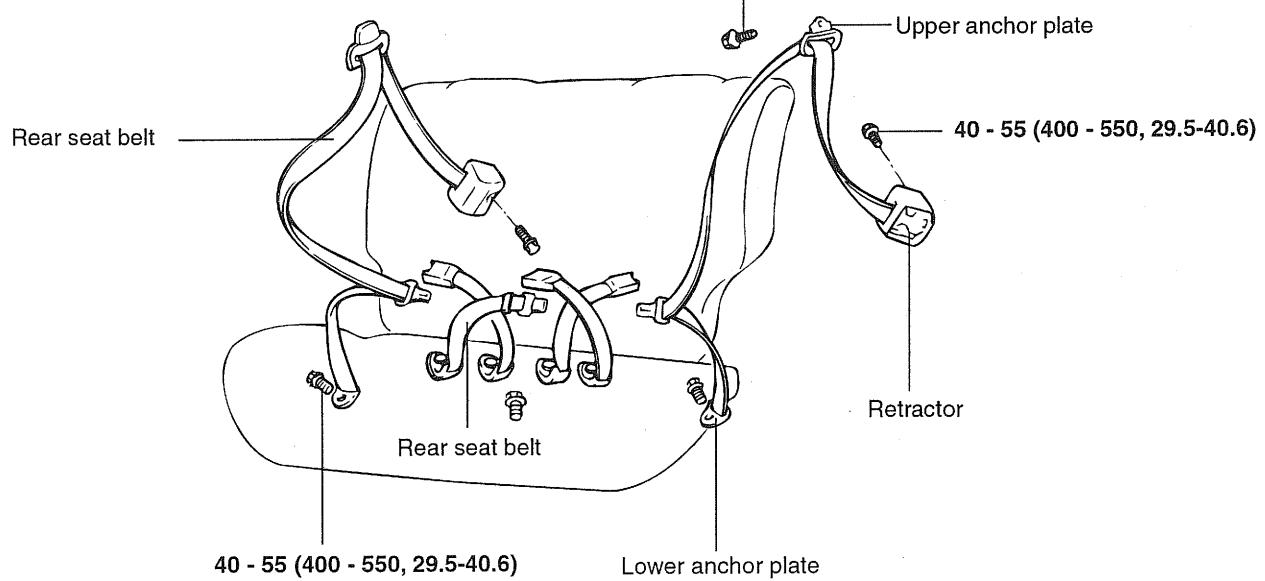
COMPONENTS

ESNB1550

[FRONT SEAT BELTS]



[REAR SEAT BELTS] 40 - 55 (400 - 550, 29.5-40.6) 40 - 55 (400 - 550, 29.5-40.6)



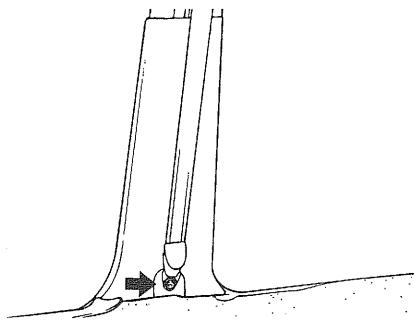
TORQUE : Nm (kg·cm, lb·ft)

ESNB155A

REMOVAL AND INSTALLATION

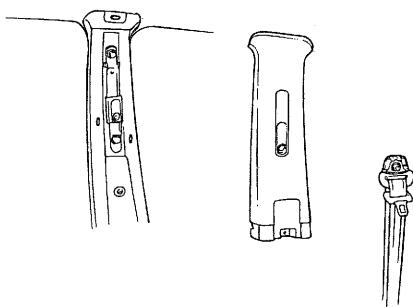
ESHA1850

1. Loosen the seat belt lower anchor bolt and remove the center pillar lower trim.



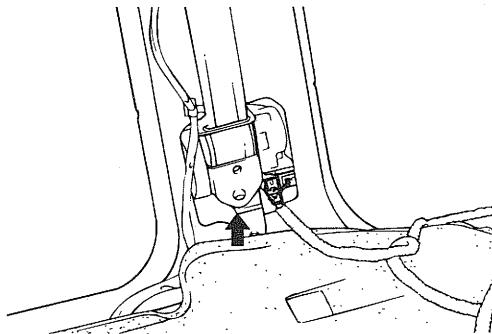
ESHA040I

2. Loosen the seat belt upper anchor bolt.



ESHA045B

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

4. Installation is the reverse of removal.

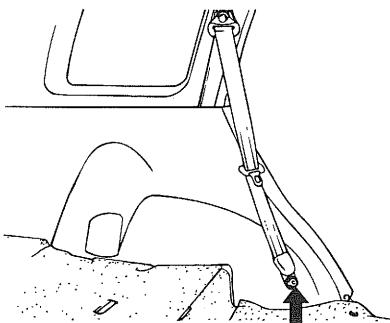
CAUTION

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 pre-tensioner. When it malfunctions, replace with a new pre-tensioner seat belt.
3. Be cautious in handling a pre-tensioner seat belt, and do not drop it in water, or oil. If crushed, damaged, or deformed, replace it with a new one.
4. Only connect the battery after installation of the pretensioner seat belt has been correctly completed.
5. Removal of the pretensioner seat belt :
 - Make sure that 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 out from the appropriate connector at the gas generator.
 - Loosen the bolt and remove the belt from the vehicle body.

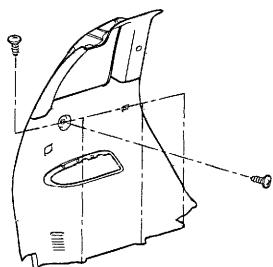
REAR SEAT BELT

REMOVAL AND INSTALLATION ESNB1650

1. Loosen the seat belt lower anchor bolt and remove the luggage side trim.

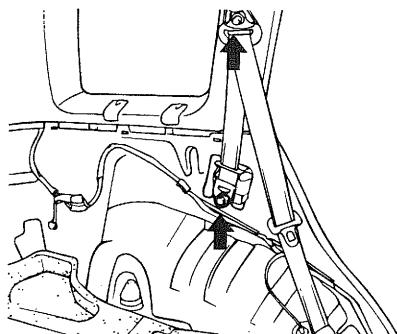


KSMB210A



KSNB001F

2. Loosen the seat belt upper anchor bolt and retractor mounting bolt, then remove the rear seat belt.



KSMB210C

Tightening torque

40 - 55 Nm (400 - 550 kg·cm, 29.5 - 40.6 lb·ft)

3. Installation is the reverse of removal.