



# SAIPA

## Body & Trim Repair Manual ( Saba & Nasim)

Code:PDRM2J/1/1

# SAIPA

## Workshop Manual

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### Body & Trim

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## BODY

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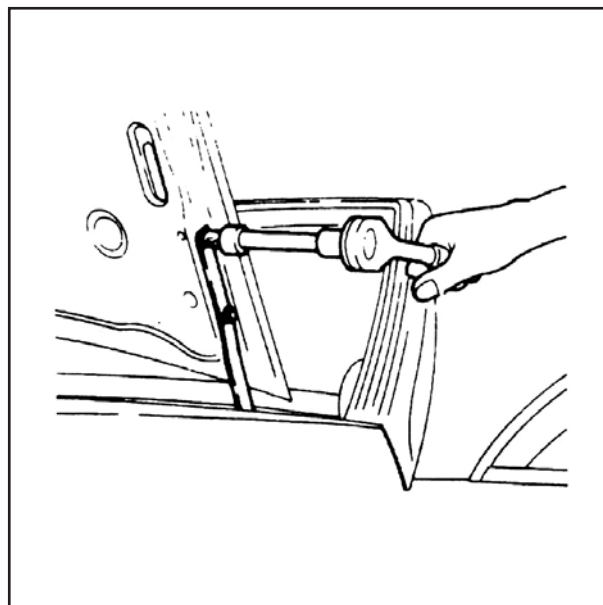


## BONNET

### REMOVAL AND INSTALLATION

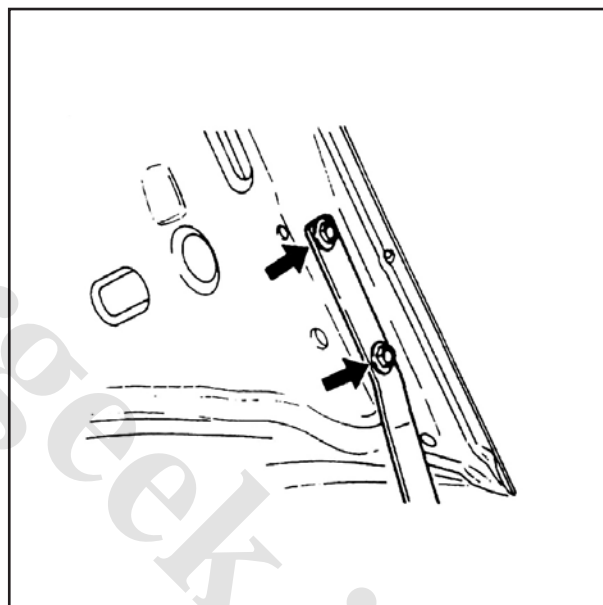
1. Remove the windshield washer pipe.
2. Mark the bonnet hinge locations on the bonnet for proper reinstallation.
3. Remove the bonnet hinge installation bolts and remove the bonnet.
4. Install the bonnet in the reverse order of removal.

Adjust the bonnet if necessary.

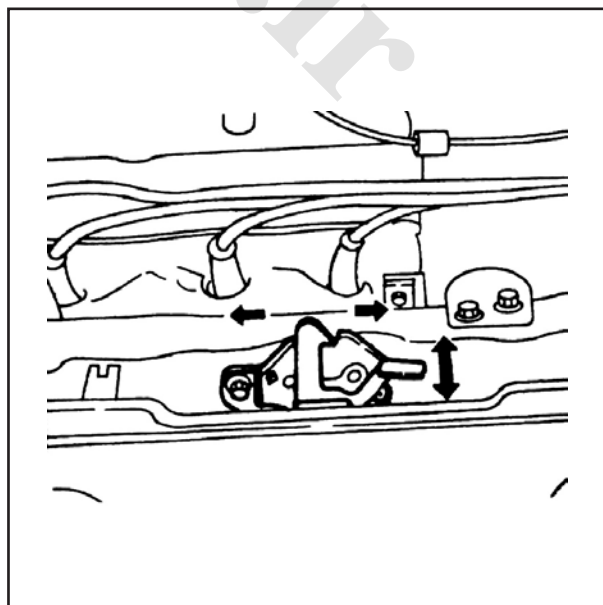


### ADJUSTMENT

1. Adjust the bonnet fore-and-aft and side-to-side by loosening the nuts attaching the bonnet to the hinge and repositioning the bonnet.



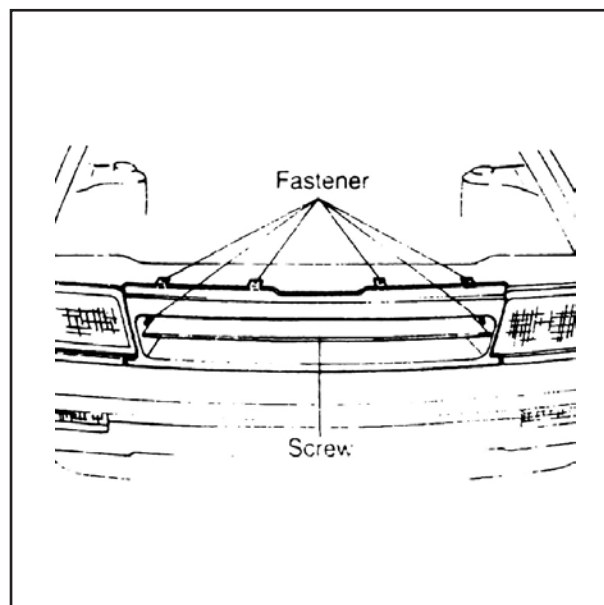
2. Adjust the bonnet lock after the bonnet has been aligned. The bonnet lock can be moved up-and-down and side-to-side. Align the lock with the striker on the bonnet by loosening the lock installation bolts and nut.



## RADIATOR GRILLE

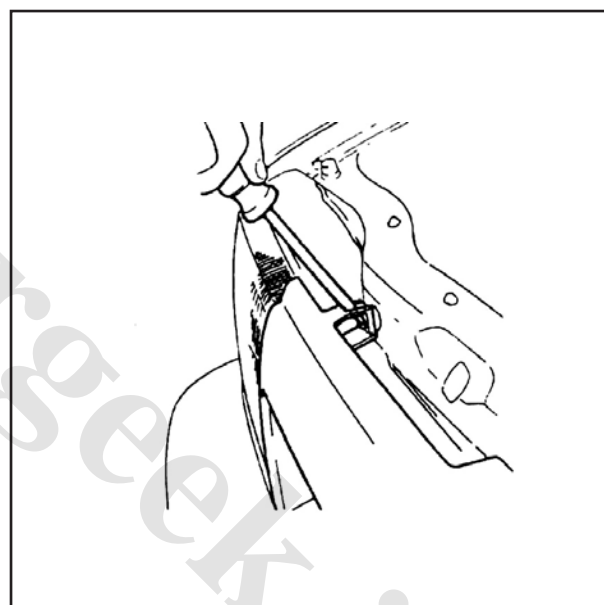
### REMOVAL AND INSTALLATION

1. Remove the radiator grille installation screw.



2. Open the tabs of the fasteners using the tip of a small standard screwdriver, and then remove the radiator grille.

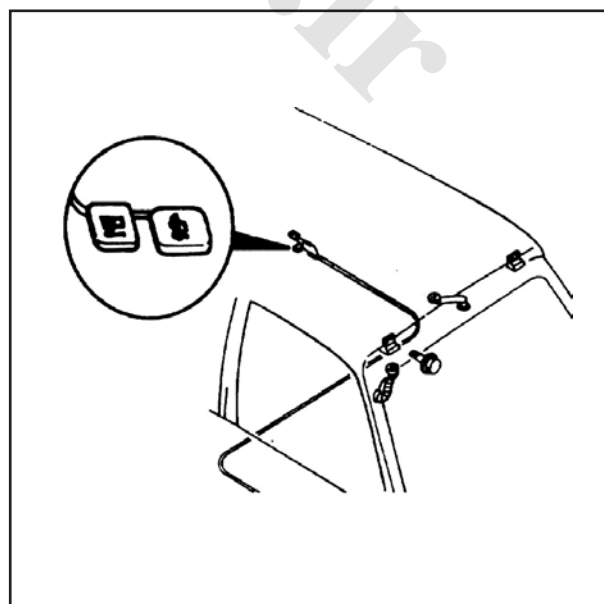
3. When installing, insert the fasteners into the grille, and then press them in after aligning them with the installation holes of the body.



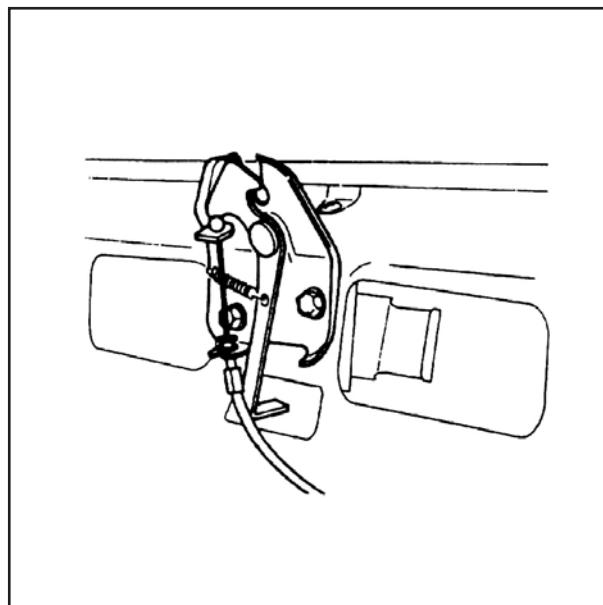
## REAR HATCH AND FUEL FILLER LID RELEASE

### REMOVAL AND INSTALLATION

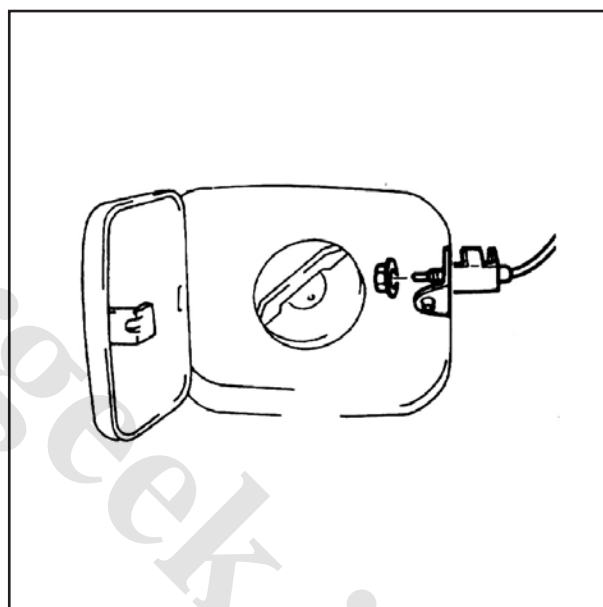
1. Remove the installation bolt, and then disconnect the rear hatch and fuel lid release wires.



2. Disconnect the release wire from the rear hatch lock.

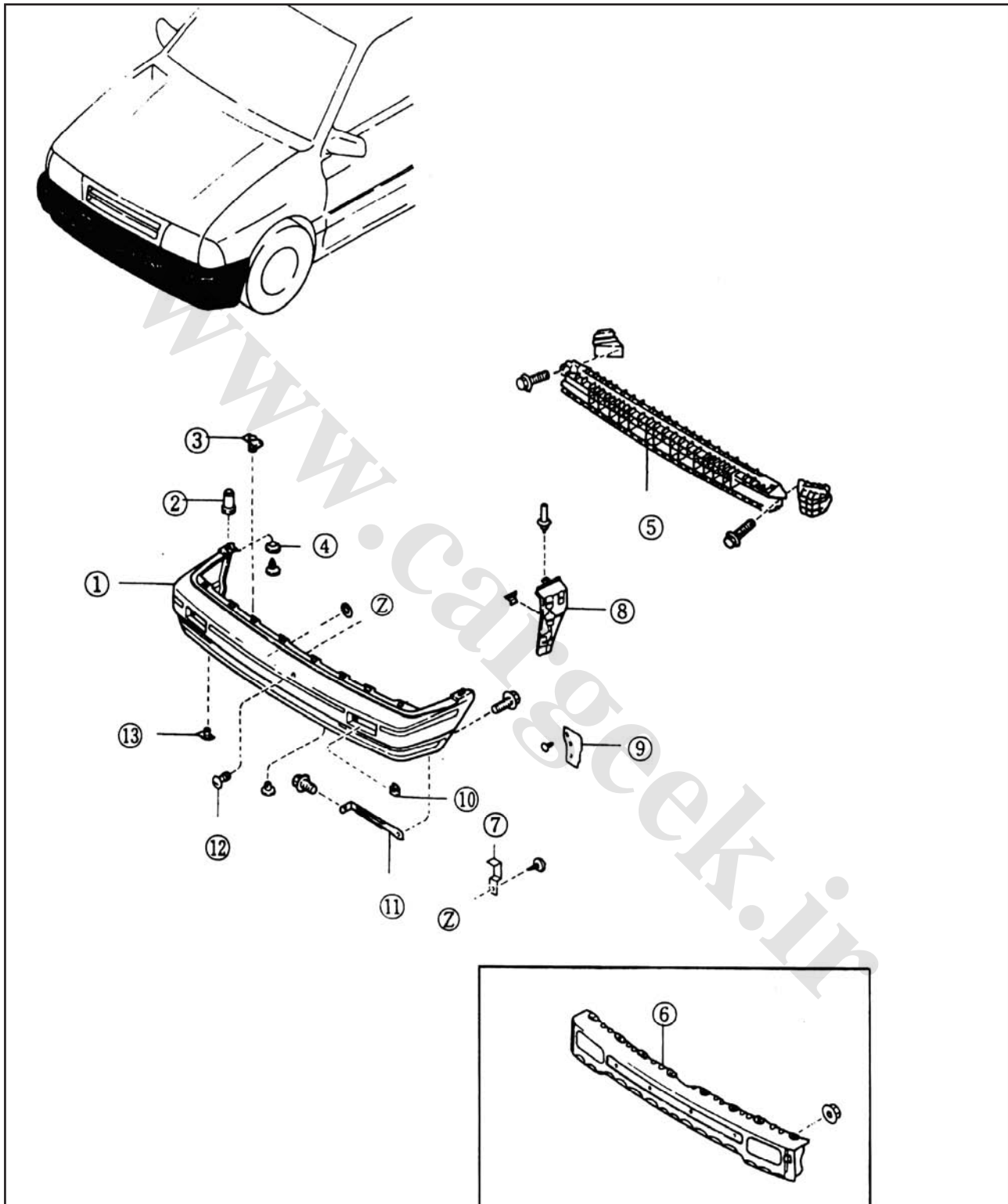


3. Open the fuel filler lid, remove the installation nut, and remove the fuel lid opener assembly.  
4. Install in the reverse order of removal.



## FRONT BUMPER

## STRUCTURAL VIEW



1. Front bumper
2. Slider No. 1
3. Fastener
4. Slider No. 2
5. Honeycomb

6. Reinforcement
7. Clip
8. Front bumper bracket
9. Rubber seal
10. Spring nut

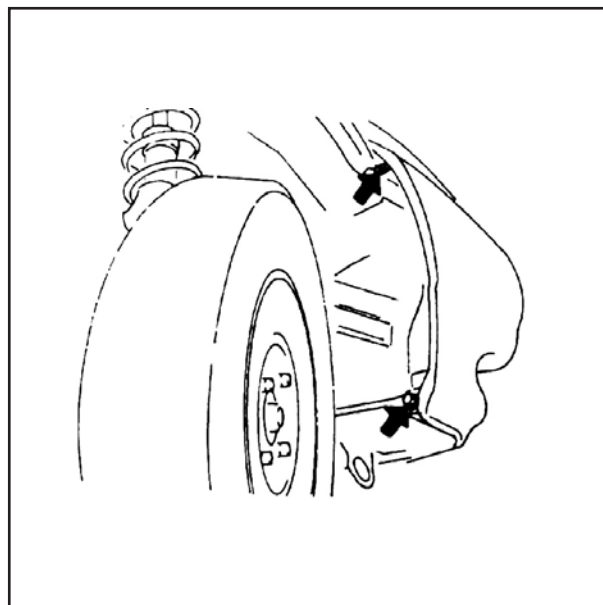
11. Side bracket
12. Grommet
13. Fastener





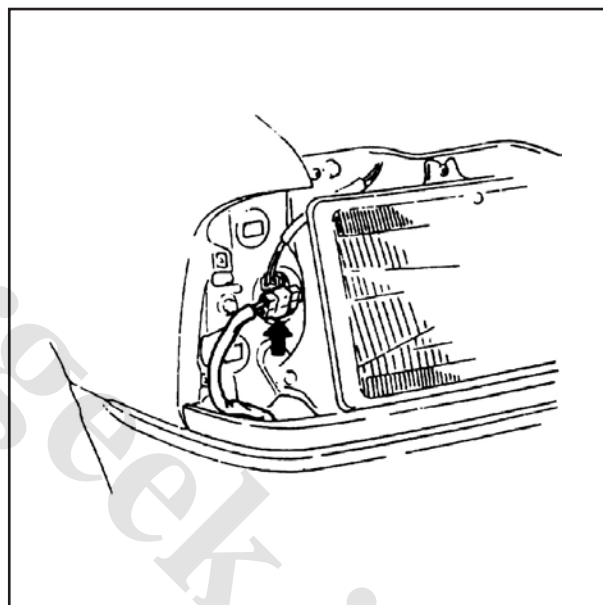
### Removal

1. Remove the installation screws.

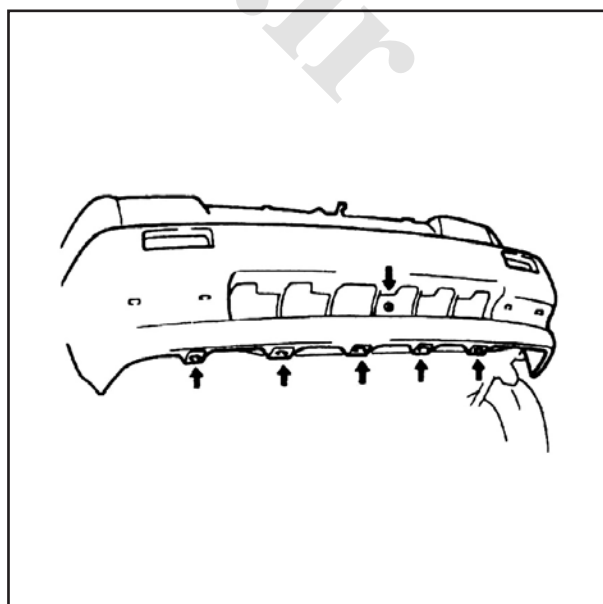


2. Remove the screws, of combination lamp and remove it.

3. Remove the connector of turn signal lamp assembly



4. Remove the fasteners shown in the figure.  
Remove the grommet



5. Remove the bumper stay screws..

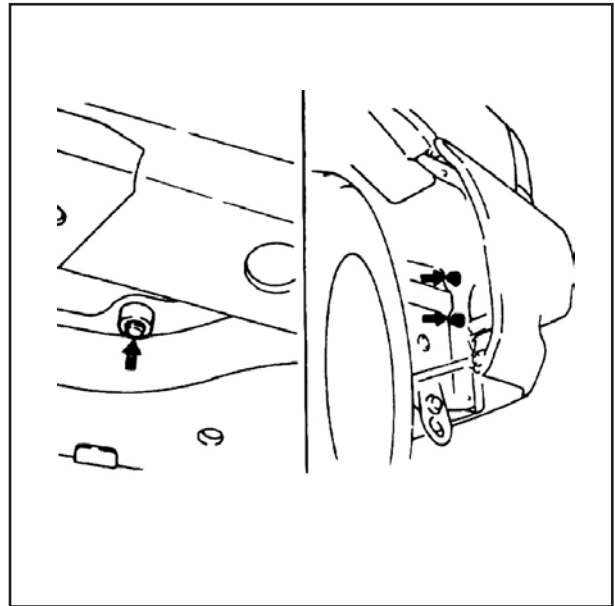
Installation

Install in the reverse order of removal.

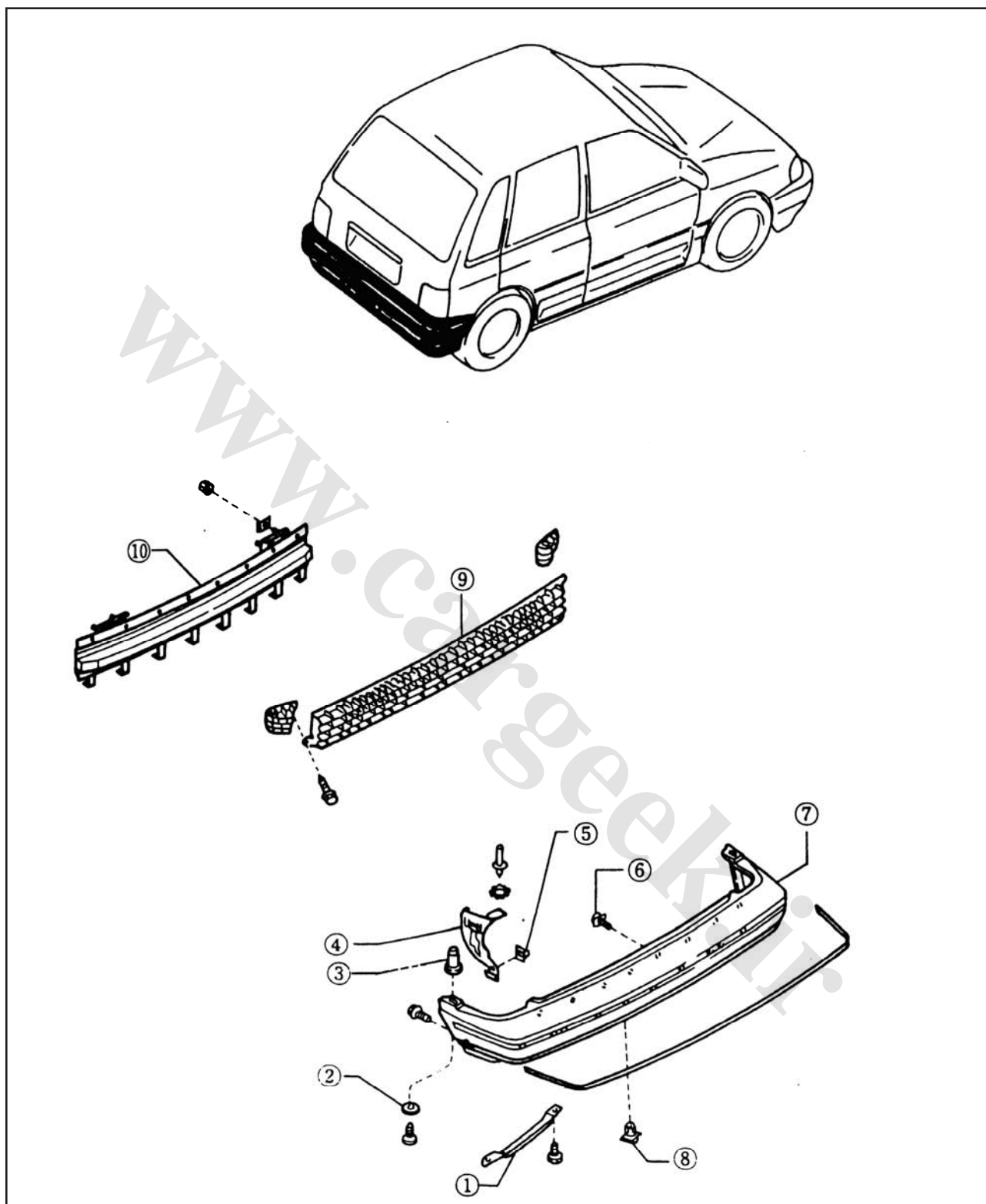
Tighten the bumper stay

Tightening torque:

19~26 N . m(1.9~2.6 m-kg, 13~18 ft-lb)



# REAR BUMPER STRUCTURAL VIEW



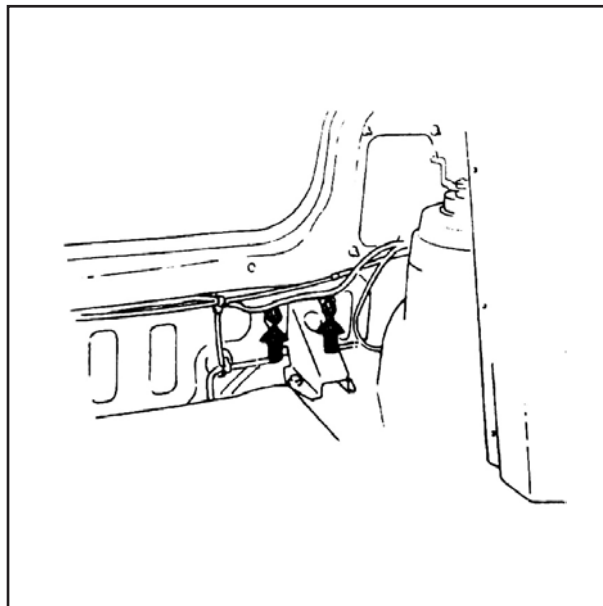
1. Rear bracket
2. Slider No. 2
3. Slider No. 1
4. Bracket
5. Clip

6. Fastener
7. Rear bumper
8. Fastener
9. Honeycomb
10. Reinforcement

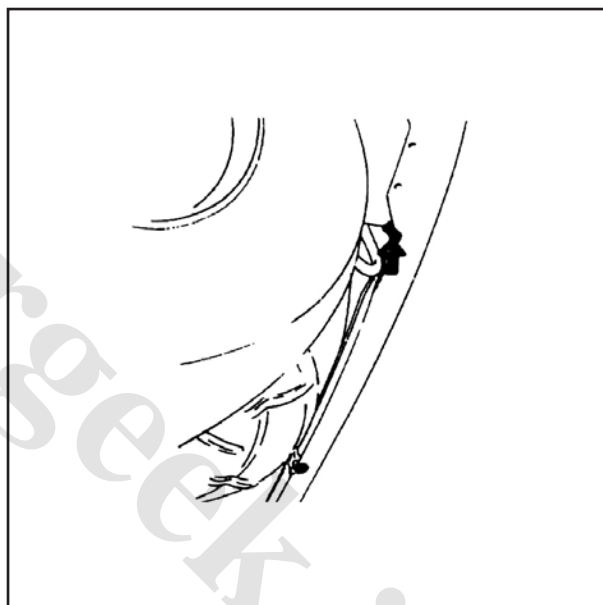


**Removal**

1. Remove the trim of trunk side and then remove the bumper stay nuts.



2. Remove the installation nut between tire and fender



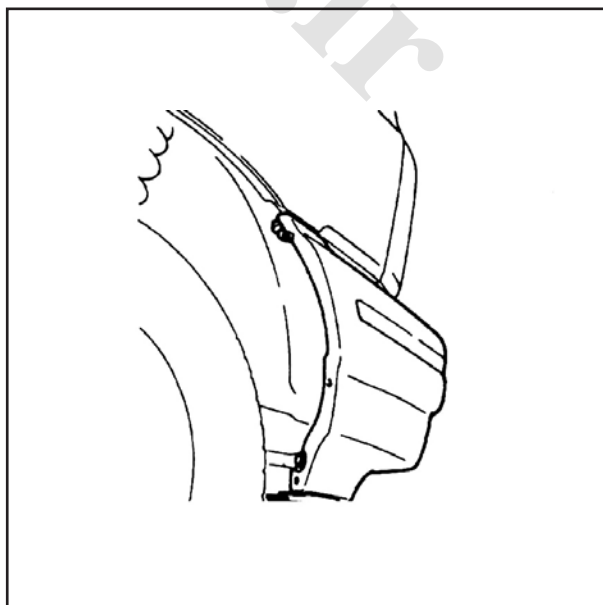
3. Remove the installation screw shown in the figure.

**Installation**

Install in the reverse order of removal.  
Tighten the bumper stay installation nut.

Tightening torque:

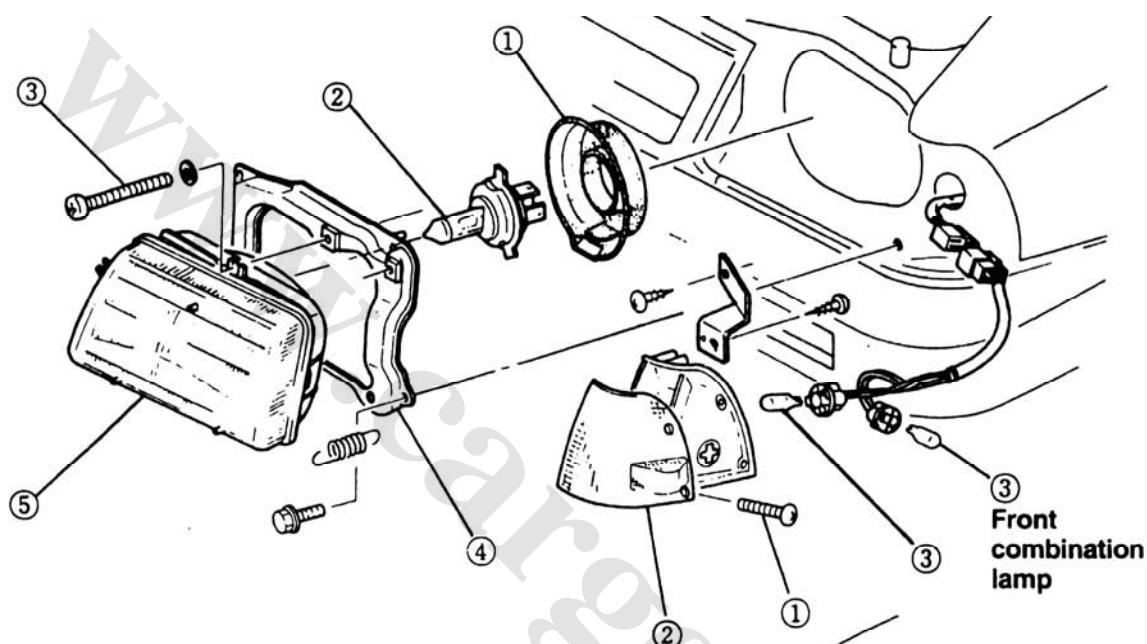
19~26 N . m (1.9~2.6 m·kg, 13~18 ft·lb)



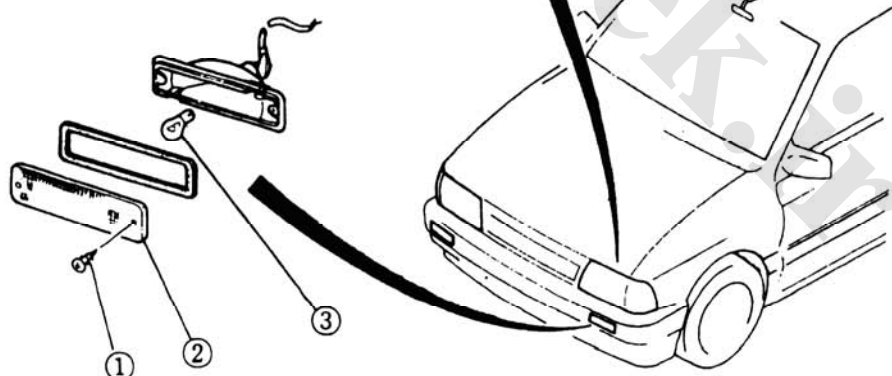
## HEADLAMP AND FRONT COMBINATION LAMP REMOVAL AND INSTALLATION

1. Disconnect the negative battery cable.
2. Remove the parts in the sequence shown in the figure.
3. Install in the reverse order of removal.

### Headlamp



### Front turn signal lamp



1. Dust cover
2. Headlamp bulb
3. Adjust screw
4. Housing
5. Headlamp unit

- Front combination lamp
1. Screw
  2. Lens
  3. Bulb

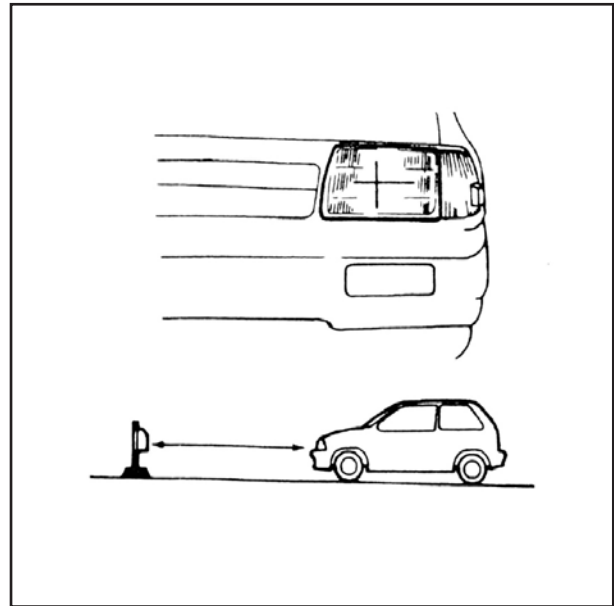
- Front turn signal lamp
1. Screw
  2. Lens
  3. Bulb



## HEADLAMP AIMING

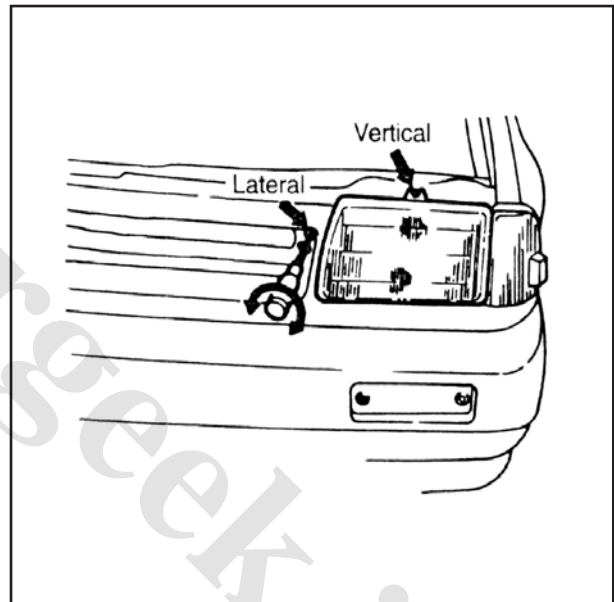
### Preparation

1. Adjust the tires to the standard pressure.
2. Position the vehicle on a flat level surface (unloaded condition).



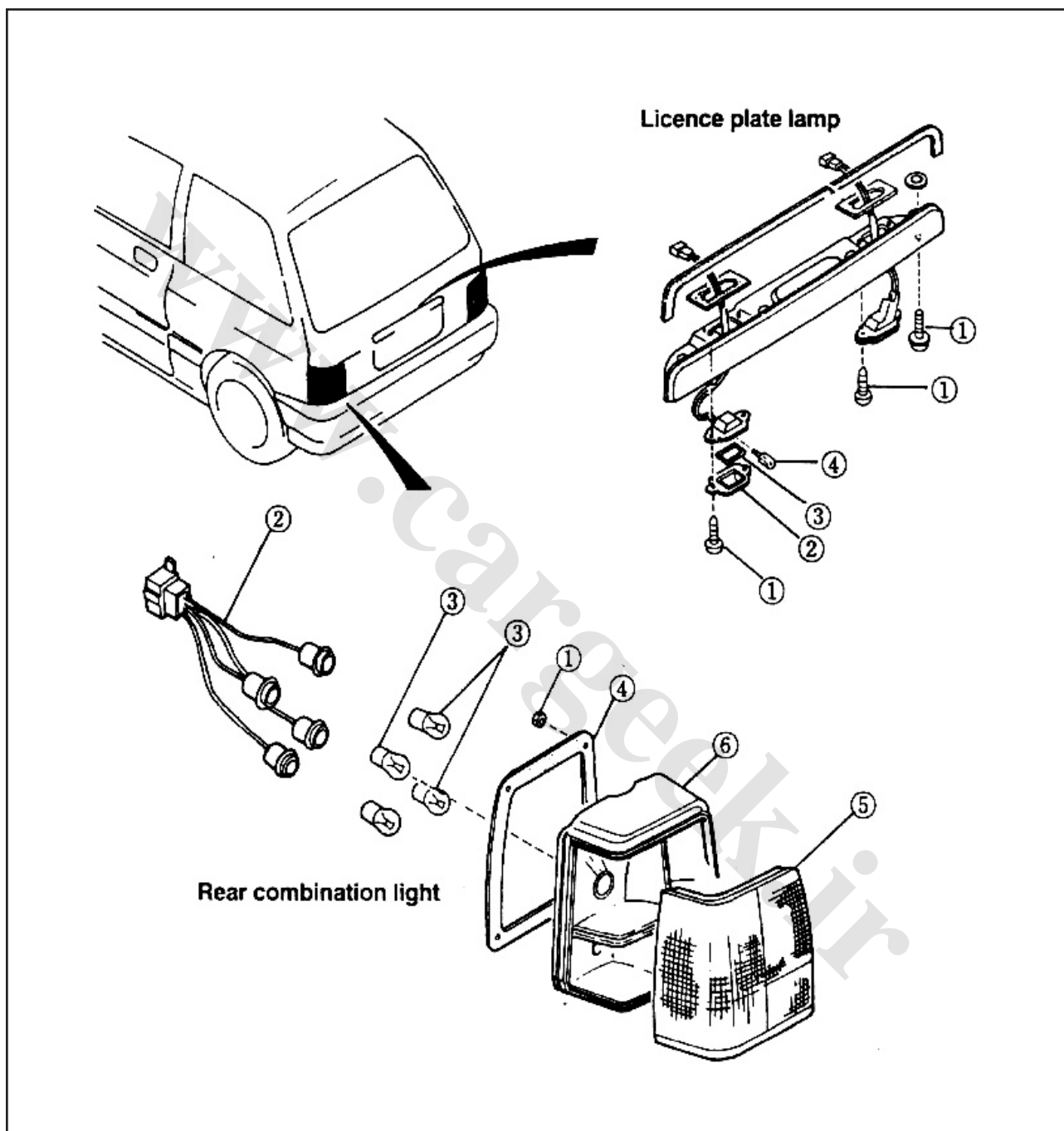
### Adjustment

Adjust the headlights to meet national regulations.  
To adjust, turn the two adjusting screws.



# REAR COMBINATION LAMP AND LICENCE PLATE LAMP REAR REMOVAL AND INSTALLATION

1. Disconnect the negative battery cable.
2. Remove in the sequence shown in the figure! referri
3. Install in the reverse order of removal.



## Rear combination light

1. Nut
2. Socket assy
3. Bulb
4. Gasket
5. Lens
6. Housing

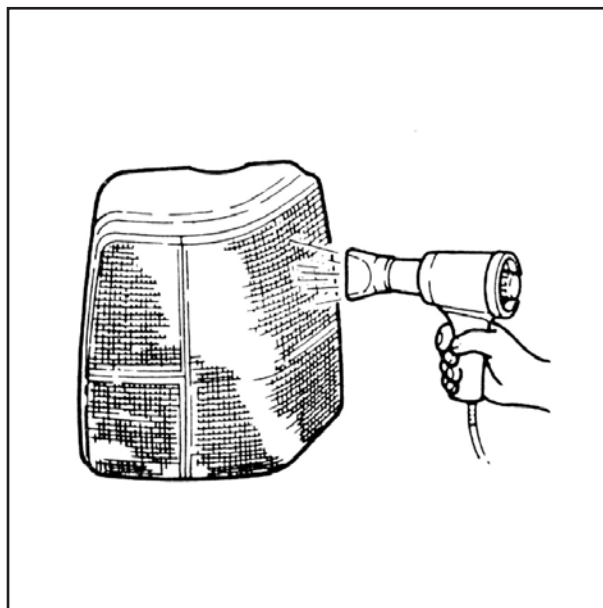
## Licence plate lamp

1. Screw
2. Lens
3. Gasket
4. Bulb

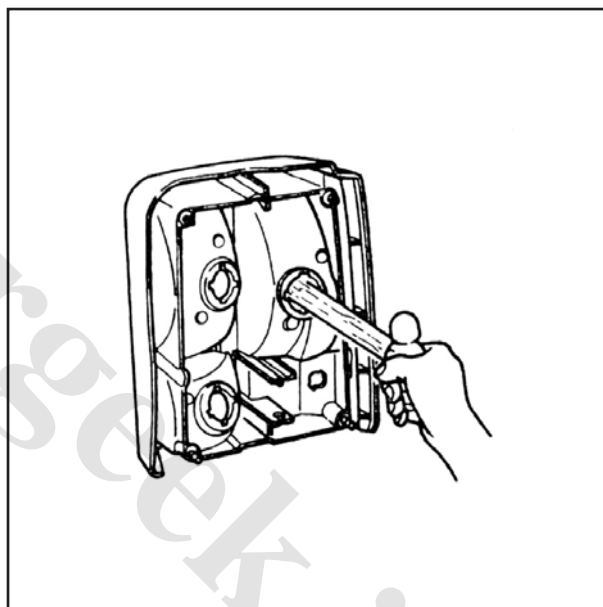


**Removal Note****Combination lamp lens**

1. Remove the light housing.
2. Use a blow dryer to soften the "hot melt" (in-gent) around the lens, to be replaced.



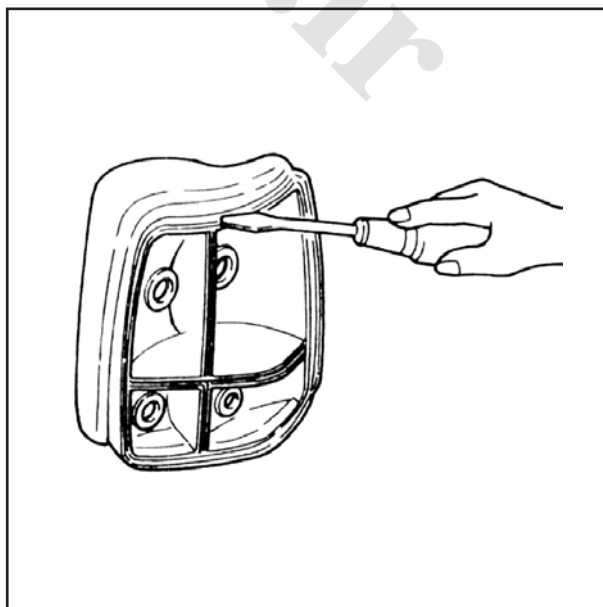
2. Remove the lens from the lamp housing by pushing against the rear of the lens.



3. While heating the lamp housing, remove any remaining fragments of the lens.

**Note**

The "hot melt" should be reused if possible.

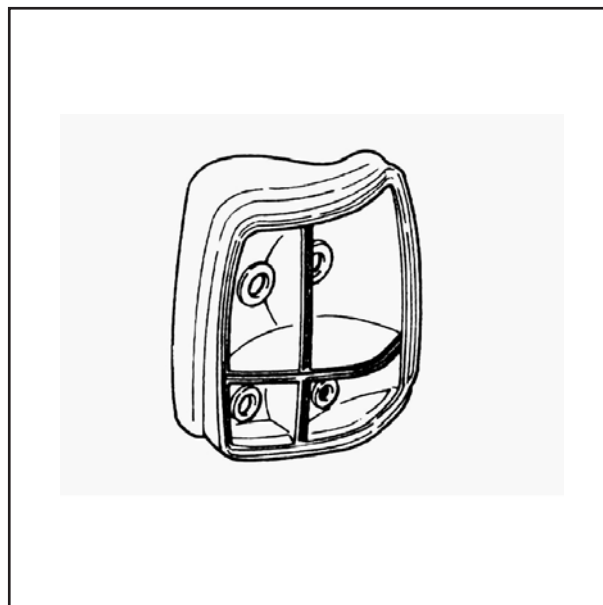




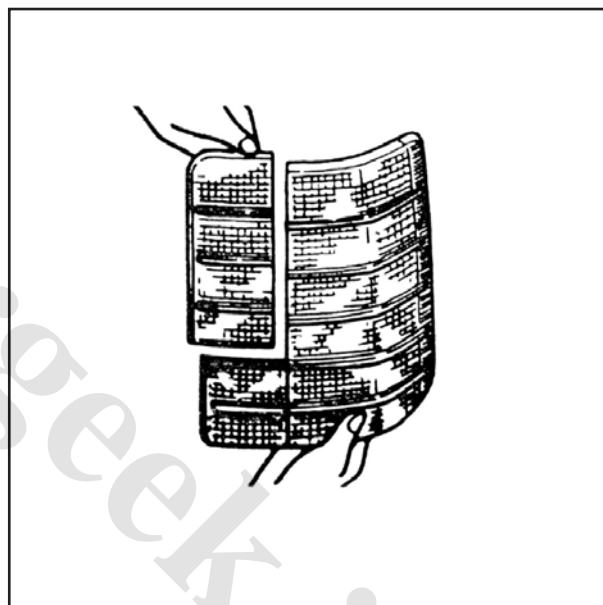
#### Installation Note

##### Combination lamp lens

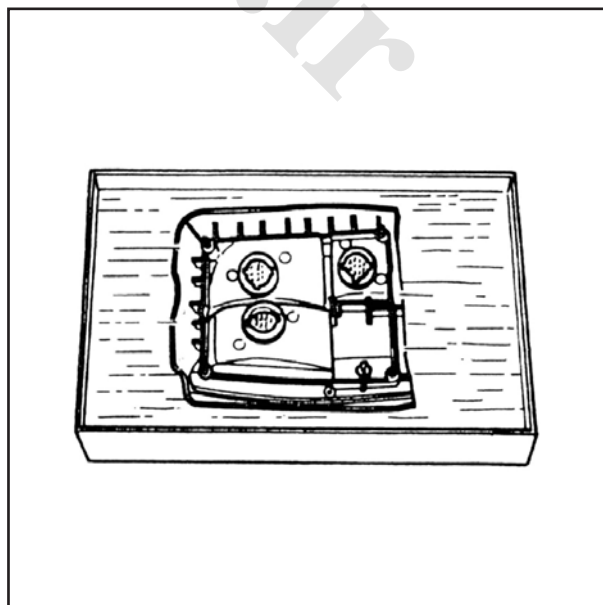
1. If the hot melt is not being reused, put Uni-sealer(8531 77 739) or equivalent sealant in the lamp housing groove as adhesive.



2. Fit the new lens to the lamp housing, and press the lens firmly so that it will adhere

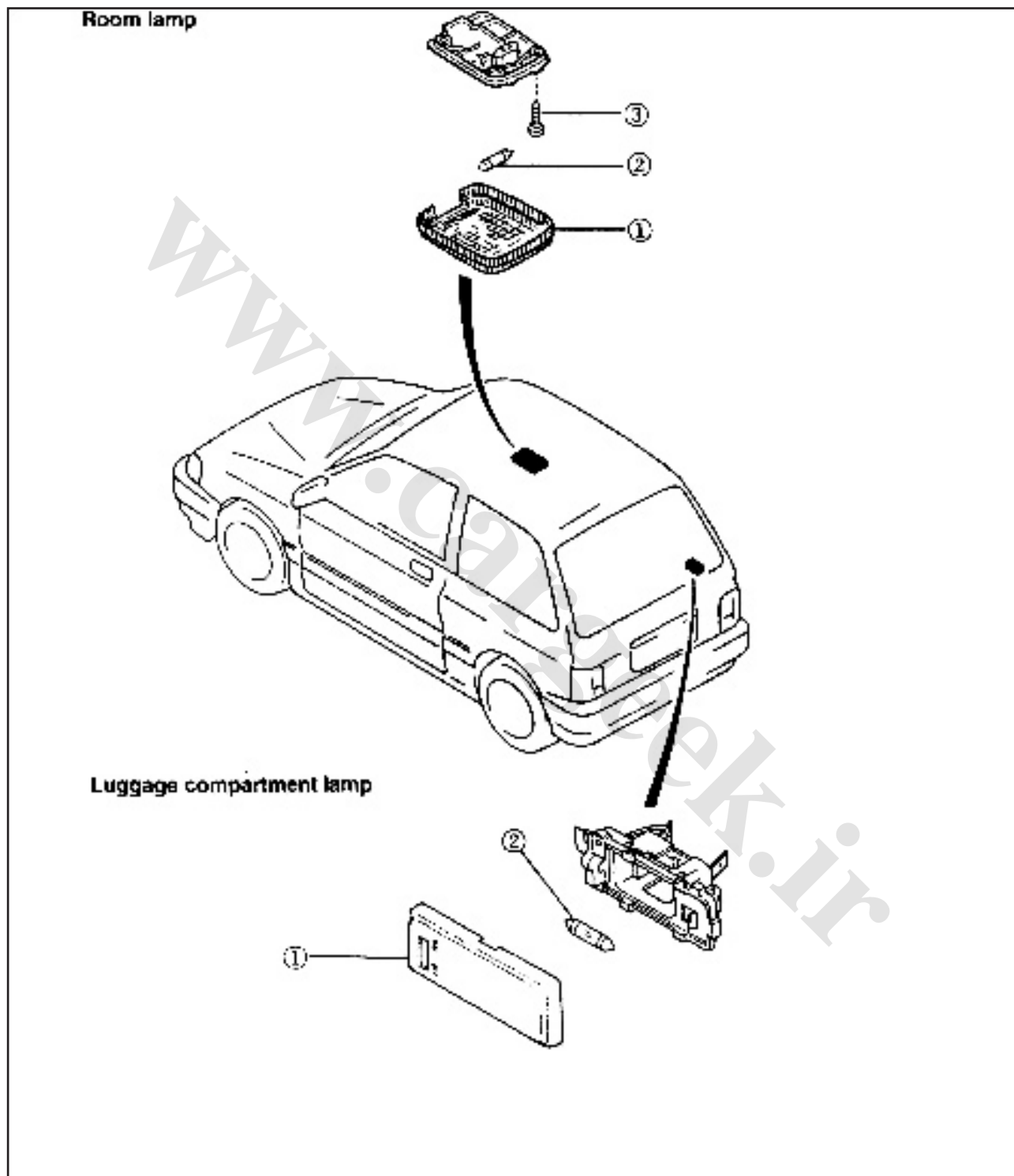


3. Immerse the combination lamp in water to check for leaks.



# ROOM LAMP AND LUGGAGE COMPARTMENT LAMP REMOVAL AND INSTALLATION

1. Disconnect the negative battery cable.
2. Remove the parts in the sequence shown in the figure.
3. Install in the reverse order of removal.



Room lamp  
1. Lens  
2. Bulb  
3. Screw

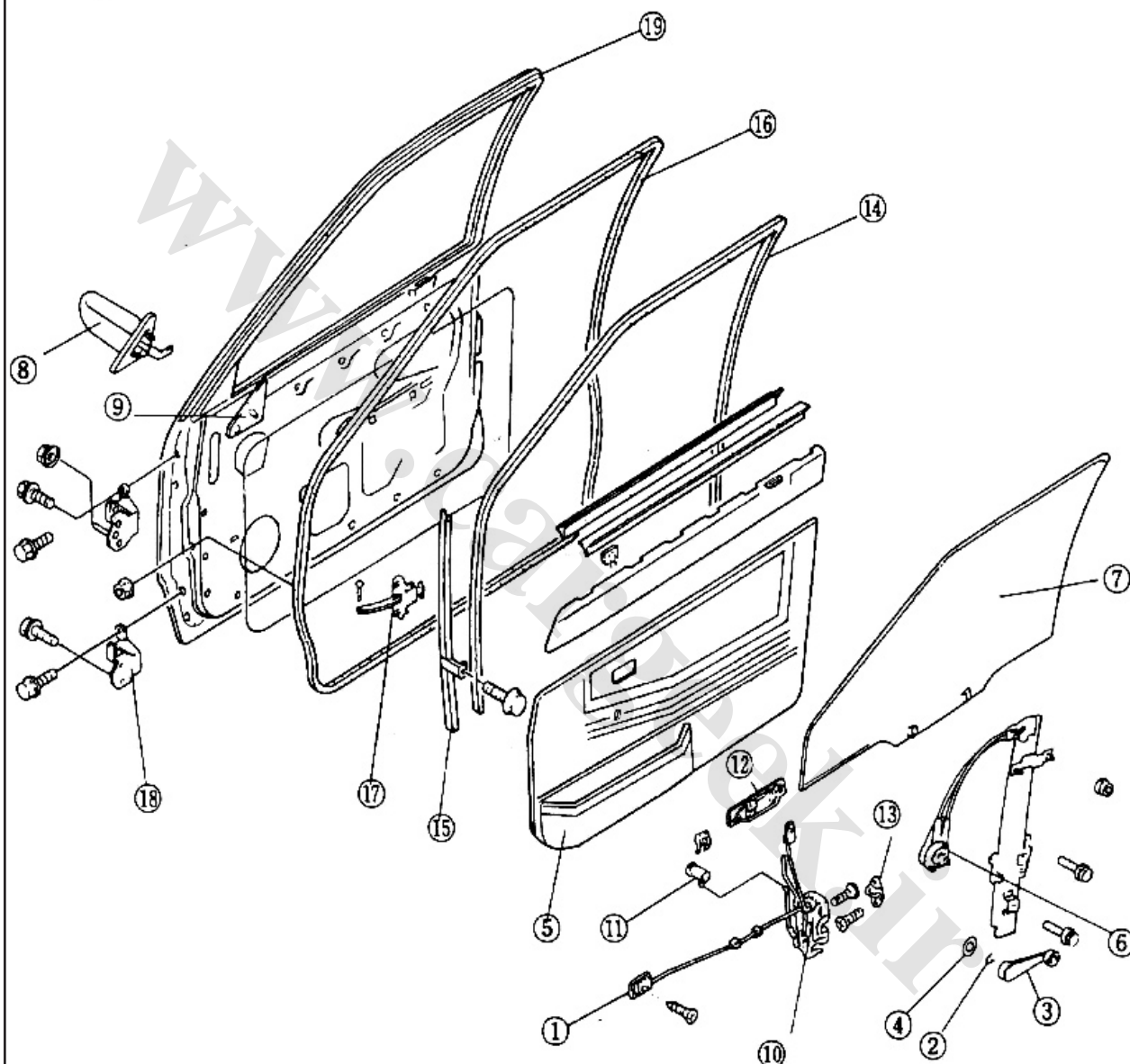
Luggage compartment lamp  
1. Lens  
2. Bulb



# FRONT DOOR REMOVE AND INSTALLATION

1. Install in the reverse order of removal.

Structural View



1. Inner handle cover  
2. Snap ring  
3. Regulator handle  
4. Gasket  
5. Door trim  
6. Regulator  
7. Glass

8. Door mirror  
9. Inner garnish  
10. Door lock assembly  
11. Key cylinder  
12. Outer handle  
13. Striker  
14. Glass run channel

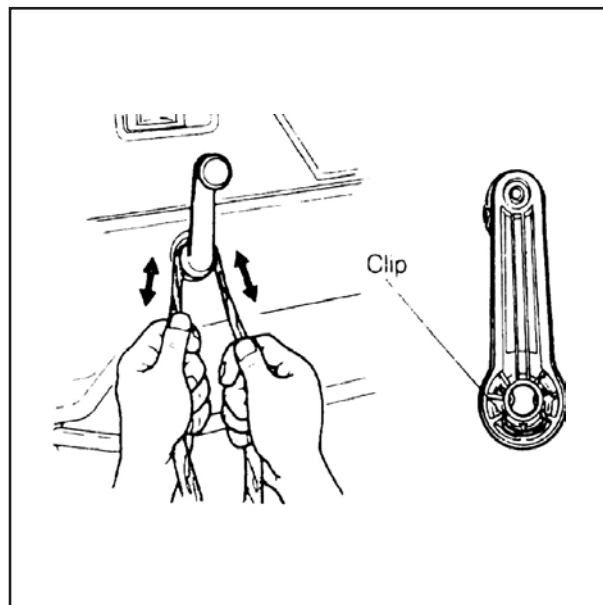
15. Glass guide  
16. Door weatherstrip  
17. Checker pin and checker  
18. Hinge  
19. Front door



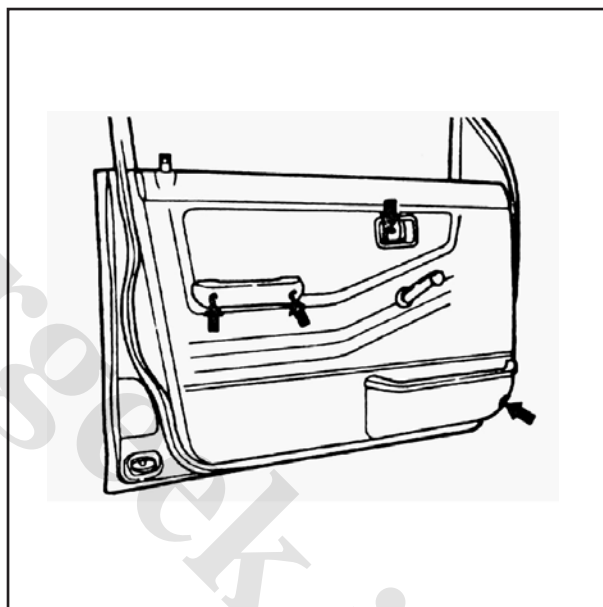
### Removal

#### Front door glass and regulator

1. Remove the cup.
2. Remove the regulator handle.



3. Remove the screws shown in the figure.
4. Remove the door trim.

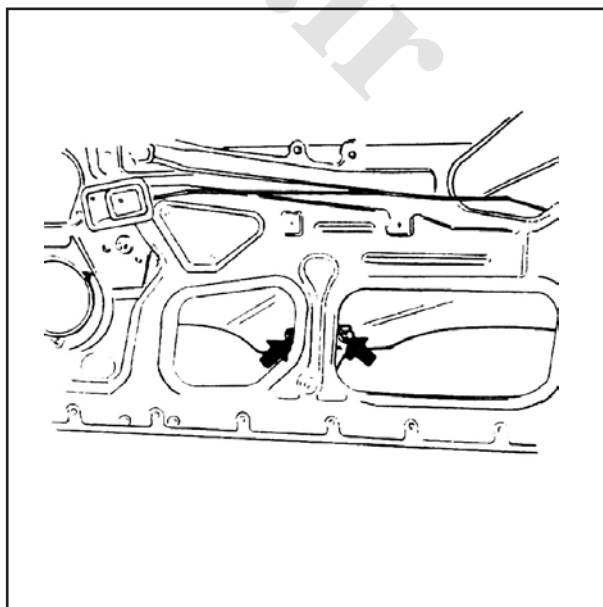


5. Peel off the door screen.

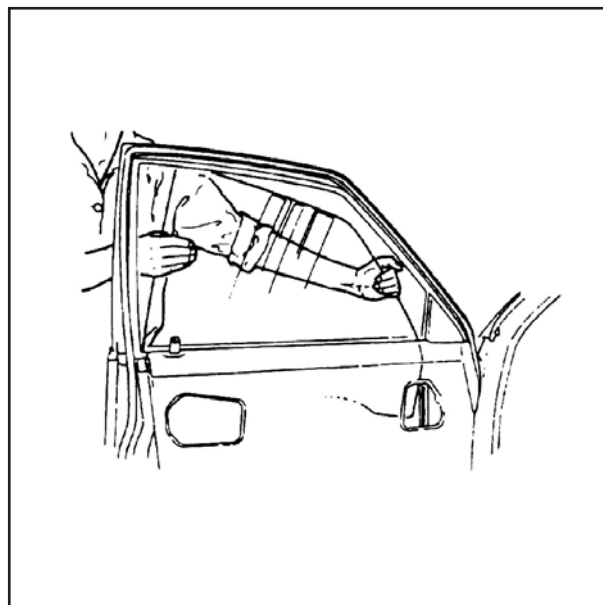
### Note

Peel the screen off carefully so that it can be re-used.

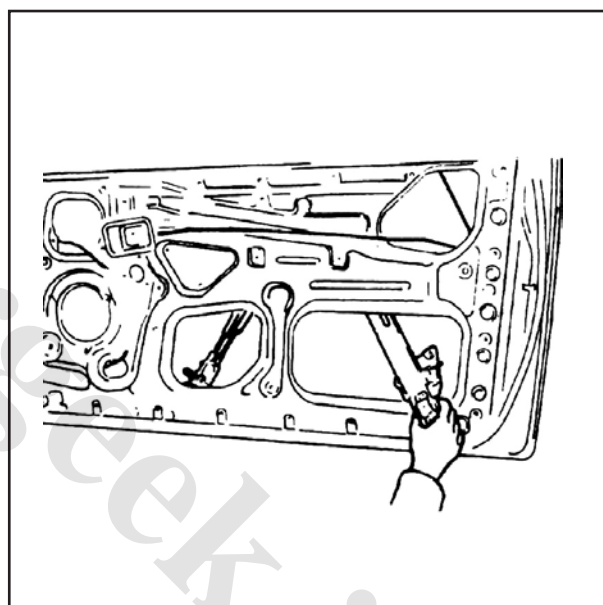
6. Position the door glass so that the installation Bolts can be removed through the service hole.
7. Remove the door glass installation bolts.



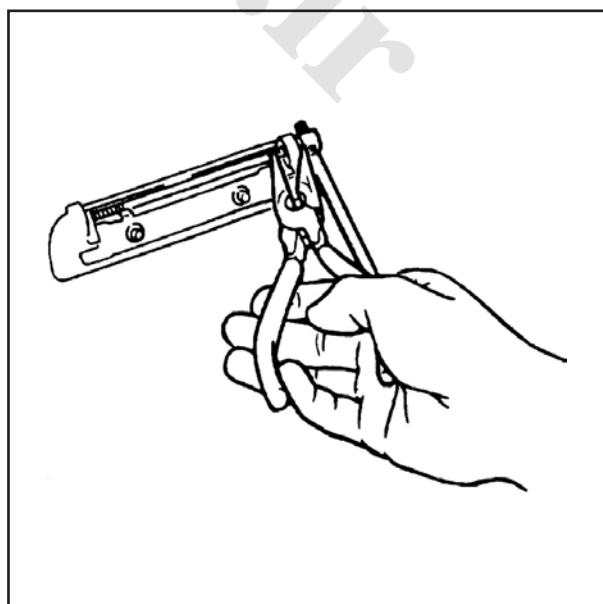
8. Remove the door glass upward.



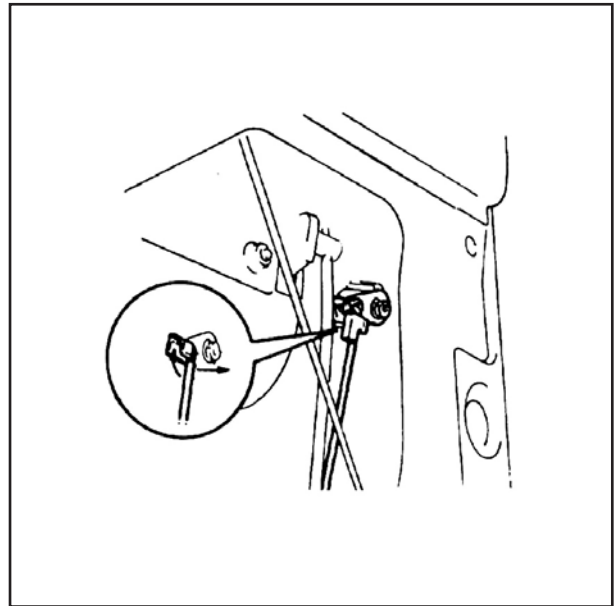
9. Remove the bolts and nuts and remove the regulator through the service hole.



10. Remove the rod and outer handle installation nut and remove the outer handle.

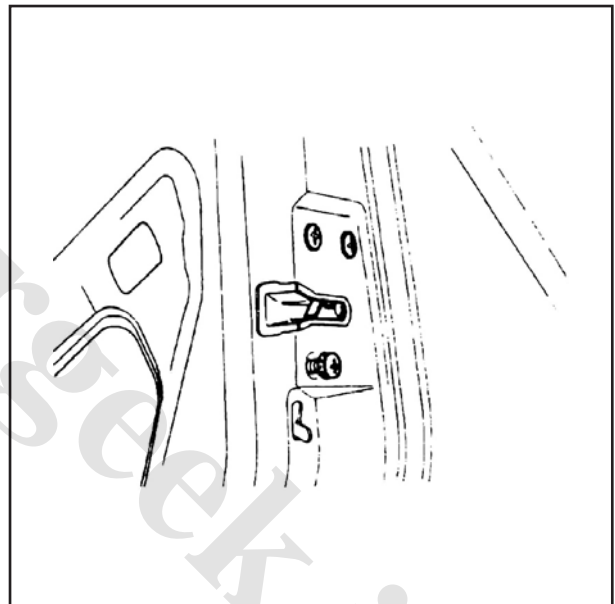


11. Remove the lock cylinder retainer and the door key sub-set.



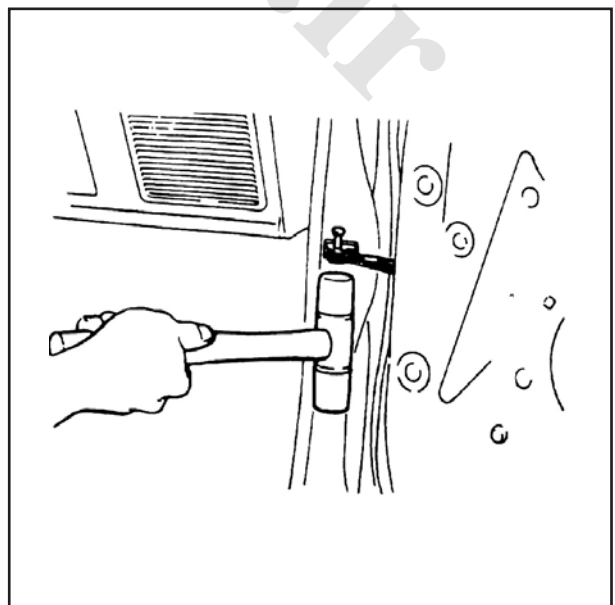
#### Door lock assembly

1. Remove the screws.
2. Remove the door lock assembly.

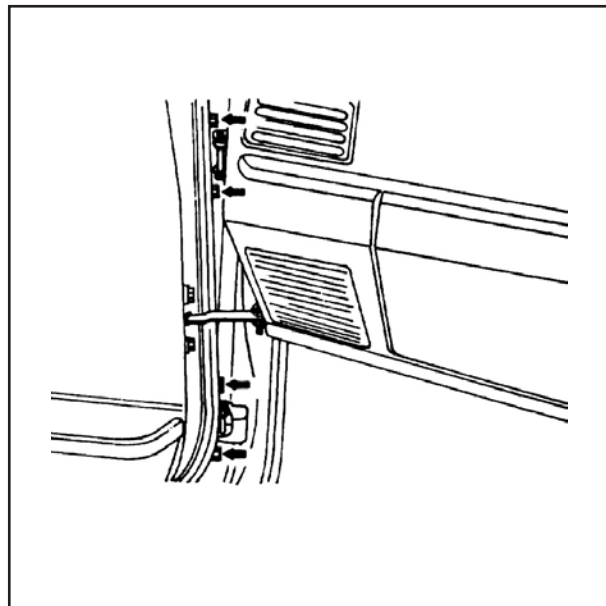


#### Front door

1. Remove the checker pin.



2. Remove the door hinge bolts and remove the door.



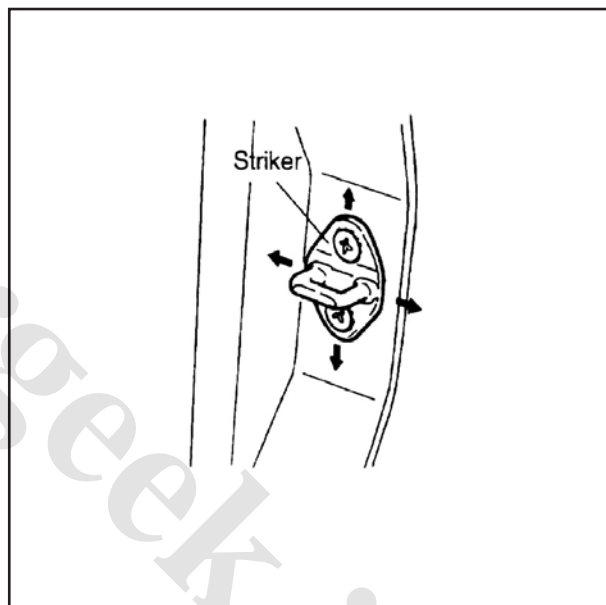
#### ADJUSTMENT

##### Door Lock Striker

1. Check that the door can be closed easily and that there is no play. If there is a problem, loosen the striker installation bolts and adjust the door by moving the striker vertically or horizontally.
2. Check the rear offset of the door to the body. If there is a problem, adjust the door by moving the door lock striker horizontally.

Tightening torque:

18~27 N . m (1.8~2.7 m-kg, 13~20 ft-lb)

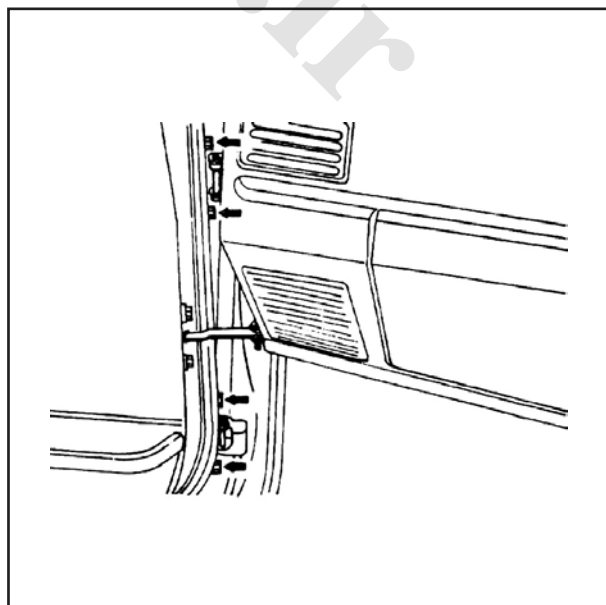


##### Door Hinges

1. Open the door, if there is play in the hinges, tighten the door hinge installation bolts (arrows).
2. To adjust the door-to-body offset, loosen the door hinge installation bolts and make the adjustment.

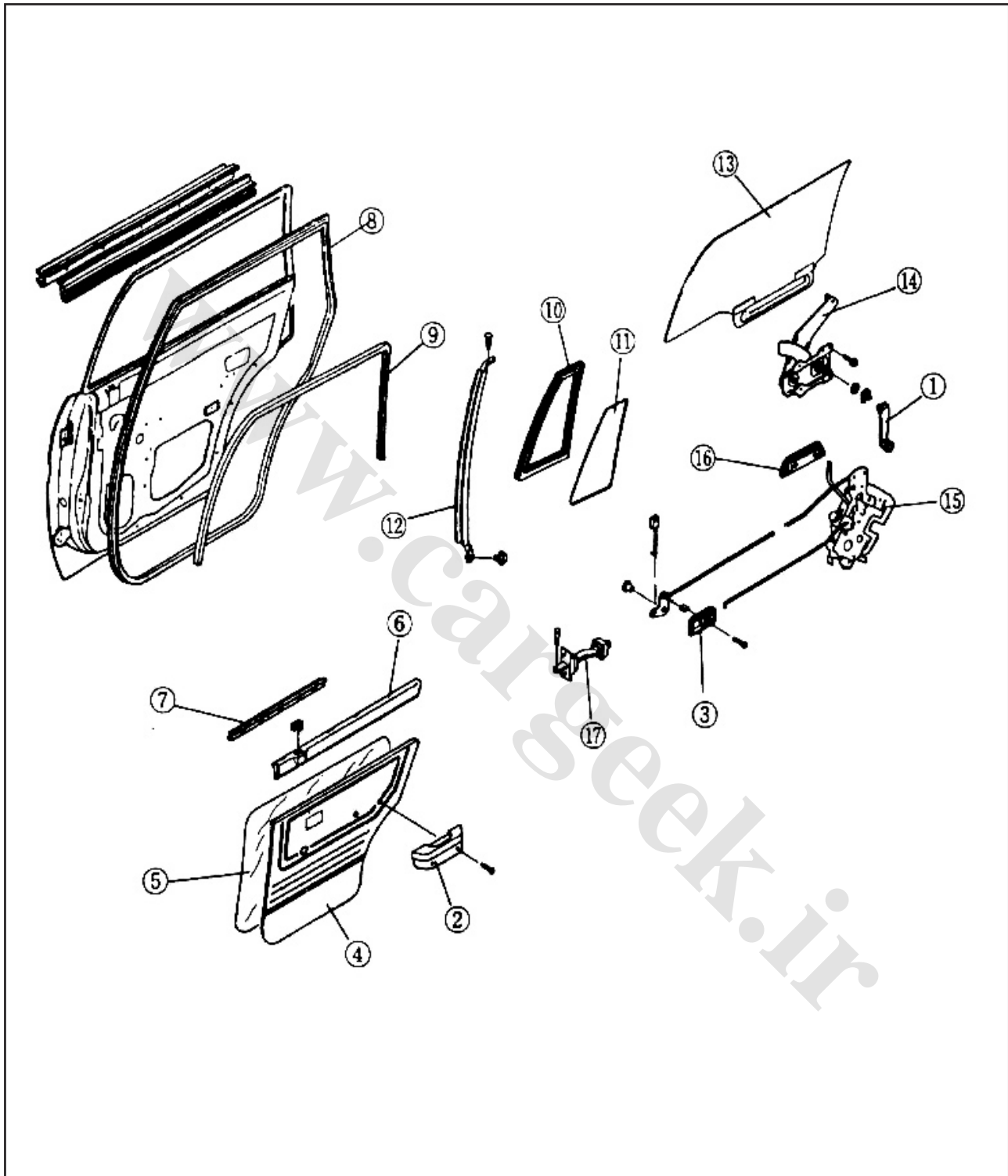
Tightening torque:

16~23 N . m (1.6~2.3m-kg, 12~17 ft-lb)





REAR DOOR (FOR 5 DOOR MODEL)  
STRUCTURAL VIEW



- |                       |                       |                             |
|-----------------------|-----------------------|-----------------------------|
| 1. Regulator handle   | 7. Glass weatherstrip | 13. Glass                   |
| 2. Arm rest           | 8. Door weatherstrip  | 14. Window regulator        |
| 3. Inner handle cover | 9. Glass run channel  | 15. Door lock               |
| 4. Door trim          | 10. Weatherstrip-QTR  | 16. Outer handle            |
| 5. Door screen        | 11. Quarter glass     | 17. Checker pin and checker |
| 6. Door garnish       | 12. Glass guide       |                             |

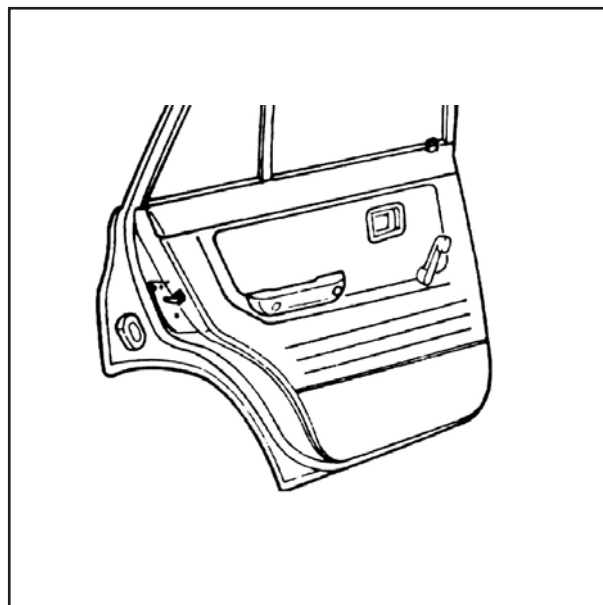




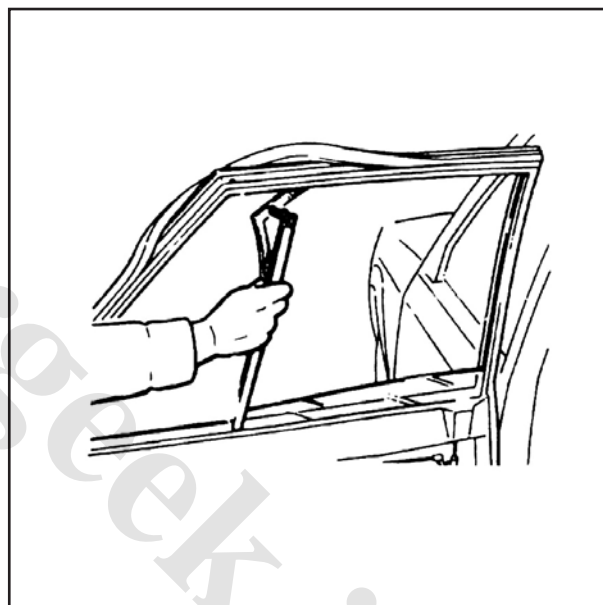
## REAR DOOR GLASS AND REGULATOR QUARTER WINDOW GLASS

### REMOVAL

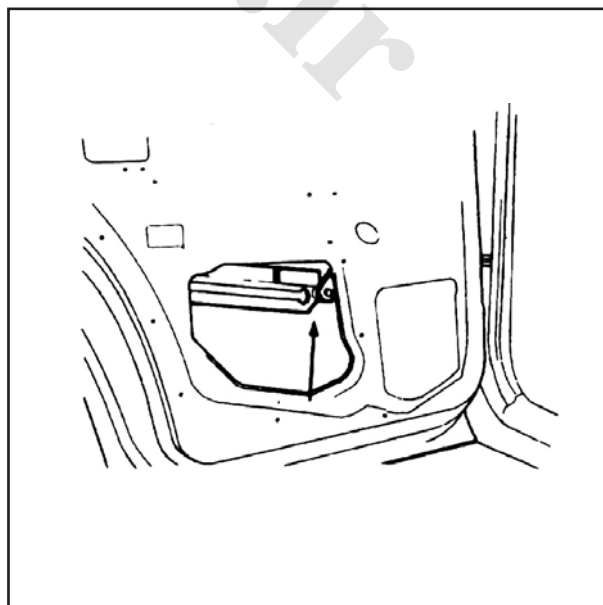
1. Lower the door glass all the way.
2. Remove the inner handle cover, the regulator handle, and the arm rest.
3. Remove the door trim.
4. Remove the belt-line moulding.



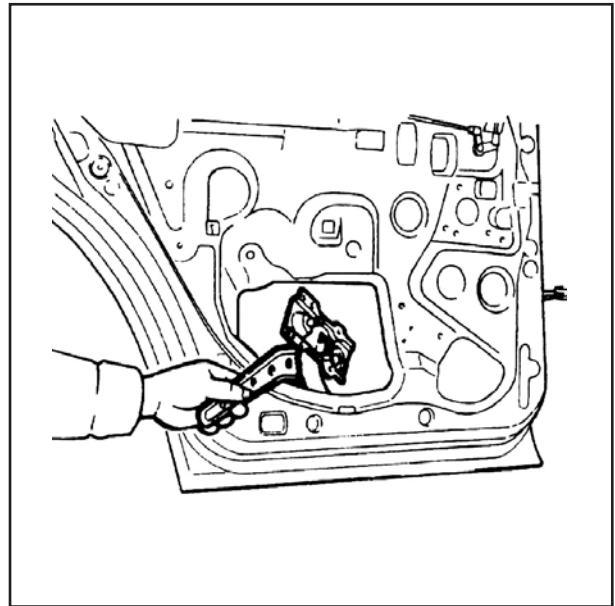
5. Peel off the door screen, taking care not to tear it.
6. Remove the screw and bolt, and remove the center channel.



7. Facing the rear part of the door glass downward, remove the lift bracket from the roller and remove the door glass up and out.



8. Remove the window regulator installation bolt, and remove the regulator through the service hole

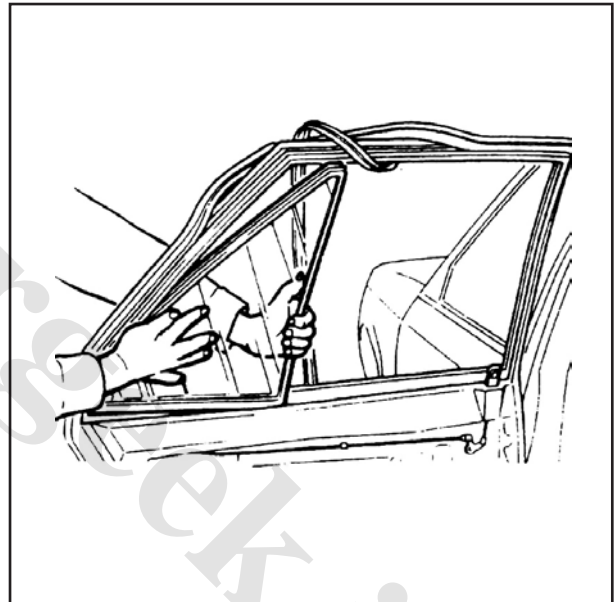


9. Remove the quarter window glass

#### INSTALLATION

Install in the reverse order of removal, lowing.

1. Apply soapy water to the outer circumference of the weatherstrip when installing the quarter window.
2. After installing the window regulator, adjust the up-down movement of the door glass.



#### REAR HATCH

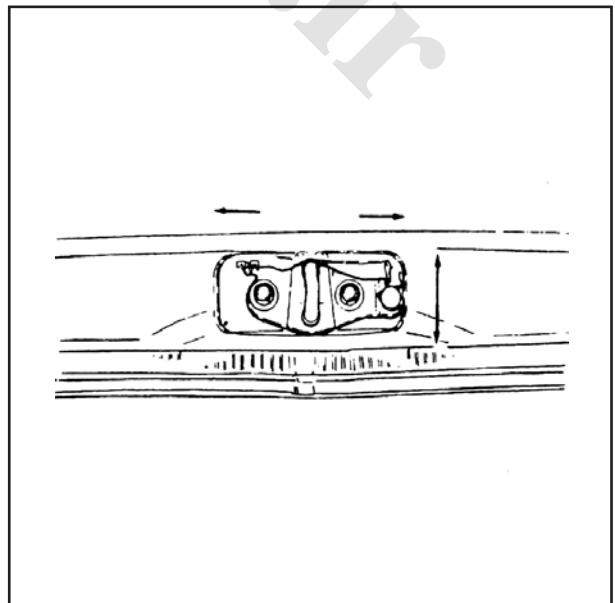
##### ADJUSTMENT

##### Rear Hatch Striker

1. Loosen the two mounting bolts.
2. Slide the rear hatch striker horizontally.

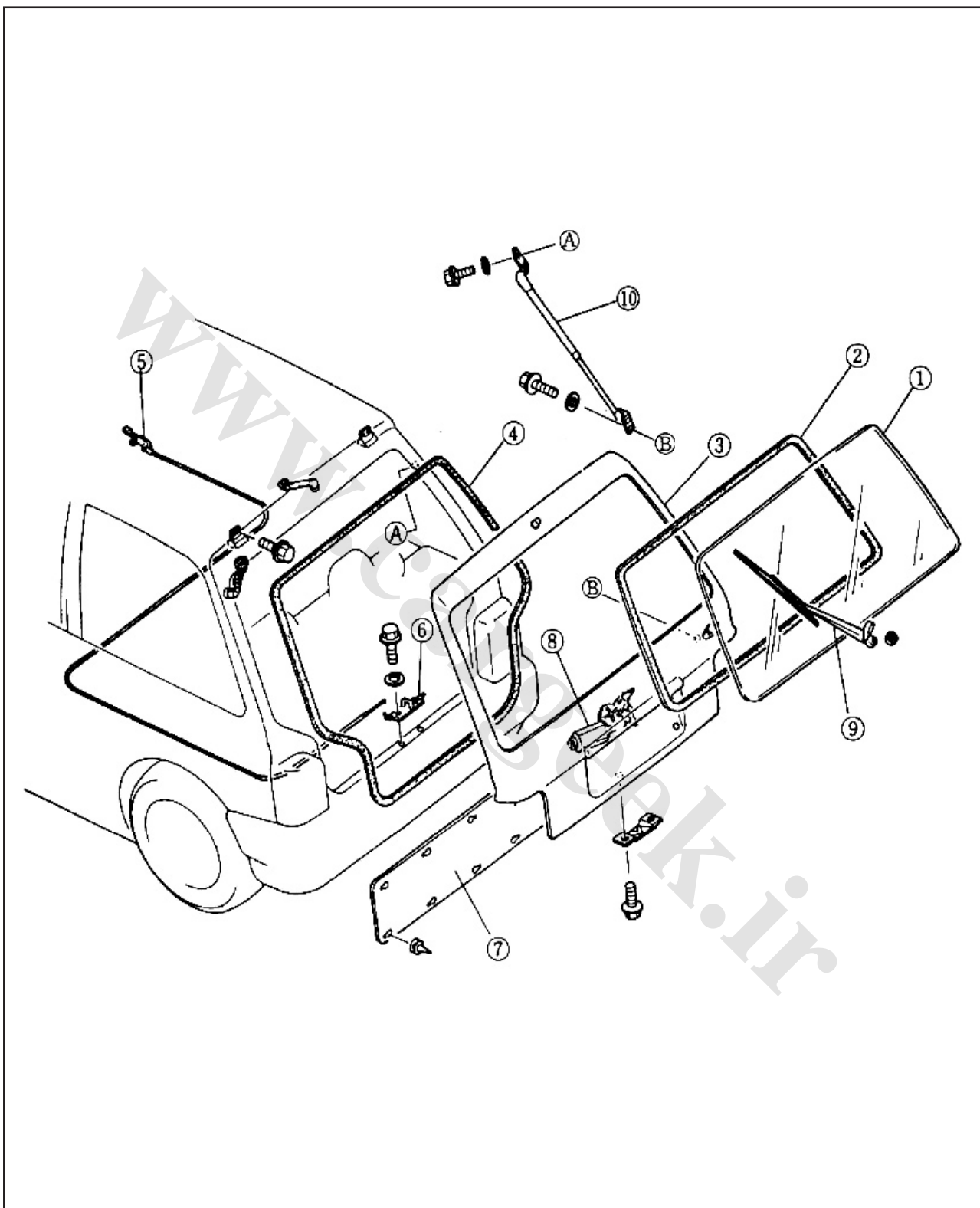
Tightening torque:

8~12 N . m (80~120 cm-kg, 69~104 in-lb)



## REMOVAL AND INSTALLATION

Structural View



1. Rear window glass

2. Rear window weatherstrip

3. Rear hatch

4. Rear hatch weatherstrip

5. Opener

6. Striker

7. Trim

8. Rear wiper motor

9. Rear wiper arm and blade

10. Stay damper



Tightening torque:

Stay damper bracket: 8~12 N . m (80~120 cm-k<sub>g</sub>, 69~104 in-lb)

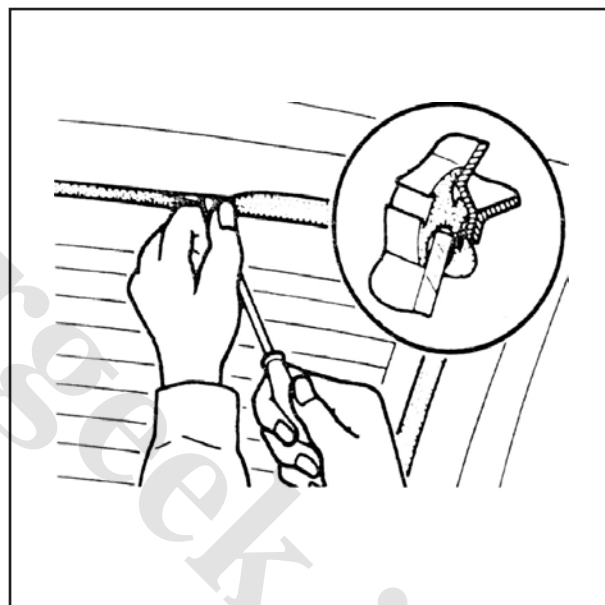
door hinge: 16~23 N . m (1 .6~2.3 m-k<sub>g</sub>, 12~17 ft-lb)

#### Removal

##### Rear hatch glass

Use window tool set to remove and install the glass.

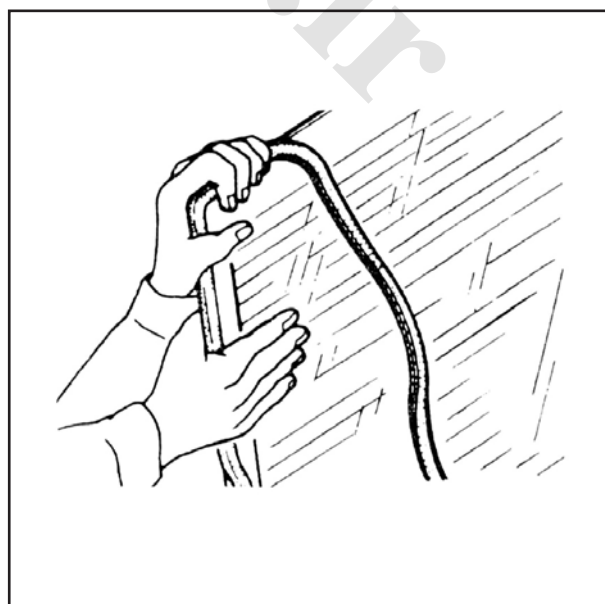
1. Disconnect the defroster connector, remove the rear pillar trim, wiper motor and rear package tray.
2. From inside the vehicle, lift the weatherstrip toward the interior, and remove the glass with the weatherstrip attached.
3. Remove the moulding.



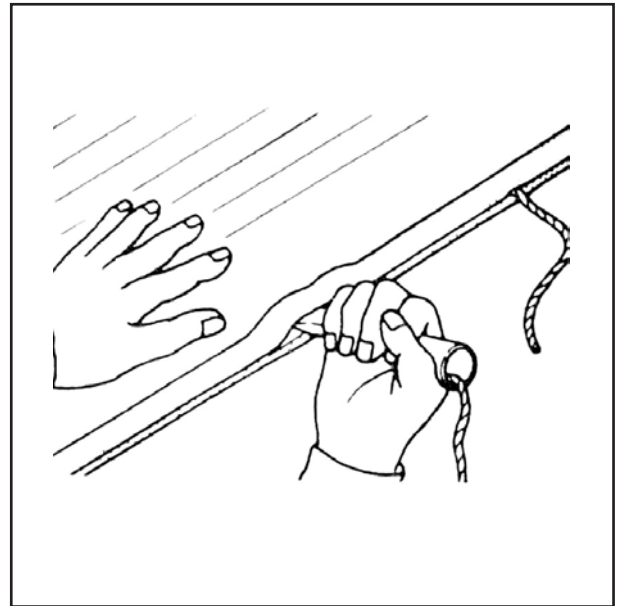
#### Installation

##### Rear hatch glass

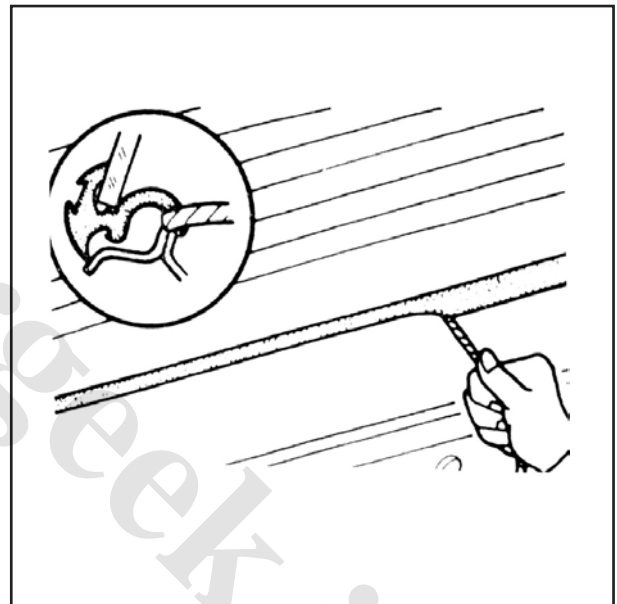
1. Remove any filler remaining on the body surface.
2. Attach the weatherstrip to the glass.



3. Fit string into the weatherstrip on the interior side of the glass, and overlap it about 50 mm (2.0 in) at the bottom center
4. Coat the weatherstrip with soapy water so that the weatherstrip will slide easily into the window frame.
5. Align the glass and weatherstrip to the body.

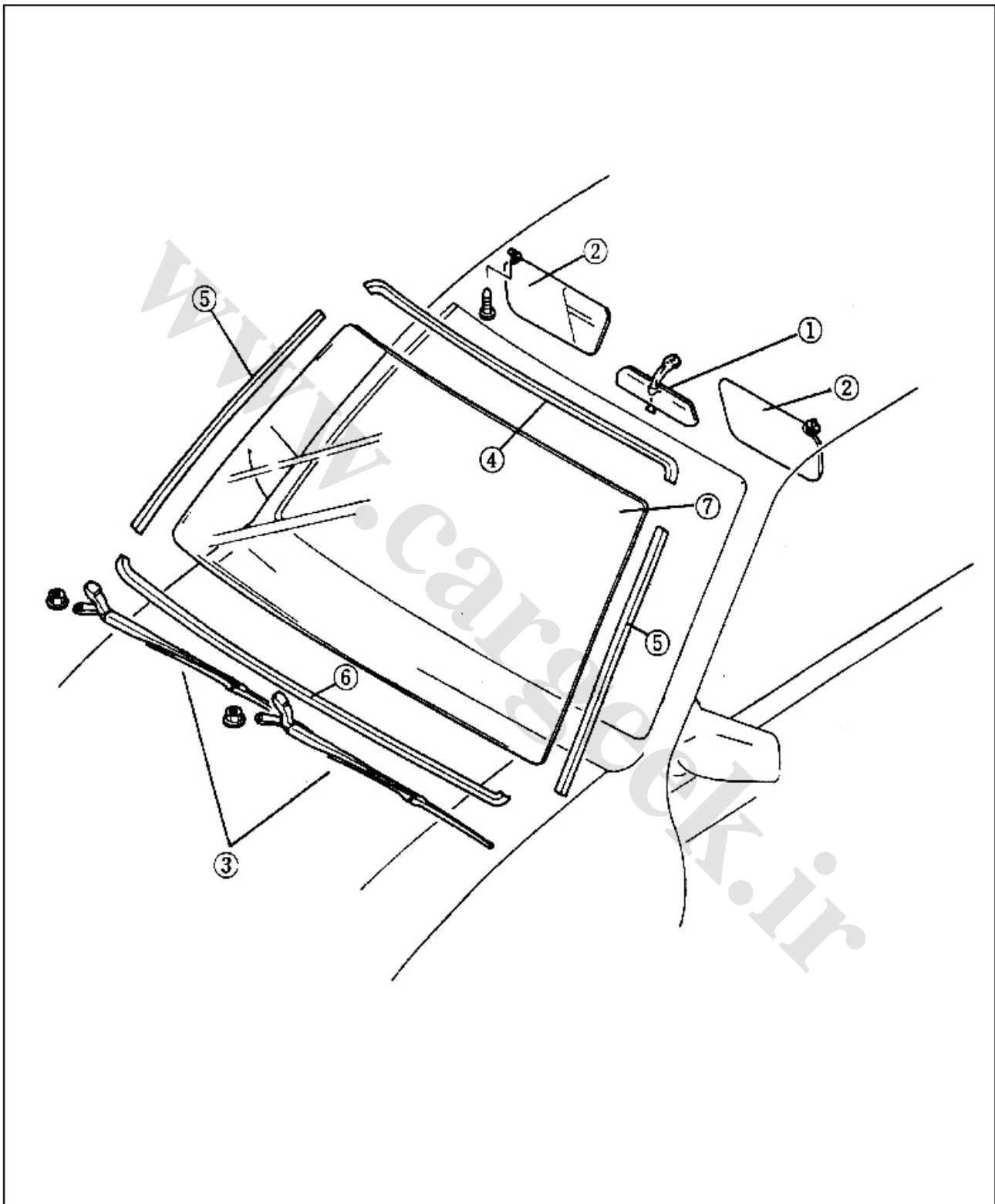


6. While gently tapping around the weatherstrip at the outer side of the glass, pull one end of the string and fit the glass to the body.
7. Tap the glass from inside and outside simultaneously with the palm of a hand to seat the glass.



8. Put filler TP-33M (or equivalent) sealant between the body and glass and the weatherstrip.

FRONT WINDOW GLASS  
REMOVAL AND INSTALLATION  
Structural View



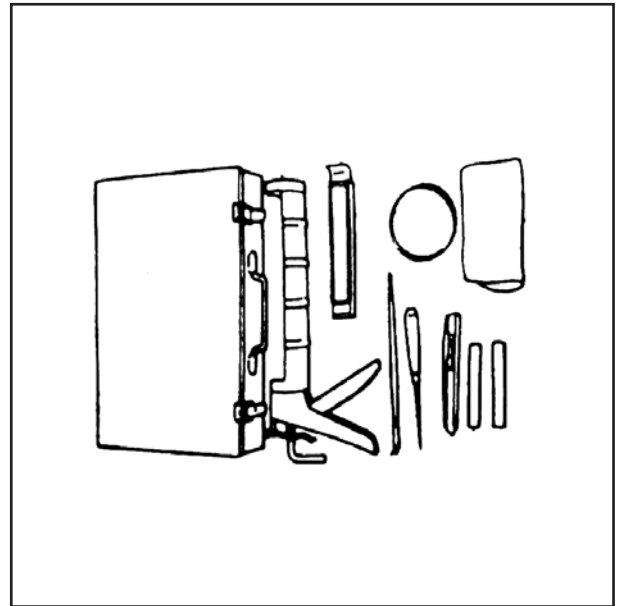
- 1. Rearview mirror
- 2. Sunvisor
- 3. Wiper arm and blade
- 4. Front upper moulding

- 5. Front side moulding
- 6. Front lower moulding
- 7. Front window glass

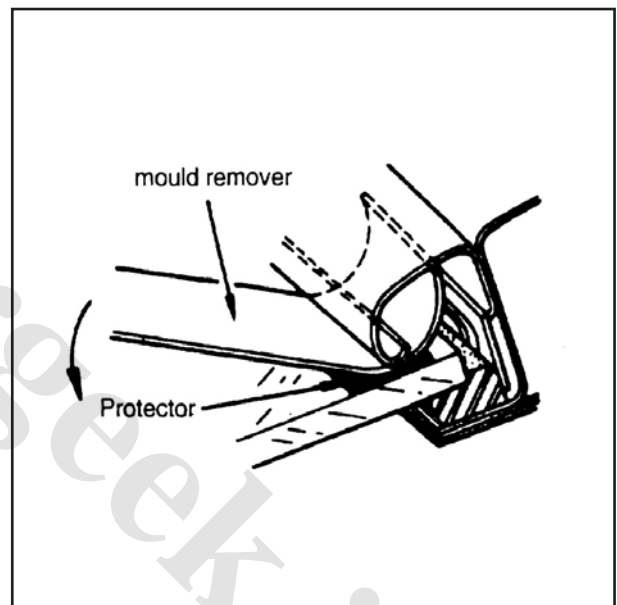


### Removal

Use the window tool set (49 0305 870A) to remove and install the glass.

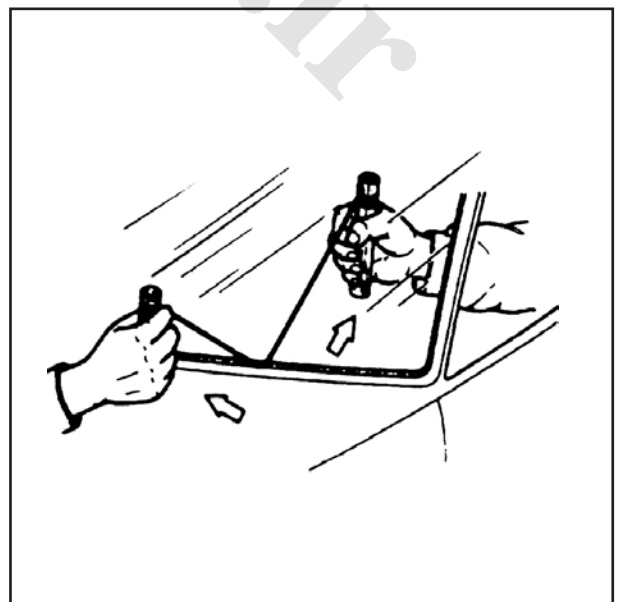


1. Remove the interior mirror, trim, and front top garnish.
2. Remove the wiper arms and
3. Remove the front window moulding remover



4. Remove the glass by separating the glass from the sealant using a commercial remover tool, or use the following procedure.

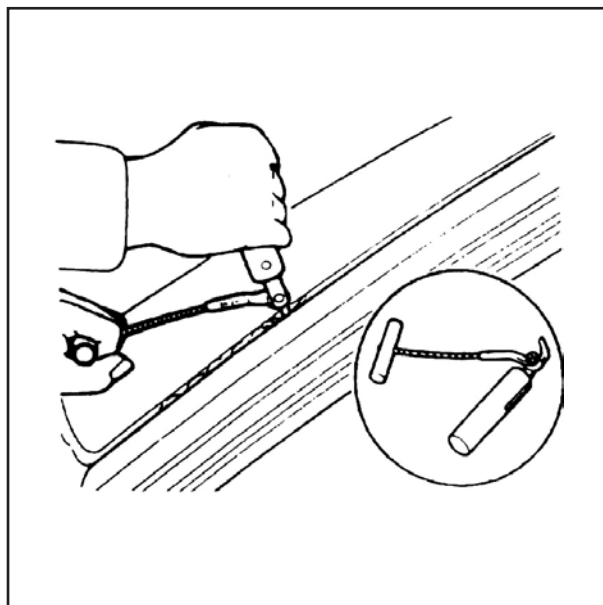
- a) Use an awl to make a hole in the sealant. Pass the end of a piece of piano wire (about 40 cm, 15.7 in) through the hole, and attach bars to both ends.
- b) Two people should hold the bars, one inside and one outside the vehicle, and then "saw" the sealant from around the glass.
- c) Remove the glass from the body.





**Caution**

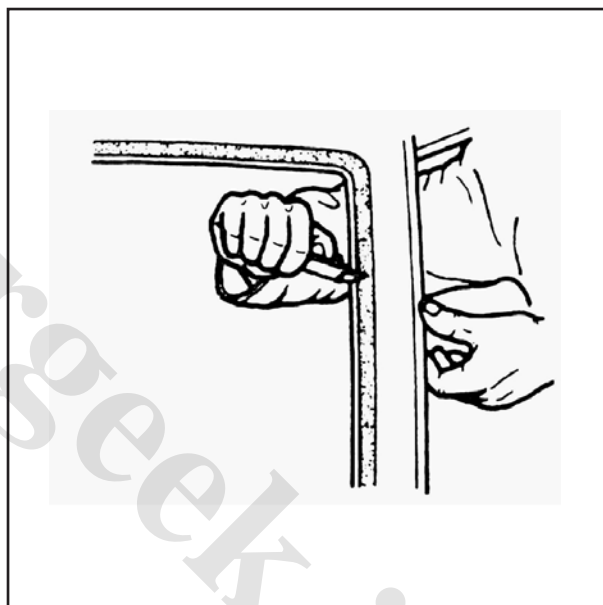
- a) Cut along the border between the glass and the sealant.
- b) If too much heat develops, the piano wire may break, so cool it occasionally or don't work on one place too long.
- c) If the glass is not to be reused, a tool like that shown in the figure is faster than piano wire.

**Installation**

1. Use a knife to trim smooth the sealant on the body. Leave a layer about 1 or 2 mm (0.04 to 0.08 in) thick.

**Caution**

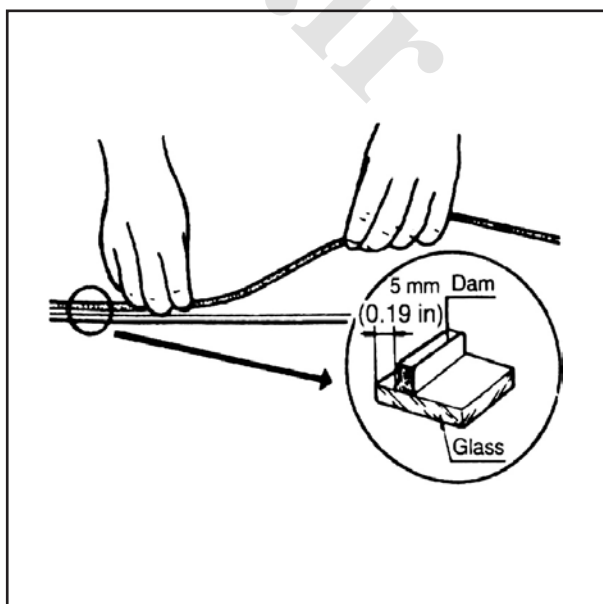
If some sealant flakes off, use new sealant to patch it.



2. Carefully clean and remove any grease from a 5cm (1.97 in) wide area around the circumference of the glass and the remaining bond on the body.
3. Bond a dam along the circumference of the glass 5 mm (0.19 in) from the edge.

**Caution**

Securely bond the dam and let it dry.

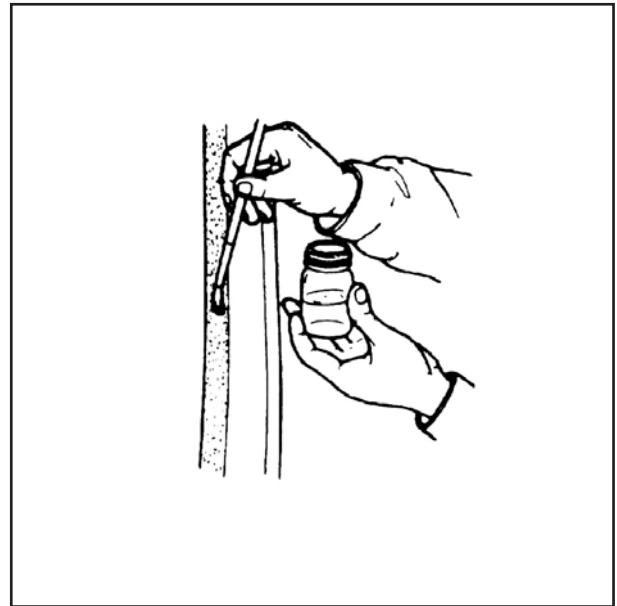




4. Apply primer with a brush to the circumferences of the glass and the body, and allow it to dry naturally for 20 to 30 minutes.

**Caution**

Be sure not to allow dirt, oil etc. contact with the coated surfaces touch it with a hand.

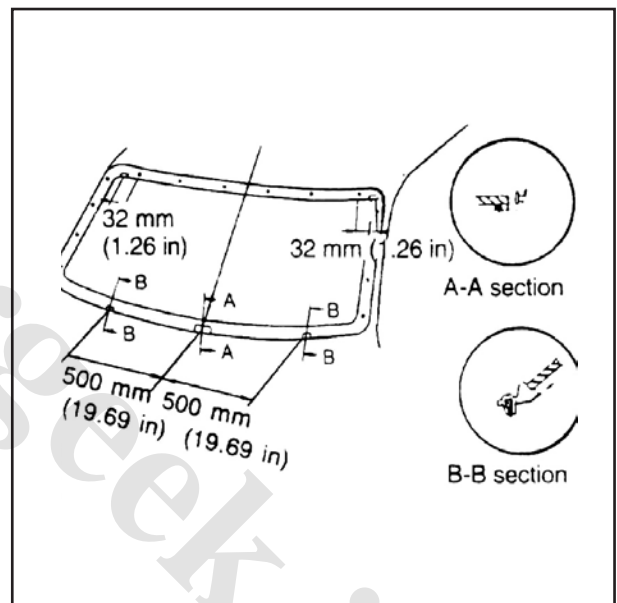


5. Install the spacers at the positions shown in the figure.

6. Install the mould clips.

**Caution**

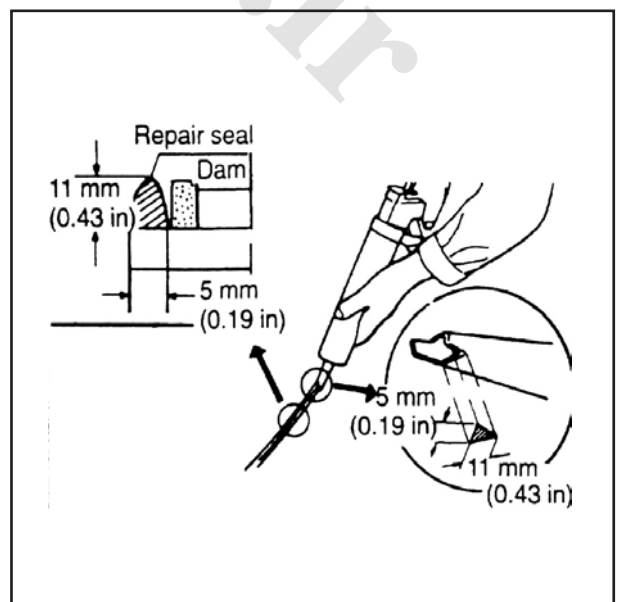
Clips with flaws must be replaced.



7. When the primer has dried, apply an 11 mm (0.43 in) thick bead of repair seal (6001 77 739) 5 mm (0.19 in) from the edge of the glass using a sealant gun.

**Caution**

- Cut the nozzle of the repair seal cartridge as illustrated in the figure.
- If necessary, smooth the repair seal to correct any irregularities.



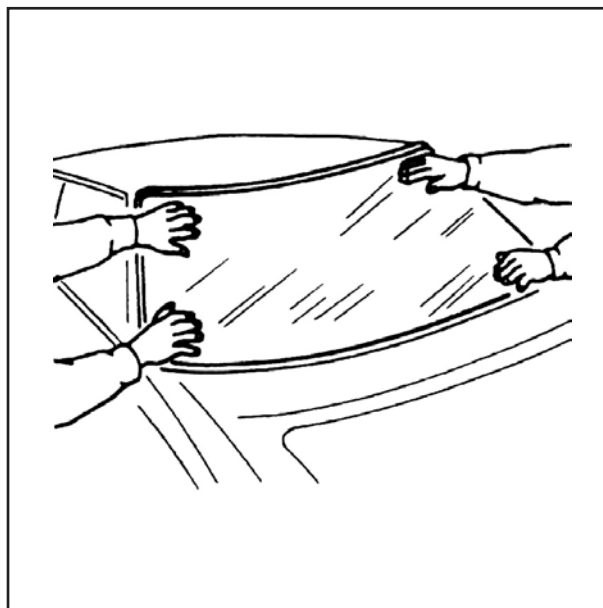
8. Attach the front window glass to the body.

Caution

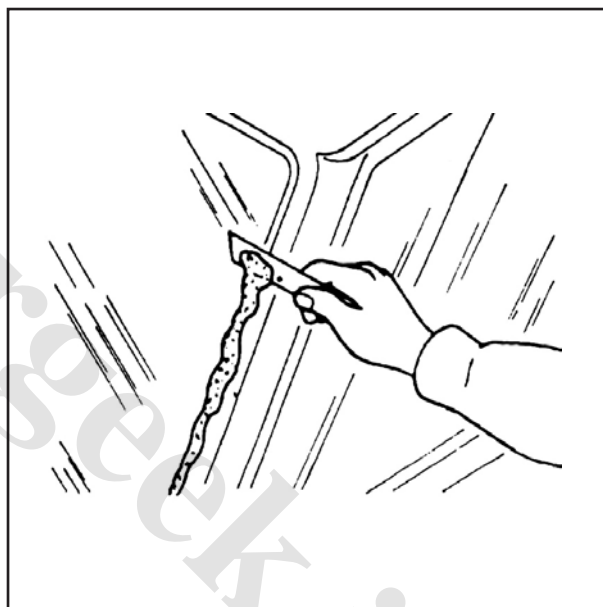
Keep the door glass open until the repair seal hardens to some degree to prevent pressure from being exerted on the front glass if the door is closed quickly.

Hardening time of repair seal

Temperature	Surface hardening time	Time required until car can be put in service
5 ° C (41 ° F)	Approx. 1.5 hrs	12 hrs
20 ° C (68 ° F)	Approx. 1 hr	4 hrs
35 ° C (95 ° F)	Approx. 10 min	2 hrs

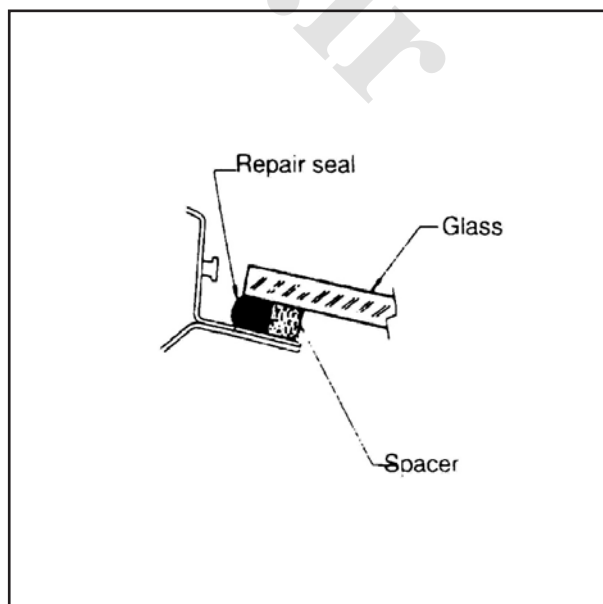


9. Remove excess or add repair seal where necessary



10. Check for water leaks. If a leak is found, wipe the water off well and add repair seal (B001 77 739)

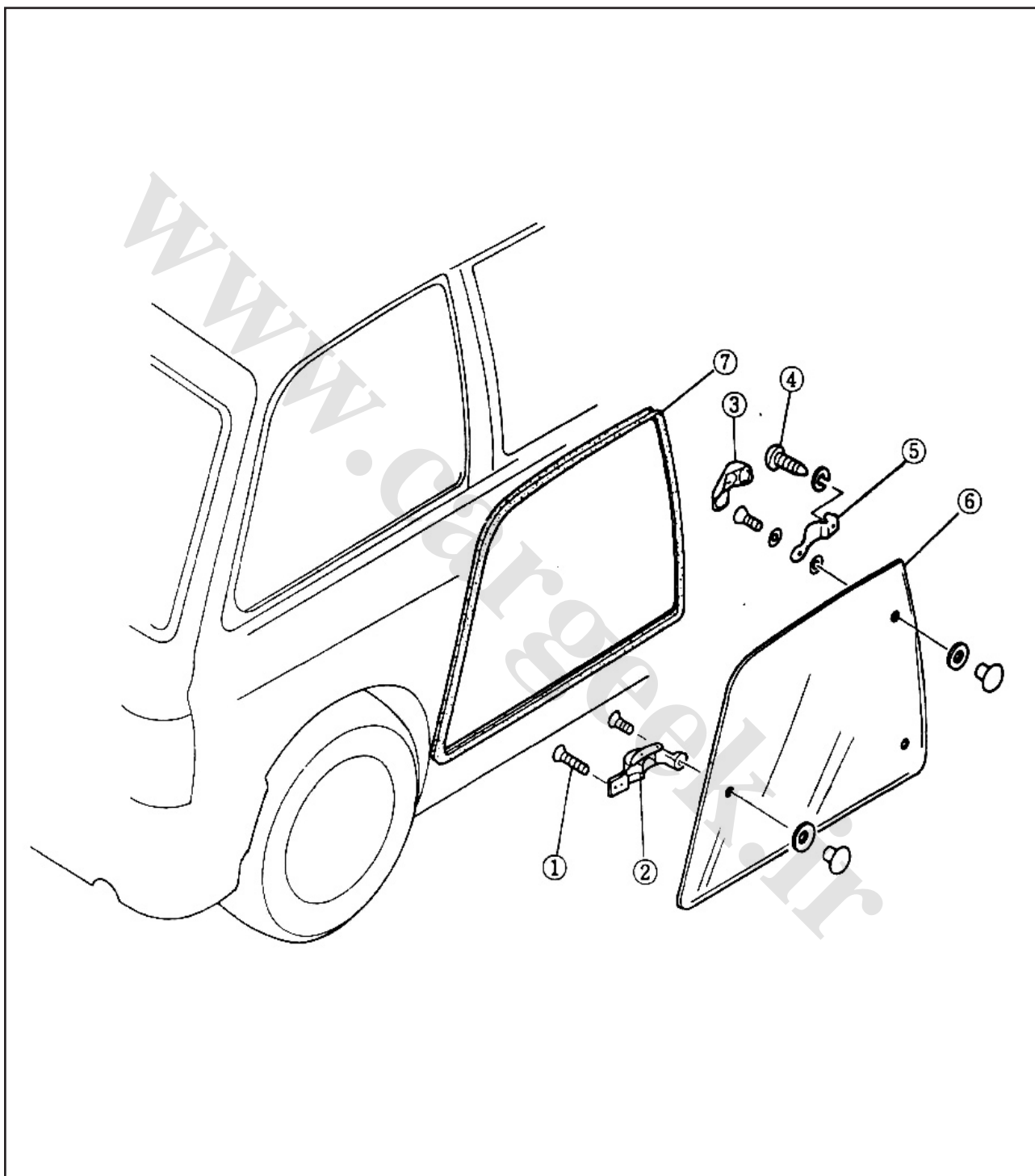
11. After checking for water leakage, reassemble in the reverse order of disassembly.



# QUARTER WINDOW GLASS (FOR 3 DOOR MODEL)

## REMOVAL AND INSTALLATION

1. Remove the parts in the sequence shown in the figure.
2. Install in the reverse order of removal.



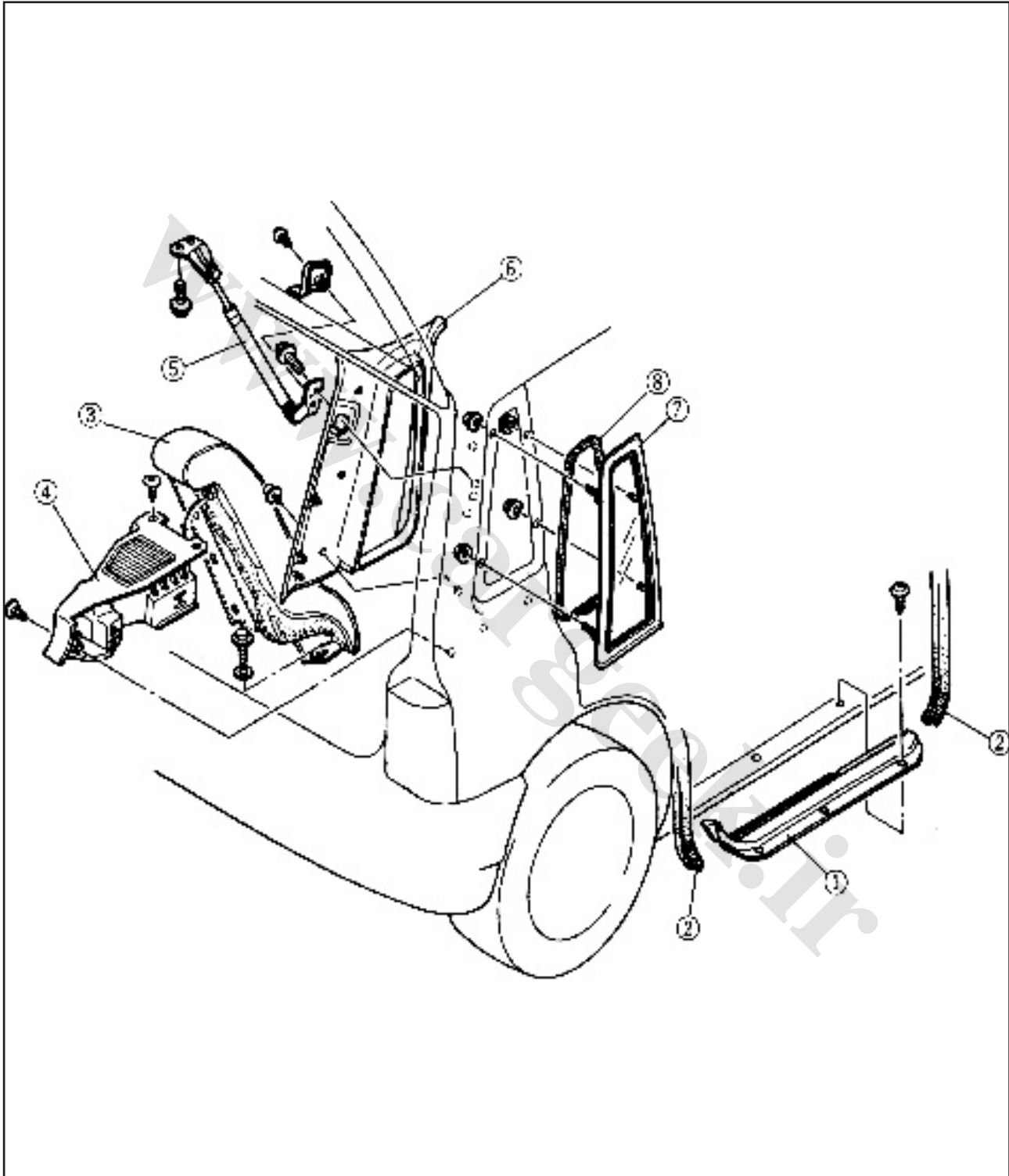
1. Screw
2. Lock
3. Hinge cover
4. Screw

5. Hinge
6. Quarter window glass
7. Weatherstrip



SIDE GLASS  
(FOR 5 DOOR MODEL)

STRUCTURAL VIEW



- 1. Scuff plate
- 2. Sealing welt
- 3. Rearback side seat
- 4. Side shelf

- 5. Stay damper
- 6. Pillar trim
- 7. Side glass Assy
- 8. Seal rubber

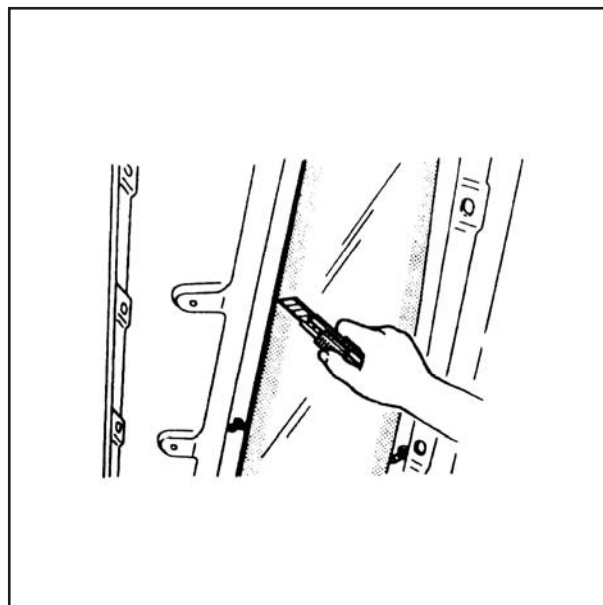


#### Removal

1. Remove side glass assembly nuts.
2. Remove seal rubber from inside of vehicle by using cuffing knife.

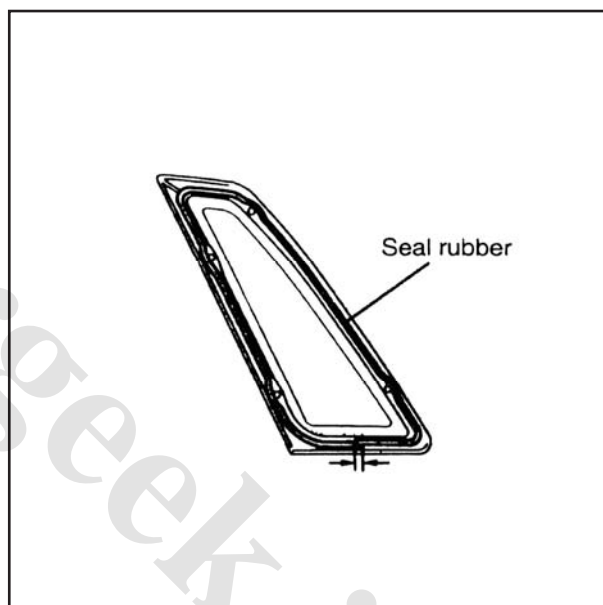
#### Note

Do not scratch the glass



#### Installation

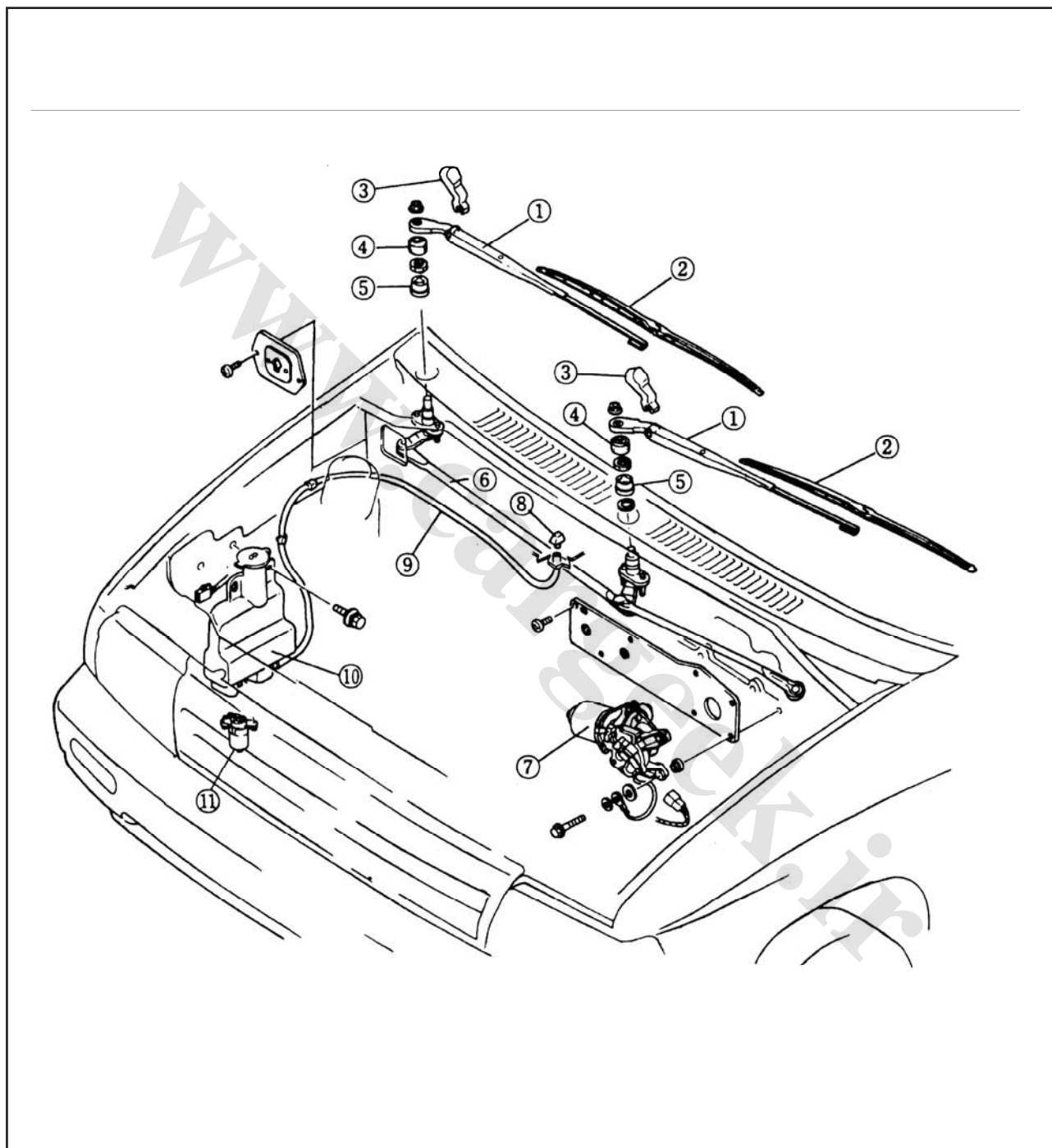
1. Remove oil dirt, etc by cleaning of side glass assembly seal rubber side
2. As shown in the figure, attach seal rubber to moulding.
3. After installing side glass assembly to bod fasten the bolt to side glass assembly
4. Check for any leakage of water, if leakage is found, do the procedure above again.



## WINDSHIELD WIPER

## REMOVAL AND INSTALLATION

1. Disconnect the negative battery cable.
2. Remove in the sequence shown in the figure refer to the removal note.
3. Install in the reverse order of removal.



1. Wiper
2. Wiper blade
3. Wiper arm cover
4. Seal cap
5. Spacer
6. Link assembly

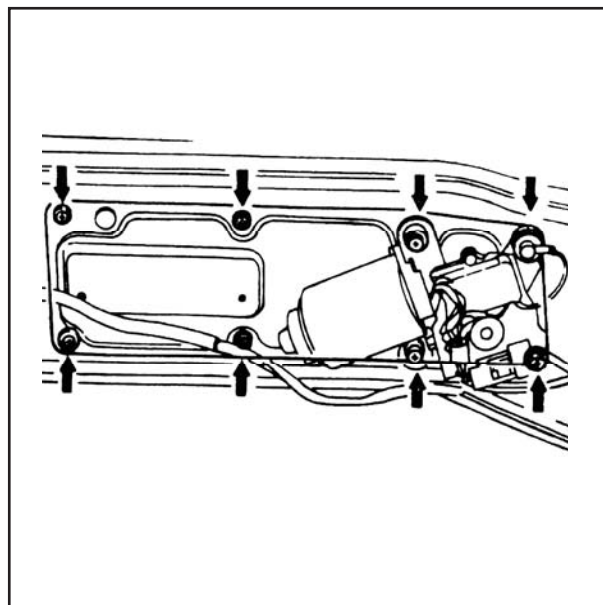
7. Wiper motor
8. Washer nozzle
9. Washer pipe
10. Washer tank
11. Washer motor



## Removal Note

## Wiper motor

1. Remove the screws and fastener.
2. Remove the wiper motor installation bolts.

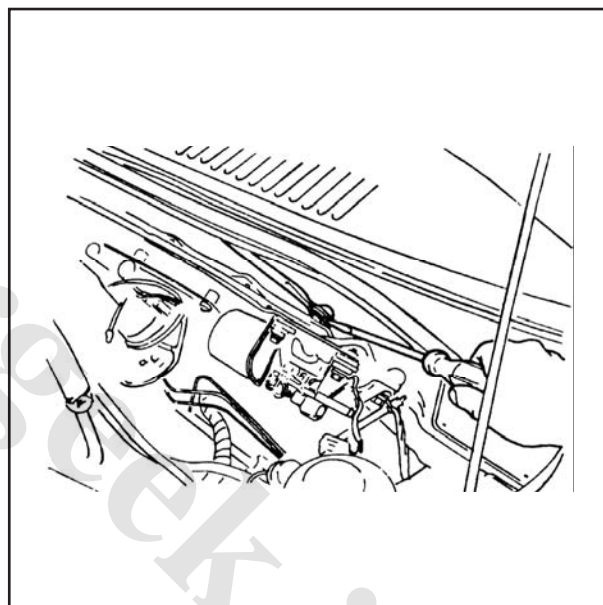


3. Disconnect the wiper motor connector.
4. To remove the wiper motor, insert a large standard screwdriver between the linkage and crank arm and pry the linkage to separate it from the crank arm.

## Note

Do not remove the motor and crank arm unless necessary because the automatic stop angle is fixed.

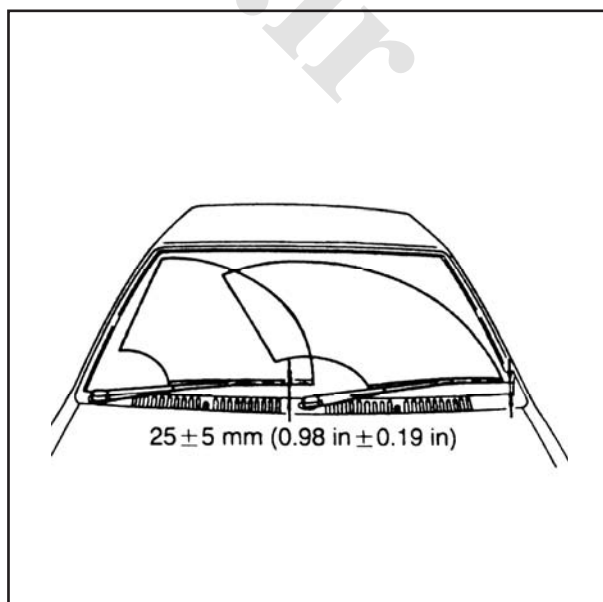
5. Install in the reverse order of removal.



## Adjustment

## Arm height

Adjust the arm height as shown in the figure.

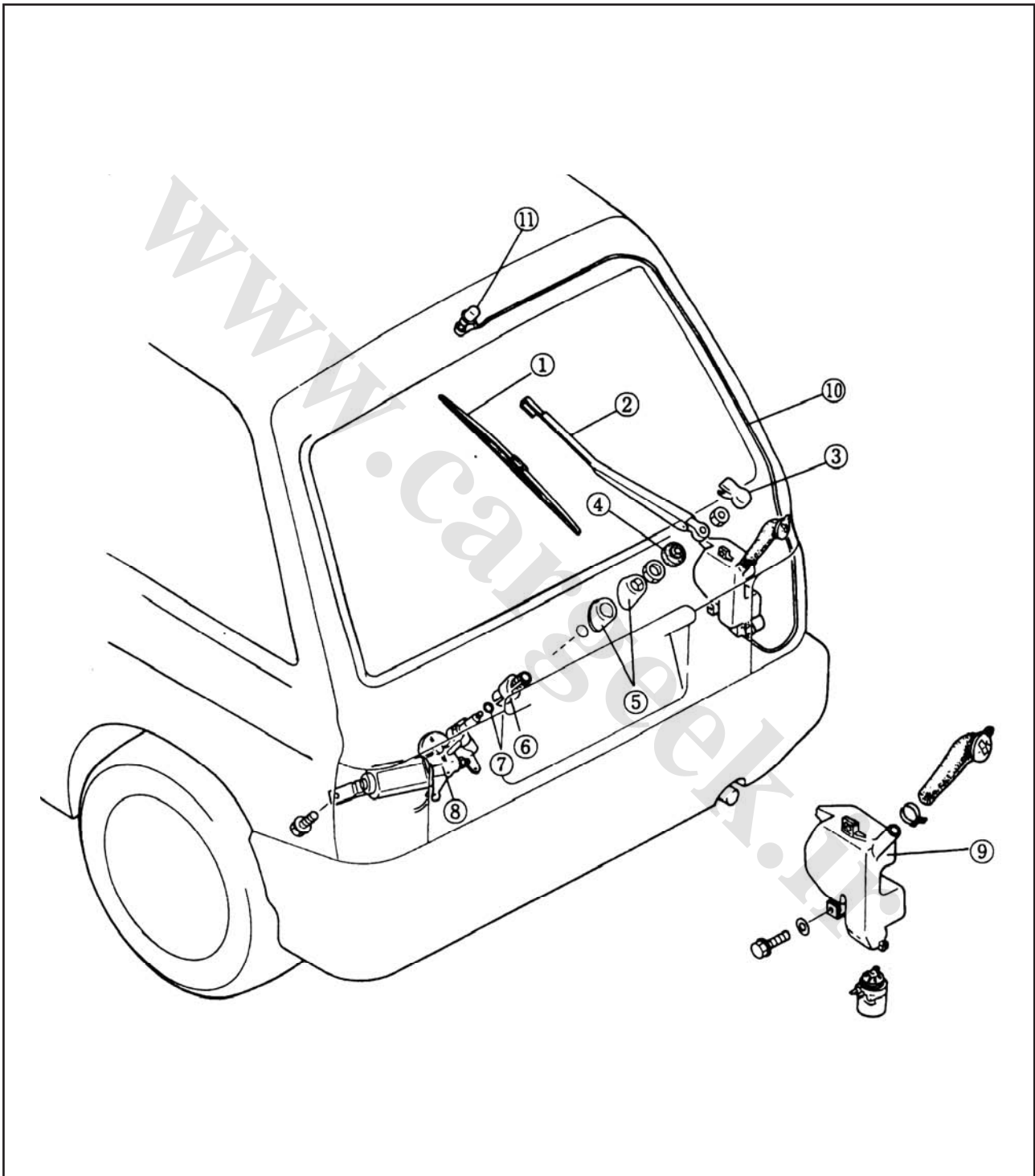




## REAR WINDOW WIPER

### REMOVAL AND INSTALLATION

1. Disconnect the negative battery cable.
2. Remove the parts in the sequence shown in the figure.
3. Install in the reverse order of removal.



1. Wiper blade
2. Wiper arm
3. Wiper arm cover
4. Seal cap

5. Outer bushing
6. Inner bushing
7. "o" ring
8. Wiper motor

9. Washer tank
10. Washer pipe
11. Washernozzle

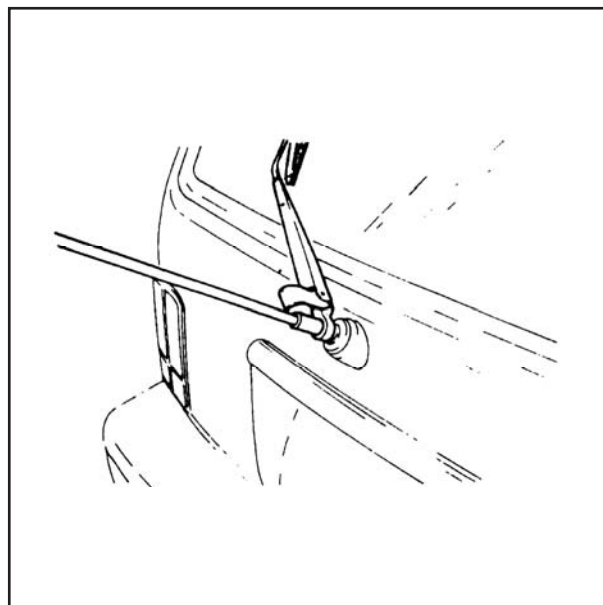




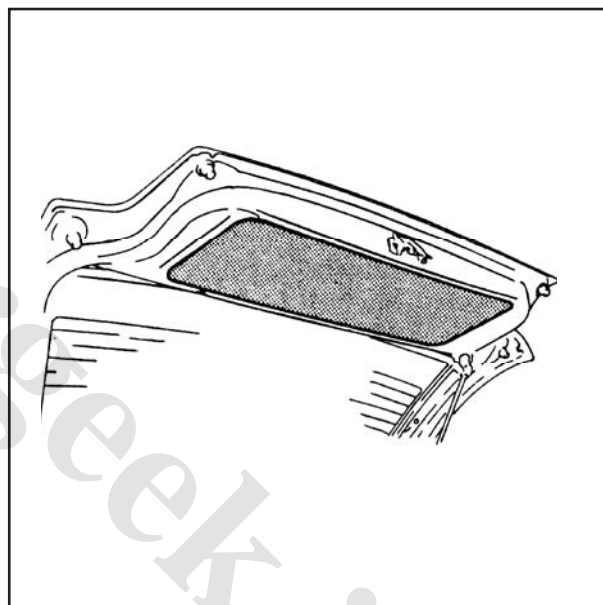
### Removal and Installation

#### Rear wiper motor

1. Remove the wiper arm cover.
2. Remove the nut and remove the wiper arm.
3. Remove the seal cap.



4. Remove the rear hatch trim fasteners using a protected standard screwdriver and then remove the rear hatch trim.



5. Remove the rear wiper motor connector.
6. Remove the rear wiper motor installation bolts and then remove the rear wiper motor.
7. Install in the reverse order of removal.

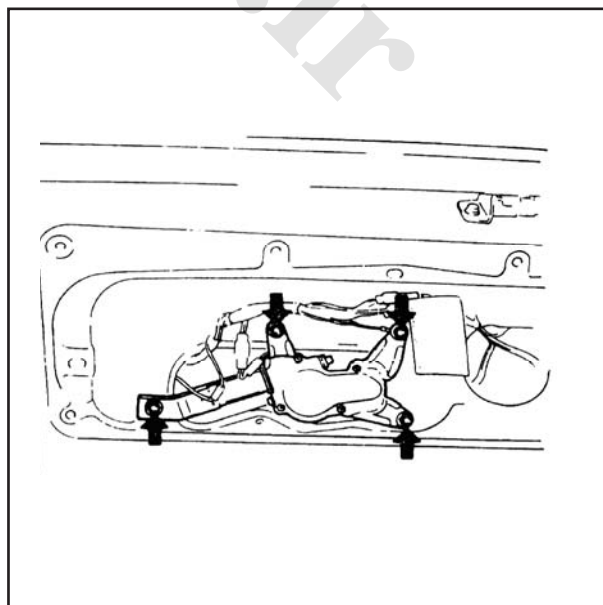
#### Tightening torque

Outer bushing: 2.9~4.9 N . m

(0.3~0.5 m·kg, 2.2~3.6 ft·lb)

Wiper motor installation bolt: 7.9~11 N . m

(0.8~1.1 m·kg, 5.8~8.0 ft·lb)

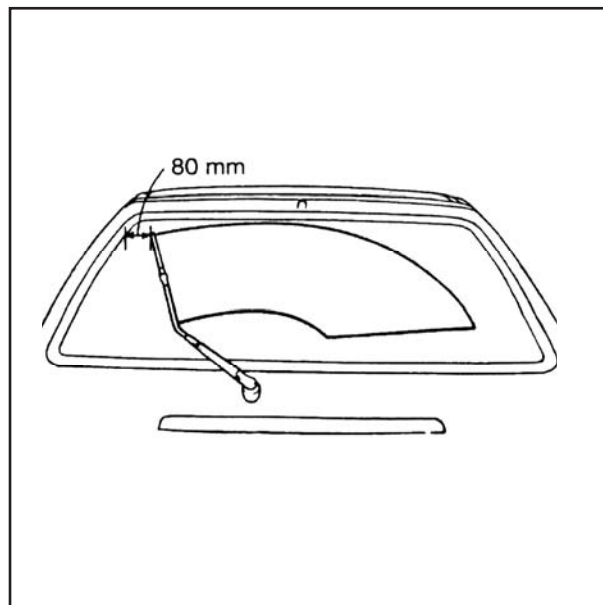


**Arm height**

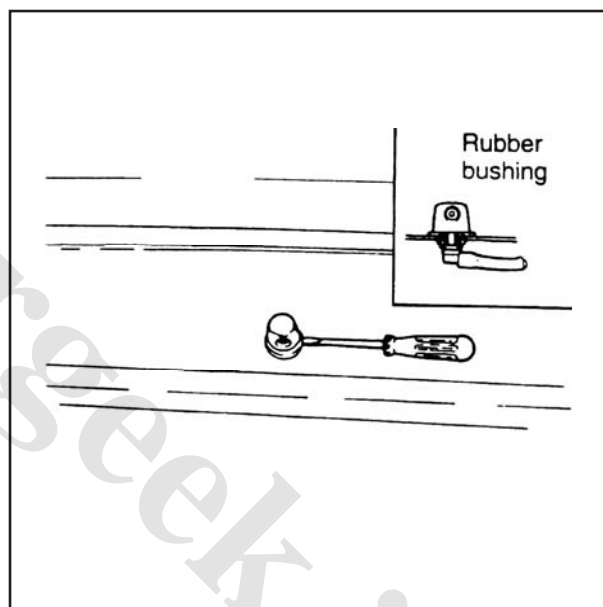
Adjust the height as shown in the figure.

**Tightening torque**

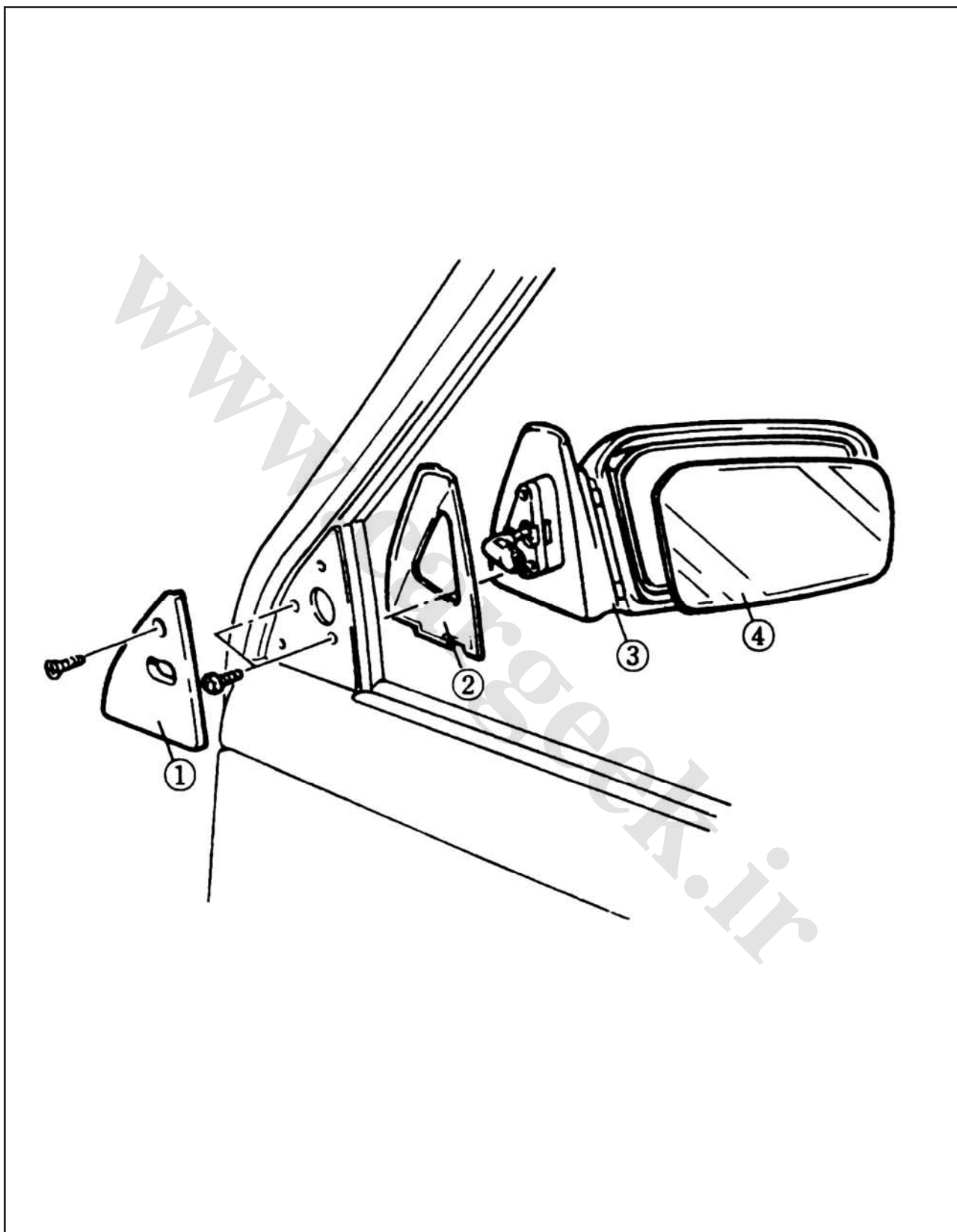
Wiper arm installation nut: 5.9~9.8 N . m  
(0.6~1.0 m·kg, 4.3~7.2 ft·lb)

**Washer nozzle**

Push the stopper in by inserting a thin standard screwdriver between the rubber bushing and the - body Pull out the washer nozzle.



MIRROR  
STRUCTURAL VIEW



1. Inner garnish  
2. Seal packing .

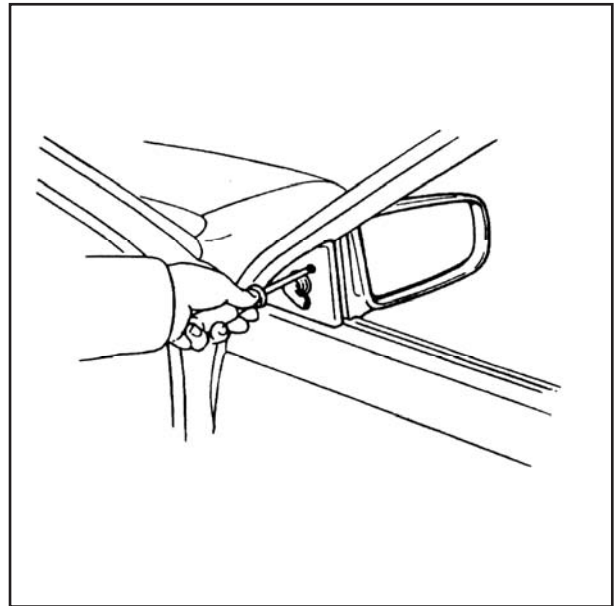
3. Mirror  
4. Mirror glass



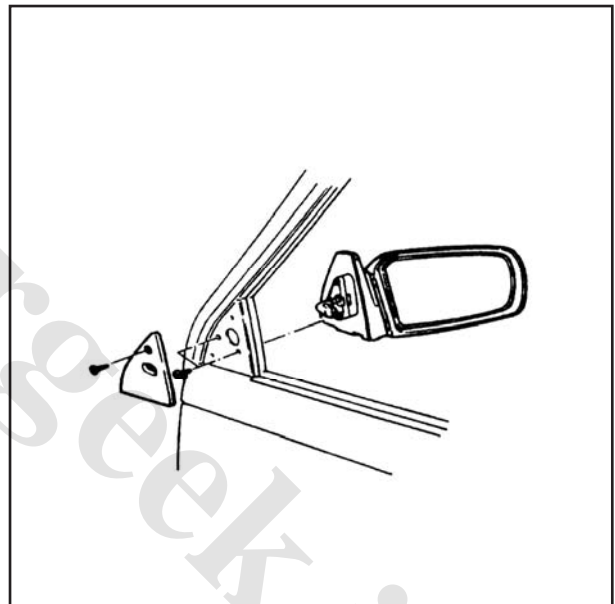
**Removal and installation**

Installation in the reverse order of removal

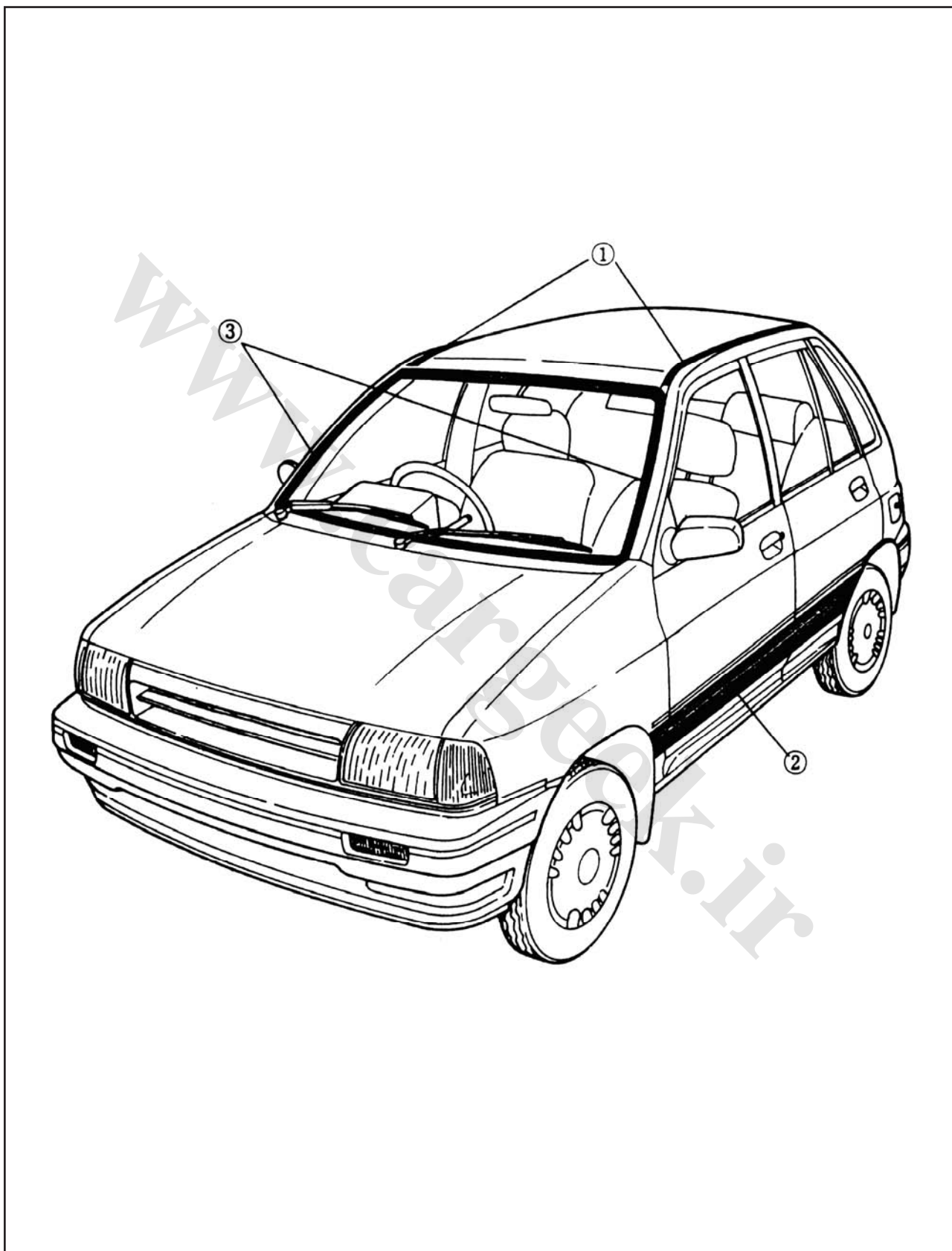
1. Remove the screw attached to the inner garnish
2. Remove the inner garnish



3. Remove the screw shown in the figure.
4. Remove the mirror using screw driver.



MOULDING  
STRUCTURAL VIEW



1. Roof moulding

2. Side protector moulding

3. Front window moulding



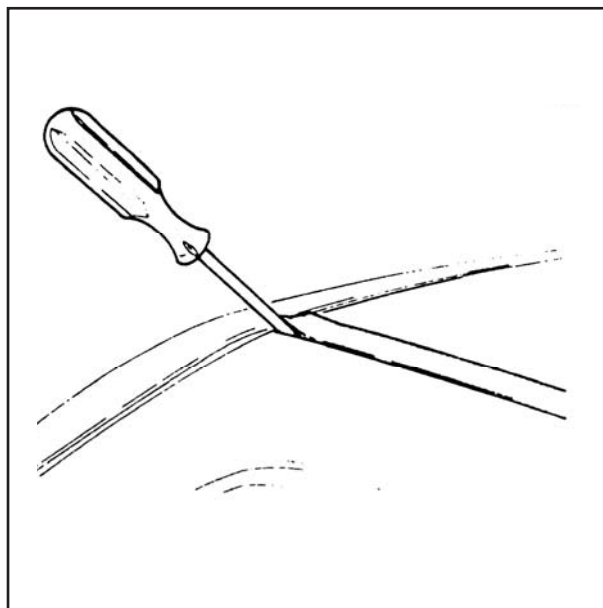
## ROOF MOULDING

### Removal and Installation

1. Pry up the moulding using a protected standard screwdriver, cut away adhesive from the moulding with a knife.
2. Install new moulding after applying urethane to the installation surface.

### Note

- a) Do not reuse the moulding after it has been removed.
- b) Apply urethane to the installation surface to reduce the gap between the moulding and the body.



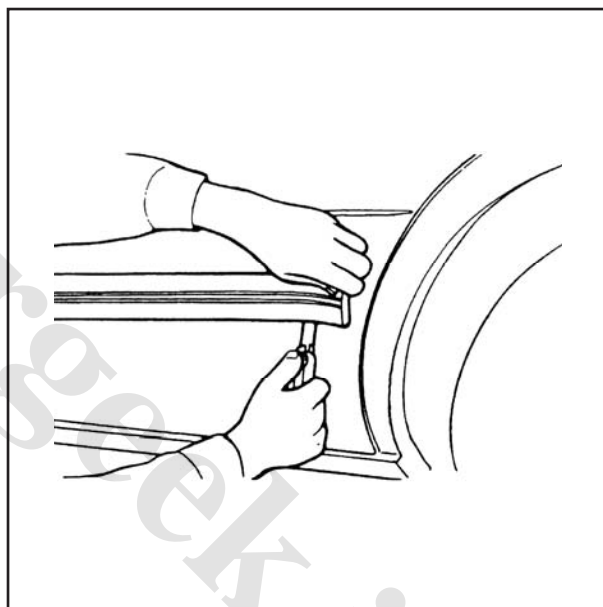
## SIDE PROTECTOR MOULDING

### Removal

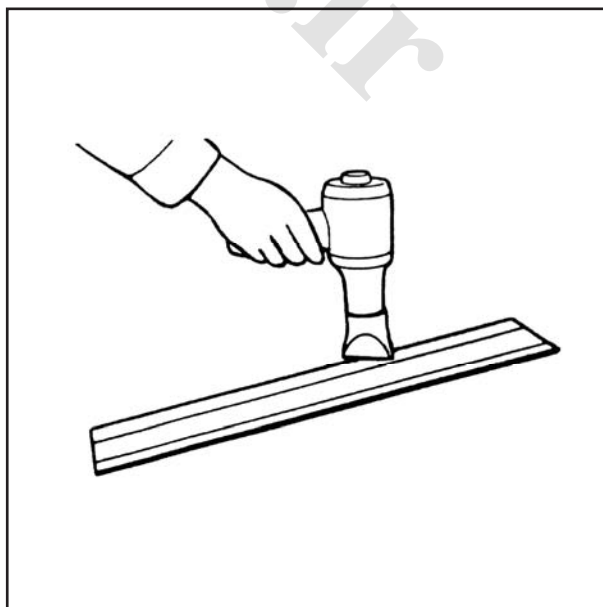
1. Being careful not to scratch the painted surface, use a knife to cut the adhesive from the moulding.
2. Remove any adhesive remaining on the body or the moulding.

### Caution

Remove as much adhesive as possible without damaging the surface.

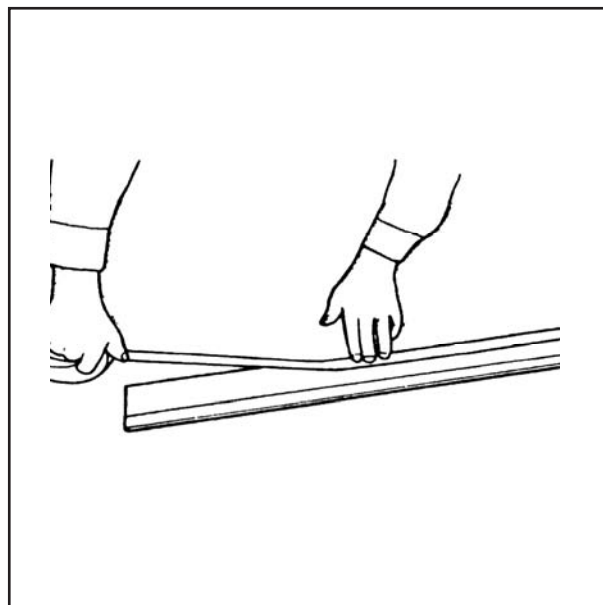


3. If the adhesive is hard to remove, use a blow dryer to soften it.



#### Installation

1. Remove any grease from the body and moulding surfaces.
2. Use masking tape to mark the location of installation on the body.
3. Attach double-adhesive moulding tape to the moulding.
4. Put urethane adhesives on the moulding.



5. Align the moulding to the body, and attach it securely.

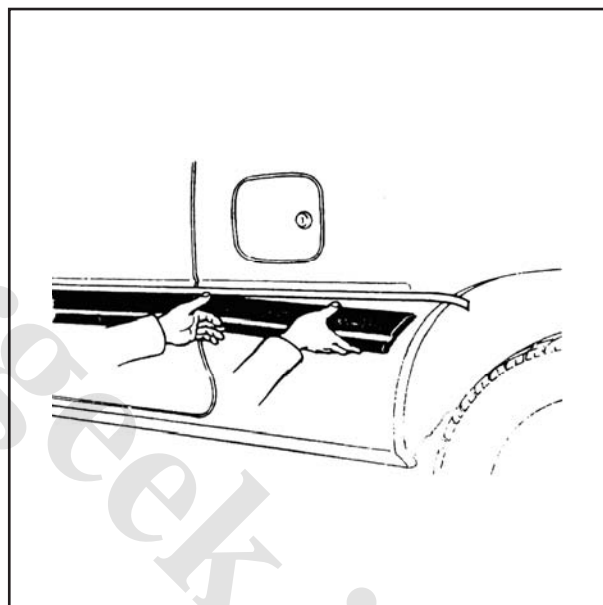
#### Note

The adhesion strength is decreased below 200 C (68° F), so it is best to warm the body surface before installing if necessary.

#### FRONT WINDOW MOULDING

Removal and Installation

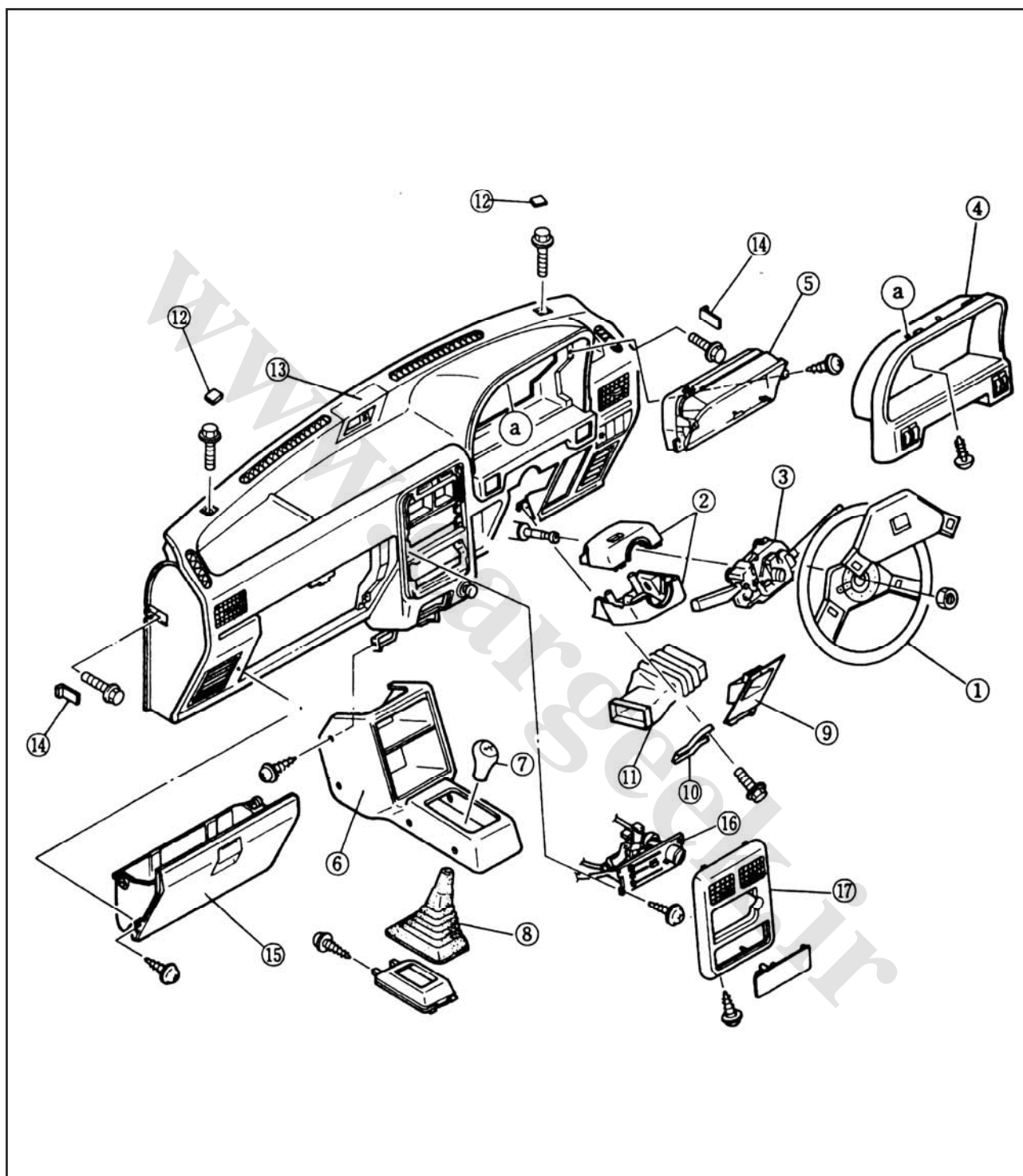
Refer to the page 14-26.





## INSTRUMENT PANEL

## STRUCTURAL VIEW



1. Steering wheel
2. Column cover
3. Combination switch
4. Meter hood
5. Meter assembly
6. Front console

7. Shift lever knob
8. Shift lever boot
9. Fuse box panel
10. Center frame
11. Duct
12. Hole cover

13. Clock bezel
14. Side hole cover
15. Glove box
16. Heater control panel
17. Center panel

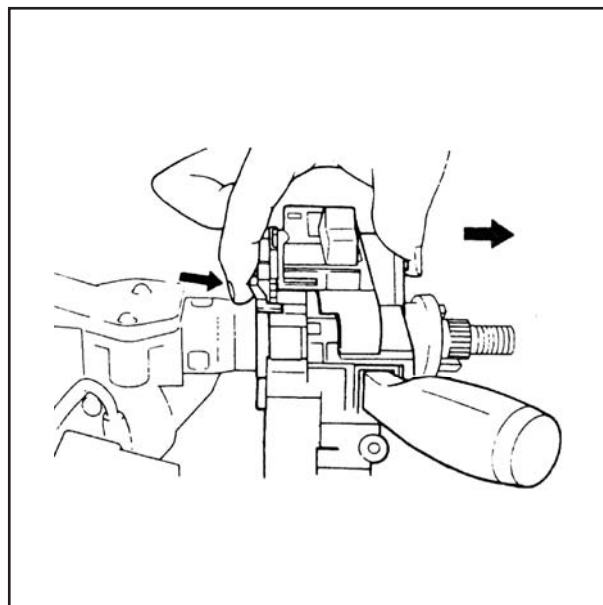




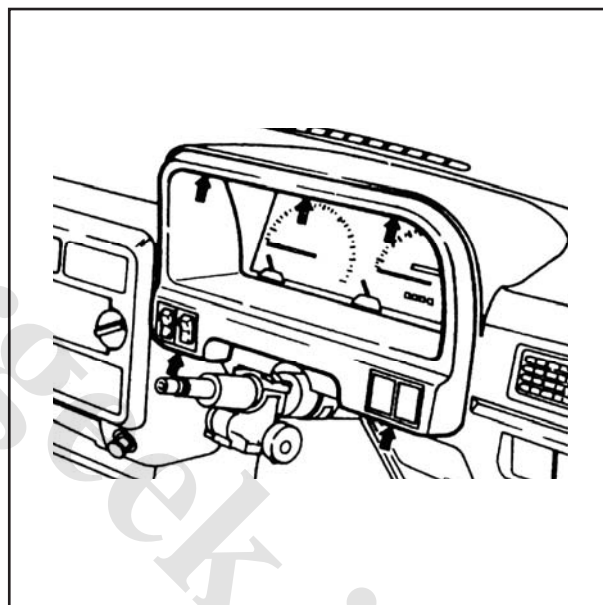
## REMOVAL AND INSTALLATION

## Removal

1. Disconnect the negative battery cable.
2. Remove the steering wheel.
3. Remove the column cover.
4. Remove the combination switch assembly.



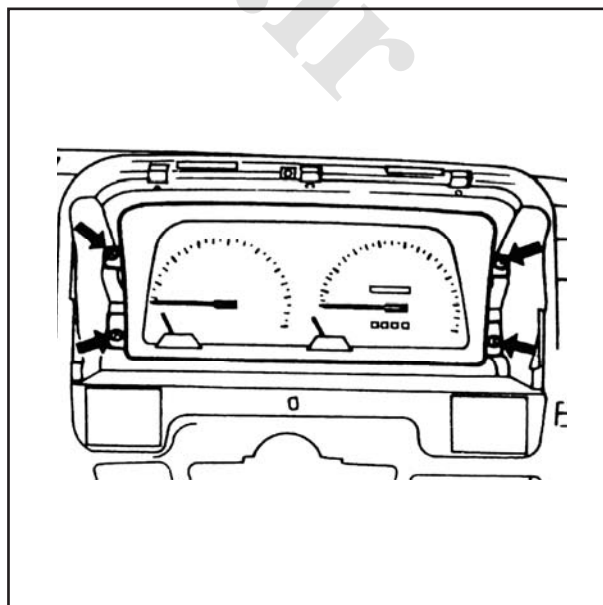
5. Remove the meter hood attaching screws and disconnect the switch connectors.
6. Remove the meter hood.



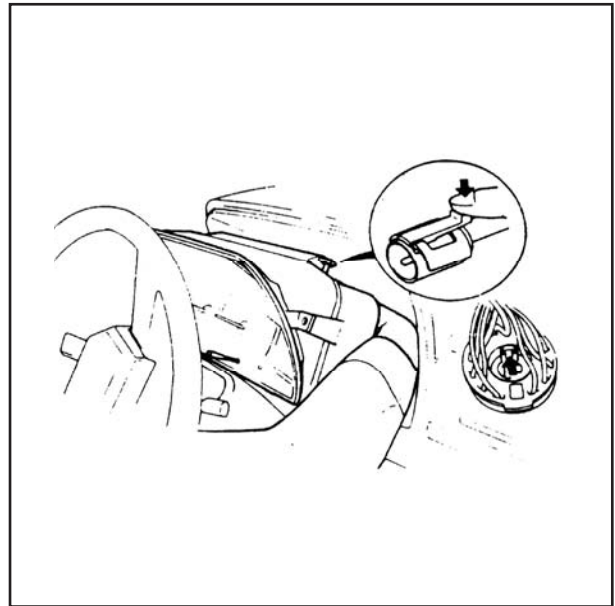
7. Remove the meter assembly attaching screws.

## Note

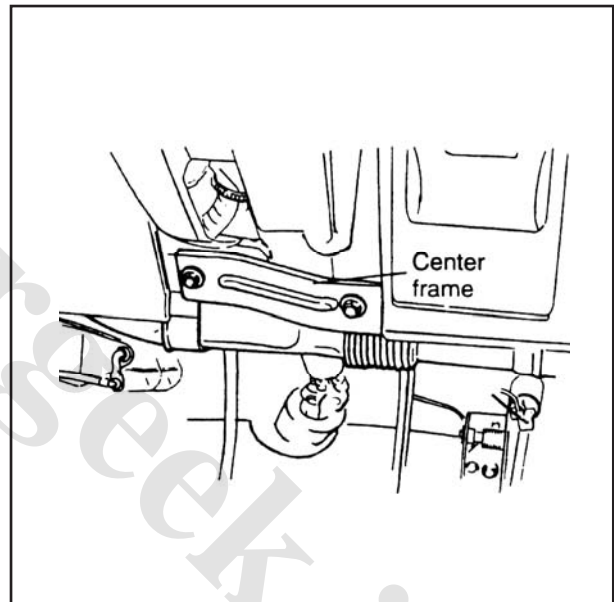
Disconnect the speedometer cable at the transmission.



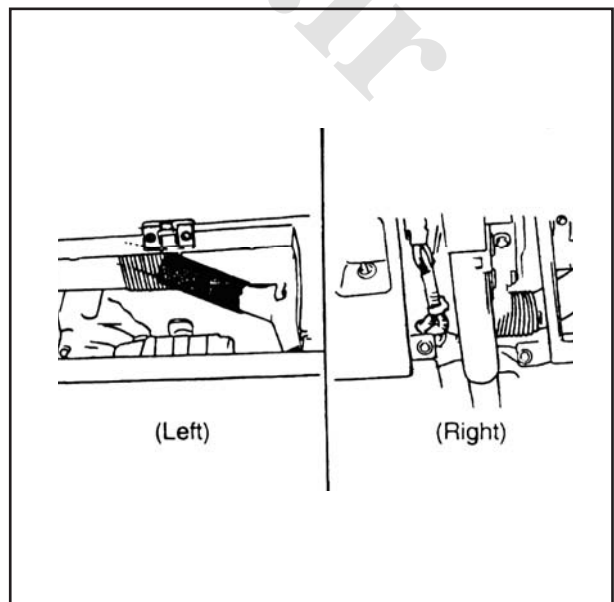
8. Disconnect the meter connector and .  
speedometer connector



9. Remove the center frame attaching bolts under  
the steering shaft and remove the center frame.



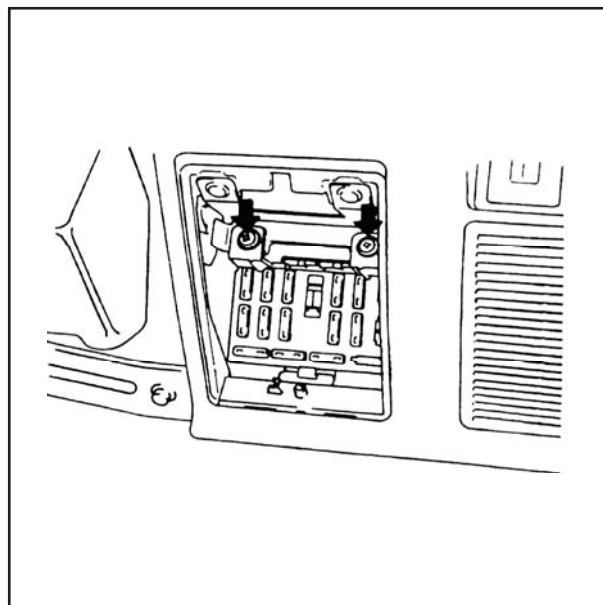
10. Remove the ducts.  
11. Remove the glove box.



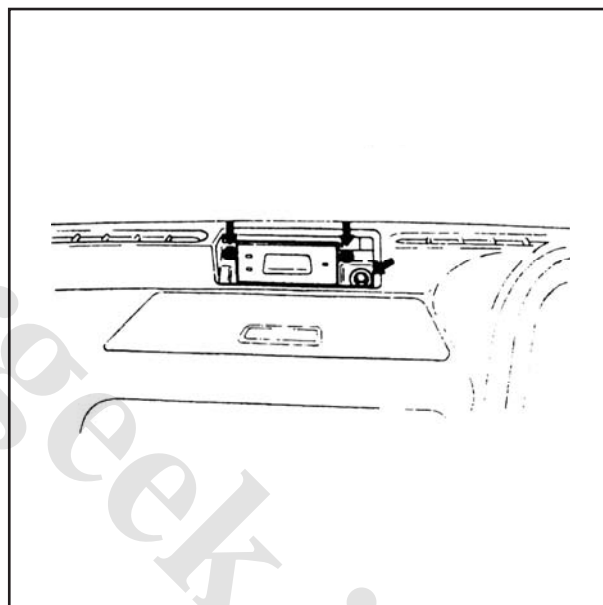
12. Remove the fuse box cover
13. Remove the fuse box attaching screws and push the fuse box forward.

**Note**

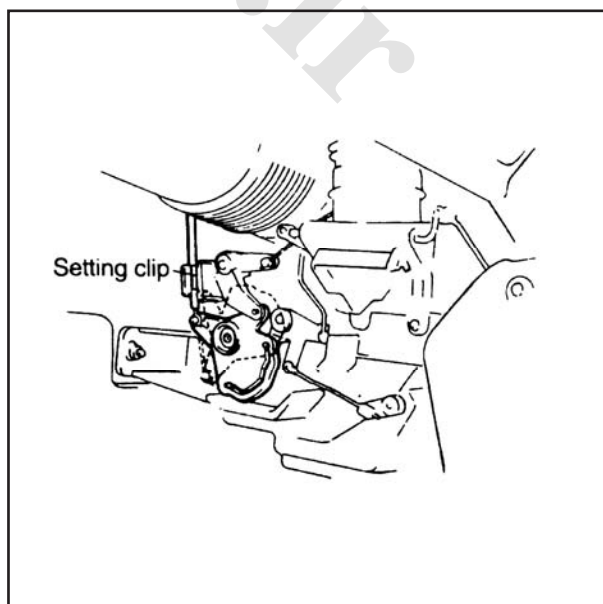
Do not pull the fuse box.



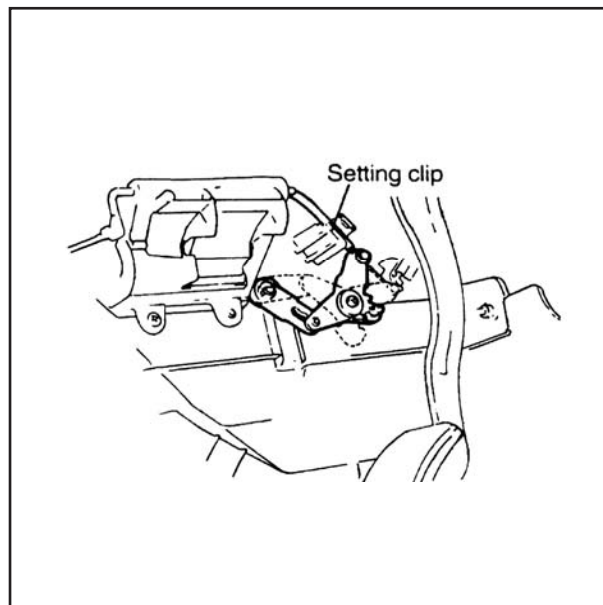
14. Remove the clock bezel and the clock.



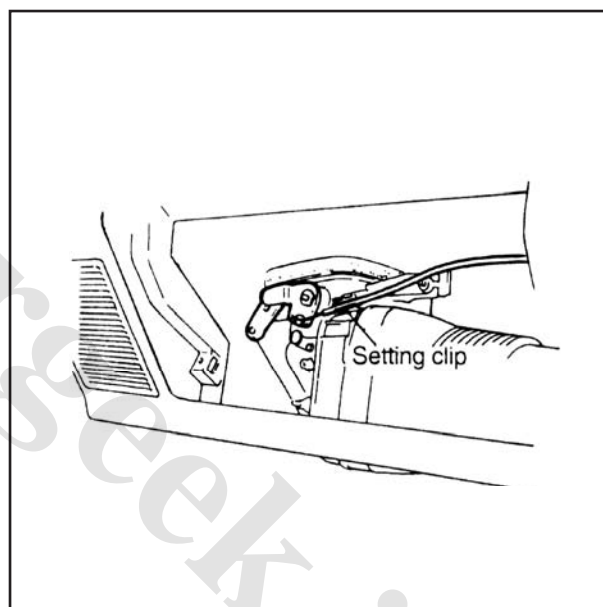
15. Disconnect the mode control wire at the DEF position.



16. Set the temperature control lever at the MAX-COLD position, then disconnect the air mix door control.



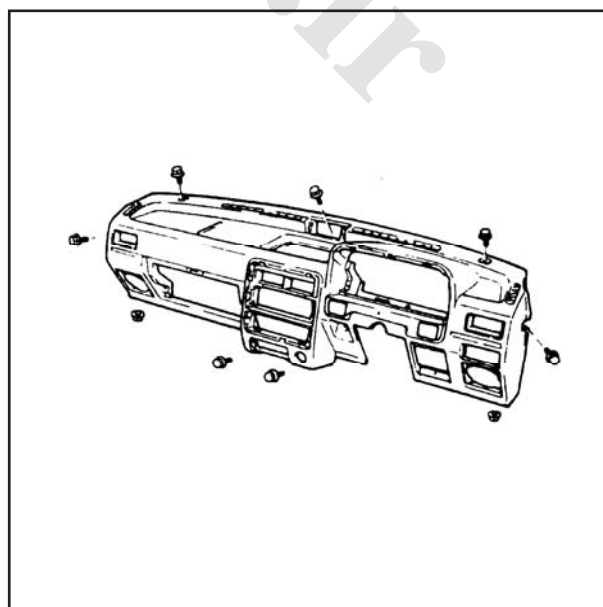
17. Disconnect the rec-fresh control wire at the REC position.



18. Remove the instrument panel attaching bolts and nuts.

19. Disconnect the connectors.

20. Remove the instrument panel.



**Installation**

Install in the reverse order of removal.

**Tightening torque**

4.2~6.4 N . m

(0.43~0.65 m-kp, 3.1~4.7 ft-lb)

8.8~12.8 N . m

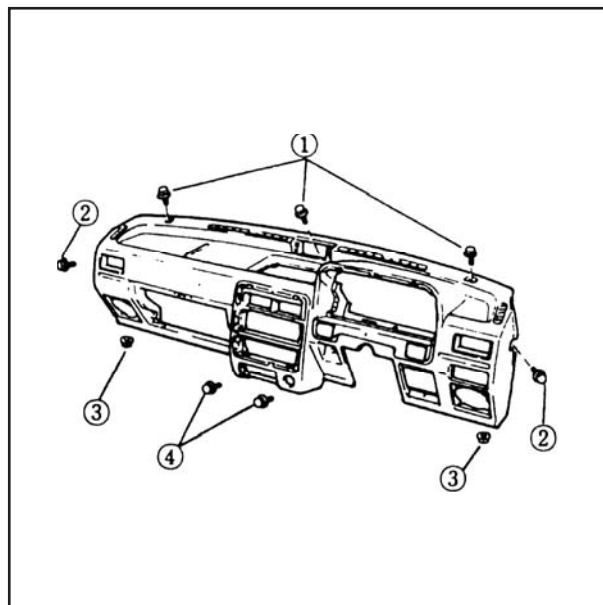
(0.9~1.3 m-kp, 6.5~9.4 ft-lb)

7.8~10.8 N . m

(0.8~1.1 m-kp, 5.8~8.0 ft-lb)

8.8~12.8 N . m

(0.9~1.3 m-kp, 6.5~9.4 ft-lb)

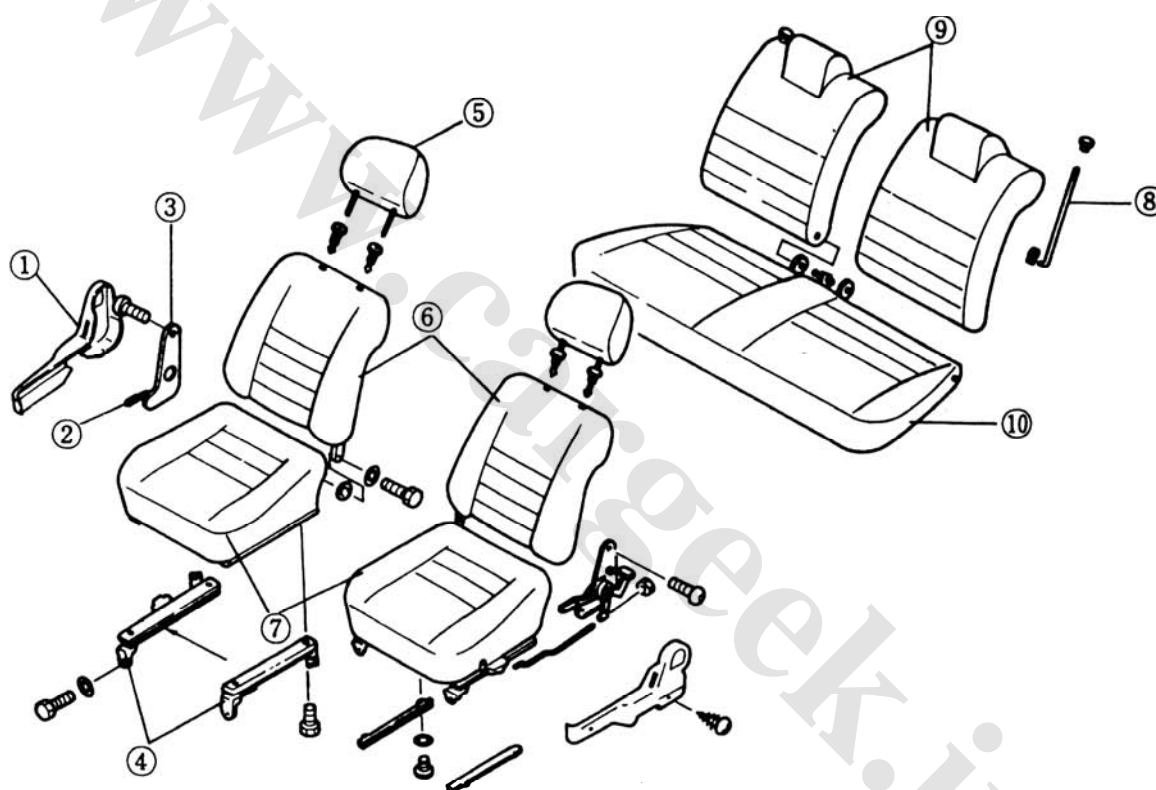


## SEAT

## REMOVAL AND INSTALLATION

1. Install in the reverse order of removal.

## STRUCTURAL VIEW



- 1. Seat side cover
- 2. Reclining lever
- 3. Reclining knuckle
- 4. Seat adjuster

- 5. Head restraint
- 6. Front seat back
- 7. Front seat cushion
- 8. Reclining lever

- 9. Rear seat back
- 10. Rear seat cushion



## REMOVAL AND INSTALLATION

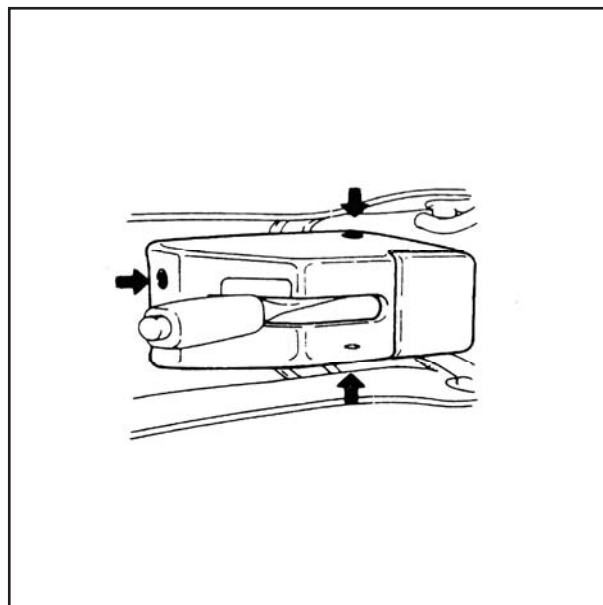
## Rear seat

1. Remove the screws and the rear console.
2. Remove the bolts and the front seat.
3. Install in the reverse order of removal.

## Tightening torque

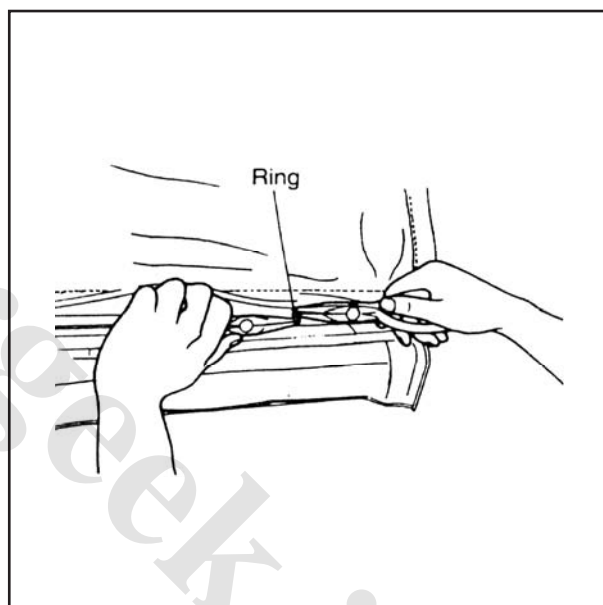
## Seat installation bolt:

38~51 N . m (3.9~5.2 m-kg, 28~38 ft-lb)

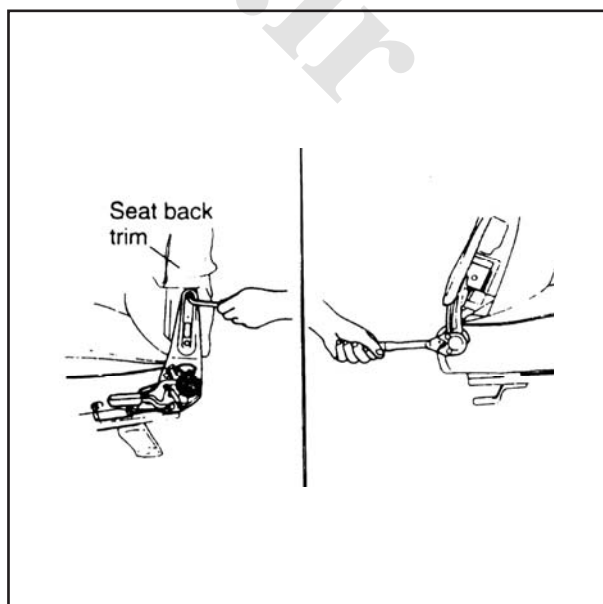


## Reclining knuckle of front seat

1. Remove the ring.



2. Turn up the seat back trim until the knuckle installation bolts are visible.
3. Remove the seat back installation nut.
4. Remove the reclining knuckle installation bolts.

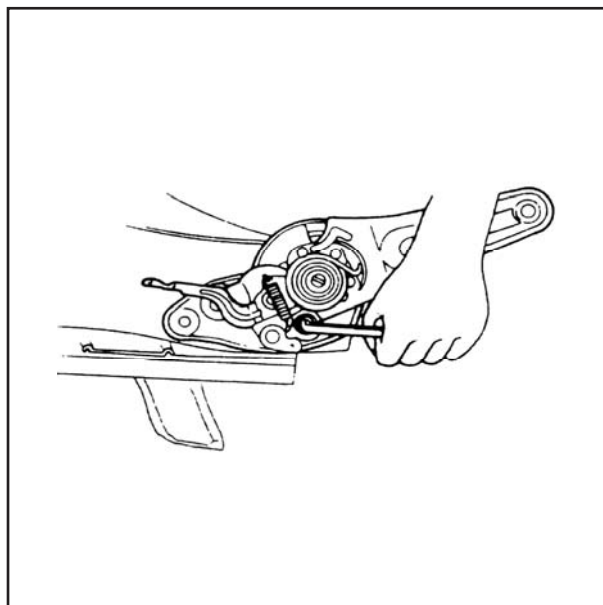




5. Set up the reclining knuckle and remove their installation bolts.
6. Install in the reverse order of removal.

Tightening torque:

34~44 N . m (3.5~4.5 m-kg, 25~33 ft-lb)

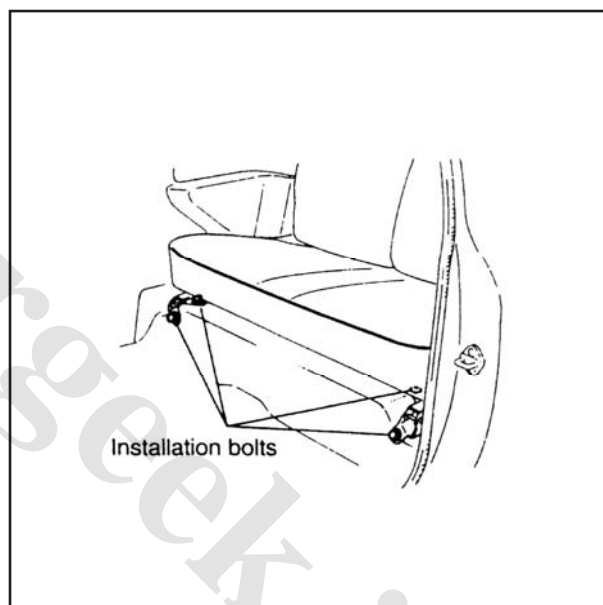


#### Rear Seat

1. Remove the rear seat installation bolts (left and right front)
2. Fold the rear seat.
3. Remove the rear seat installation bolts at the luggage compartment and then remove the rear seat.
4. Install in the reverse order of removal.

Tightening Torque:

38~51 N . m (3.9~5.2 m-kg, 28~38 ft-lb)



#### INSPECTION

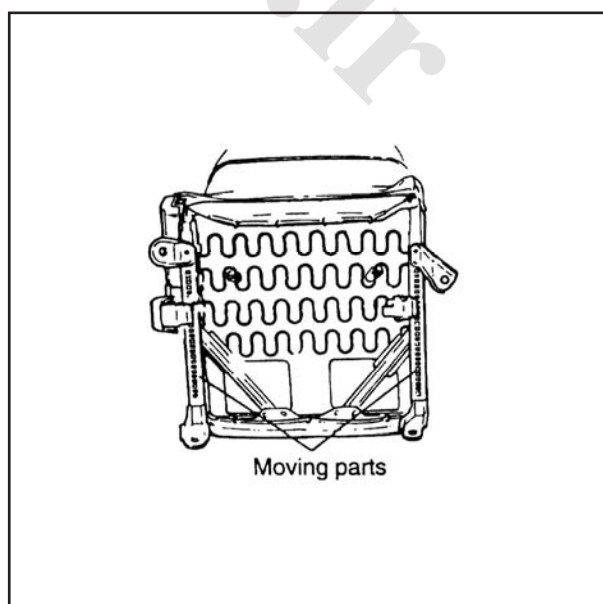
##### Front Seat

1. Check that the seat adjuster lever and reclining knuckle lever move smoothly.
2. Check the seat adjuster lever for wear.
3. Check the seat mounting bolts for looseness. If necessary, tighten the bolts to the specified torque.

Tightening torque:

8~51 N . m (3.9~5.2 m-kg, 28~38 ft-lb)

4. Apply grease to the moving parts.

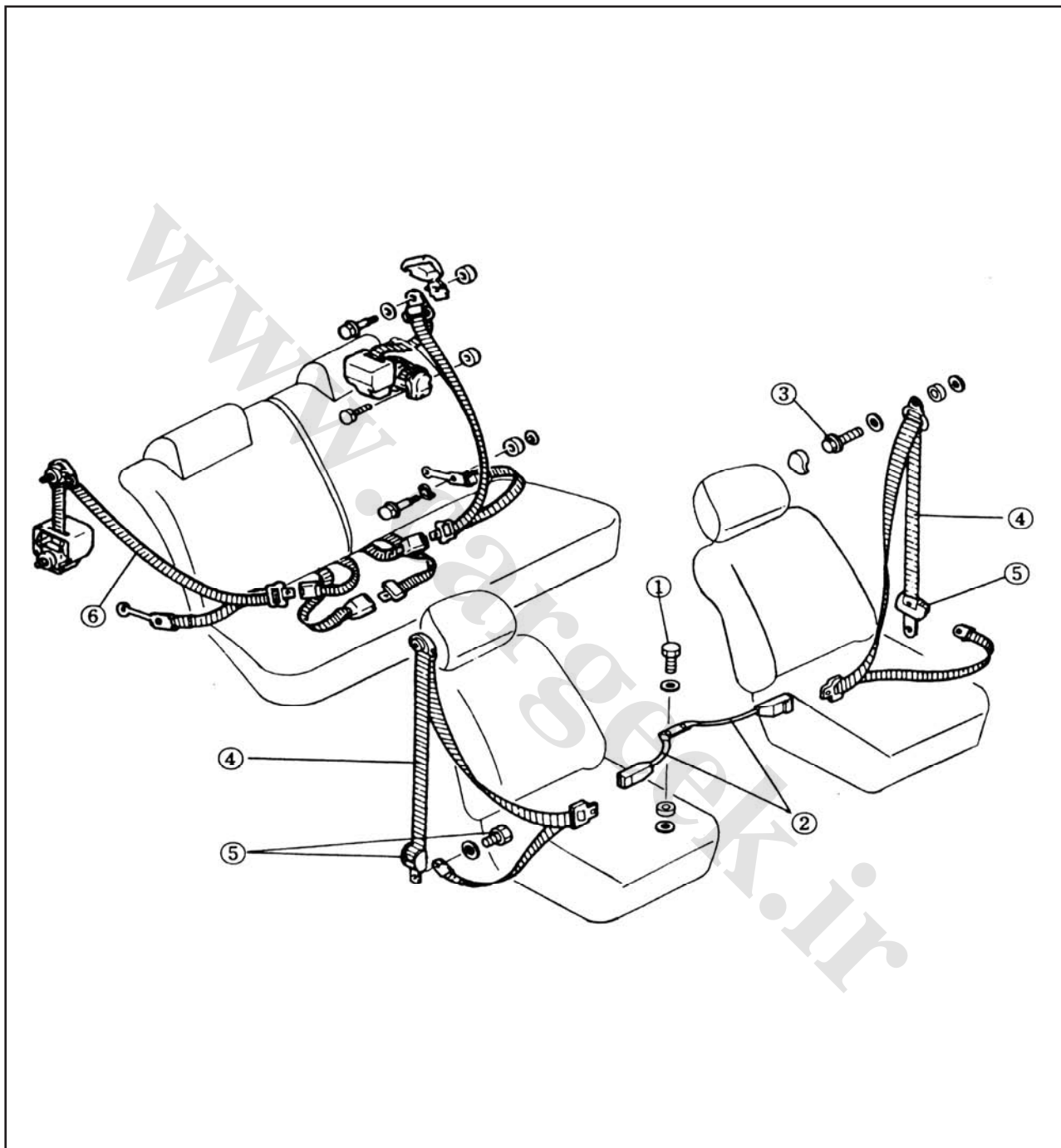




## SEAT BELT

## REMOVAL AND INSTALLATION

1. Remove the parts in the sequence shown in the figure.
2. Install in the reverse order of removal.



1.Anchor bolt  
2. Seat belt buckle

3. Anchor bolt (upper)  
4.Webbing

5.Anchor bolt and  
6.Rear seat belt

## Caution

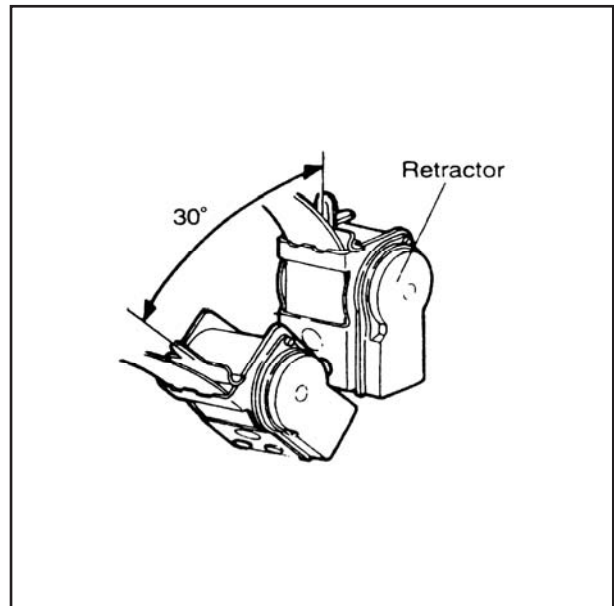
Do not disassemble the buckles or retractors.

lightening torque: Seat belt installation bolt: 38~78 N . m (3.9~8.0 m-kg, 28~58 ft-lb)



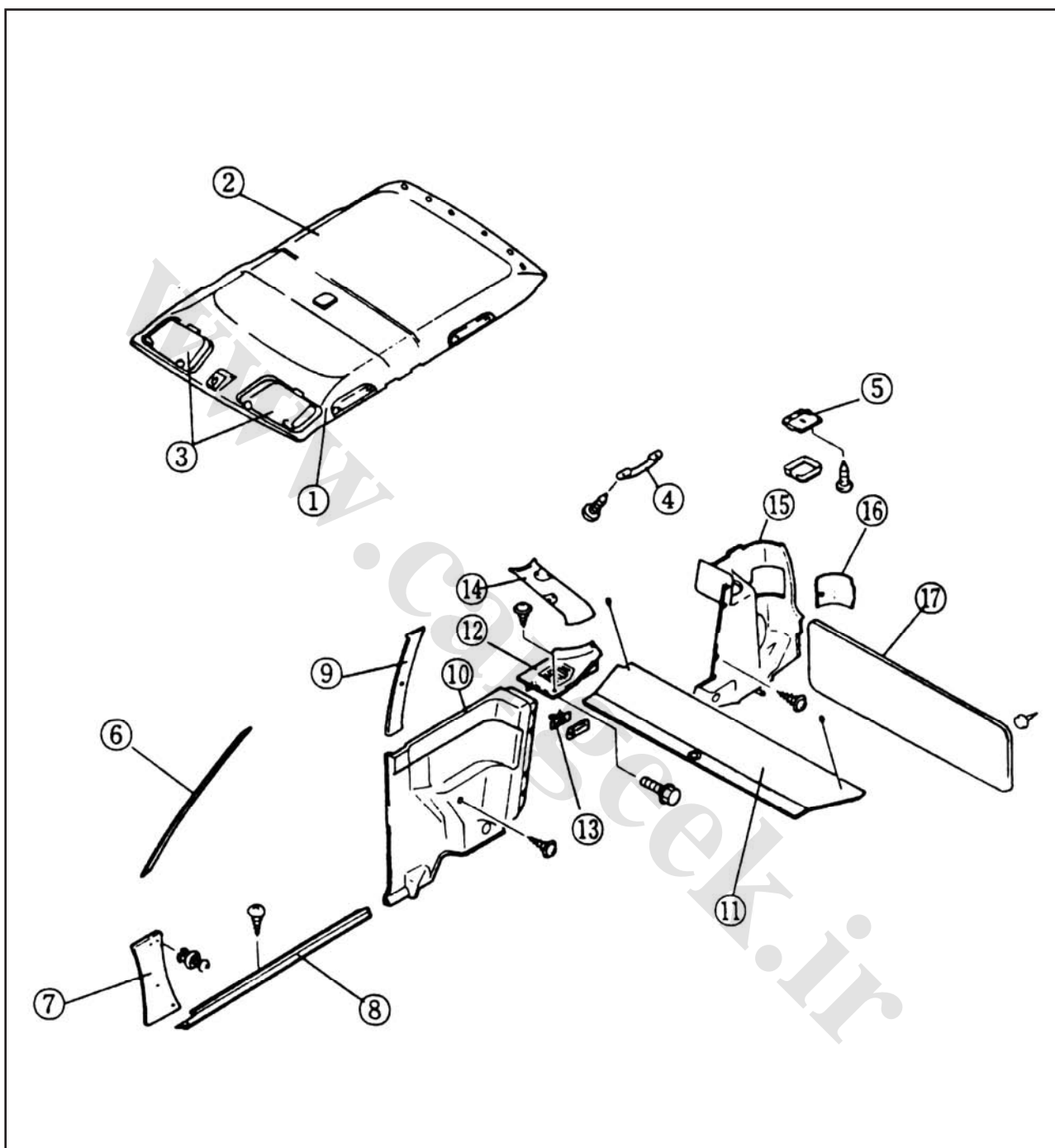
**INSPECTION**

1. Check that the belt pulls out smoothly.
2. Check the lock function
  - Remove the retractor.
  - Place the retractor vertically.
  - While pulling out the belt, incline the retractor slowly.
  - Check that the retractor locks within 30 degrees inclination.



## TRIM (FOR 3 DOOR MODEL)

## STRUCTURAL VIEW



1. Headlining
2. Insulator
3. Sunvisor
4. Assist handle
5. Interior light
6. Front pillar trim
7. Front side trim
8. Scuff plate
9. Center pillar trim

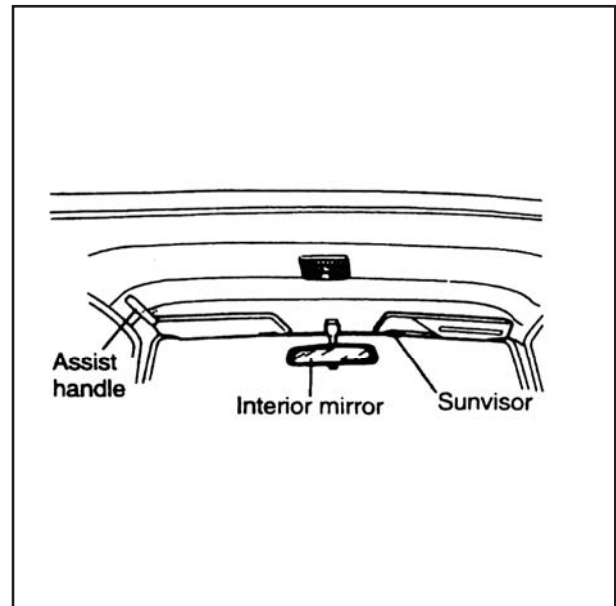
10. Quarter trim
11. Rear package trim
12. Side shelf
13. Luggage compartment light
14. Rear pillar trim
15. Luggage compartment side trim
16. Service hole cover
17. Rear hatch trim



## REMOVAL AND INSTALLATION

## Headlining

1. Remove the interior mirror, sunvisor and assist handle.



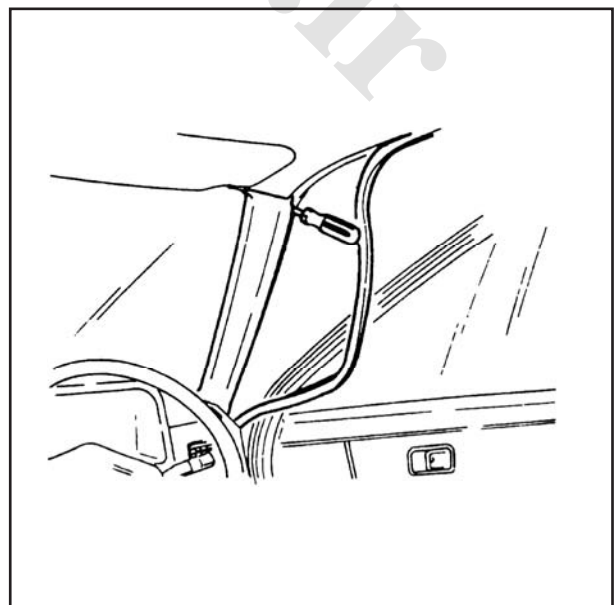
2. Remove the interior light lens and remove the screws.

3. Disconnect the interior light connector.

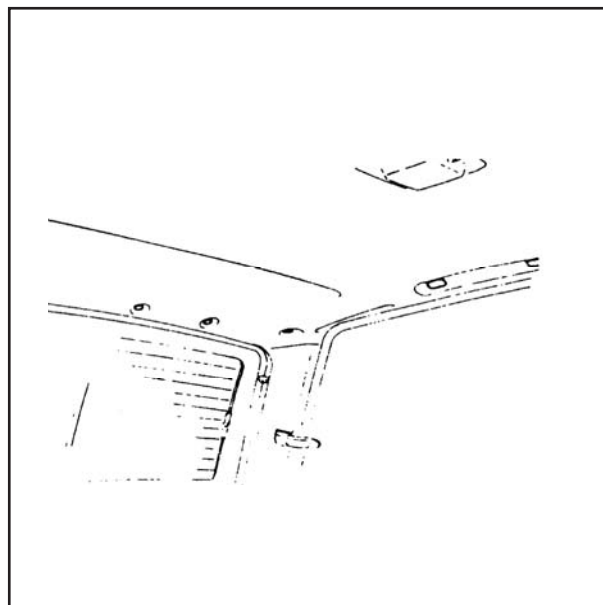


4. Remove the seaming welt.

5. Remove the front pillar trim using a protected standard screwdriver.

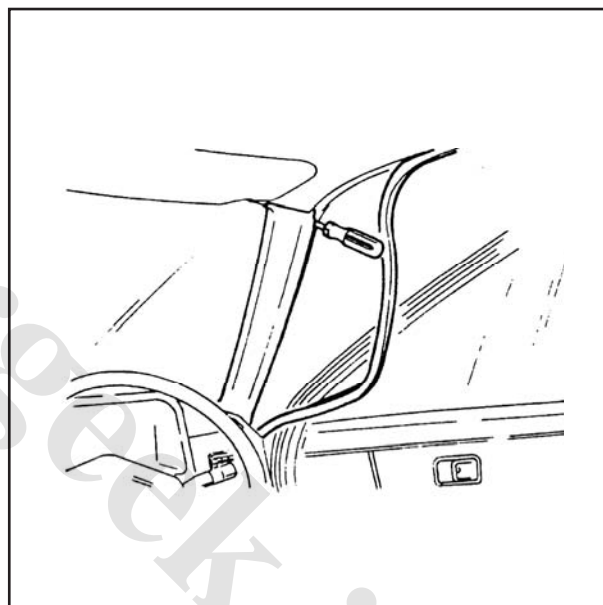


6. Remove the roof lining installation screws and fasteners.
7. Remove the roof lining.
8. Install in the reverse order of removal.



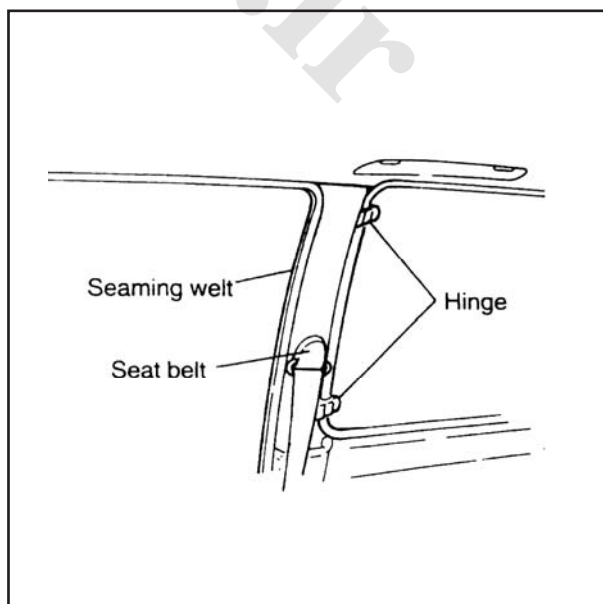
#### Front Pillar Trim

1. Remove the seaming welt.
2. Remove the front pillar trim using a protected standard screwdriver.
3. Remove the front of the roof lining.
4. Install in the reverse order of removal.



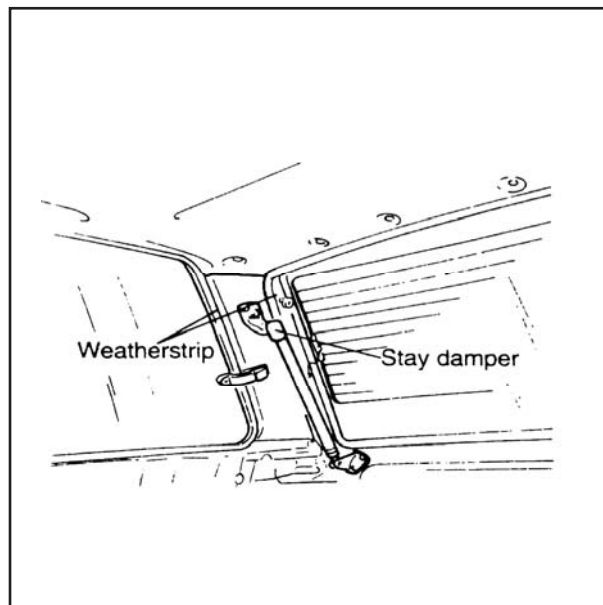
#### Center Pillar Trim

1. Remove the seaming welt.
2. Remove the quarter window glass and remove the hinge.
3. Remove the seat belt installation bolt.
4. Remove the center pillar trim using a protected standard screwdriver.
5. Install in the reverse order of removal.



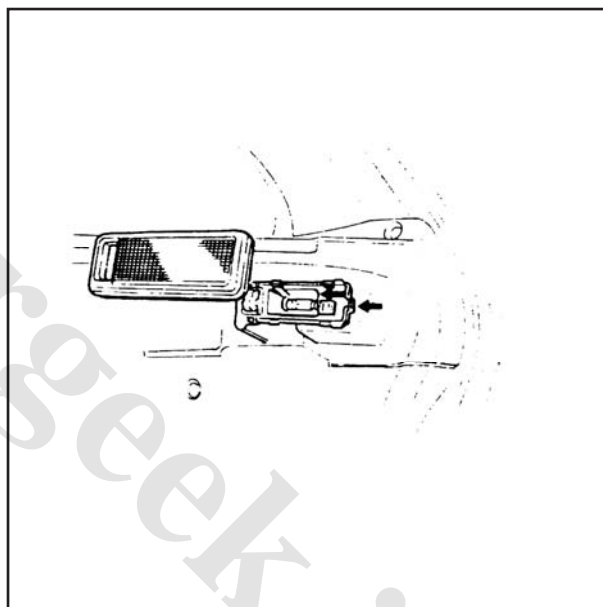
#### Rear Pillar Trim

1. Remove the weatherstrip between the rear hatch and quarter window.
2. Remove the stay damper.
3. Remove the side shelf.
4. Remove the rear pillar trim using a protected standard screwdriver.
5. Install in the reverse order of removal.

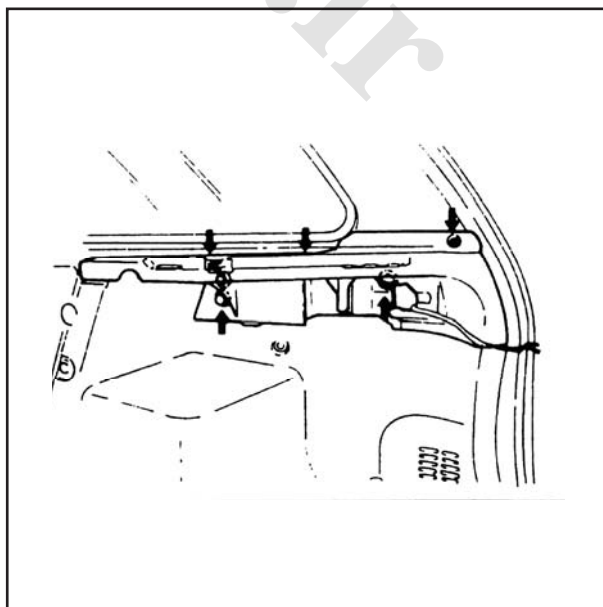


#### Side Shelf

1. Remove the luggage compartment light lens.
2. Remove the luggage compartment light bracket.
3. Disconnect the luggage compartment light, connector.

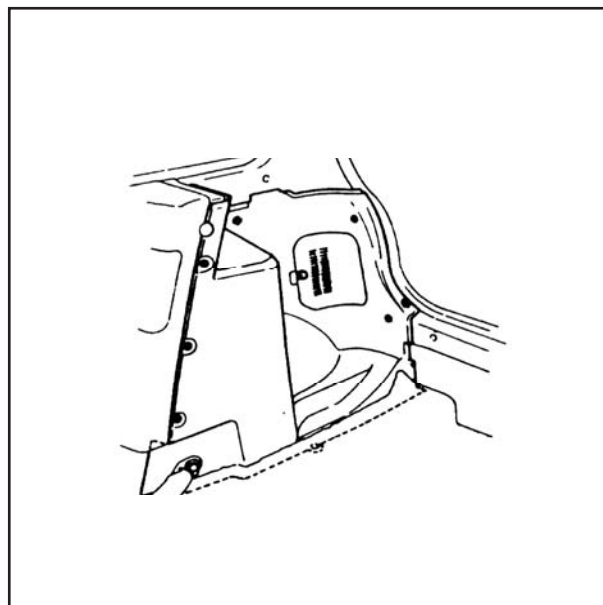


4. Remove the screws and the side shelf.
5. Install in the reverse order of removal.



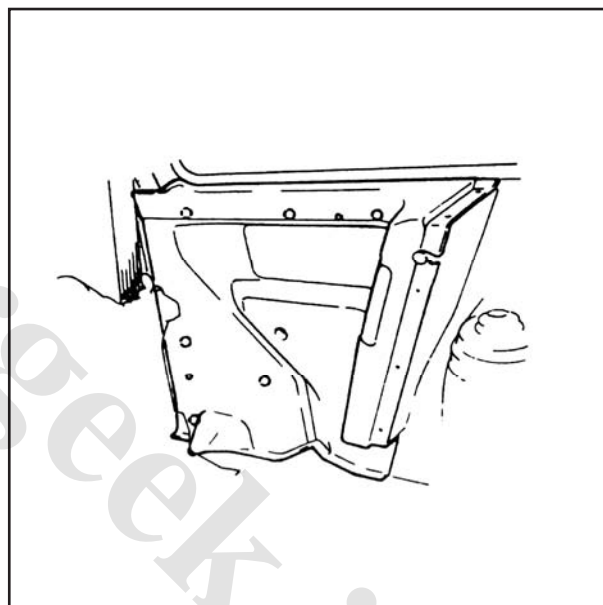
#### Luggage Compartment Side Trim

1. Remove the seat belt installation bolt.
2. Remove the screws and fasteners and the luggage compartment side trim.
3. Install in the reverse order of removal.



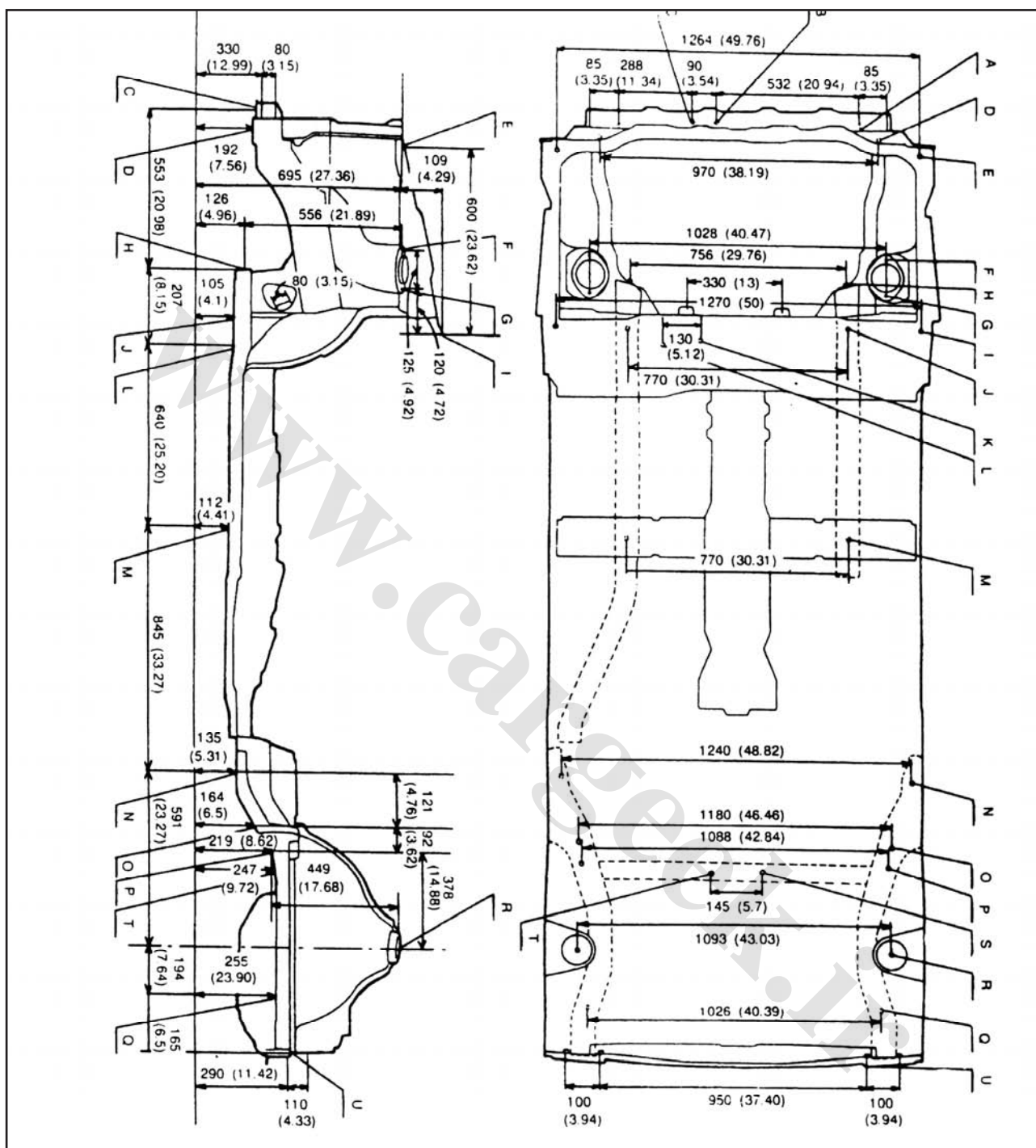
#### Quarter Trim

1. Fold the rear seat forward.
2. Remove the seaming welt from front door
3. Remove the screws and fasteners and the quarter trim.





## UNDERBODY PROJECTED DIMENSIONS (FOR 3 DOOR MODEL)

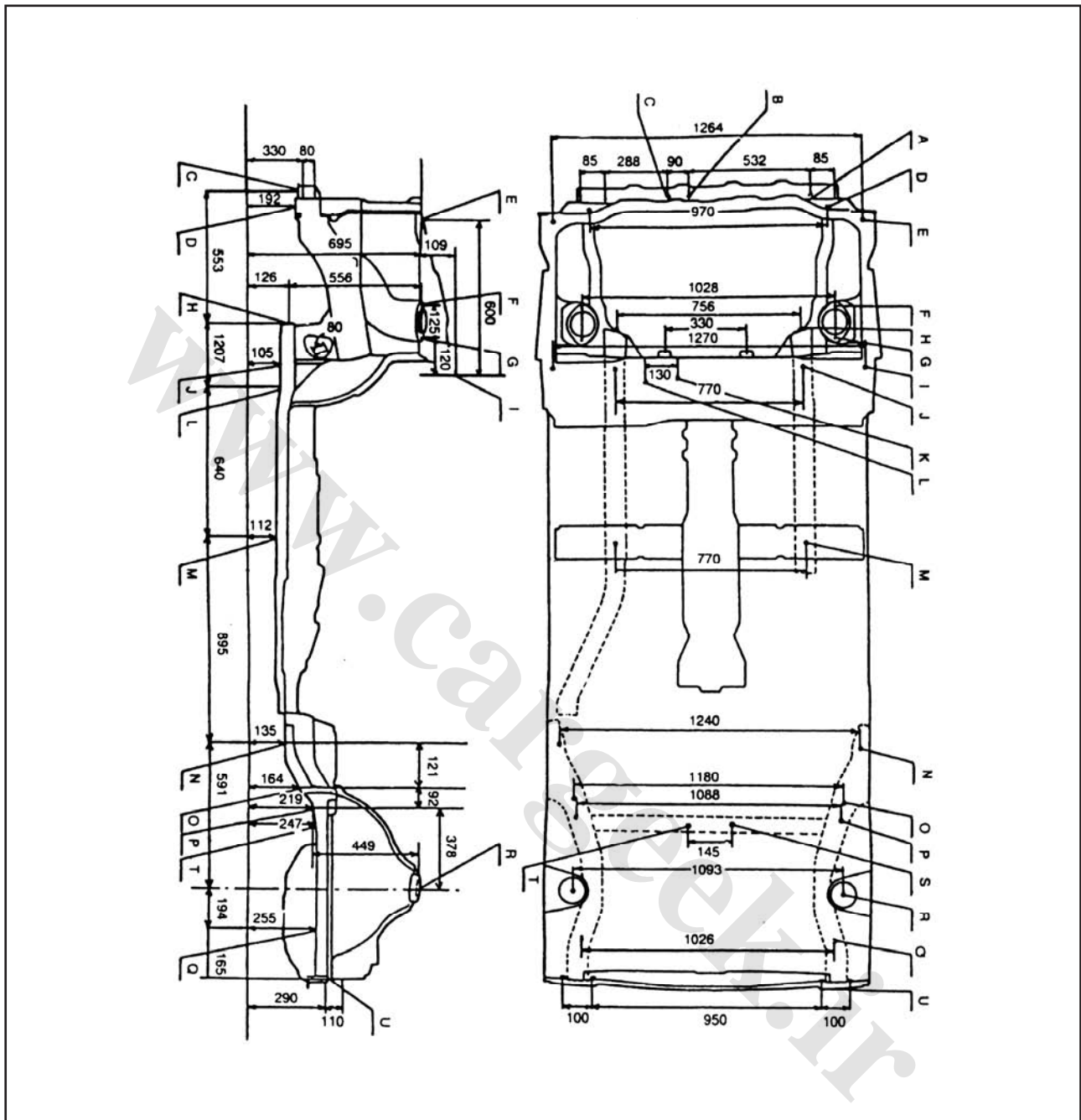


A:Front bumper mounting hole  
 B:Engine member mounting nut (Inside)  
 C:Engine member mounting nut (Outside)  
 D:Stabilizer bracket mounting nut  
 E:Front fender mounting nut  
 F:Front suspension mounting hole (Front)  
 G:Front suspension mounting hole (Rear)  
 H:Lower arm mounting hole  
 I:Front fender mounting nut  
 J:Front frame lower reference hole  
 K:Engine member mounting nut (Inside)

L:Engine member mounting nut (Outside)  
 M:Front frame lower reference hole  
 N:Rear side frame reference hole  
 O:Torsion beam mounting hole (Front)  
 F:Torsion beam mounting hole (Inside)  
 Q:Rear side frame reference hole  
 R:Rear suspension mounting hole (Center)  
 S:No. 4 crossmember reference hole (Right)  
 T:No. 4 crossmember reference hole (Left)  
 U:Rear bumper mounting hole.



## UNDERBODY PROJECTED DIMENSIONS (FOR 5 DOOR MODEL)

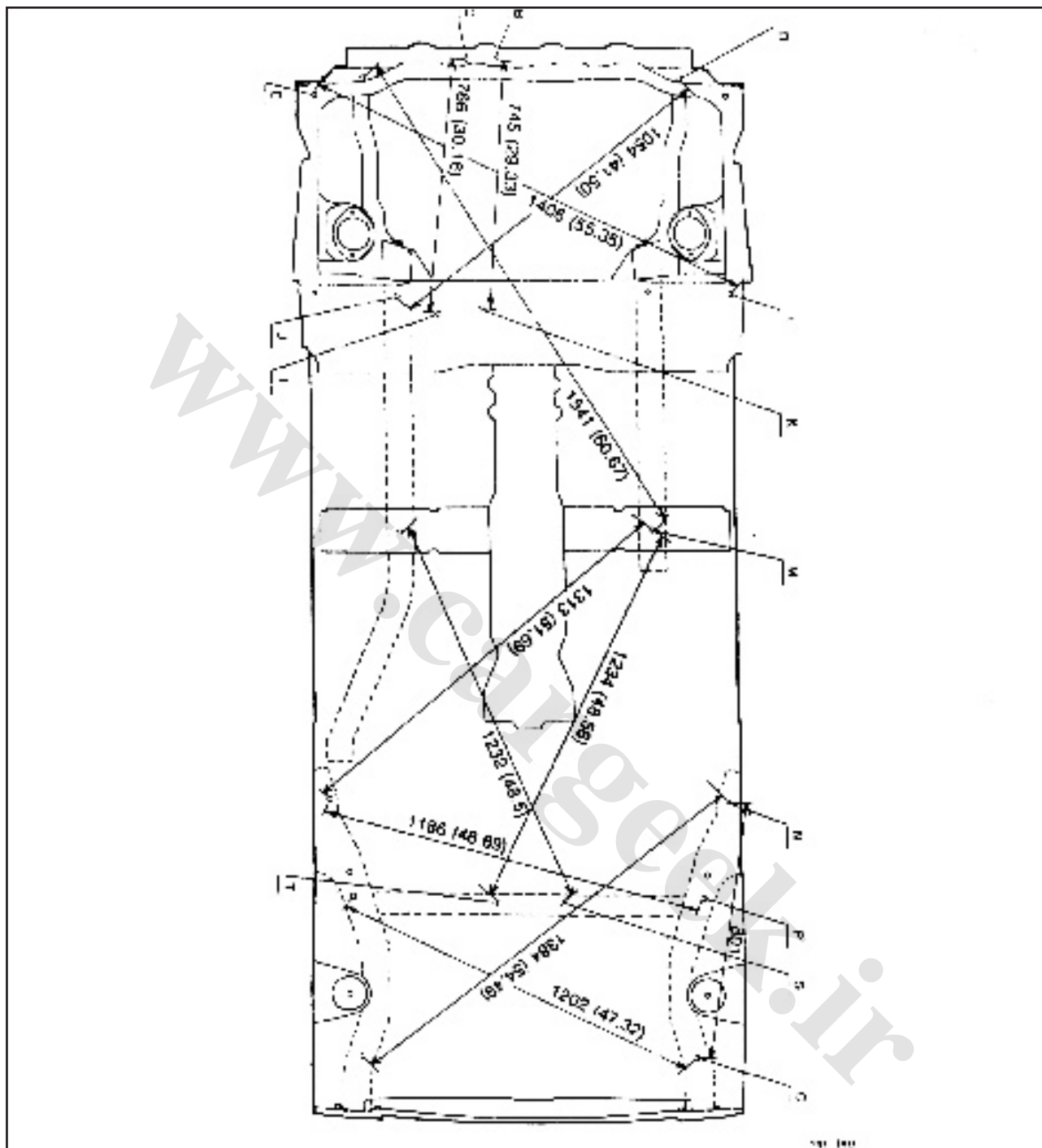


A: Front bumper mounting hole  
 B: Engine member mounting nut (Inside)  
 C: Engine member mounting nut (Outside)  
 D: Stabilizer bracket mounting nut  
 E: Front fender mounting nut  
 F: Front suspension mounting  
 G: Front suspension mounting  
 H: Lower arm mounting hole  
 I: Front fender mounting nut  
 J: Front frame lower reference hole  
 K: Engine member mounting nut (Inside)

L: Engine member mounting nut (Outside)  
 M: Front frame lower reference hole  
 N: Rear side frame reference hole  
 O: Torsion beam mounting hole (Front)  
 P: Torsion beam mounting hole (Inside)  
 Q: Rear side frame reference hole  
 A: Rear suspension mounting hole (Center)  
 S: No. 4 crossmember reference hole (Right)  
 T: No. 4 crossmember reference hole (Left)  
 U: Rear bumper mounting hole.



## UNDERBODY STRAIGHT-LINE DIMENSIONS (FOR 3 DOOR MODEL)

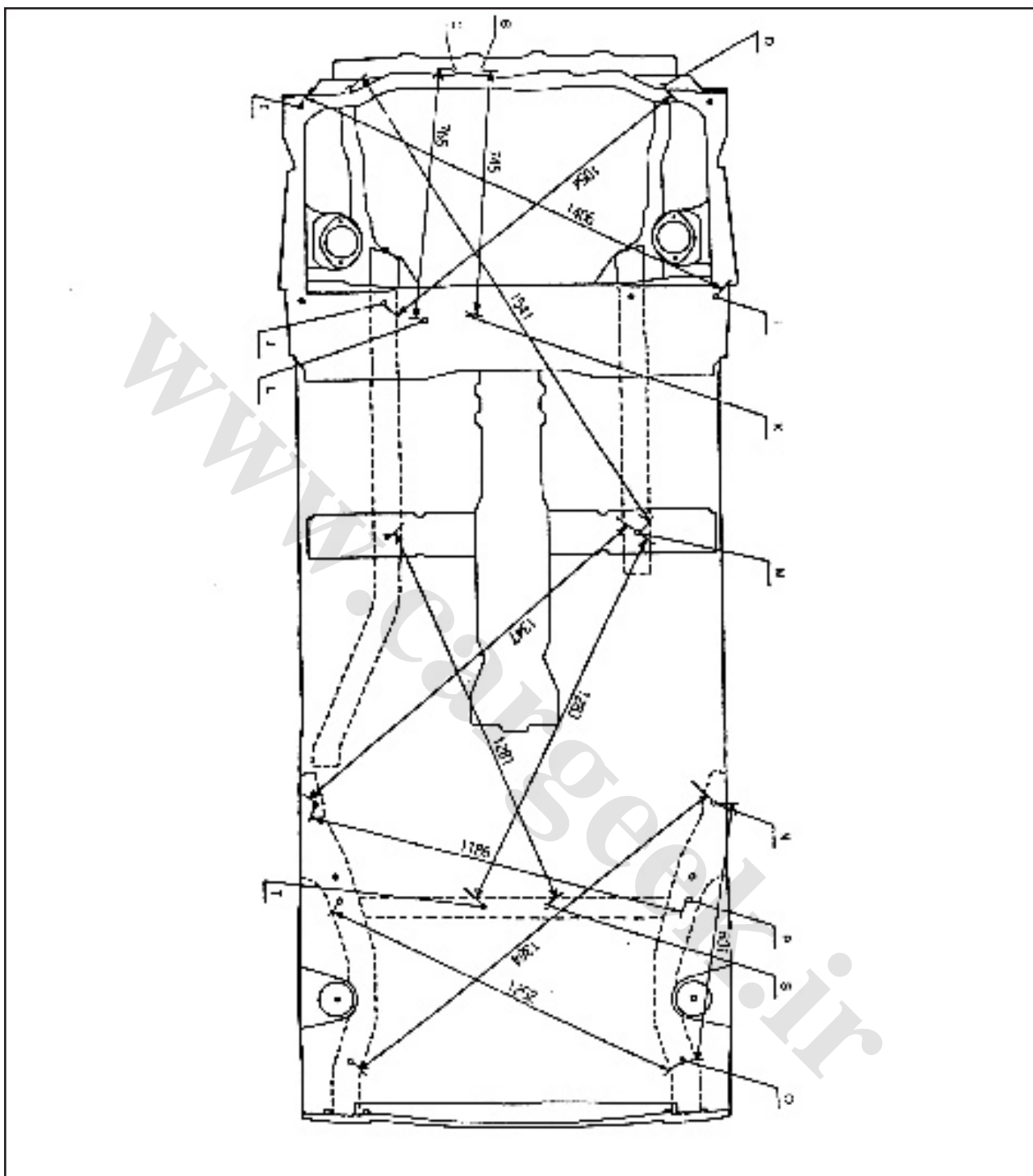


A: Front bumper mounting hole  
 B: Engine member mounting nut (Inside)  
 C: Engine member mounting nut (Outside)  
 D: Stabilizer bracket mounting nut  
 E: Front fender mounting nut  
 F: Front suspension mounting hole (Front)  
 G: Front suspension mounting hole (Rear)  
 H: Lower arm mounting hole  
 I: Front fender mounting nut  
 J: Front frame lower reference hole  
 K: Engine member mounting nut (Inside)

L: Engine member mounting nut (Outside)  
 M: Front frame lower reference hole  
 N: Rear side frame reference hole  
 O: Torsion beam mounting hole (Front)  
 P: Torsion beam mounting hole (Inside)  
 Q: Rear side frame reference hole  
 R: Rear suspension, mounting hole (Center)  
 S: No. 4 crossmember reference hole (Right)  
 T: No. 4 crossmember reference hole (Left)  
 U: Rear bumper mounting hole.



## UNDERBODY STRAIGHT-LINE DIMENSIONS (FOR 5 DOOR MODEL)



A: Front bumper mounting hole  
 B: Engine member mounting nut (Inside)  
 C: Engine member mounting nut (Outside)  
 D: Stabilizer bracket mounting nut  
 E: Front fender mounting nut  
 F: Front suspension mounting hole (Front)  
 G: Front suspension mounting hole (Rear)  
 H: Lower arm mounting hole  
 I: Front fender mounting nut

J: Front frame lower reference hole  
 K: Engine member mounting nut (Inside)  
 L: Engine member mounting nut (Outside)  
 M: Front frame lower reference hole  
 N: Rear side frame reference hole  
 O: Torsion beam mounting hole (Front)  
 P: Torsion beam mounting hole (Inside)  
 Q: Rear side frame reference hole  
 R: Rear suspension mounting hole (Center)

