



# BODY AND SHEET METAL

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## SPECIFICATIONS

### GENERAL SPECIFICATIONS

Front doors	
Construction	Front-hinged, sash construction
Regulator system	X-arm type
Locking system	Pin-fork type
Glass installation method	
Windshield glass	Weatherstrip type
Quarter window glass (metal-top vehicle)	Weatherstrip type
Back door window glass (metal-top vehicle)	Weatherstrip type
Glass thickness	
Windshield glass mm (in.)	5.7 (.22)
Quarter window glass (metal-top vehicle) mm (in.)	4 (.16)
Back door window glass (metal-top vehicle) mm (in.)	4 (.16)
Door window glass mm (in.)	4 (.16)
Ventilator window glass mm (in.)	5 (.2)
Suspension seats	
Suspension mechanism	Coil spring type with shock absorber
Up-and-down movement stroke mm (in.)	80 (3.15)
Body weight adjustment kg (lbs.)	50-100 (110.2-220.5)
Seat height adjustment	3 levels

### TORQUE SPECIFICATIONS

Nm (ft.lbs.)

Body to frame	28-32 (20-23)
Under skid plate to frame	18-25 (13-18)
Under cover to under skid plate	10-13 (7-9)
Hood release cable	3.5-4.0 (2.5-2.9)
Front door hinges to body	30-40 (22-29)
Back door hinges to body	30-40 (22-29)
Spare tire carrier to back door	8-10 (5.8-7.0)
Seat anchor bolts	
Head marked 8	10-14 (7-10)
Head marked 10	32-49 (23-35)
Suspension seats	
Shock absorber attaching bolts	7-10 (5-7)
Link attaching bolts	27-36 (20-26)
Rear seat back stopper	20-30 (14-22)
Seat belt tightening bolts	23-65 (17-47)

## SPECIFICATIONS/SPECIAL TOOL



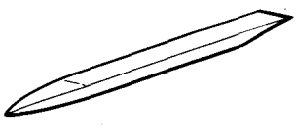
### LUBRICANTS

	Recommended lubricant	Quantity
Sliding portion of seat adjuster	Multipurpose grease SAE J310a, NLGI grade #2EP	As required

### ADHESIVE

	Specified adhesive	Quantity
Windshield weatherstrip and windshield	3M Super Weatherstrip Adhesive 8001 or equivalent	As required
Windshield weatherstrip and body flange	3M Super Weatherstrip Adhesive 8001 or equivalent	As required
Back door window weatherstrip and back door window glass	3M Super Weatherstrip Adhesive 8001 or equivalent	As required

### SPECIAL TOOL

Tool (Number and name)	Use
MB990784 "D" Ornament remover 	Removal of trims

"D" see page 2 for instructions.



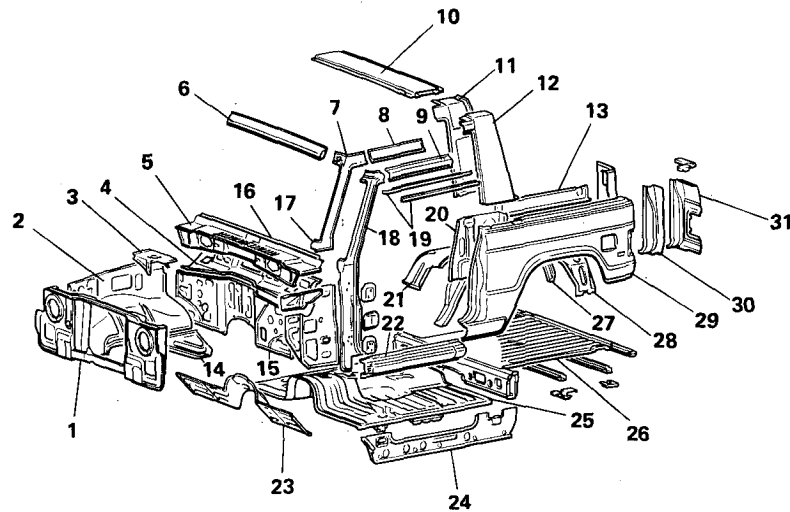
## TROUBLESHOOTING

Symptom	Probable cause	Remedy
<b>HOOD</b>		
Floating	Incorrect hood lock height	Adjust
Stiff lock operation	Incorrect hook-to-lock alignment	Adjust
Uneven height	Incorrect hood bumper height	Adjust
Uneven clearance	Incorrectly installed hood	Adjust
<b>DOORS</b>		
Stiff opening and closing	Improperly adjusted latch and striker	Adjust
Level difference	Improperly installed door	Adjust
Uneven clearance	Improperly installed door	Adjust
<b>WATER LEAKS</b>		
Leaking in from bulkhead holes	Sealant improperly applied to grommets in bulkhead	Apply sealant
Leaking in from door glass	Poor contact of door glass	Adjust
	Gap at top of glass	Adjust
Leaking in from door edges	Deformed or damaged weatherstrip	Replace
Leaking in from center of door	Clogged drainage hole	Clean hole
	Insufficiently bonded or damaged waterproof film	Replace
<b>DUST</b>		
Entering from floor	Cracked or improperly filled sealant at floor joints	Apply sealant



## COMPONENTS

### Canvas-top vehicle



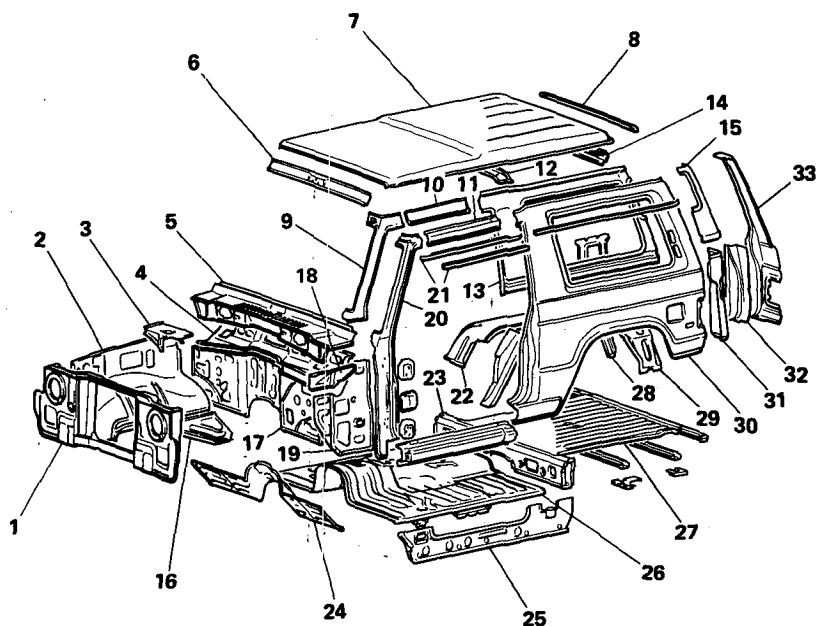
- |                               |                                  |
|-------------------------------|----------------------------------|
| 1. Headlamp support           | 17. Front pillar, inner, lower   |
| 2. Front fender shield        | 18. Front pillar, outer          |
| 3. Battery tray               | 19. Drip channel                 |
| 4. Cowl top inner panel       | 20. Center pillar, inner, lower  |
| 5. Cowl top outer panel       | 21. Rear wheel house inner panel |
| 6. Front roof rail            | 22. Side sill, outer             |
| 7. Front pillar, inner, upper | 23. Dash panel, lower            |
| 8. Side roof panel, inner     | 24. Side sill, inner             |
| 9. Side roof panel, outer     | 25. Front floor pan              |
| 10. Center roof rail          | 26. Rear floor pan               |
| 11. Center pillar, inner      | 27. Rear wheel house outer panel |
| 12. Center pillar, outer      | 28. Side panel, inner, lower     |
| 13. Side rail, upper          | 29. Side panel, outer            |
| 14. Fender shield extension   | 30. Rear end panel reinforcement |
| 15. Dash panel, upper         | 31. Rear end panel, outer        |
| 16. Cowl top extension        |                                  |

18W631



## COMPONENT SERVICE-BODY PANELING

### Metal-top vehicle

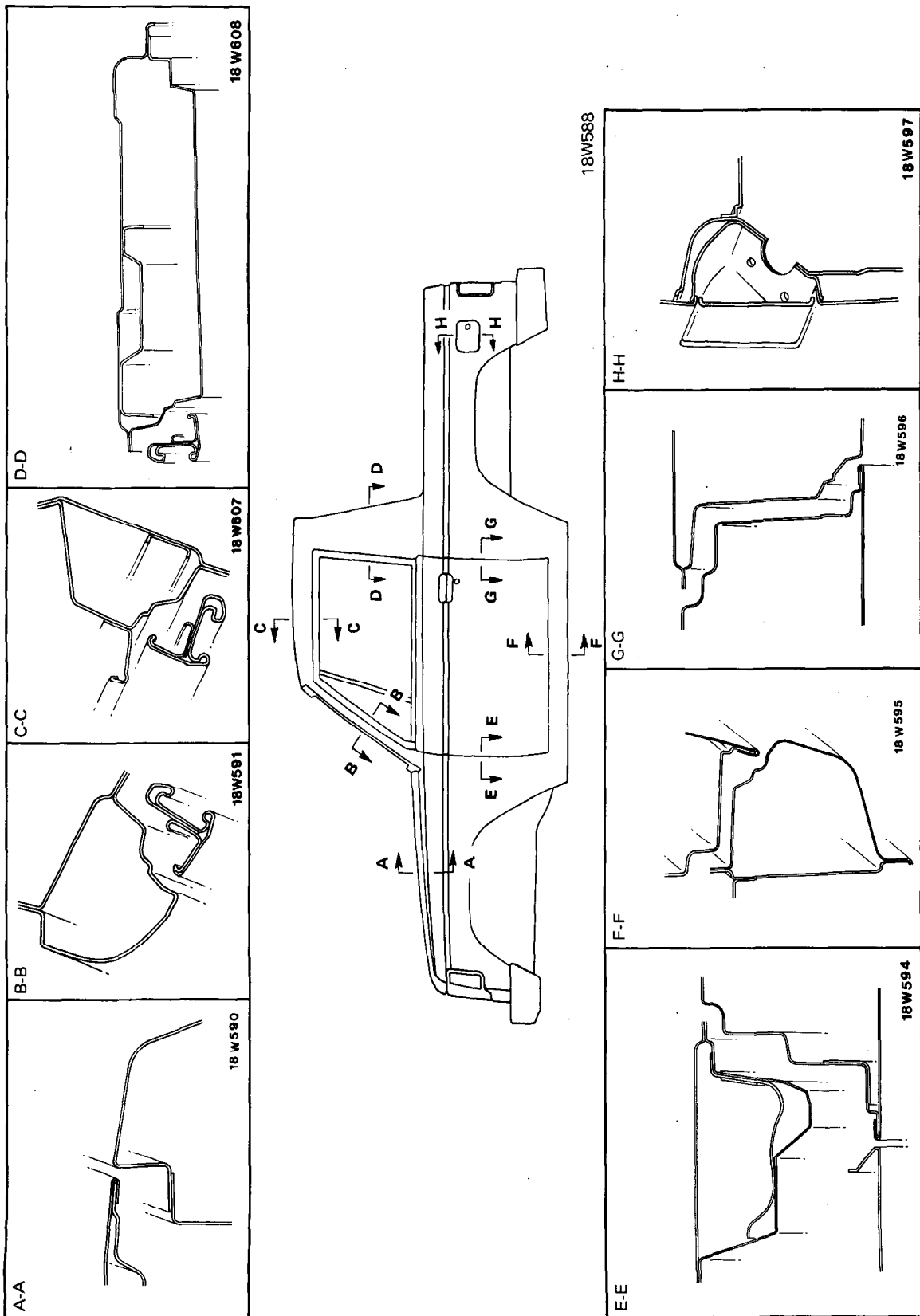


- |                                  |                                  |
|----------------------------------|----------------------------------|
| 1. Headlight support             | 18. Cowl top extension           |
| 2. Front fender shield           | 19. Front pillar, inner, lower   |
| 3. Battery tray                  | 20. Front pillar, outer          |
| 4. Cowl top inner panel          | 21. Drip channel                 |
| 5. Cowl top outer panel          | 22. Rear wheelhouse inner panel  |
| 6. Front roof rail, inner        | 23. Side sill, outer             |
| 7. Roof panel                    | 24. Dash panel, lower            |
| 8. Rear drip channel             | 25. Side sill, inner             |
| 9. Front pillar, inner, upper    | 26. Front floor pan              |
| 10. Side roof panel, inner       | 27. Rear floor pan               |
| 11. Side roof panel, outer       | 28. Rear wheelhouse outer panel  |
| 12. Roof bow                     | 29. Side panel, inner, lower     |
| 13. Side panel, inner, upper     | 30. Side panel, outer            |
| 14. Rear roof rail               | 31. Rear end panel, inner, lower |
| 15. Rear end panel, inner, upper | 32. Rear end panel reinforcement |
| 16. Fender shield extension      | 33. Rear end panel, outer        |
| 17. Dash panel, upper            |                                  |

18W630

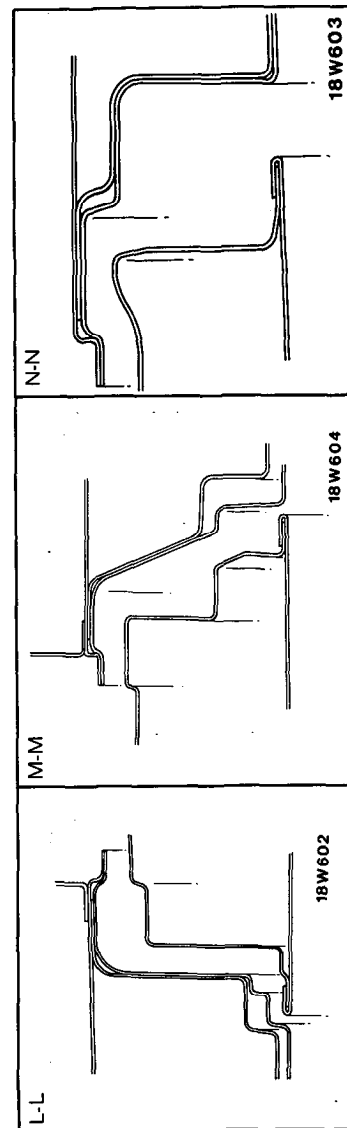
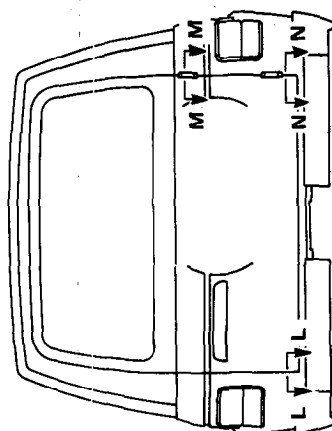
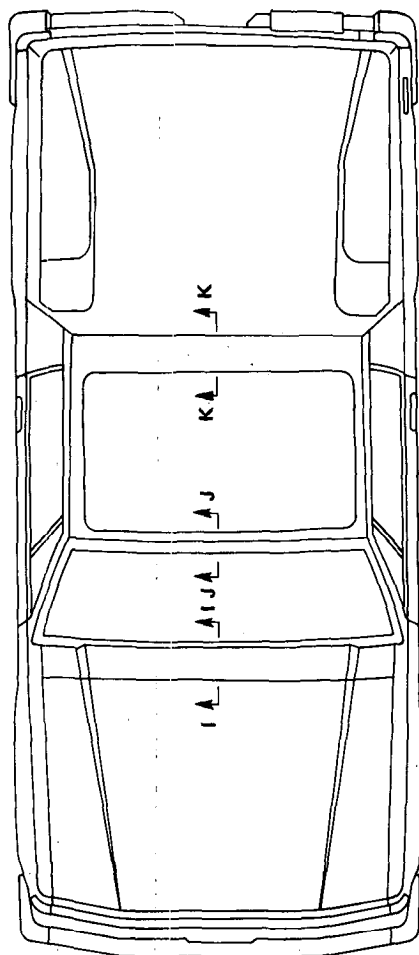
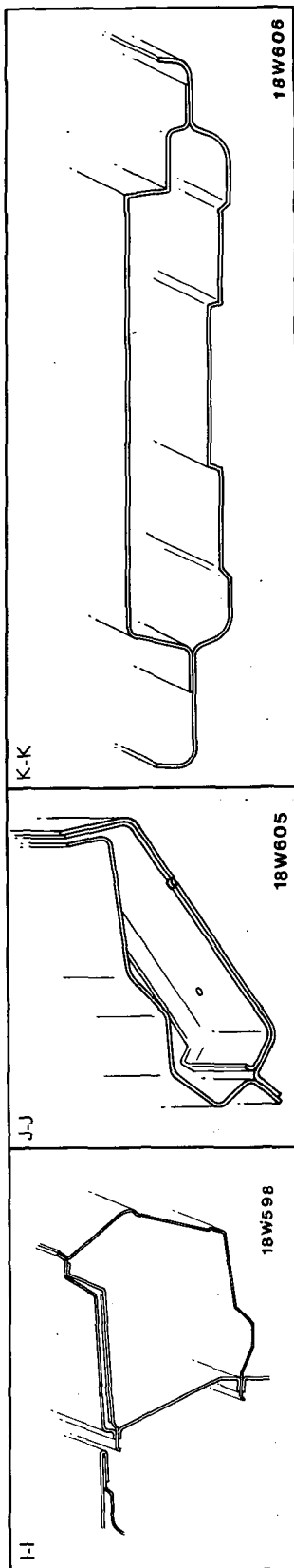


## CROSS SECTIONS OF SHELL-TO-BODY JUNCTIONS

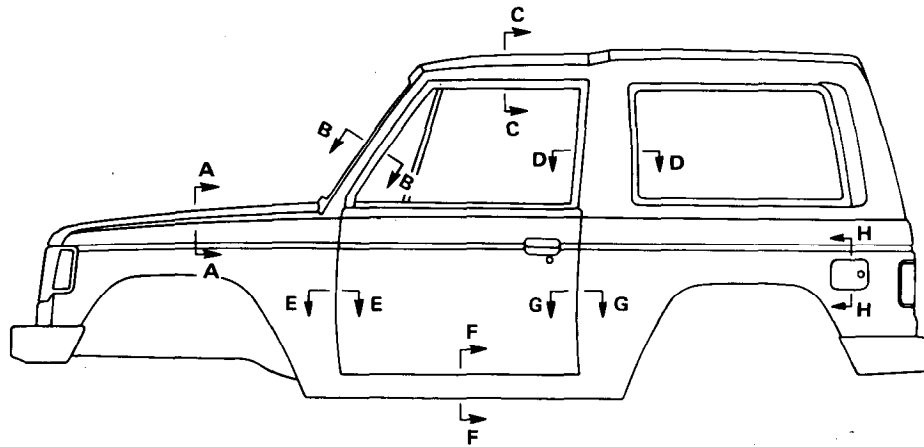
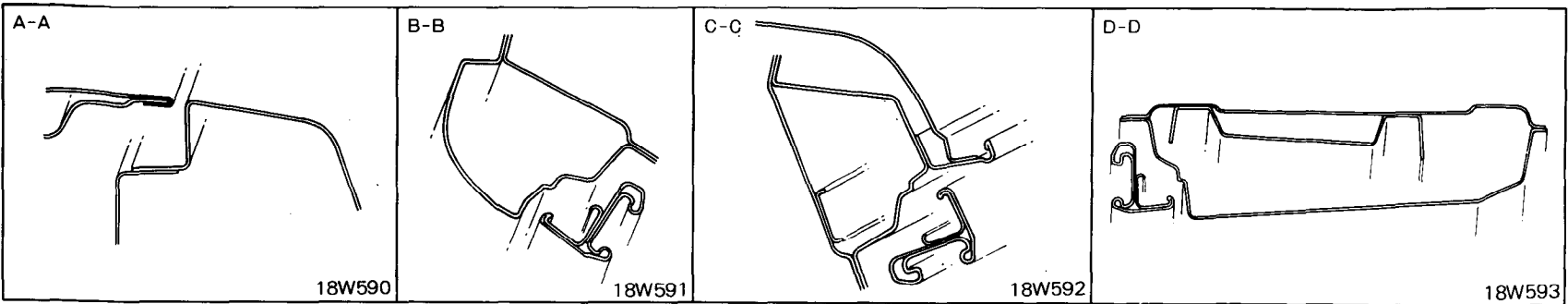




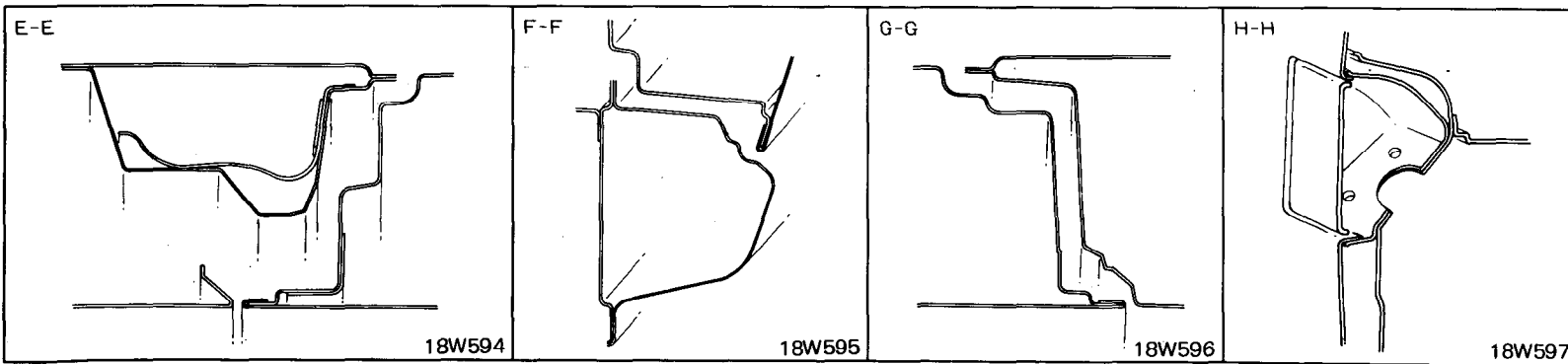
# COMPONENT SERVICE-BODY PANELING





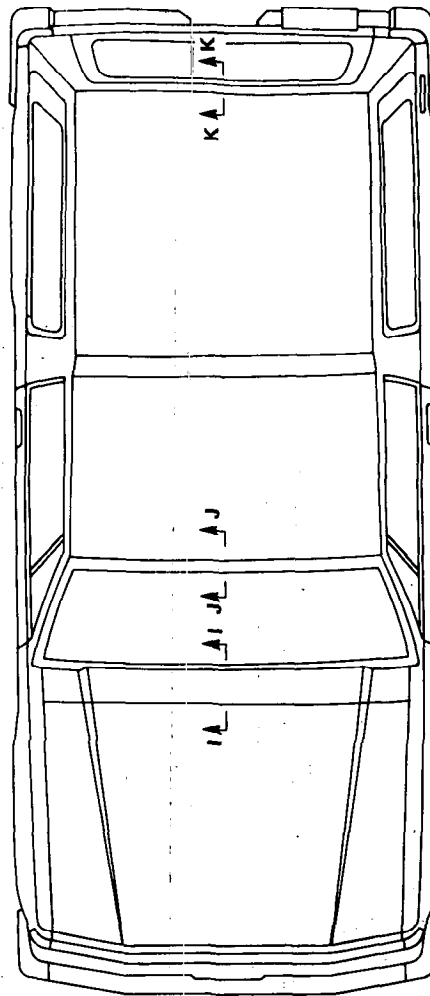
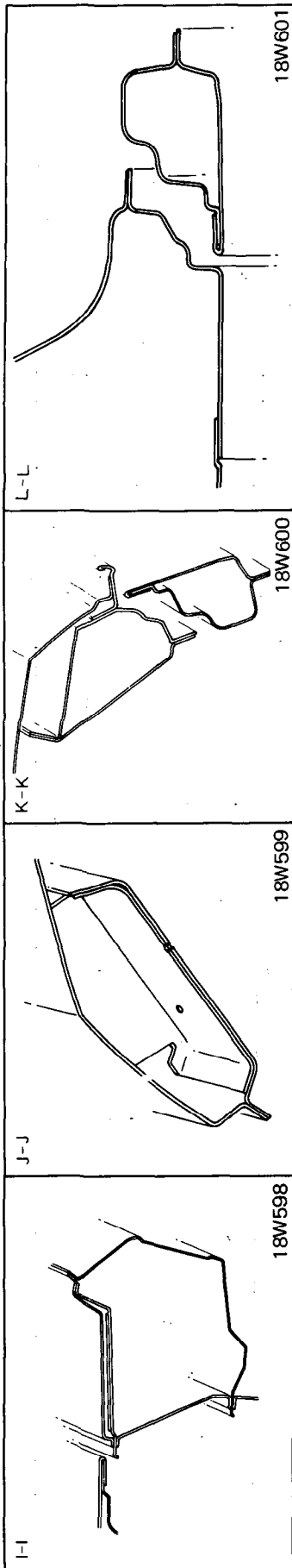


18W589

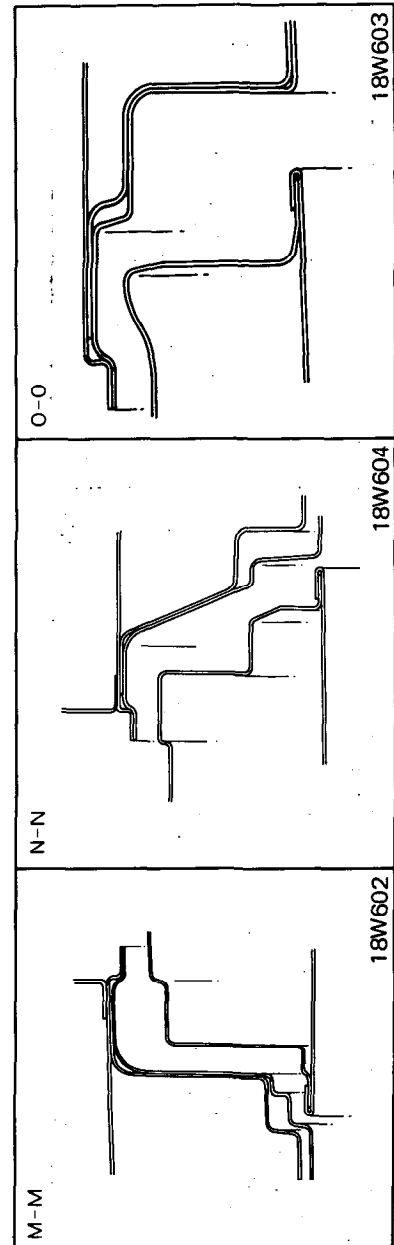




# COMPONENT SERVICE-BODY PANELING

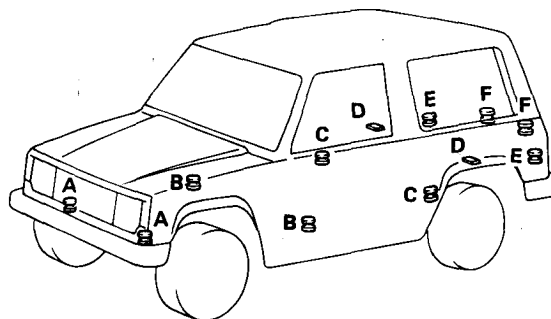


18W589





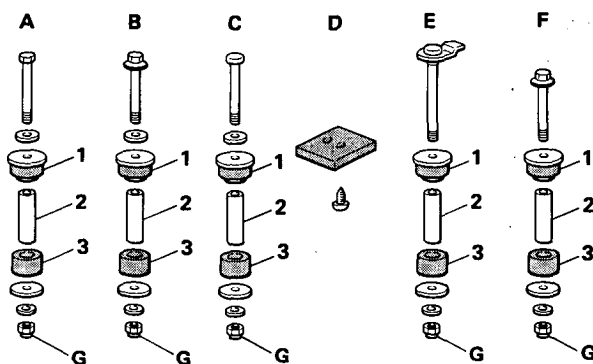
## COMPONENTS



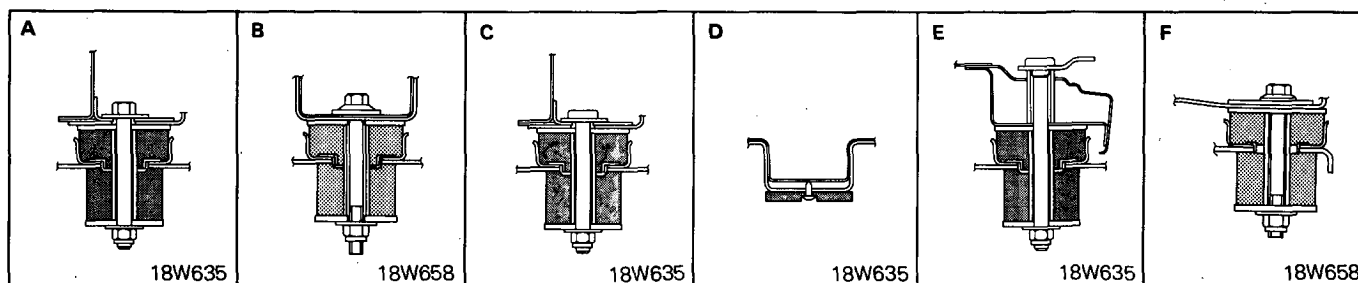
18W663

1. Body mounting rubber A
2. Spacer
3. Body mounting rubber B

	Nm	ft.lbs.
G	28-32	20-23



18W659





## COMPONENT SERVICE-MOUNTING

### REMOVAL

#### Engine compartment

Remove or disconnect the following parts.  
(Refer to GROUP 9.)

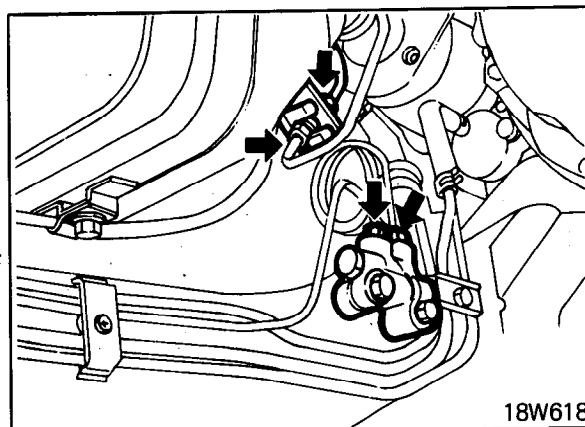
- (1) Air cleaner
- (2) Accelerator cable
- (3) Vapor hose
- (4) Heater hoses
- (5) Brake booster vacuum hose
- (6) Starter motor wiring harness
- (7) Alternator wiring harness
- (8) Engine ground (on body side)
- (9) Fuel cut solenoid valve connector
- (10) E.S.S. solenoid valve connector
- (11) High-tension cable
- (12) Water temperature gauge connector
- (13) Power steering pump
- (14) Oil pressure switch harness
- (15) Radiator assembly

For California (can also be sold in Federal States):

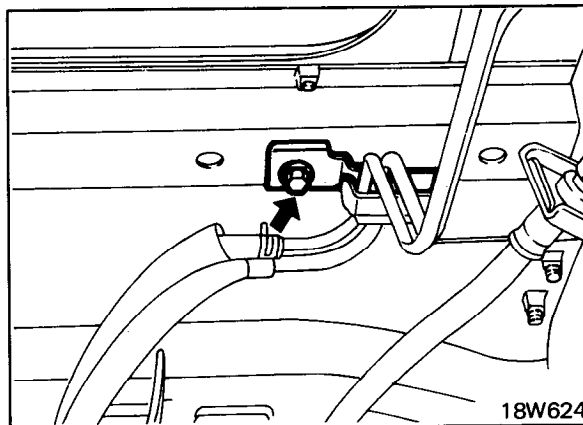
- (16) Oxygen sensor connector
- (17) Carburetor control wiring harness
- (18) Air temperature sensor connector
- (19) Water temperature sensor connector

#### Under body and rear of body

1. Disconnect the hydraulic clutch hoses from the body.
2. Disconnect the brake pipes and BPV (blend proportioning valve). (18W618)
3. Remove the steering shaft from the steering gear box.  
(Refer to GROUP 19.)

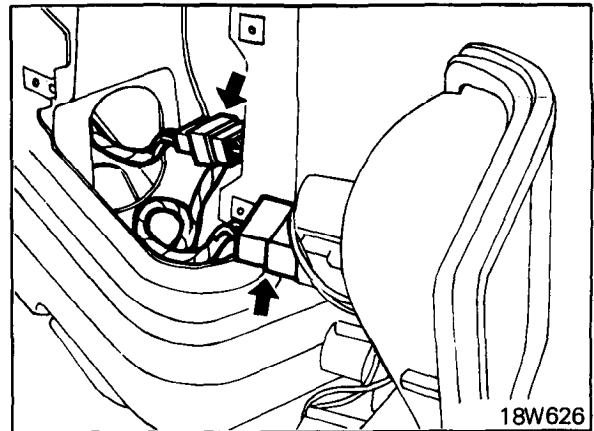


4. Drain the brake fluid and detach the brake pipe from the upper arm post. (Refer to GROUP 2.)
5. Disconnect the speedometer cable from the transmission.
6. Disconnect the backup light switch and 4WD indicator light switch connectors from the transmission.
7. Remove the fuel pipe mounting bolts. (18W624)

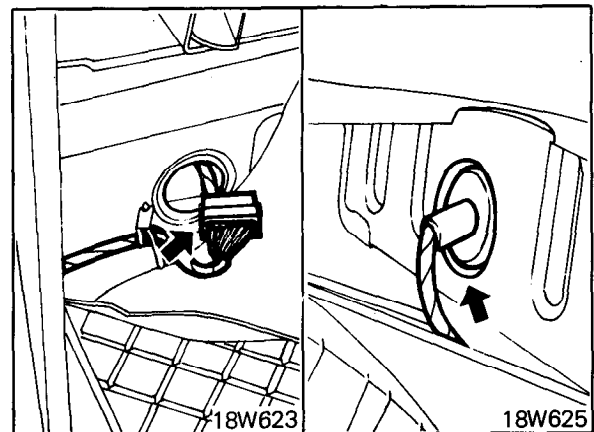
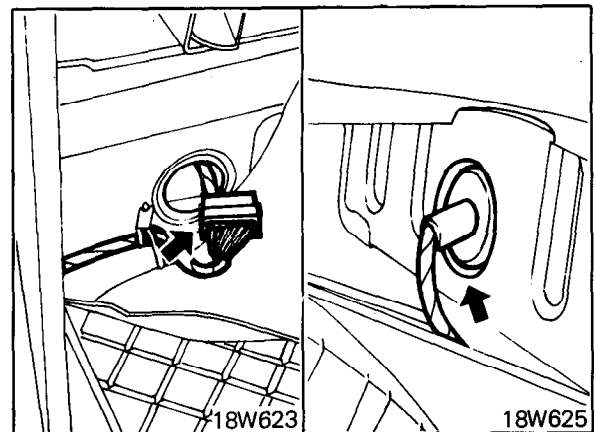




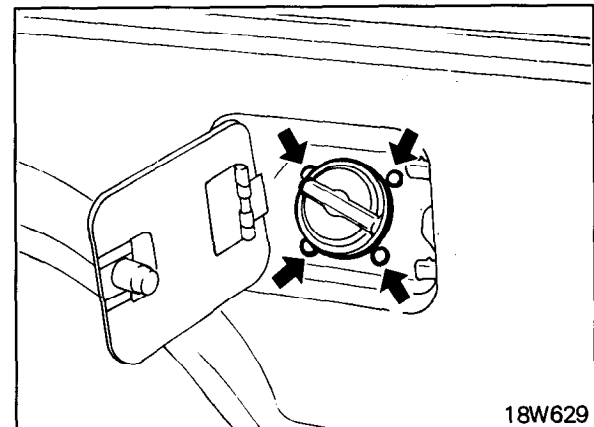
8. Remove the mud guards.
9. Remove the filler hose protector and disconnect the 2-way valve from the vapor hose located on the back of the protector. (Refer to GROUP 14.)
10. Remove the rear combination lights and disconnect the connectors. (18W626)
11. Push the grommets out downward.



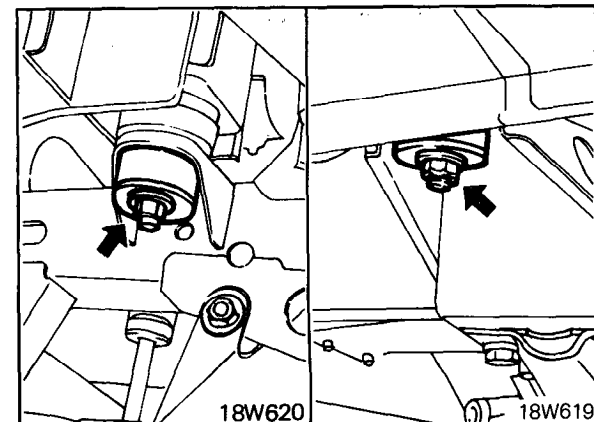
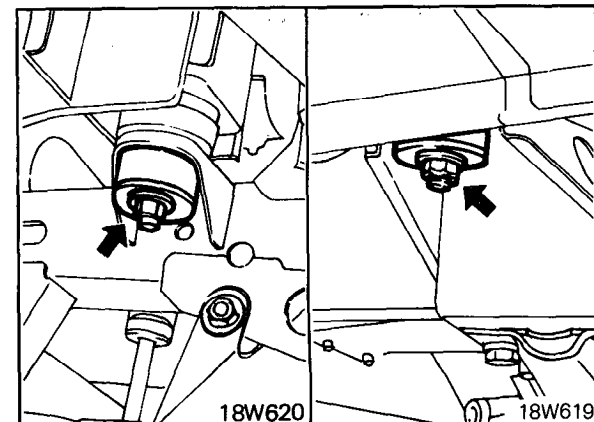
12. Disconnect the front harness and frame harness. (18W623)
13. Remove the frame harness grommet. (18W625)



14. Remove the filler neck from the body.

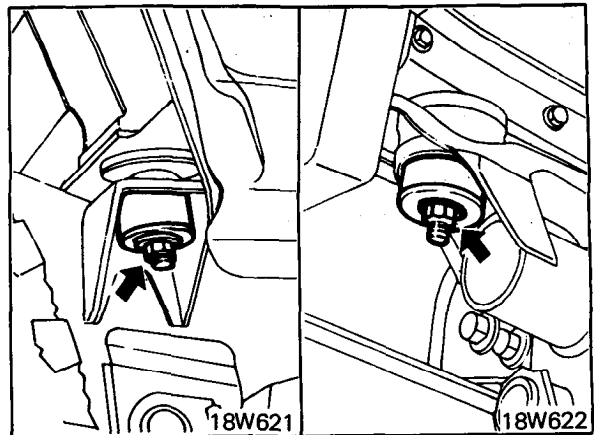


15. Remove the transmission gearshift lever and transfer gearshift lever. (Refer to GROUP 21.)
16. Disconnect the parking brake cable from the parking brake lever.
17. Remove the parking brake cable mounting bolts from the floor. (Refer to GROUP 5.)
18. Remove the body mounting bolts. (18W619, 18W620, 18W621, 18W622)

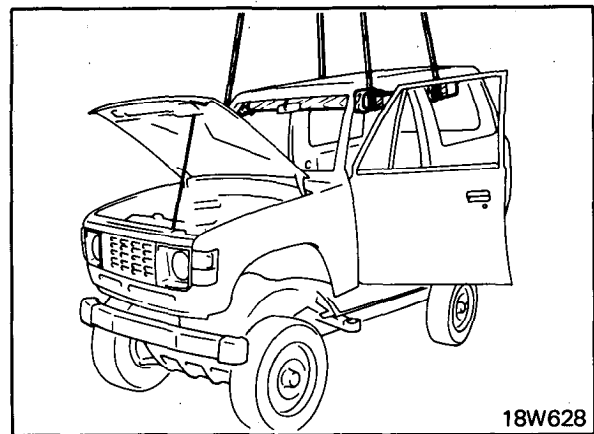




## COMPONENT SERVICE-MOUNTING/HOOD



19. Remove the front and rear seats.
20. Remove the washer tank.
21. Insert wood blocks into the body and slowly lift with a crane. (18W628)

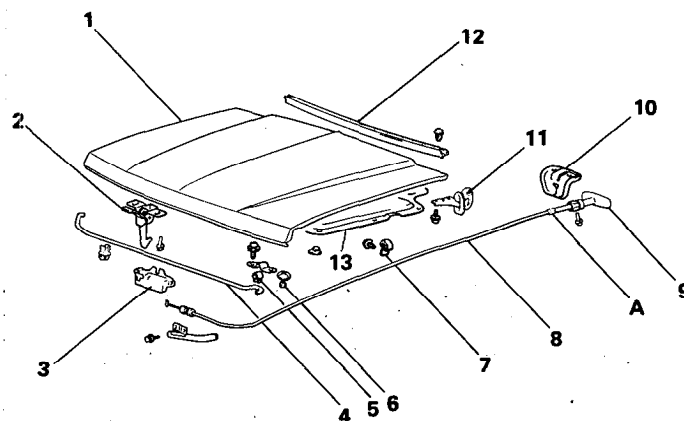


## HOOD

### COMPONENTS

1. Hood panel
2. Hood hook
3. Hood lock
4. Hood support rod
5. Rod bushing
6. Hood bumper
7. Hood damper
8. Hood release cable
9. Hood release knob
10. Release cable bracket
11. Hood hinge
12. Hood rear weatherstrip
13. Hood heat protector (metal-top vehicle)

	Nm	ft.lbs.
A	3.5-4.0	2.5-2.9

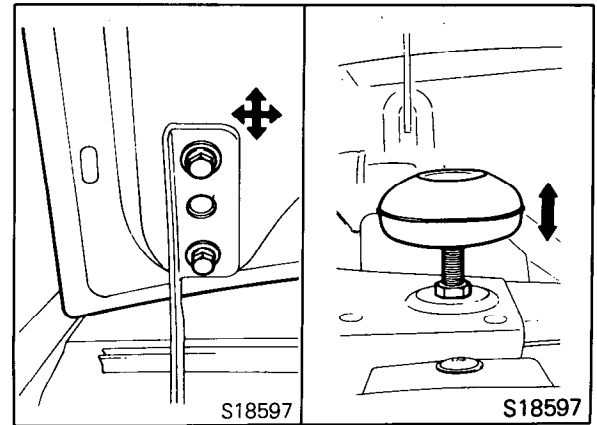




## ADJUSTMENT

### Hood

1. Adjust the longitudinal and lateral positions of the hood by utilizing the oblong holes in the hinges. (S18597)
2. Adjust the vertical position of the hood by adjusting the hood bumpers. (S18597)

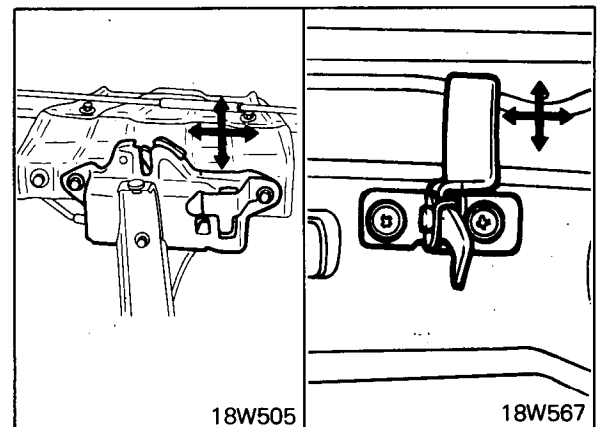


### Hood Lock and Hood Catch

1. Loosen the hood lock and hood catch stay mounting screws.
2. Adjust the position of the hood lock and hood catch so that they are in proper alignment with the hook. (18W505, 18W567)

#### NOTE

Apply chassis grease to the sliding part, the rotating part and the spring of the hood lock.



## HOOD HINGE REPLACEMENT

To replace the hood hinges, use a hood hinge kit and follow these procedures:

1. Remove the hood from the hood hinges.

#### Caution

Protect the front deck with a rag so that the hood protrusions do not damage it.

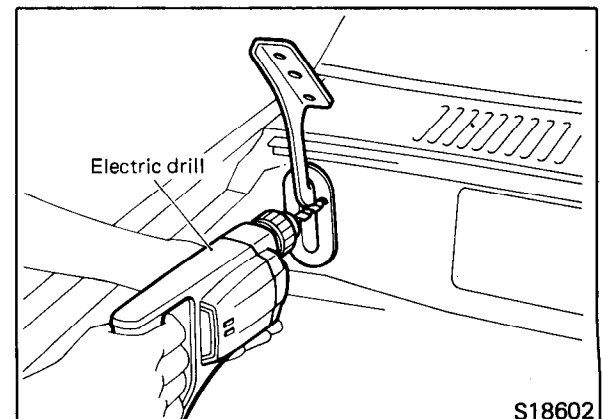
2. Remove the hood hinges. Use an 8 mm (.32 in.) drill to break the spot welds which fasten the hinges to the front deck.

#### Caution

Be careful not to drill holes in the deck panel.

#### NOTE

After removing the hinges, make sure that the hinge mounting surfaces on the front deck are flat and level.

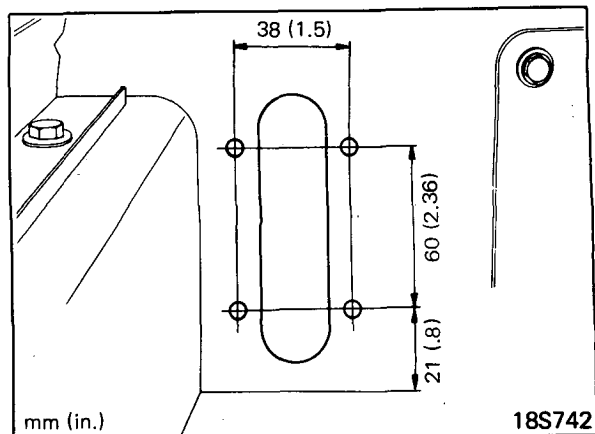


S18602



## COMPONENT SERVICE-HOOD/FUEL FILLER DOOR

3. Mark the hinge mounting positions on the front deck with a center punch as illustrated. (18S742)
4. Drill the holes, using an 8 mm (.32 in.) drill.

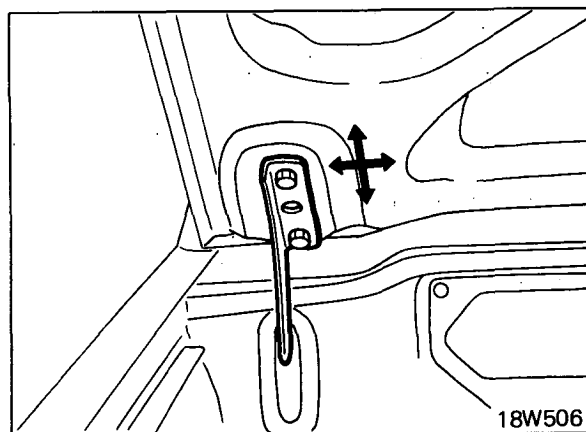


5. Remove the access hole cover and the wiper motor. (Refer to GROUP 8.)  
Insert the brackets from the inside of the front deck, install the hinges, and loosely install the nuts.

### NOTE

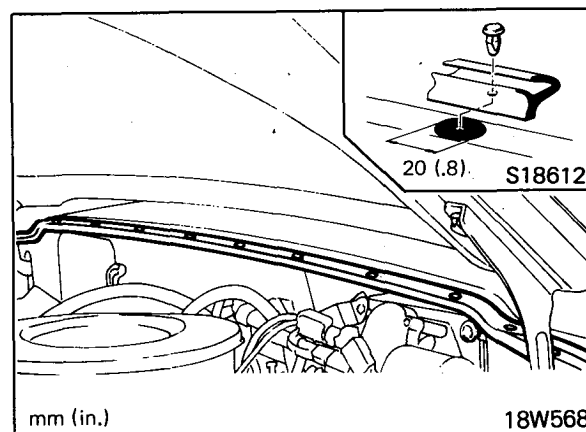
Hinge installation will be facilitated if adhesive, 3M Super Weatherstrip Adhesive 8001 is applied to the surfaces of the brackets in contact with the front deck.

6. Install the hood.
7. Adjust the hood alignment. (18W506)



## HOOD REAR WEATHERSTRIP REPLACEMENT

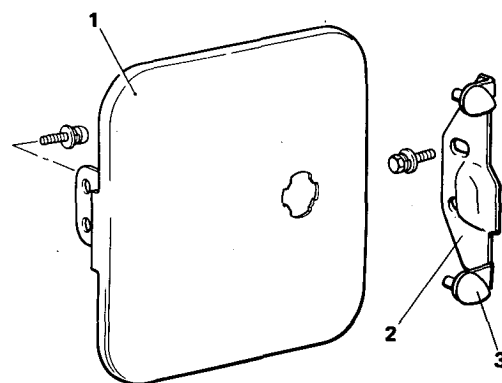
1. Remove the hood rear weatherstrip mounting clips.
2. Remove the hood rear weatherstrip.
3. Apply a drying sealant to and around the two hood rear weatherstrip mounting holes at the right and left ends of the front deck. (18W568)
4. Install the hood rear weatherstrip.



## FUEL FILLER DOOR

### COMPONENTS

1. Fuel filler door panel
2. Fuel filler door hook
3. Damper



18W551

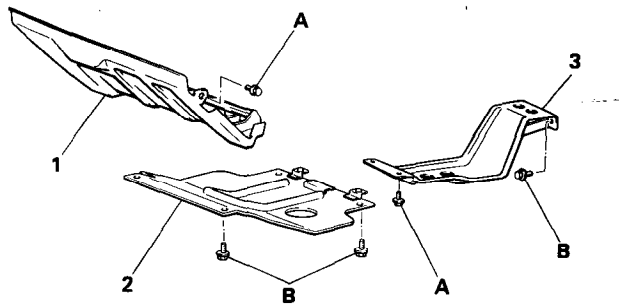




## COMPONENTS

1. Under skid plate
2. Under cover
3. Transfer case protector

	Nm	ft.lbs.
A	18-25	13-18
B	10-13	7-9

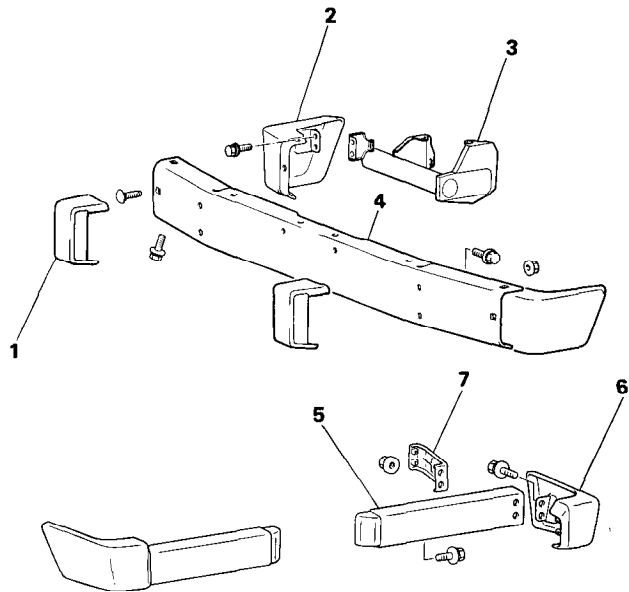


18W654

## BUMPERS

### COMPONENTS

1. Bumper guard
2. Front bumper side
3. Bumper stay assembly
4. Front bumper center
5. Rear bumper center
6. Rear bumper side
7. Rear bumper side support

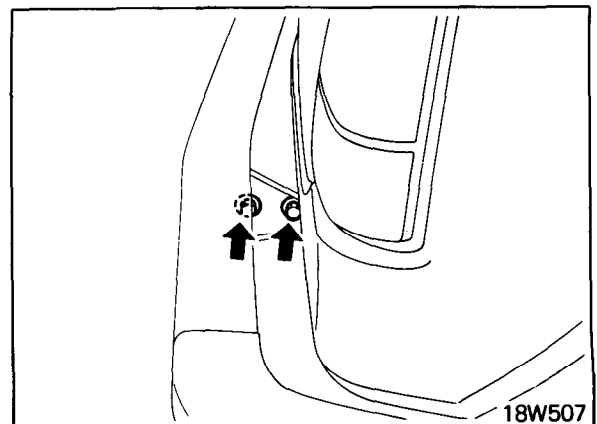


18W662

## REMOVAL

### Front Bumper

Remove the front bumper from the frame.



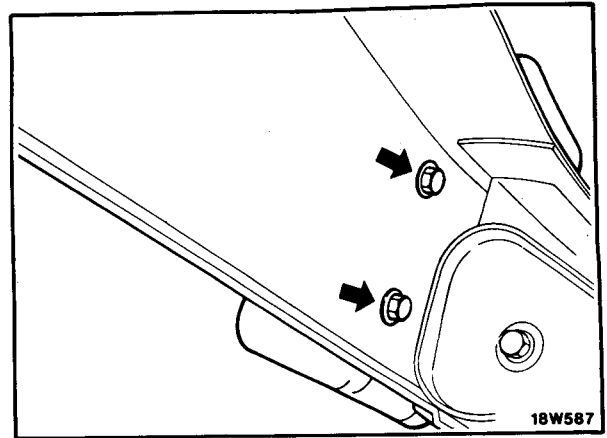
18W507



## COMPONENT SERVICE-BUMPERS

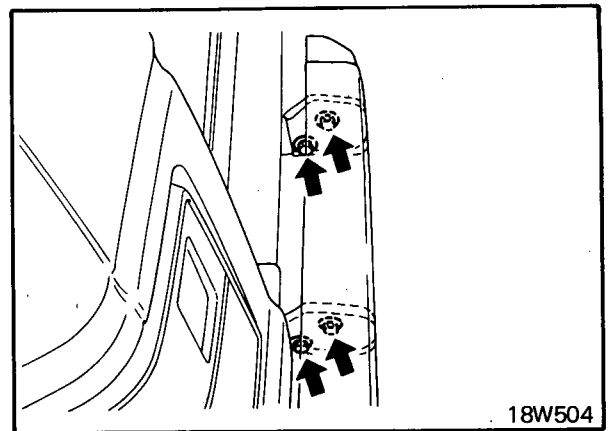
### Bumper Guard

Remove the bumper guard from the center of the front bumper.



### Rear Bumper

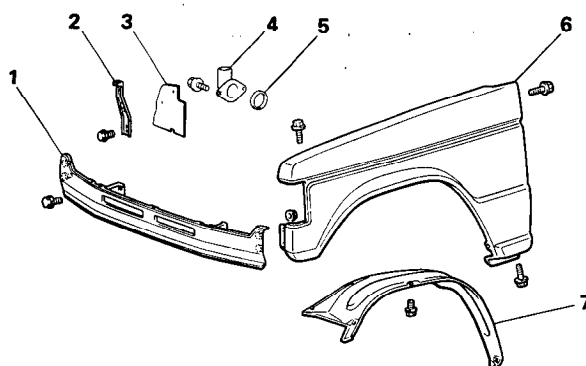
Remove the rear bumper from the frame.





## COMPONENTS

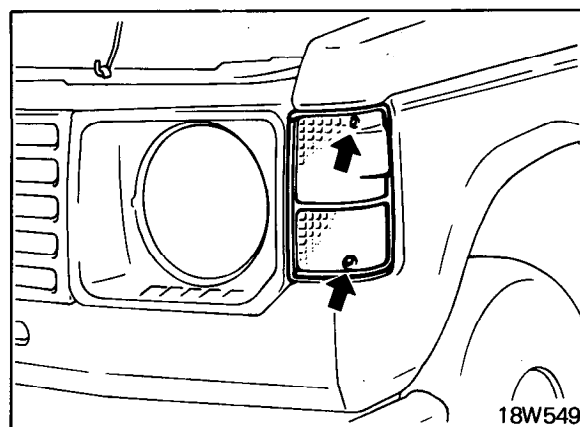
1. Grille filler panel
2. Hood catch stay
3. Waterproof pad
4. Air duct
5. Rubber packing
6. Front fender
7. Splash shield



18W632

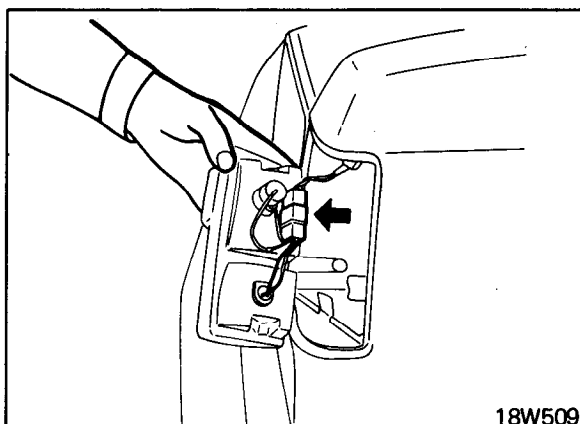
## REMOVAL

1. Remove the front combination light mounting screws.



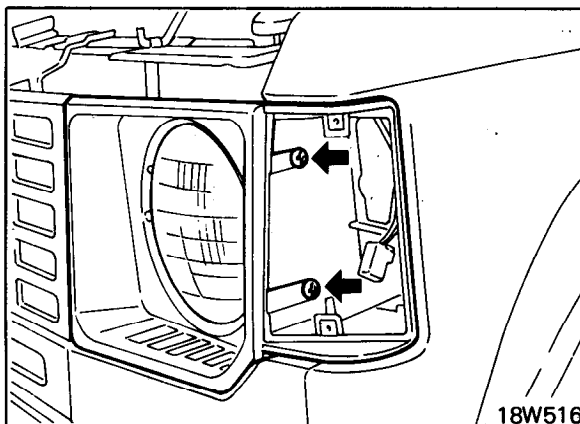
18W549

2. Disconnect the front combination light connector and remove the front combination light.



18W509

3. Remove the headlight bezel.



18W516

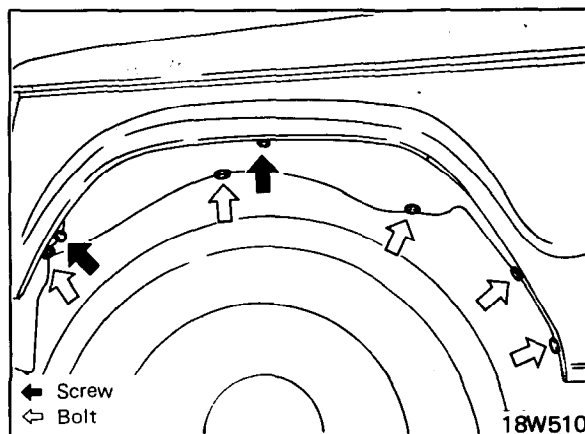


## COMPONENT SERVICE-FENDERS

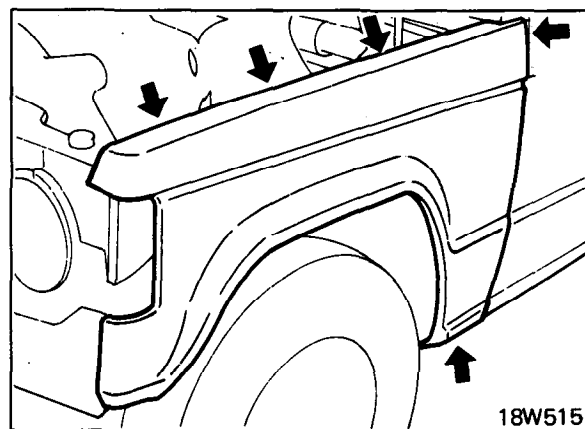
4. Remove the radiator grille. (Refer to p. 23-21.)
5. Remove the grille filler panel. (18W514)



6. Remove the mud guard.
7. Remove the splash shield. (18W510)

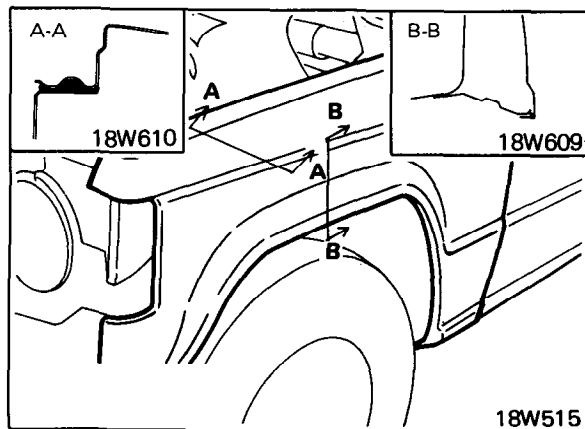


8. Remove the hood damper.
9. Remove the front fender. (18W515)



### INSTALLATION

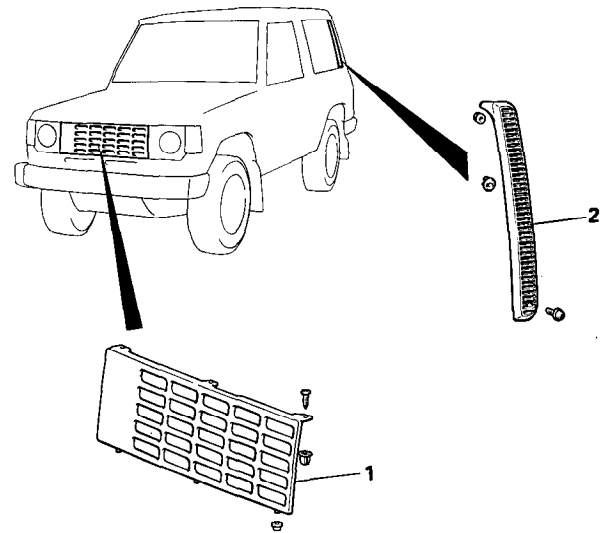
1. Apply a non-drying sealant to the flange part of the fender when installing the splash shield. (18W515)
2. Apply a non-drying sealant to the entire top part of fender. (18W515)
3. Mount the fender temporarily in position, make sure that clearance is uniform at all points, and then tighten it securely.





## COMPONENTS

1. Radiator grille
2. Air outlet garnish

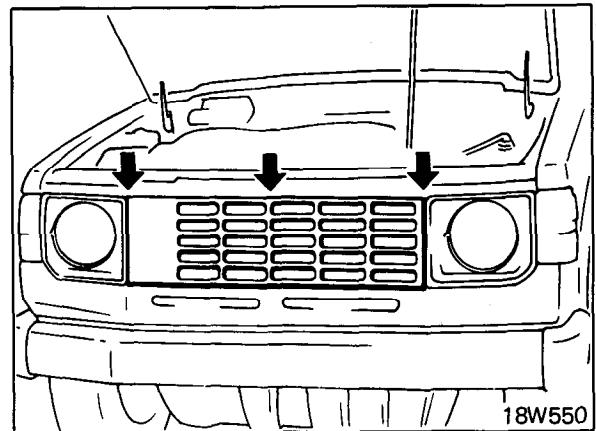


18W577  
18W633

## REMOVAL

### Radiator Grille

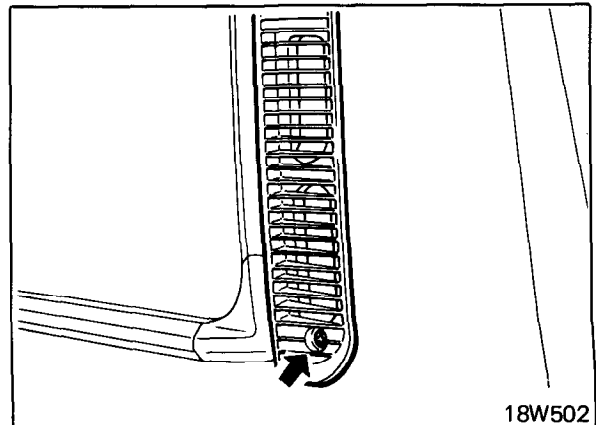
Remove the radiator grille mounting screws, and then remove the radiator grille upward.



18W550

### Air Outlet Garnish

1. Remove the air outlet garnish mounting screws. (18W502)
2. Remove the rear pillar trim. (Refer to p. 23-59.)

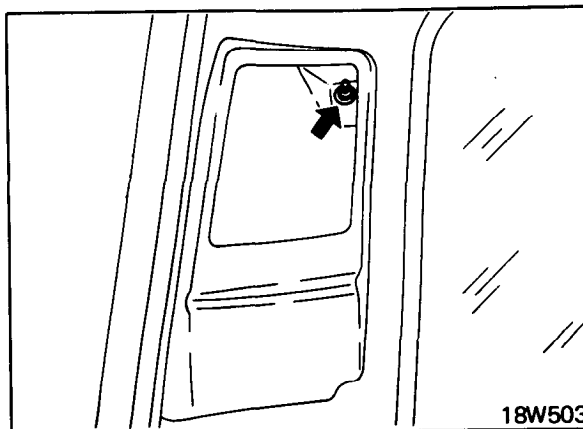


18W502



## COMPONENT SERVICE-GRILLE AND MOULDINGS/ MUD GUARD

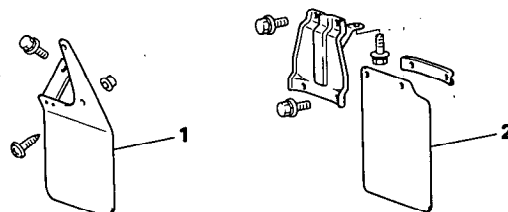
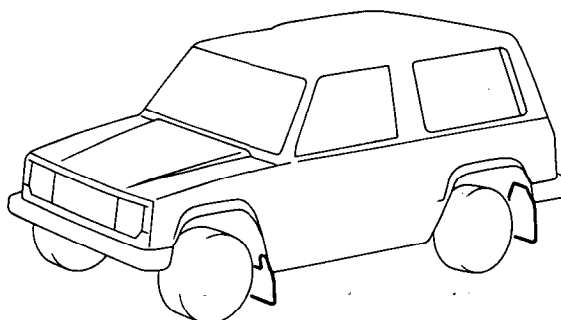
3. Remove the air outlet garnish mounting nuts, and then remove the air outlet garnish.



### MUD GUARD

#### COMPONENTS

1. Front mud guard
2. Rear mud guard

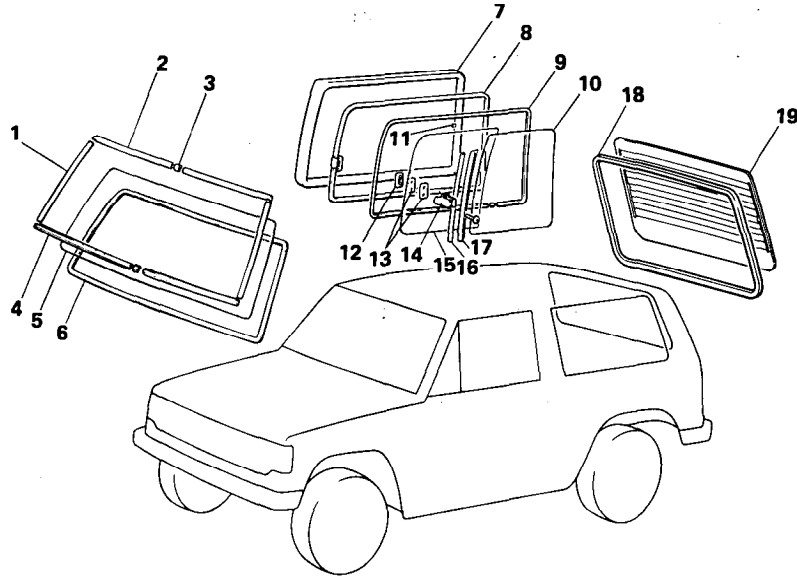


18W664  
18W640



## COMPONENTS

1. Side moulding
2. Upper moulding
3. Moulding joint
4. Lower moulding
5. Windshield glass
6. Windshield weatherstrip
7. Quarter window weatherstrip
8. Quarter window sash
9. Quarter window runchannel
10. Quarter window glass, rear
11. Stopper
12. Connector
13. Packing
14. Side glass lock
15. Quarter window glass, front
16. Holder
17. Rear door window rubber seal
18. Back door window weatherstrip
19. Back door window glass

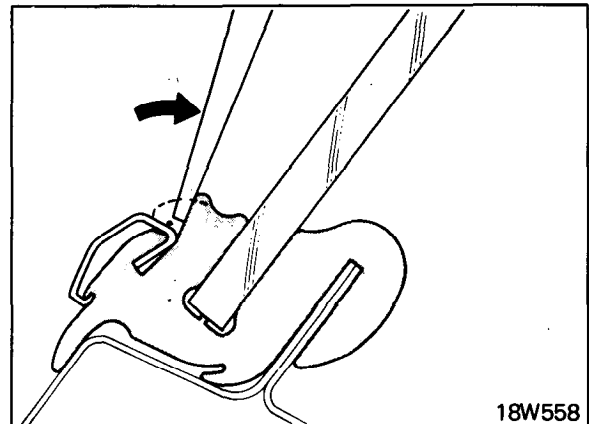


18W636

## WINDSHIELD GLASS

### Removal

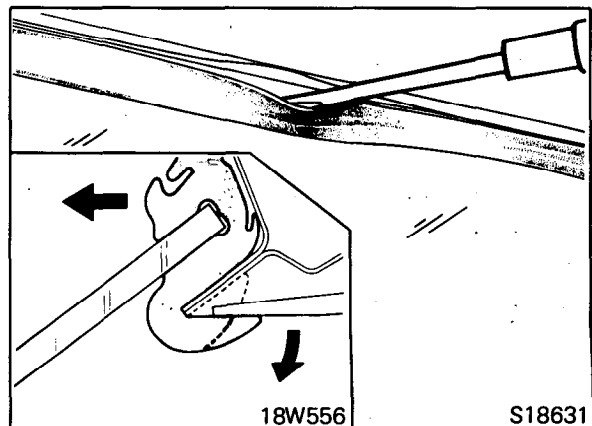
1. Remove the wiper arms, dome light and sun visors.
2. Using a screwdriver, push the upper moulding joint to the right or left until the moulding ends appear.
3. Insert the screwdriver between the jointed ends of the moulding and pry them out of the weatherstrip. Then remove the moulding by hand. (18W558)



4. Insert the screwdriver in weatherstrip lip, slide the screwdriver along the lip, and push the windshield glass outward. (18W556, S18631)

### Inspection

Check for deformation of body flange.





## COMPONENT SERVICE-WINDOW GLASS

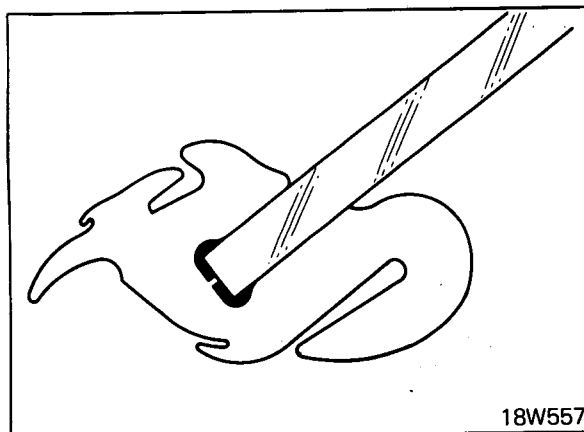
### Installation

1. Coat the weatherstrip with recommended adhesive and fit it onto the windshield glass.

Recommended adhesive .....  
3M Super Weatherstrip Adhesive 8001 or equivalent

### NOTE

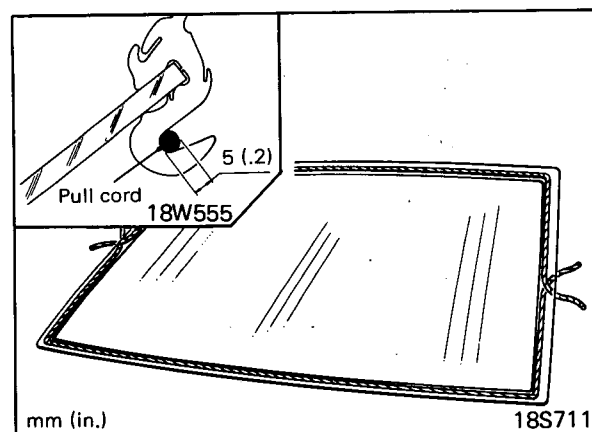
Be sure to use new weatherstrip.



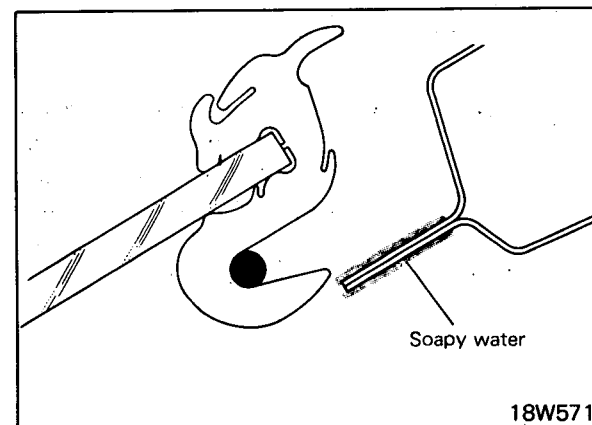
2. Insert a pull cord into the weatherstrip groove.

### NOTE

Make certain that the cords overlap each other at both ends.



3. Apply soapy water to the entire periphery of the body flange.
4. Place the glass in position from outside with the cords placed inside the passenger compartment.



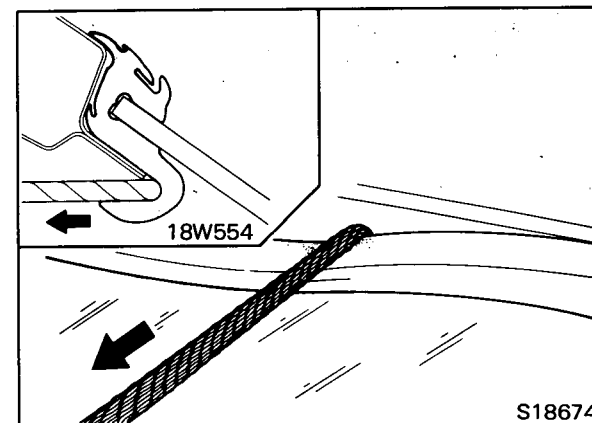
5. With the aid of an assistant to push the glass from outside, slowly pull one end of the cord at right angles to the windshield glass and fit the lips of the weatherstrip correctly on the windshield flange.

### NOTE

Pull the cords, working from both sides of the glass toward the center and tapping the glass.

### Caution

Tap the glass repeatedly until it is lightly held against the body flange surface.



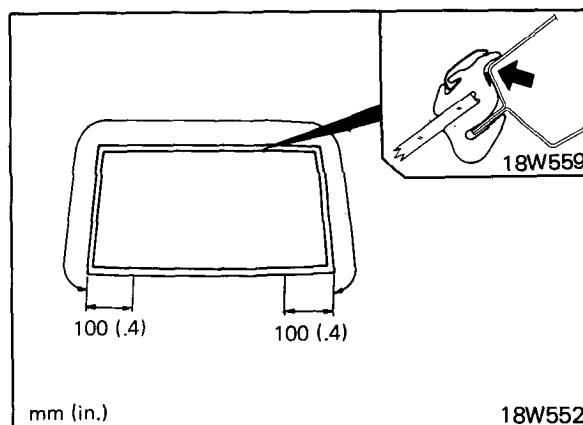




6. Apply recommended adhesive generously between the weatherstrip and body flange.

Recommended adhesive .....  
3M Super Weatherstrip Adhesive 8001 or equivalent

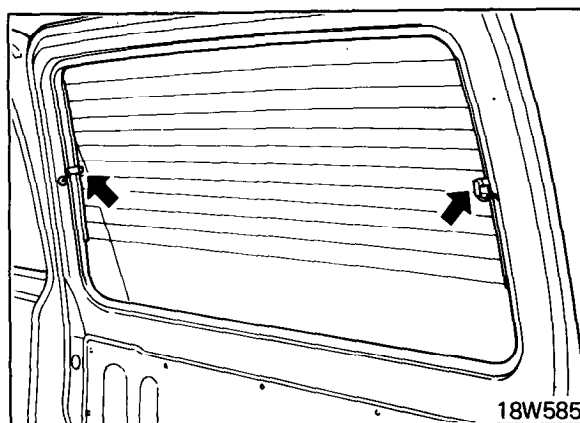
7. Mount the mouldings and the moulding joints onto the weatherstrip.



## BACK DOOR WINDOW GLASS

### Removal

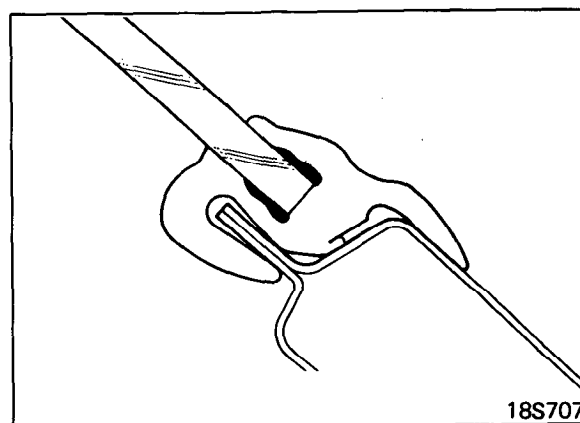
1. Remove the defogger terminal. (18W585)
2. Remove the rear wiper arm. (Refer to GROUP 8.)
3. Remove the weatherstrip and then remove the window glass.



### Installation

Apply recommended adhesive to the weatherstrip.

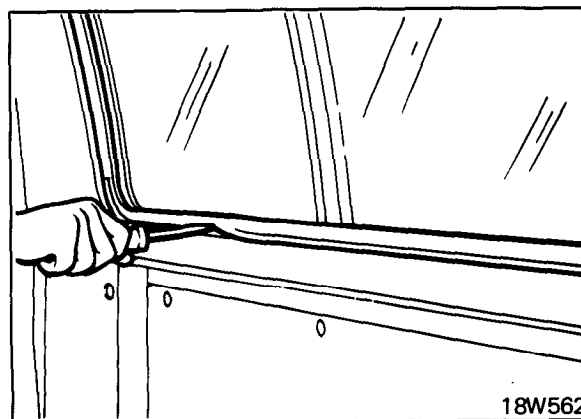
Recommended adhesive .....  
3M Super Weatherstrip Adhesive 8001 or equivalent



## QUARTER WINDOW GLASS

### Removal

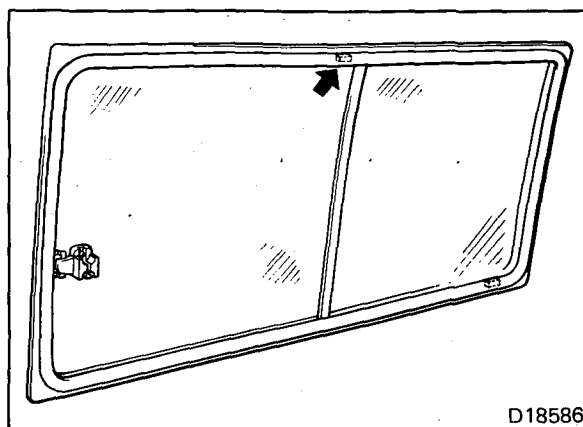
1. With the glass in position, push the quarter window assembly outward while raising the lip of the weatherstrip along the periphery.



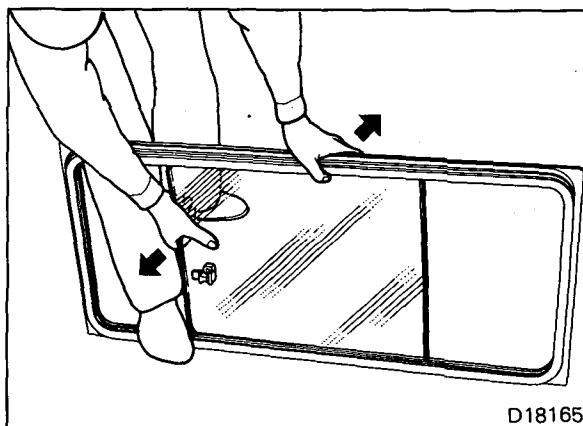


## COMPONENT SERVICE-WINDOW GLASS

2. Remove the stopper.

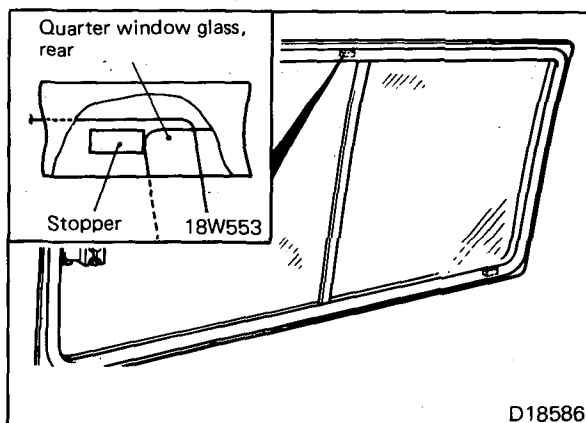


3. Move the quarter window glass to the middle position and remove it after removing the weatherstrip.



### Installation

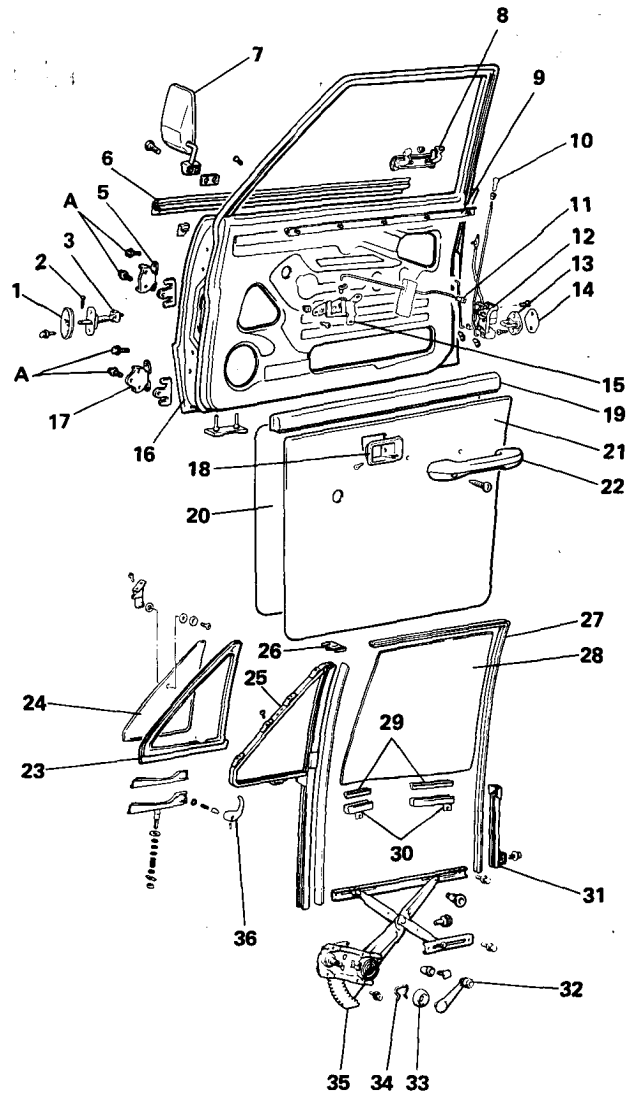
1. After the quarter window rear glass has been installed, install the stopper by applying a drying type adhesive.
2. Follow the same installation procedure as for the windshield glass. (Refer to p. 23-24 and p. 23-25.)





## COMPONENTS

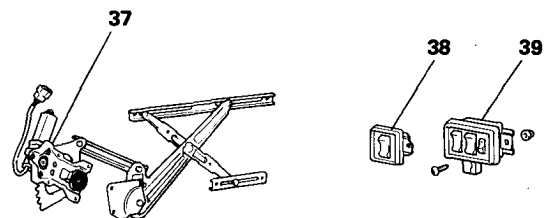
1. Door check cover
2. Spring pin
3. Door check
4. Door hinge shim
5. Door upper hinge
6. Weatherstrip, outer
7. Door mirror
8. Outside handle
9. Weatherstrip, inner
10. Inside lock knob
11. Inside handle rod
12. Door latch
13. Striker
14. Striker shim
15. Inside handle
16. Door panel
17. Door lower hinge
18. Inside handle cover
19. Door upper trim (metal-top vehicle)
20. Waterproof film
21. Door trim
22. Armrest
23. Ventilator window weatherstrip
24. Ventilator window glass
25. Ventilator sash
26. Center sash protector
27. Window glass runchannel
28. Window glass
29. Door glass pad
30. Glass holder
31. Door lower sash
32. Regulator handle
33. Escutcheon
34. Clip
35. Window regulator
36. Lock handle
37. Power window regulator
38. Sub switch (R.H.)
39. Main switch (L.H.)



18W673

	Nm	ft.lbs.
A	30-40	22-29

### Vehicles equipped with power windows



18W671

18W764

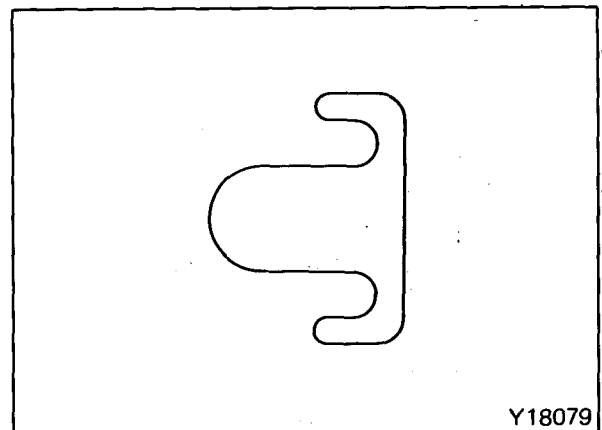
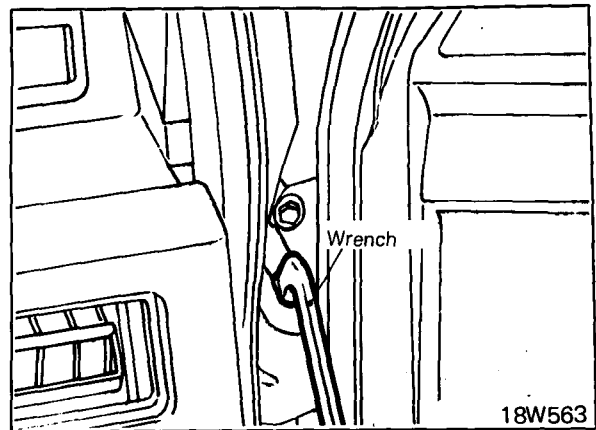


## COMPONENT SERVICE-FRONT DOORS

### ADJUSTMENT

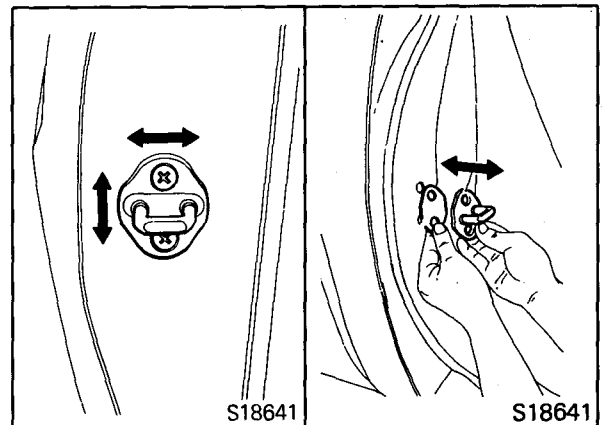
#### Door Adjustment

1. Using wrench, loosen the bolts that fasten the door hinges to the body. (18W563)
2. Move the door up and down and back and forth so that the clearance between the door and the body is uniform all around.
3. Position the door flush with the fender by increasing or decreasing the number of shim(s).



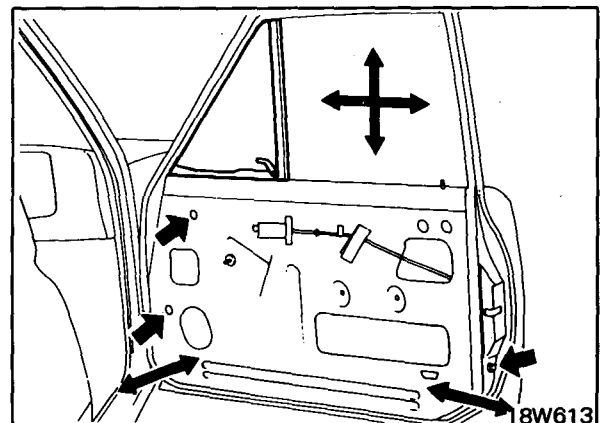
#### Door Striker Adjustment

1. Adjust the vertical and lateral positions of the door striker by moving the striker itself. (S18641)
2. Insert shim(s) as necessary to adjust the longitudinal position of the striker. (S18641)



#### Door Glass Adjustment

1. Remove the door trim and the waterproof film from the door. (Refer to p. 23-30.)
2. Loosen the screws and/or bolts which secure the ventilator window and rear lower sash.
3. With the door glass closed completely, move the ventilator window, rear lower sash and the sub roller guide to adjust the door glass position. (18W613)



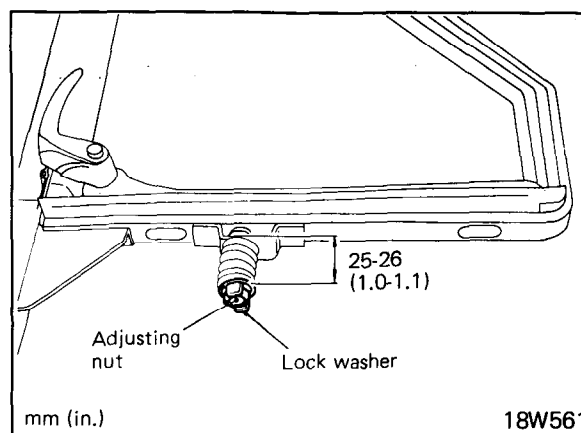


## Ventilator Window Adjustment

1. Remove the ventilator window assembly.  
(Refer to p. 23-32.)
2. Adjust the ventilator window by turning the adjusting nut so that the ventilator window can be operated smoothly.

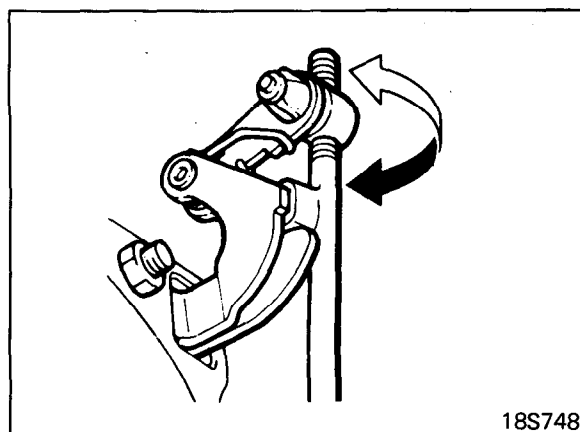
### NOTE

Lock the adjusting nut by bending the tabs of the lock washer after the adjustment.



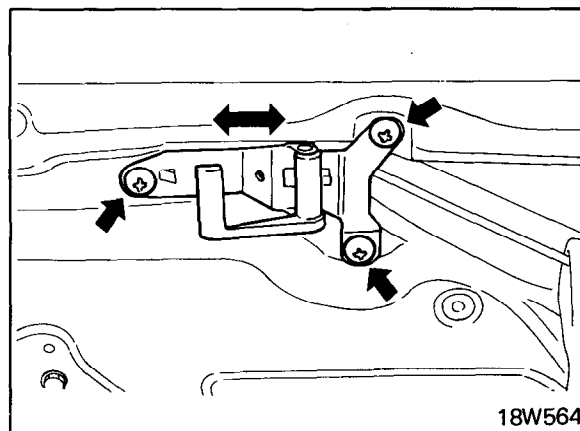
## Outside Handle Adjustment

Disconnect the outside handle from the outside handle rod, and then turn it right or left to adjust the play.



## Inside Handle Adjustment

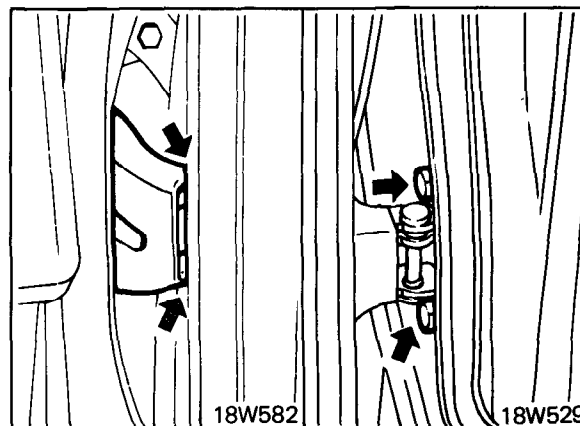
Move the inside handle to the right or left in order to adjust the play.



## REMOVAL

### Door Assembly

1. Remove the spring pin from the door check.
2. Position a jack beneath the door at the center to support it.
3. For vehicles equipped with power windows, disconnect the front harness and door harness, and then remove the door harness from the direction of the body.
4. Remove the door hinge mounting bolts from the door.  
(18W582, 18W529)
5. Remove the door assembly.

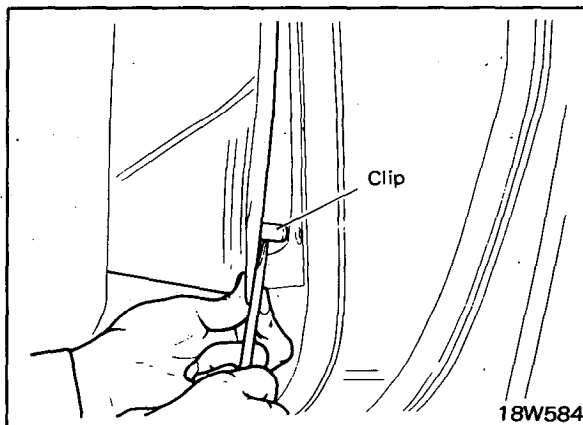
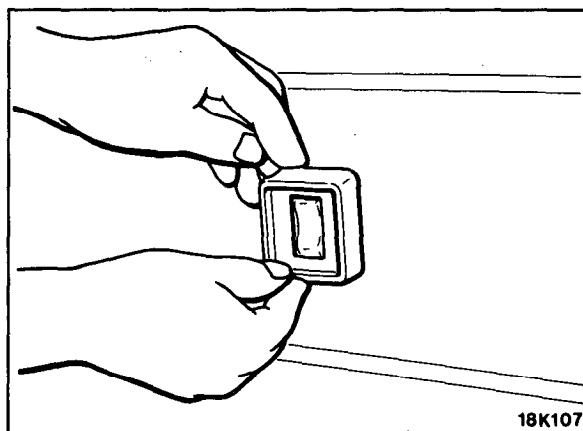
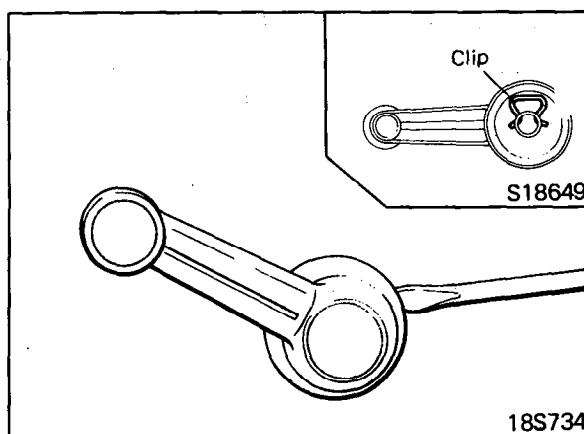
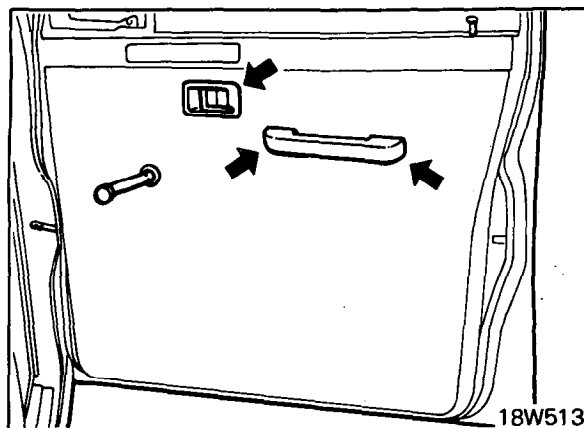




## COMPONENT SERVICE-FRONT DOORS

### Door Trim

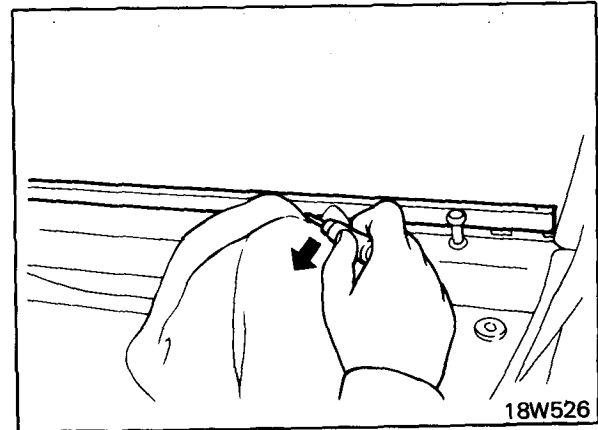
1. Remove the inside handle cover. (18W513)
2. Remove the armrest. (18W513)
3. Insert the tip of a screwdriver between the window regulator and the door trim, and remove the clip. (18S734)
4. Remove the regulator handle.
5. For vehicles equipped with power windows, remove the switch cover.
6. Using a screwdriver, pry up and detach the door trim clips. (18W584)
7. Remove the door trim.



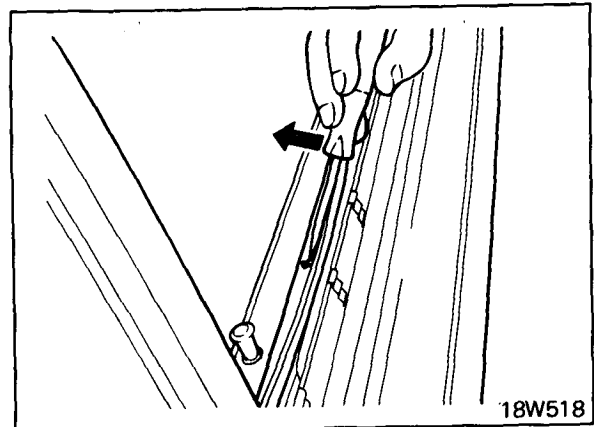


## Door Glass and Regulator

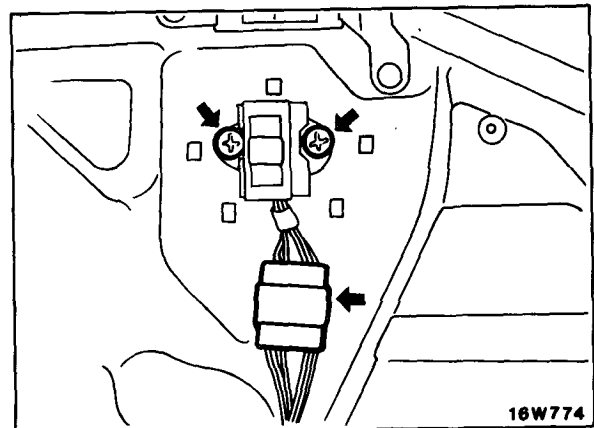
1. Remove the outer weatherstrip from the retaining clips by prying upward with a screwdriver. (18W526)
2. Remove the outer weatherstrip toward the rear.



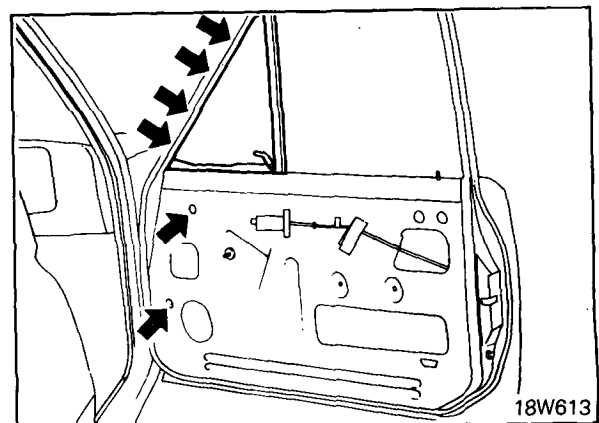
3. Remove the inner weatherstrip with a screwdriver.



4. Lower the door glass to the access hole position.
5. For vehicles equipped with power windows, remove the power window switches. (16W774)
6. Peel the waterproof film off carefully to avoid damaging it.



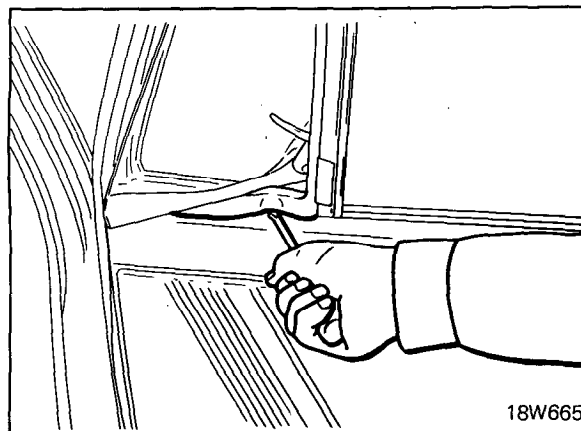
7. Remove the retaining screws and bolts from the ventilator window.



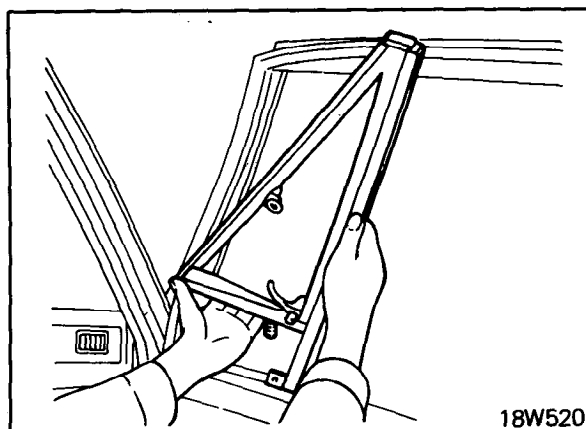


## COMPONENT SERVICE-FRONT DOORS

8. Remove any weatherstrip which is still attached to the ventilator window.



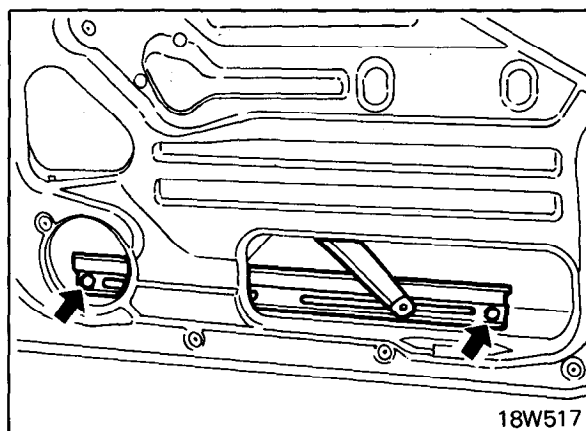
9. Remove the ventilator window by pulling upward.



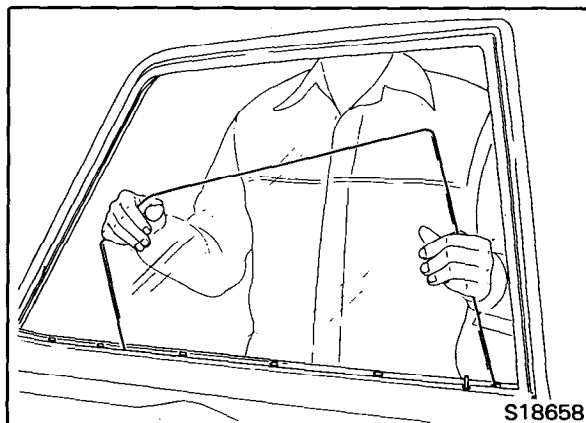
10. Remove the glass mounting bolts from the glass holder.  
(18W517)

### NOTE

When removing the glass mounting bolts, support the glass to prevent it from falling.



11. Gently remove the door glass upward while tilting it.



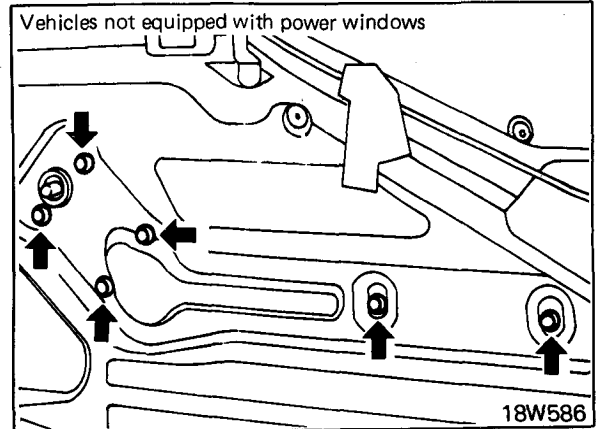




12. For vehicles not equipped with power windows, remove the regulator assembly mounting bolts.

## NOTE

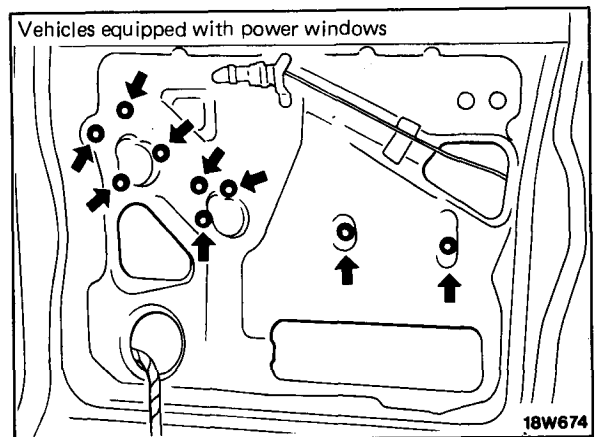
Hold the regulator assembly so that it does not fall when the bolts are removed.



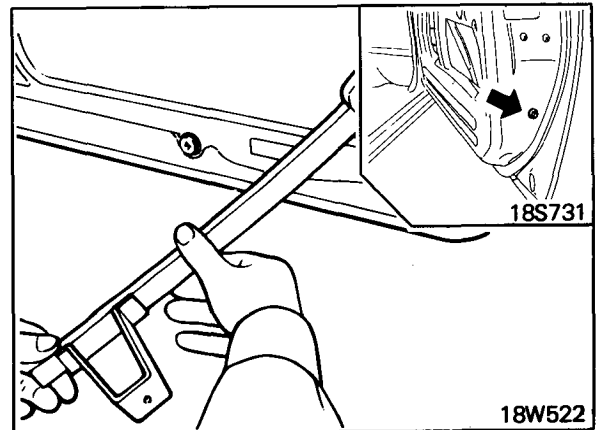
13. For vehicles equipped with power windows, disconnect the power window motor connector from the door harness, and then remove the power window regulator mounting bolts.

## NOTE

Hold the regulator assembly so that it does not fall when bolts are removed.



14. Remove the regulator assembly through the access hole.  
15. Remove the mounting bolts and remove the lower sash through the access hole. (18S731, 18W522)

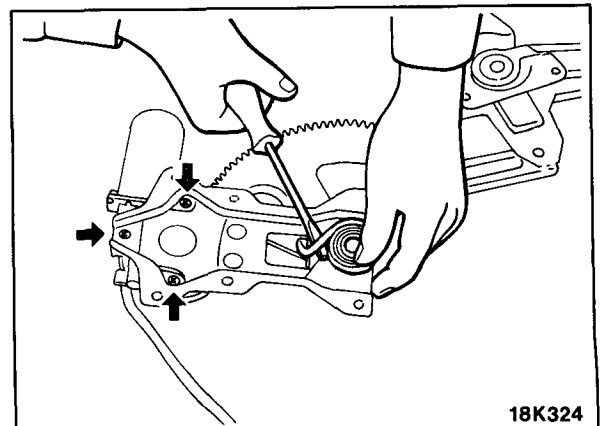


## Power Window Motor (vehicles equipped with power windows only)

Remove the power window motor from the window regulator.

## Caution

Because the force of the regulator spring may cause the regulator arm to jump up when the screws attaching the motor to the window regulator are removed, remove the regulator spring before removing the screws.





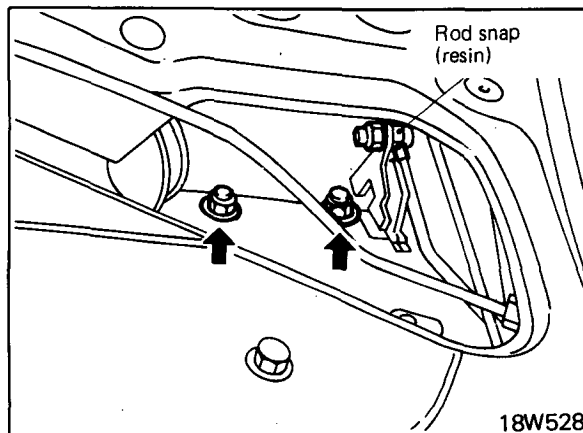
## COMPONENT SERVICE-FRONT DOORS

### Door Handle and Door Latch

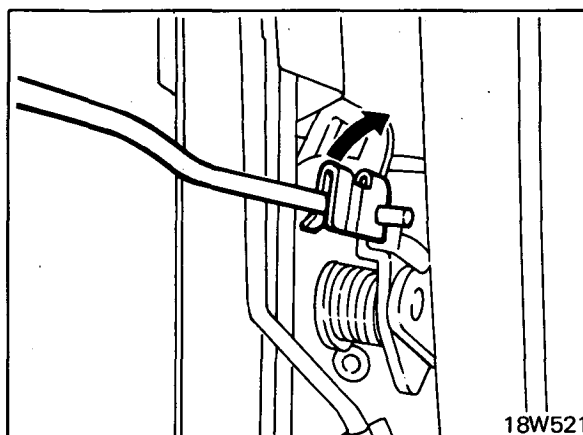
1. Disconnect the outside handle rod from the handle, and then remove the outside handle.

#### Caution

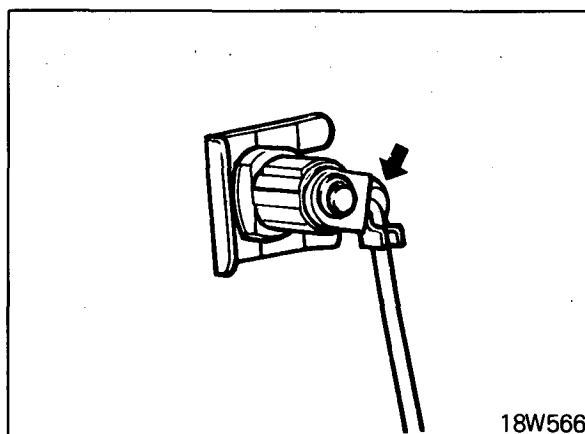
If the outside handle rod is removed, the rod snap must be replaced with a new one when the handle rod is reinstalled.



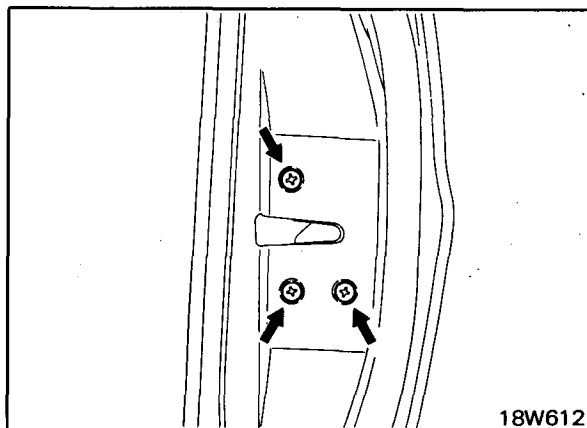
2. Disconnect the inside handle rod from the latch, and then remove it with the inside handle.



3. Disconnect the outside lock rod from the lock cylinder. (18W566)
4. Remove the lock cylinder retainer, and the lock cylinder.



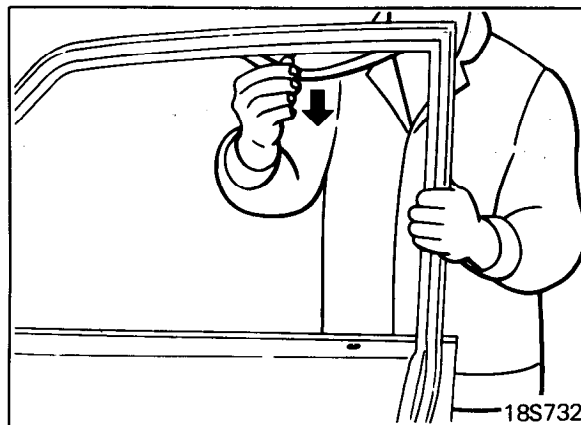
5. Remove the door latch assembly and rods.





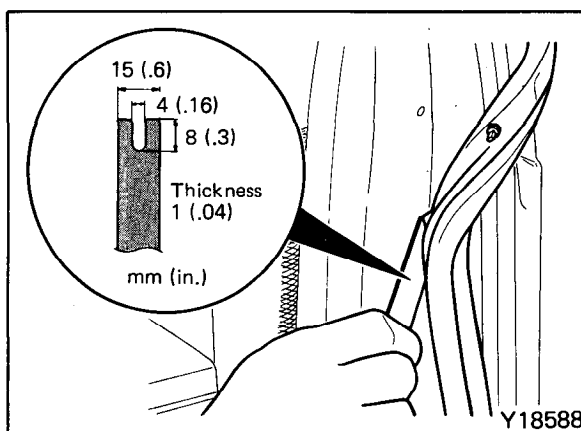
## Door Glass Runchannel

Remove the window glass runchannel by pressing both sides with your fingers.



## Door Opening Weatherstrip

Remove the door opening weatherstrip with the tool shown in the illustration.



## INSPECTION

1. Check door hinges for cracks, damage, or abnormal noise.
2. Check door hinge attaching bolts for looseness.
3. Check mouldings for cracks or damage.
4. Check door panel for damage or deformation.
5. Check door regulator for wear or damage.
6. Check door glass runchannel for wear, damage, or deformation.
7. Check door inside handle and latch for wear, damage, or malfunction.

## NOTE

For the inspection procedure for the power window motor and switch, refer to GROUP 8.

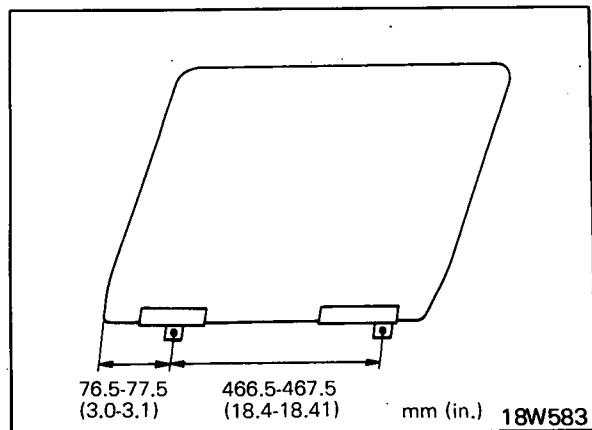


## COMPONENT SERVICE-FRONT DOORS

### INSTALLATION

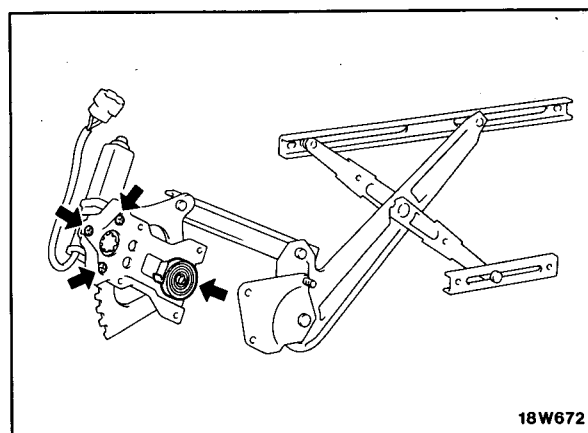
#### Window Glass

If the window glass has been removed from the glass holder, reinstall it in the position shown in illustration.



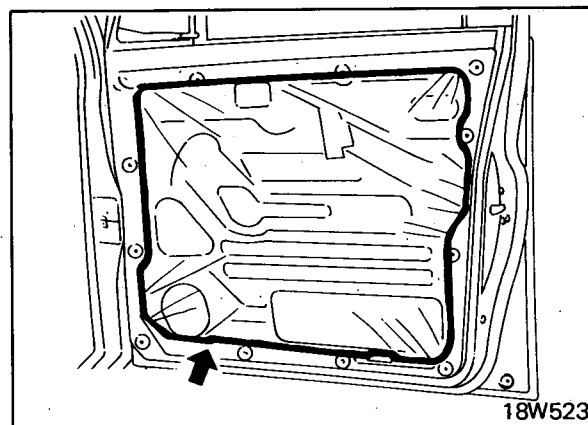
#### Power Window Regulator Motor (Vehicles equipped with power window only)

When assembling the window regulator on vehicles equipped with power windows, first install the regulator spring, and then proceed with the assembly.



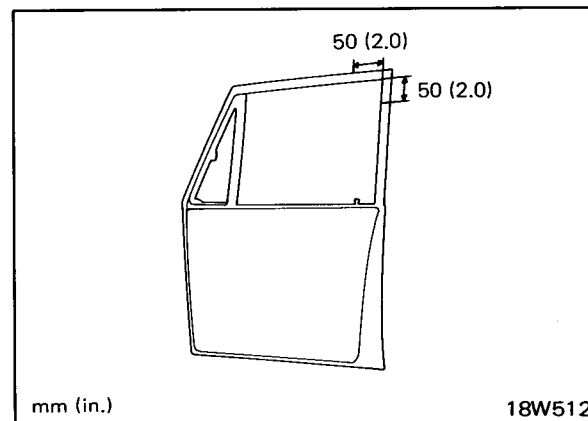
#### Waterproof Film

Apply non-drying adhesive as shown in the illustration, and then attach the waterproof film.



#### Door Runchannel

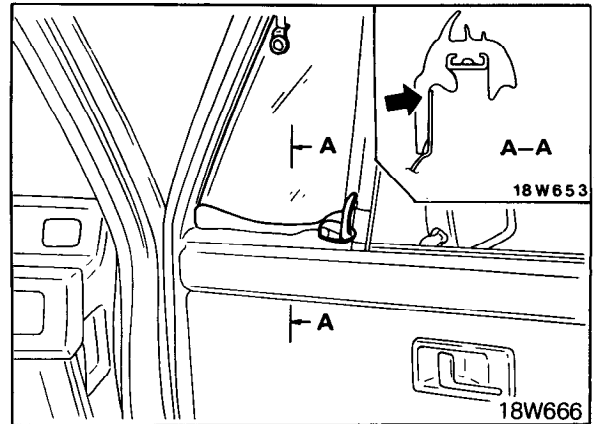
Apply a drying adhesive to the positions shown in illustration and install the door runchannel.





### Ventilator Window Weatherstrip

Apply non-drying sealant to the ventilator window weatherstrip and then mount it onto the ventilator window.



### Door Hinges

Apply chassis grease to the sliding parts of the door hinges.

### Door Regulator

Apply chassis grease to the sliding parts and rotating parts of the door regulator.

### Door Latch

Apply chassis grease to the sliding parts of the door latch.



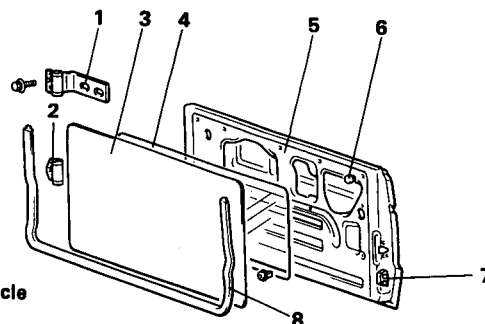
## COMPONENT SERVICE-BACK DOOR

### COMPONENTS

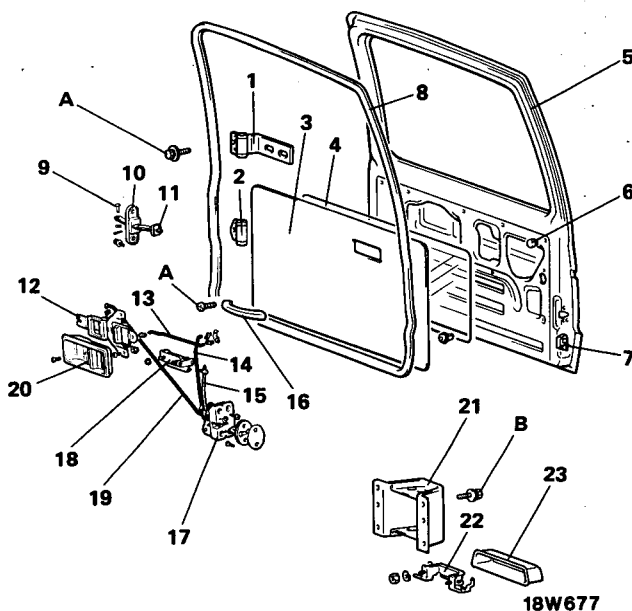
1. Door upper hinge
2. Door lower hinge
3. Door trim
4. Waterproof film
5. Door panel
6. Cushion rubber
7. Bumper rubber
8. Door opening weatherstrip
9. Clevis pin
10. Door check cover
11. Door check
12. Inside handle
13. Inside lock rod
14. Outside lock rod
15. Outside handle rod
16. Door pull handle
17. Latch
18. Outside handle
19. Inside handle rod
20. Inside handle cover
21. Spare tire carrier
22. Back door garnish bracket
23. Back door garnish

	Nm	ft.lbs.
A	30-40	22-29
B	8-10	5.8-7.0

Canvas-top vehicle



Metal-top vehicle



### ADJUSTMENT

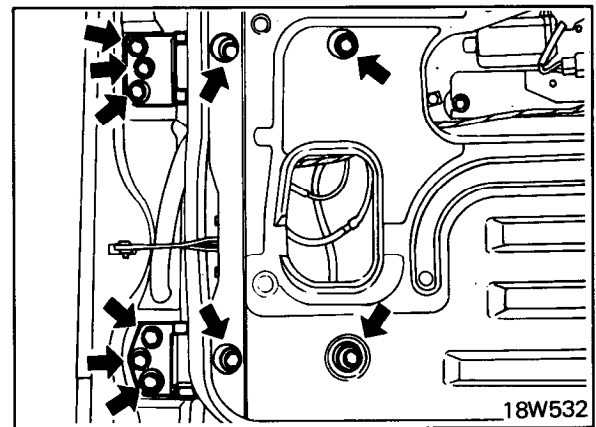
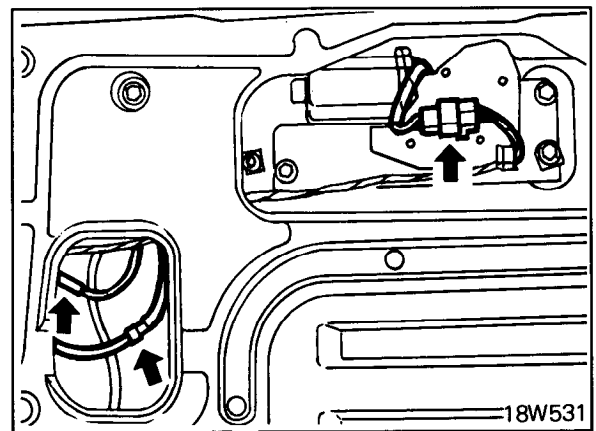
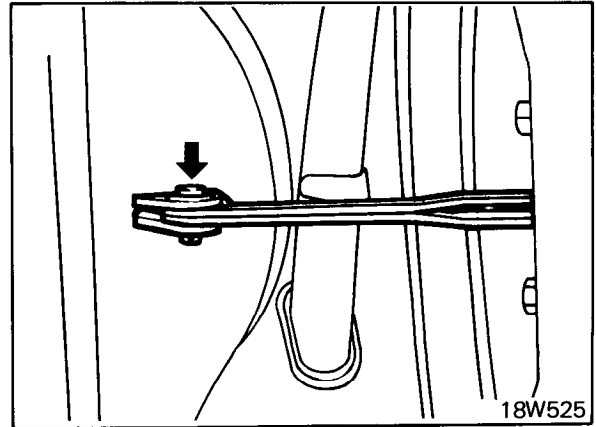
1. Adjust the door fit by adjusting the position of the door striker and/or increasing or reducing the number of shims. (Refer to p. 23-28.)
2. Adjust the inside handle play by moving the inside handle to the left or right. (Refer to p. 23-29.)



## REMOVAL

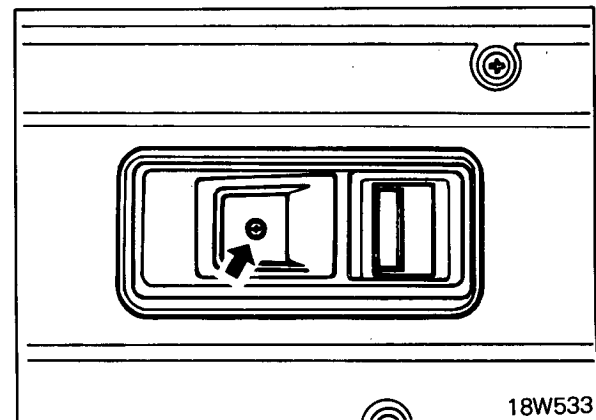
### Back Door and Hinge

1. Remove the cotter pin from the clevis pin, and then remove the clevis pin upward.
2. Remove the back door trim. (Refer to p. 23-40.)
3. Peel the waterproof film off carefully to avoid damaging it.
4. Disconnect the following points. (18W531)
  - (1) Defogger connector
  - (2) Rear washer tube joint
  - (3) Rear wiper connector
5. Remove the back door hinge mounting bolts, and then remove the back door. (18W532)
6. Remove the hinge mounting bolts from the body, and then remove the hinges. (18W532)



### Door Trim

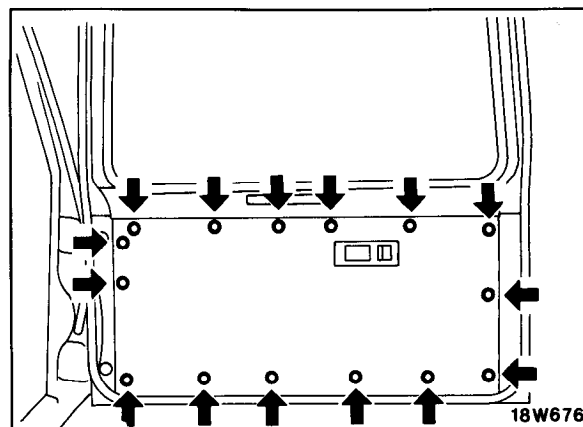
1. Remove the inside handle cover.



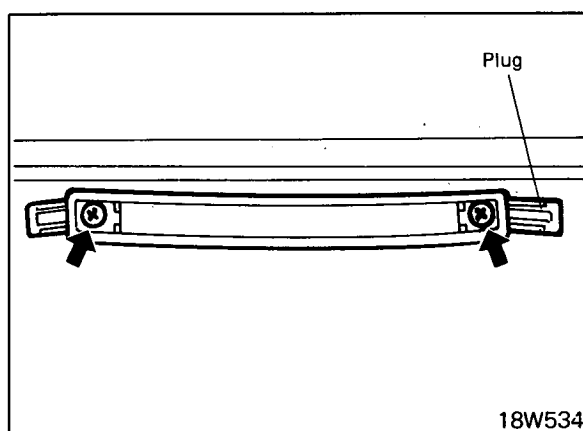


## COMPONENT SERVICE-BACK DOOR

2. Remove the door trim.

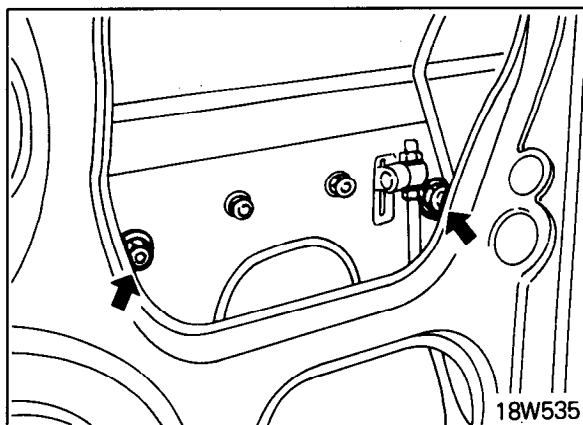


3. Open the door pull handle plug and remove the door pull handle.

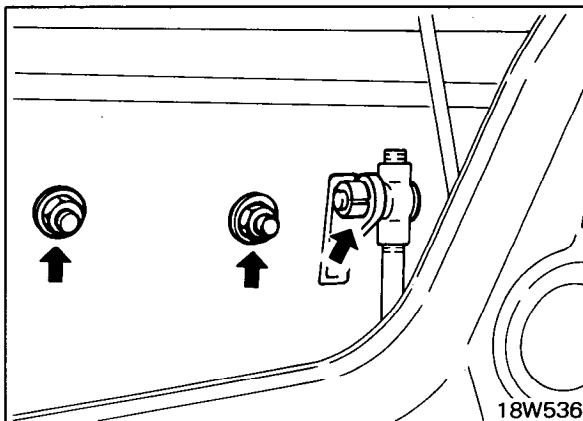


### Door Handle and Door Latch

1. Remove the door trim and the waterproof film.
2. Remove the back door garnish. (18W535)



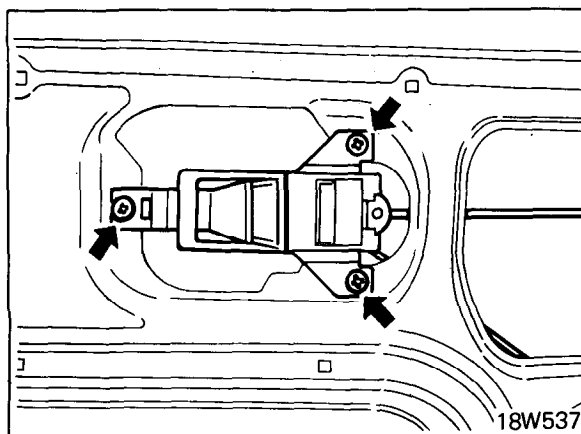
3. Disconnect the outside handle rod from the outside handle, and then remove the outside handle.



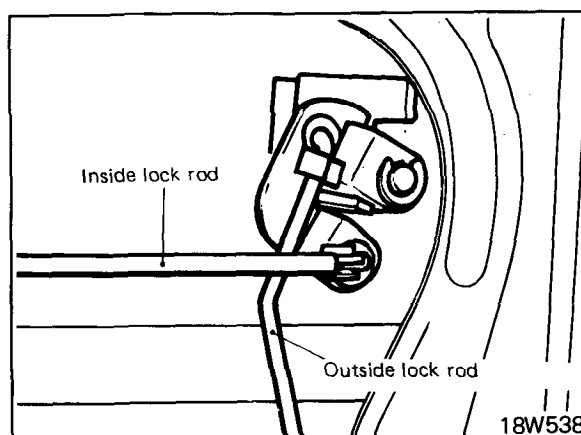




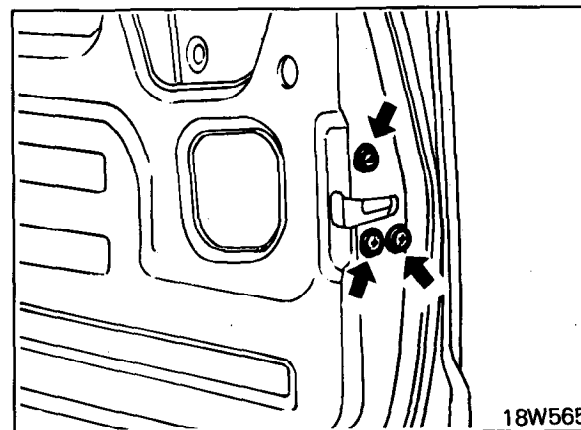
4. Remove the inside handle mounting screws, and then disconnect the inside lock rod and the inside handle rod from the inside handle.



5. Disconnect the outside lock rod and the inside lock rod from the lock cylinder. (18W538)
6. Remove the lock cylinder retainer, and the lock cylinder.

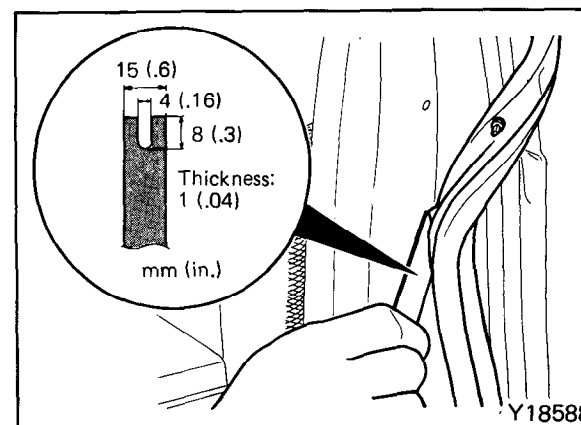


7. Remove the door latch assembly together with the rods.



## Door Opening Weatherstrip

Remove the door opening weatherstrip with the tool shown in the illustration.

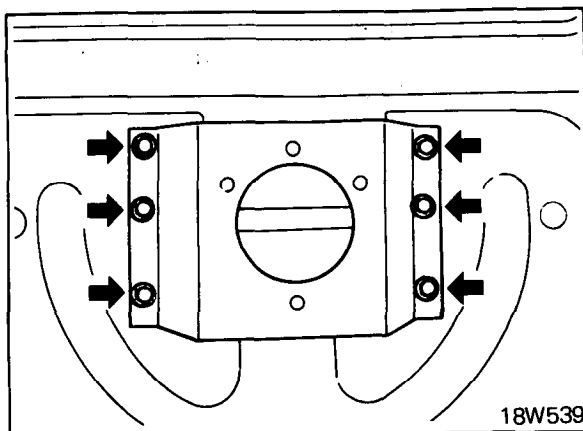




## COMPONENT SERVICE-BACK DOOR

### Spare Tire Carrier

1. Remove the spare tire from the spare tire carrier.
2. Remove the spare tire carrier from the back door.  
(18W539)



### INSPECTION

- (1) Check door hinges for cracks, damage, or abnormal noise.
- (2) Check door hinge attaching bolts for looseness.
- (3) Check door panel for damage or deformation.
- (4) Check door inside handle and latch for wear, damage, or malfunction.

### INSTALLATION

#### Waterproof Film

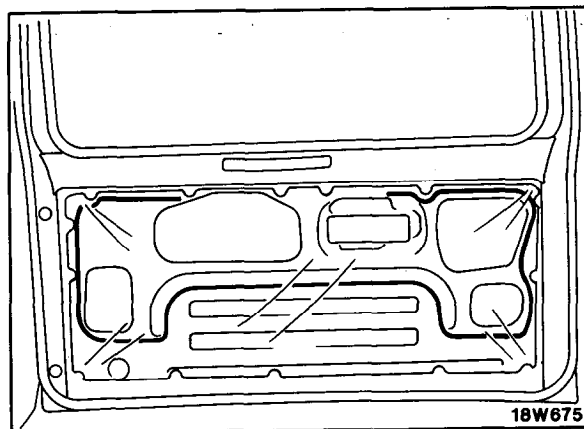
Apply non-drying adhesive at the positions shown in the illustration, and then attach the waterproof film. (18W675)

#### Door Hinges

Apply chassis grease to the sliding parts of the door hinges.

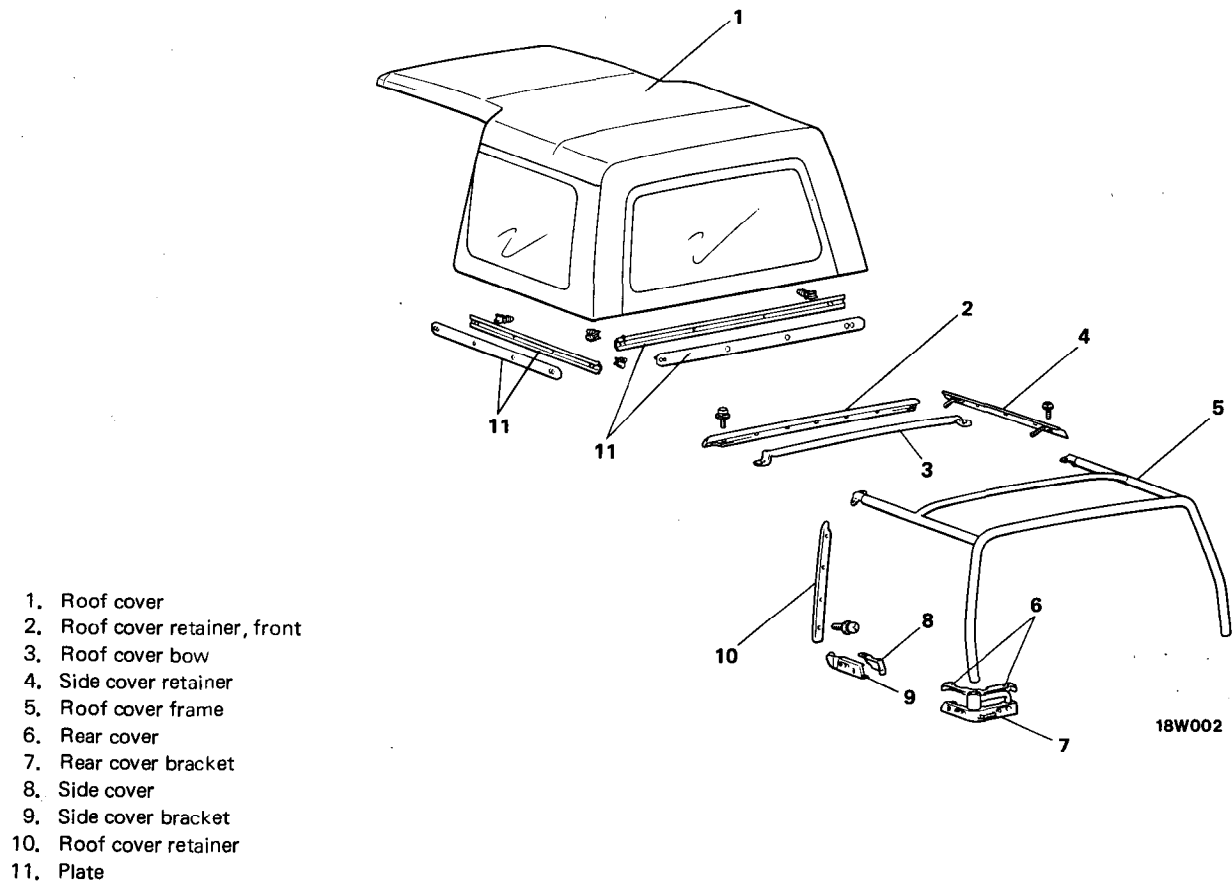
#### Door Latch

Apply chassis grease to the sliding parts of the door latch.





## COMPONENTS

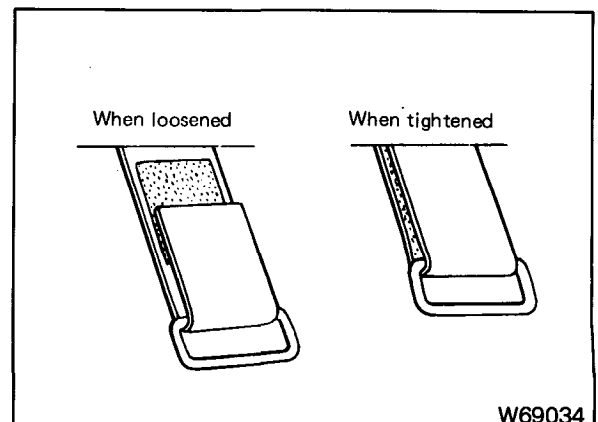


## ADJUSTMENT

Perform roof cover tension adjustment by the following procedures.

### Side Rail

Release the tape of the fixing band of the side rail and adjust tension by changing the length of the band. (W69034)

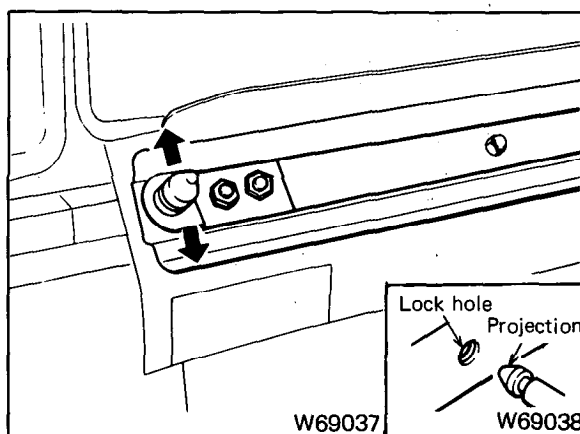
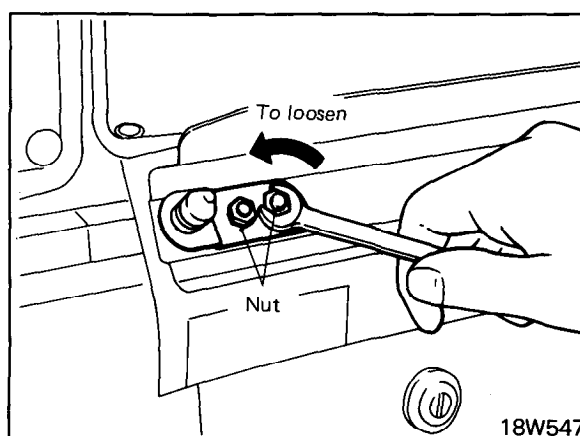
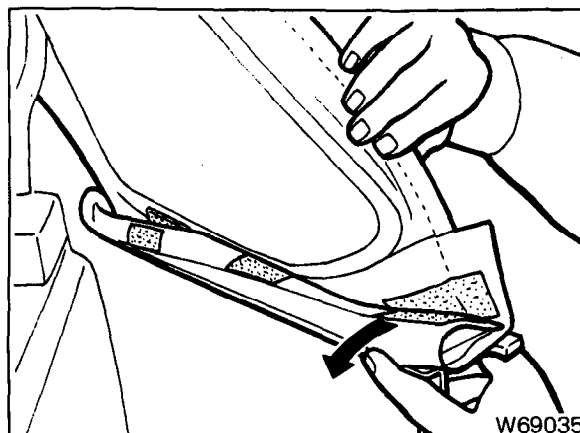




## COMPONENT SERVICE-FOLDING TOP

### Rear and Side Curtains

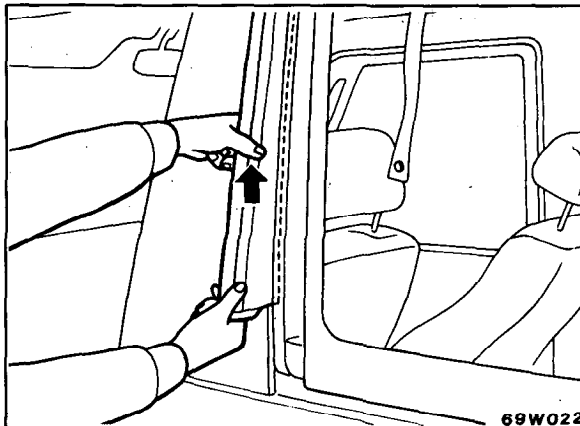
1. Release the fixing tape of the rear and side curtains.
2. Loosen the nuts attaching the side and rear curtains to the plate.
3. To make sure that the lock pin of the plate fits in the lock hole, adjust tension by moving the plate up and down.



### REMOVAL

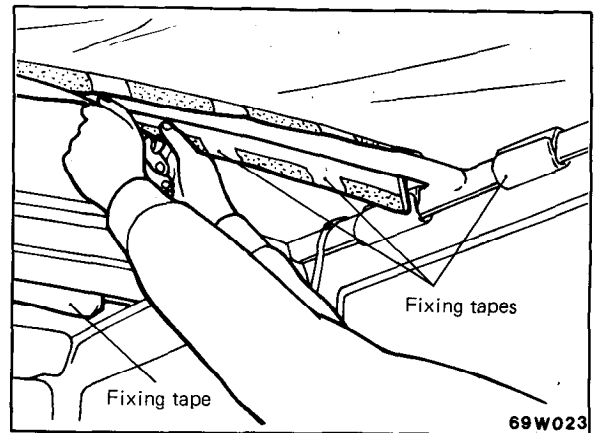
#### Roof Cover Assembly

1. Remove fasteners and fixed portions of the rear and side curtains.
2. Pull the roof cover upward from the side rail. (69W022)

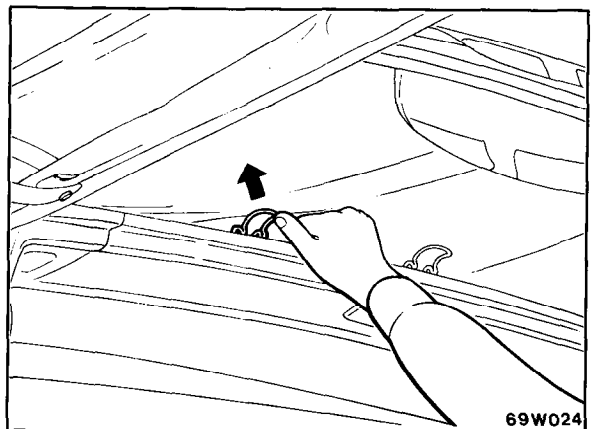




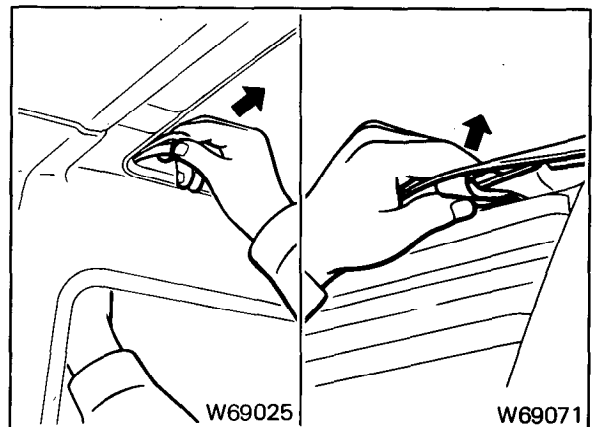
3. Undo the fasteners and fixing of the rear and side curtains.  
Pull the roof cover upward to remove it from the side rail.



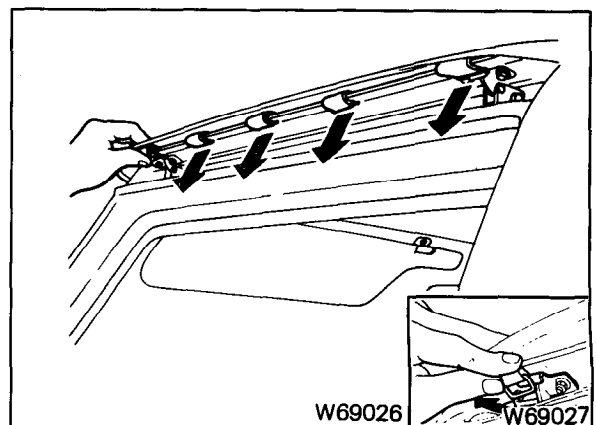
4. Undo the fixing tapes of roof cover from inside the room.



5. First pull the band on the rear side of the roof cover retainer. While holding the roof cover retainer up, pull the band on the front side of the roof cover retainer.



6. Raise the roof cover retainer and remove the fastening band.



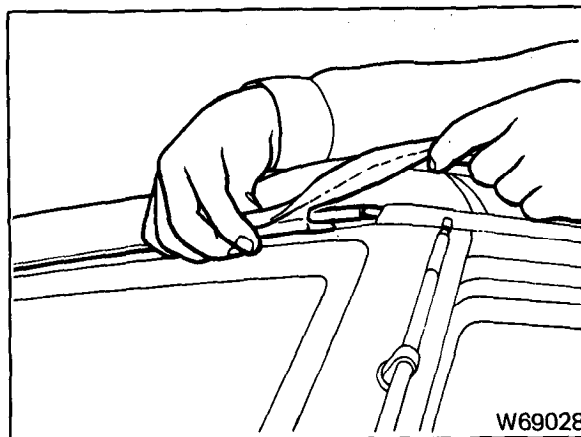


## COMPONENT SERVICE-FOLDING TOP

7. Remove the roof cover forward from the roof cover front retainer. (W69028)
8. Remove the roof cover assembly from the vehicle.

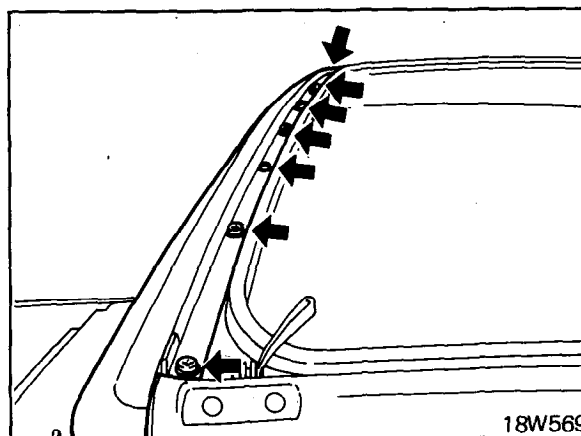
### Caution

When the roof cover assembly is removed, use care not to allow the attaching metal fittings, etc. to strike the body.



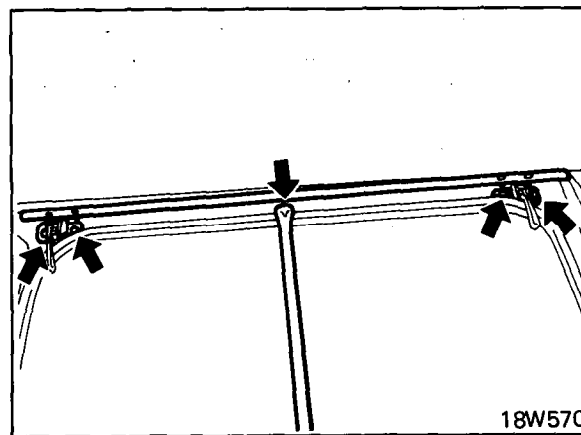
### Roof Cover Front Retainer

Remove the roof cover front retainer from the roof.



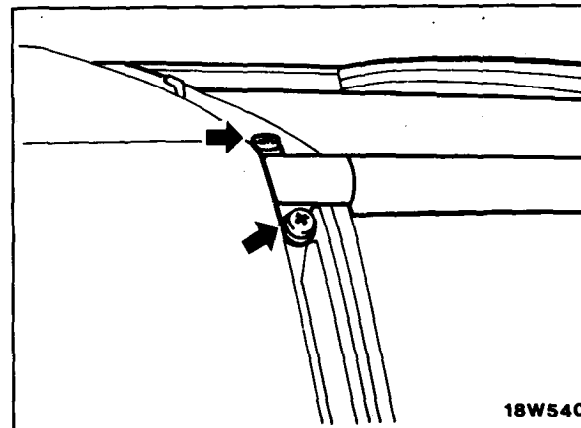
### Roof Cover Retainer and Roof Cover Bow

1. Remove the roof cover lock attaching screws and remove the roof cover retainer. (18W570)
2. Remove the roof cover bow. (18W570)



### Roof Cover Frame

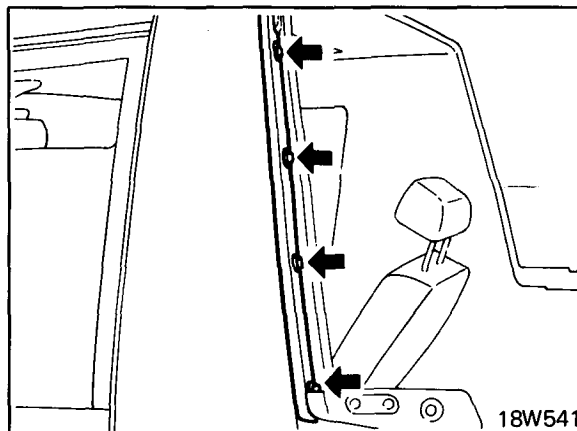
1. Detach the roof cover frame from the center pillar. (18W540)
2. Pull the rear of roof cover frame upward to remove it from the rear cover bracket.





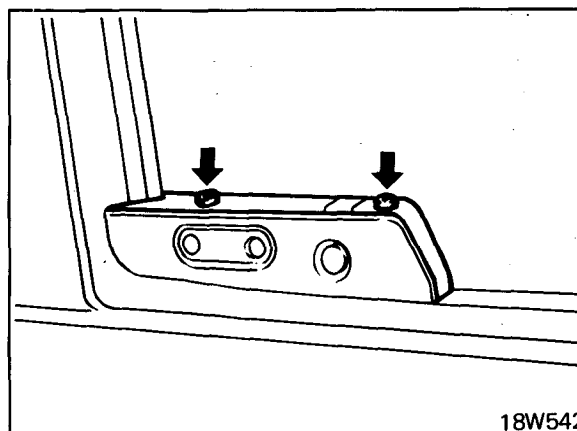
## Side Cover Retainer

Remove the side cover retainer.

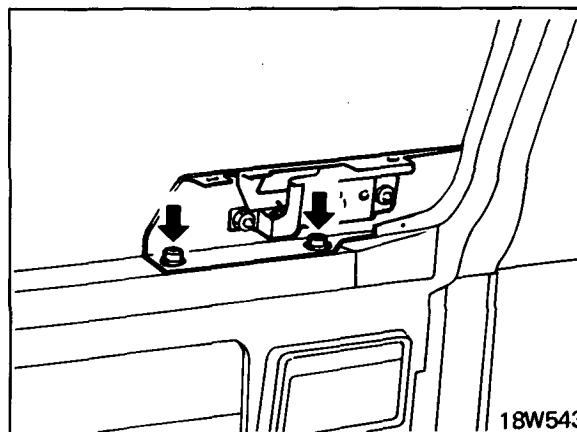


## Side Cover Bracket

1. Remove the side cover.

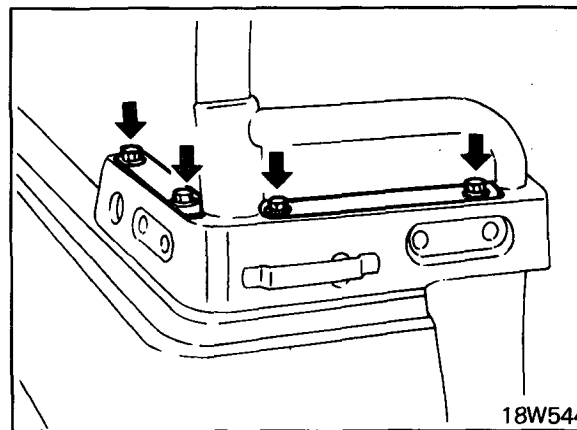


2. Remove the side cover bracket.



## Rear Cover Bracket

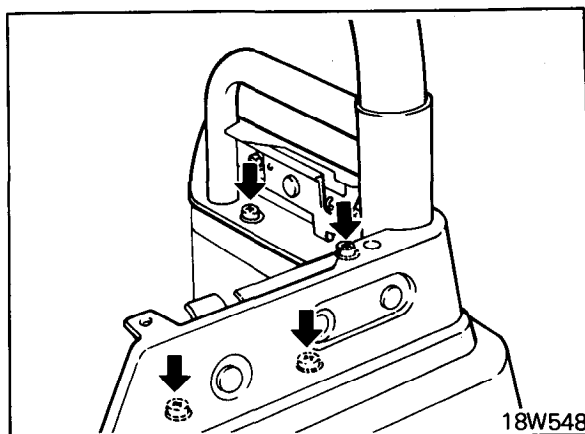
1. Remove the rear cover.





## COMPONENT SERVICE-FOLDING TOP

2. Remove the rear cover bracket.



### INSPECTION

1. Check the roof cover for damage.
2. Check the roof cover retainer for deformation or damage.
3. Check the roof cover lock for faulty operation.
4. Check the roof cover bows for bending.
5. Check the roof cover lock pin mounting nuts for looseness.
6. Check the roof cover frame for deformation and damage.

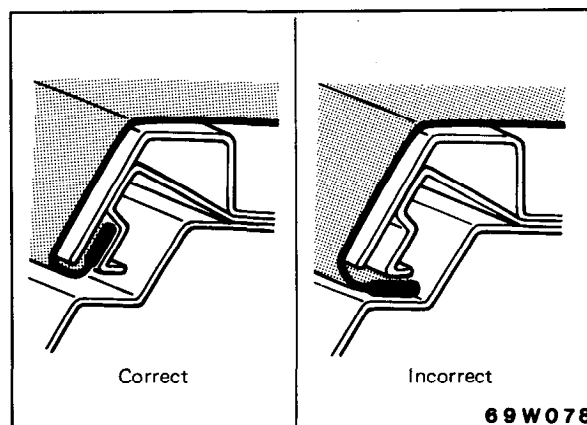
### INSTALLATION

Mount the roof cover securely so that it is neither too loose nor too tight.

#### Caution

Be sure that the roof cover is securely connected to the vehicle body and to the top frame.

When installing the cover to the front rail, be sure to fit it in correctly as shown in the illustration.



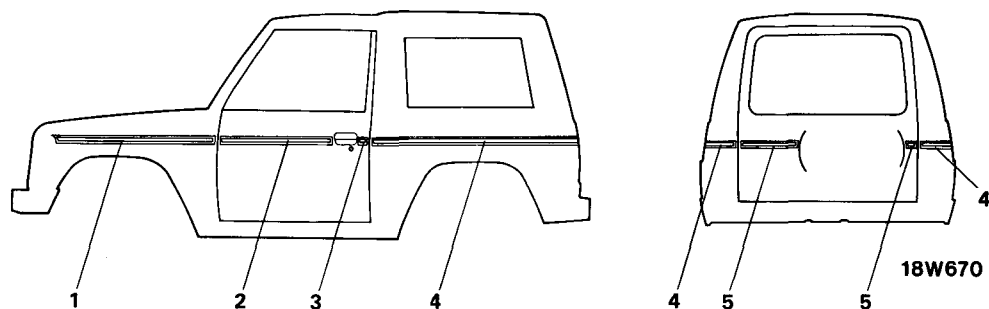




## COMPONENTS

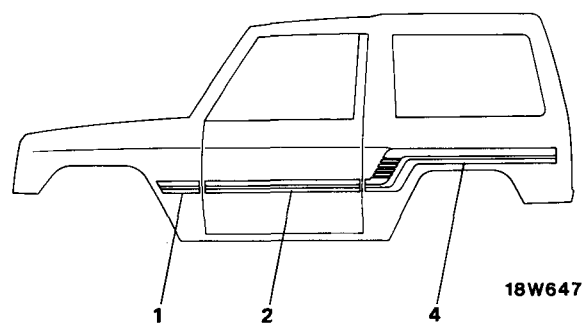
### Type 1

(Vehicles with a P-line only)



### Type 2

(Metal-top vehicles with a P-line only)



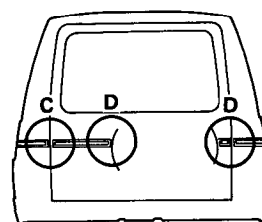
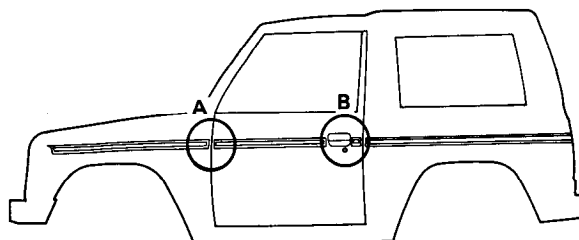
1. Fender tape
2. Front door tape
3. Rear door tape
4. Quarter tape
5. Back door tape



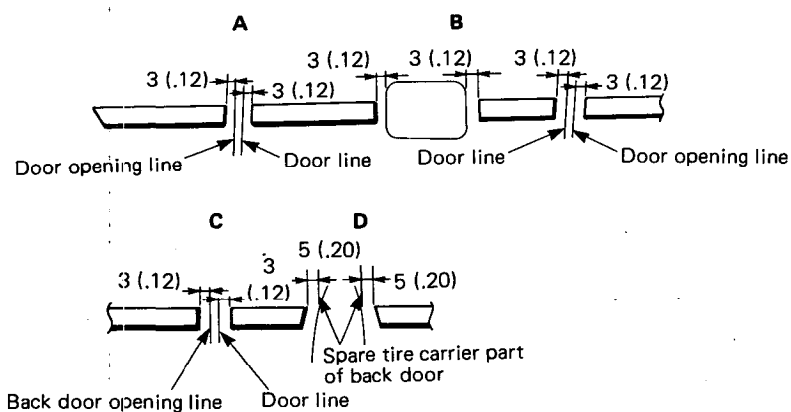
# COMPONENT SERVICE-STRIPE TAPE

## INSTALLATION

### Type 1

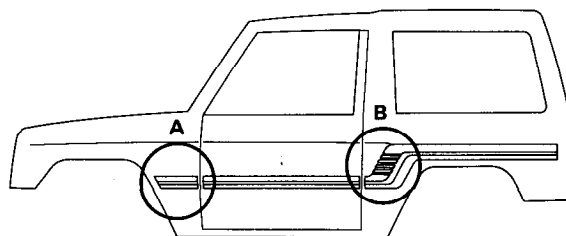


18W670



18W048

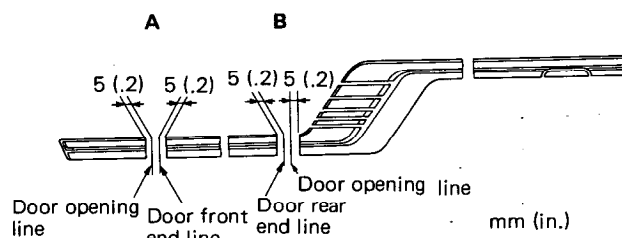
### Type 2



18W647

#### NOTE

Using a rag soaked in unleaded gasoline, wipe any grease from the body surfaces where the tapes are to be attached.



mm (in.)

18W648



1. Peel the paper off the back of the stripe tape to apply it. Begin application at the front of the doors and then proceed to the fender or quarter panel.

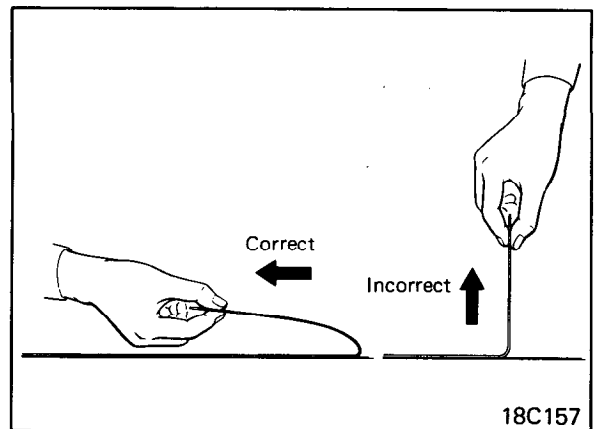
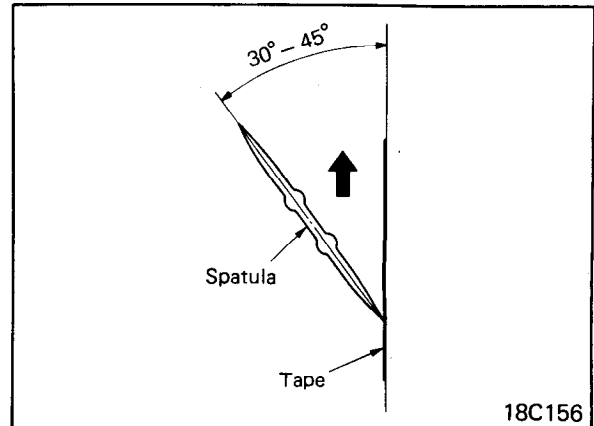
## Cautions

1. The application should be done in a place with little or no dust, and at an ambient temperature of  $20^{\circ}\text{C}$  ( $70^{\circ}\text{F}$ ) ( $70^{\circ}\text{C}$  ( $100^{\circ}\text{F}$ )).
2. If the ambient temperature is less than  $20^{\circ}\text{C}$  ( $70^{\circ}\text{F}$ ), warm both the tape and the body (application surfaces) to within  $20^{\circ}\text{C}$  ( $70^{\circ}\text{C}$  ( $70^{\circ}\text{F}$ ) ( $100^{\circ}\text{F}$ )).
2. Use the spatula to press on the tape, beginning at the center and moving evenly to both the top and bottom, in order to remove any trapped air bubbles. (C18156)

## Caution

If the spatula is slid to the side there will be slack at the end of the tape, causing wrinkles, and the tape may deviate from the correct application position.

3. If the tape is not applied properly it may come off later; pull the backing paper off straight and slowly. (18C157)
4. If there are any air bubbles in the tape after the application is finished, use a sewing needle to make small holes in the bubbles, and use the corners of the spatula to press the air out.

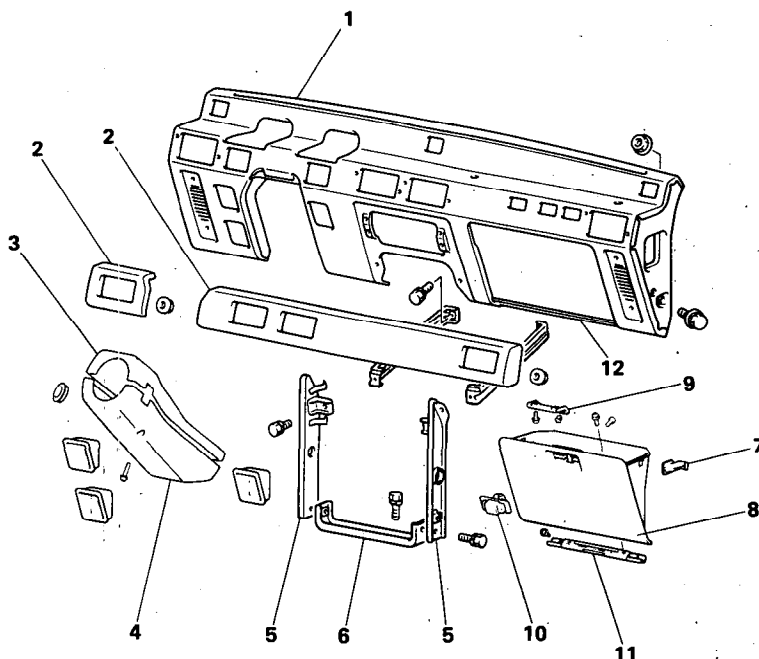




## COMPONENT SERVICE-INSTRUMENT PANEL

### COMPONENTS

1. Instrument panel
2. Instrument pad
3. Column cover, upper
4. Column cover, lower
5. Center reinforcement
6. Backbone bracket
7. Stopper
8. Glove box
9. Striker
10. Lock assembly
11. Glove box hinge
12. Glove box frame

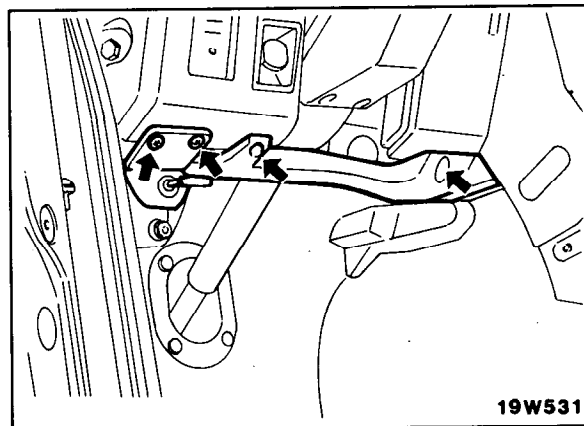


19W558

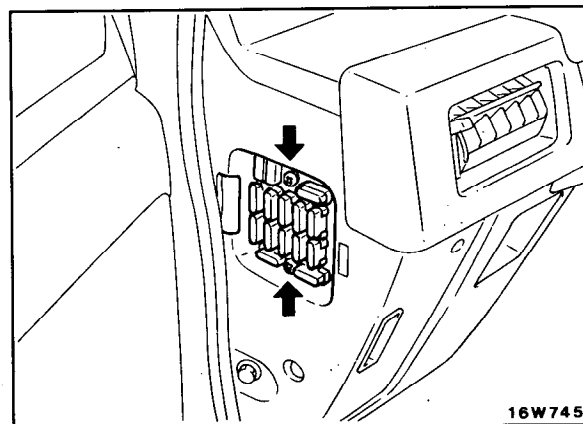
### REMOVAL

#### Instrument Panel

1. Remove the steering wheel. (Refer to GROUP 19.)
2. Remove the center console. (Refer to p. 23-55.)
3. Remove the combination meter. (Refer to GROUP 8.)
4. Remove the combination gauge. (Refer to GROUP 8.)
5. Remove the lap heater ducts B and C and the release cable bracket. (19W531)
6. Remove the heater control assembly. (Refer to GROUP 24.)
7. Remove the fuse cover and then the fuse block mounting screws. Push the fuse block into the instrument panel. (16W745)
8. For vehicles equipped with front speakers, disconnect the front harness from the front speakers.



19W531



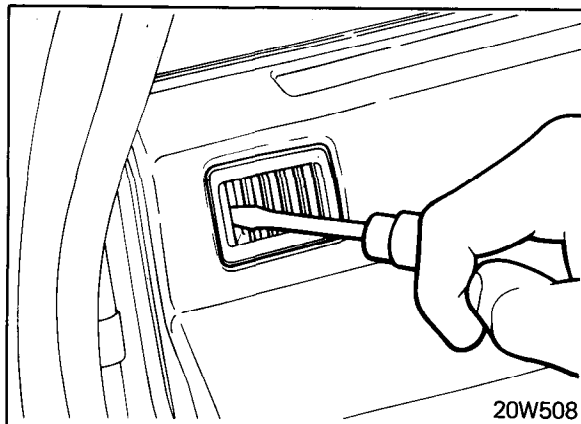
16W745



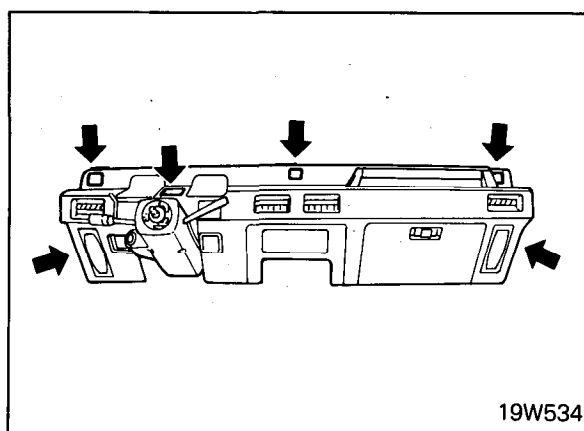
9. Remove the plug at the center of the instrument panel.
10. Remove the right and left demister grilles by prying up the mounting projections with a screwdriver. (20W508)

## Caution

Be careful not to break the projections.

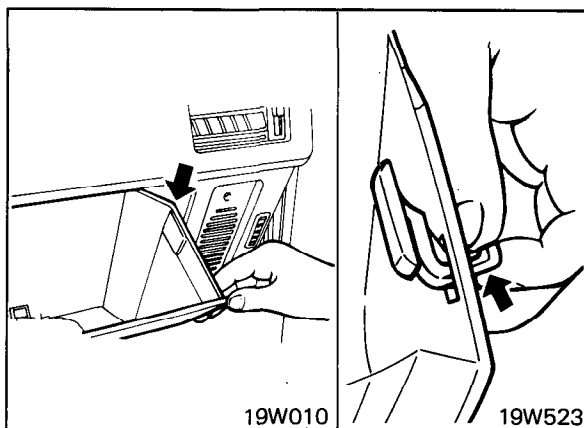


11. After the glove box stopper has been removed, pull the glove box toward you, and then disconnect the heater relay from the front wiring harness.
12. Remove the instrument panel mounting bolts and nuts, and then remove the instrument panel. (19W534)

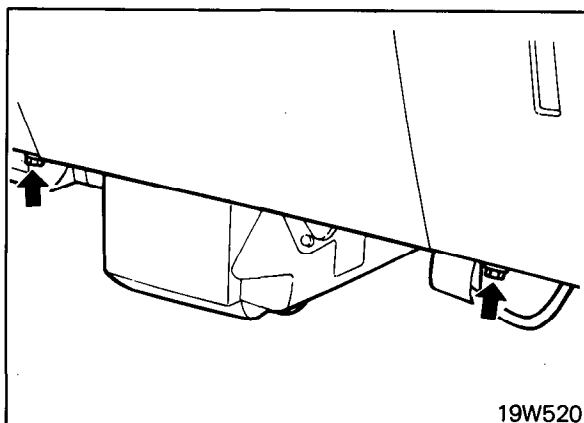


## Glove Box

1. Remove the glove box stopper.



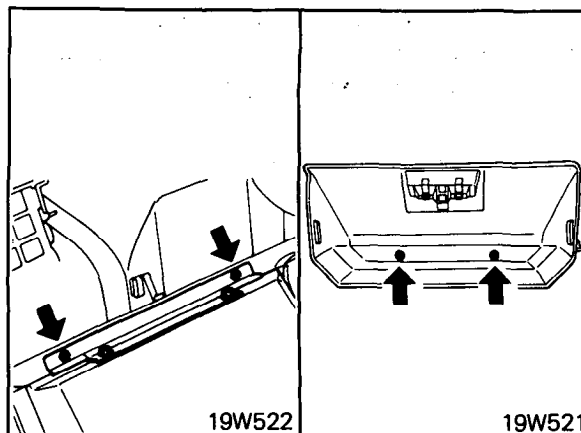
2. Remove side lap heater duct B on the passenger seat side. (Refer to GROUP 24.)
3. Remove the glove box frame mounting bolts from the instrument panel, and then remove the glove box. (19W520)





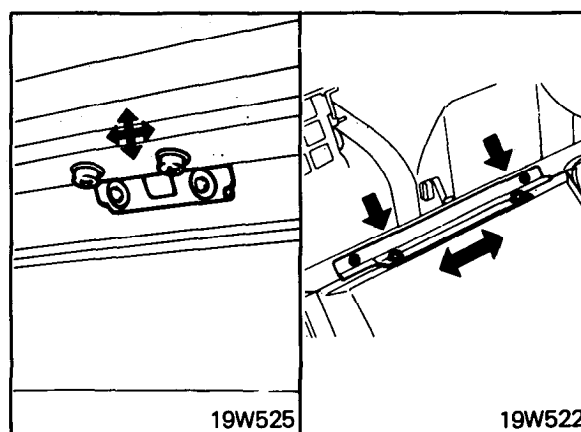
## COMPONENT SERVICE-INSTRUMENT PANEL

4. Remove the glove box frame and the glove box hinges from the glove box.



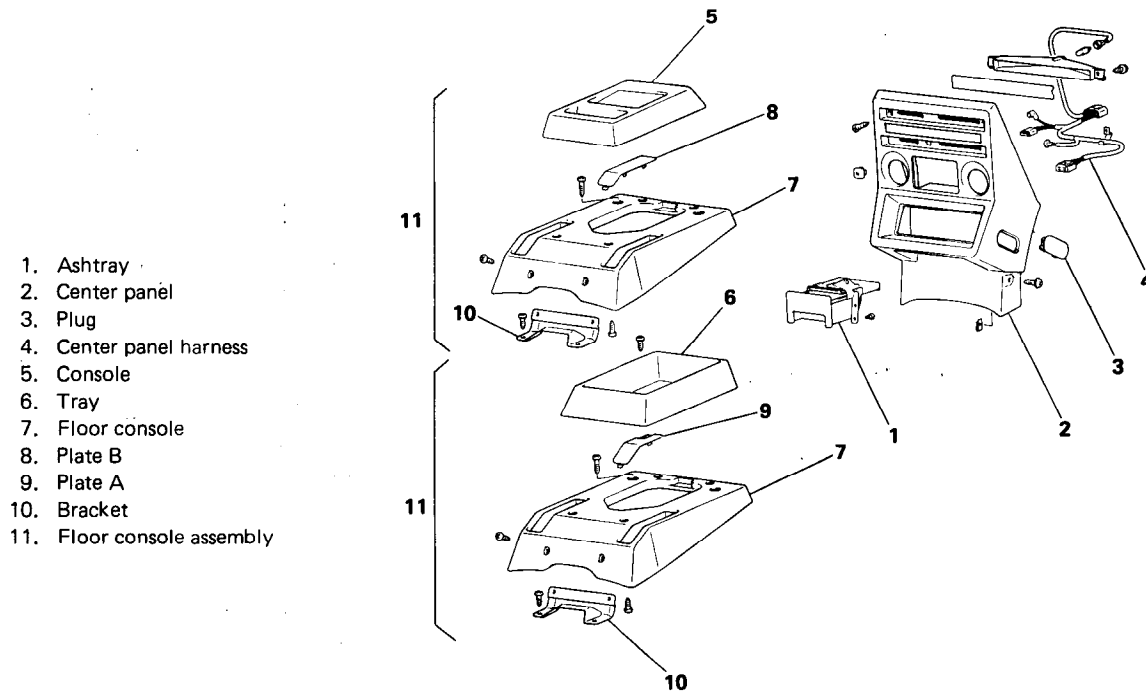
### INSTALLATION

1. Connect all of the connectors securely.
2. Make sure that the wiring harnesses are not pinched.
3. Adjust the heater control wires. (Refer to GROUP 24.)
4. When installing the glove box, first temporarily tighten the screws, and then, after checking the top left and right clearances between the glove box lid and the instrument panel with the lid closed, tighten the screws. (19W525, 19W522)





## COMPONENTS

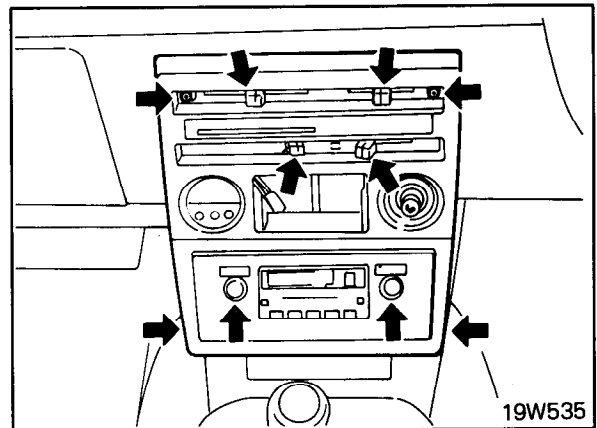


19W045

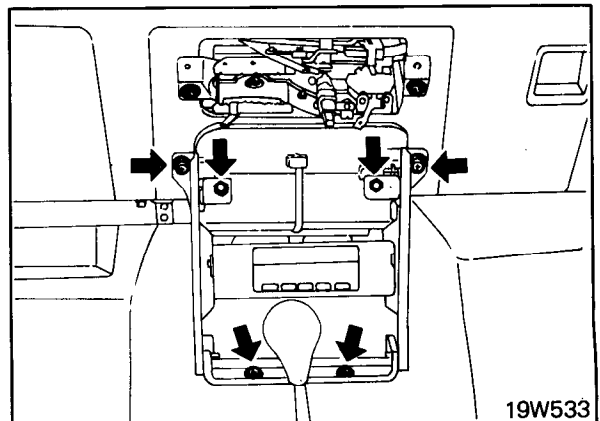
## REMOVAL

### Center Console

1. Remove the knobs of the heater control levers.
2. Remove the radio switch knobs and the radio panel.
3. Remove the center panel mounting screws.
4. Slightly pull off the center panel.
5. Disconnect the front harness to center panel harness connector and the antenna lead-wire.
6. Remove the center console assembly.



7. Disconnect the radio and car stereo player from the front harness.
8. Remove the center reinforcement and backbone bracket mounting screws.
9. Remove the center reinforcement, backbone bracket, radio and car stereo as a unit.

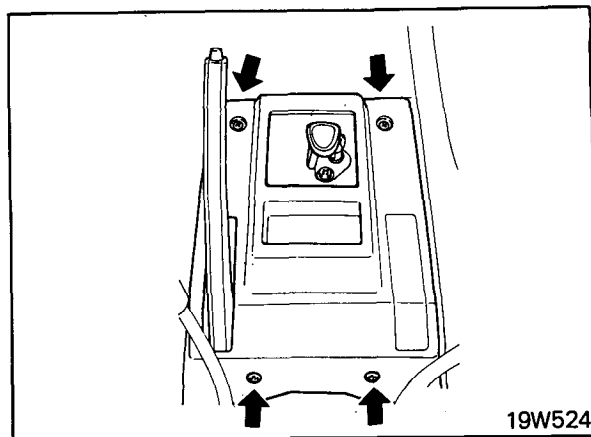




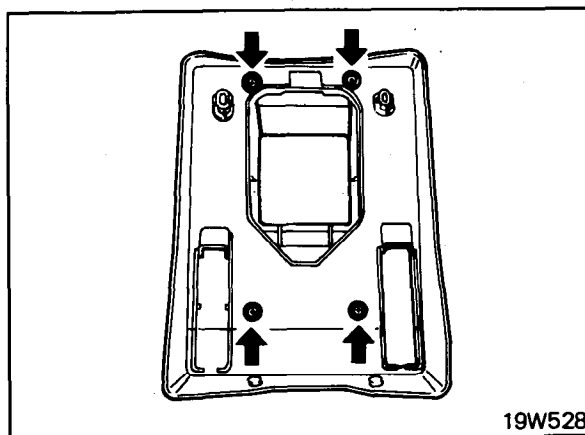
## COMPONENT SERVICE-FLOOR CONSOLE

### Floor Console

1. Remove the floor console.



2. Remove the tray, plate A or the console and plate B from the floor console.

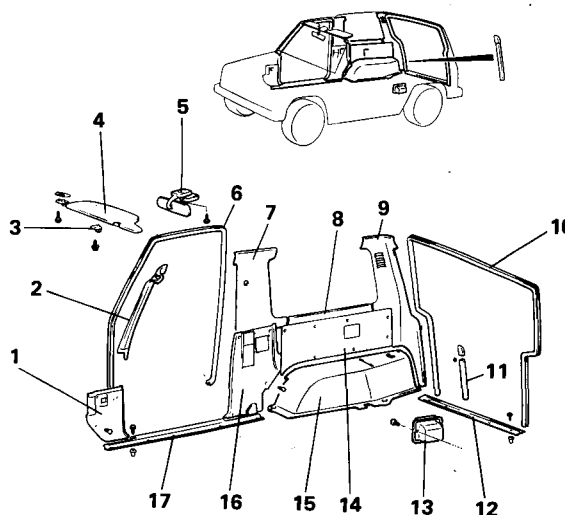






## COMPONENTS

1. Cowl side trim
2. Front pillar trim (metal-top vehicle)
3. Sun visor holder
4. Sun visor
5. Rear-view mirror
6. Door opening trim
7. Center pillar upper trim (metal-top vehicle)
8. Quarter upper trim (metal-top vehicle)
9. Rear pillar trim (metal-top vehicle)
10. Rear opening trim (metal-top vehicle)
11. Rear opening trim (canvas-top vehicle)
12. Rear scuff plate
13. Quarter trim
14. Ashtray (left side only)
15. Rear wheelhouse trim
16. Center pillar lower trim
17. Rail cover



19W583

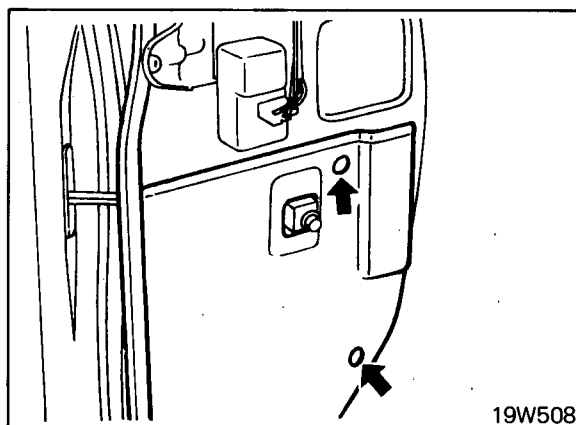
## REMOVAL

### Door Opening Trim

1. Remove the rail cover.
2. Remove the door opening trim.

### Cowl Side Trim

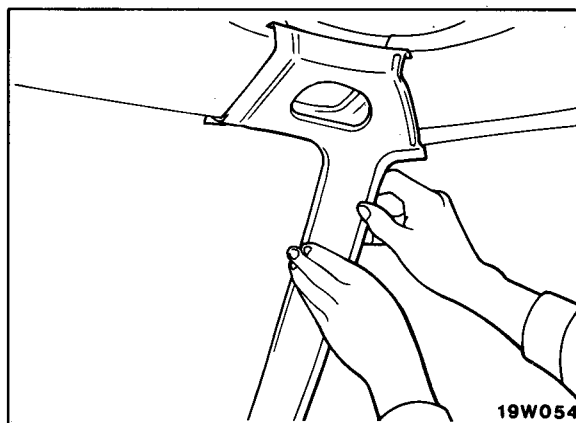
1. Remove the door opening trims.
2. Insert special tool (MB990784) under the cowl side trim and remove the clips. (19W508)
3. Remove the cowl side trim.



19W508

### Front Pillar Trim

1. Remove the door opening trims.
2. Remove the sun visor. (Refer to P. 23-59.)
3. Remove the front pillar trim. (19W054)



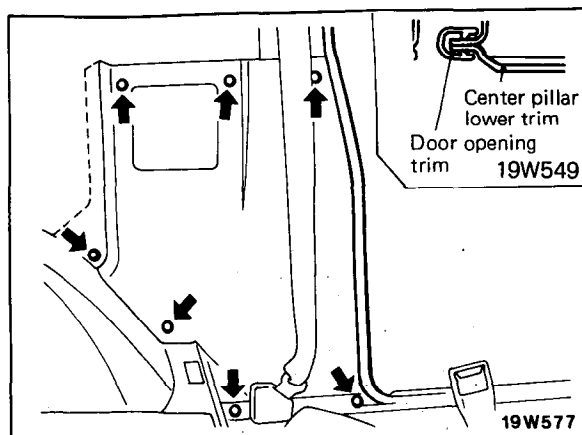
19W054



## COMPONENT SERVICE-TRIMS

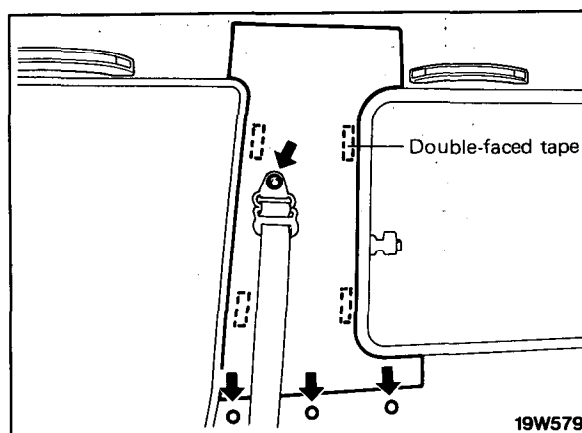
### Center Pillar Lower Trim

1. Remove the door opening trim. (19W549)
2. Remove the rear speaker if the vehicle is so equipped. (Refer to GROUP 8.)
3. Insert special tool (MB990784) under the center pillar lower trim and remove the clips. Slowly raise the center pillar lower trim upward to remove. (19W577)



### Center Pillar Upper Trim

1. Remove the door opening trim.
2. Remove the shoulder anchor plate of the front seat belt. (19W579)
3. Remove the three clips at the top part of the center pillar lower trim. (19W579)
4. Being careful of the double-faced tape, pull the center pillar upper trim out from the quarter window weatherstrip. (19W579)



### Quarter Trim

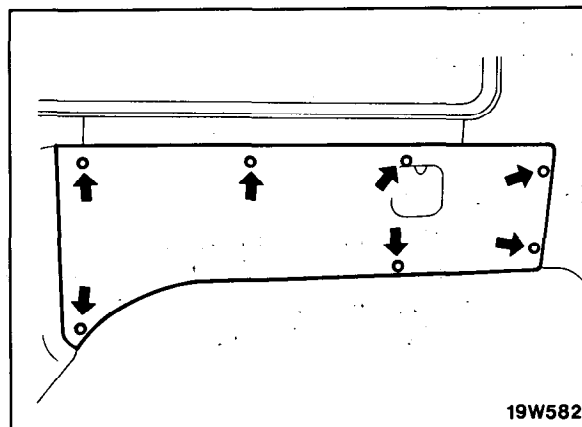
1. Remove the ashtray. (L. H.)
2. Insert special tool (MB990784) under the quarter trim and remove the clips. (19W582)
3. Remove the quarter trim.

### Wheelhouse Trim

1. Remove the rear seat. (Refer to P. 23-68.)
2. Undo the hooks and remove the wheelhouse trim.

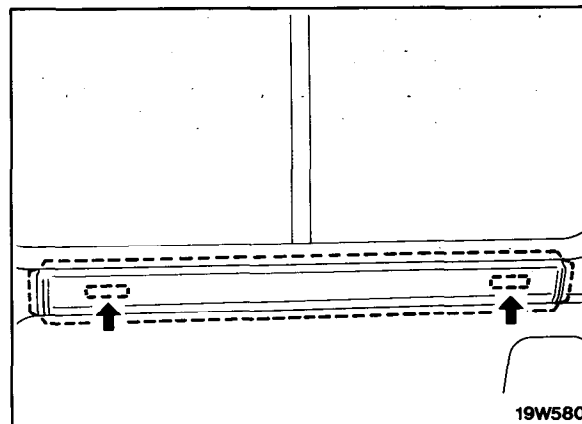
#### NOTE

When remounting the wheelhouse trim, it should be mounted with the cargo floor mat on top of it.



### Quarter Upper Trim

1. Remove the quarter trim. (19W582)
2. Being careful of the double-faced tape on the back, pull the quarter upper trim out from the quarter window weatherstrip. (19W580)



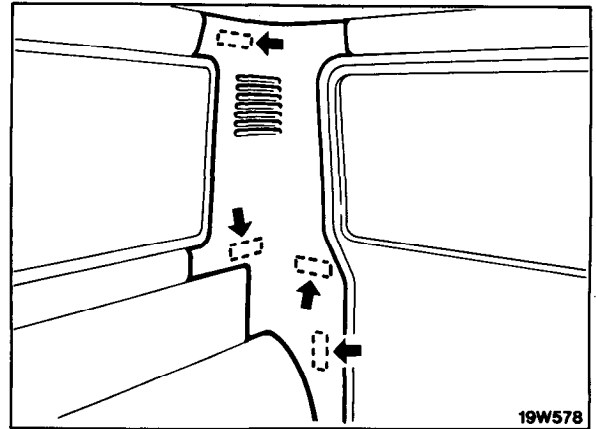


## Rear Pillar Trim

1. Remove the rear opening trim.
2. Remove the quarter trim. (Refer to P. 23-58.)
3. Being careful of the double-faced tape on the back, pull the rear pillar trim out from the quarter window weatherstrip. (19W578)

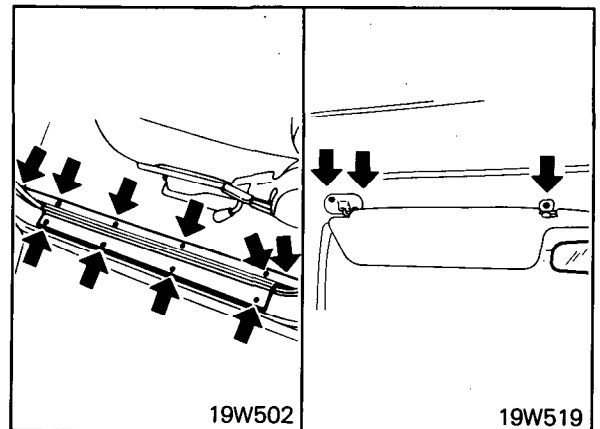
## Rear Opening Trim

Remove the rear opening trim.



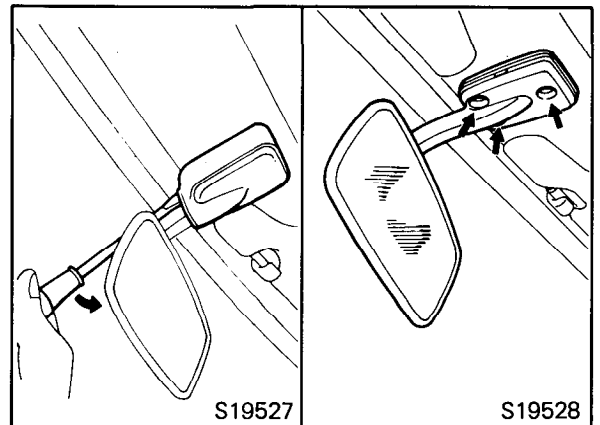
## Rail Cover, Sun Visors

1. Remove the screws, and then remove the rail covers. (19W502)
2. Remove the screws, and then remove the sun visors and sun visor holders. (19W519)



## Rear-view Mirror

1. Remove the rear-view mirror cover. (S19527)
2. Remove the screws, and then remove the rear-view mirror. (S19528)

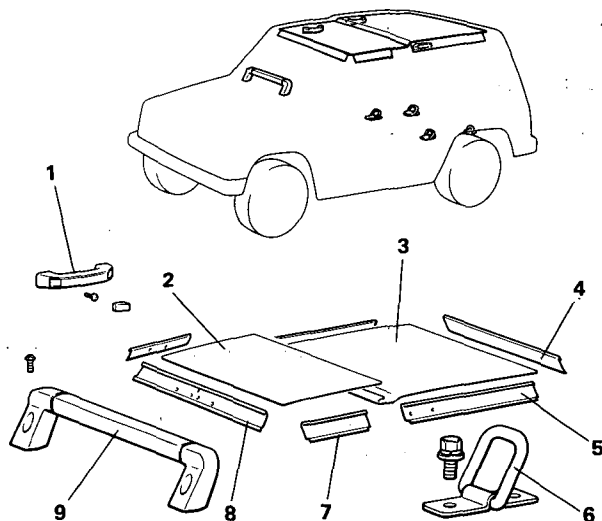




## COMPONENT SERVICE-HEADLINING AND ASSIST STRAPS

### COMPONENTS

1. Assist strap
2. Front headlining (metal-top vehicles)
3. Rear headlining (metal-top vehicles)
4. Rear roof rail trim
5. Rear side roof rail trim
6. Hook
7. Front side roof rail trim
8. Front roof rail trim
9. Assist grip

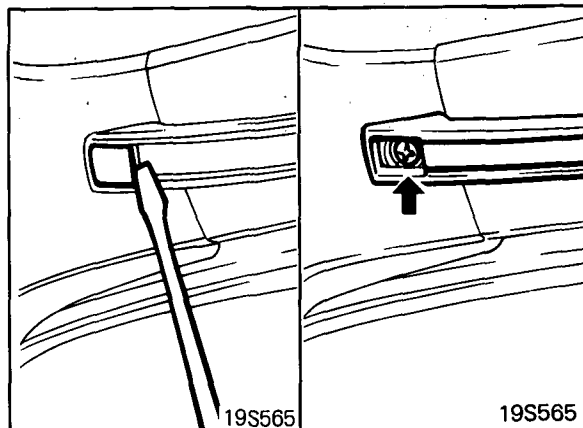


19W581

### REMOVAL

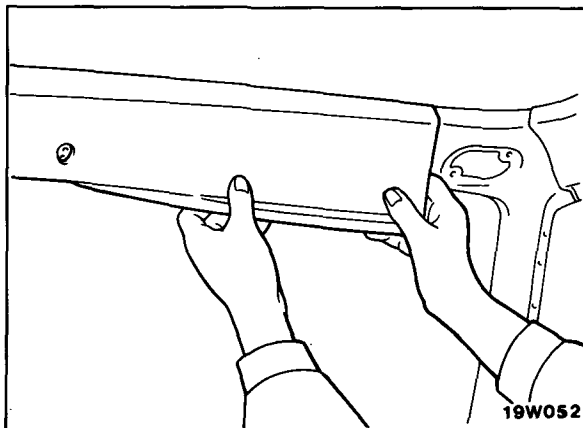
#### Assist Straps

1. Remove the assist strap caps. (19S565)
2. Remove the assist strap mounting screws, and then remove the assist straps. (19S565)



#### Front Rail Trim

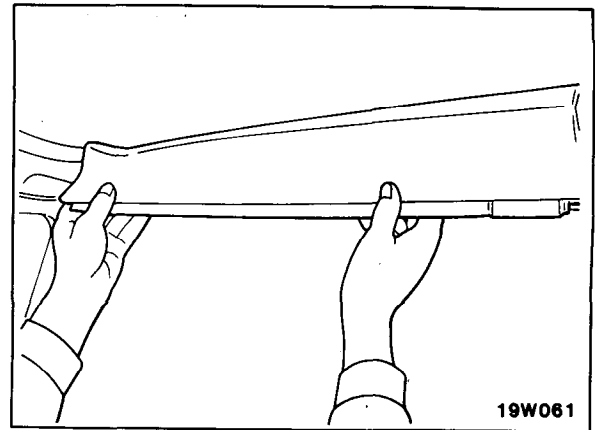
1. Remove the front pillar trim. (Refer to P. 23-57.)
2. Remove the rear-view mirror. (Refer to P. 23-59.)
3. Remove the sun visor holders. (Refer to P. 23-59.)
4. Remove the front rail trim. (19W052)





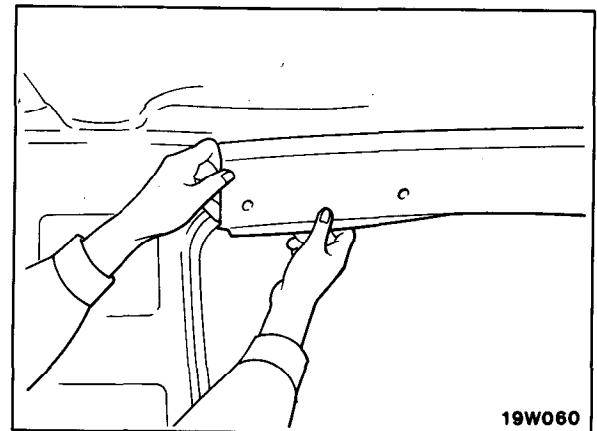
## Front Side Roof Rail Trim

1. Remove the assist strap. (R. H.)
2. Remove the door opening trim.
3. Remove the front side roof rail trim. (19W061)



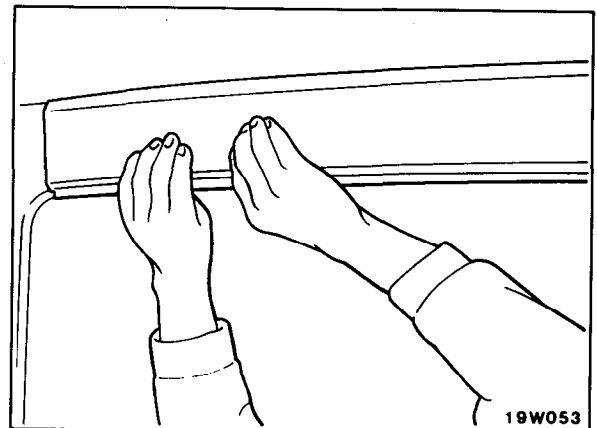
## Rear Side Roof Rail Trim

1. Remove the assist strap.
2. Remove the center pillar upper trim. (Refer to P. 23-58.)
3. Pull the rear side roof rail trim out from the quarter window weatherstrip. (19W060)



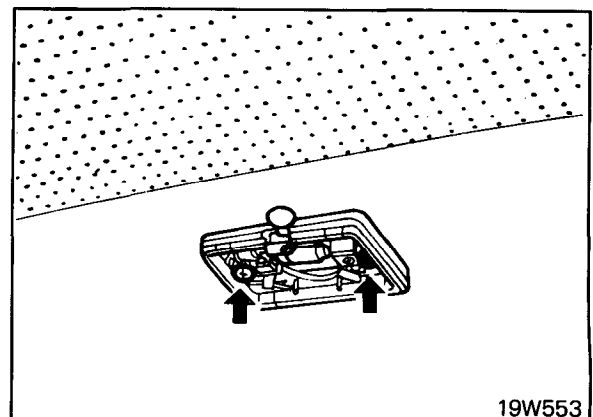
## Rear Roof Rail Trim

1. Remove the rear opening trim.
2. Remove the rear roof rail trim. (19W053)



## Headlining

1. Remove the roof rail trim.
2. Remove the dome light mounting screws, and then remove the dome light. (19W553)





## COMPONENT SERVICE-HEADLINING AND ASSIST STRAPS

3. Slowly peel the headlining away, beginning with the corner of the roof panel. (19W554)

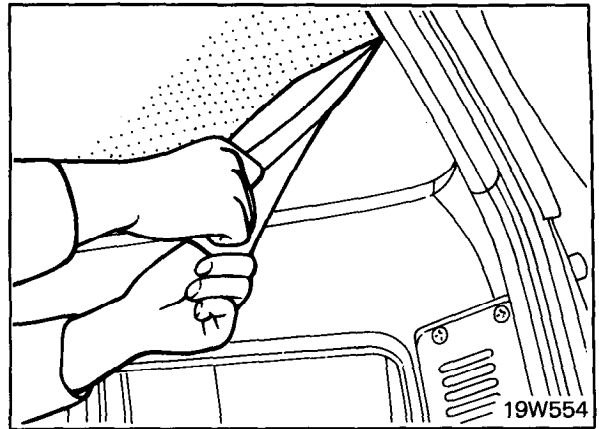
### Caution

Make sure that the headlining is removed slowly; as the sponge portion of the headlining is left behind on the roof panel.

4. Thoroughly remove the drying sealant and sponge left behind on the roof panel by using a toluol solution, etc.

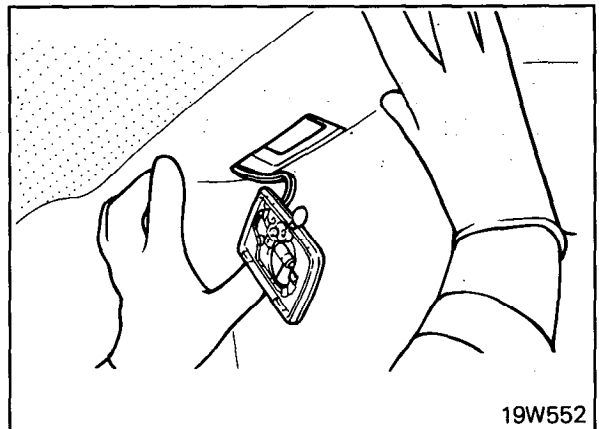
### Caution

Make sure that all remaining sealant and sponge are thoroughly removed, as they produce uneven surfaces when the headlining is bonded to the roof panel.

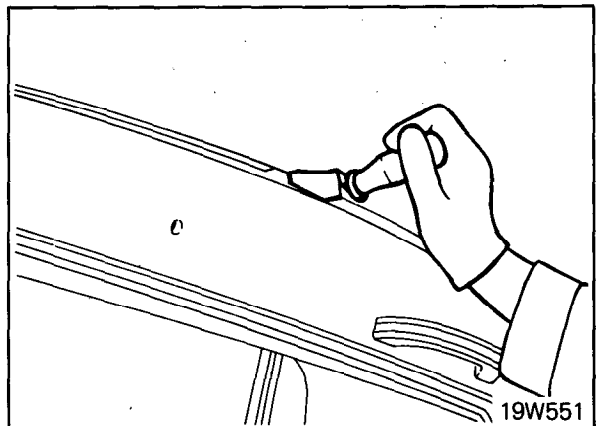


## INSTALLATION

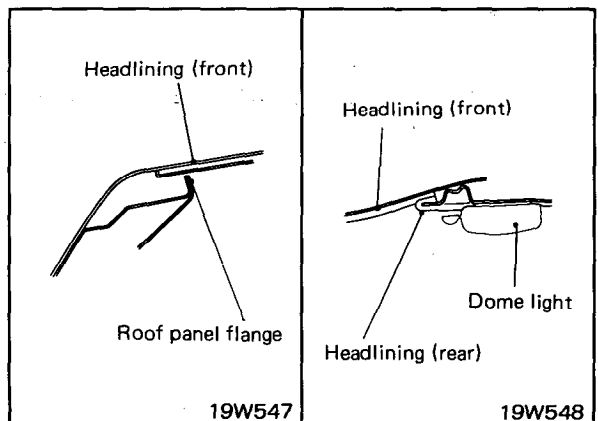
1. Evenly apply a drying sealant to the roof panel.
2. When installing the rear headlining, connect the dome light connector, pass it through the hole in the lining, and then bond the lining so that the hole matches the dome light mounting hole. (19W552)



3. Using care to prevent wrinkles and slackness, bond the headlining and insert the edges securely into the roof panel flange by using a spatula, etc.

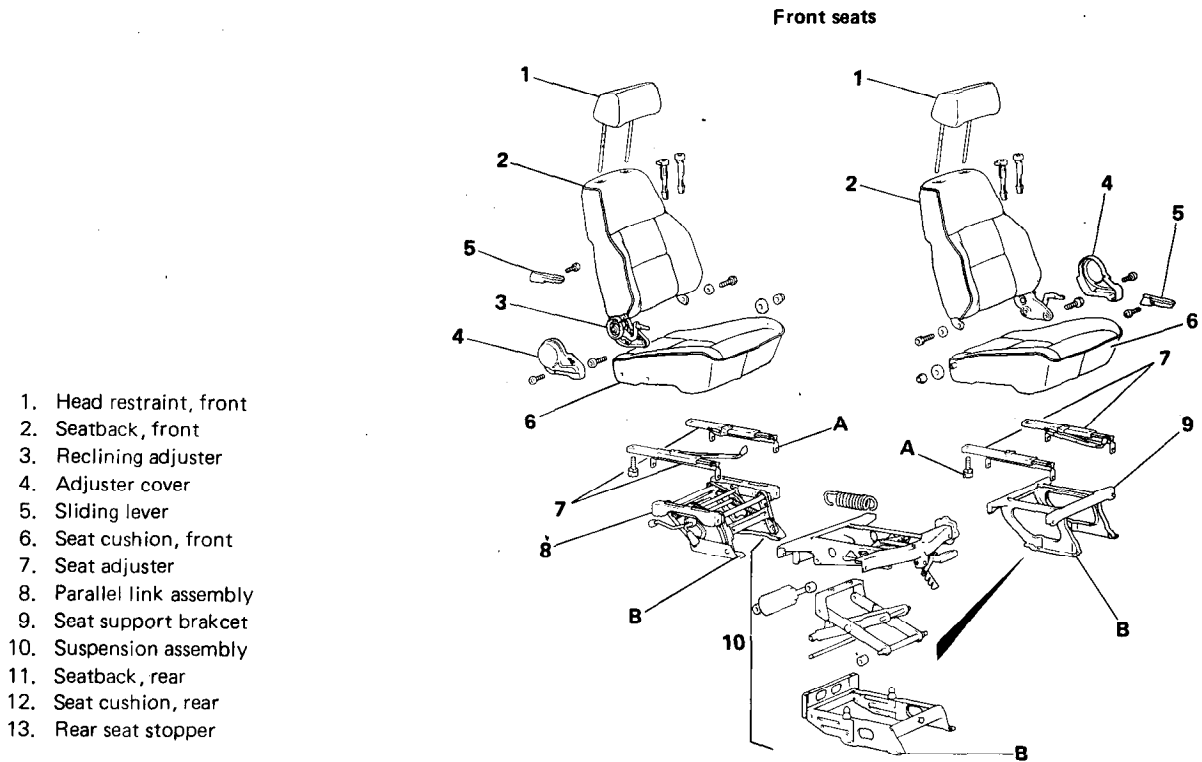


4. Bond the headlining edges as shown.

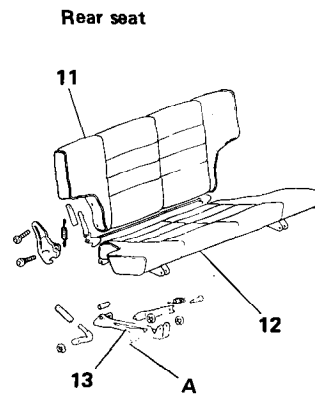




## COMPONENTS



	Nm	ft.lbs.
A	10-14	7-10
B	32-49	23-35

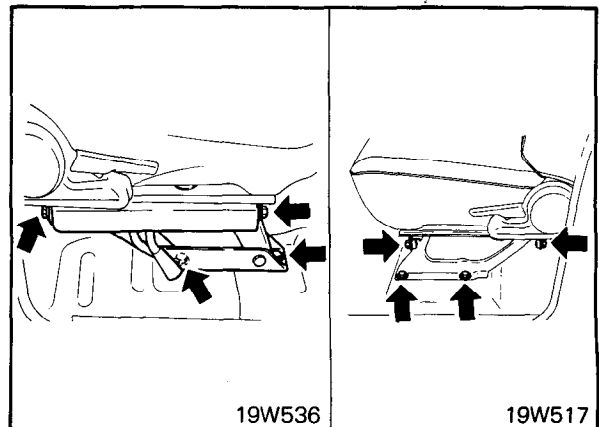


19W550

## FRONT SEATS

### Removal

1. Detach the seat from the floor panel and remove the seat assembly. (19W536, 19W517)
2. Detach and separate the seat cushion from the bracket of the seat assembly.





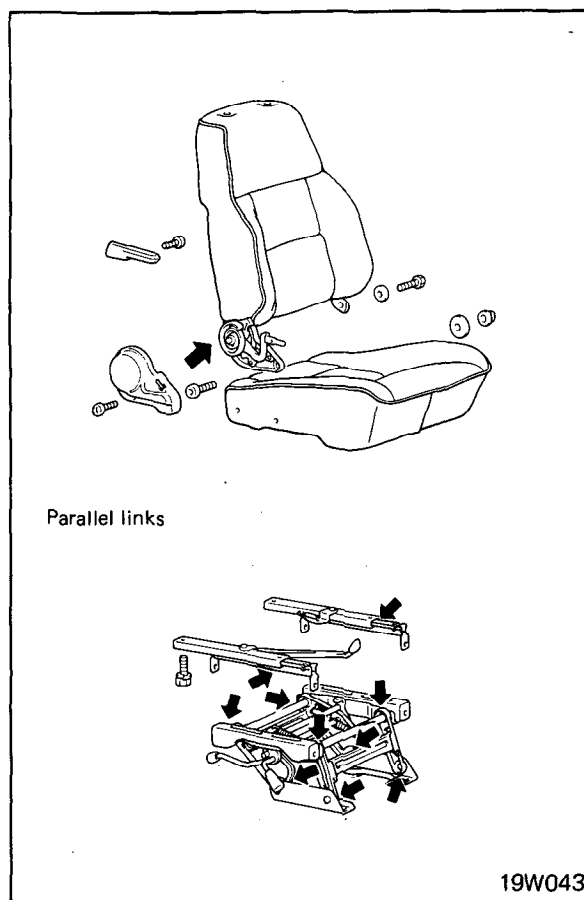
## COMPONENT SERVICE-SEATS

### Installation

1. Apply multipurpose grease to the following points.  
(19W043)

Recommended grease . . . . . Multipurpose grease  
SAE J310a, NLGI grade #2EP

- (1) Sliding parts of seat adjusters
- (2) Sliding parts of parallel links
- (3) Sliding parts of reclining adjusters
2. After the seat has been installed, check to ensure that the seat adjusters lock at all lock positions when the seatback is moved slowly.
3. Check to ensure that the forward folding and return mechanisms of the parallel links operate smoothly and lock securely.



### SUSPENSION SEAT

#### Outline

The suspension seat has a special suspension mechanism in the base frame and is installed on the driver's seat side. When the vehicle travels on an uneven ground surface or rough road, the seat absorbs the body vibration the vehicle takes from the road surface, reducing driver fatigue and assuring a more comfortable ride.

The seat offers the following features:

- (1) Pantograph type link mechanism
- (2) Optimum combination of coil spring and shock absorber
- (3) More comfortable ride by adjust body weight meter to driver's weight
- (4) Fixed position of seat can be adjusted in three height levels

The components of the suspension seat are as follows:

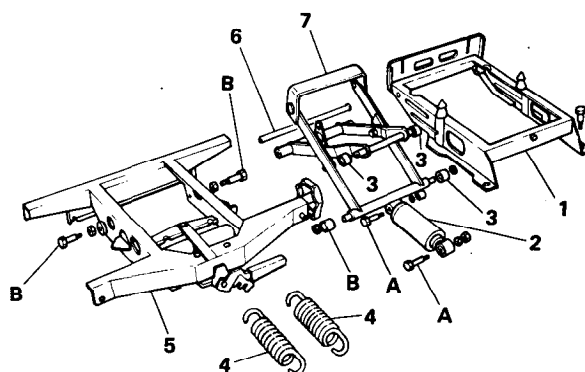




## Suspension system

1. Lower bracket
2. Shock absorber
3. Roller
4. Coil spring
5. Upper bracket
6. Shaft
7. Link

	Nm	ft.lbs.
A	7-10	5-7
B	27-36	20-26

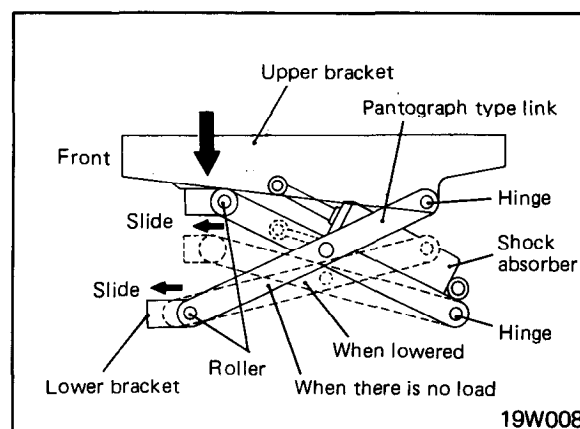


19W006

## OPERATION

### Suspension Mechanism

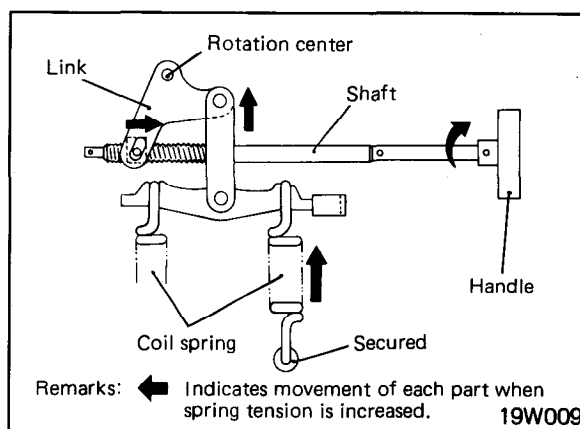
The suspension mechanism is constructed as shown. The lower and upper brackets of the link are coupled by hinges at one end and by rollers at the other, allowing forward and backward sliding. If a force in the direction of the arrow is exerted to the link (pantograph), the upper bracket is moved downward, so the shock absorbers hinge-coupled to the lower and upper brackets absorb vibration.



19W008

### Body Weight Adjusting Mechanism

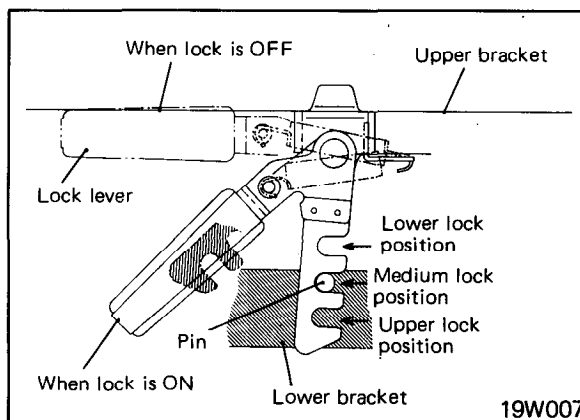
The body weight adjusting mechanism is constructed as shown in the illustration at right. When the handle is turned to match the driver's weight, the coil spring secured to the upper bracket at one end and mounted through a link at the other is displaced in the direction of the arrow by movement of the nut at the end of the shaft of the handle, so the spring tension changes. Clockwise rotation of the handle increases the spring tension, while counterclockwise rotation reduces the spring tension.



19W009

### Suspension Lock Mechanism

The suspension lock mechanism is constructed as shown in the illustration at right. The seat lock position can be selected in three levels by a lock lever.



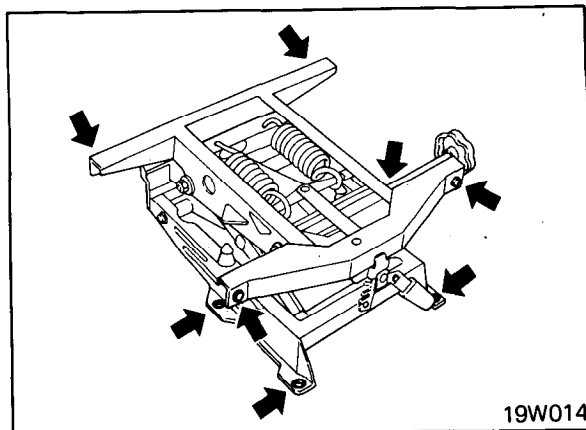
19W007



## COMPONENT SERVICE-SEATS

### REMOVAL

1. Remove the front seat mounting bolts.
2. Remove the lower bracket mounting bolts.

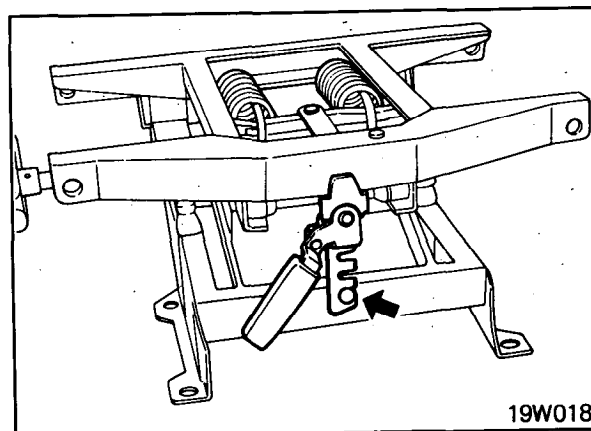


### INSPECTION BEFORE DISASSEMBLY

- (1) Check springs for damage and deterioration.
- (2) Check shock absorber for noise and fluid leaks.
- (3) Check all rightened points for looseness.
- (4) Check rollers for noise and damage.
- (5) Check links for cracks, bending or dents.
- (6) Check body weight adjusting handle for bends, damage or looseness.
- (7) Check lock lever for bends and damage.
- (8) Check damper rubber for cracks and damage.

### DISASSEMBLY

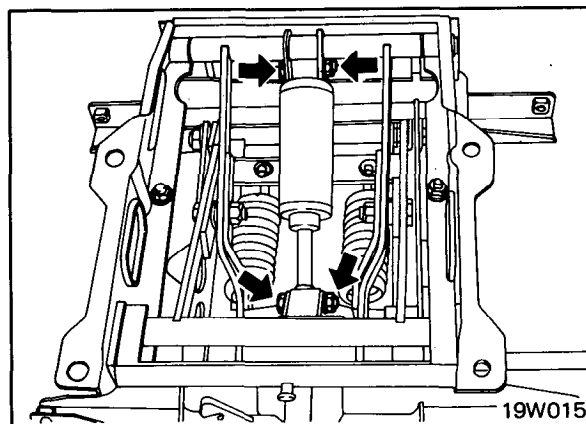
1. Turn the body weight adjusting handle counterclockwise all the way. (body weight scale reading should be less than 50 kg)
2. Lock the lock lever in the upper level position. (19W018)



3. Turn the suspension mechanism upside down and remove the shock absorber.

#### Caution

The shock absorber must not be disassembled.

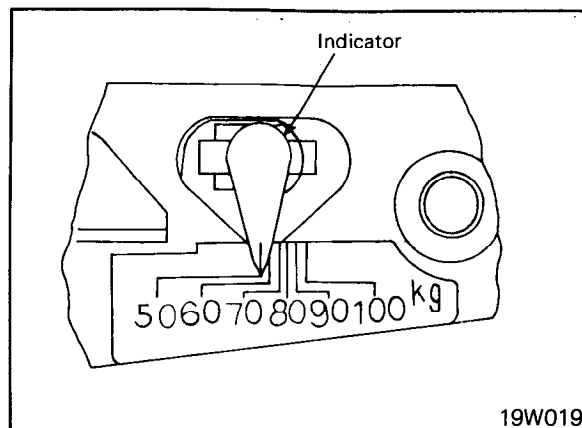




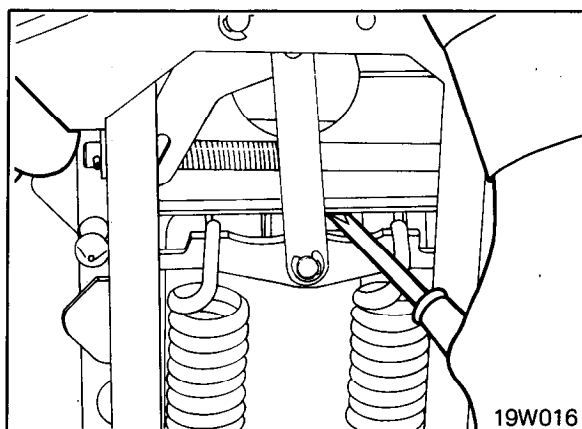
4. Place the suspension mechanism on its side.
5. Remove the body weight scale indicator from the link.  
(19W019)

## NOTE

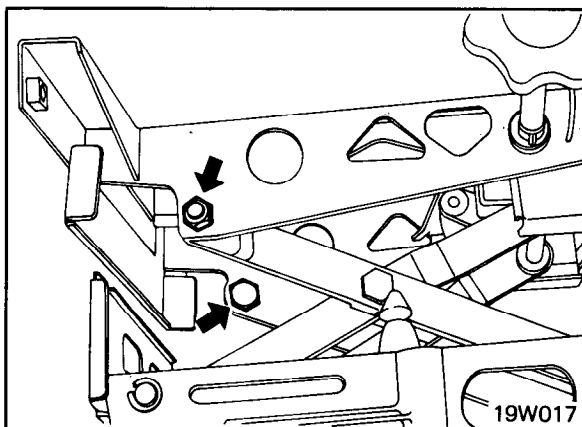
Before removing the indicator, make note of its position for use during reassembly.



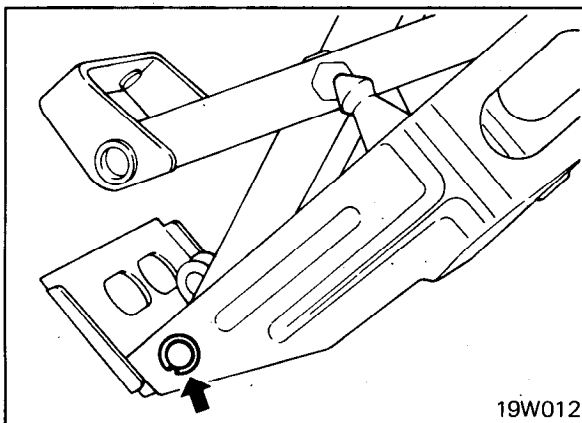
6. Using a screwdriver, remove the link side coil spring.



7. Remove the upper bracket side link mounting bolts and nuts.



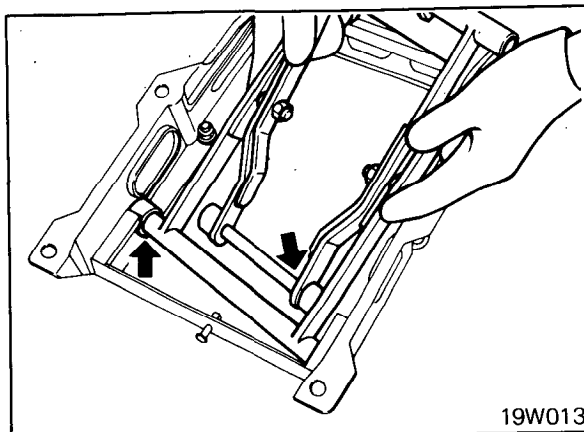
8. Remove the lower bracket side link mounting snap ring, and then remove the shaft.





## COMPONENT SERVICE-SEATS

9. Remove the link from the lower bracket side, and then remove the roller.



### REASSEMBLY

Apply recommended multipurpose grease to all sliding and rotating surfaces.

Recommended grease	Multipurpose grease
	SAE J310a, NLGI grade #2EP

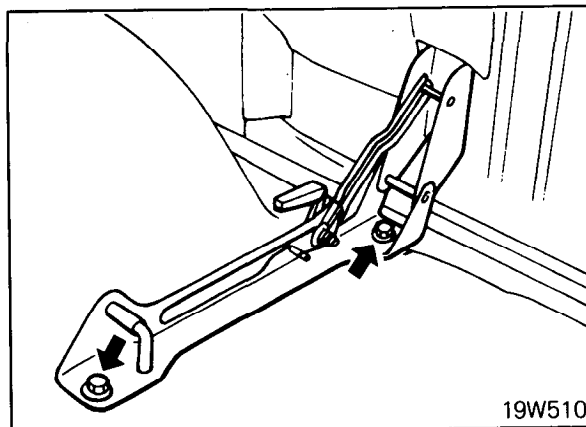
#### Caution

1. When installing the shaft, be sure that the serrations are aligned.
2. The shock absorber and link mounting nuts are special nuts. Be sure to use new identical ones.

### REAR SEAT

#### Removal

Fold the seat cushion forward and down, remove the mounting bolts, and then remove the rear seat.

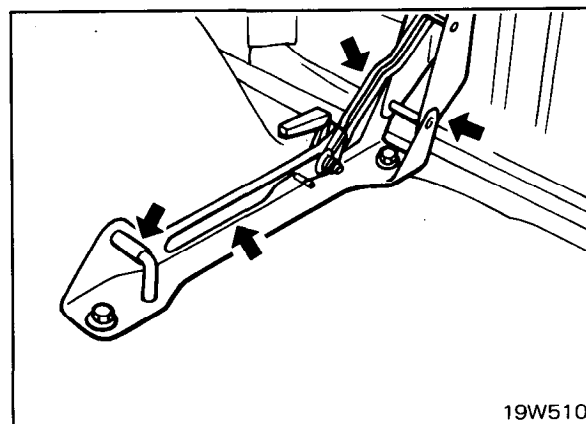


#### Installation

1. Apply recommended multipurpose grease to the following places. (19W510)

Recommended grease	Multipurpose grease
	SAE J310a, NLGI grade #2EP

- (1) Sliding part of rear seat stopper
- (2) Contacting part of rear seat stopper striker
2. After the seat has been installed, check to ensure that the lock release, forward-down, folding and return mechanisms all operate smoothly.
3. Check to ensure that when the seat cushion is folded, the seat stoppers lock securely.

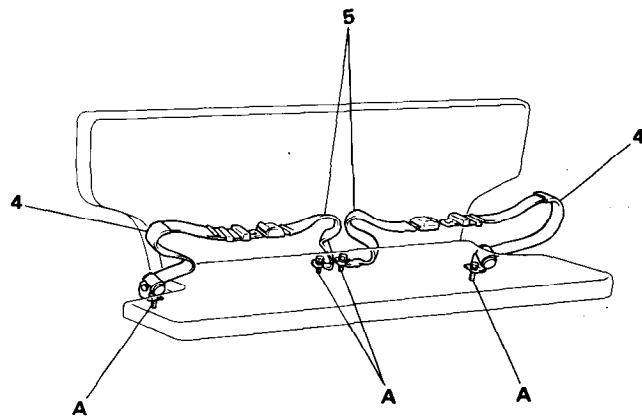
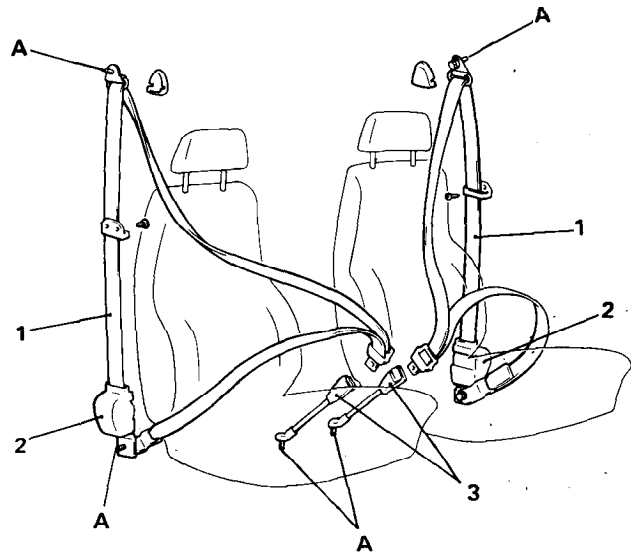




## COMPONENTS

1. Front seat belt
2. Emergency locking retractor (E.L.R.)
3. Buckle stalk
4. Rear seat belt
5. Rear seat belt, inner

	Nm	ft.lbs.
A	23-65	17-47

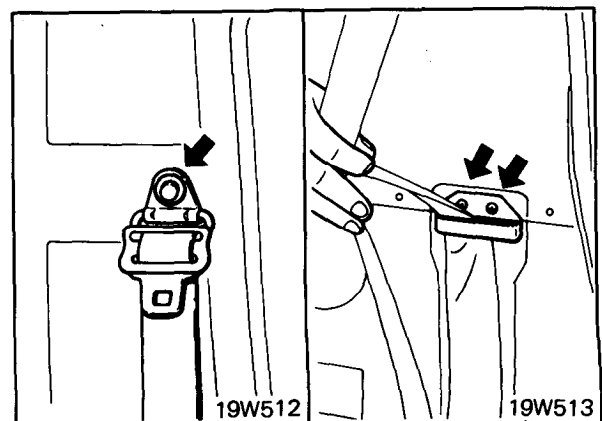


19W041  
19W563

## FRONT SEAT BELTS

### Removal

1. Remove the center pillar trim. (Refer to p. 23-58.)
2. Remove the shoulder anchor plate. (19W512)
3. Remove the screws of the seat belt guide located at the center of the belt. (19W513)





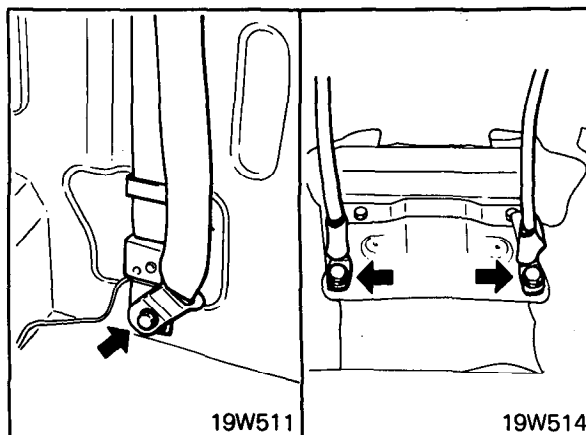
## COMPONENT SERVICE-SEAT BELTS

4. Disconnect the solenoid connectors and the seat belt switch connectors from the front harness.
5. Remove the retractor mounting bolts and remove the retractor. (19W511)
6. Remove the buckle stalk. (19W514)

### Caution

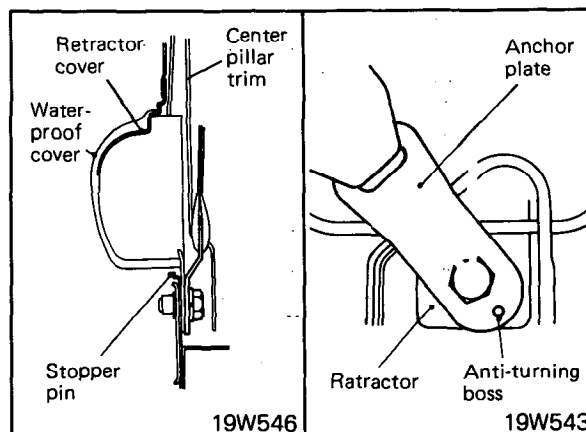
Special bolts (1-in. bolts) are used for the seat belt mounting bolts.

Do not disassemble the retractor.



### Installation

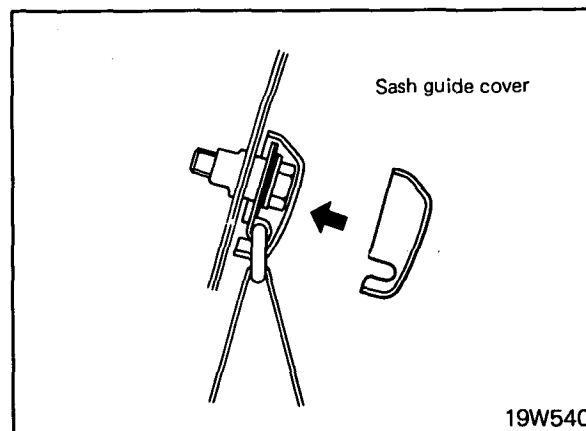
1. Fit the anti-rotation stopper pin of the webbing into the hole in the side sill. (19W546)
2. Fit the anchor plate anti-turning boss securely into the retractor side hole and jointly tighten the retractor and the anchor plate. (19W543)



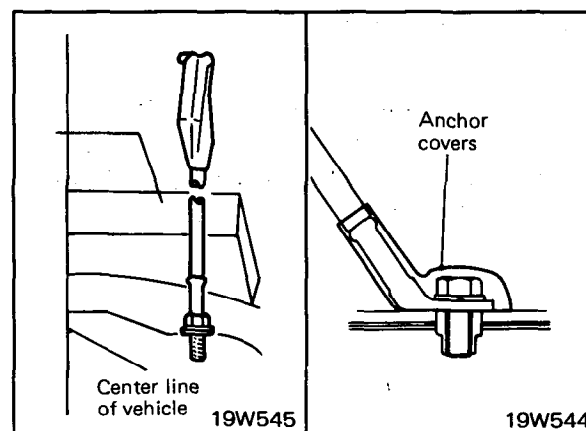
3. Install the shoulder anchor plate.
4. Install the seat belt guide.
5. Install the sash guide cover. (19W540)

### NOTE

After installation, check to ensure that the sash guide rotates smoothly.



6. Install the seat belt buckle stalk parallel with the center line of the vehicle.





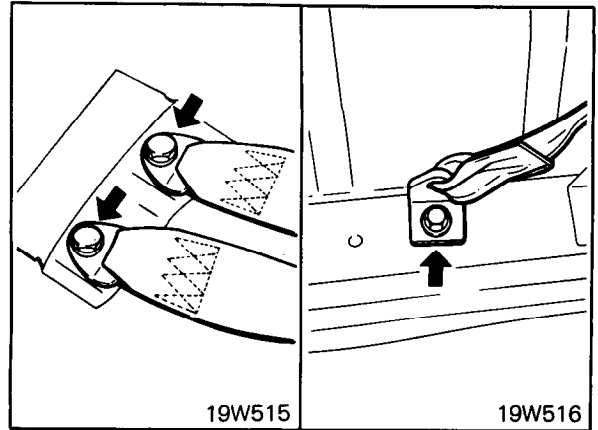
## REAR SEAT BELTS

### Removal

Remove the rear seat belts.

### NOTE

Special bolts (1-in. bolts) are used for the seat belt mounting bolts.



### Installation

Position the anchor plates at the center of the vehicle so that the belts are parallel to the vehicle center line, and then secure the plates with the bolts. (19W515, 19W516)

