

Body (Interior and Exterior)

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GENERAL**SPECIFICATIONS** E721288A

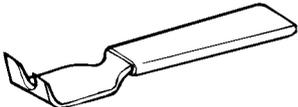
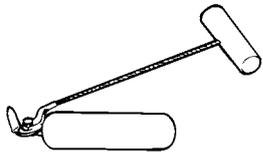
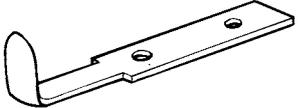
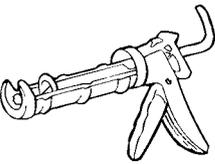
Hood - Type	Rear hinged, front opening type (gaslifter type)
Door - Construction - Regulator system - Locking system	Front hinged, full door construction Wire drum type Pin-fork system
Tailgate - Type	Inner hinged, gas lifter type
Glass thickness mm(in.) - Windshield glass - Door glass - Quarter fixed glass - Tailgate glass	5 (0.20) 5 (0.20) 3.2 (0.13) 3.5 (0.14)
Seat belt	3 point type with E.L.R

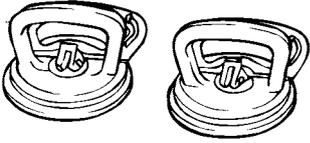
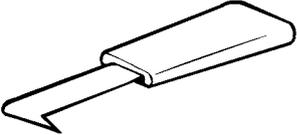
E.L.R. : Emergency Locking Retractor

TIGHTENING TORQUE

	N·m	Kgf·m	lbf·ft
Door			
- Door hinge to body	34.3~41.2	3.5~4.2	25.3~30.4
- Door hinge to door	9.8~11.8	1.0~1.2	7.2~8.7
- Door striker mounting bolt	16.7~21.6	1.7~2.2	12.3~15.9
Tailgate			
- Tailgate hinge to body	21.6~26.5	2.2~2.7	15.9~19.5
- Tailgate hinge to tailgate	6.9~8.8	0.7~0.9	5.1~6.5
- Tailgate latch mounting bolt	6.9~8.8	0.7~1.1	5.1~8.0
- Tailgate striker mounting bolt	8.8~13.7	0.9~1.4	6.5~10.1
Hood			
- Hood hinge to body	21.6~26.5	2.2~2.7	15.9~19.5
- Hood hinge to hood	21.6~26.5	2.2~2.7	15.9~19.5
- Hood latch to body	6.9~10.8	0.7~1.1	5.1~8.0
- Gas lifter mounting bolt	8.8~13.7	0.9~1.4	6.5~10.1
Seat			
- Front seat to floor, Bolt	34.3~53.9	3.5~5.5	25.3~39.8
- Rear seat back center bracket, Bolt	16.7~25.5	1.7~2.6	12.3~13.7
- Rear seat back lower side bracket, Bolt	16.7~25.5	1.7~2.6	12.3~13.7
- Rear seat cushion mounting, Bolt	16.7~25.5	1.7~2.6	12.3~13.7
Seat belt			
- Front seat belt retractor mounting bolt	39.2~53.9	4.0~5.5	28.9~39.8
- Front seat belt upper anchor mounting bolt	39.2~53.9	4.0~5.5	28.9~39.8
- Front seat belt sliding bar mounting bolt	39.2~53.9	4.0~5.5	28.9~39.8
- Front seat belt height adjuster mounting bolt	39.2~53.9	4.0~5.5	28.9~39.8
- Rear seat belt retractor mounting bolt	39.2~53.9	4.0~5.5	28.9~39.8
- Rear seat belt upper anchor mounting bolt	39.2~53.9	4.0~5.5	28.9~39.8
- Front seat belt buckle mounting bolt	39.2~53.9	4.0~5.5	28.9~39.8
Sunroof			
- Sunroof lid panel mounting, Nut	6.9~8.8	0.7~0.9	5.1~6.5
- Sunroof assembly mounting, Bolt	6.9~10.8	0.7~1.1	5.1~8.0

SPECIAL TOOLS EF7B93BB

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

Tool (Number and name)	Illustration	Use
09861-31400 Glass holder	 <p style="text-align: right; margin-right: 20px;">ESA9010L</p>	Removal and installation of the windshield
09861-31000 Windshield moulding remover	 <p style="text-align: right; margin-right: 20px;">ESA9010M</p>	Removal of the windshield moulding

TROUBLESHOOTING E59FECAF

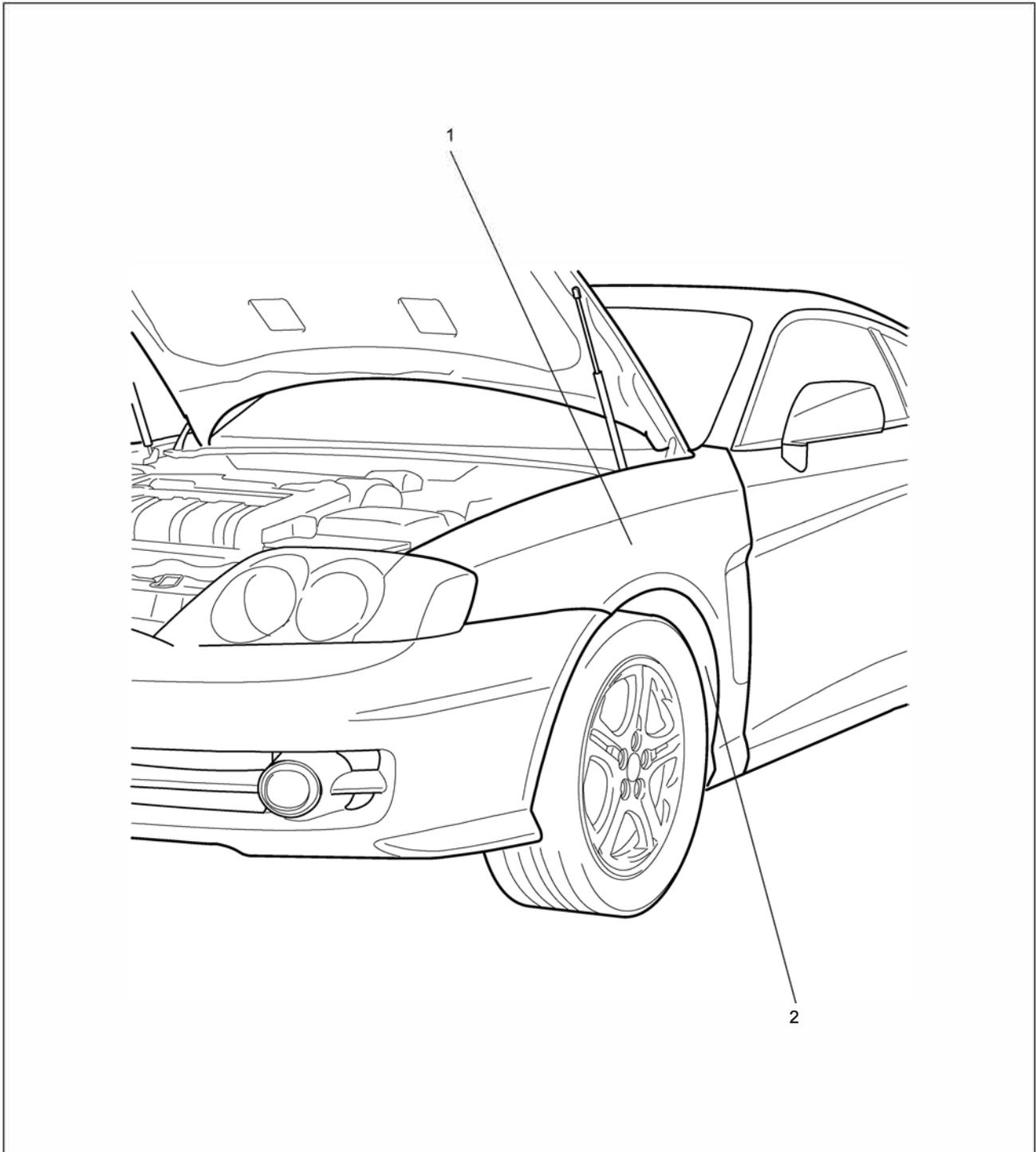
Trouble symptom	Probable cause	Remedy
Water leaks from sunroof	Dirt accumulated in drain tube	Clear dirt inside of drain
	Clogged drain tube	Blow air into drain to remove dirt
	Broken or dislocated drain tube, defective or cracked clip	Check tube installation and flange contact
	Deteriorated roof lid 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

COMPONENTS E3DB598A

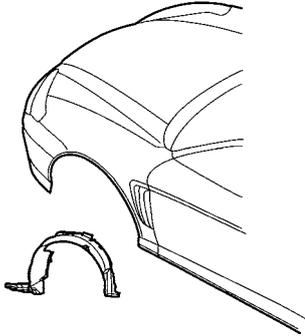


1. Fender

2. Wheel guard

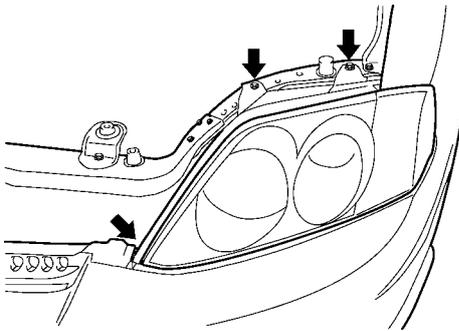
REMOVAL AND INSTALLATION E1955F0C**FENDER**

1. Remove the front mud guard and wheel guard.



KSOB010A

2. Remove the 3 bolts holding the head lamp and disconnect the wire connector. Remove the head lamp assembly.



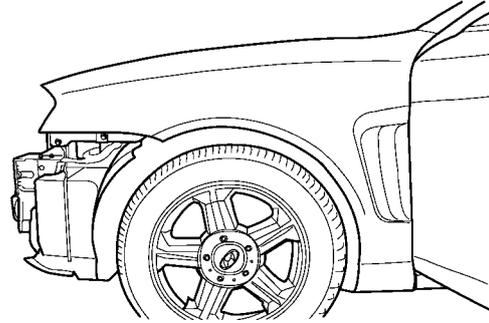
KSOB010C

3. Remove the front bumper. (refer to front bumper group)

4. Remove the fender mounting bolts and remove the fender panel assembly.

 **CAUTION**

Use care to avoid damaging the paint.



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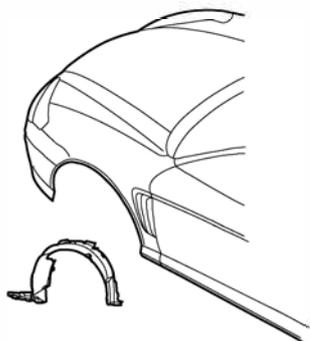
5. Installation is the reverse of the removal.

 **NOTE**

In order to prevent the fender mounting bolt area from forming rust, apply tape sealer between the fender and the bodypanel.

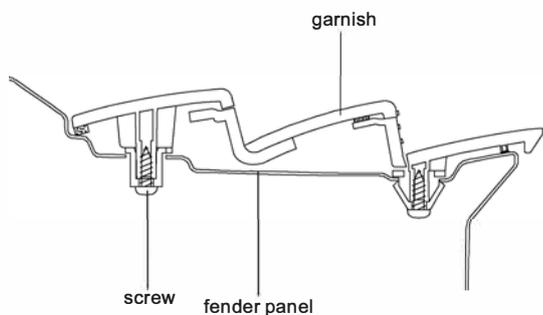
FENDER GARNISH

1. Remove the wheel guard.

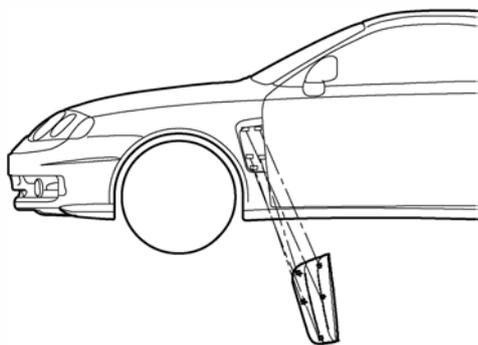


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2. Loosen the fender garnish mounting screws and then remove the fender garnish.



ESOB050A



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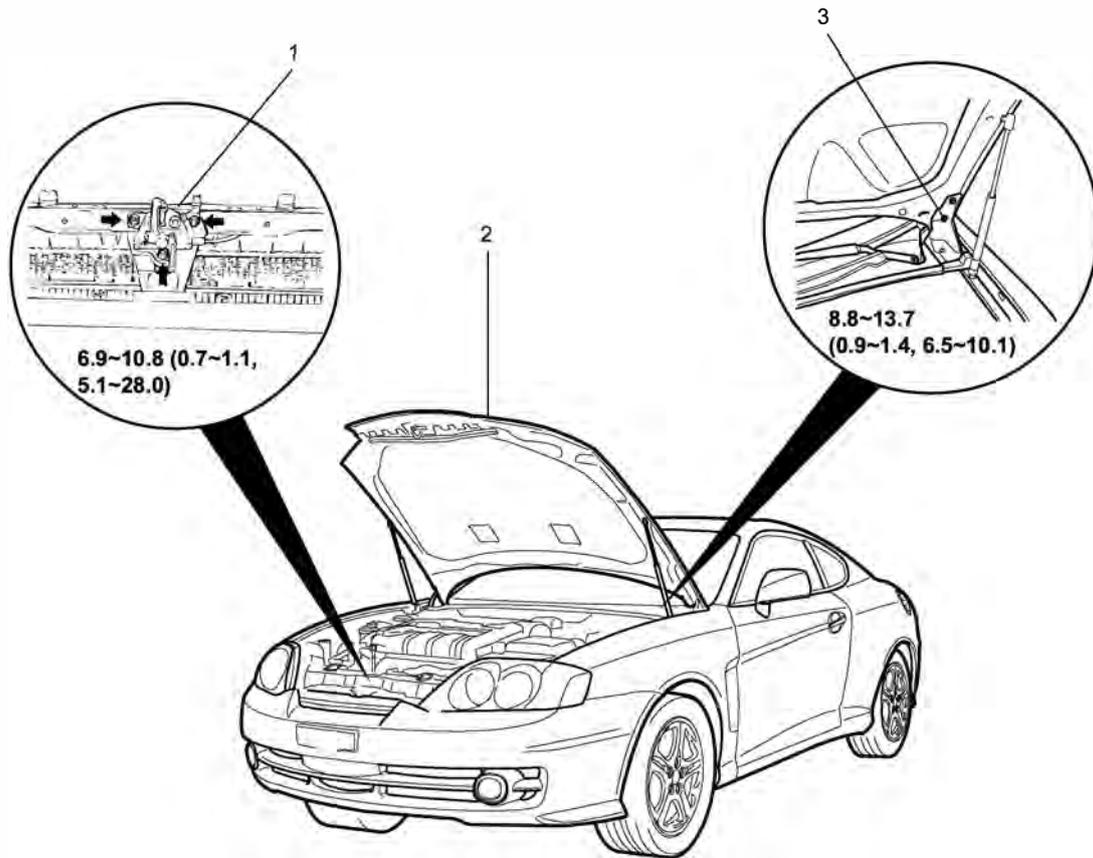
3. Installation is the reverse of the removal.

 **CAUTION**

1. *When installing garnish, be careful not to deform the fender panel.*
2. *Engage the clip part on the garnish into the fender panel securely until it makes "click" sound.*

HOOD

COMPONENTS ECE9F030



TORQUE : N•m (kgf•m, lbf•ft)

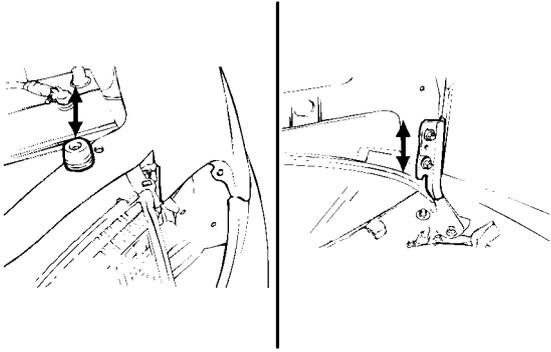
- 1. Hood latch
- 2. Hood

- 3. Hood hinge

ADJUSTMENT ECA52832

HOOD HINGE

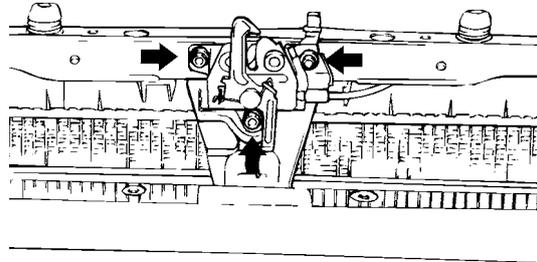
1. Loosen the hood hinge mounting bolt.
2. Adjust the longitudinal and lateral positions of the hood by utilizing the holes in the hinge.
3. Adjust front edge of hood in vertical direction by adjusting the hood stop and adjusting bumpers.



ESOB070A

HOOD LATCH

1. Loosen the hood lock mounting bolts.
2. Adjust the alignment of the hood latch by adjusting the vertical and lateral position of the lock and by adjusting the height of the hood.

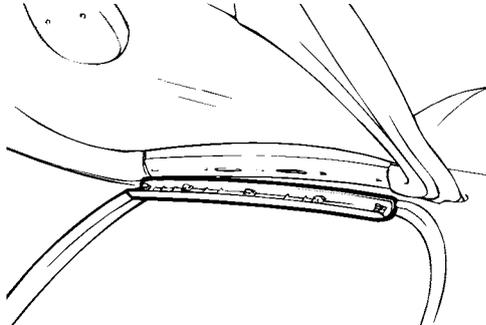


ESJA001D

TAIL GATE

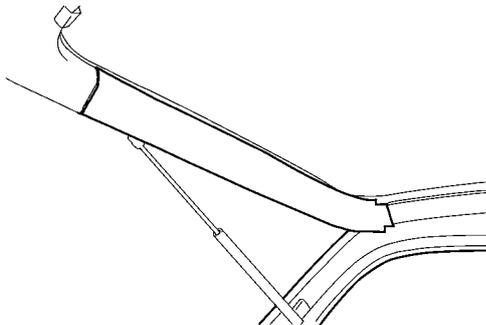
REMOVAL AND INSTALLATION E60A123C

1. Remove the tailgate frame upper trim.



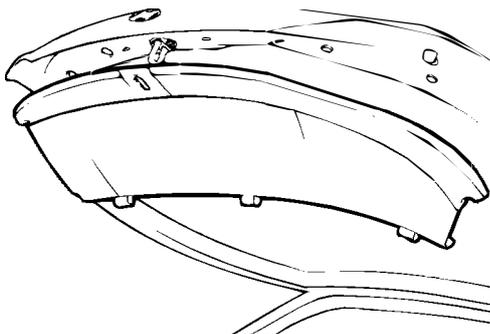
ESOB090B

2. Remove the tailgate glass side trim.



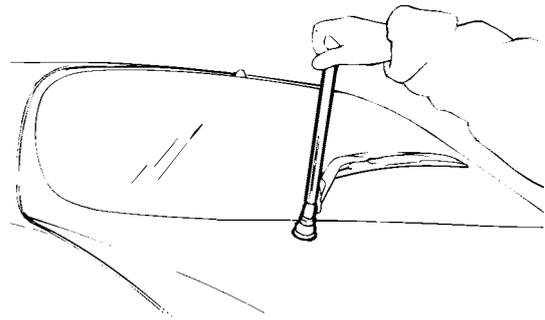
KSOB030B

3. Remove the tailgate trim panel.



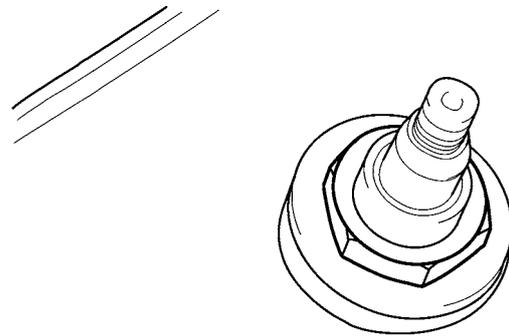
ESOB090A

4. Remove the rear wiper arm.



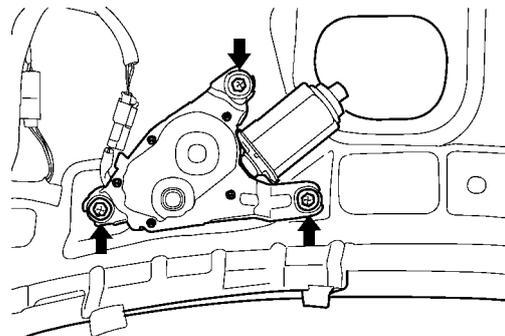
ESOB090C

5. Remove the hexagonal nut.



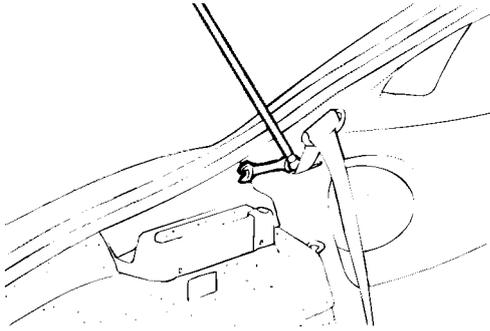
KSOB030H

6. Remove the rear wiper motor mounting 3 bolts and disconnect the wire connector. Remove the rear wiper motor.



KSOB030I

7. Remove the tailgate lifter with ball joint.



ESOB090D

NOTE

When replacing the tailgate lifter, the ball joint should be replaced at the same time.

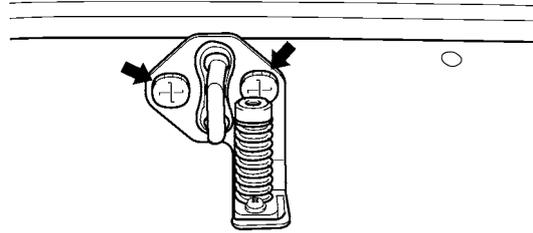
Tightening torque:

10.8~15.7 N·m (1.1~1.6 kgf·m, 8.0~11.6 lbf·ft)

ADJUSTMENT

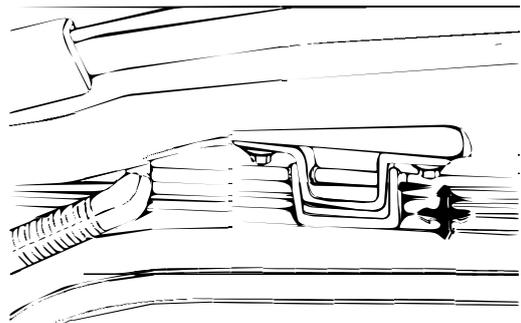
E67215FA

1. Adjust the striker upward or downward, and rightward or leftward until the tailgate is flush with the rear edge of the body.



KSOB035A

2. Adjust the tailgate hinges rightward or leftward as necessary to equalizer the gap between the tailgate and body.

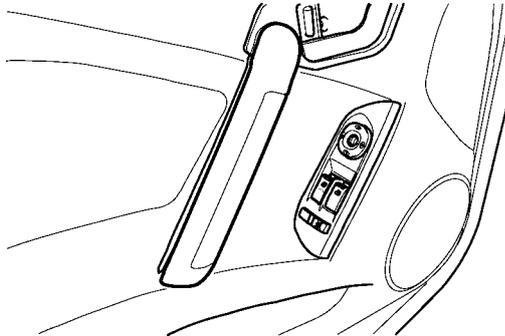


KSMB030B

FRONT DOOR

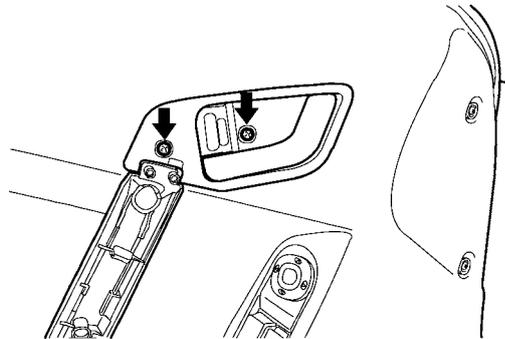
REMOVAL AND INSTALLATION EBA319EF

1. Remove the grip handle using a remover.



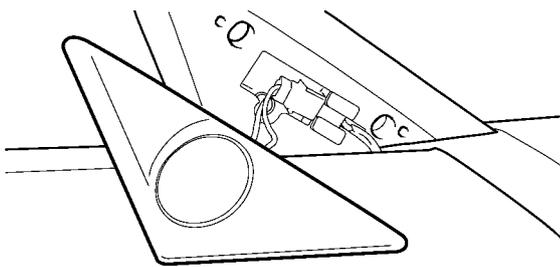
KSOB050A

2. Remove the inside handle housing.



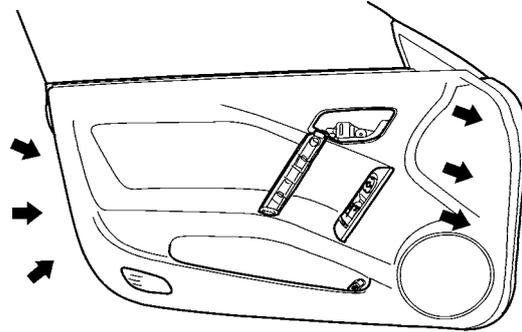
KSOB050B

3. Remove the tweeter speaker using a remover.



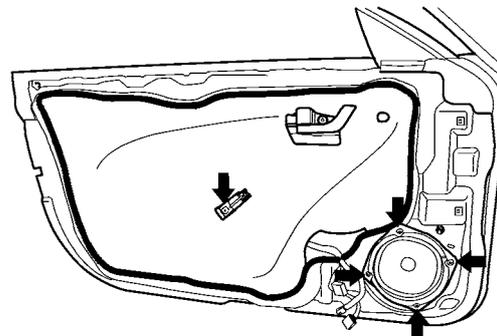
KSOB050C

4. Remove the mounting screws and remove the door trim panel. Disconnect the wire connectors.



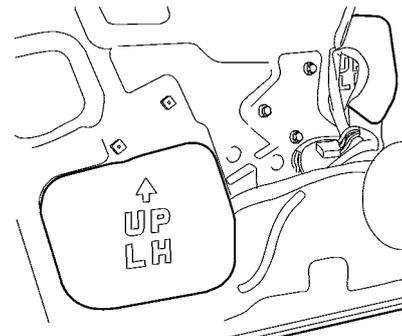
KSOB050D

5. Remove the door grip handle mounting bracket, speaker and door trim seal.



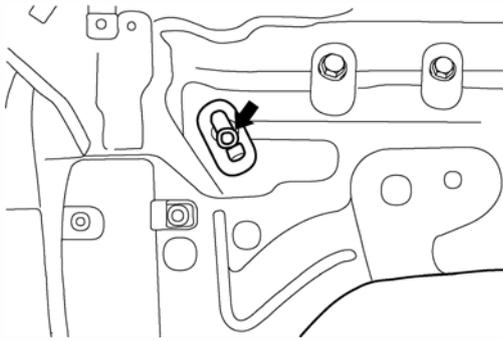
KSOB050E

6. Remove the door tooling hole cover.



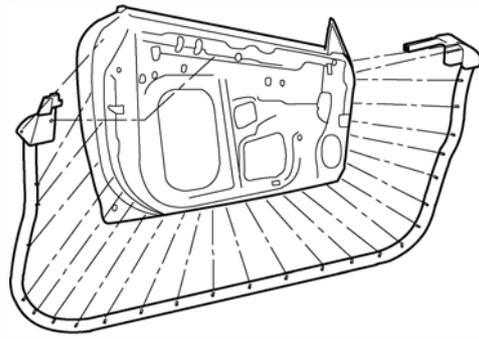
KSOB050F

7. Remove the door glass stopper catch.



KSOB050G

10. Remove the door side weather strip.

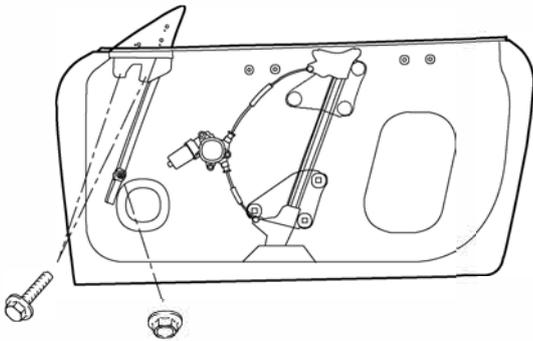


KSOB050S

Tightening torque:

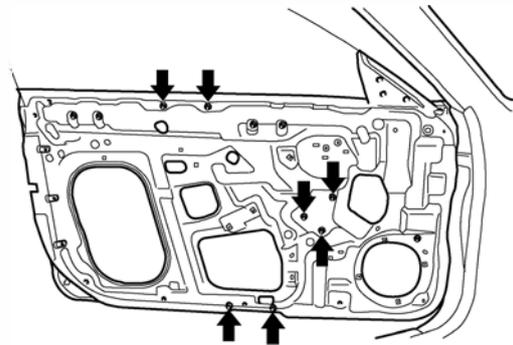
3.9~5.9 N·m (0.4~0.6 kgf·m, 2.9~4.3 lbf·ft)

8. Remove the door delta chassis.



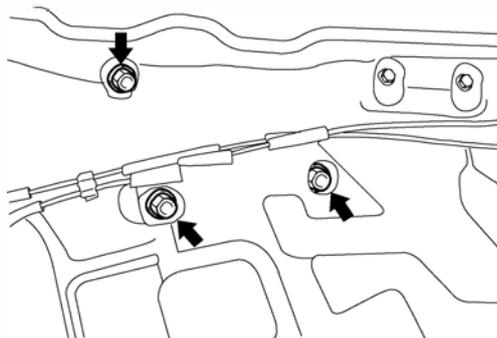
KSOB050N

11. Loosen the mounting nuts and remove the regulator assembly.



KSOB050J

9. Remove the glass stopper bolts, remove the window glass.

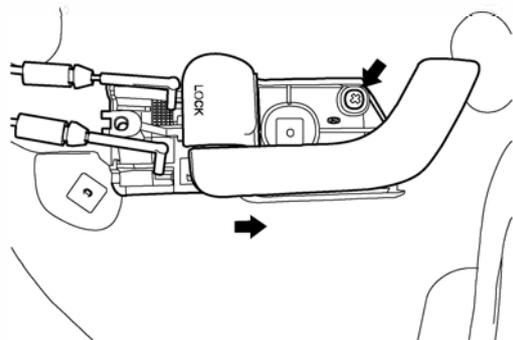


KSOB050H

Tightening torque:

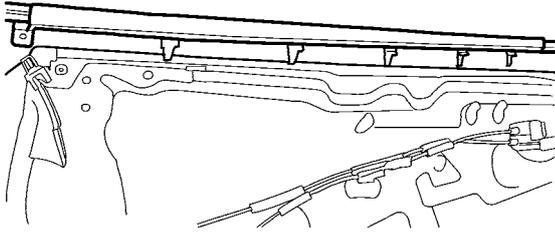
8.8~13.7 N·m (0.9~1.4 kgf·m, 6.5~10.1 lbf·ft)

12. Disconnect the cable, after loosening the inner handle mounting screw, push the inner handle toward the direction shown in the illustration and remove it.



KSOB050K

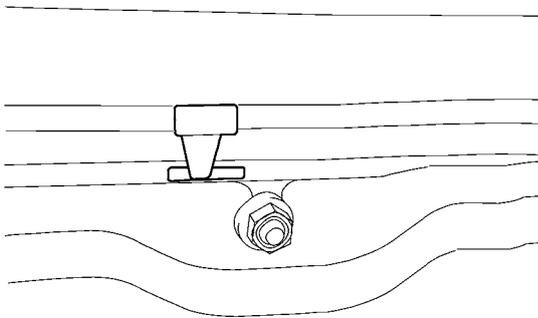
13. Remove the door outside belt.



KSOB050I

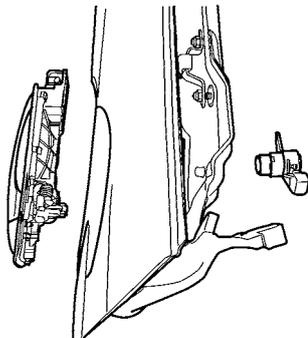
NOTE

Install the door outside belt to the inside of groove of the door panel.



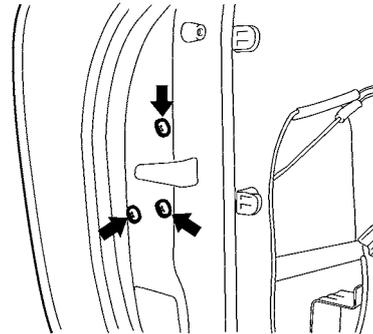
KSOB050O

14. Remove the door outside handle and key cylinder.



KSOB050M

15. Remove the door latch assembly mounting screws and remove the door latch assembly.

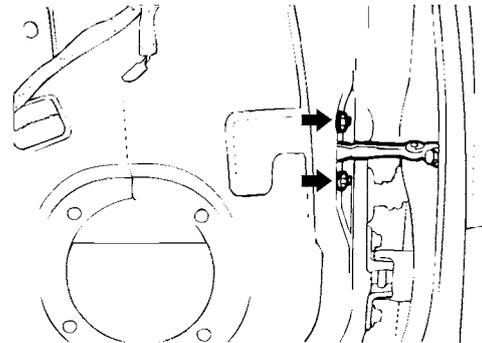


KSOB050L

Tightening torque:

16.7~21.6 N·m (1.7~2.2 kgf·m, 12.3~15.9 lbf·ft)

16. Remove the door checker.



ESOB110A

17. 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 EE24C8F8**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 body.

The door and body edges should also be parallel.

 **CAUTION**

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

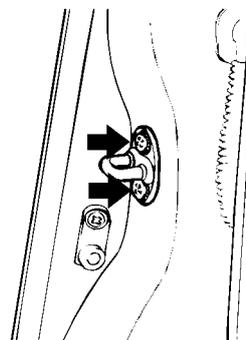
DOOR STRIKER

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 or OUT to make the latch fit tighter or looser. Move the striker UP or DOWN to align it with the latch opening. Then lightly tighten the screws and recheck.

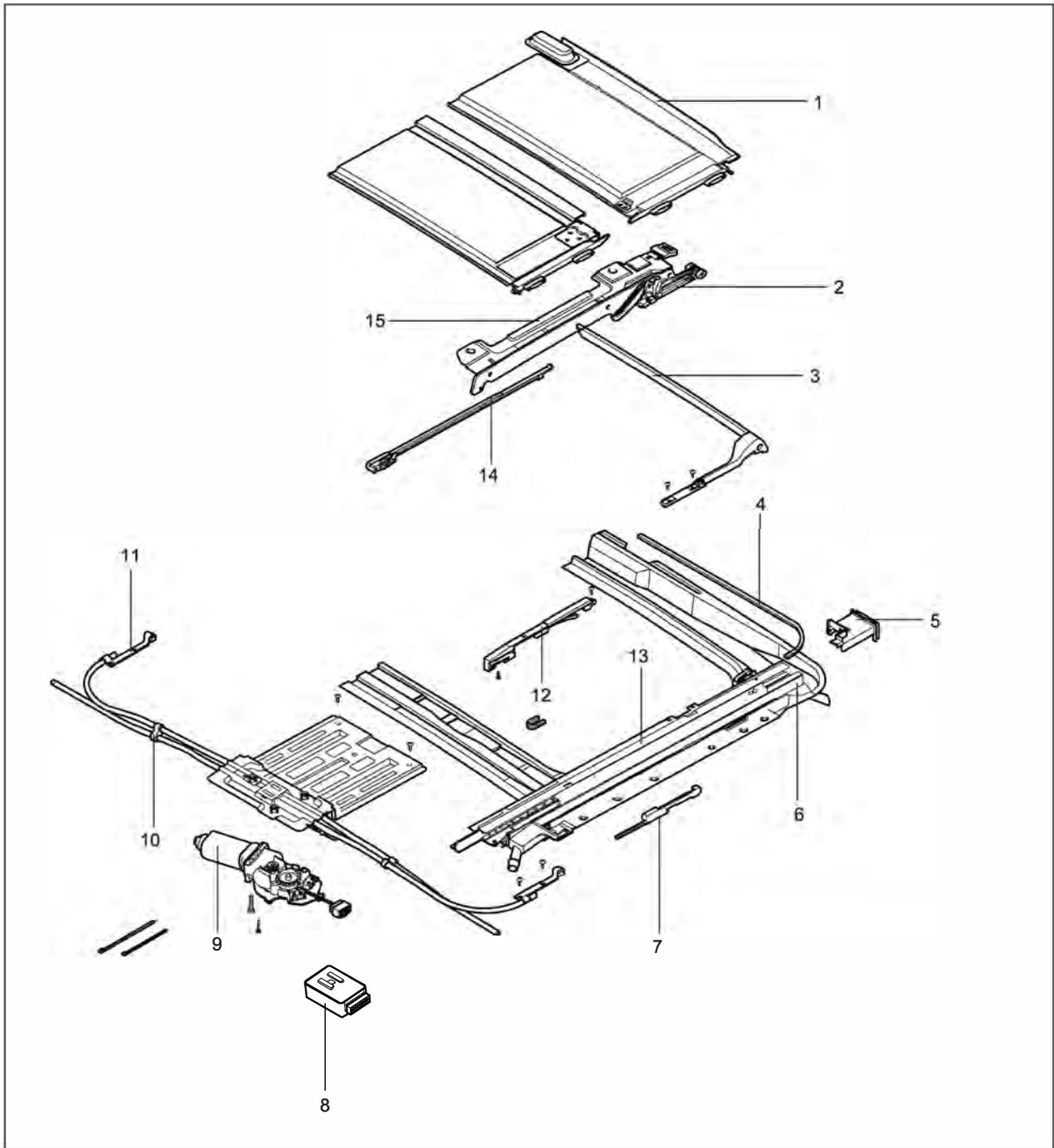
 **NOTE**

Hold the outside handle out and push the door against the body to ensure the striker allows a flush fit.



SUN ROOF

COMPONENTS E0A8E882



- 1. Sunshade
- 2. Slider
- 3. Deflector Assembly
- 4. Seal Tape
- 5. Front Drip

- 6. Frame Assembly
- 7. Drive Cable
- 8. Controller
- 9. Motor
- 10. Drive Unit Assembly

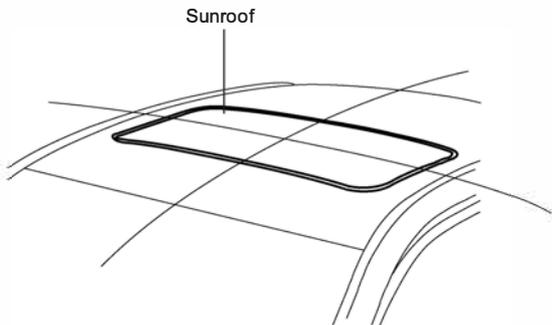
- 11. Stopper
- 12. Sunshade Cam
- 13. Rail
- 14. Shutting Rail
- 15. Guide Assembly

ON-VEHICLE INSPECTION E45A5CBF

INSPECT SUNROOF GLASS ALIGNMENT

1. Start the engine and check the operating time of the sunroof.

Operating time: Approx. 5 secs.



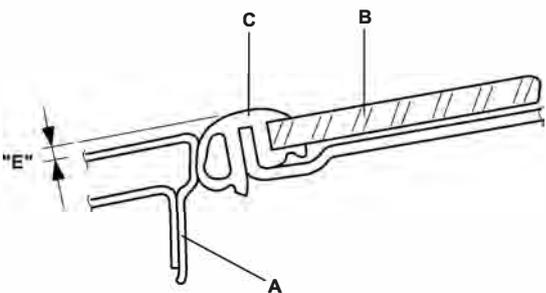
ESOE007B

2. Check for abnormal noise or bending during operation.
3. With the sunroof fully closed, check for water leakage.
4. The roof panel (A) should be even with the glass (B) weatherstrip (C), to within the standard value "E" all the way around. If not, make the following adjustment.

Standard value "E"

Front edge: 2+0/-1mm (0.08+0/-0.04in.)

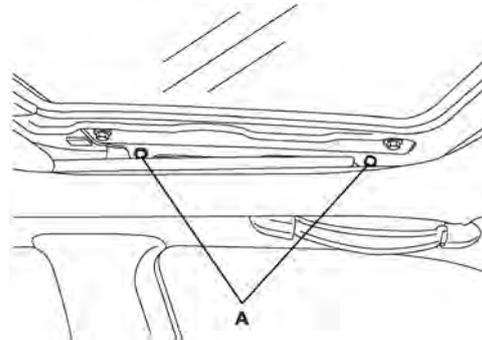
Rear edge: 2+1/-0mm (0.08+0.04/-0in.)



ESOE007C

5. If the position is not as specified, lightly loosen the glass adjusting screw (A) to adjust the glass height and tighten it.

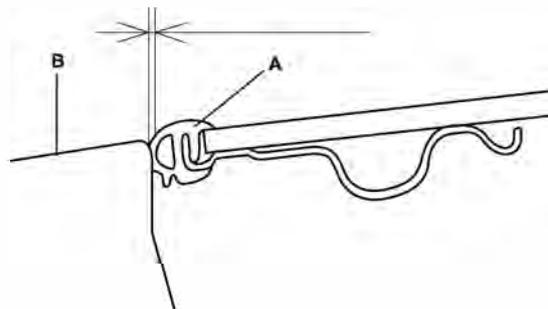
Tightening torque: 2.0~3.9 N·m (0.2~0.4 kgf·m, 1.4~2.9 lbf·ft)



ESOE007D

6. Check for overlap between the sunroof weatherstrip (A) and the roof panel (B).

Standard value: 1.1 mm

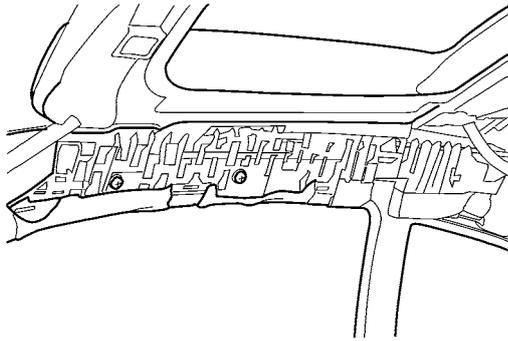


ESOE007E

REMOVAL ECA7FAFD

1. Remove the sun-roof as the following order.

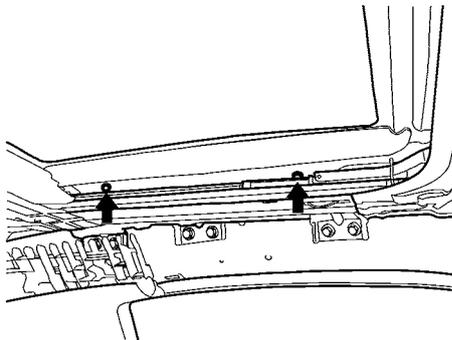
- 1) Over head console.
- 2) Sun visor and clips.
- 3) Trims.
- 4) Roof side rain force trim.



KSOB055B

5) Seat and seat belt

2. After removing the decoration cover, remove the glass.

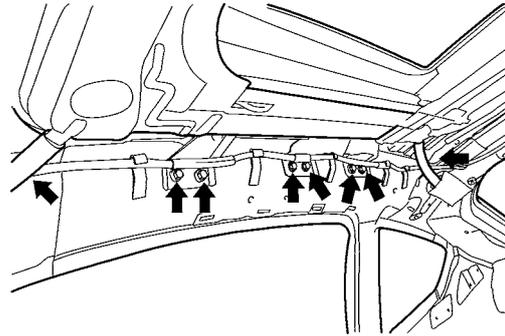


KSOB055A

Tightening torque:

3.9~5.9 N·m (0.4~0.6 kgf·m, 2.9~4.3 lbf·ft)

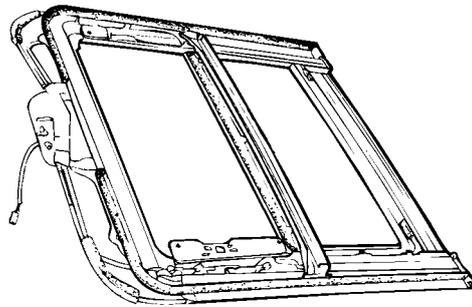
4. Remove the sun-roof mounting bolts and nuts, and then remove the sun-roof.



KSOB055C

CAUTION

Be care ful not to damage the other parts, while removing the sun-roof.



ESA9011B

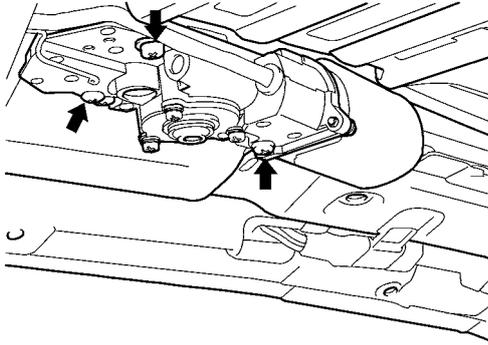
Tightening torque:

3.9~5.9 N·m (0.4~0.6 kgf·m, 2.9~4.3 lbf·ft)

3. Disconnect the drain hose.

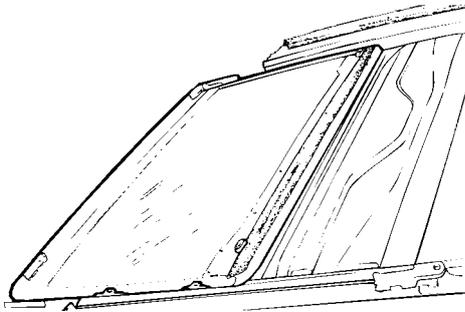
DISASSEMBLY E5D582C1

1. Remove the motor.



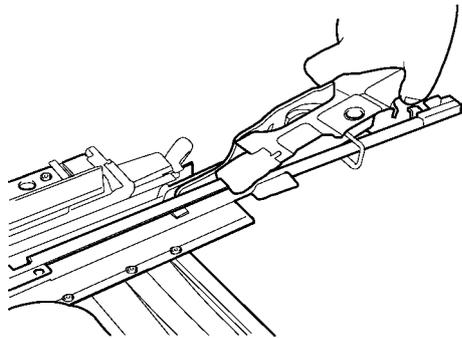
KSOB060P

2. Remove the front drip.
3. Remove the sun shade.



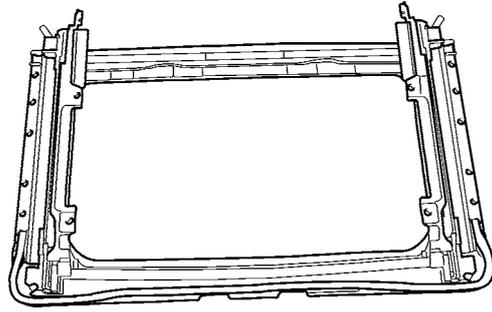
ESA9011E

4. Remove the drive unit and the guide assembly.



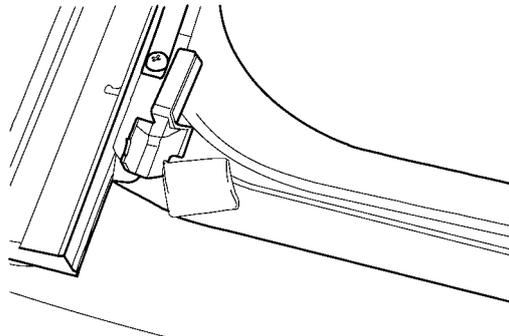
KSOB055H

5. Remove the deflector.



KSOB055I

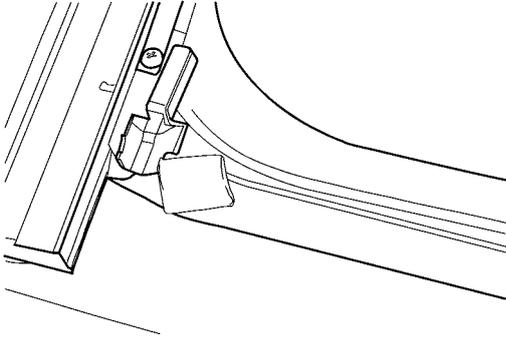
6. Remove the spring.



KSOB060A

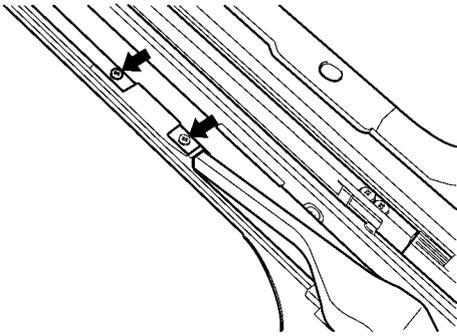
REASSEMBLY E7E9F326

- 1. Install the spring base.



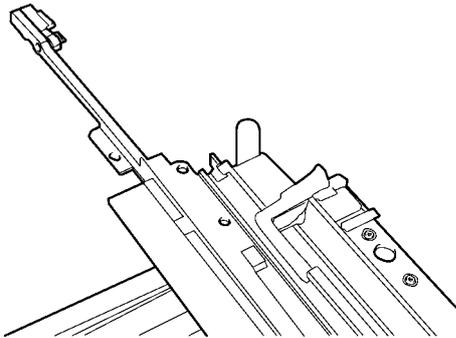
KSOB060A

- 2. Install the deflector assembly (After installing the clip, install the link base stopper.)



KSOB060B

- 3. Insert the shutting into the rail.

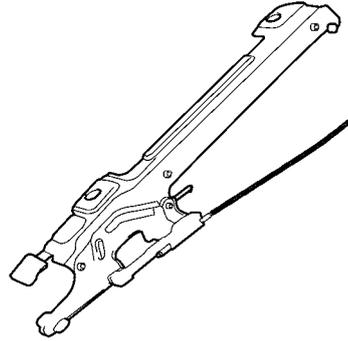


KSOB060C

 **CAUTION**

Do not confuse the left and right sides.

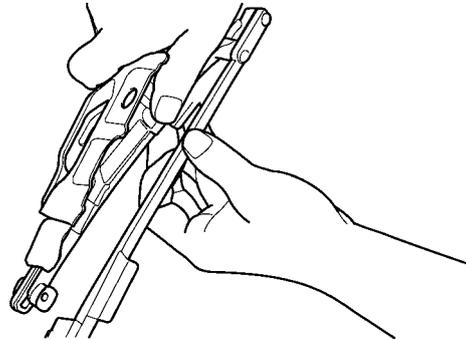
- 4. Install the cable to the guide assembly.



KSOB060D

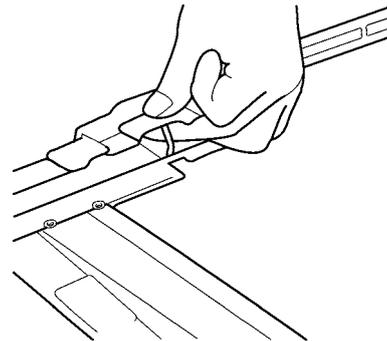
- 5. Move the timing front edge to be aligned with the slide of the guide assembly.

- 6. Align the protrusion of the slide with the groove of the shutting.



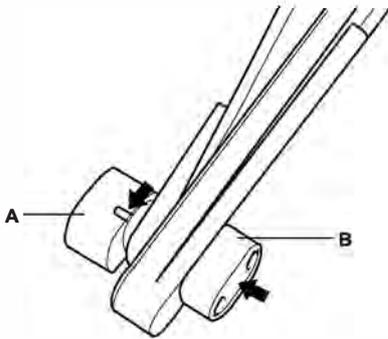
KSOB060E

- 7. Grab the pin by finger to avoid interference with other parts.



KSOB060F

8. Face the protrusion of "shoe A" upward, the cushion of "shoe B" downward.



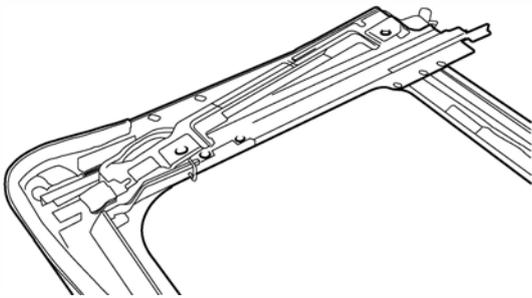
KSOB060G

11. Insert the motor cable into the drive unit assembly tube.



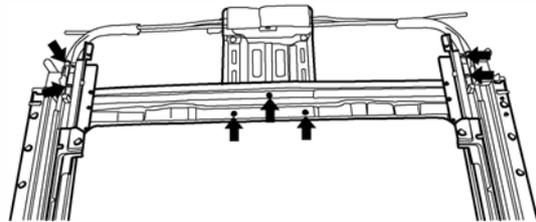
KSOB060J

9. Fully insert the guide assembly into the rail.



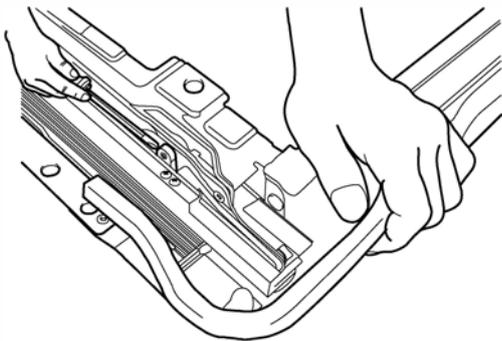
KSOB060H

12. Install the drive unit assembly to the rail.



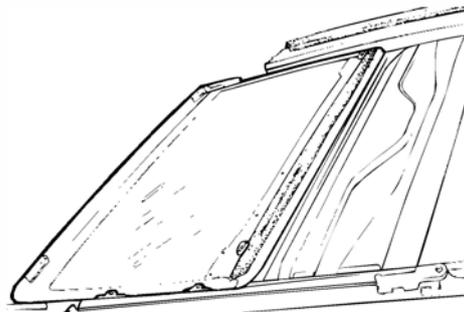
KSOB060K

10. Completely push the slide until it touches the timing front using a screw driver.



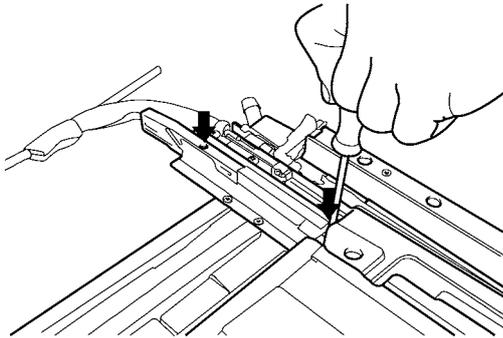
KSOB060I

13. Install the sun shade.



ESA9011E

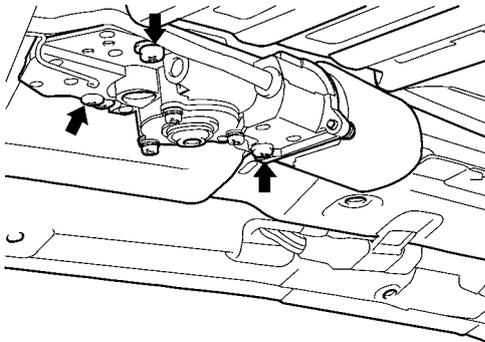
14. Install the sun shade cam to the groove of the sun-roof rail.



KSOB060L

15. Install the front drip.

16. Install the motor and controller, and connect the connector.

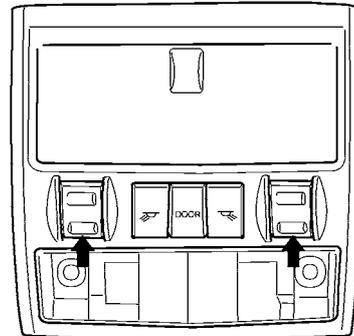


KSOB060P

ADJUSTMENT EC2F975C

INITIAL SETTING (GENERAL, OPERATION)

To the initial state, with the ignition key OFF and sunroof CLOSED, simultaneously press the open and up switches and turn the ignition switch ON, then the sunroof will automatically tilt up and down and stops.



KSOB071A

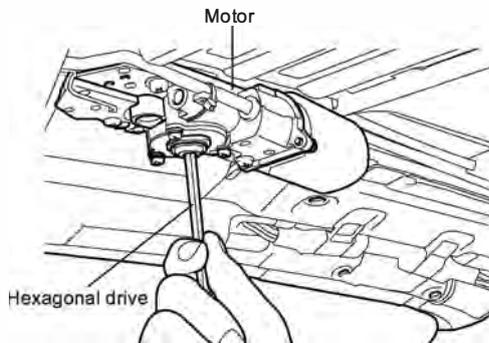
NOTE

- Always initiates the sunroof in the following condition.
 - After manual operation
 - After parts replacement including motor, controller, harness
 - Malfunction of sunroof wiring
 - Abnormal operation after battery and fuse replacement

- Follow the general operation procedure for initial setting after reassembly.

OPERATING THE SUNROOF EMERGENCY HANDLE

1. Use the sunroof emergency handle to close and open the sunroof manually for the following case only:
 - To close the sunroof before driving a vehicle in a rainy day or on the highway if the sunroof cannot be closed due to failure of the sunroof motor or controller.



ESOE007S

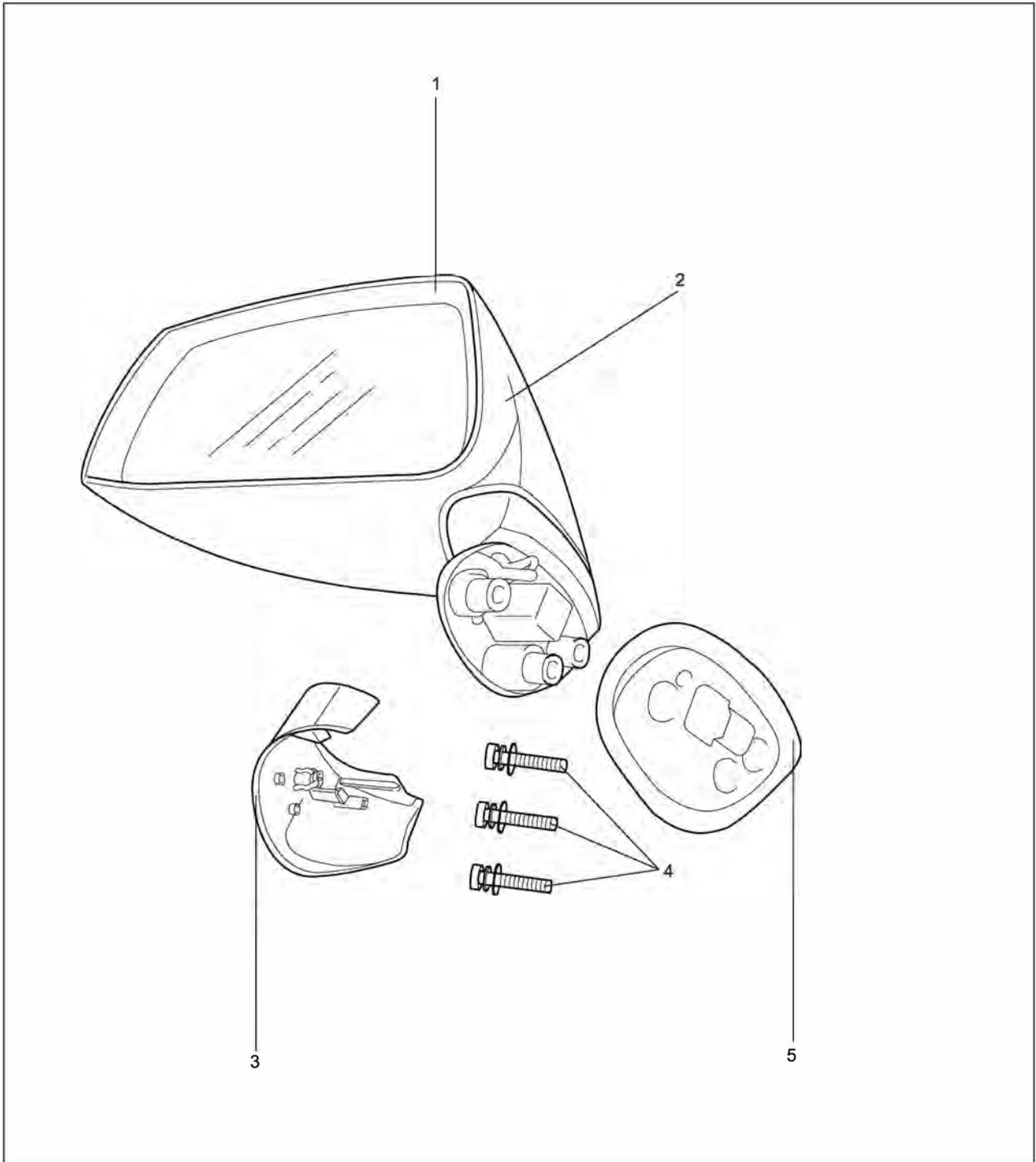
2. Operating method
 - Remove the overhead console.
 - Push the emergency handle up into the hexagonal drive (A) of the sunroof motor (B). You must push hard enough to disengage the motor clutch; otherwise the emergency handle will slip due to uncompletely fit in the motor.
 - Carefully turn the emergency handle clockwise to close the sunroof.
 - After closing the sunroof, wiggle the handle back and forth as you remove the tool from the motor, to ensure the motor clutch reengages.
 - A 5mm hex socket may be used in place of the emergency handle, with a "Speeder" type handle.

 **CAUTION**

***Do not use power tools to operate the sunroof.
Damage to the components may occur.***

MIRROR

COMPONENTS EB8FDE58

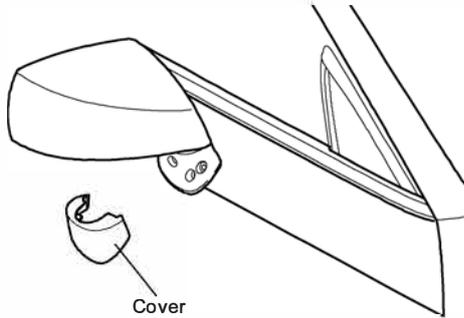


- 1. Outside rear view mirror assembly
- 2. Outside rear view mirror housing
- 3. Outside rear view mirror cover

- 4. Bolts
- 5. Outside rear view mirror seal

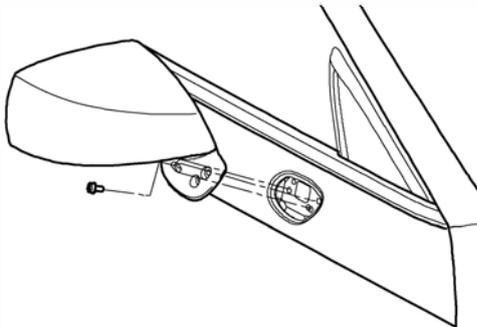
REMOVAL AND INSTALLATION E94316AE**OUTSIDE REARVIEW MIRROR**

1. Remove the outside rearview mirror cover.



ESOE100A

2. Loosen the mounting bolts, disconnect the connector and then remove the outside rearview mirror.



KSOB100B

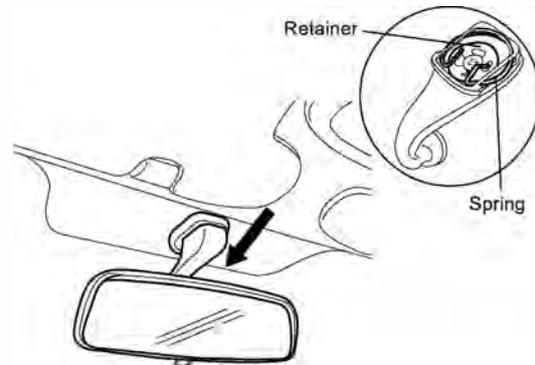
Tightening torque:

6.9~10.8 N·m (0.7~1.1 kgf·m, 5.1~8.0 lbf·ft)

3. Installation is the reverse of removal.

INSIDE REARVIEW MIRROR

1. Remove the rearview mirror.



ESOE100C

2. Installation is the reverse of removal.

DISASSEMBLY E1AB29B9 **CAUTION**

Wear gloves to remove and install the mirror holder.

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

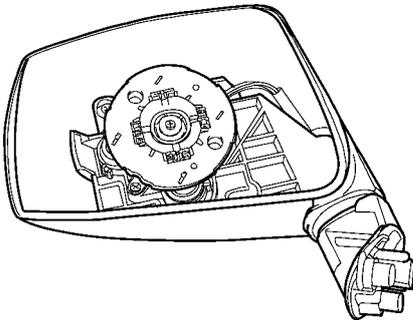


KSOB110A

 **CAUTION**

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

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



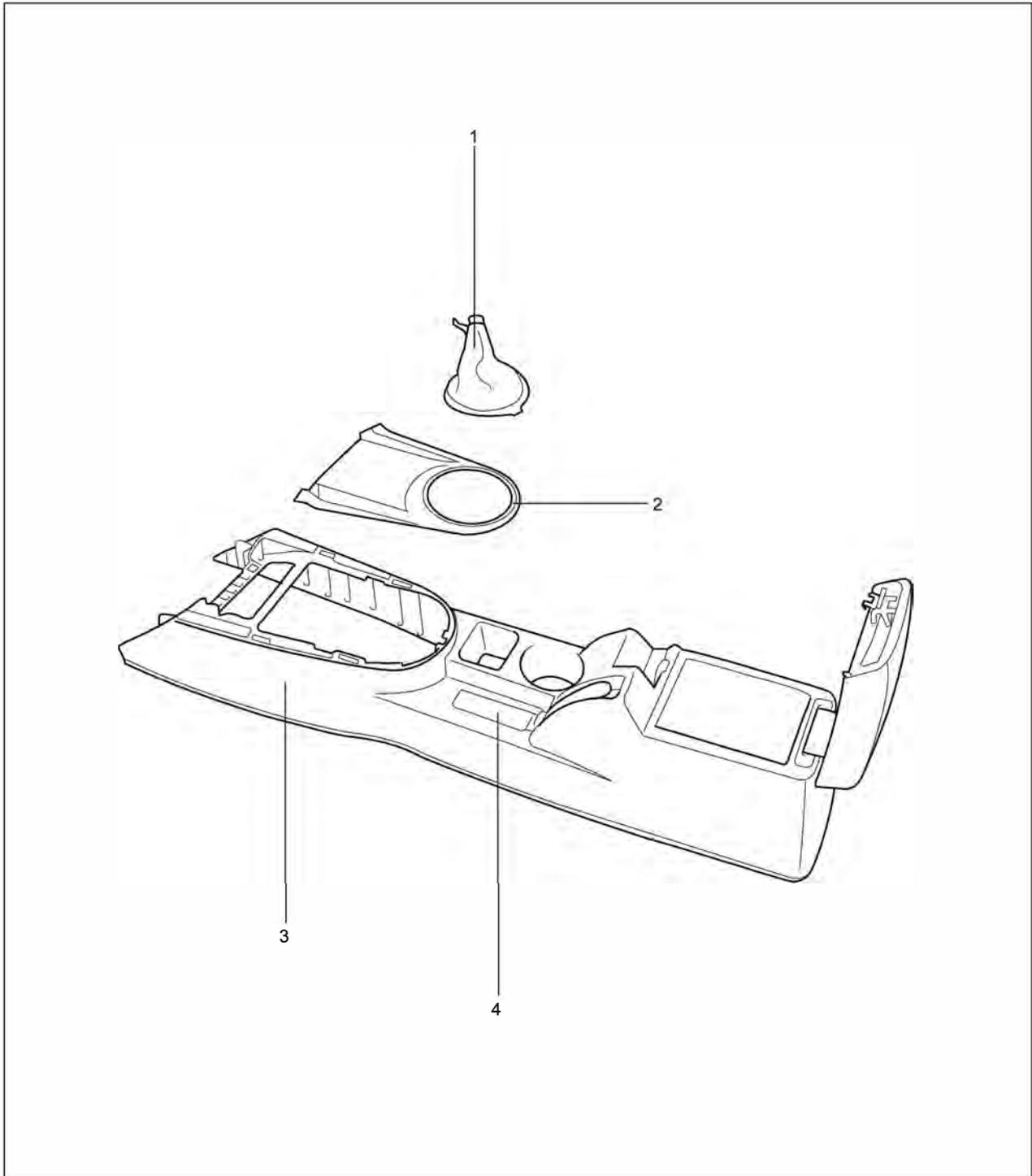
KSOB110B

3. Installation is the reverse of removal.

INTERIOR

CONSOLE

COMPONENTS E751BD31

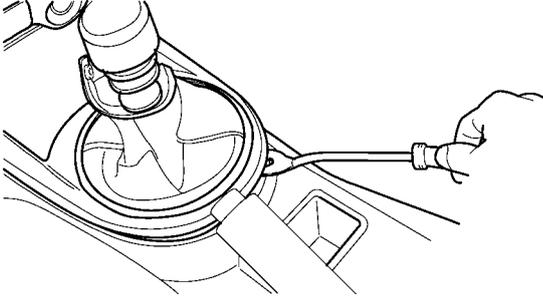


1. Boots
2. Upper cover

3. Console assembly
4. Front cover

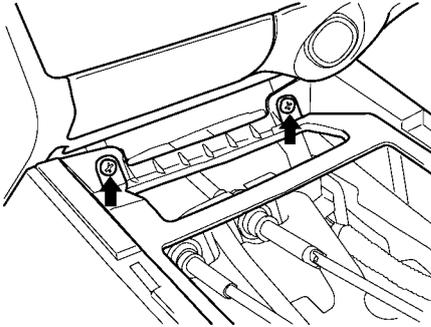
REMOVAL AND INSTALLATION EBEF24B4

1. Remove the front seat.
2. Remove the console upper cover.



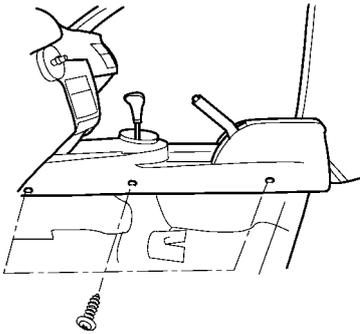
KSOB130B

3. Remove the console front mounting screws.



KSOB130A

4. Remove the floor console.



KSOB130D

5. Installation is the reverse of removal.

CRASH PAD

REMOVAL AND INSTALLATION E197BF90

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

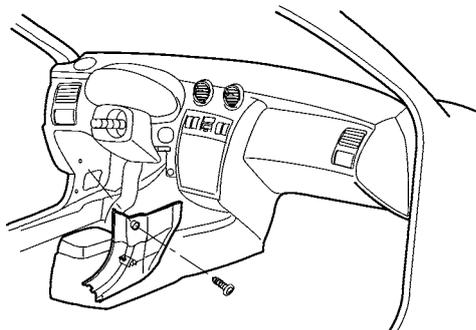


KSMB008G

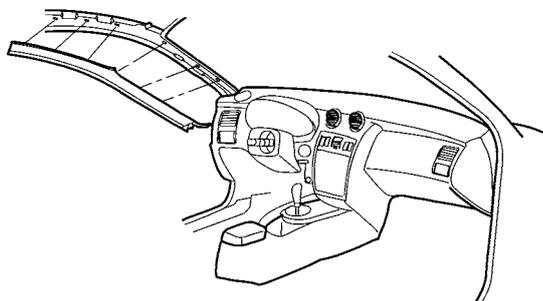
CAUTION

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

3. Remove the cowl side trim, front pillar.

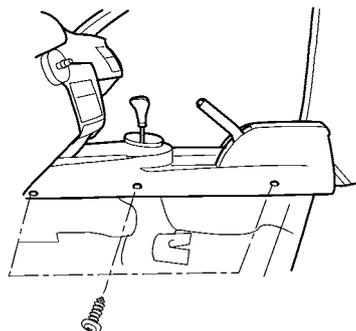


KSOB170X



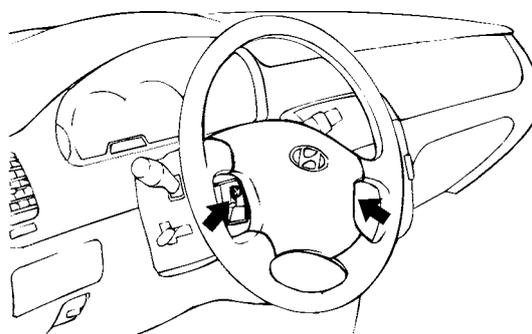
KSOB170A

4. Remove the console assembly.



KSOB130D

5. Remove the air bag module.

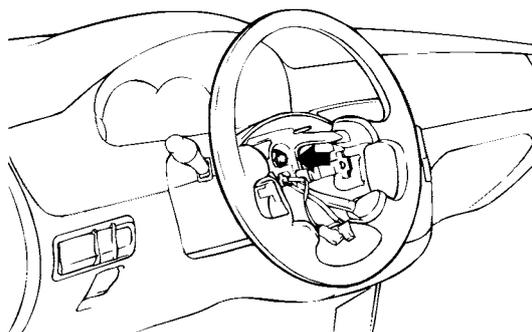


ESHA040M

CAUTION

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

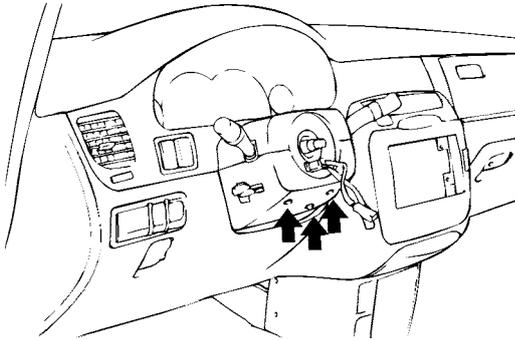
6. The steering wheel mounting nut, and remove the steering wheel.



ESHA040N

Tightening torque:
39.2~49.0 N·m (4.0~5.0 kgf·m, 28.9~36.2 lbf·ft)

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



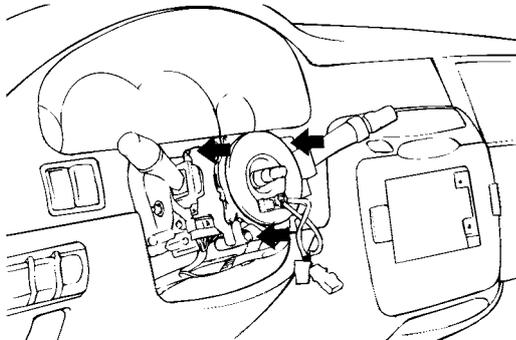
ESHA0400

10. After loosening the 2 screws, remove the cluster housing.



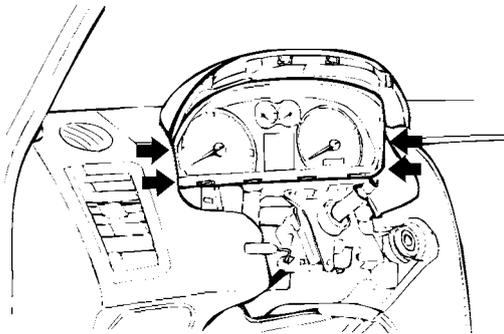
KSMB008I

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



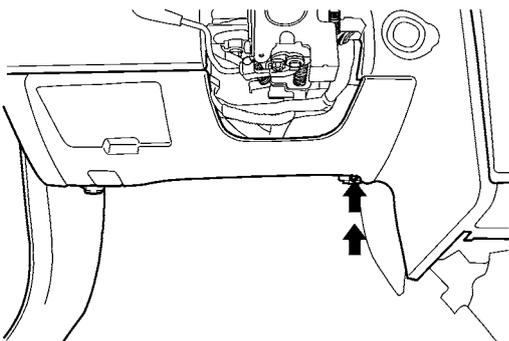
ESHA040P

11. After loosening the 4 screws, remove the cluster.



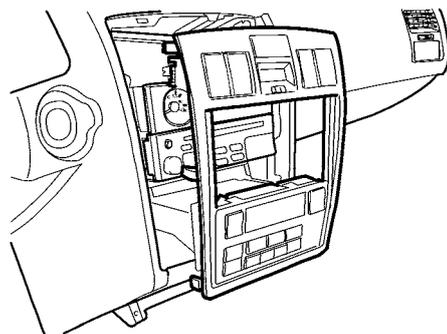
KSMB008J

9. Disconnect the hood release cable and connectors from the cover. After removing the 2 screws, remove the crash pad under cover of the passenger compartment.



KSOB150A

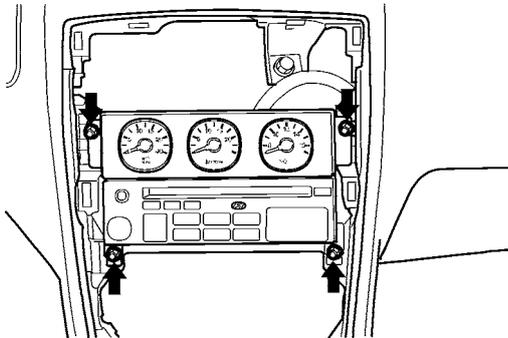
12. Open the ashtray. Insert a screw driver into the area between the center facia panel lower portion and ashtray, and then pull out the center facia panel lower portion. Lift up the center facia panel with hand.



KSOB150B

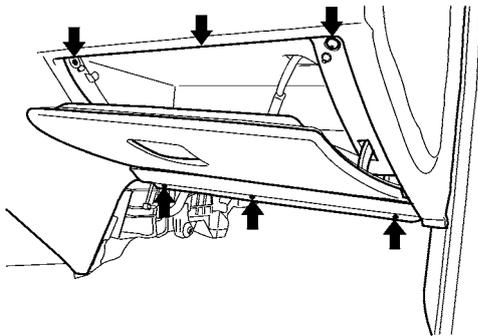
13. After disconnecting the switch connectors, remove the center facia panel.

14. Remove the audio mounting screws and the gauge mounting screws to remove the audio assembly.



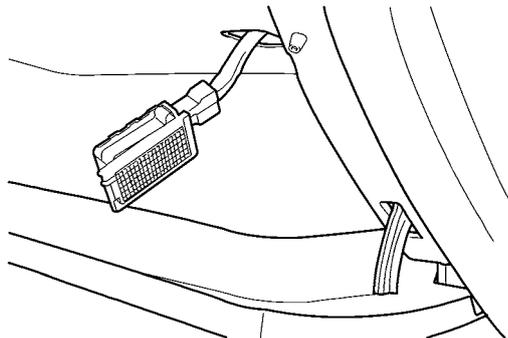
KSOB150C

15. After loosening the 6 mounting screws shown in the illustration, remove the glove box.



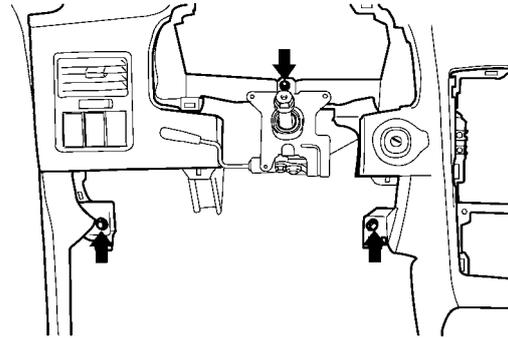
KSOB150D

16. Disconnect the glove box lamp connector and then remove the lamp.

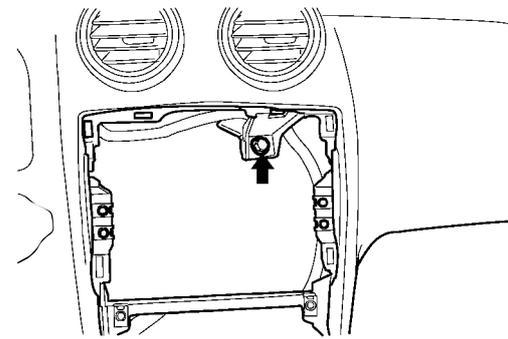


KSOB150E

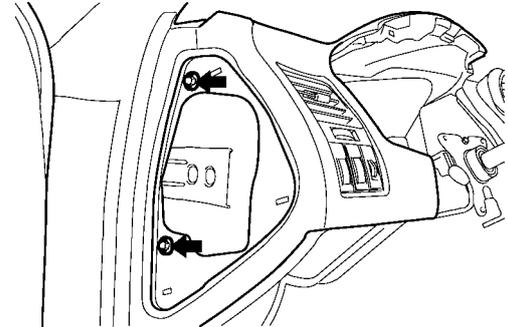
17. Remove the main crash pad mounting bolts.



KSOB150F

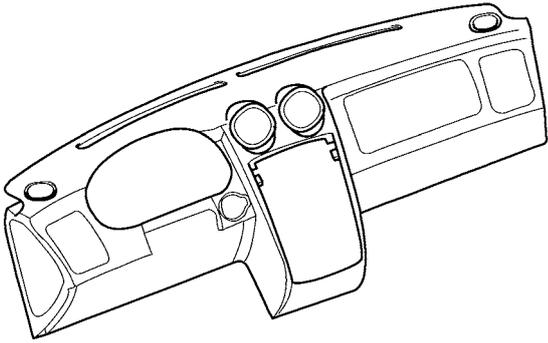


KSOB150G



KSOB150I

18. Remove the crash pad.

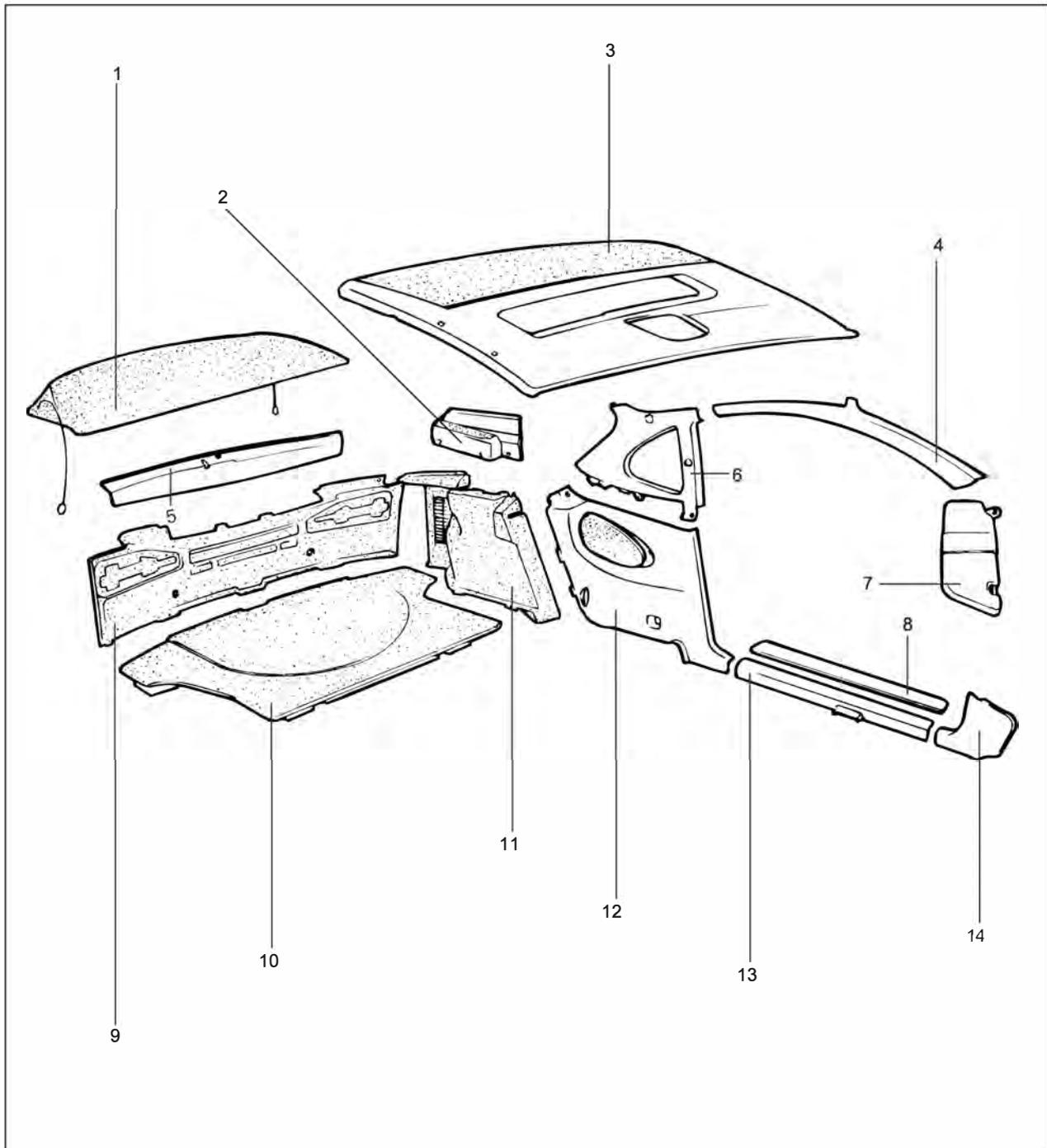


KSOB150J

19. Installation is the reverse of removal and connect all connectors securely.

INTERIOR TRIM

COMPONENTS E77CE23B



- 1. Covering shelf center trim
- 2. Covering shelf side trim
- 3. Headlining
- 4. Front pillar trim
- 5. Rear transverse trim

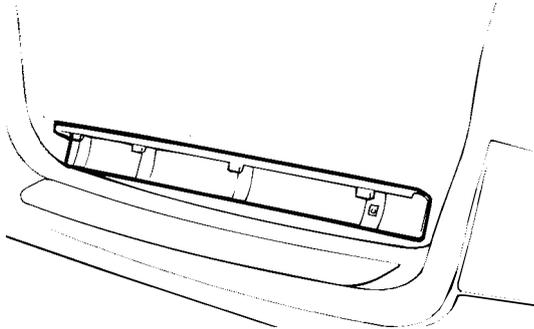
- 6. Center pillar upper trim
- 7. Sunvisor
- 8. Step plate
- 9. Luggage rear trim
- 10. Luggage mat & cover

- 11. Luggage side trim
- 12. Quarter inner trim
- 13. Door scuff trim
- 14. Cowl side trim

REMOVAL AND INSTALLATION E39DAE1F

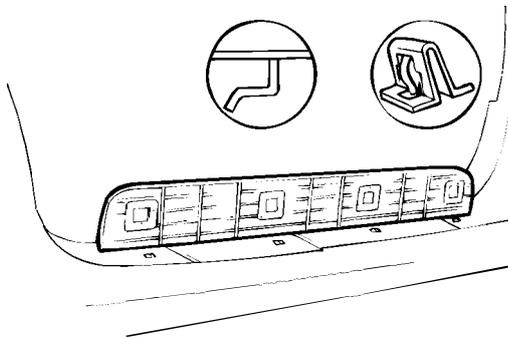
DOOR SCUFF TRIM AND STEP PLATE TRIM

1. Remove the door scuff trim.



ESOB260A

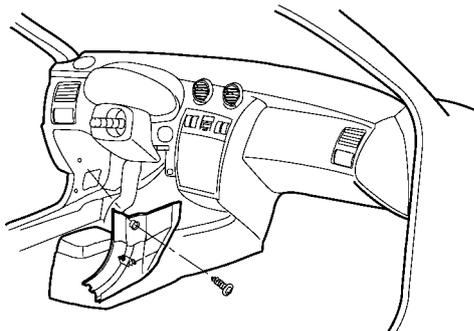
2. Remove the step plate trim.



ESOB260B

COWL SIDE TRIM

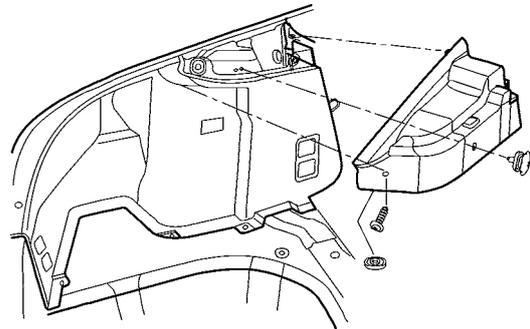
Remove the cowl side trim by loosening mounting screw.



KSOB170X

COVERING SHELF CENTER TRIM AND SIDE TRIM

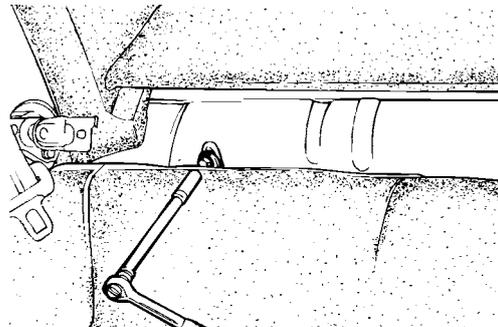
Remove the mounting screws from the covering shelf side trim.



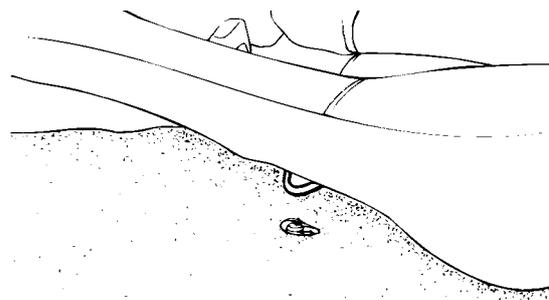
KSOB170H

QUARTER LINNER TRIM

1. Remove the rear seat cushion mounting bolts from the rear seat cushion.



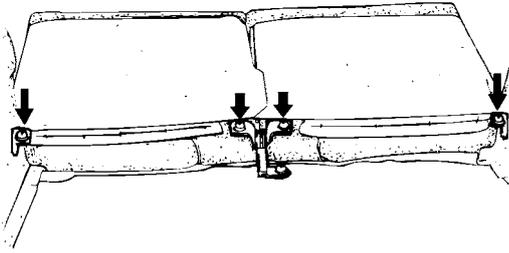
KSOB170C



KSOB170D

Tightening torque:
16.7~25.5 N·m (1.7~2.6 kgf·m, 12.3~18.8 lbf·ft)

- Remove the rear seat back mounting bolts from the rear seat back.

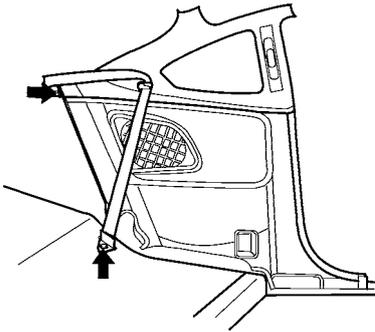


KSOB170E

Tightening torque:

16.7~25.5 N·m (1.7~2.6 kgf·m, 12.3~18.8 lbf·ft)

- Remove the rear seat belt upper anchor mounting bolt.
- Remove the rear seat back lower anchor mounting bolt and remove rear seat belt.

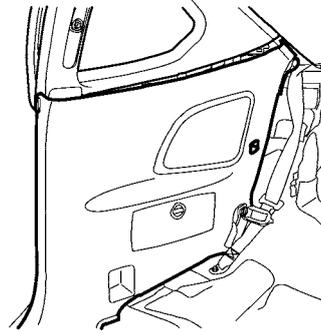


KSOB170M

Tightening torque:

39.2~49.0 N·m (4.0~5.0 kgf·m, 28.9~36.2 lbf·ft)

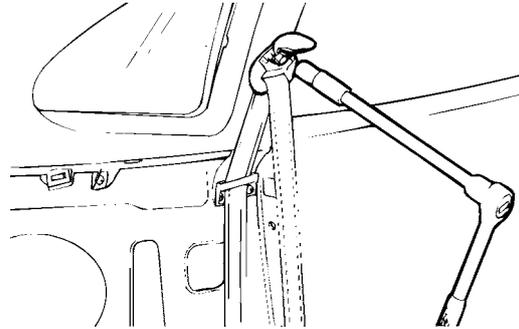
- Remove the quarter inner trim mounting screws(4EA) from the quarter inner trim and remove the inner trim assembly.



KSOB170S

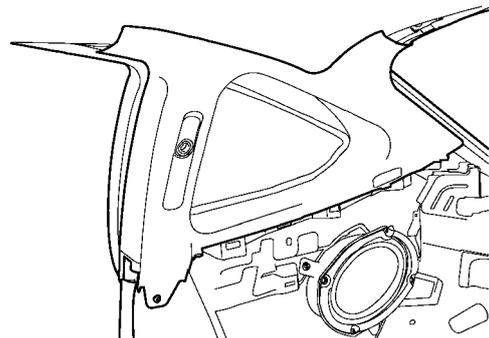
CENTER PILLAR TRIM

- Remove the front seat belt upper anchor mounting bolt.



ESOB260C

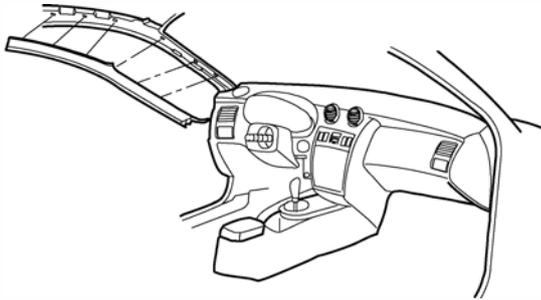
- Remove the center pillar upper trim mounting screws. Remove the seat belt webbing guide mounting screws and coat hook mounting screws from the center pillar upper trim.



KSOB170R

FRONT PILLAR TRIM

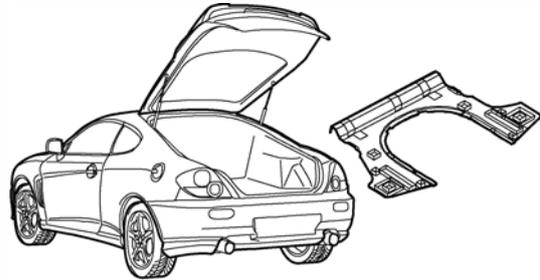
Remove the front pillar trim.



KSOB170A

LUGGAGE BOARD FRONT TRIM

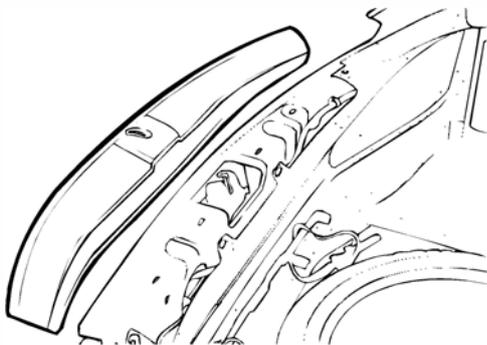
Grab the both side folders and remove the luggage board front trim.



KSOB170K

REAR TRANSVERSE TRIM

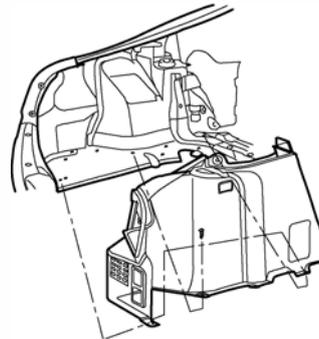
Remove the mounting clip from the rear transverse trim.



ESOB260D

LUGGAGE SIDE TRIM

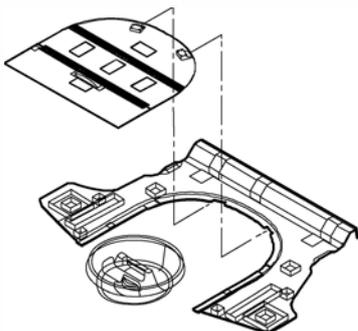
Remove the mounting screws from the luggage side trim. Disconnect the trunk room lamp connector.



KSOB170I

LUGGAGE BOARD CENTER TRIM

Grab the knob and remove the luggage board center trim.



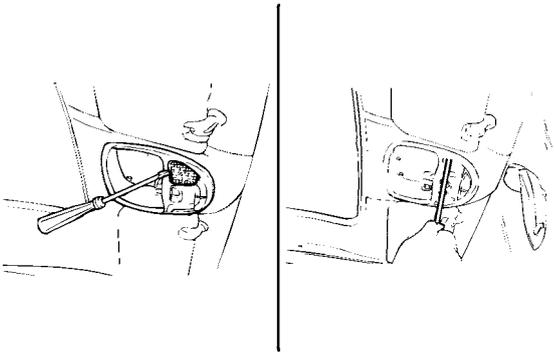
KSOB170J

HEAD LINING

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

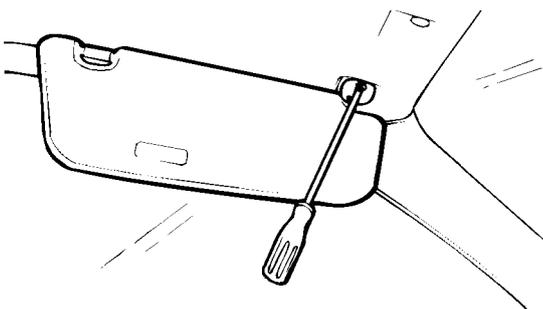
- 1) Rear seat cushion.
- 2) Rear seat back.
- 3) Rear seat belt upper anchor mounting bolt.
- 4) Rear seat back lower side bracket.
- 5) Quarter inner trim.
- 6) Front seat belt upper anchor mounting bolt.
- 7) Center pillar upper trim.
- 8) Front pillar trim.

2. Remove the mounting screws from the over head console lamp.
Disconnect the over head console lamp.



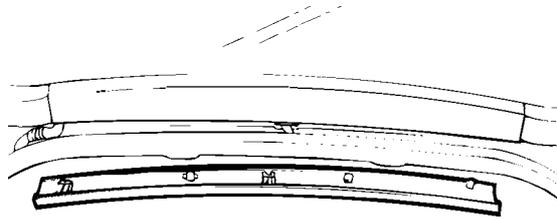
ESOB270B

3. Remove the mounting screws from the sunvisor.



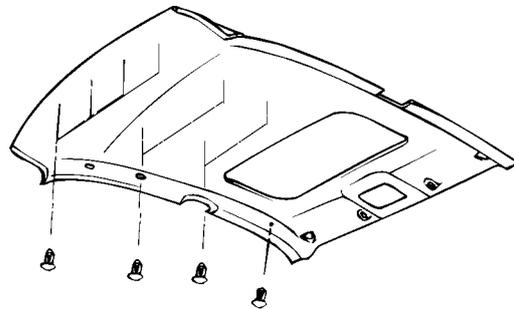
ESOB270A

4. Remove the mounting clips from the roof rear cover trim.



ESOB270C

5. Remove the headlining mounting clips and remove the headlining.

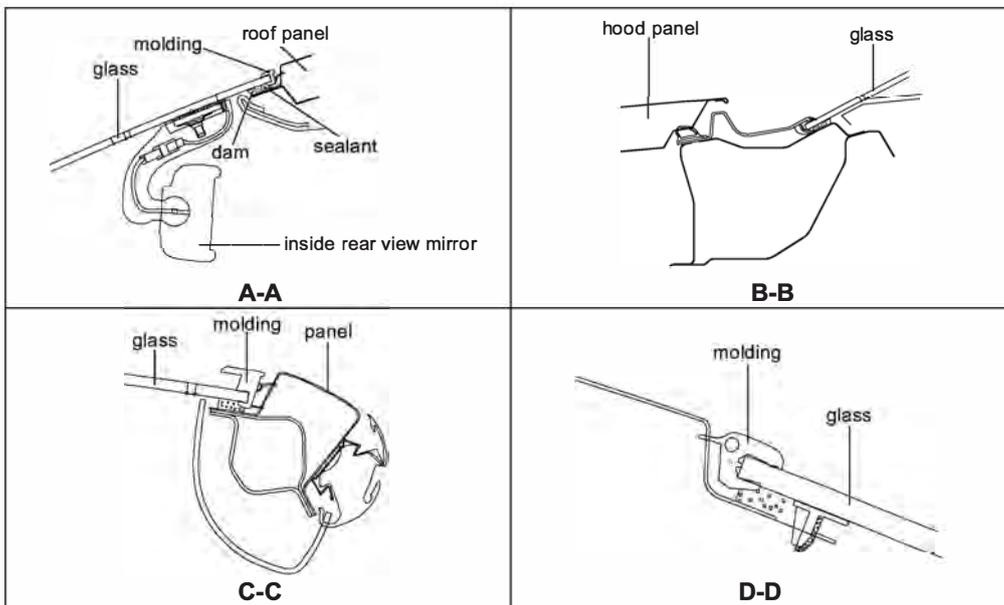
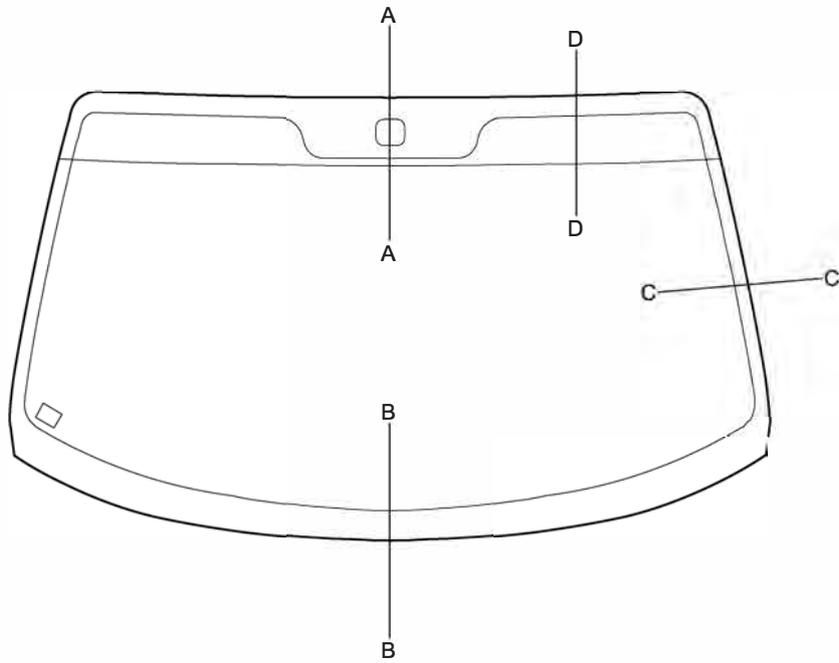


KSMB115B

6. Installation is the reverse of removal.

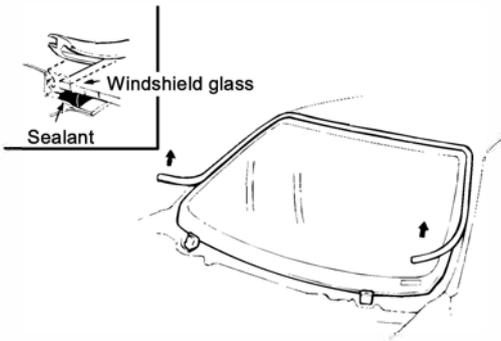
WINDSHIELD GLASS

COMPONENTS E74A804B



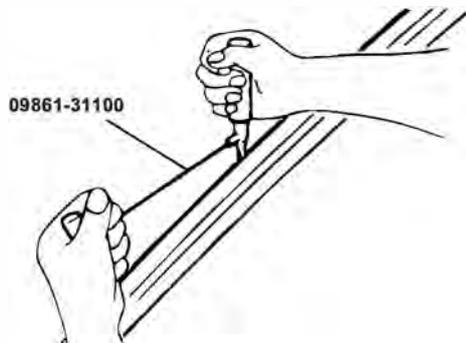
REMOVAL EF77DFAC

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.



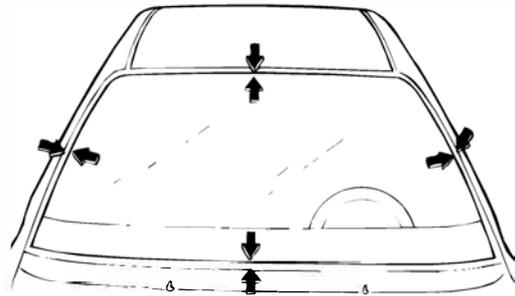
ESNB090A

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

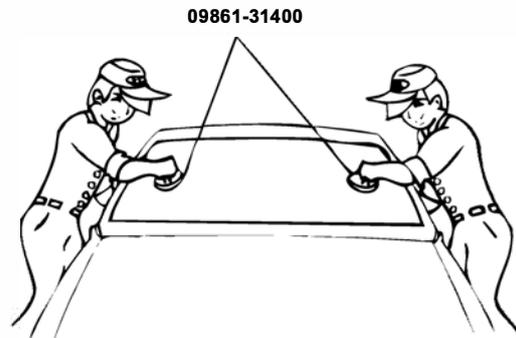


ESDA230B

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



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



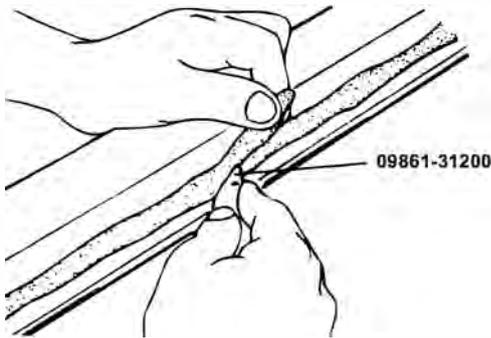
ESDA230D

INSTALLATION EA92DD98

- 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.

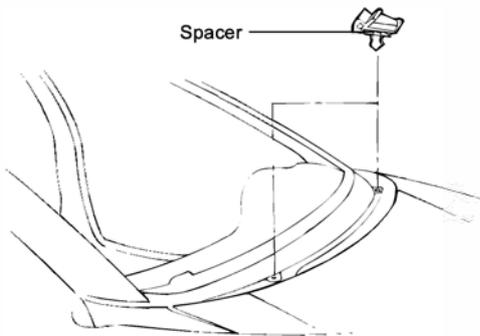
CAUTION

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.



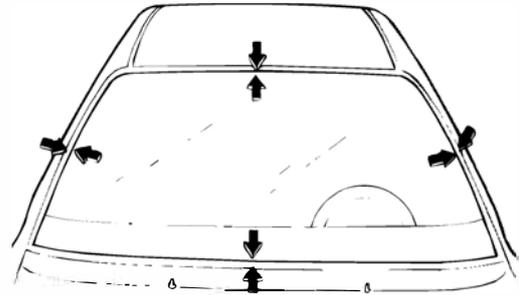
ESDA235B

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



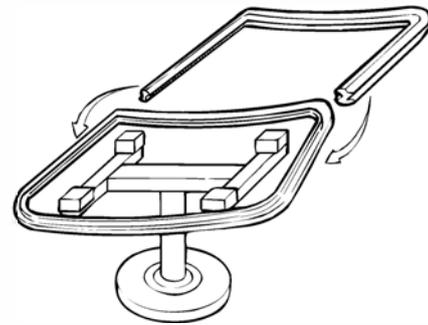
ESNB090B

- 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

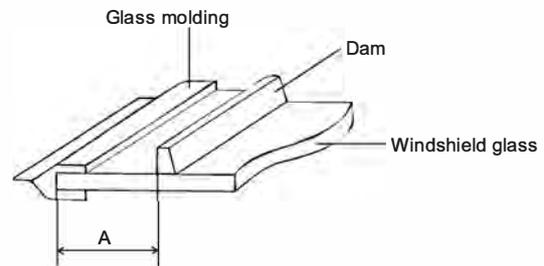
- Install the windshield glass molding without any gaps.



KSHA130B

- 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	

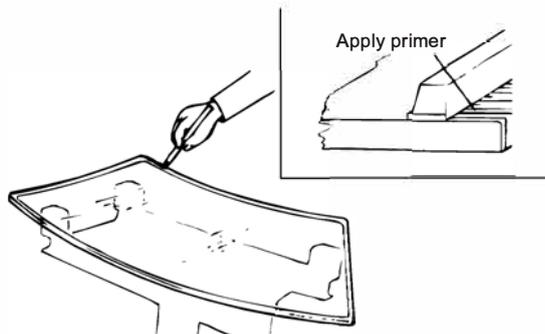


ESHA050E

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

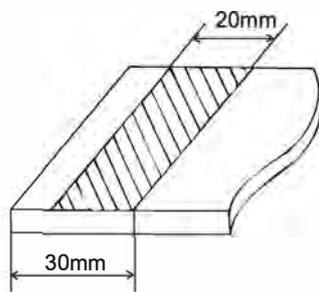
NOTE

1. 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.
2. Do not apply body primer to the glass.
3. Keep water, dust, and abrasive materials away from the surface applied primer.



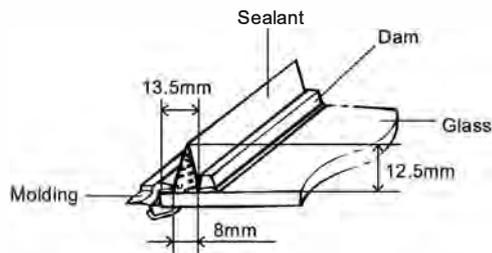
ESDA235E

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



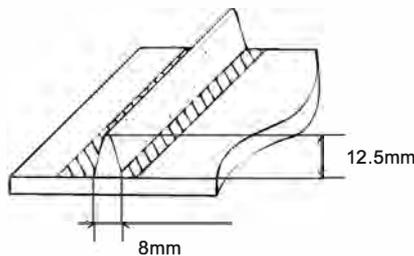
ESHA050F

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



UPPER AND SIDE

ESOB290A



LOWER

ESOB290B

NOTE

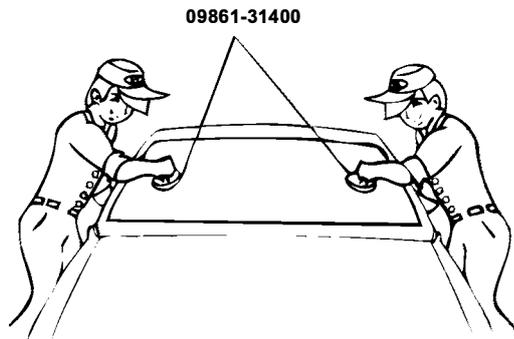
Apply the adhesive within 5 minutes after applying the primer to the glass.

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.



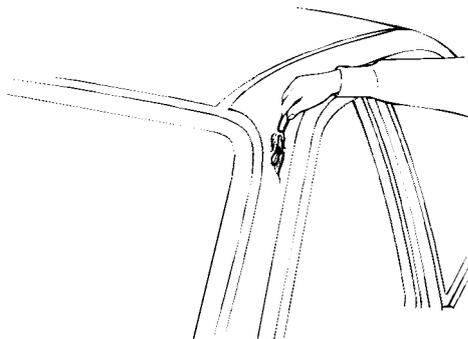
ESDA235F

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

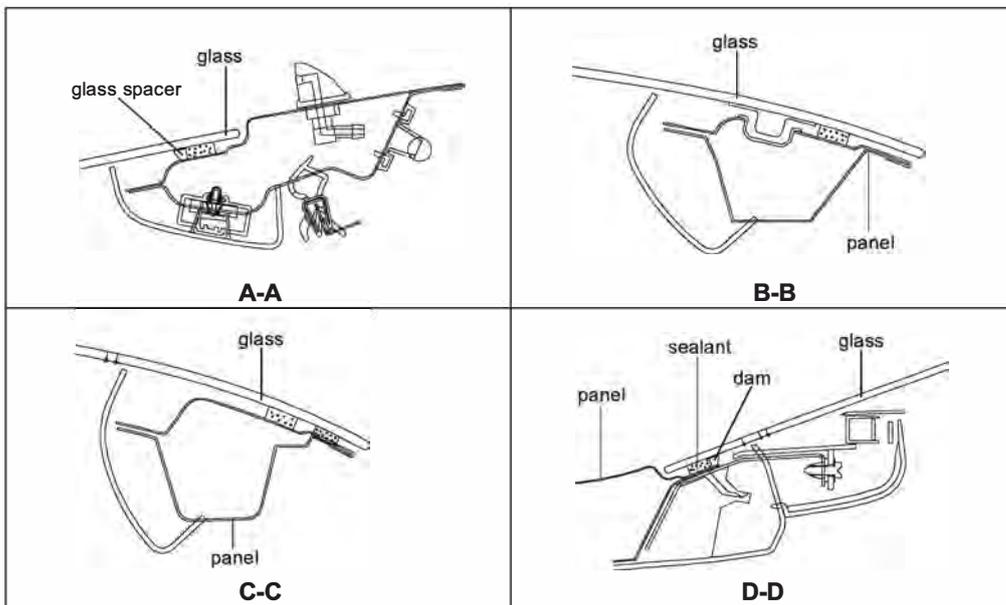
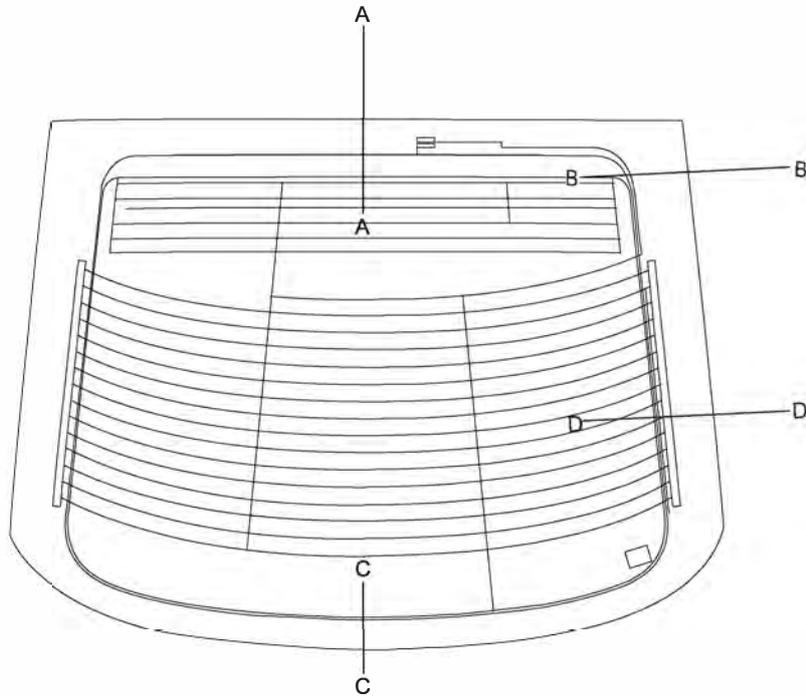
15. Install the removed parts.

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

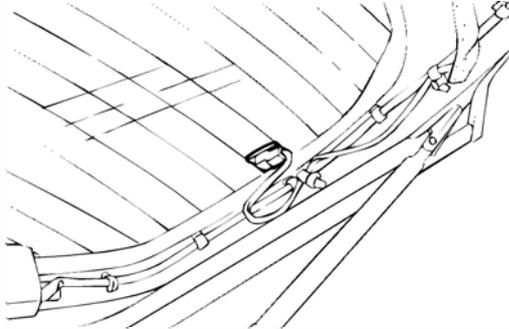
COMPONENTS E6A009B3



REMOVAL ECB73ACB

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.

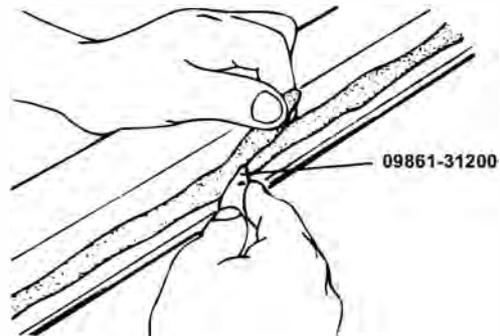
2. Remove the tailgate glass in the same manner as the windshield glass.

INSTALLATION EEABC408

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.

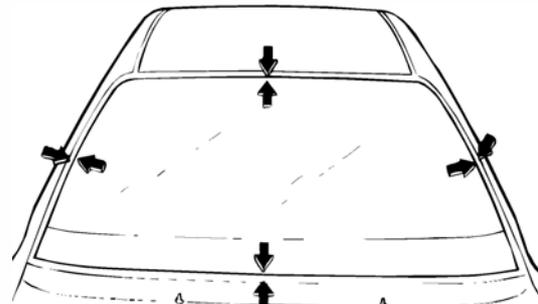
CAUTION

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.



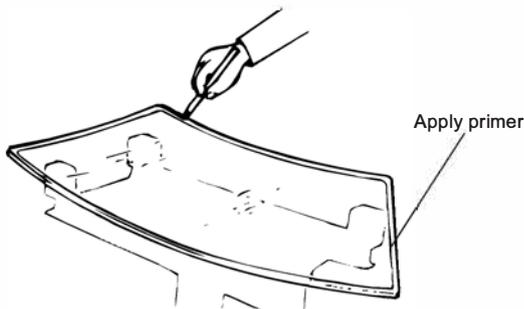
ESHA150B

4. Install the tailgate glass molding without any gaps.

- Apply a light coat of glass primer around the tailgate glass.

NOTE

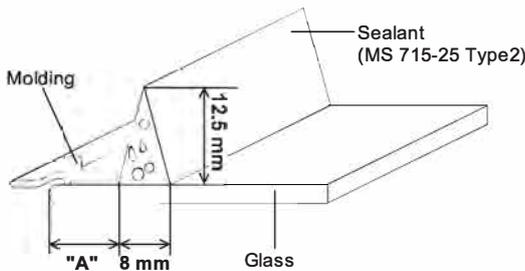
- Never touch the surface applied primer with your hands. If you do, the adhesive may not bond to the glass properly, causing a leak after the tailgate glass has been installed.
- Do not apply body primer to the glass.
- Keep water, dust, and abrasive materials away from the surface applied primer.



ESN8110A

- Apply a sealant around the edge of the glass.

Part	A	Remarks
Upper	23.5mm	Glass molding sub
Side		
Lower		



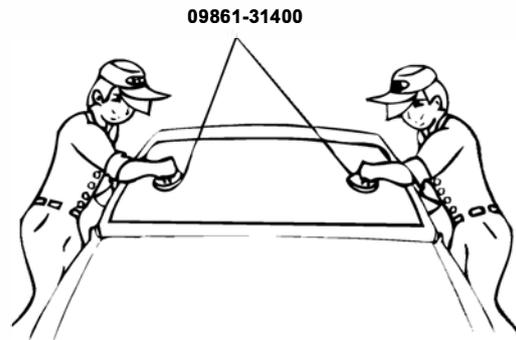
ESOB320B

NOTE

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

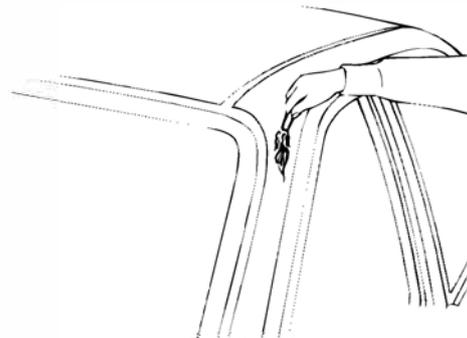
- Apply a light coat of body primer to the original sealant remaining around the window opening flange. The glass should be installed within 5 minutes after you apply the primer.

- 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

- Scrape or wipe excess adhesive off with putty knife or gauze. Fill all cavities around the tailgate glass.
- 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

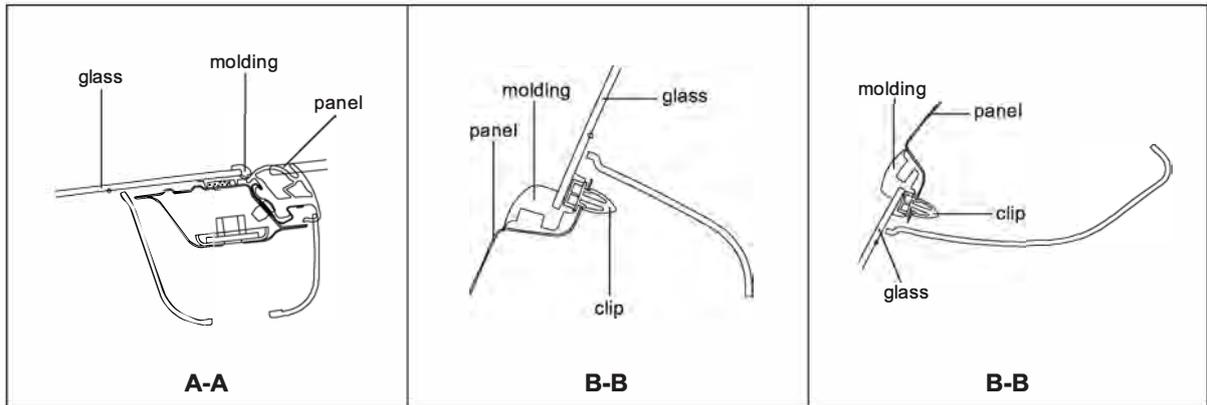
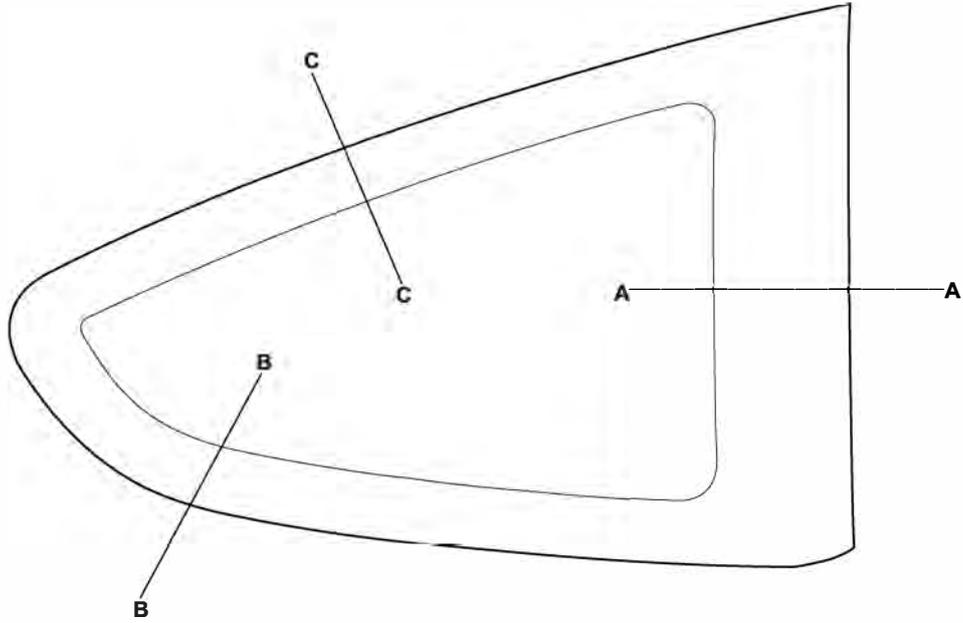
- If there are leaks, dry the affected area, then apply sealant.
- Install the removed parts.

CAUTION

- Keep the tailgate glass dry for the first hour after installation.
- 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.
- Take care not to slam the doors with all the windows rolled up.
- 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 FIXED GLASS

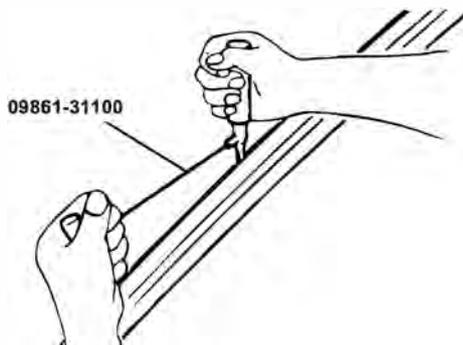
COMPONENTS E76C3AA4



REMOVAL E9657161

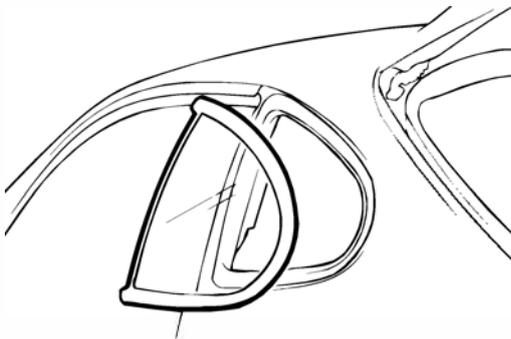
1. To remove the quarter fixed glass, first remove the following parts:
 - 1) Covering shelf center trim and side trim.
 - 2) Rear speaker grill and speaker.
 - 3) Rear seat cushion.
 - 4) Rear seat back.
 - 5) Rear seat belt upper anchor mounting bolt.
 - 6) Rear seat back lower side bracket.
 - 7) Rear quarter inner trim.
 - 8) Front seat belt upper anchor mounting bolt.
 - 9) Center pillar trim.

2. After removing the quarter fixed glass molding, cut the sealant using the Special Tool.



ESDA230B

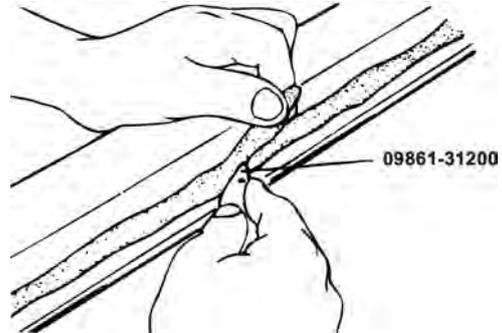
3. Remove the quarter fixed glass mounting clips.
4. Remove the quarter fixed glass.



ESOB340A

INSTALLATION E4D7740E

1. Using a cutter knife or the Special Tool, scrape the old sealant smoothly to a thickness of about 2 mm (0.08 in) on the bonding surface around the entire quarter fixed glass flange.



ESDA235B

CAUTION

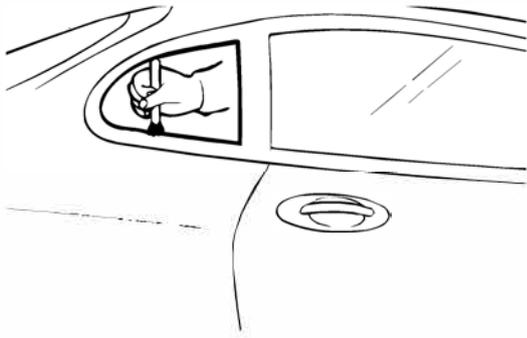
Be careful not to remove more adhesive than necessary, and also not to damage the paintwork on the body surface with the knife. If the paintwork is damaged, repair the damage area with touch-up paint.

2. Clean the body flange surface of quarter fixed glass flange with a sponge dampened in isopropyl alcohol.
 - Clean completely the contaminants such as oil and dust in the primer-applied part of body flange.
 - After cleaning body flange surface, pass a minute or more then, apply the body primer to body flange.



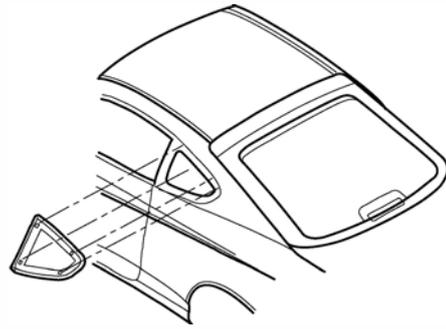
KSOB238A

3. Apply the body primer to body flange surface of quarter fixed glass.
 - To use the body primer, shake the vessel enough.



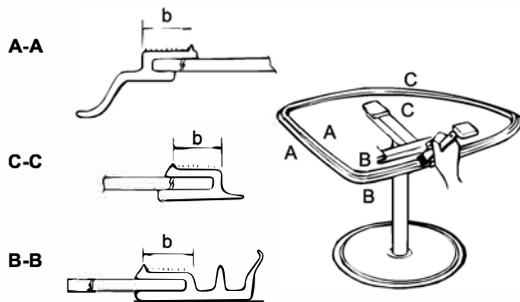
KSOB238B

6. Install the quarter fixed glass.



KSOB236A

4. Apply the glass primer to the glass and the glass moulding assembly.



KSOB238C

5. Apply the sealant to the entire circumference of the quarter fixed glass.



KSOB238D

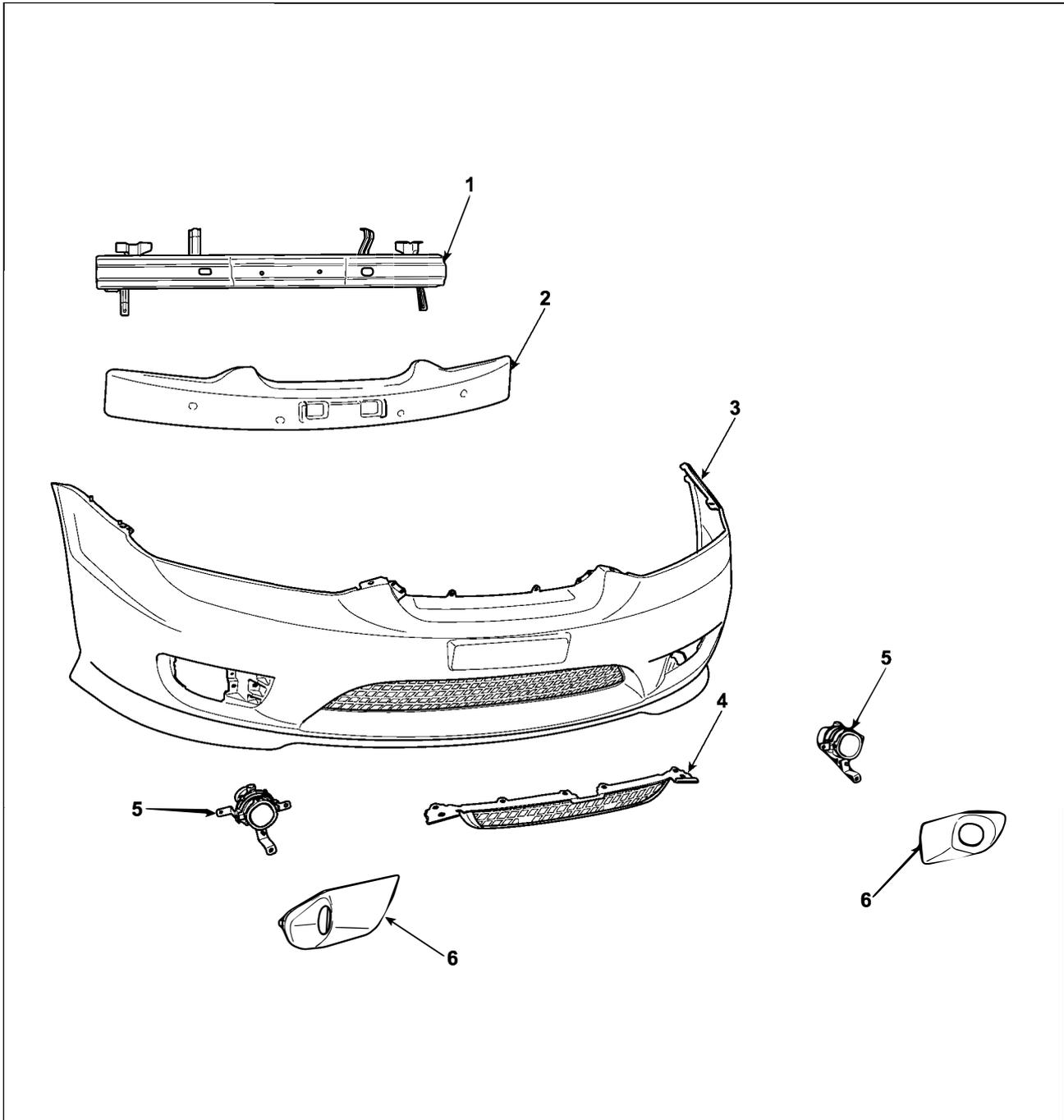
NOTE

Install the glass to the body within five minutes.

BUMPER

FRONT BUMPER

COMPONENTS EA909EDD



- 1. Front bumper rail
- 2. Front bumper energy absorber foam
- 3. Front bumper cover

- 4. Front bumper upper mesh
- 5. Fog lamp
- 6. Fog lamp cover

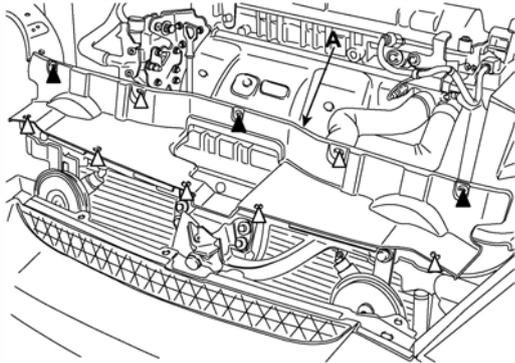
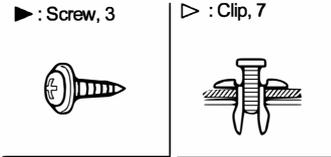
REMOVAL AND INSTALLATION E0C8DFD5

FRONT BUMPER COVER REPLACEMENT

1. Remove the front bumper cover (A).

Fastener Locations

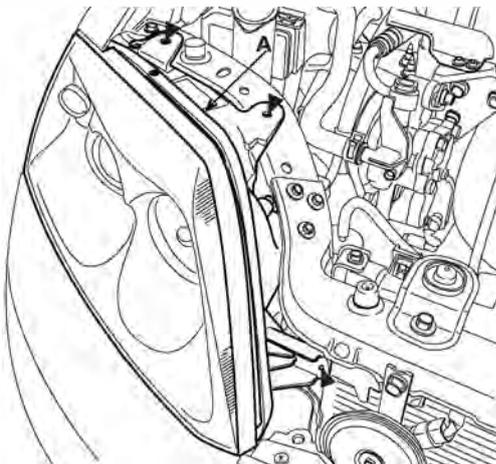
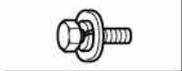
▶ : Screw, 3 ▷ : Clip, 7



LSOE029B

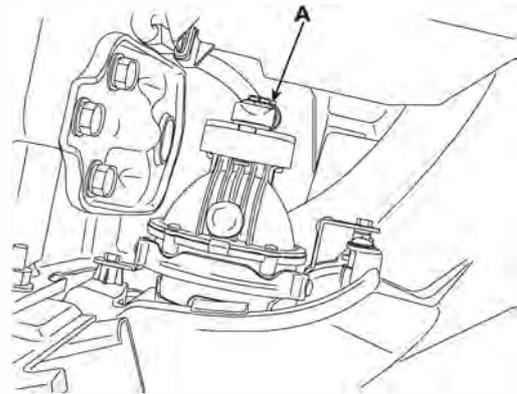
2. After loosening the mounting bolt, remove the head-lamp (A).

▶ : Bolt Location, 3



LSOE029C

3. Disconnect the fog lamp connector (A).

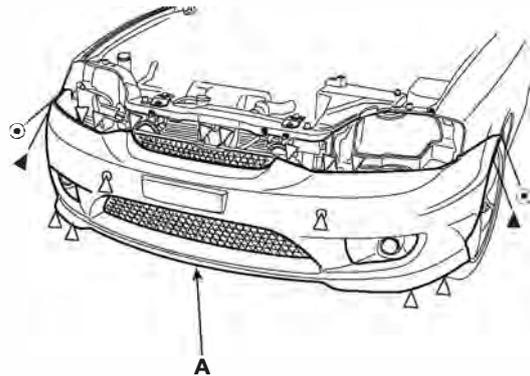


LSOE029D

4. Remove the front bumper cover (A).

Fastener Locations

▷ : Clip, 14 ◉ : Screw, 2 ▶ : Screw, 2



LSOE029E

5. Installation is the reverse of removal.

FOG LAMP REPLACEMENT

1. Remove the front bumper cover (See page BD-53).
2. After loosening the mounting screw, remove the fog lamp (A).

▷ : Screw Locations, 3



LSOE029F

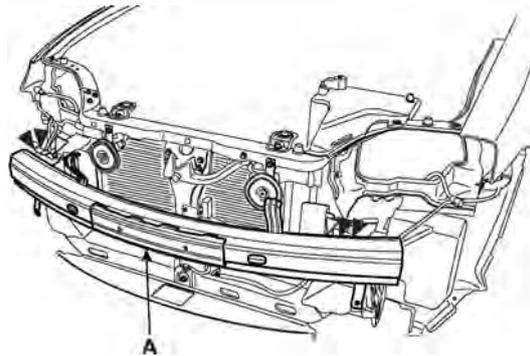
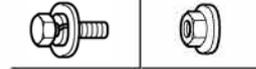
3. Installation is the reverse of removal.

FRONT BUMPER RAIL REPLACEMENT

1. Remove the front bumper cover (See page BD-53).
2. Loosening the front bumper rail mounting bolt, nut.
3. Remove the front bumper rail (A).

Fastener Locations

▷ : Bolt, 2 ▶ : Nut, 4

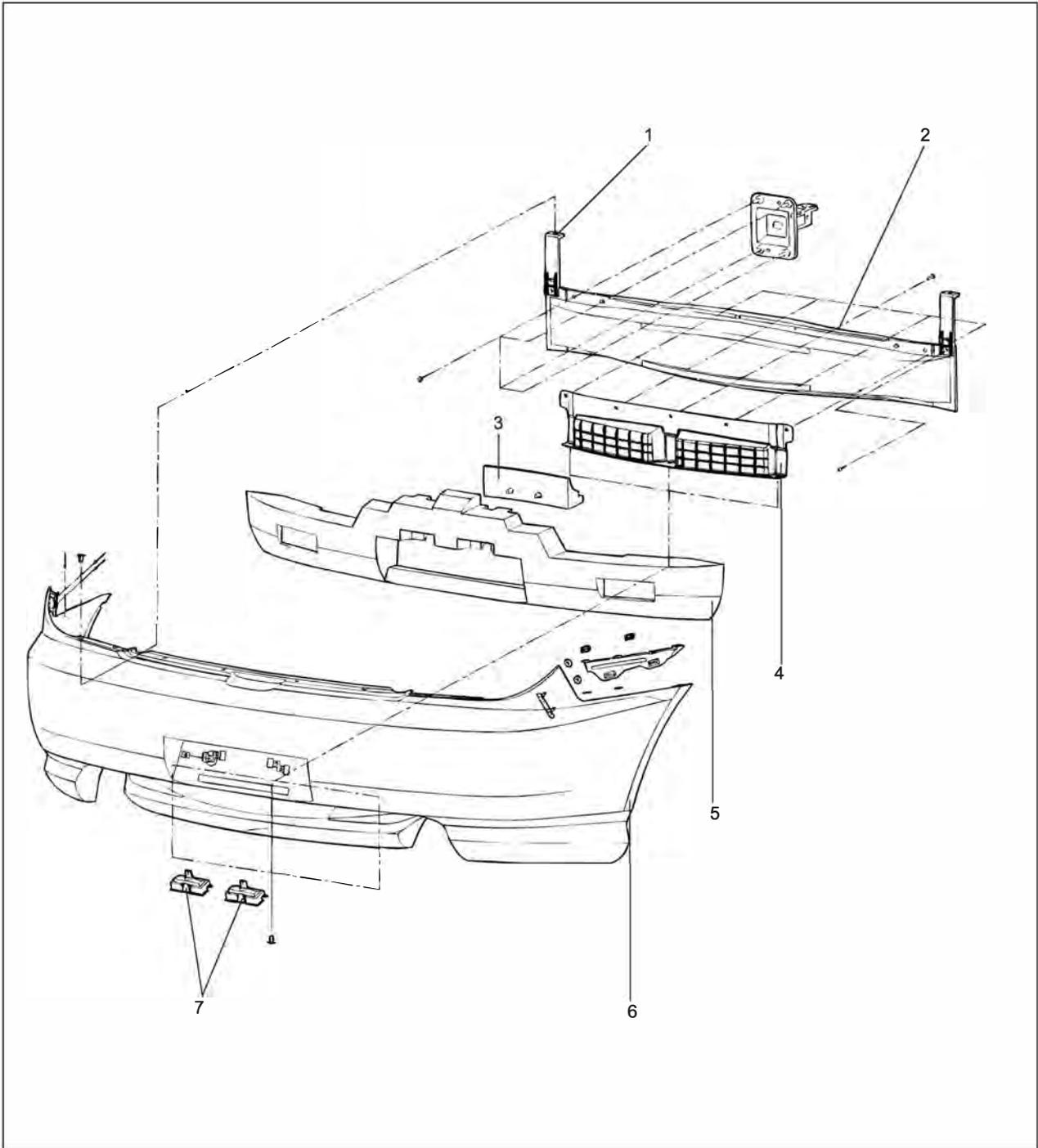


LSOE029G

4. Installation is the reverse of removal.

REAR BUMPER

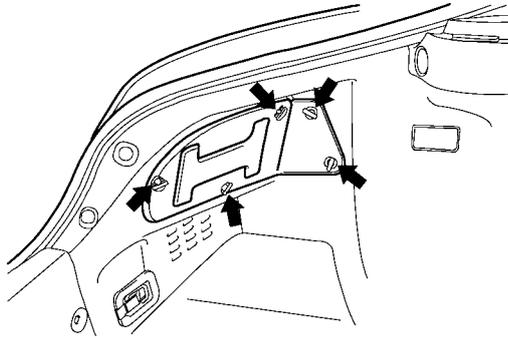
COMPONENTS EFBEF8E0



- 1. Bracket
- 2. Rear bumper rail
- 3. Rear bumper reinforcement
- 4. Rear bumper under cover
- 5. Energy absorber
- 6. Rear bumper cover
- 7. Licence plate lamp

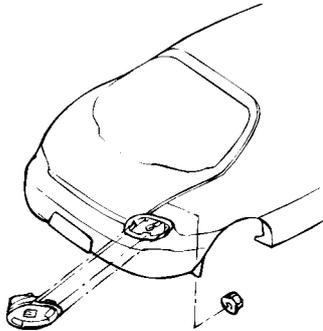
REMOVAL AND INSTALLATION E4EAFF4E

1. Loosen the luggage side cover mounting screws and remove the luggage side cover.



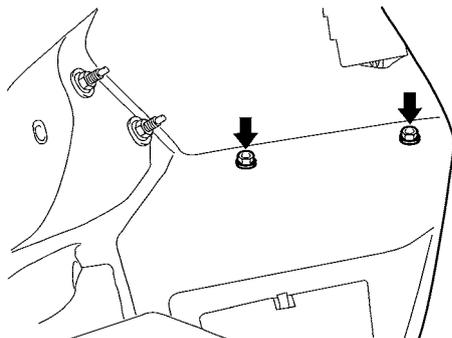
KSOB270A

2. Remove the rear combination lamp. Disconnect the combination lamp connector.



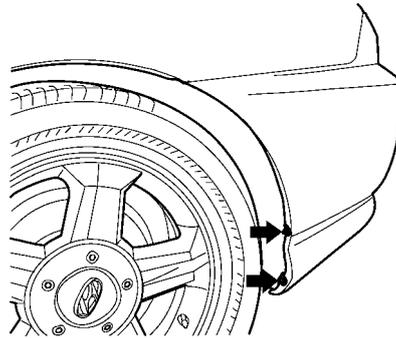
ESOB390A

3. Loosen the rear bumper cover mounting screw from the rear wheel house.



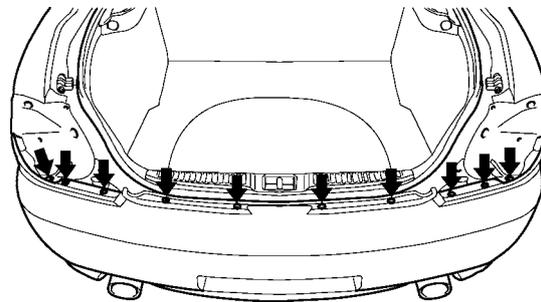
KSOB270C

4. Loosen the rear bumper cover mounting screw from the rear wheel house.



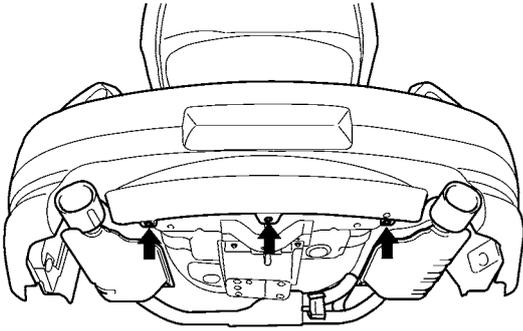
KSOB270D

5. Loosen the rear bumper upper part mounting screws.



KSOB270E

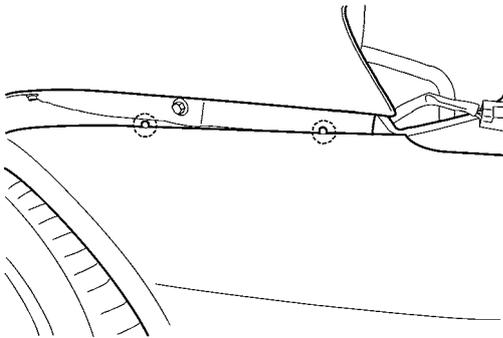
6. Loosen the rear bumper lower part mounting screws.



KSOB270F

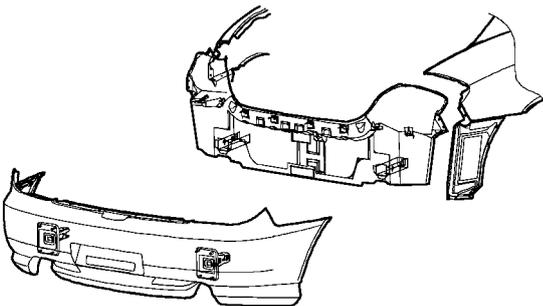
NOTE

When installing, align the protrusion of the bumper cover with the groove of the panel.



KSOB270G

7. Disconnect the licence lamp connector from the rear bumper cover and remove the rear bumper beam assembly.



KSOB270H

Tightening torque:

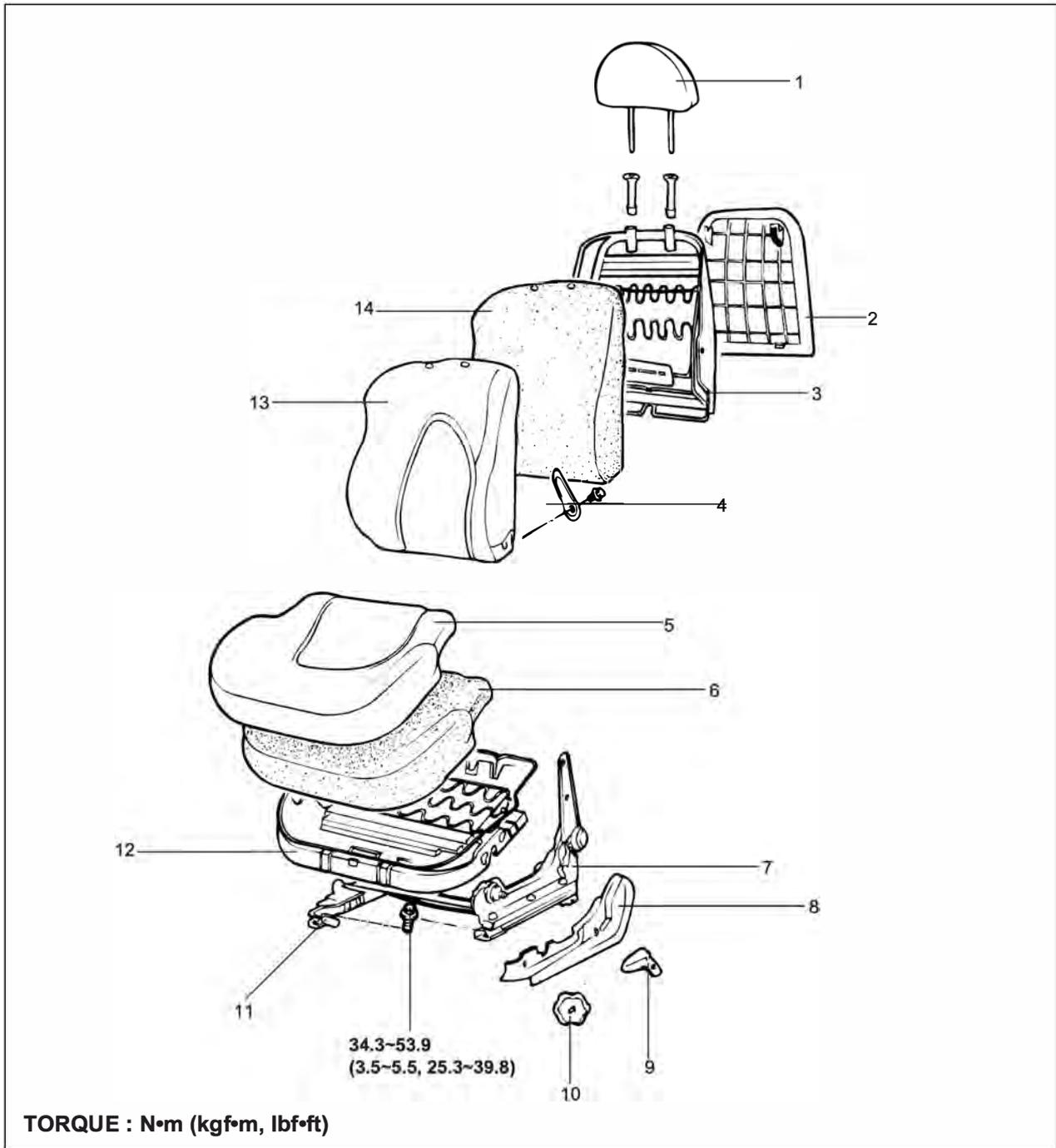
24.5~29.4 N·m (2.5~3.0 kgf·m, 18.1~21.7 lbf·ft)

8. Installation is the reverse of removal.

SEAT

FRONT SEAT

COMPONENTS EBCD2B29

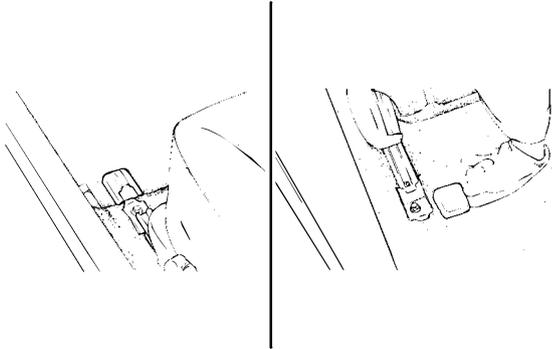


TORQUE : N•m (kgf•m, lbf•ft)

- | | | |
|----------------------------------|-------------------------------|------------------------------|
| 1. Head rest | 6. Front seat cushion pad | 11. Seat lock release lever |
| 2. Front seat back board | 7. Front seat track | 12. Frame |
| 3. Front seat back frame | 8. Front seat shield cover | 13. Front seat back covering |
| 4. Lumber support control handle | 9. Recliner control lever | 14. Front seat back pad |
| 5. Front seat cushion covering | 10. Seat cushion control knob | |

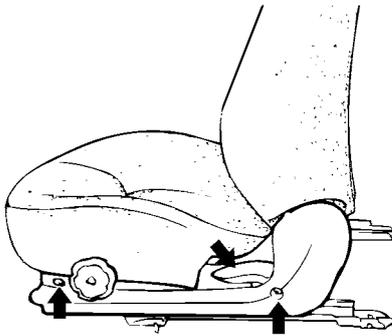
REMOVAL AND INSTALLATION E59A5B89

1. Pull out front seat mounting cover and remove the bolts.
2. Remove the front seat assembly.



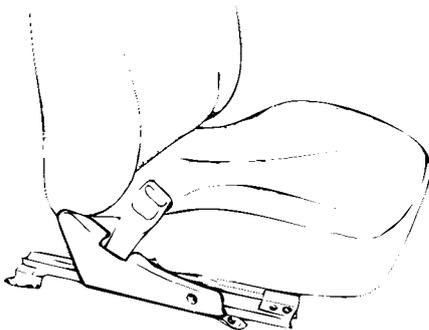
ESOB410A

3. Remove the seat recliner control lever and seat cushion control knob.



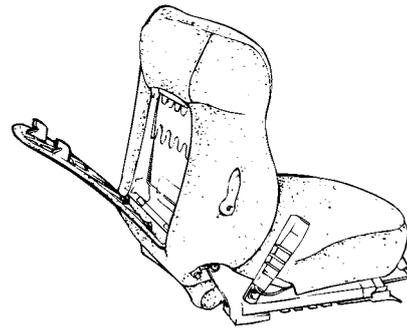
ESOB410B

Remove the mounting screws from the shield cover.



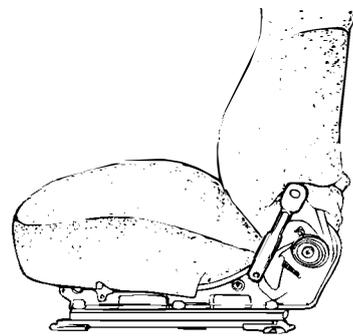
KSOB290B

4. Remove the front seat back board.

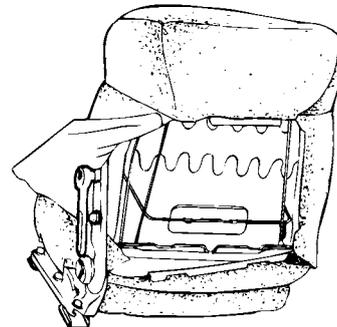


KSOB290C

5. Remove the mounting bolt from the front seat back.

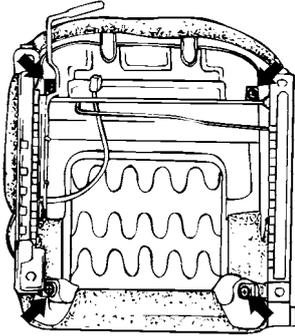


ESOB410C



ESOB410D

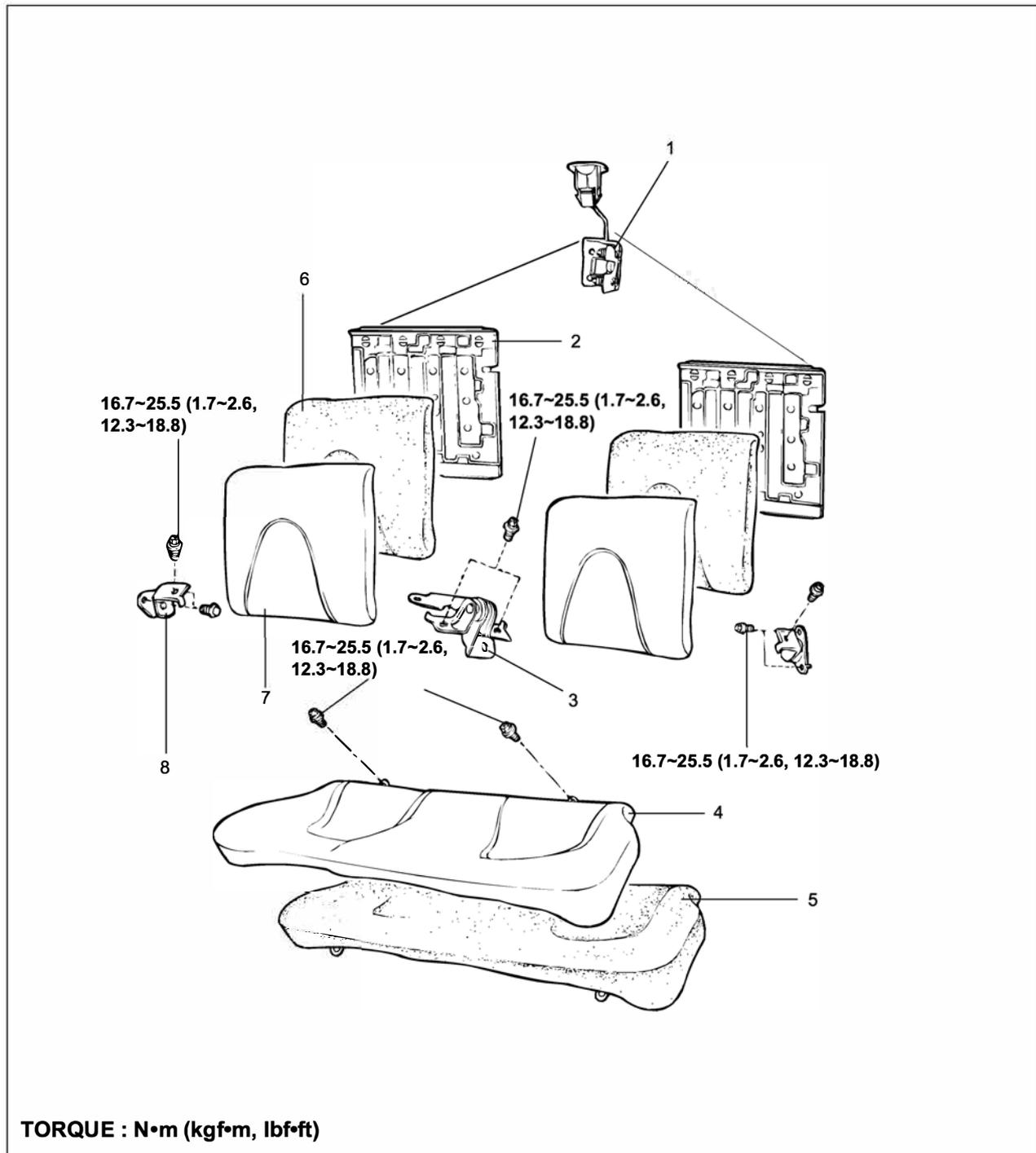
6. Remove the 4 bolts mounted under the seat to remove the front seat track.



KSOB290D

7. Installation is the reverse of removal.

REAR SEAT

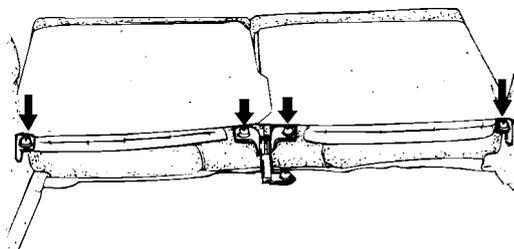
COMPONENTS E75E7C59

1. Rear seat back latch
2. Rear seat back panel
3. Rear seat back center bracket
4. Rear seat cushion covering

5. Rear seat cushion pad
6. Rear seat back pad
7. Rear seat back covering
8. Rear seat back lower side mounting bracket

REMOVAL AND INSTALLATION E51E6FEB

1. Remove the mounting bolts and bracket from the rear seat back.

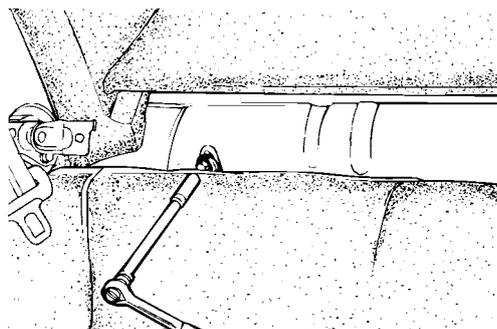


KSOB170E

Tightening torque:

16.7~25.5 N·m (1.7~2.6 kgf·m, 12.3~18.8 lbf·ft)

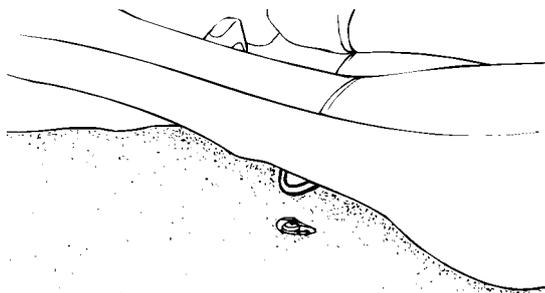
2. Remove the mounting bolts from the rear seat cushion.



KSOB170C

Tightening torque:

16.7~25.5 N·m (1.7~2.6 kgf·m, 12.3~18.8 lbf·ft)

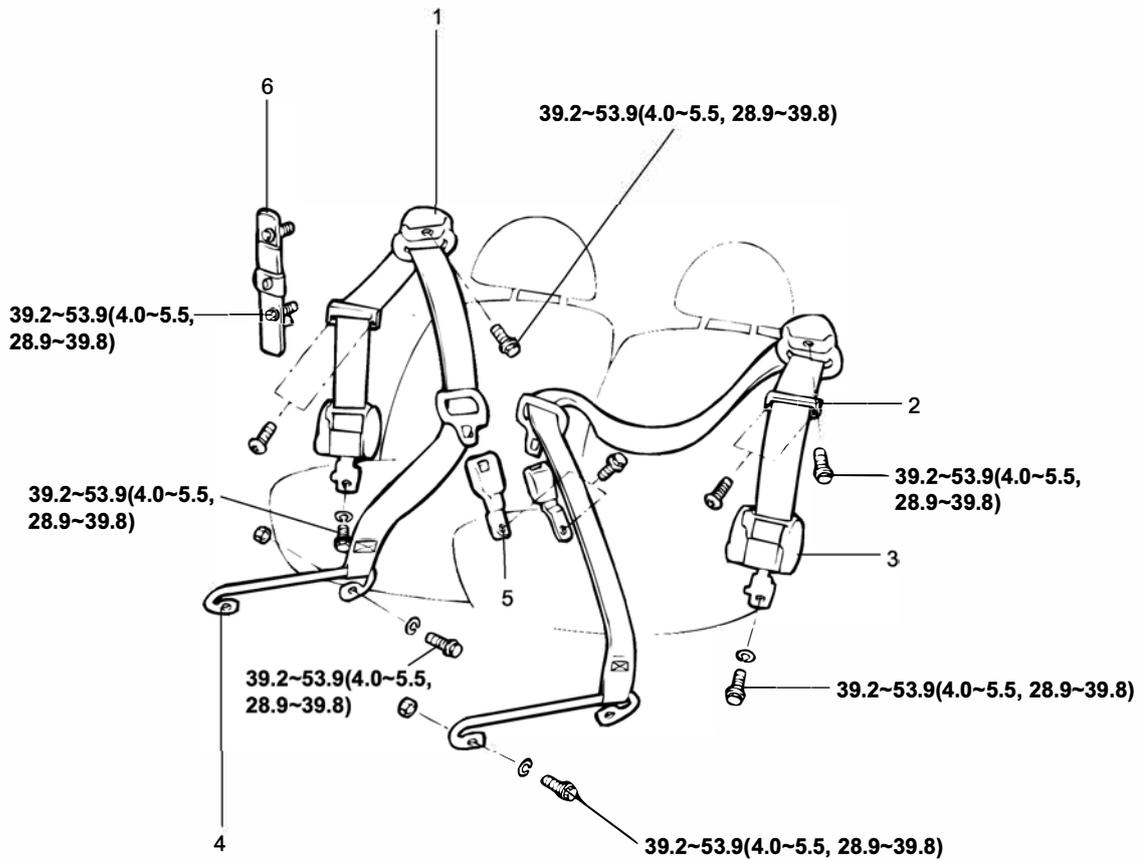


KSOB170D

3. Installation is the reverse of removal.

FRONT SEAT BELT

COMPONENTS EF679A5F



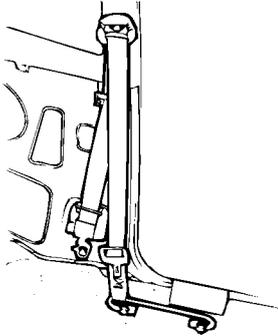
TORQUE : N•m (kgf•m, lbf•ft)

- 1. Upper anchor plate cover
- 2. Webbing guide
- 3. E.L.R

- 4. Seat belt sliding bar
- 5. Buckle stalk
- 6. Height adjuster

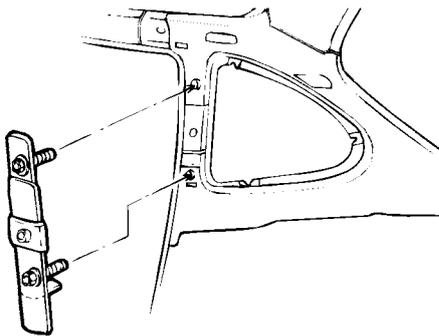
REMOVAL AND INSTALLATION EF8FE761

1. Loosen the front seat belt upper anchor mounting bolt.
2. Loosen the sliding bar mounting bolts.
3. Loosen the seat belt webbing guide and remove the front seat belt.



KSOB320A

4. Remove the center pillar trim and front seat belt height adjuster.



KSOB320B

Tightening torque:

39.2~53.9 N·m (4.0~5.5 kgf·m, 28.9~39.8 lbf·ft)

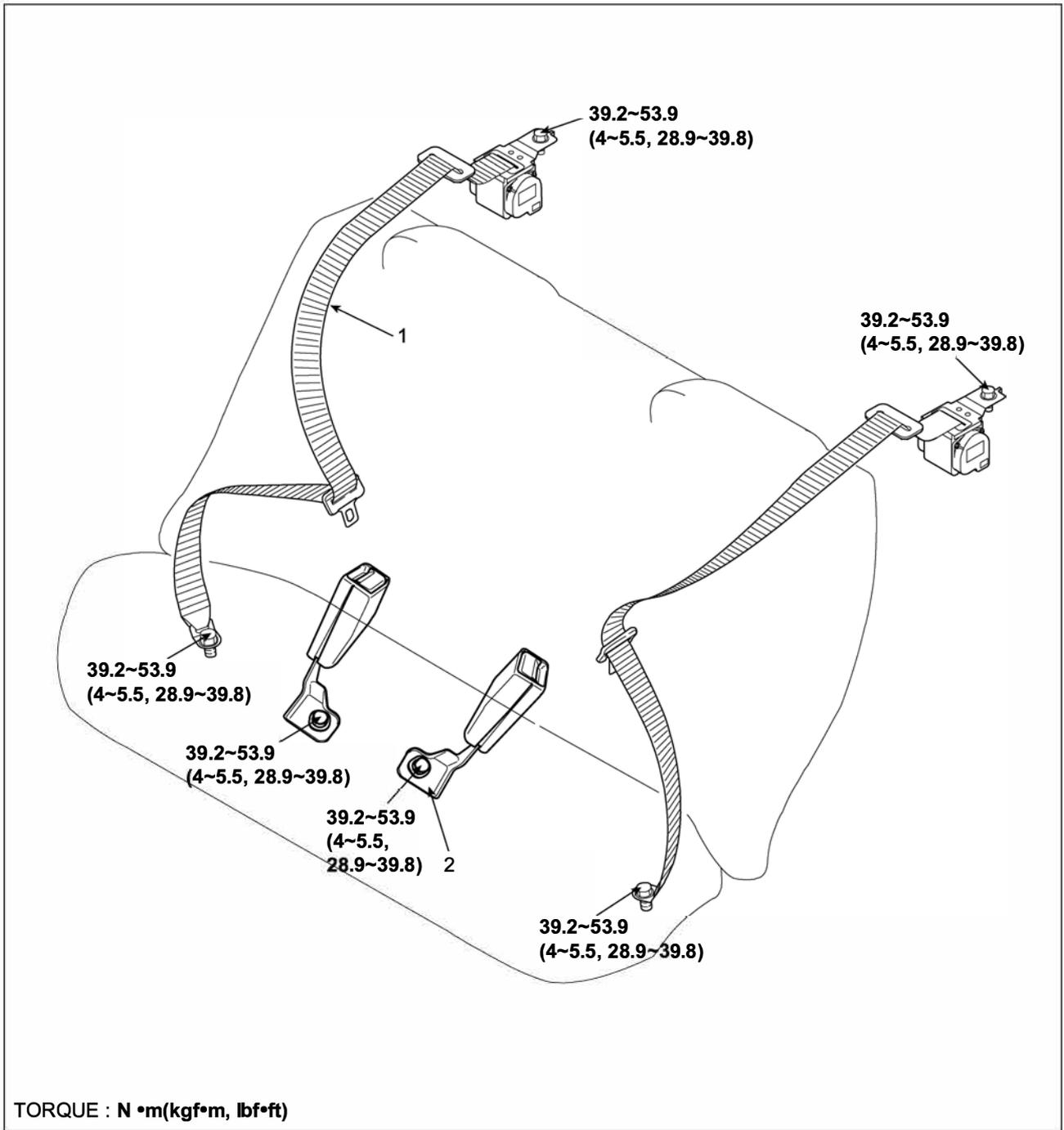
⚠ CAUTION

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

COMPONENTS E4C5BE8D



TORQUE : N •m(kgf•m, lbf•ft)

1. Rear seat belt

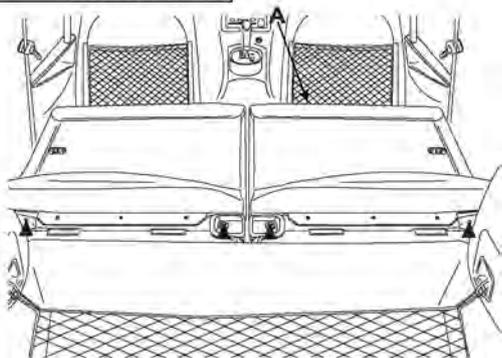
2. Rear seat buckle

REMOVAL AND INSTALLATION

REAR SEAT BELT REPLACEMENT

1. After loosening the rear seat back mounting bolt, remove the rear seat back (A).

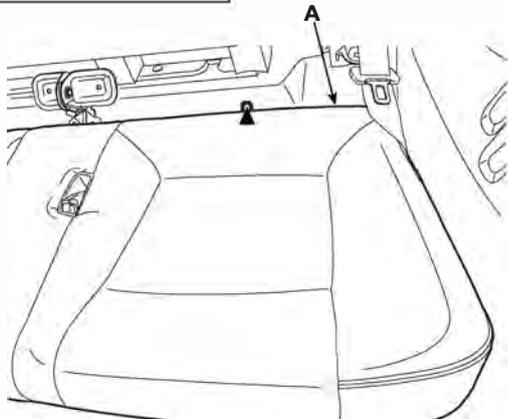
▶ : Bolt Location, 4
 34.3 ~ 44.1 N·m
 (3.5 ~ 4.5 kgf·m)
 25.3 ~ 32.5 lbf·ft)



LSOE035B

2. After loosening the rear seat cushion mounting bolt, remove the rear seat (A).

▶ : Bolt Location
 34.3 ~ 44.1 N·m
 (3.5 ~ 4.5 kgf·m)
 25.3 ~ 32.5 lbf·ft)

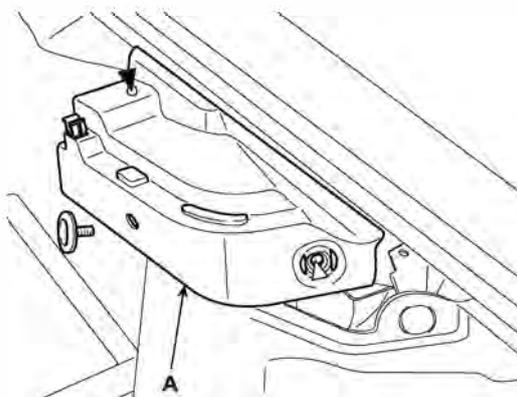
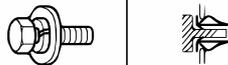


LSOE035C

3. Remove the trim (A).

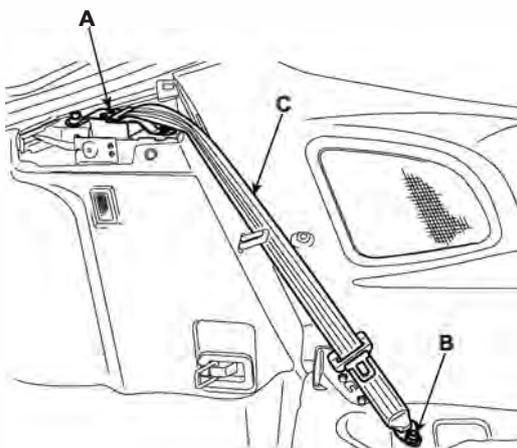
Fastener Locations

▶ : Bolt ▷ : Clip



LSOE035D

4. Loosening the retractor (A) mounting bolt.
5. After loosening the lower anchor (B) mounting bolt, remove seat belt (C).



LSOE035E

6. Installation is the reverse of removal.

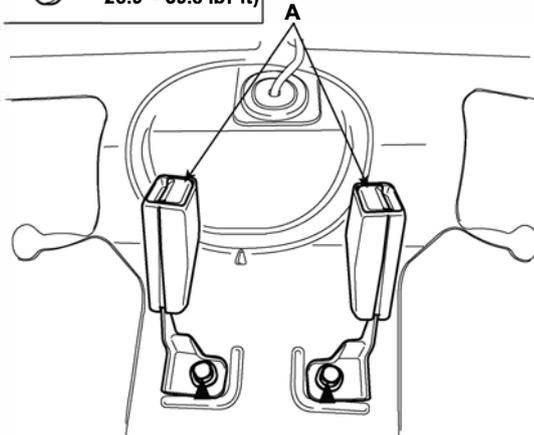
REAR SEAT BELT BUCKLE REPLACEMENT

1. Remove the rear seat (See page BD-62).
2. Remove the seat buckle (A).

▶ : Bolt location, 2



39.2 ~ 53.9 N·m
(4 ~ 5.5 kgf·m
28.9 ~ 39.8 lbf·ft)



LSOE035F

3. Installation is the reverse of removal.