

The following pages appear to be missing:

BO_013

BO_015

BO_016

BO_017

BO_018

BO_019

BO_020

I will try and get copies of these pages and fix this section up at a later date.

DAIHATSU
F70,F75,F77

**Service
manual**

BODY

DAIHATSU MOTOR CO., LTD.

NO.9703-FE

DAIHATSU

F70, F75, F77

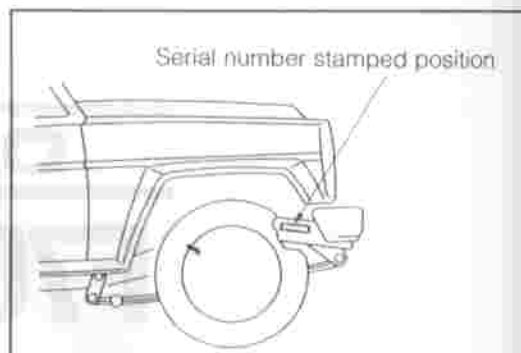
BODY

GENERAL INFORMATION	BO- 2	WINDOWS	BO-109
OUTLINE OF EXTERIOR	BO- 4	QUARTER WINDOW GLASS	BO-112
OUTLINE OF INTERIOR	BO- 48	BACK DOOR GLASS	BO-119
ALIGNMENT ADJUSTMENTS	BO- 58	FRONT DOOR GLASS AND	
HOOD LOCK CONTROL CABLE	BO- 61	REGULATOR	BO-122
RADIATOR GRILLE	BO- 63	FRONT DOOR	BO-126
FRONT BUMPER	BO- 66	BACK DOOR	BO-137
REAR BUMPER <F70 & F75>	BO- 67	REAR PILLAR MEMBER	BO-151
REAR STEP BUMPER <F77>	BO- 69	FRONT SEAT	BO-153
FRONT FENDER	BO- 70	REAR SEAT	BO-160
FRONT WHEEL OPENING		SUB SEAT	BO-166
EXTENSION	BO- 73	SEAT BELT	BO-168
REAR WHEEL OPENING		FUEL TANK	BO-172
EXTENSION	BO- 75	EXHAUST PIPE	BO-178
INSTRUMENT PANEL	BO- 77	BODY MOUNTINGS	BO-180
TRIM AND GARNISH	BO- 94	BODY DIMENSIONS	BO-182
ROOF HEADLINING	BO- 98	SST	BO-183
RESIN TOP	BO-103		

WRE91-B0001

GENERAL INFORMATION **CHASSIS SERIAL NUMBER STAMPED** **POSITION**

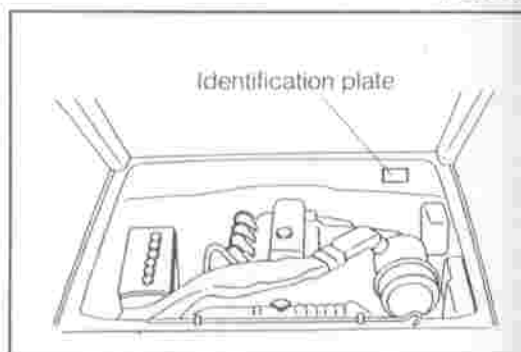
The chassis number is stamped on the right side member of the frame at its front side.



WRE91-80002

MANUFACTURER'S PLATE POSITION

The manufacturer's plate is attached on the cowl panel.



WRE91-80003

CONTENTS OF MANUFACTURER'S PLATE

(1) General and Australian Specification

①	DAIHATSU MOTOR CO. LTD. JAPAN	
②	TYPE	
③	CHASSIS NO	
④	ENGINE	
⑤	COLOR TRIM	
⑥	BUILT DATE	
⑦	ENGINE NO	
⑧	ダイハツ工業株式会社	

- ① Manufacturer's name, Country
- ② Vehicle model
- ③ Chassis No.
- ④ Engine type
- ⑤ Engine displacement
- ⑥ Body colors
- ⑦ Trim code
- ⑧ Engine number
- ⑨ Manufacturer's name in Japanese
- ⑩ Gross vehicle weight
- ⑪ Gross combination weight
- ⑫ Maximum permissible front axle weight
- ⑬ Maximum permissible rear axle weight
- ⑭ Production month-year (Only for AUS spec.)

(2) ECE & EEC Specification and New Caledonian Specification

①	DAIHATSU MOTOR CO. LTD	
②	TYPE	
③	Kg	
④	ENGINE COLOR	
⑤	Kg	
⑥	1 Kg	
⑦	2 Kg	

BODY COLOR INFORMATION

Mono. color	Code
White	045
Red	3E7
Green	G05
Grey Metallic	168
Black Metallic	6A5
Trad Green Metallic	G12
Marine Blue Metallic	B22

Two tone color	Code
Black Metallic/Grey Metallic	NA5 (6A5/168)
Red Mica Metallic/Grey Metallic	25L (3H1/168)
Trad Green Metallic/Grey Metallic	NB3 (G12/168)
Marine Blue Metallic/Grey Metallic	NB4 (B22/168)

Table showing colors of principal paint manufacturers

WRE91-B0005

COLOR	CODE				
	DAIHATSU	DUPONT	ICI	SPIES HECKER	STANDOX
WHITE	045	L8997	NW80	16067	045
RED	3E7	G8690	KK26	38299	3E7
GREEN	G05	G8691	KV77	68470	G05
GREY METALLIC	168	N8832	B936B	97728	168
BLACK METALLIC	6A5	G8742	A403B	97806	6A5
TRAD GREEN METALLIC	G12	L9652	D575B	90149	G12
MARINE BLUE METALLIC	B22	L9651	D576B	90150	B22
TWO TONE	NA5	G8742/N8832	A403B/B936B	97806/97728	NA5
TWO TONE	25L	G8730/N8832	PC86B/B936B	97840/97728	25L
TWO TONE	NB3	L9652/N8832	D575B/B936B	48715	NB3
TWO TONE	NB4	L9651/N8832	D576B/B936B	48716	NB4

WRE91-B0006

OUTLINE OF EXTERIOR

BODY SHAPE

The body shape comes in the following five kinds: F70 hardtop, F70 soft top, F75 resin top, F75 soft top and F77 pickup.



F70 HARD TOP



F70, F75 SOFT TOP



**F75 RESIN TOP
(wagon)**

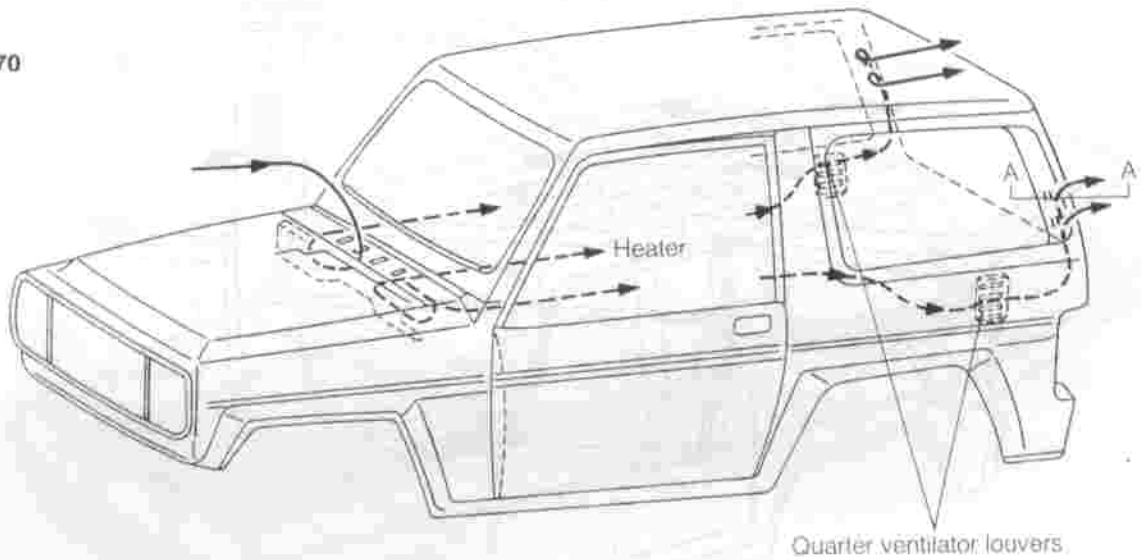


F77 PICKUP

VENTILATION SYSTEM

Fresh air is taken into the vehicle through the louver on the cowl panel via the heater and both ends of the instrument panel as well as through the center ventilator. Moreover, air is discharged from the ventilation louvers on the front doors and quarter ventilator louvers in the case of the F70V and F75V. In the case of the F77, air is exhausted from the ventilation louvers on the front doors and rear pillars.

F70



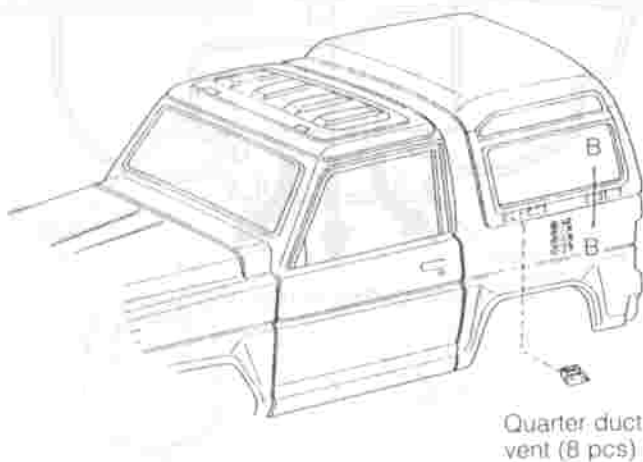
Ventilation of rear pillar section (A-A sectional view)

Former type

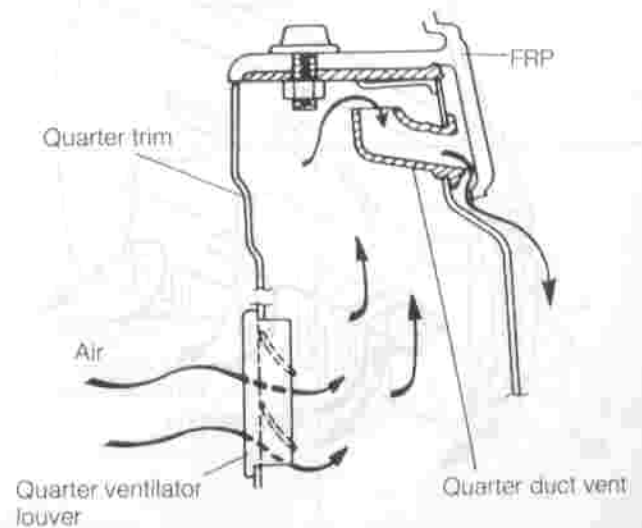
New type



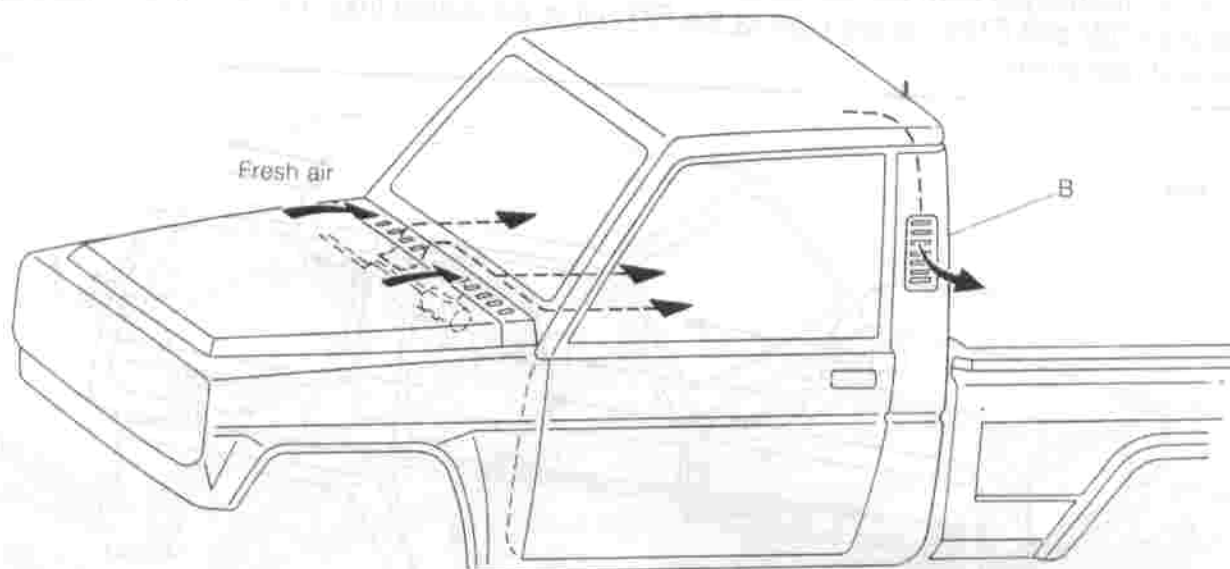
F75V



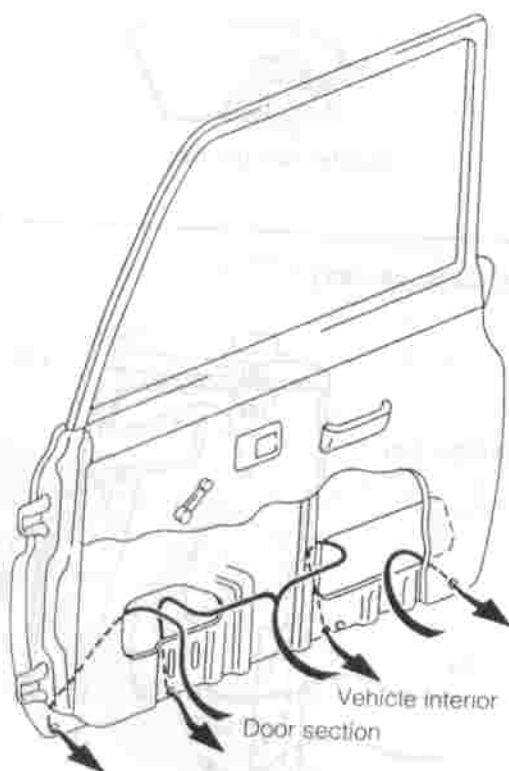
(B-B sectional view)



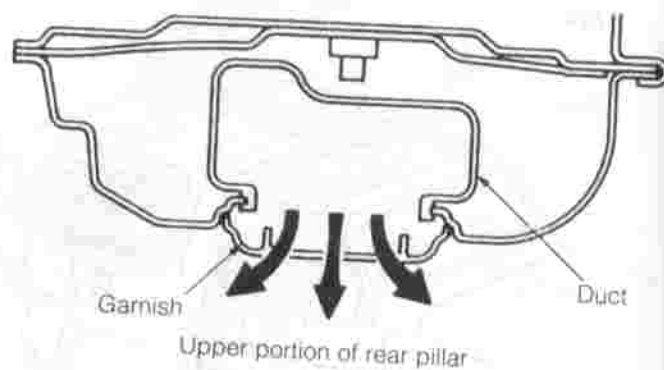
WRE91-B0009



A



B

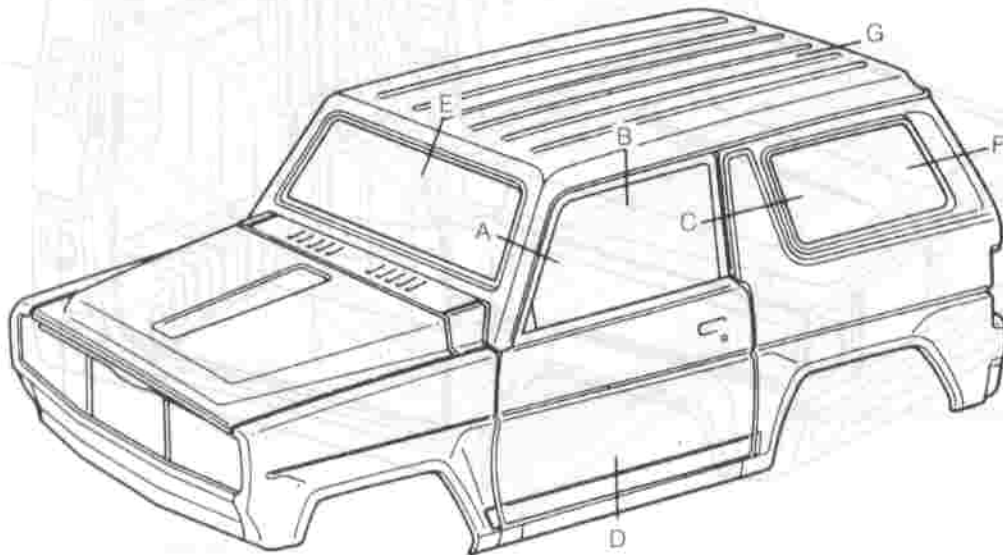


BODY SHELL

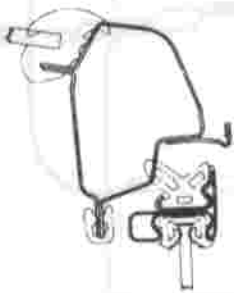
Reinforcements are provided at various parts of the body shell in order that adequate rigidity may be assured and the noise and vibration level may be reduced.

Basically, this body shell is shared in common with the hardtop, resin top (wagon) and soft top vehicles. The model F77 shares the same front body with the models F70 and F75. In addition, the model F77 is provided with a back panel.

F70V Model



A



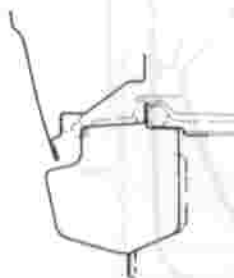
B



C



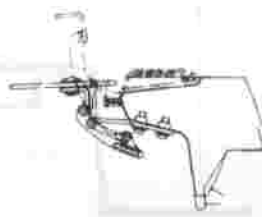
D



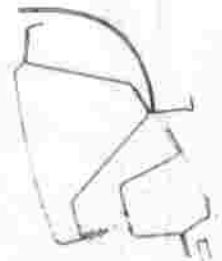
E



F

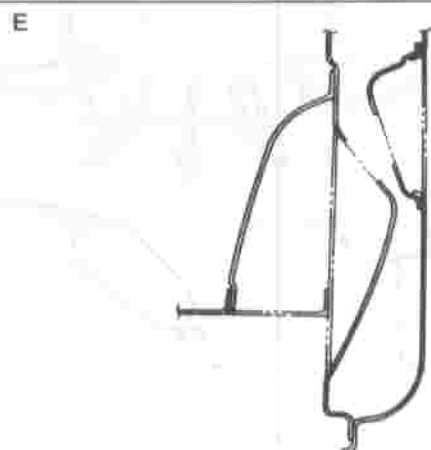
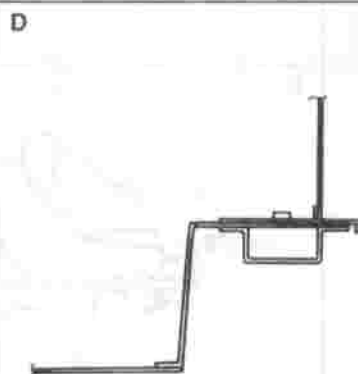
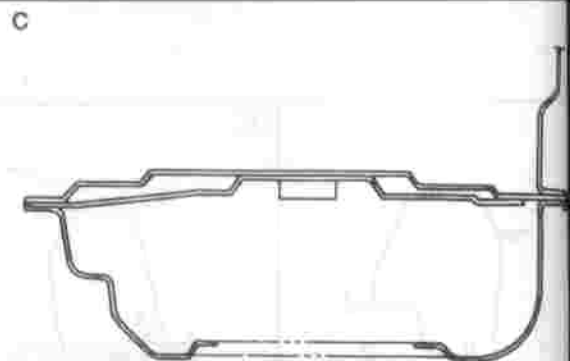
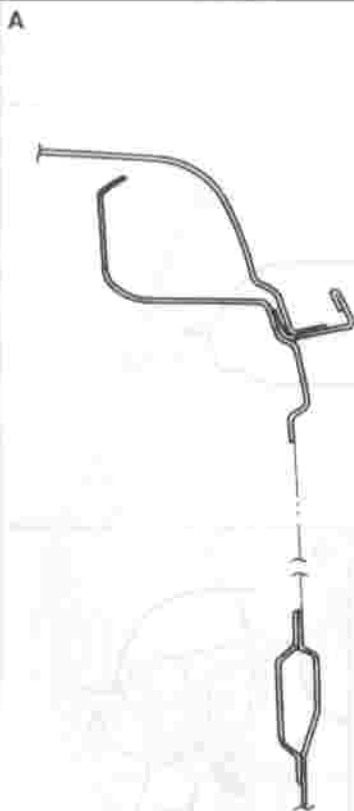
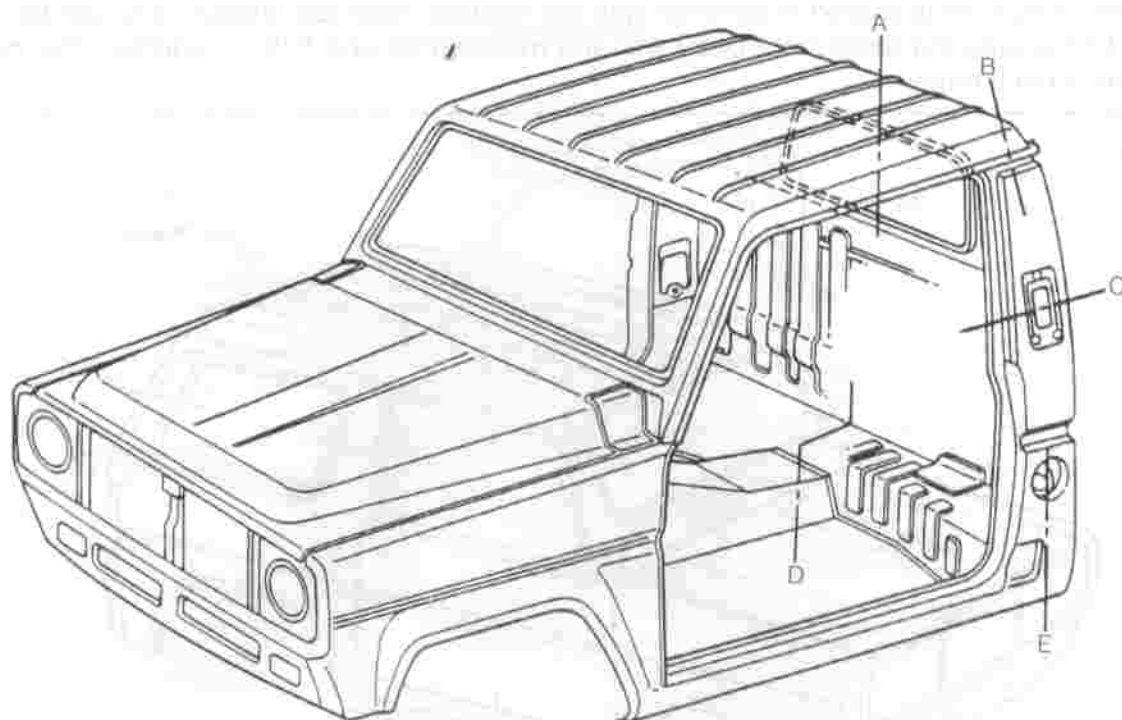


G

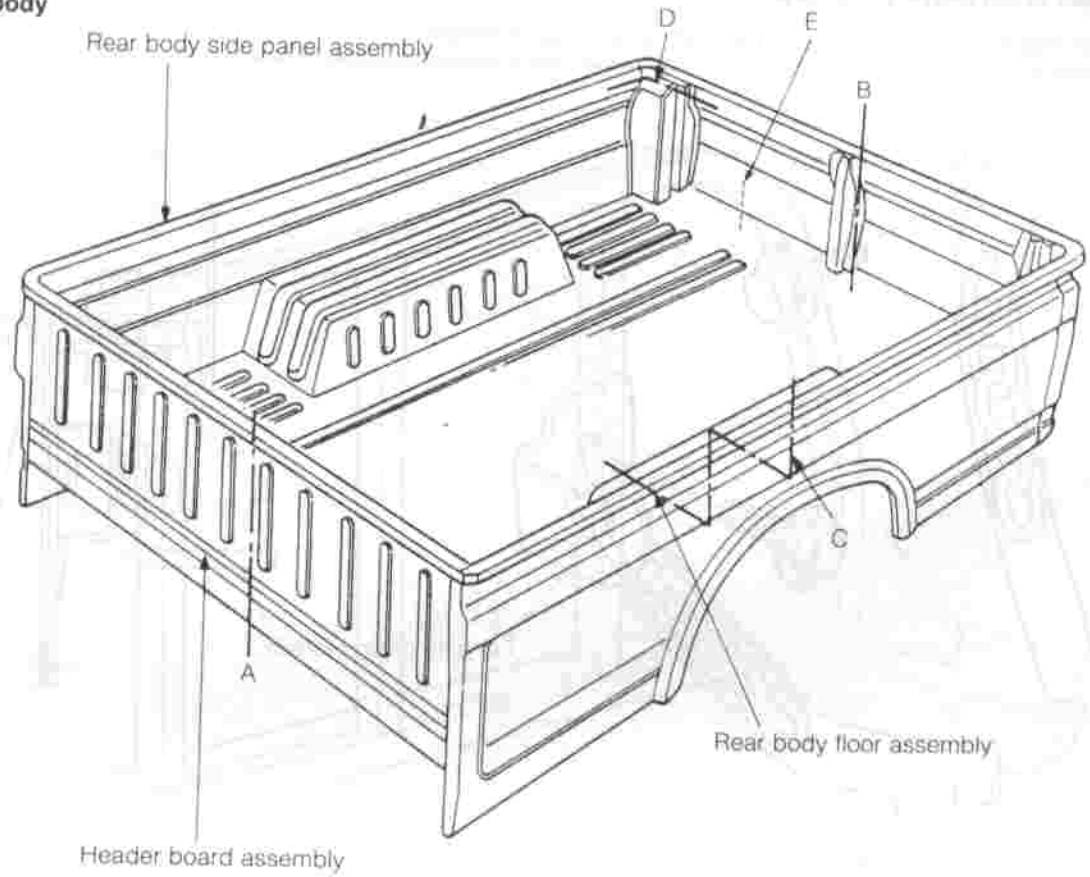


BODY

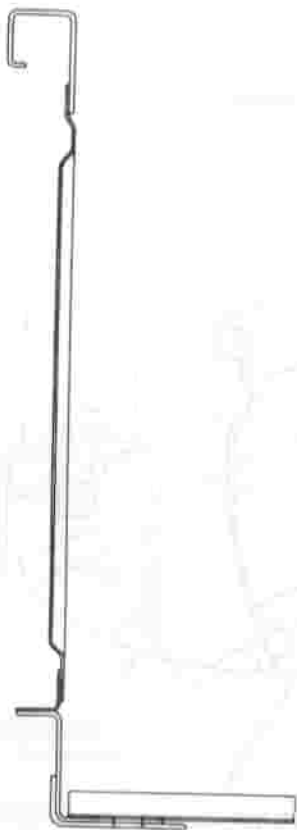
Model F77 Front body



Model F77 Rear body



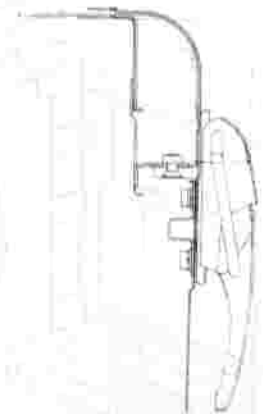
A



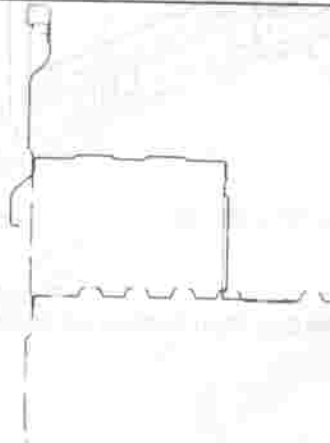
B



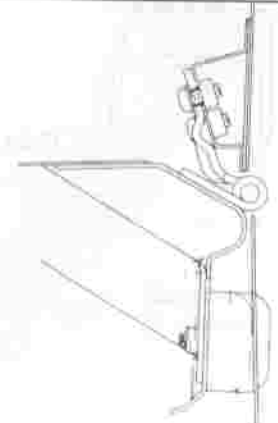
D



C



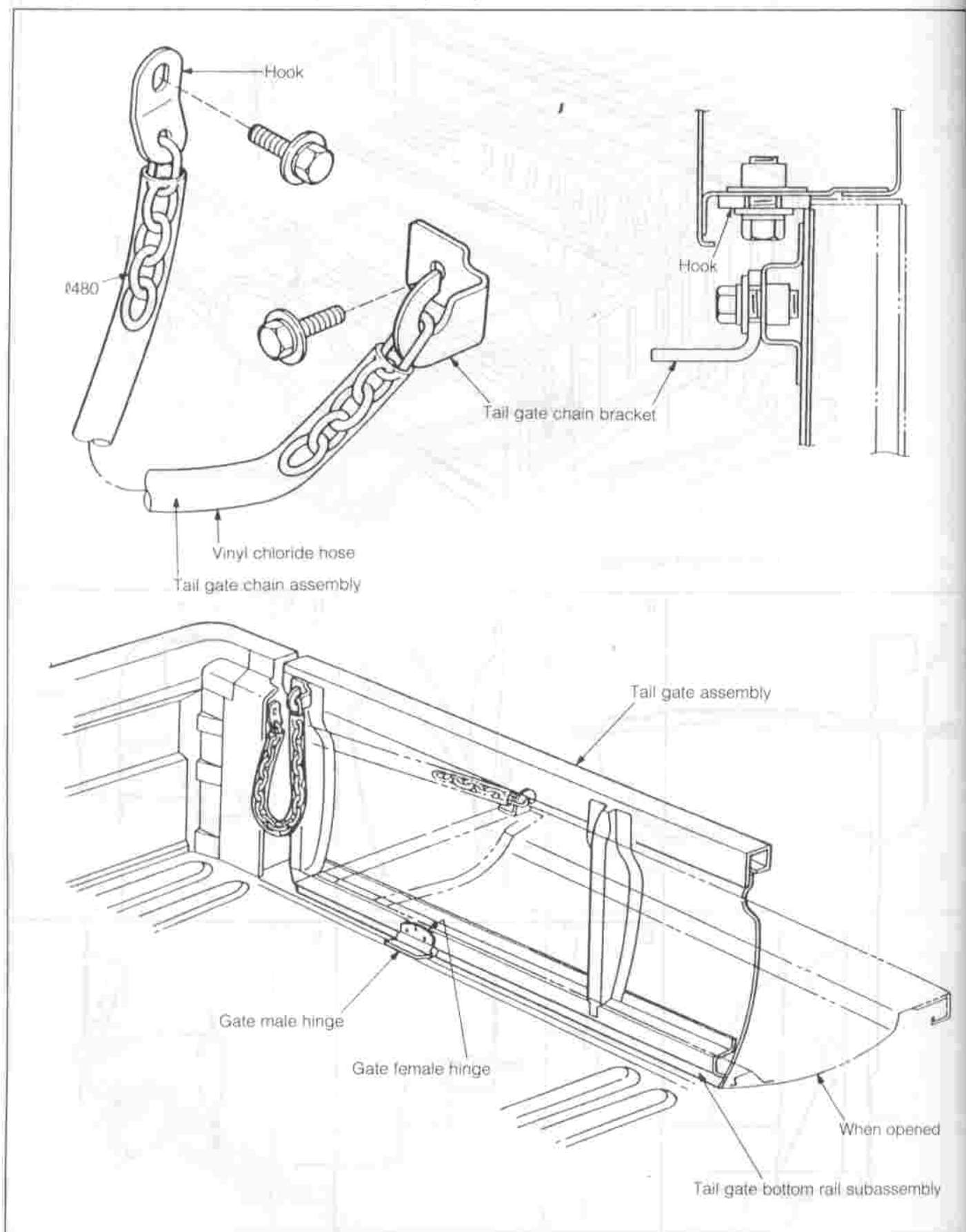
E



BODY

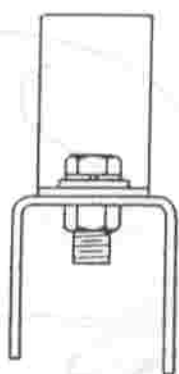
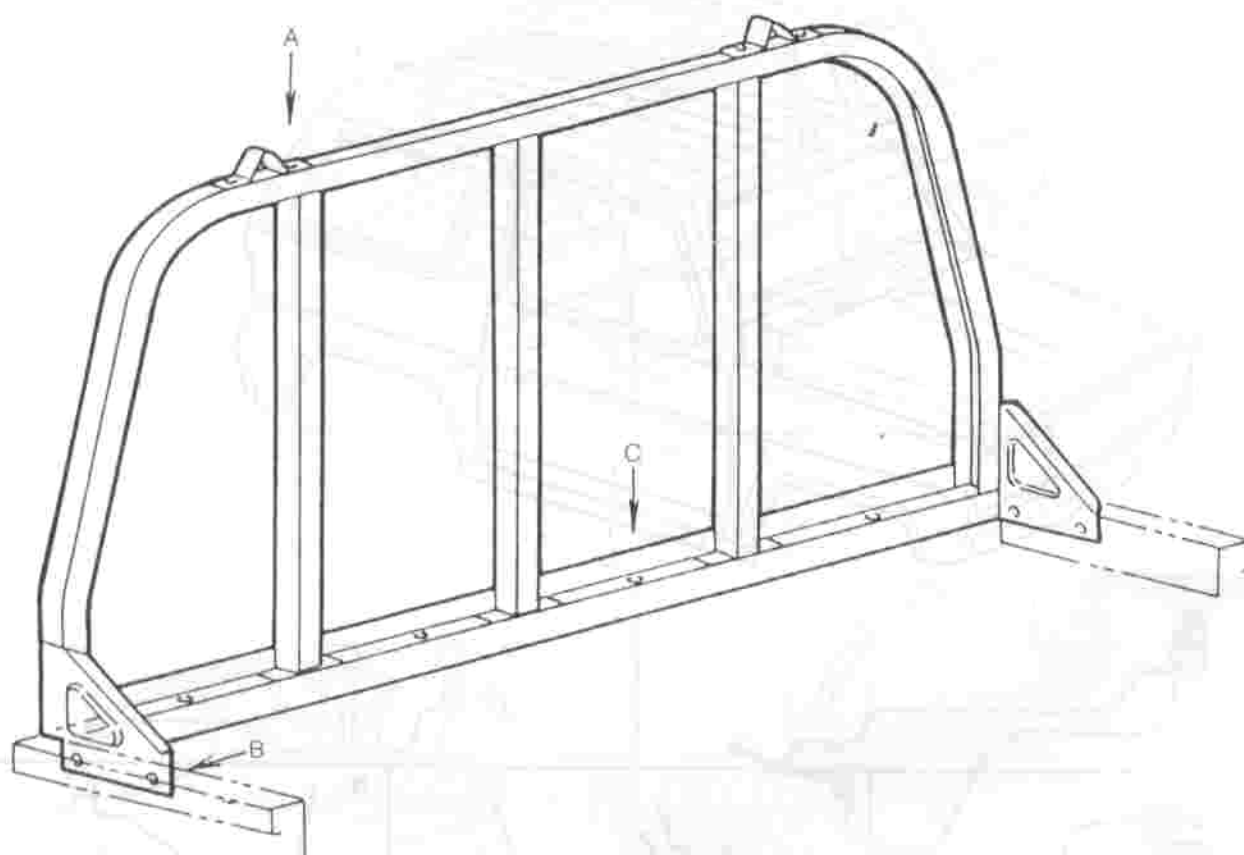
TAIL GATE CHAIN (Pickup)

A tail gate chain is available as option on all pickup models.

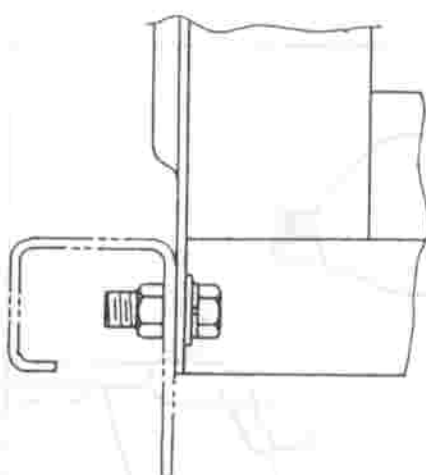


GUARD FRAME (Model F77)

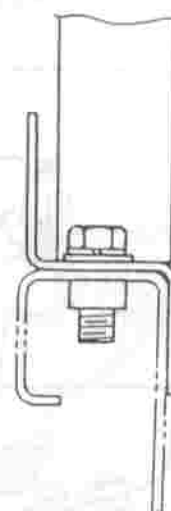
A guard frame is available as optional equipment on all pickup models.



Section A
(4 points)



Section B
(2 points for each of right and left)



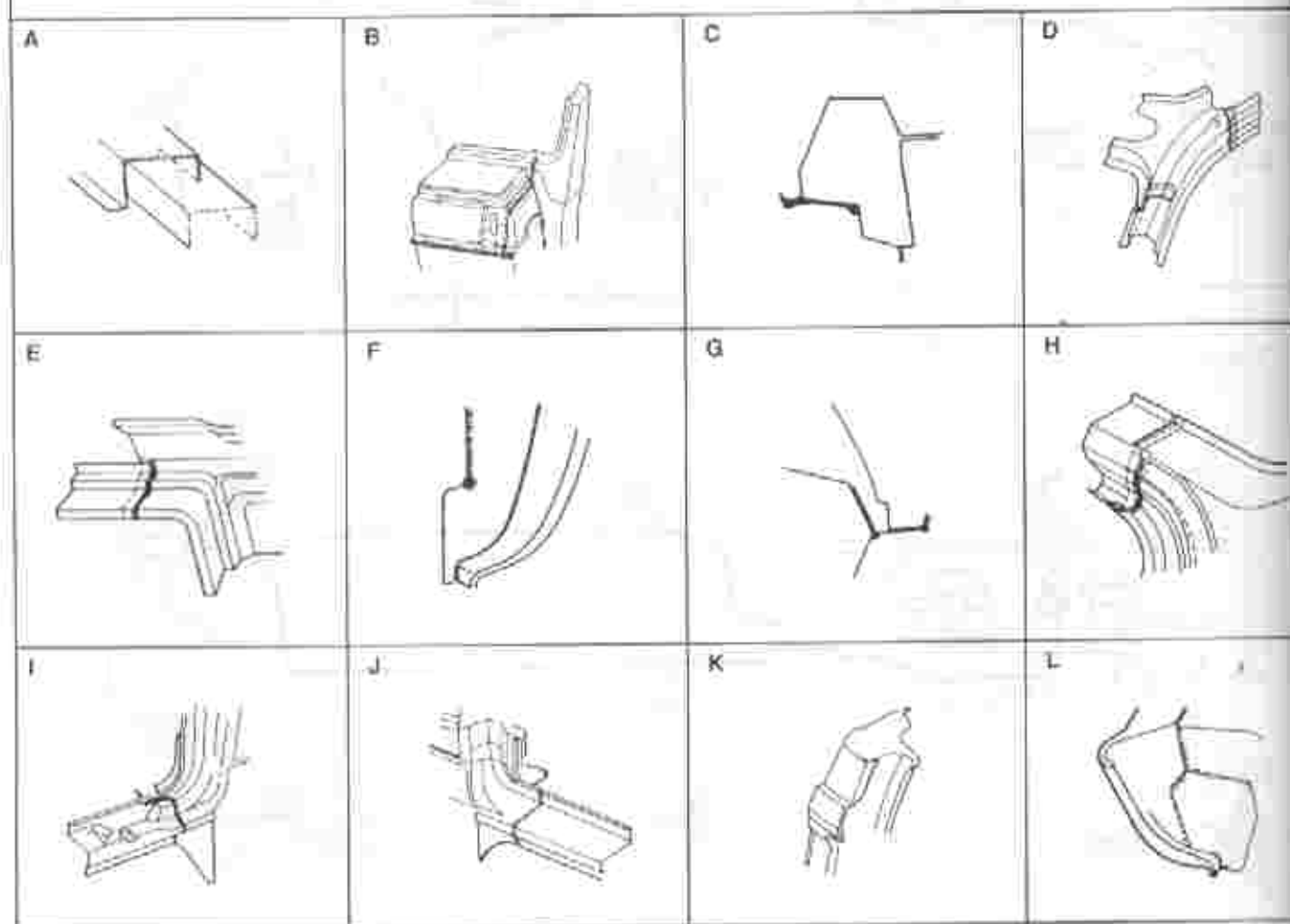
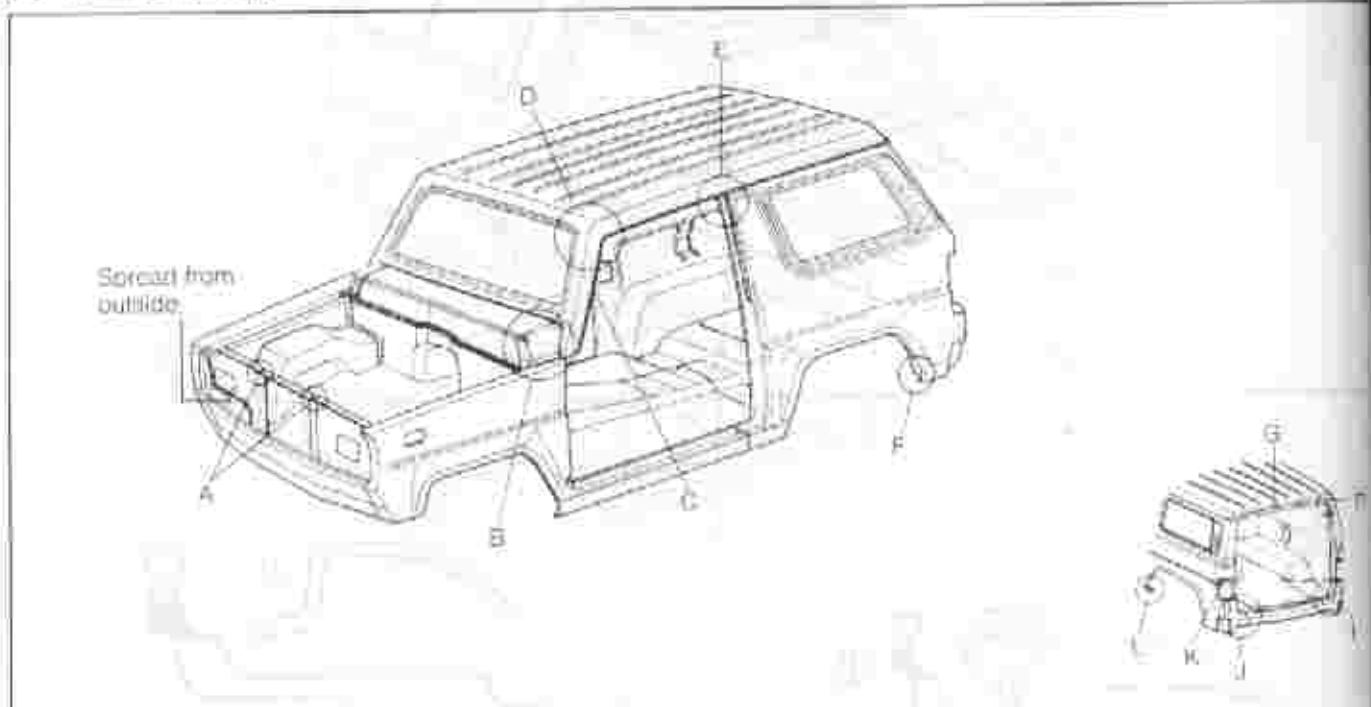
Section C
(4 points)

BODY

BODY SEALER

Body sealer has been applied to all the ends of the flanges at the connections on the body for higher wear, dust- and corrosion resistant characteristics.

(1) F70V (Hardtop)

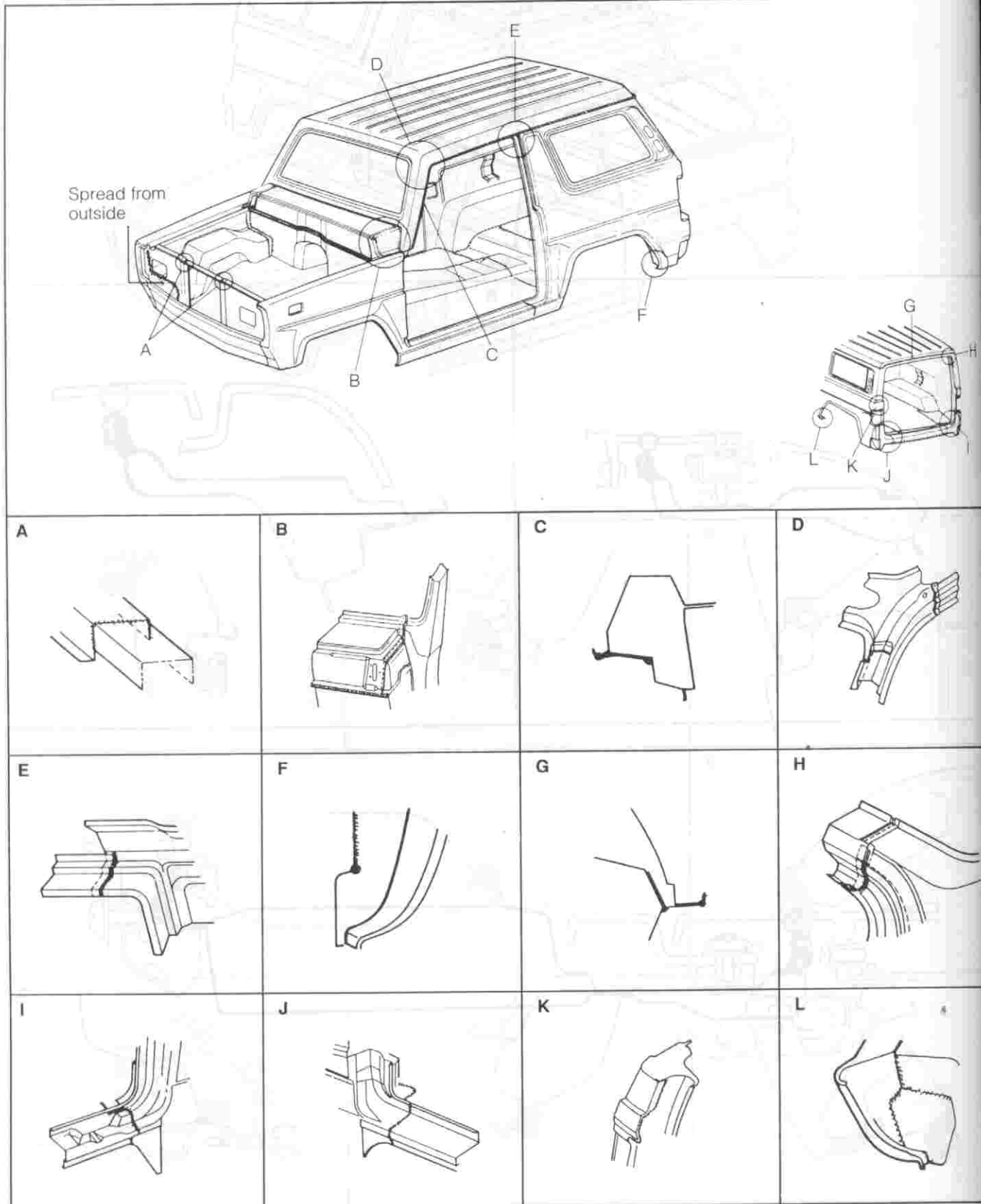


BODY

BODY SEALER

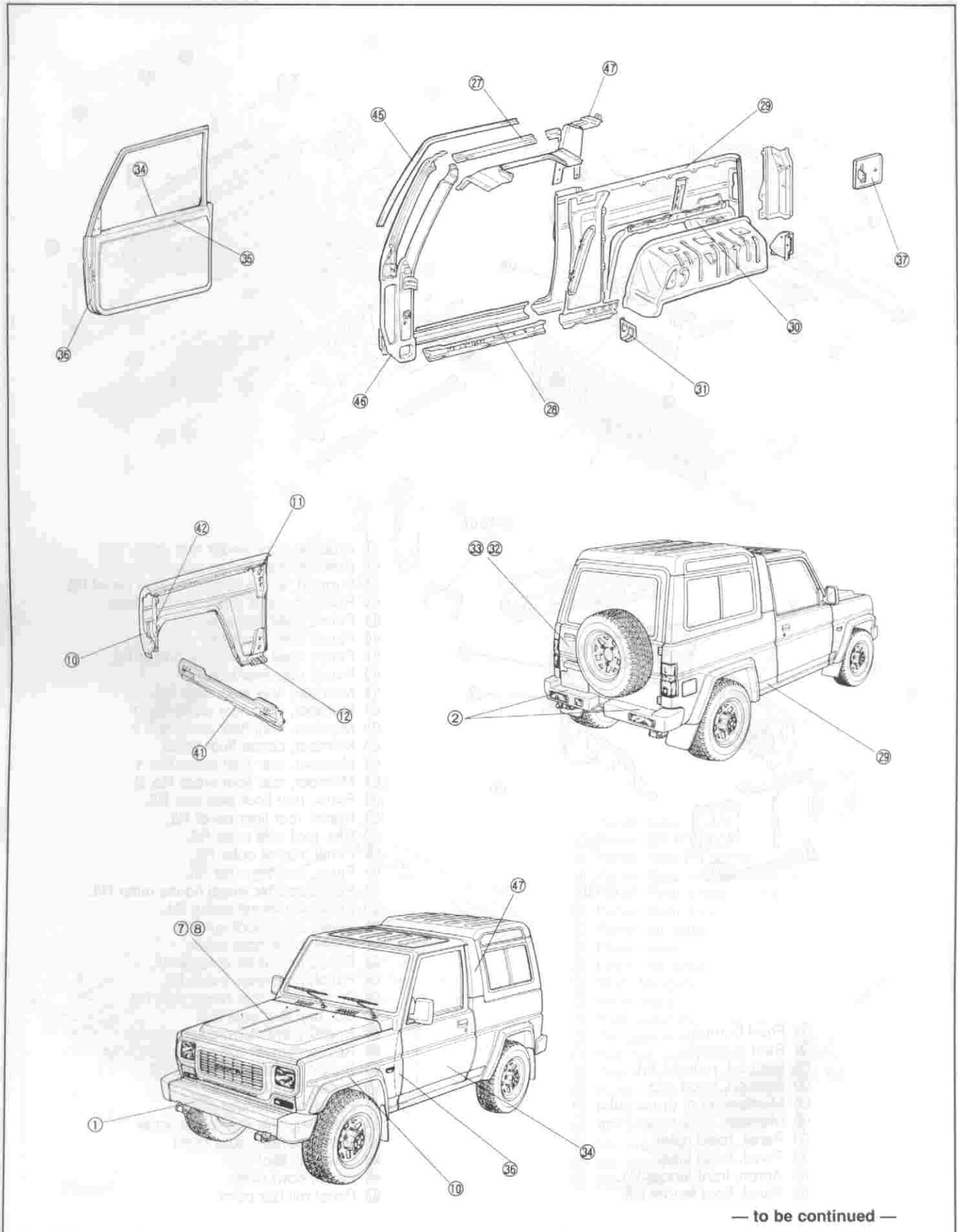
Body sealer has been applied to all the ends of the flanges at the connections on the body for higher water, dust- and corrosion resistant characteristics.

(1) F70V (Hardtop)



PARTS WHERE GALVANIZED STEEL SHEETS ARE USED

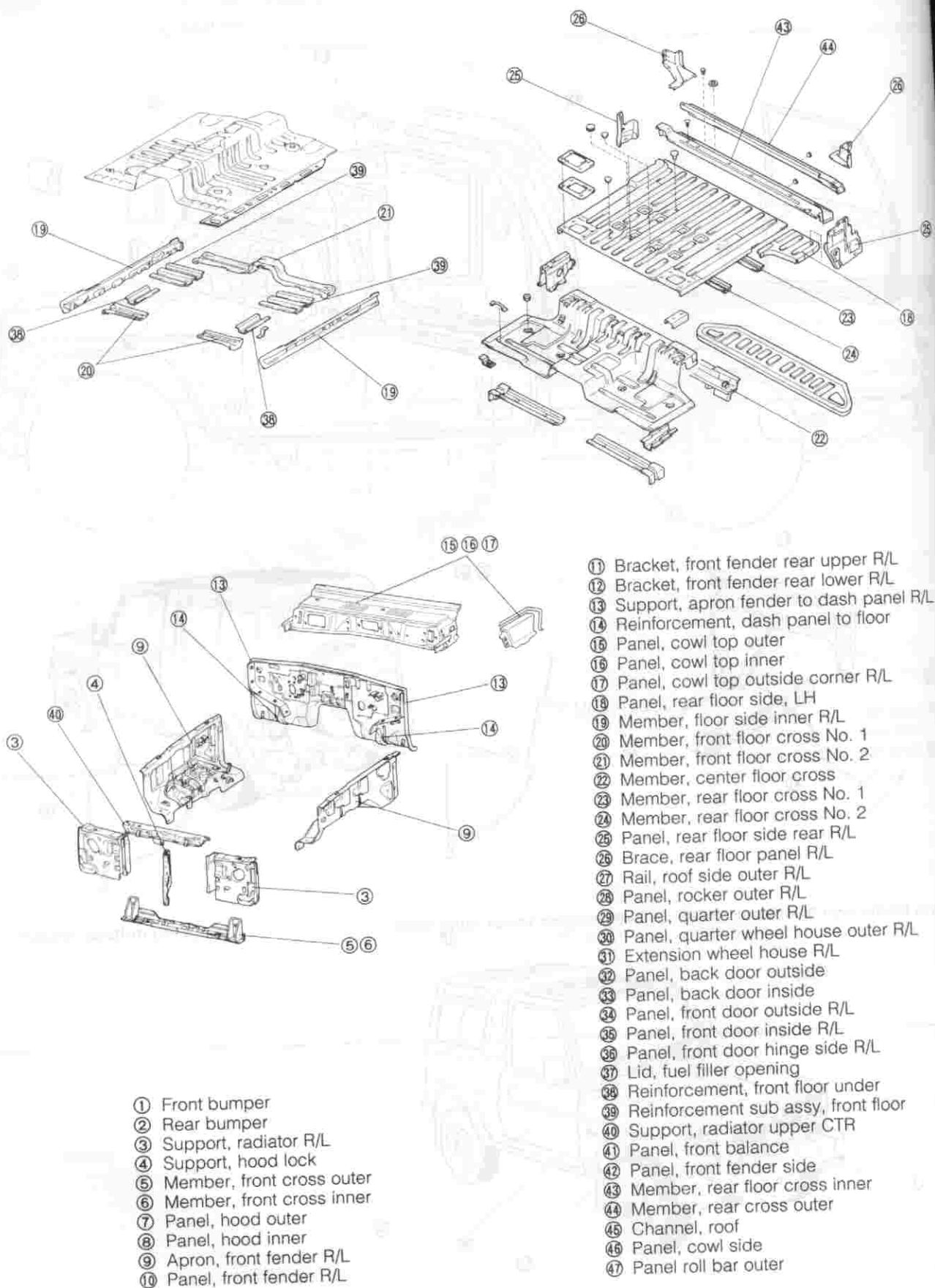
(Continued)



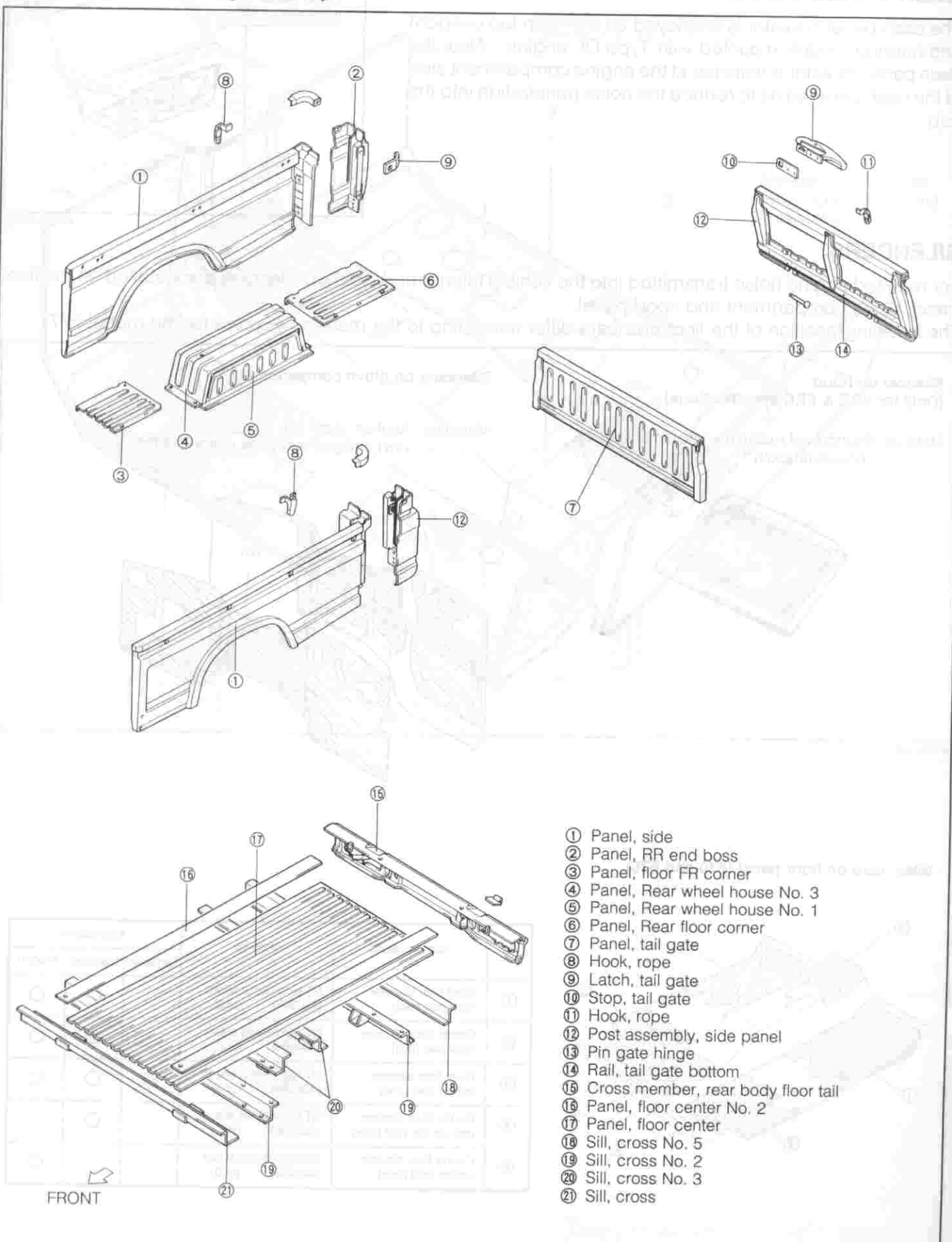
— to be continued —

BODY

(Continued)



(Continued — Pickup model)



BODY

DASH PANEL INSULATOR

The dash panel insulator is employed on the resin top (wagon) and hardtop models mounted with Type DL engine. Also, the dash panel insulator is installed at the engine compartment side of the dash panel so as to reduce the noise penetration into the cab.



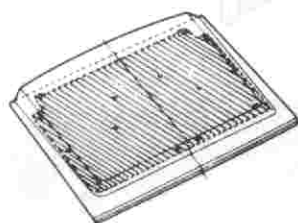
SILENCERS

For reduced engine noise transmitted into the vehicle interior and exterior, silencers are installed on the panel, glove compartment and hood panel.

The installing position of the floor silencers differ according to the models. (Except for the model F77)

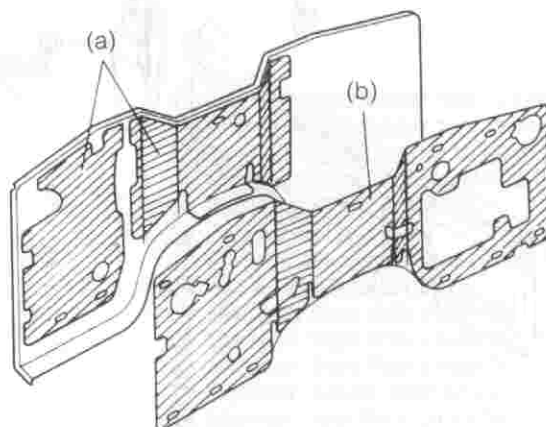
Silencer on hood (Only for ECE & EEC specifications)

Material: Soundproof material x inflammable non-woven cloth

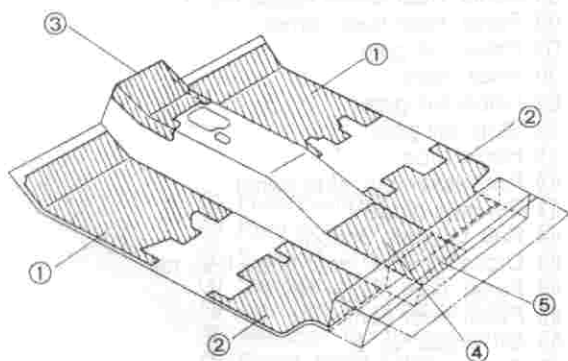


Silencers on glove compartment

Materials: Asphalt sheet (a), vinyl chloride resin and cotton felt (b)

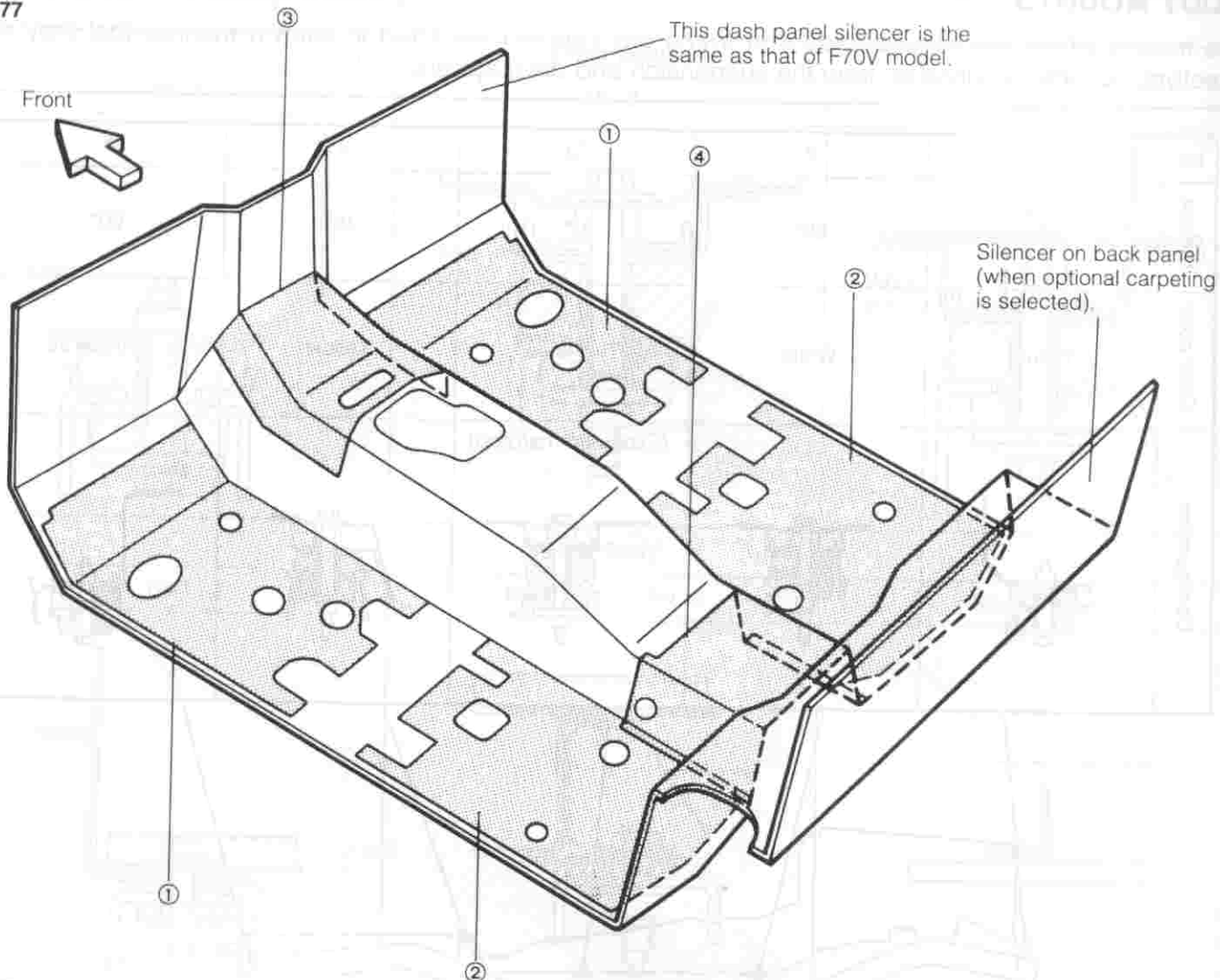


Silencers on floor panel (F70 and F75)



No.	Nomenclature	Material	Application		
			Tarpaulin	Hardtop	Wagon
①	Front floor silencer right pad (two)	NT high-damp sheet (AA-999) (t4.0)		○	○
②	Center floor silencer right pad (two)	NT high-damp sheet (AA-999) (t4.0)		○	○
③	Front floor silencer center pad (one)	NT high-damp sheet (AA-999) (t2.3)	○	○	○
④	Center floor silencer rear center pad (one)	NT high-damp sheet (AA-999) (t4.0)		○	
⑤	Center floor silencer center pad (one)	NT high-damp sheet (AA-999) (t4.0)			○

F77

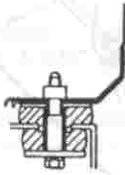
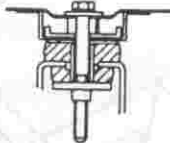
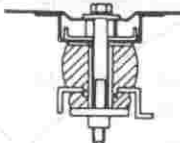
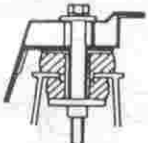
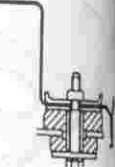


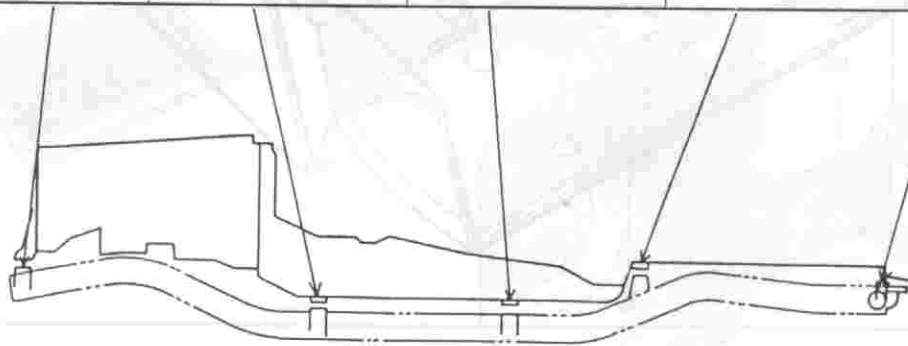
WRE91-BO030

BODY

BODY MOUNTS

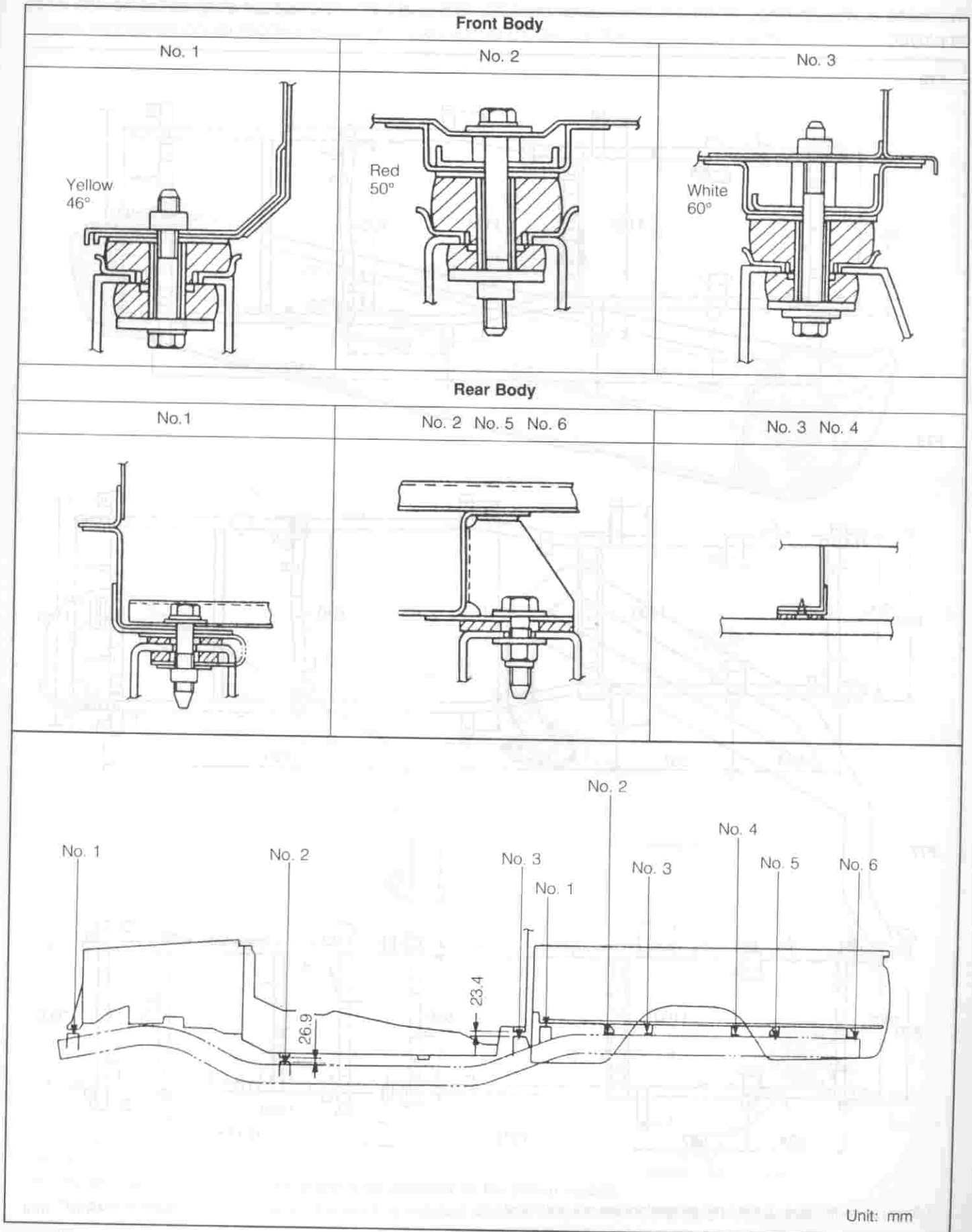
The mounts where the vehicle body and frame are coupled are fitted in such a manner that they effectively reduce the vibration from the suspension and drive system.

No.	1	2	*3	4	5
Hardness	46°	60°	42°	46°	60°
Color code	Yellow	White	Two lines	Yellow	White
Configuration					



*Hard top are free mount

(Continued — Pickup model)

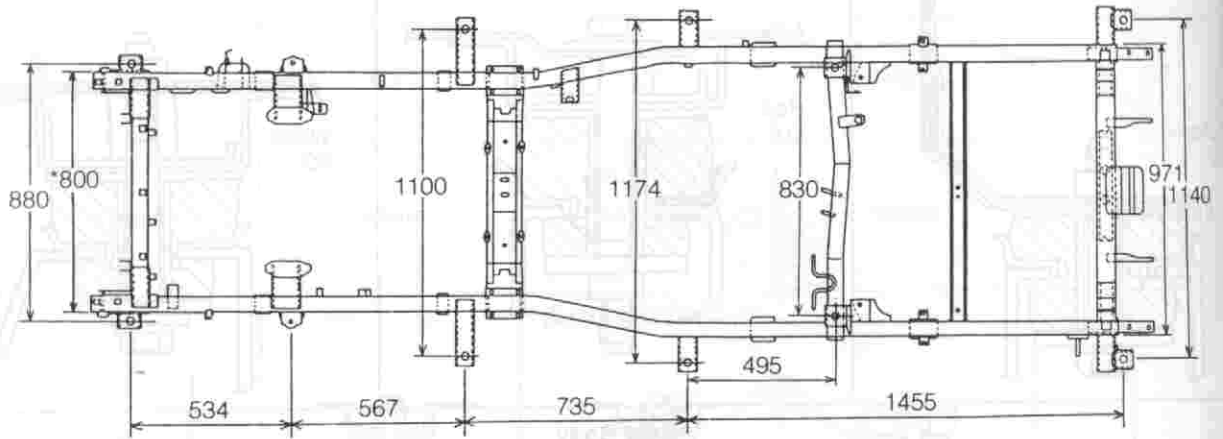


BODY

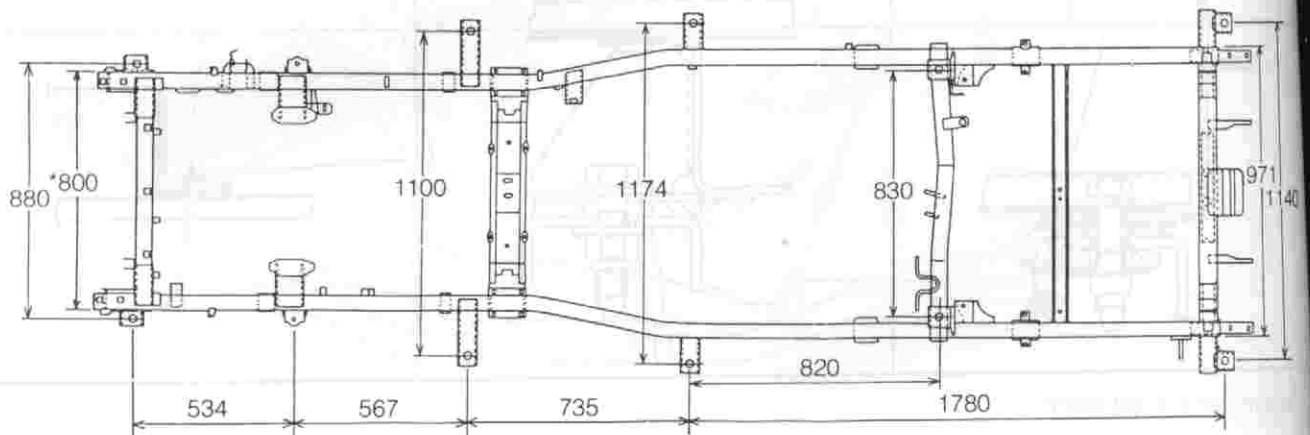
FRAME

The frame comes in three kinds; i.e. frames for the F70, F75 and F77. The ladder-shaped frame has been employed.

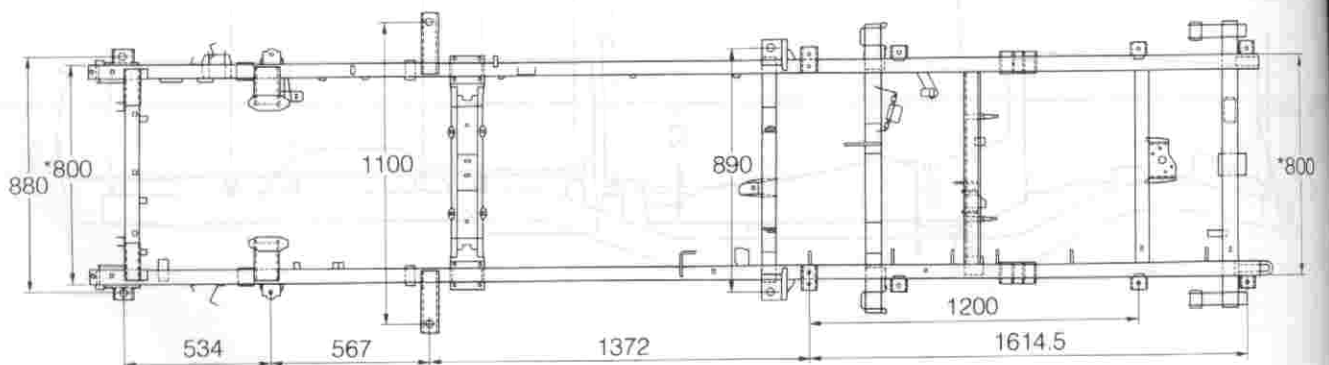
F70



F75



F77



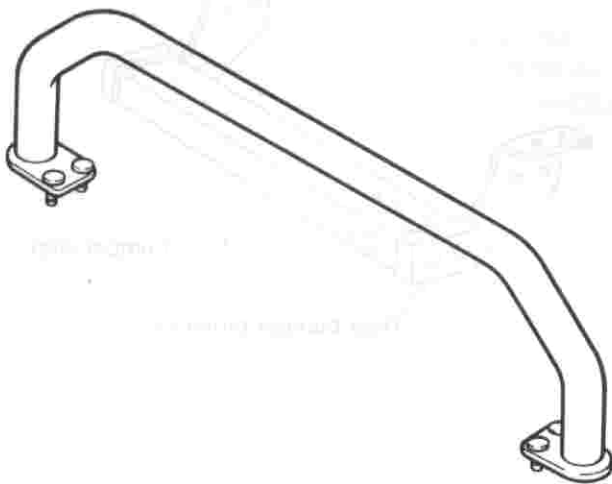
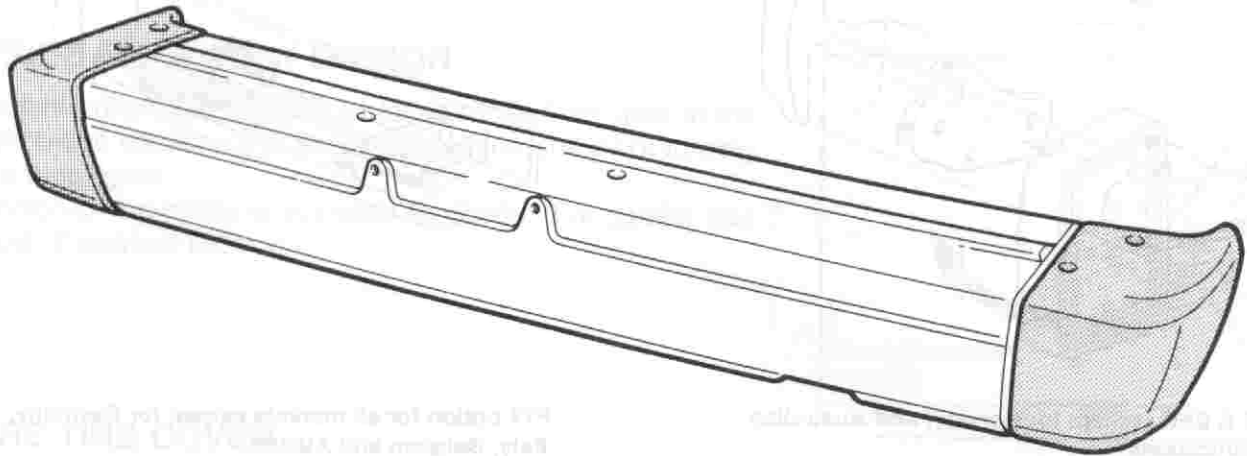
* Side rail width (size of side rail extension are not included)

Unit: mm

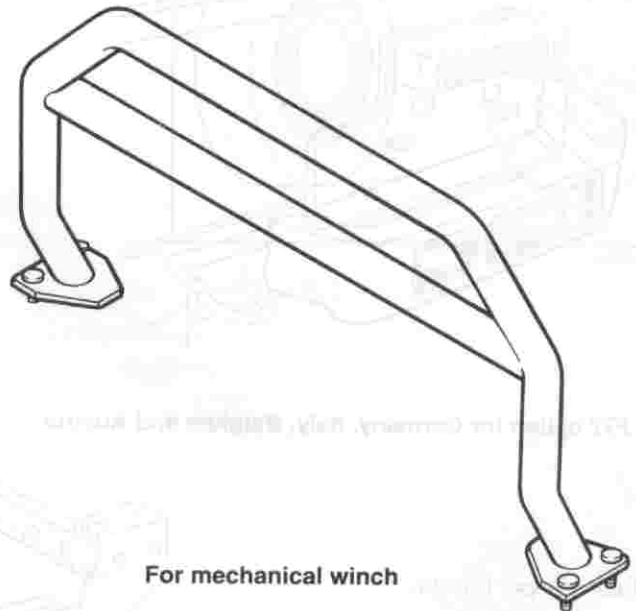
WRE91-803

FRONT BUMPER

On all vehicles, the front bumper adopts the large-sized bumper, as standard equipment, which has been hitherto-employed on all models except for the pickup model for the ECE & EEC specifications.



For standard



For mechanical winch

NOTE:

- The chrome-plated radiator grille guard is not available on the pickup models.
- The front bumper to be used when the winch is installed differs in shape from the standard front bumper.

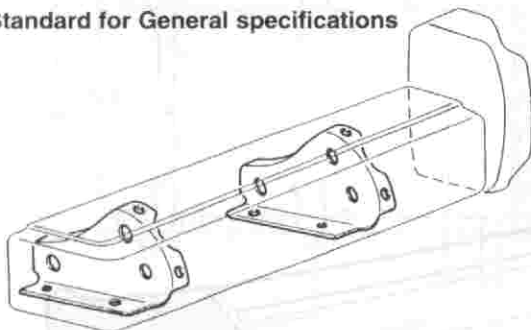
BODY

REAR BUMPER

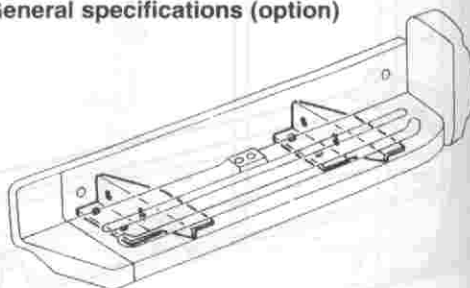
The rear bumper for the models F70 and F75 comes in three kinds. Two of them are the standard bumper and step bumper for the general specifications. The other is the bumper for the ECE & EEC and Australian specifications where the rear combination lamps and fog lamps are built in. (The rear fog lamps are standard equipment only for U.K., Germany and Belgium. On other specifications, they are optional equipment.)

F70 and F75 series

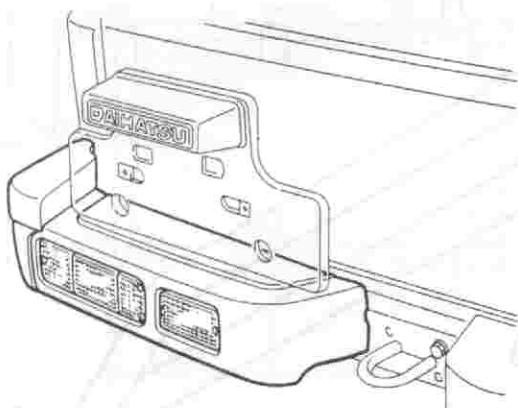
Standard for General specifications



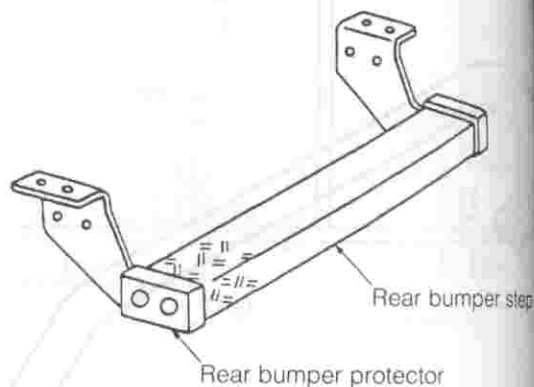
General specifications (option)



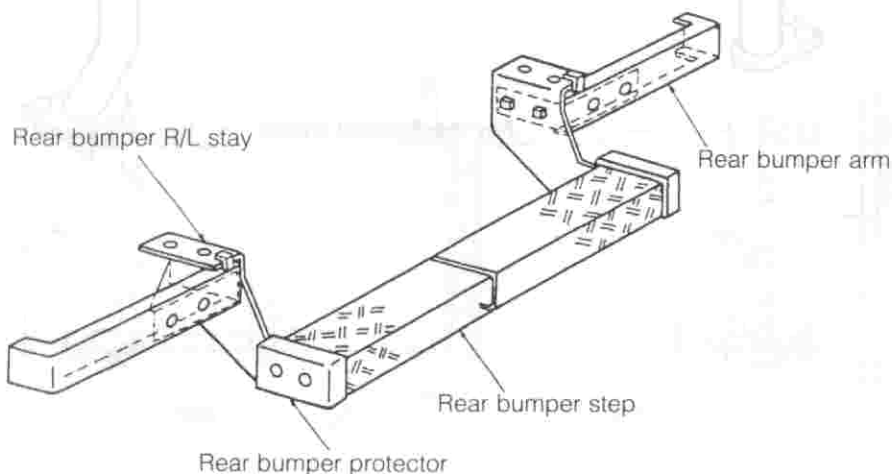
ECE & EEC (except for Norway) and Australian specifications



F77 option for all markets except for Germany, Italy, Belgium and Austria



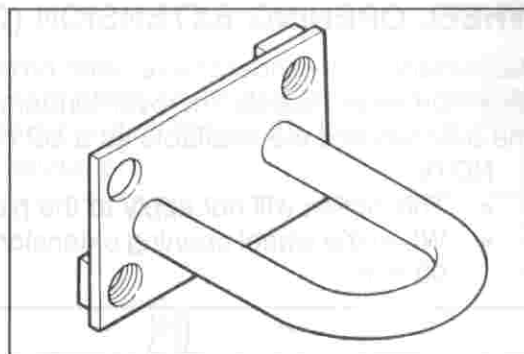
F77 option for Germany, Italy, Belgium and Austria



REAR TRACTION HOOK

**[ECE & EEC specifications (except for Norway)
and Australian specifications]**

The length of the rear traction hook has been increased in accordance with the employment of the large-sized rear bumper.

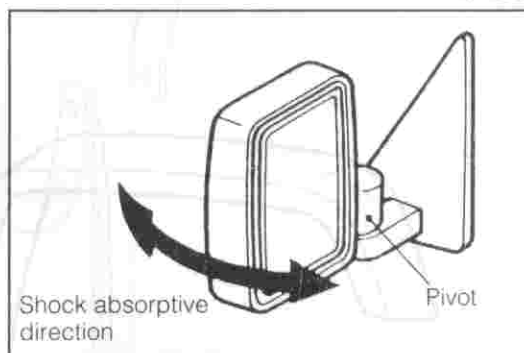


WRE91-BO037

OUTSIDE REAR VIEW MIRROR

The outside rear view mirror is installed to the front door at the triangle piece section. For shock absorption, the pivot turning type is employed.

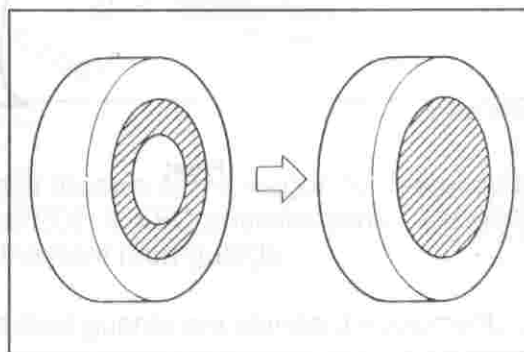
The motor-driven mirror is available as option. For details, see the Body Electrical section.



WRE91-BO038

SPARE TIRE COVER

The shape of the rubber pad has been changed from a doughnut shape to a disc shape.



WRE91-BO039

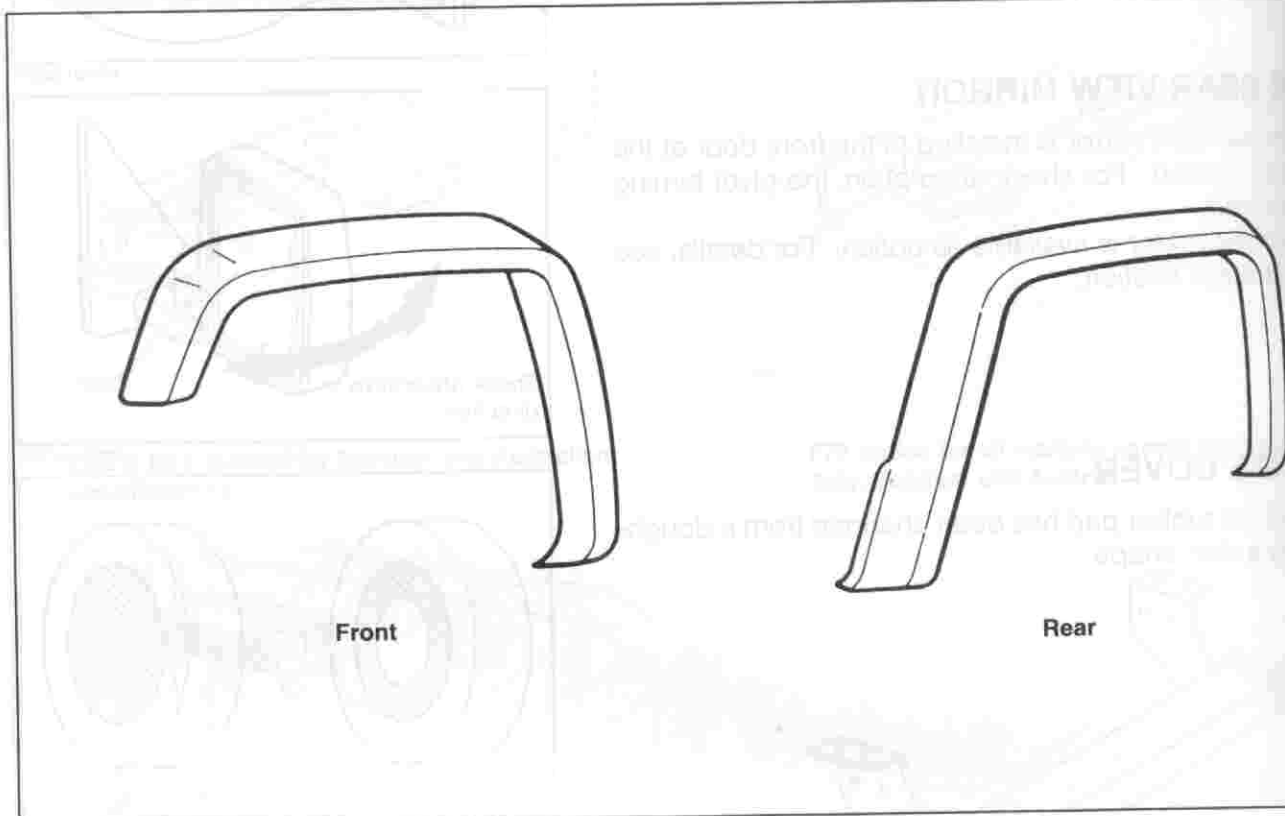
BODY

WHEEL OPENING EXTENSION (OVER-FENDER)

Resin-made over-fenders have been provided on the EL wagon for the ECE & EEC and Australian specifications. On other models, the over-fenders are optional equipment. The over-fenders are available as a set option with tires having a tire size of 255/70R15.

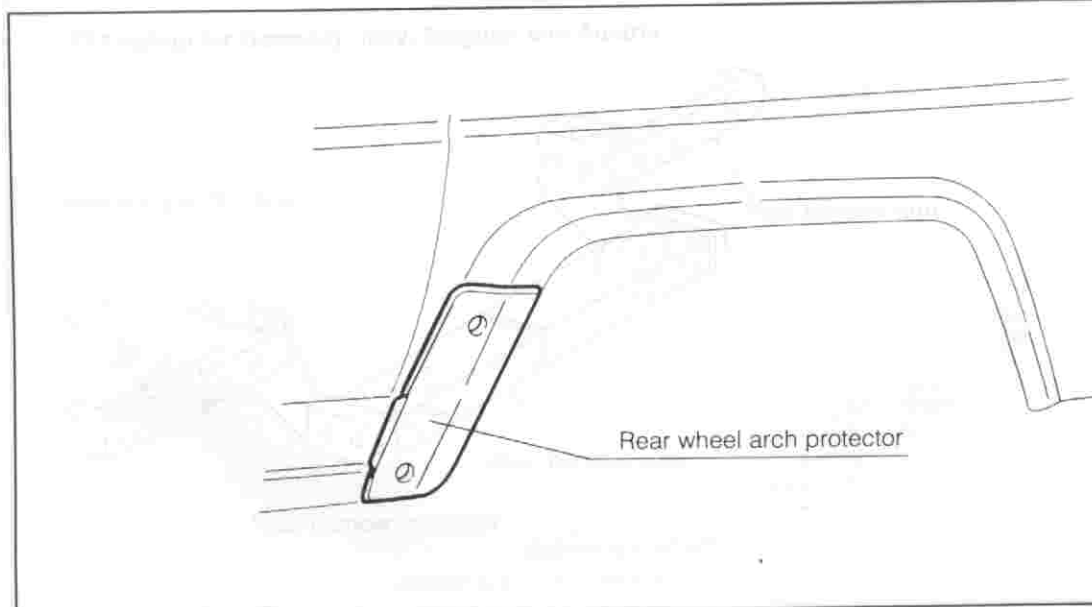
NOTE:

- This option will not apply to the pickup models.
- When the wheel opening extensions are installed to the vehicle, the total width of the vehicle increases by 90 mm.



REAR WHEEL ARCH PROTECTOR

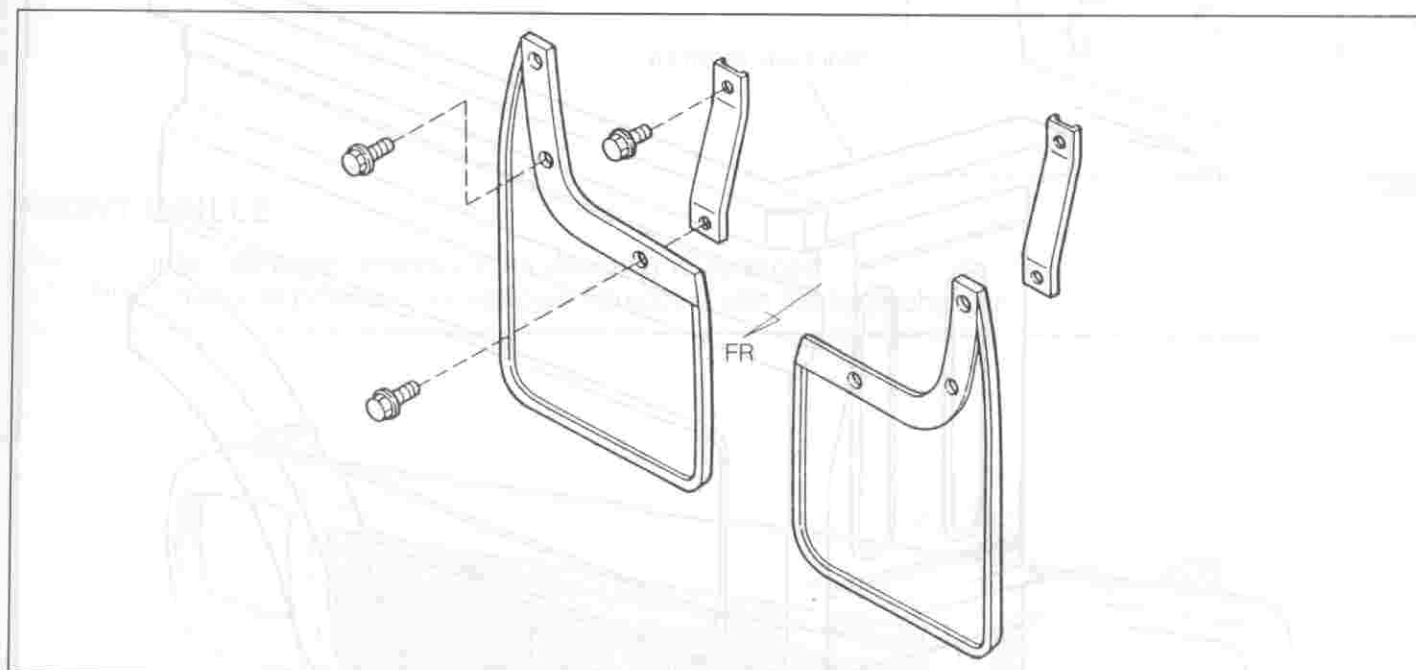
To attain a higher class image, rear wheel arch protectors have become standard on all models, whereas these protectors were installed only on limited models.



MUD GUARD

1. Front mud guard

The front mud guards are standard equipment on the high-class models of the wagon for the general specifications and on the high-class models of the wagon and hardtop model for the ECE & EEC specifications. On other models, the mud guards are optional equipment.



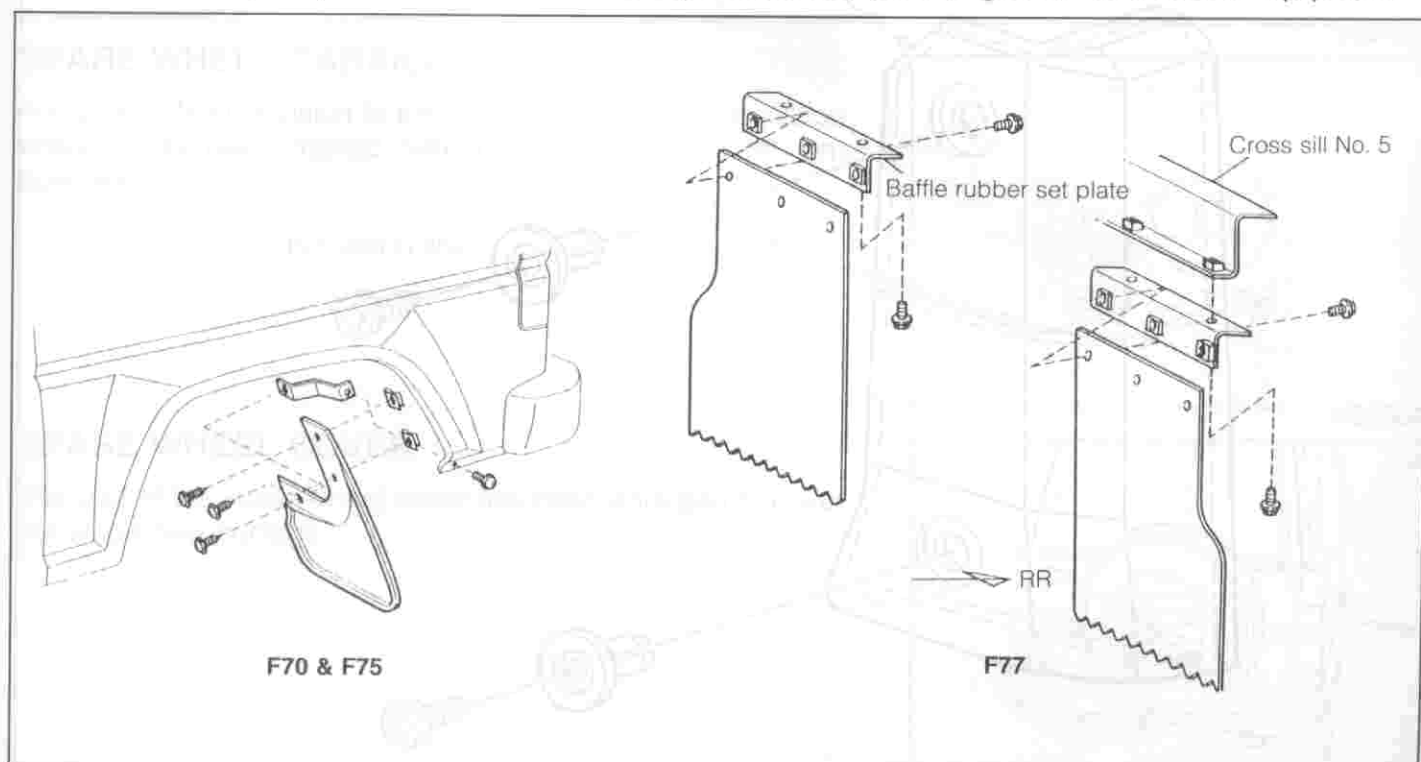
WRE91-B0042

2. Rear mud guard

The rear mud guards are standard equipment on the high-class models of the wagon for the general specifications and on all models except for the pickup for the ECE & EEC specifications. On other models, the mud guards are optionally available together with the front mud guards.

NOTE:

- As for the pickup model for the Australian specifications, the mud guards are standard equipment.

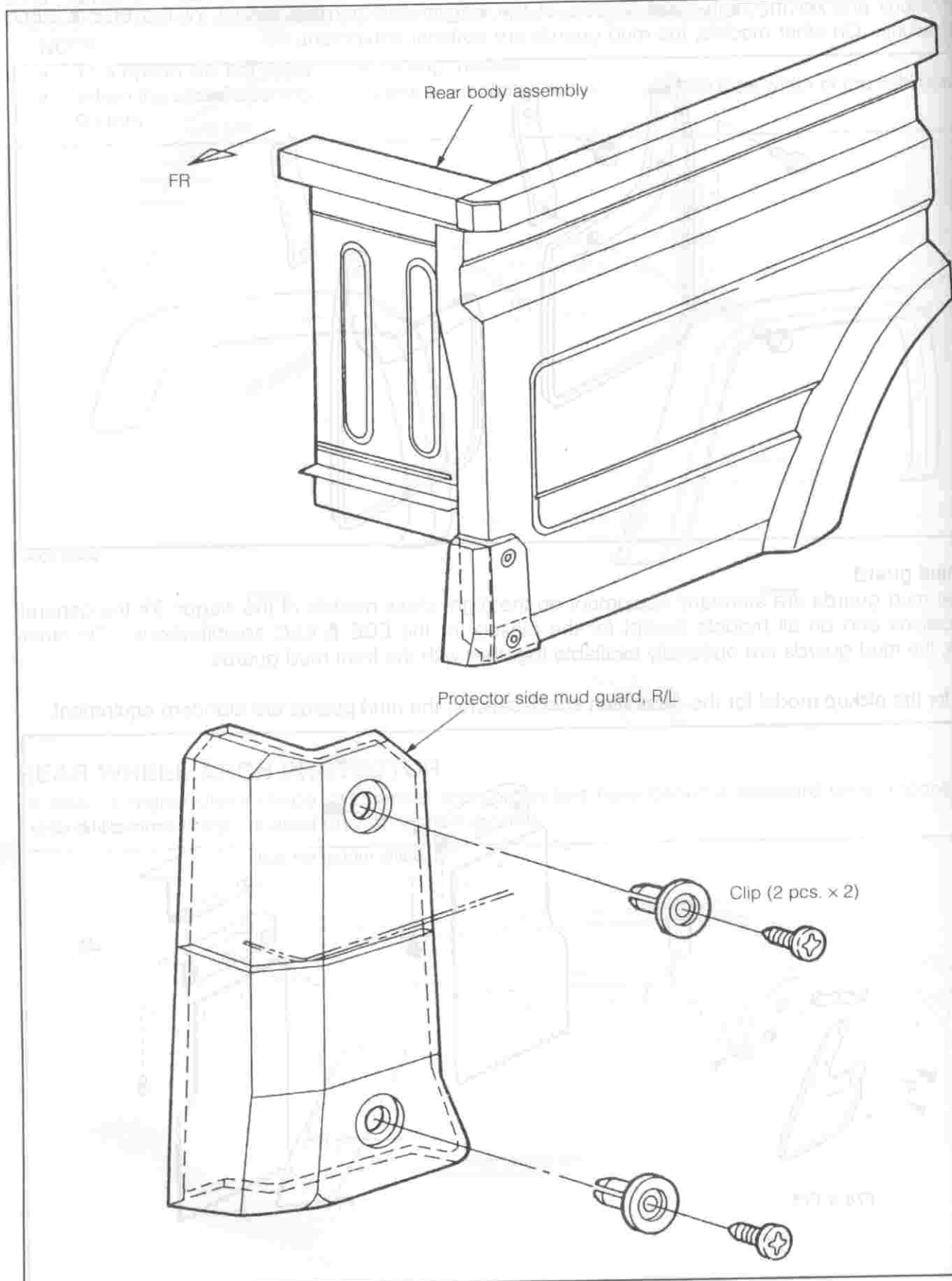


WRE91-B0043

BODY

3. Side mud guard (Pickup)

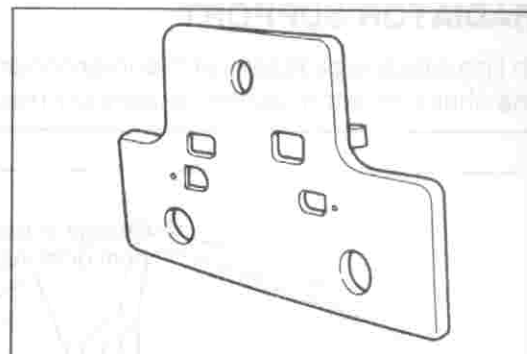
Resin-made protectors have been provided on all pickup models at the front sections of the rear corners.



REAR NUMBER PLATE BRACKET

(Except for Model F77 and Norway specifications)

A resin-made rear number plate bracket is provided on those vehicles for the ECE & EEC and Australian specifications.

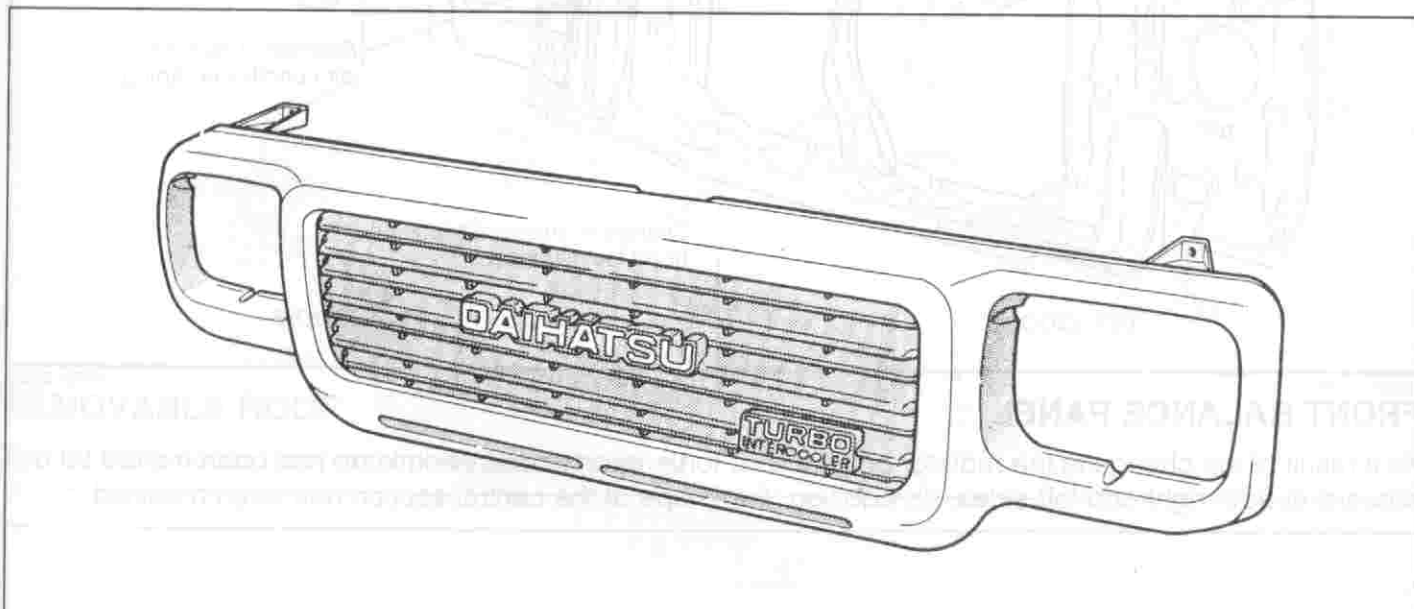


WRE91-BO045

FRONT GRILLE

The front grille has been renewed in its design and enlarged.

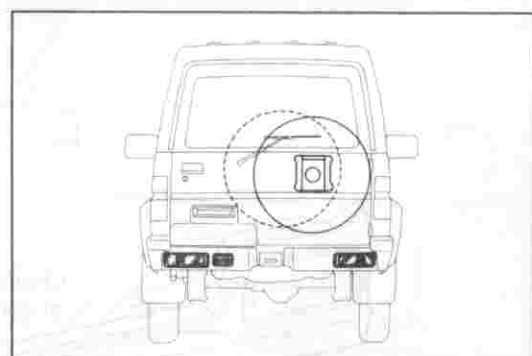
A "TURBO" decor is provided on vehicles equipped with the turbocharger.



WRE91-BO046

SPARE WHEEL CARRIER

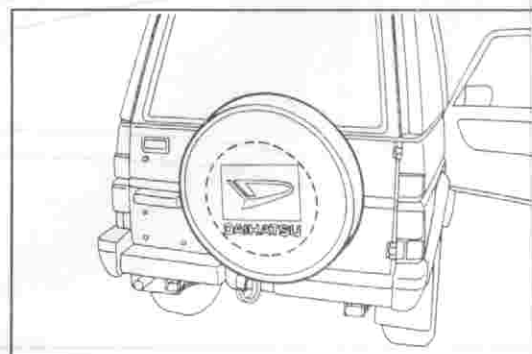
For greater field of vision to the rear, the spare tire installation position has been moved 190 mm rightward and 30 mm downward.



WRE91-BO047

SPARE WHEEL COVER

The pad of the spare wheel cover has been enlarged to cover the whole rear surface.

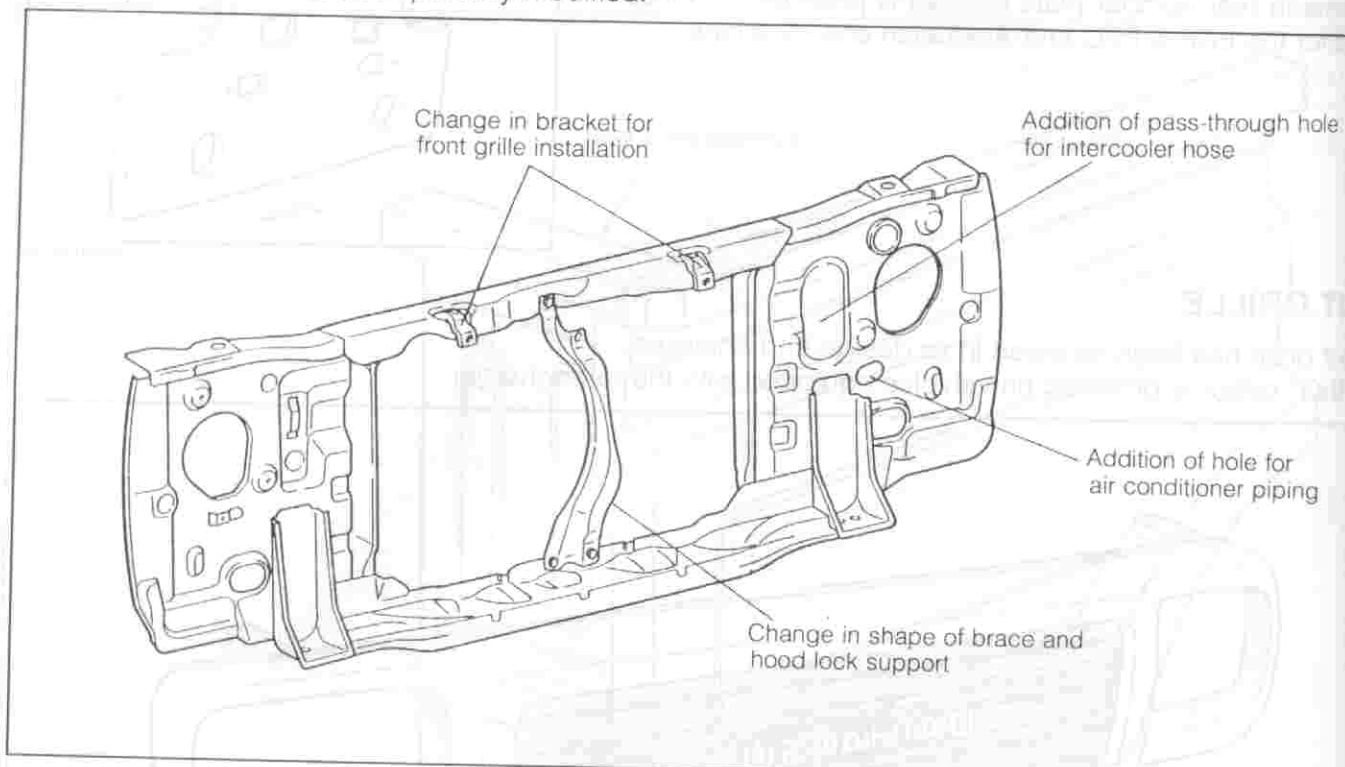


WRE91-BO048

BODY

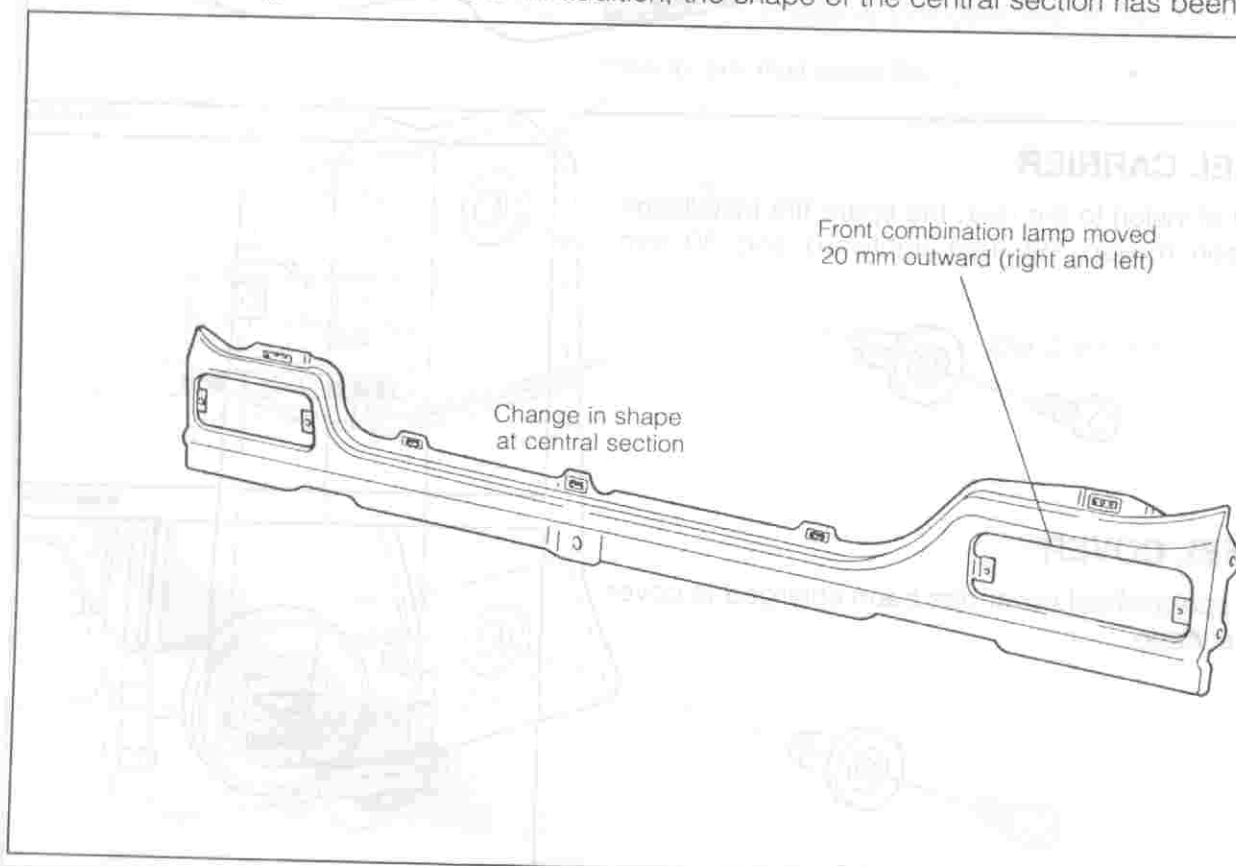
RADIATOR SUPPORT

In line with the provision of the intercooler, a pass-through hole of the intercooler hose has been added. The shape of each section is partially modified.



FRONT BALANCE PANEL

As a result of the change in the radiator grille and so forth, each combination lamp has been moved 20 mm outward at both right and left sides. In addition, the shape of the central section has been modified.

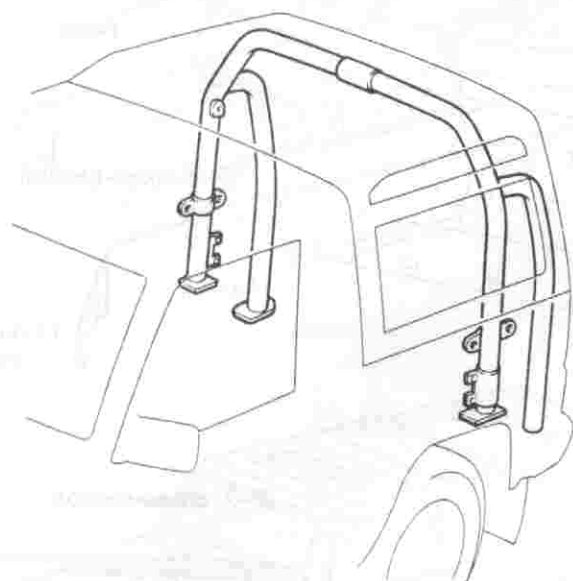


REAR PILLAR MEMBER

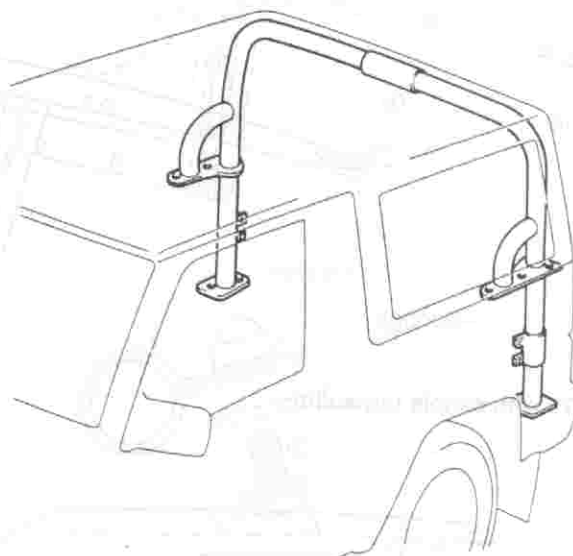
A rear pillar member has been newly provided for the anchor of the three-point type ELR rear seat belt.

NOTE:

- Refer to the section of three-point type ELR seat belt.



MODEL F75V

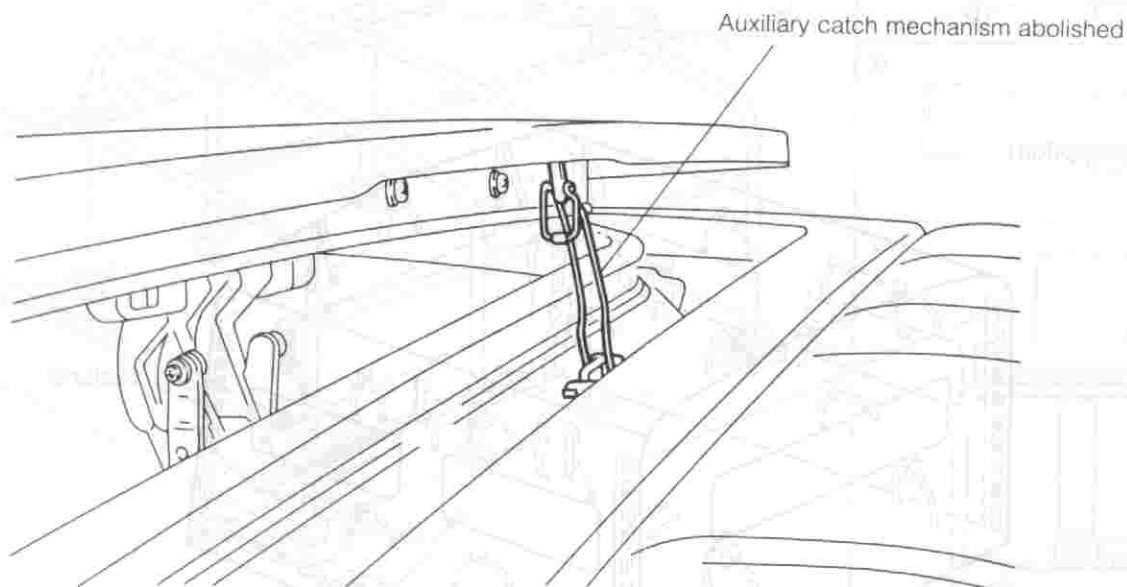


MODEL F70

WRE91-BO051

REMOVABLE ROOF

The auxiliary catch mechanism has been abolished.

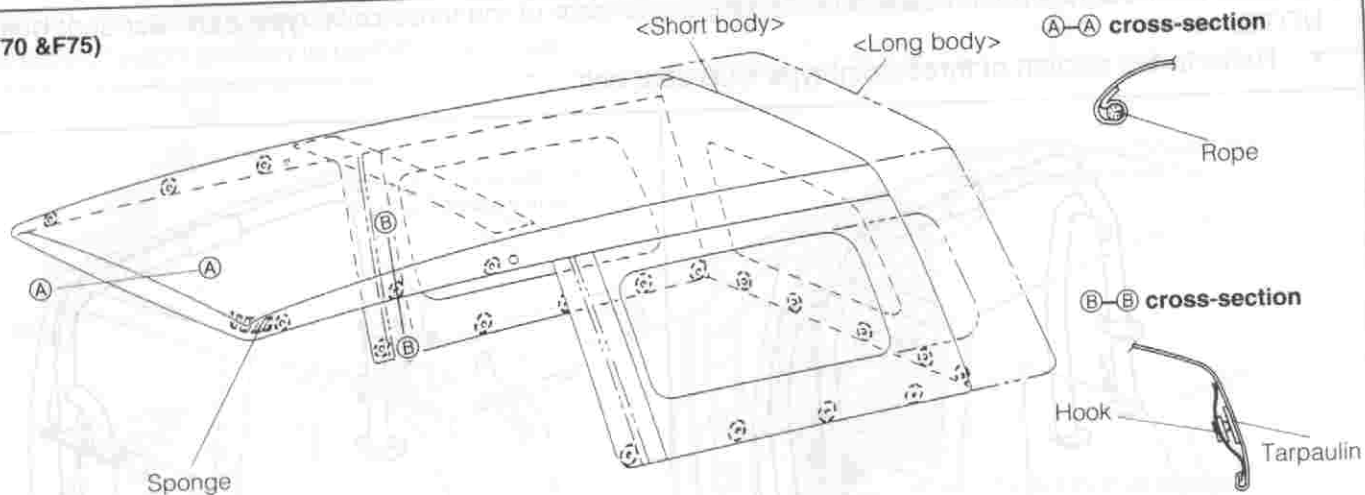


WRE91-BO052

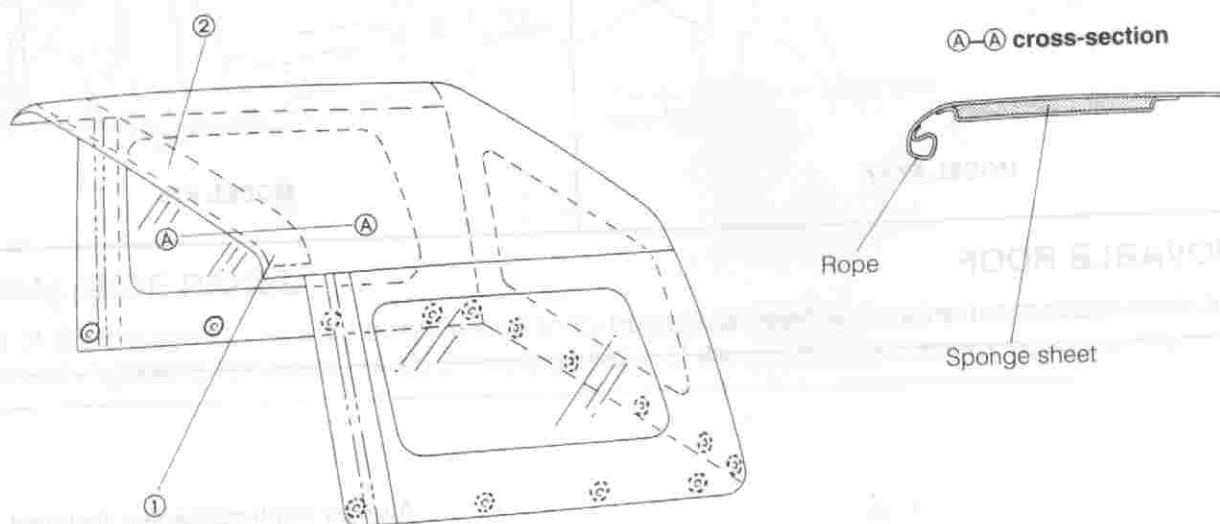
BODY

TARPAULIN

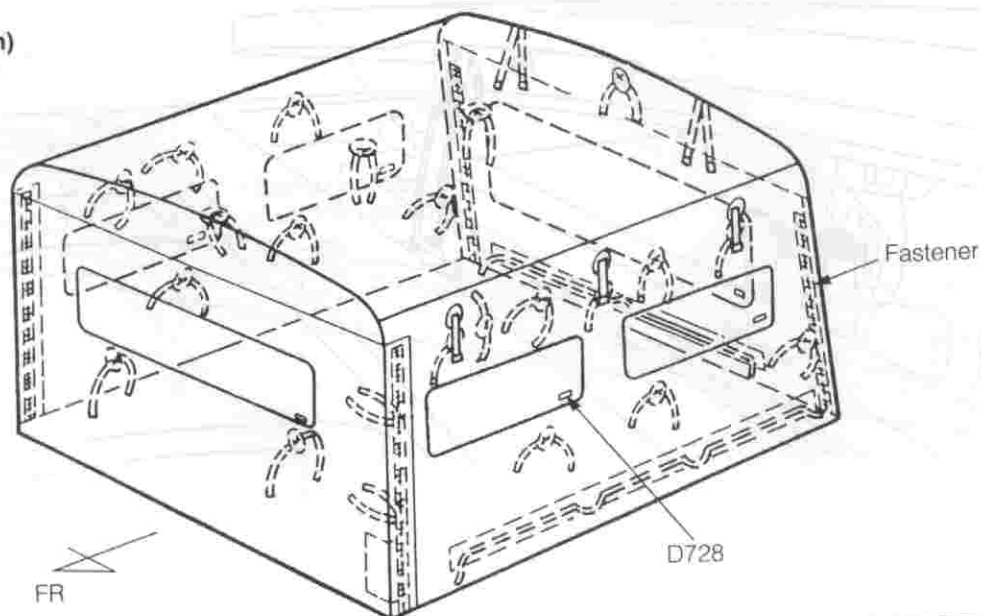
(F70 & F75)



(F70 with simple tarpaulin)

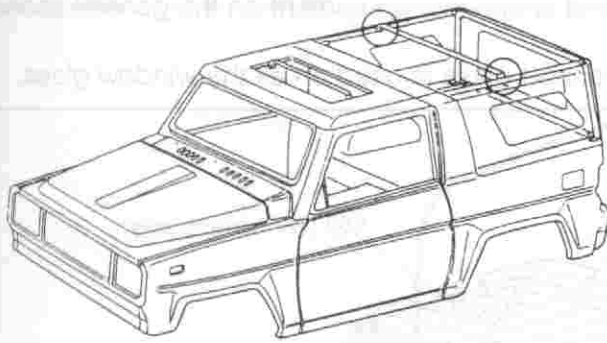


(F77 with option)



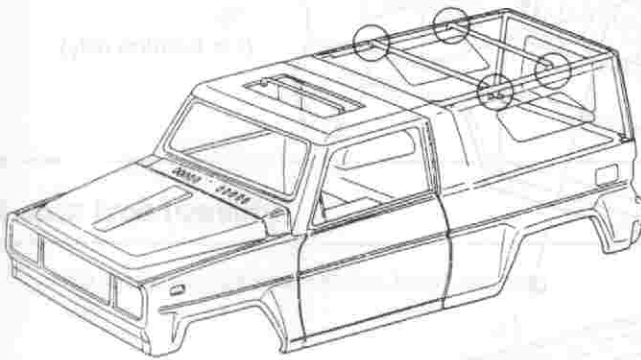
TARPAULIN BOW

A bolt tightening type tarpaulin bow has been employed.



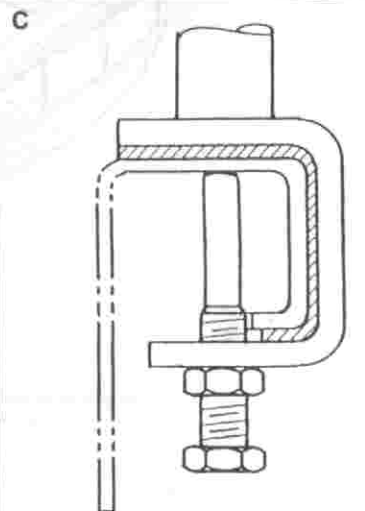
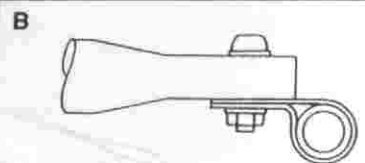
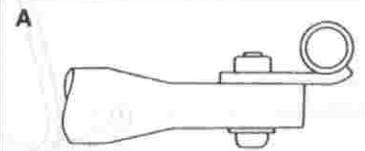
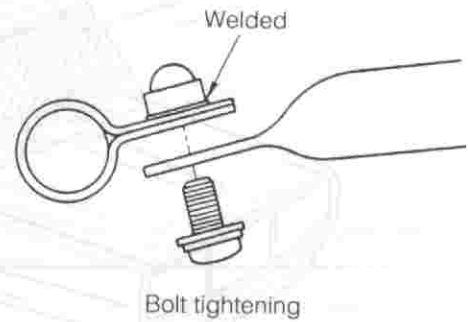
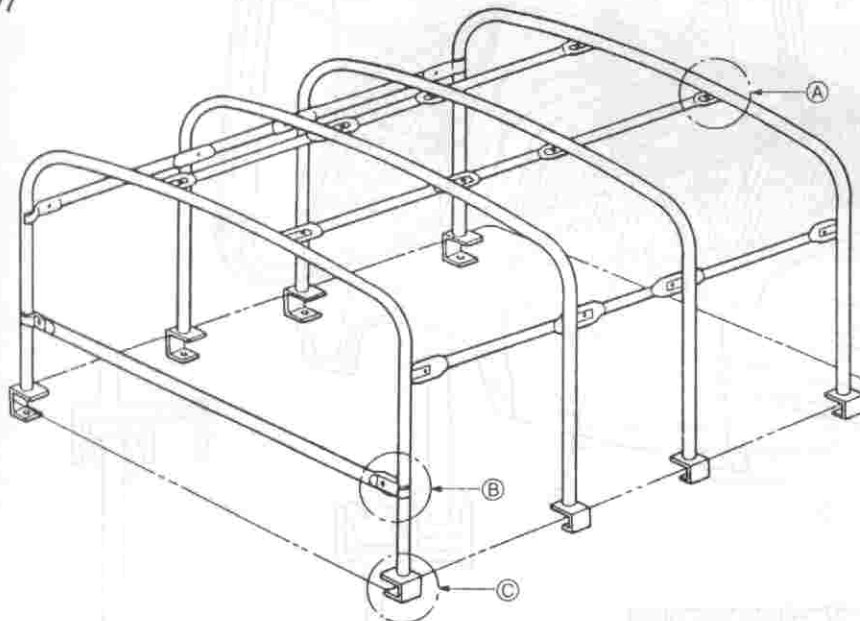
(Short body)

F75



(Long body)

F77



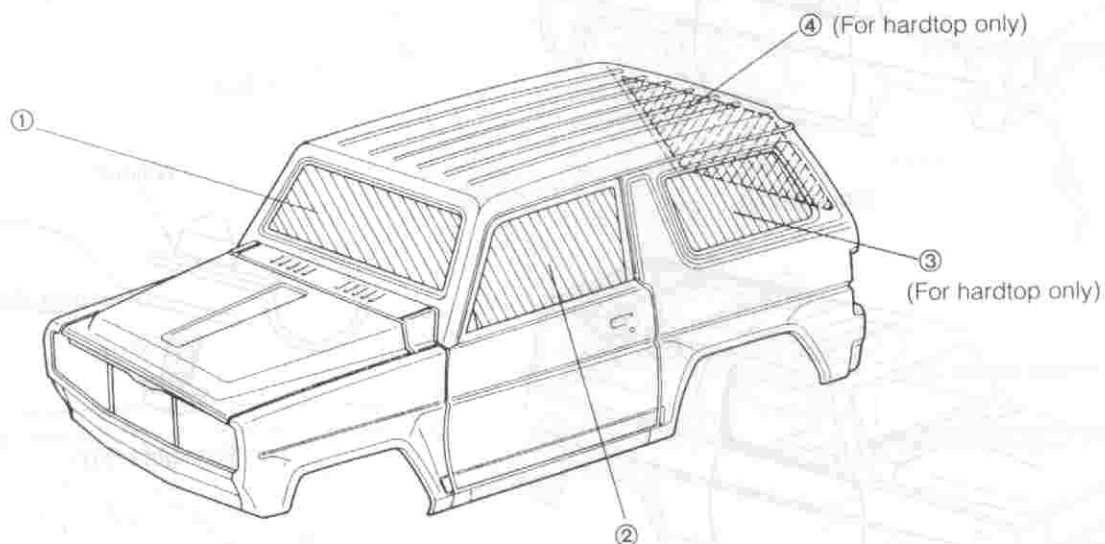
WINDOW GLASS

The front windshield glass employs laminated glass.

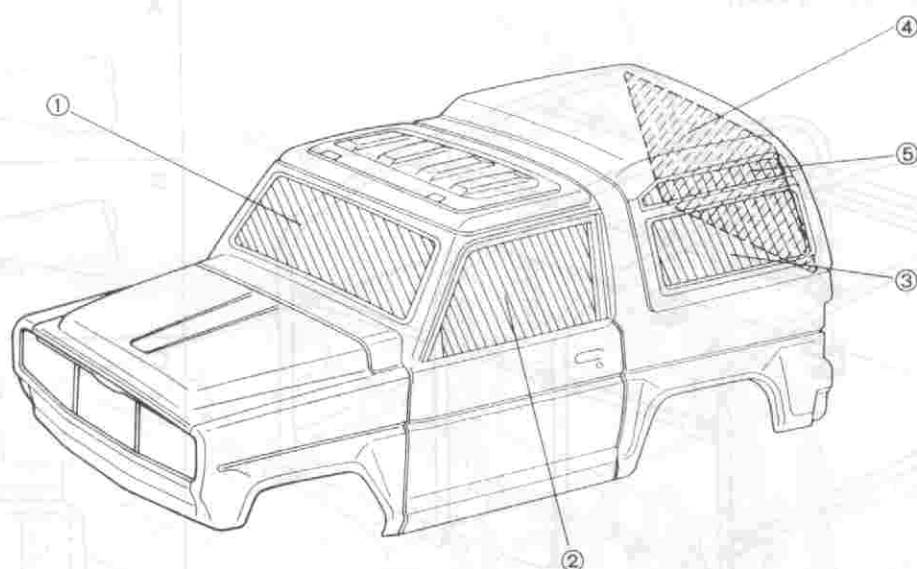
The laminated glass with shade band is available as optional equipment on the general and ECE & EEC specifications. In addition, bronzed glass with shade band is optional equipment on the general specifications except for the pickup.

If the bronzed glass with shade band is selected, the bronzed glass is used on all the window glass.

Hard-top and Soft-top vehicle



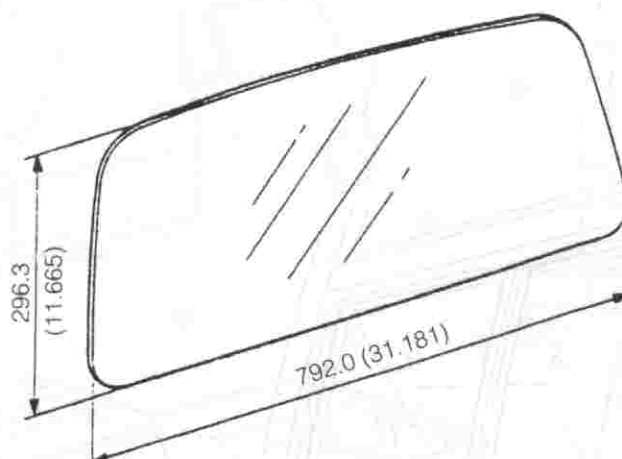
Wagon vehicle



- ① Windshield glass
- ② Front door glass, R/L
- ③ Quarter window glass, R/L
- ④ Back door glass
- ⑤ Panorama window glass

BACK WINDOW GLASS (F77)

As the back window glass, toughened glass having a 792 mm (31.13 inches) width and 296.3 mm (11.64 inches) height has been employed, thereby assuring improved rear field of vision.

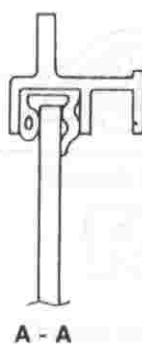
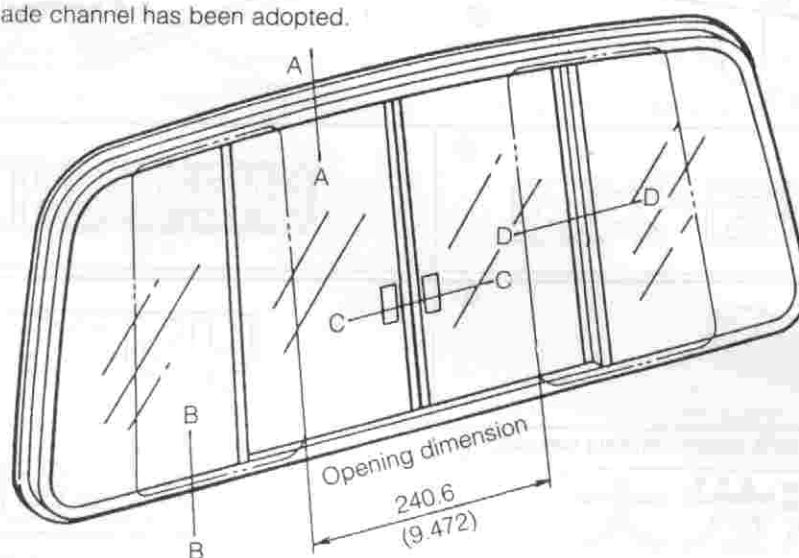


Unit: mm (inch)

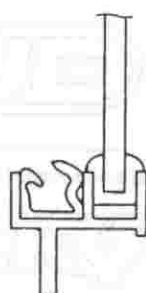
WRE91-80056

Slide open type (Option)

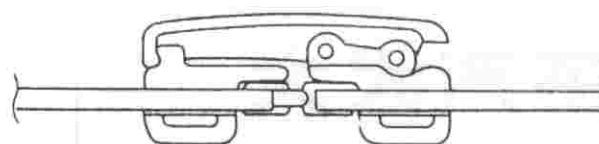
Aluminum-made channel has been adopted.



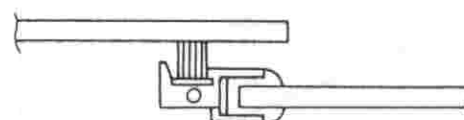
A - A



B - B



C - C



D - D

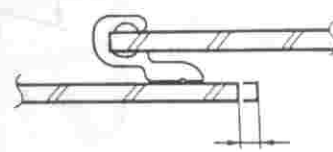
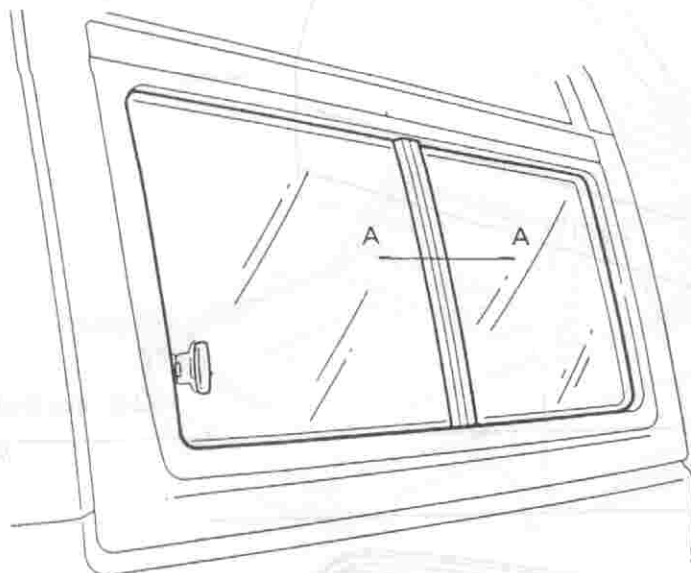
Unit: mm (inch)

WRE91-80057

BODY

QUARTER WINDOW GLASS (Wagon)

As for the quarter window glass at the front side, glass thickness has been changed and the rear end of the glass has been cut.

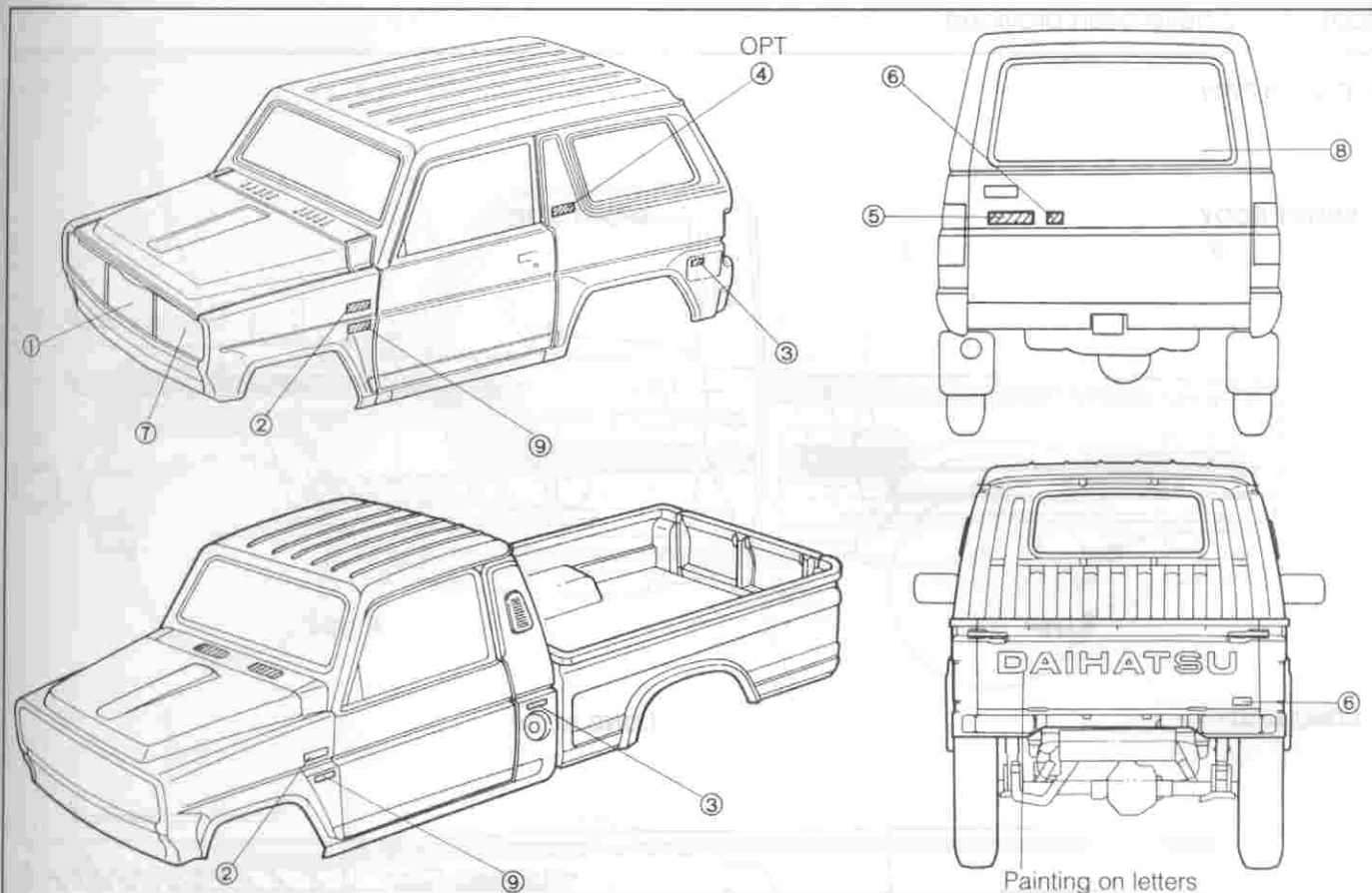


Cut 5 mm.

A-A sectional view

WRE91-BO058

EMBLEMS



①	DAIHATSU	⑥	OX EX EL
②	ROCKY	⑦	TURBO INTERCOOLER
③	DIESEL	⑧ Chinese specifications (For van only)	大发汽车
④	4WD	⑨ Chinese specifications	大发汽车
⑤	General, ECE & EEC specifications ROCKY Chinese specifications (For motor vehicle with tarpaulin only) 大发汽车		

BODY

BODY STRIPES

Body stripes have been provided.

F70 and F70V

SHORT BODY

SHORT BODY

Z type

K type

LONG BODY

LONG BODY

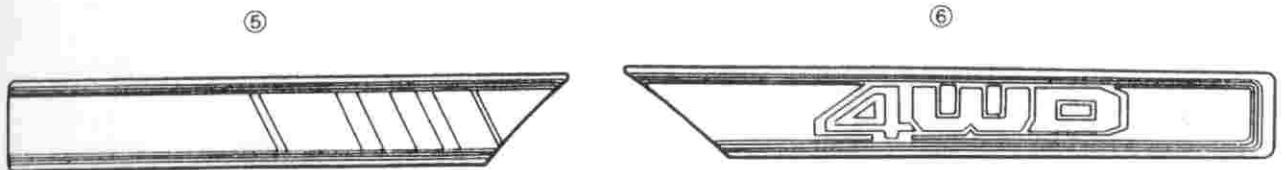
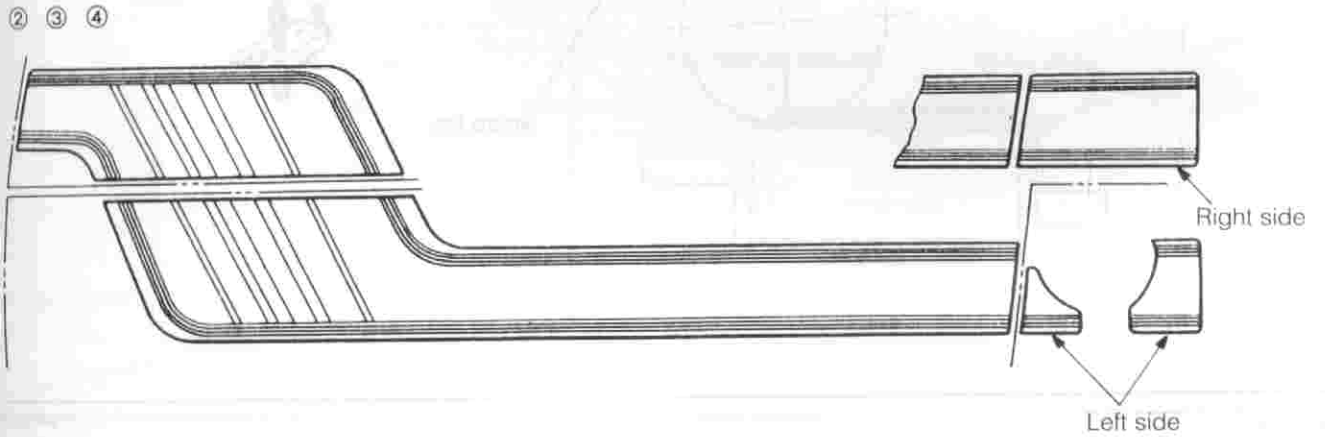
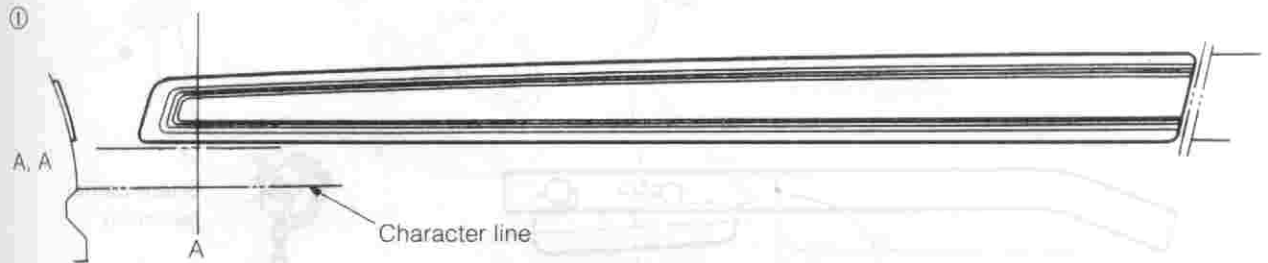
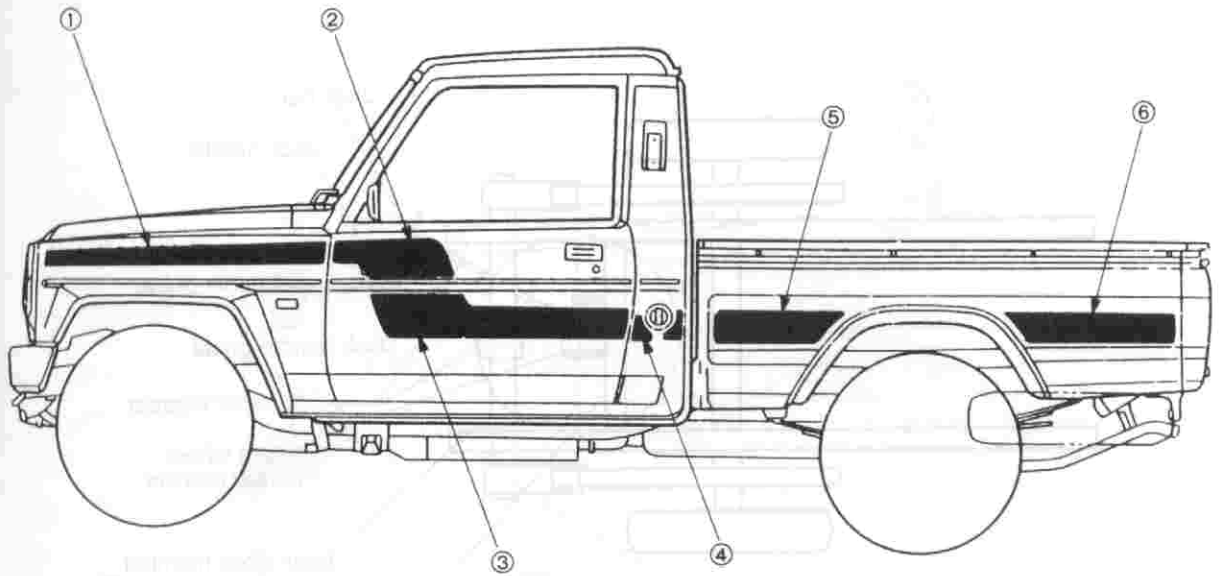
Z type

K type



B type

F77

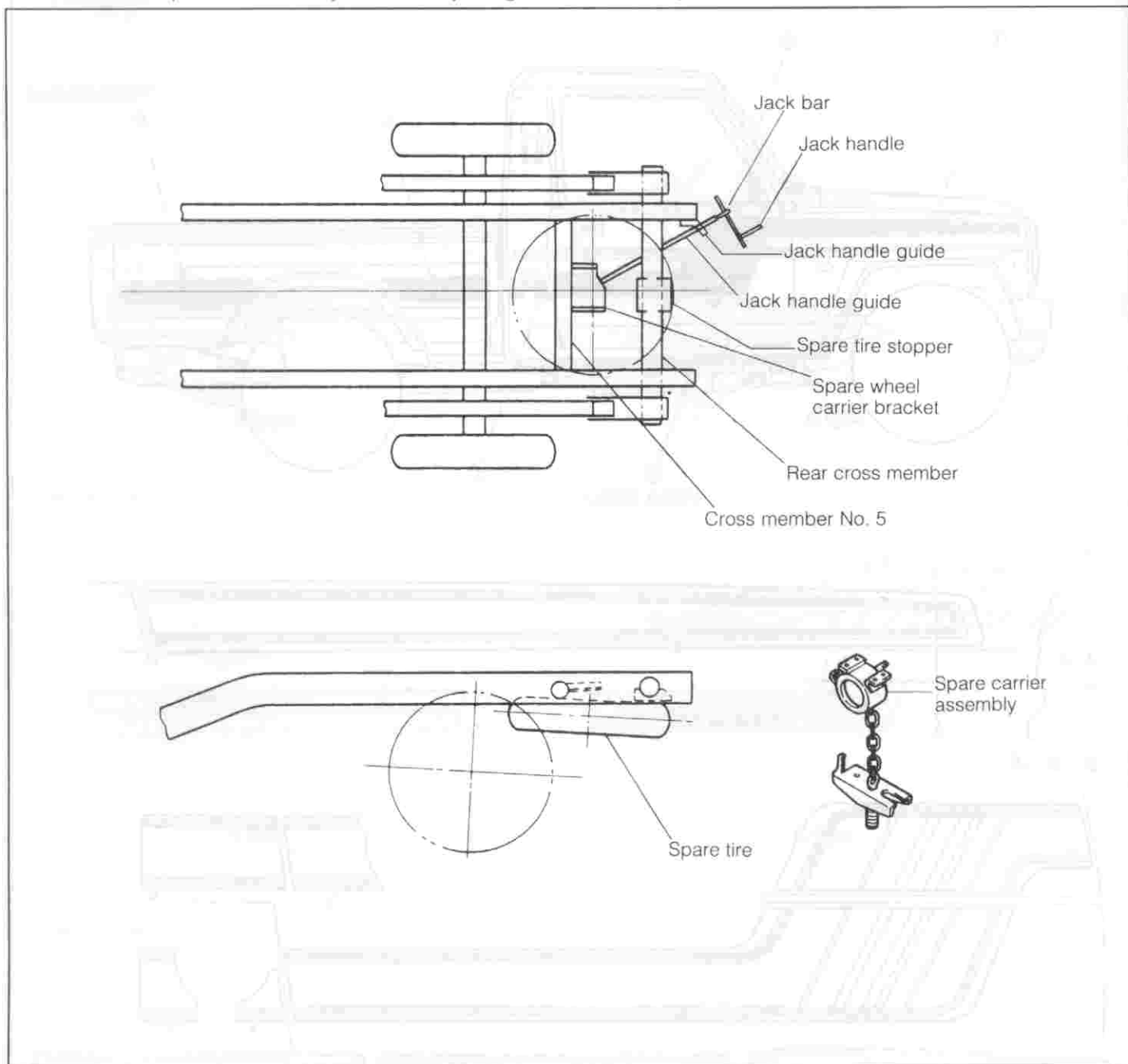


WRE91-B0061

BODY

SPARE WHEEL CARRIER

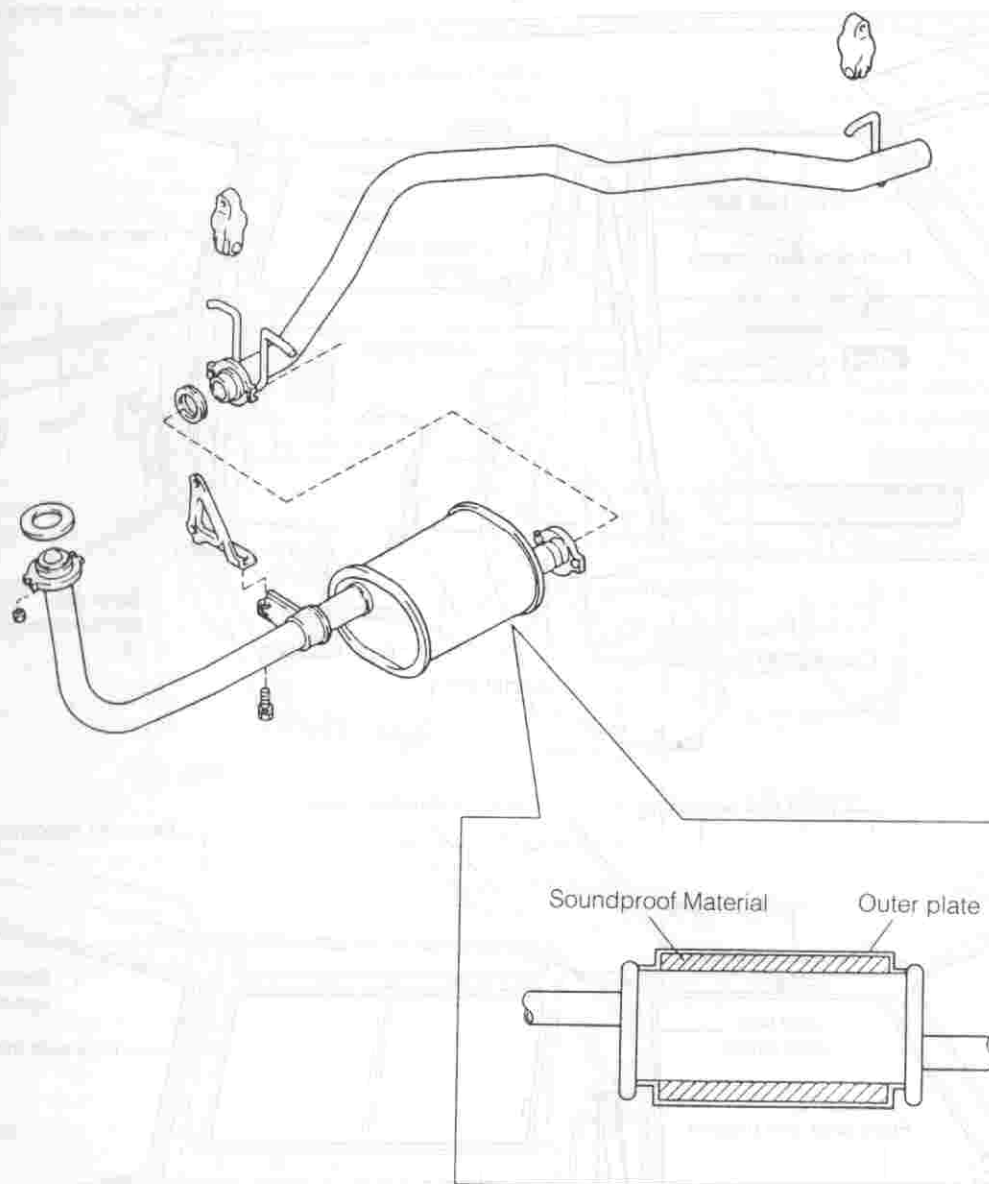
- The spare tire is stored at the rear section under the floor.
- The spare tire carrier has adopted a chain-winding type by means of a jack bar and a jack handle.
- For easier operation of the jack bar, a jack guide has been provided at the rear end of the right frame.



WRE91-BO062

EXHAUST PIPE

The exhaust pipe basically comes in three kinds; namely those for F70, F75 and F77. On the ECE & EEC specifications vehicles, soundproof material is wound at the muffler section so that the exhaust noise may be reduced.

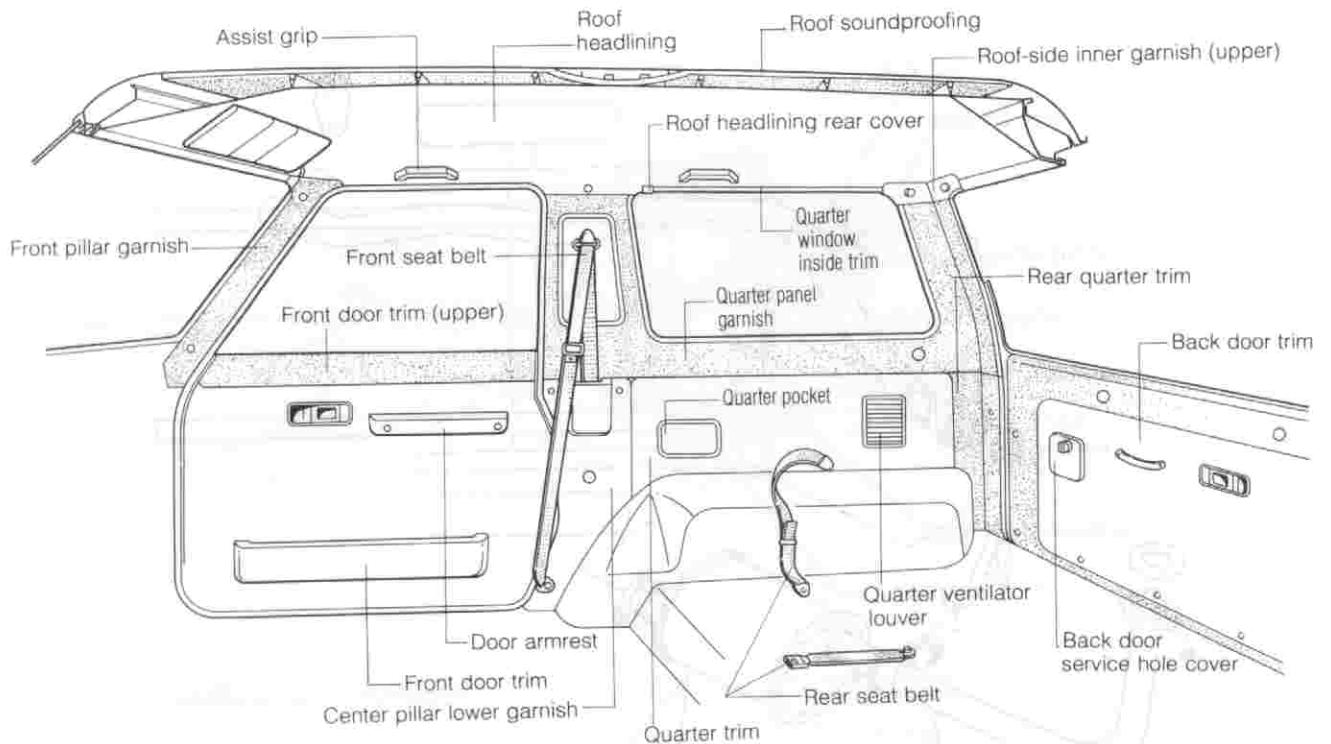


WRE91-BO063

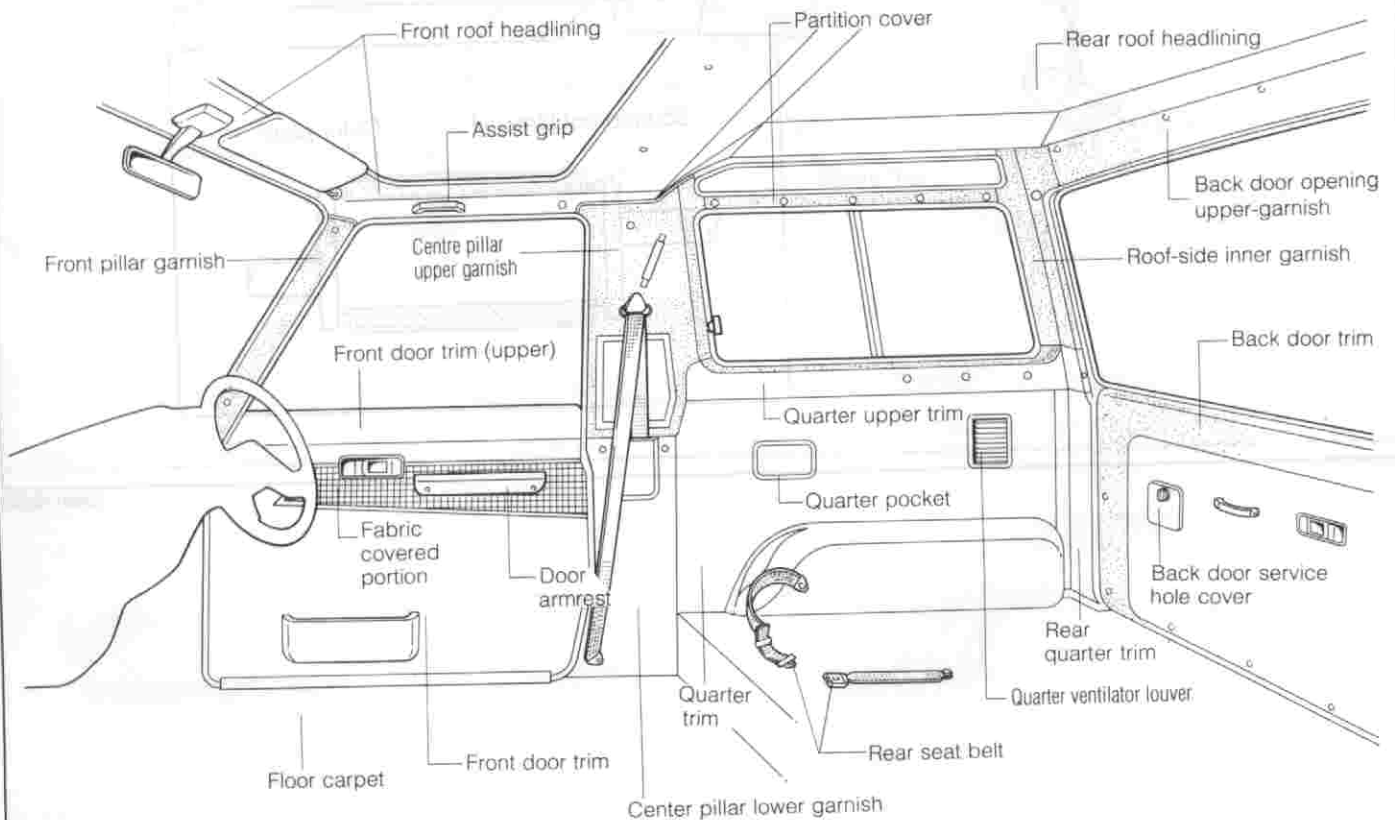
BODY

OUTLINE OF INTERIOR INTERIOR TRIM

(F70V, F80V)

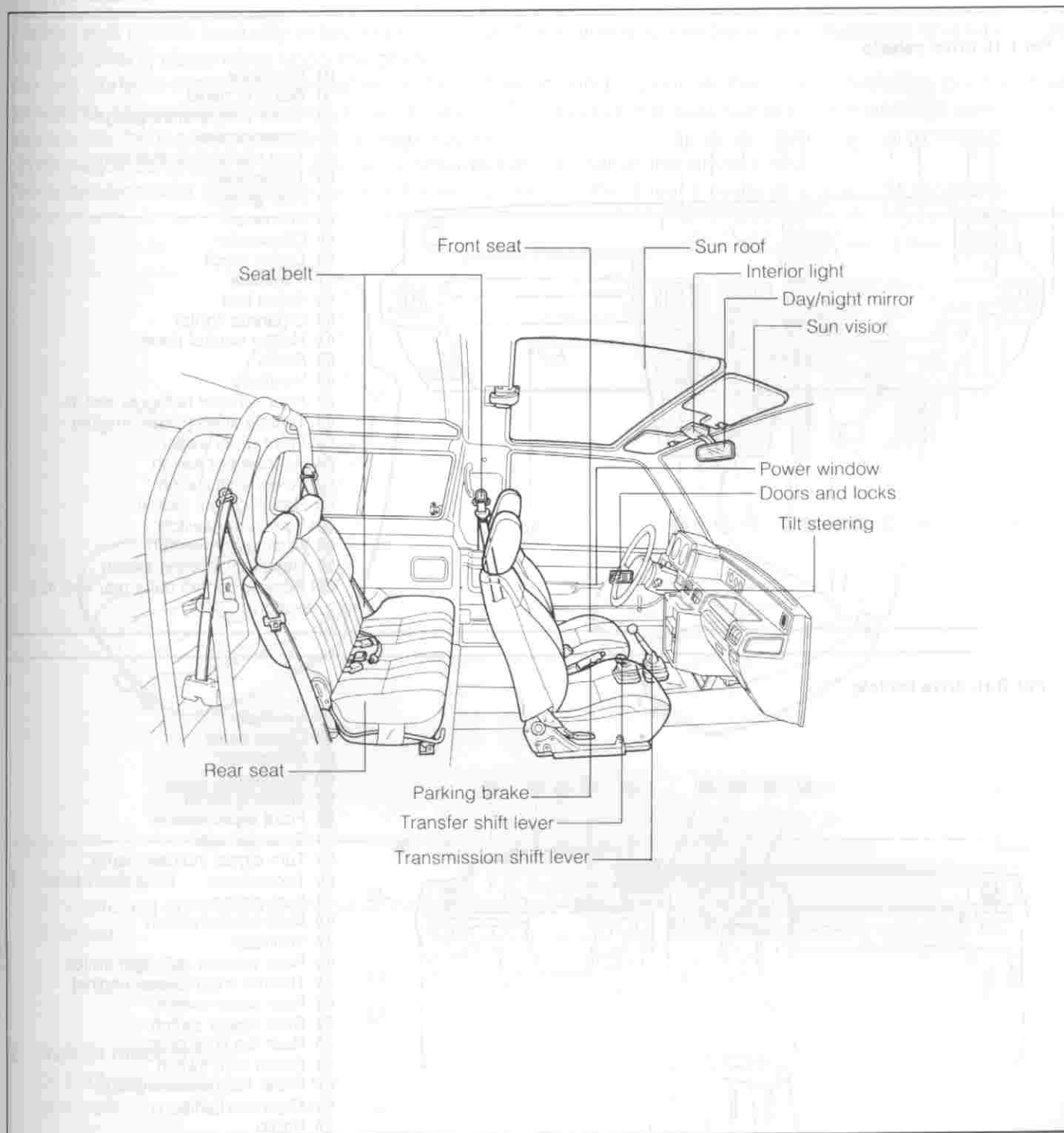


(F75V, F85V)



WRE91-BO064

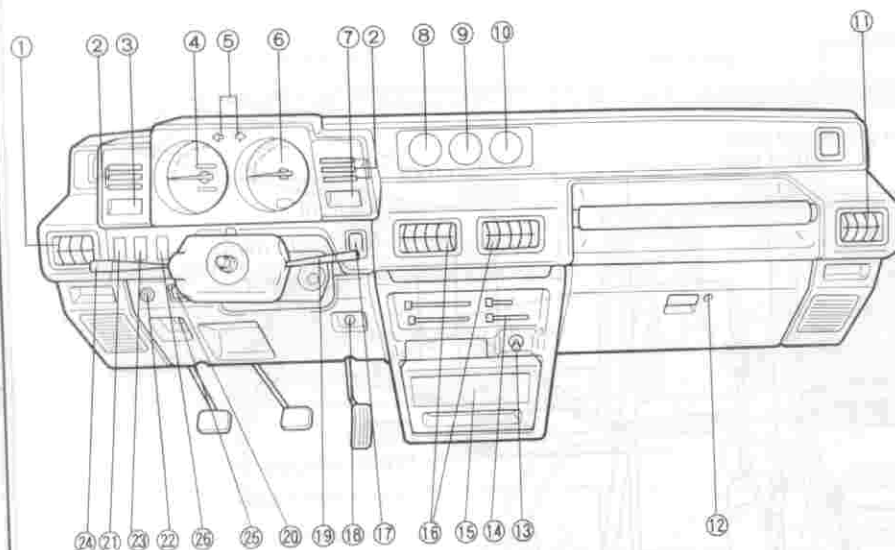
Interior view



WRE91-B0065

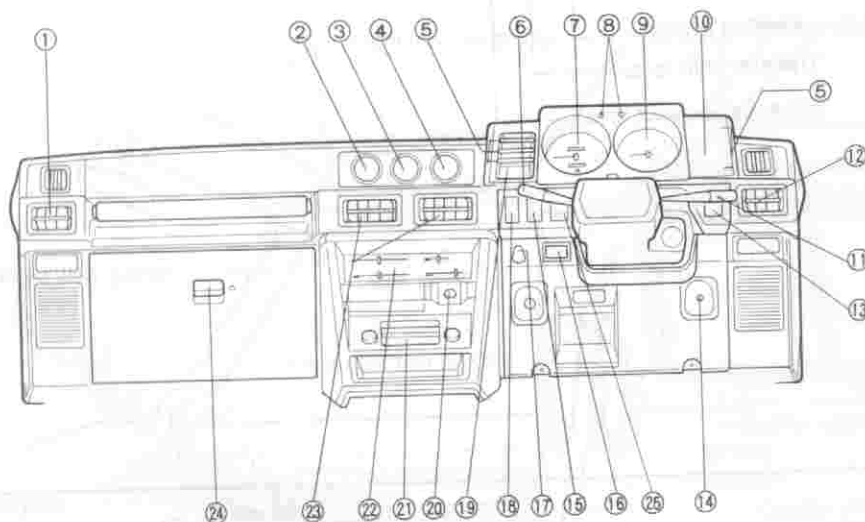
INSTRUMENT PANEL

For L.H. drive vehicle



- ① Ventilator
- ② Warning panel
- ③ Water temperature gauge
- ④ Speedometer
- ⑤ Turn signal indicator light
- ⑥ Tachometer
- ⑦ Fuel gauge
- ⑧ Voltmeter
- ⑨ Clinometer
- ⑩ Digital clock
- ⑪ Ventilator
- ⑫ Glove box
- ⑬ Cigarette lighter
- ⑭ Heater control panel
- ⑮ Radio
- ⑯ Ventilator
- ⑰ Rear window defogger switch
- ⑱ Throttle knob (Diesel engine)
- ⑲ Front wiper switch
- ⑳ Rear heater switch
- ㉑ Power shift switch
- ㉒ Rear fog light switch
- ㉓ Rear wiper switch
- ㉔ Multi-control switch
- ㉕ Headlight leveling switch
- ㉖ Remote control outer rear view mirror switch

For R.H. drive vehicle



- ① Ventilator
- ② Digital clock
- ③ Clinometer
- ④ Voltmeter
- ⑤ Warning panel
- ⑥ Front wiper switch
- ⑦ Speedometer
- ⑧ Turn signal indicator lamp
- ⑨ Tachometer
- ⑩ Fuel gauge
- ⑪ Multi-control switch
- ⑫ Ventilator
- ⑬ Rear window defogger switch
- ⑭ Throttle knob (Diesel engine)
- ⑮ Rear wiper switch
- ⑯ Rear heater switch
- ⑰ Rear fog light switch
- ⑱ Power shift switch
- ⑲ Water temperature gauge
- ⑳ Cigarette lighter
- ㉑ Radio
- ㉒ Heater control panel
- ㉓ Ventilator
- ㉔ Glove box
- ㉕ Remote control outer rear view mirror switch

WRE91-BO066

FRONT SEAT

The front seat comes basically in two kinds; the high-back type and low-back type (headrest split type). The front seat differs, depending upon the grade.

The seat surface material is available in the following kinds; print leather, flame-resisting print leather, semi-fabric, woven-full-fabric, moquette full-fabric. The kind of the seat surface material to be used differs according to the models, grades and destinations.

On the wagon EL grade, a seat pocket is provided at the rear of the driver's seat.

The suspension seat is available as optional equipment on the driver's seats on some specifications.



High-back type

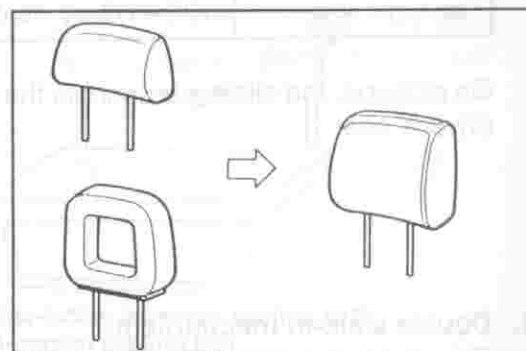


Low-back type

WRE91-B0067

1. Head restraint

For improved comfort, the shape of the headrest has been changed.



WRE91-B0068

2. Walk-in mechanism

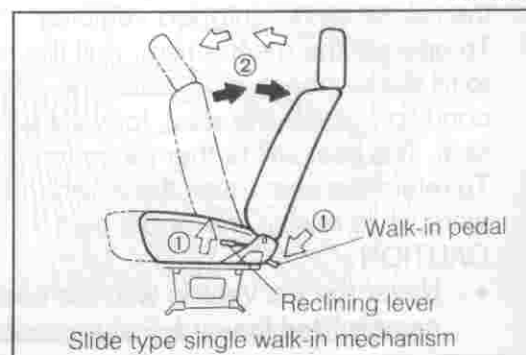
On the front passenger seat (excluding the pickup), a slide type walk-in mechanism is employed.

(Operation method of slide type single walk-in mechanism)

- ① When the walk-in pedal is depressed or the reclining lever is raised, the seatback is tilted forward. And the seat automatically slides to the most forward position.
- ② After completion of passenger's entry and exit to the rear seat, raise the seatback. Then, push the seat backward and return it to the original position.

NOTE:

- Be sure to perform the operation ② after the operation ① has been performed. In addition, make sure that the front seat is locked before you enter to the front seat.



WRE91-B0069

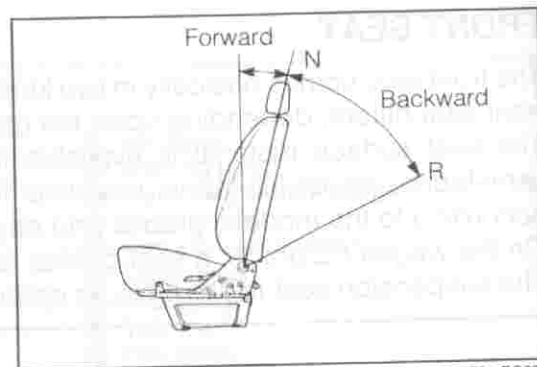
BODY

3. Front seat reclining

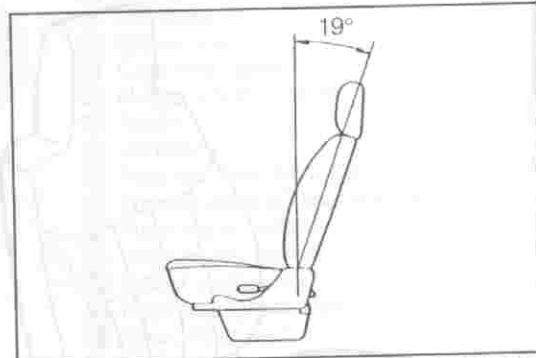
The table below indicates the reclining amount of the front seat of F70 and F75 series vehicles. This reclining amount is measured with the point N as the central point.

Backward	General specifications	$2^{\circ} \times 29 \text{ stages} = 58^{\circ}$
	Full-flat specifications	$2^{\circ} \times 29 \text{ stages} = 58^{\circ}$
Forward (Except F77)	General specifications	$2^{\circ} \times 3 \text{ stages} = 6^{\circ}$
	Full-flat specifications	$2^{\circ} \times 3 \text{ stages} = 6^{\circ}$

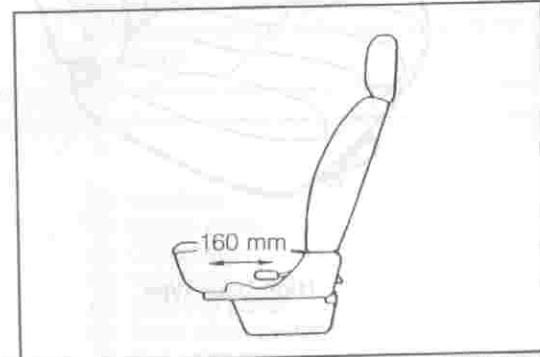
The front seat torso angle of F77 series is set to 19 degrees so that interference with the back panel may be prevented.



WRE91-BO070



WRE91-BO071



WRE91-BO072

4. Seat track sliding amount

The sliding amount of the seat track is 160 mm both for the driver's seat and for the front passenger seat. However, the lock position differs between the driver's seat and front passenger seat, as indicated in the table below.

Seat track sliding amount		Unit: mm
(Sliding amount without lock) + front side sliding amount - Center point - rear side sliding amount		
Driver's seat	$(10) + (15 \times 3 \text{ step}) - N - (15 \times 7 \text{ step})$	
Passenger seat	$(100) + (15 \times 3 \text{ step}) - N - (15 \times 3 \text{ step})$	

On pickups, the sliding amount is the same as those of the driver's seat.

5. Double walk-in mechanism

This mechanism is employed on the front driver's seat of the full-flat seat-equipped vehicles.

To operate the mechanism, pull the reclining lever upward to tilt the seatback. Fully slide the seat forward. Under this condition, push the seat forward while raising the whole seat. The seat will farther move forward.

To return the seat, raise the seatback. Move the seat backward while raising the whole seat.

CAUTION

- Never run the vehicle with the seat in a walked-in state, namely tilted forward. Failure to observe this caution will cause serious personal injuries.

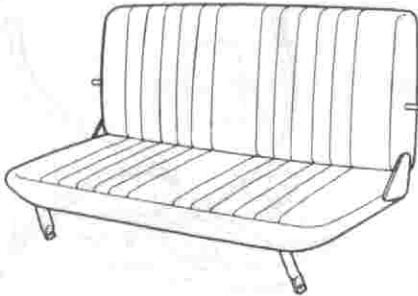


WRE91-BO073

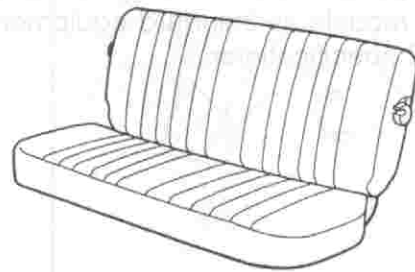
REAR SEAT

The rear seat is basically optional equipment, except for the wagon. The rear seat comes in the following kinds; the semi 3-person seating seat, the 3-person seating seat for wagon use, the 3- person seating seat with armrest for wagon use, the 3-person seating seat for 3-point type seat belt for wagon use, the 3- person seating seat for hardtop use, the opposite-facing 4- person seating seat, the opposite-facing 6-person seating seat, the opposite-facing 8-person seating seat for pickup use and the opposite-facing 2-person seating sub-seat for wagon use. The kind of the rear seat differs according to the models, grades, destinations and optional equipment.

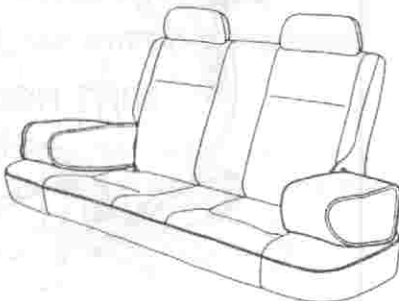
The seat surface material is available in the following kinds; leather, print leather, flame-resisting print leather, flame- resisting semi-fabric, woven-full-fabric, moquette full-fabric. The kind of the employed seat surface material differs according to the model, grade, destination and provision of option.



Semi 3-person seating seat



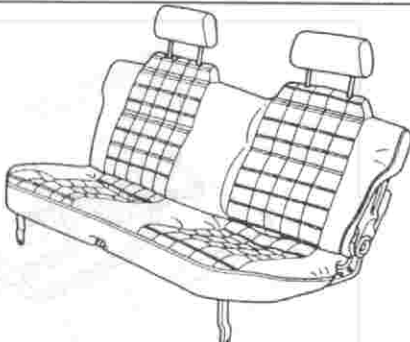
3-person seating seat for wagon use



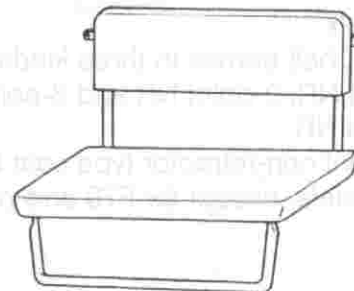
3-person seating seat with armrest for wagon use



3-person seating seat for 3-point type seat belt for wagon use



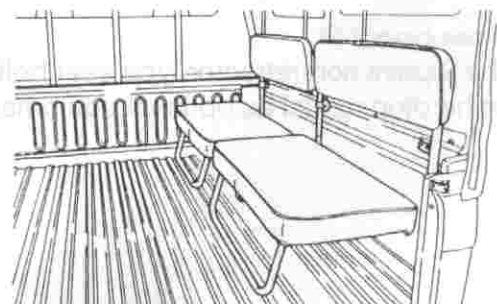
3-person seating seat for hardtop use (EL)



Side-facing 4-person seating seat (6-person seating set)



Sub-seat (for wagon use)



Side-facing 8-person seating seat (Pickup)

WRE91-BO074

BODY

SEAT BELT

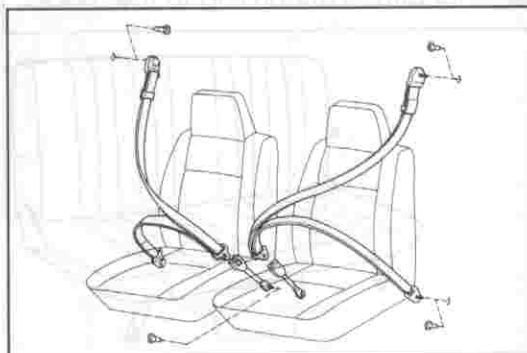
1. Front seat belt

The front seat belt comes in two kinds; One is 3-point NR (non-retractor) and the other is 3-point ELR (emergency locking retractor).

WRE91-B0076

(1) Three-point NR

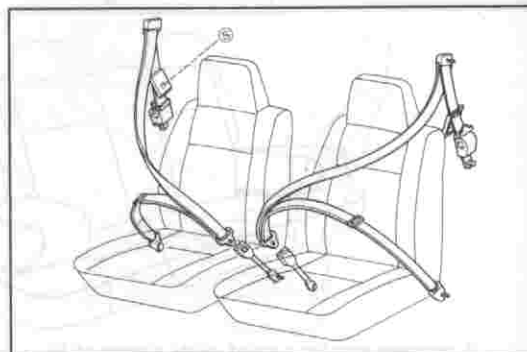
The 3-point non-retractor type seat belts are employed on all models as standard equipment, except for ECE & EEC specifications.



WRE91-B0077

(2) Three-point ELR

The 3-point emergency locking retractor seat belts are employed on all models with ECE & EEC specifications. These seat belts are optional equipment for other specifications.



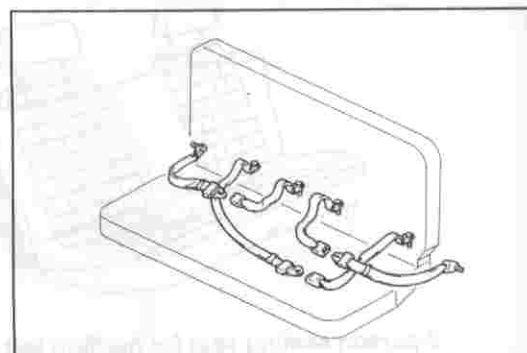
WRE91-B0078

2. Rear seat belt

The rear seat belt comes in three kinds as optional equipment; 2-point NR, 3-point NR and 3-point ELR.

(1) Two-point NR

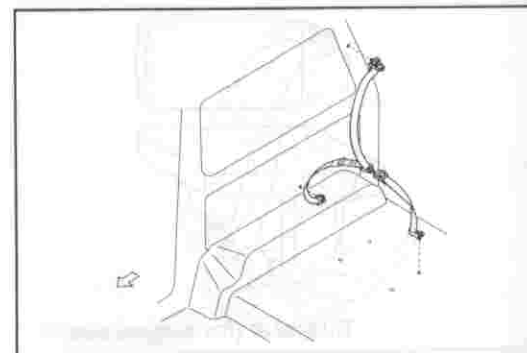
The 2-point non-retractor type seat belts are employed on all models, except for F70 and pick-up model.



WRE91-B0079

(2) Three-point NR

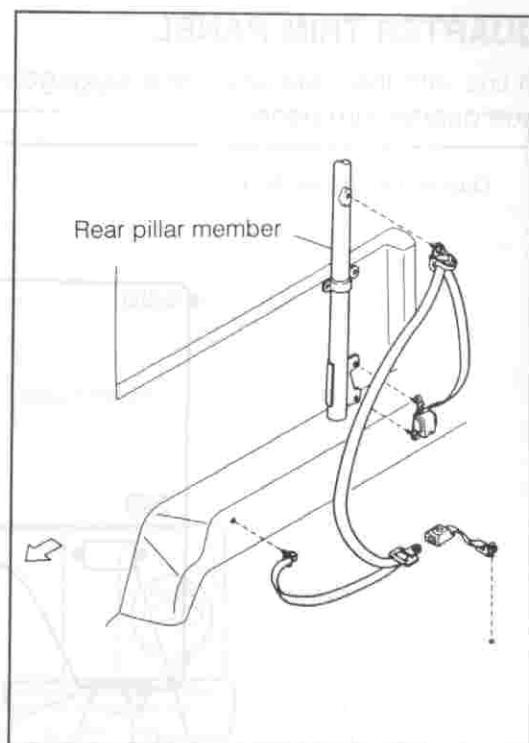
The 3-point non-retractor type seat belts are employed on hardtop model as optional equipment.



WRE91-B0080

3. Three-point ELR

The 3-point emergency locking retractor seat belts are employed on resin top models and soft-top model with short body (F70) as optional equipment.



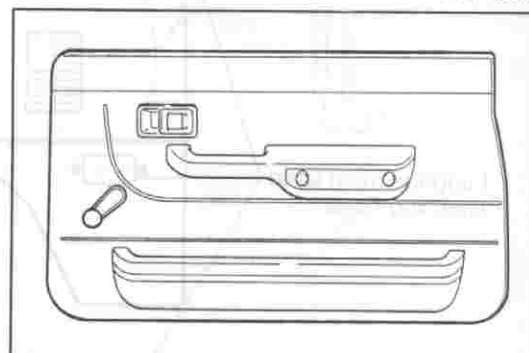
WRE91-BO081

FRONT DOOR ARMRESTS

A large-sized door armrest is employed.

FRONT DOOR TRIM

On the EL grade, the same material as that of the seat is employed on the upper section of the door trim.



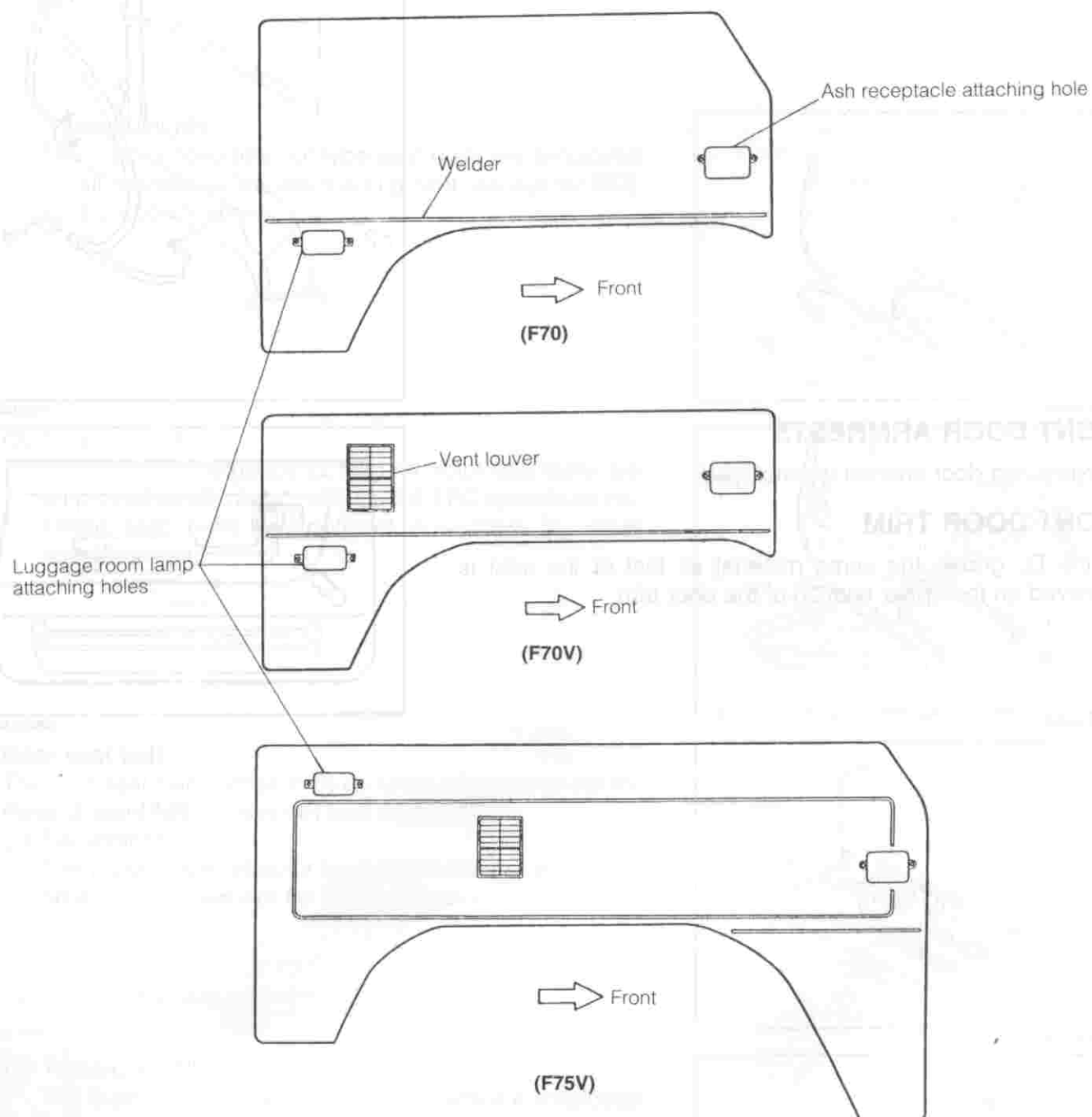
WRE91-BO082

BODY

QUARTER TRIM PANEL

In line with the installation of a luggage room lamp, the lamp attaching hole has been provided at the left side quarter trim panel.

Quarter trim panel (left)

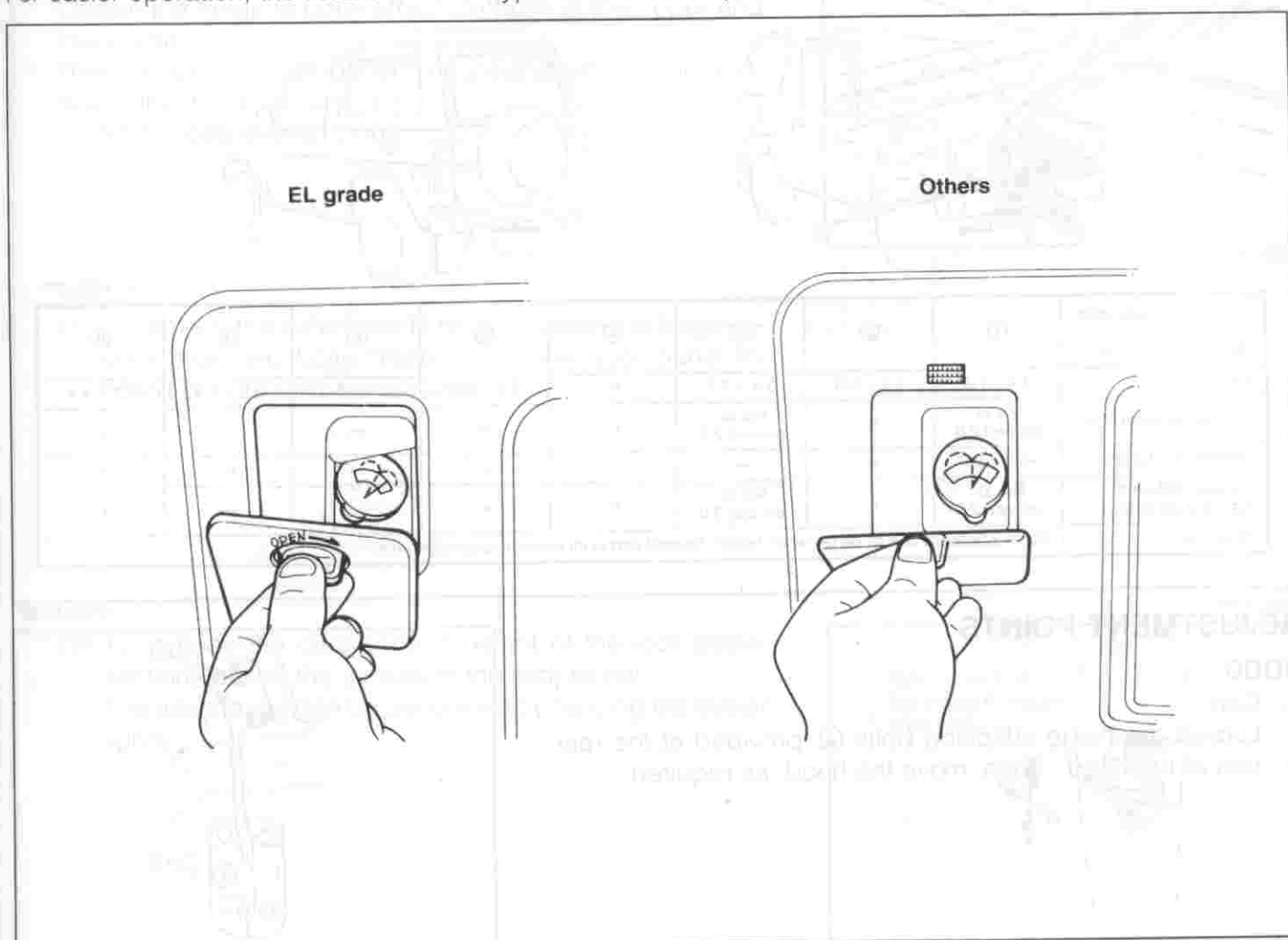


NOTE:

- This figure does not apply to F75V vehicles equipped with sub-seats.

BACK DOOR SERVICE HOLE COVER

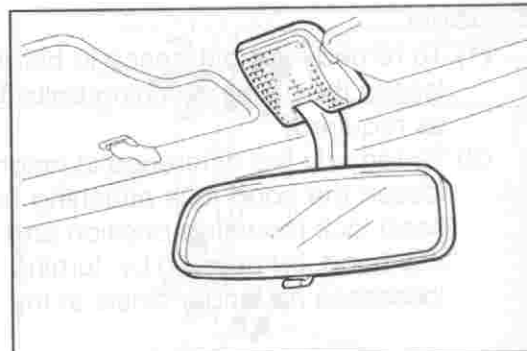
For easier operation, the rotational knob type has been adopted to the EL grade.



WRE91-BO084

INNER MIRROR

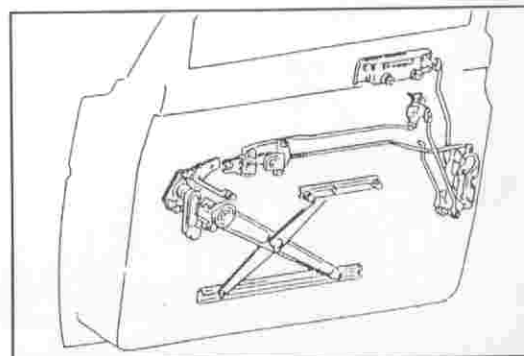
The inner mirror has adopted such construction that the room lamp is incorporated into the stay installing section. For assured safety, it has employed a drop type.



WRE91-BO085

FRONT DOOR WINDOW REGULATOR

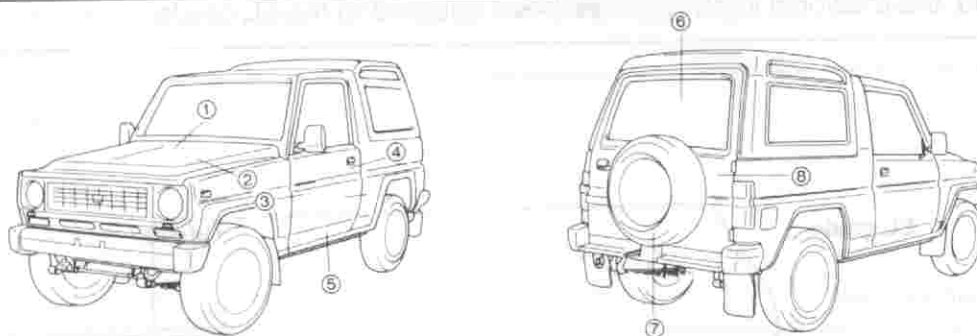
The front door window regulator employs an X-shaped arm type window regulator.



WRE91-BO086

BODY

ALIGNMENT ADJUSTMENTS



Unit: mm

Check point	①	②	③	④	⑤	⑥	⑦	⑧
Item								
Gap	3.4 ~ 7.4	2.9 ~ 6.9	3.4 ~ 7.4	←	3.3 ~ 7.3	4.4 ~ 8.4	3.9 ~ 7.9	4.4 ~ 8.4
Variation at same side	Not to exceed 2.0	←	Not to exceed 2.5	←	←	←	←	←
Difference in height	-2.0 ~ 2.0	←	←	←	←	←	←	←
Variation between right and left sides	Not to exceed 2.5	←	Not to exceed 3.0	←	←	←	←	←
Hood lock	Slight looseness should be felt when hood's forward part at its center is pushed strongly.							

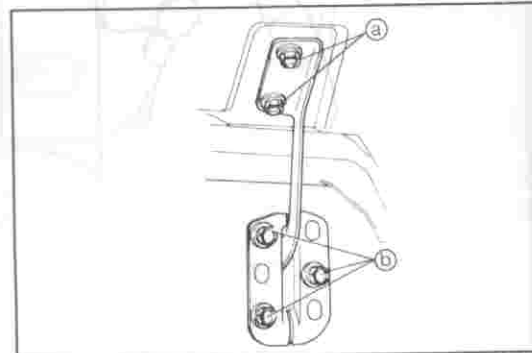
WRE91-BO087

ADJUSTMENT POINTS

HOOD

1. Gap

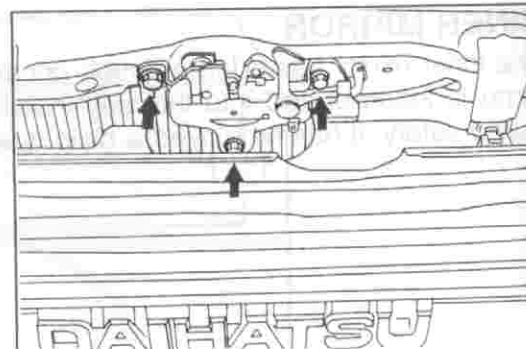
Loosen the hinge attaching bolts ⑥ provided at the rear part of the hood. Then, move the hood, as required.



WRE91-BO088

2. Height

- (1) To remedy the difference in height at the rear section, loosen the hinge attaching bolts ⑥ and move the hood, as required.
- (2) To remedy the difference in height at the front section, loosen the hood lock attaching bolts. Then, move the hood lock mounting position and change the height of the hood bumper ③ by turning it, as required, until looseness no longer exists at the hood.



WRE91-BO089

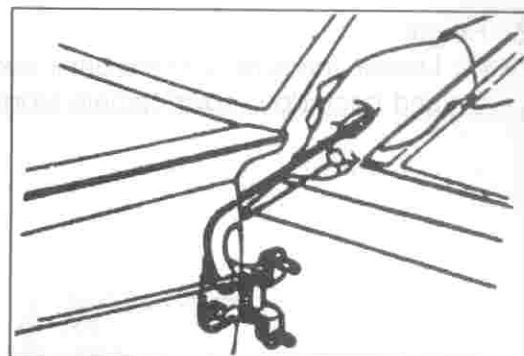
FRONT DOOR

1. Gap

Loosen the hinge to body attaching bolts at the upper and lower side.

Then, move the door panel in right-and-left and up-and-down directions, as required.

SST: 09812-00010-000

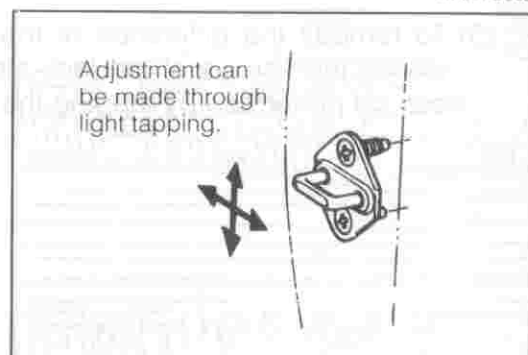


WRE91-BO090

2. Height

- (1) To remedy the difference in height, loosen the hinge-to-door attaching bolts. Then, move the door panel inboard or outboard, as required.

- (2) To remedy the difference in height of the lock striker section, loosen the screws of the lock striker. The adjustment can be performed by tapping the striker lightly.



WRE91-BO091

WRE91-BO092

REAR DOOR

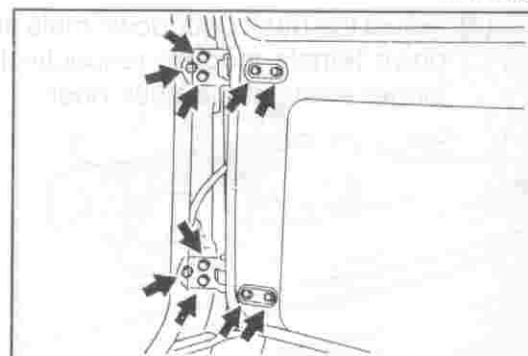
1. Gap

- (1) Remove the back door trim board. (Full trim model only)
- (2) Remove the hole plugs.
- (3) Loosen the hinge-to-back door attaching bolts at the upper and lower sides. Then, move the door panel in a right-and-left direction, as required.
- (4) Loosen the hinge-to-side panel attaching bolts at the upper and lower sides. Then, move the door panel in an up-and-down direction, as required.

NOTE:

- Be very careful not to move the back door inboard or outboard.

- (5) Adjust the lock striker. (See page BO-60.)



WRE91-BO093

BODY

2. Height

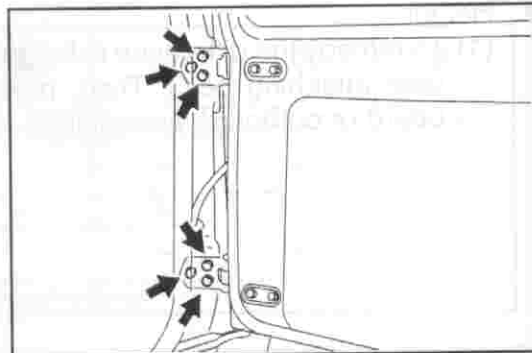
- (1) Loosen the screws of the back door down male stopper and back door down female stopper.

WRE91-BO094

- (2) To remedy the difference of the height, loosen the hinge-to-side panel attaching bolts at the upper and lower side.
Then, move the door panel inboard or outboard, as required.

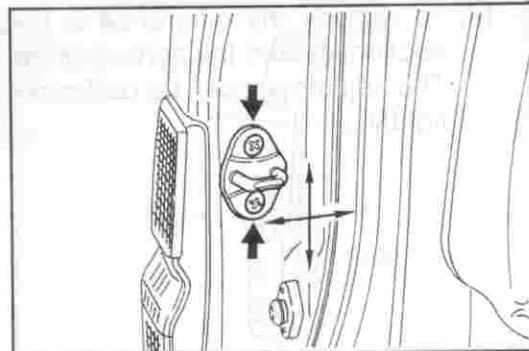
NOTE:

- Be very careful not to move the back door in an up-and-down direction.



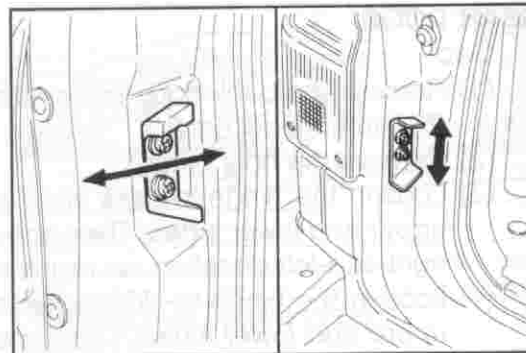
WRE91-BO095

- (3) To remedy the difference of the lock striker section, loosen the screws of the lock striker. The adjustment can be performed by tapping the striker lightly.



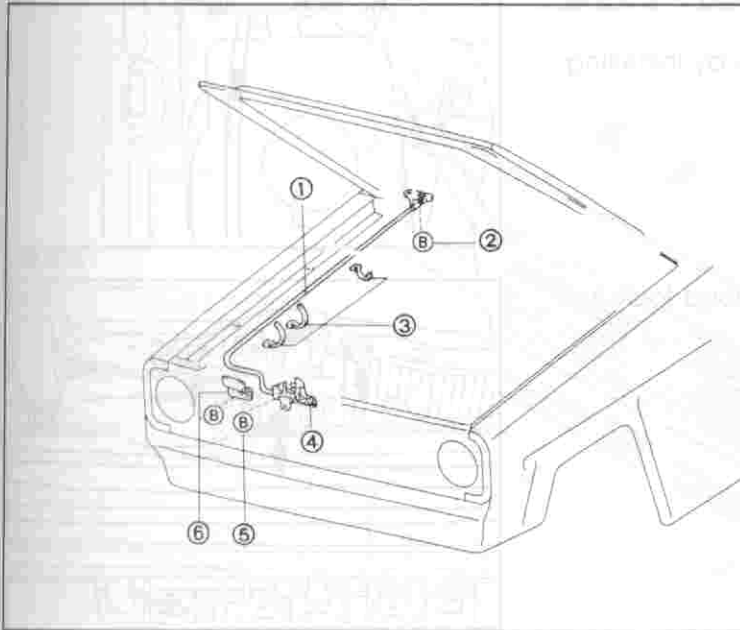
WRE91-BO096

- (4) Adjust the back door down male stopper and back door down female stopper respectively, until looseness no longer exists at the back door.



WRE91-BO097

HOOD LOCK CONTROL CABLE COMPONENTS



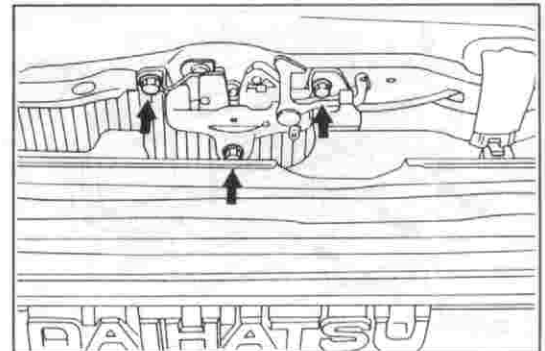
- ① Hood lock cable
- ② Bolt
- ③ Clamp
- ④ Hood lock assembly
- ⑤ Bolt with washer
- ⑥ Hood lock control cable cover

WRE91-BO096

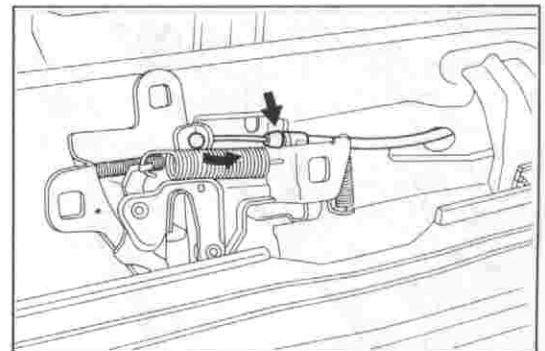
REMOVAL

Removal of hood lock control cable assembly

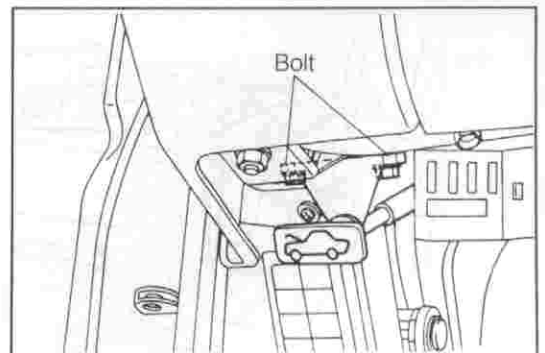
1. Remove the hood lock assembly by removing the three bolts.
2. Disconnect the hood lock control cable from the hood lock assembly.
3. Remove the hood lock control cable attaching bolts.
4. Pull out the hood lock control cable from the vehicle interior. Then, take it out from the vehicle.



WRE91-BO099



WRE91-BO100



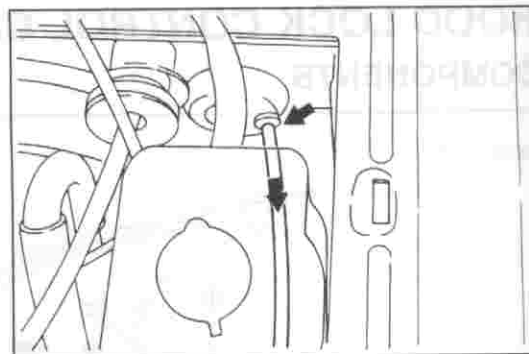
WRE91-BO101

BODY

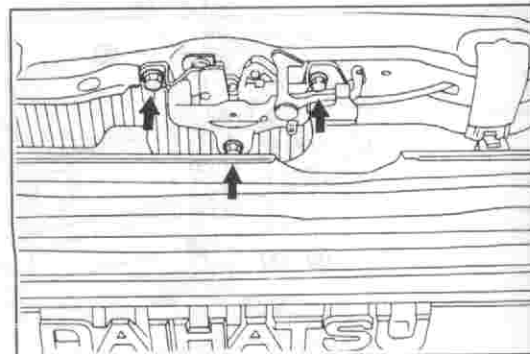
INSTALLATION

Installation of hood lock control cable assembly

1. Install the hood lock control cable to the body from the vehicle interior.
2. Install the hood lock control cable to the body by installing the two attaching bolts.
3. Connect the hood lock control cable to the hood lock assembly.
4. Install the hood lock assembly with three bolts.

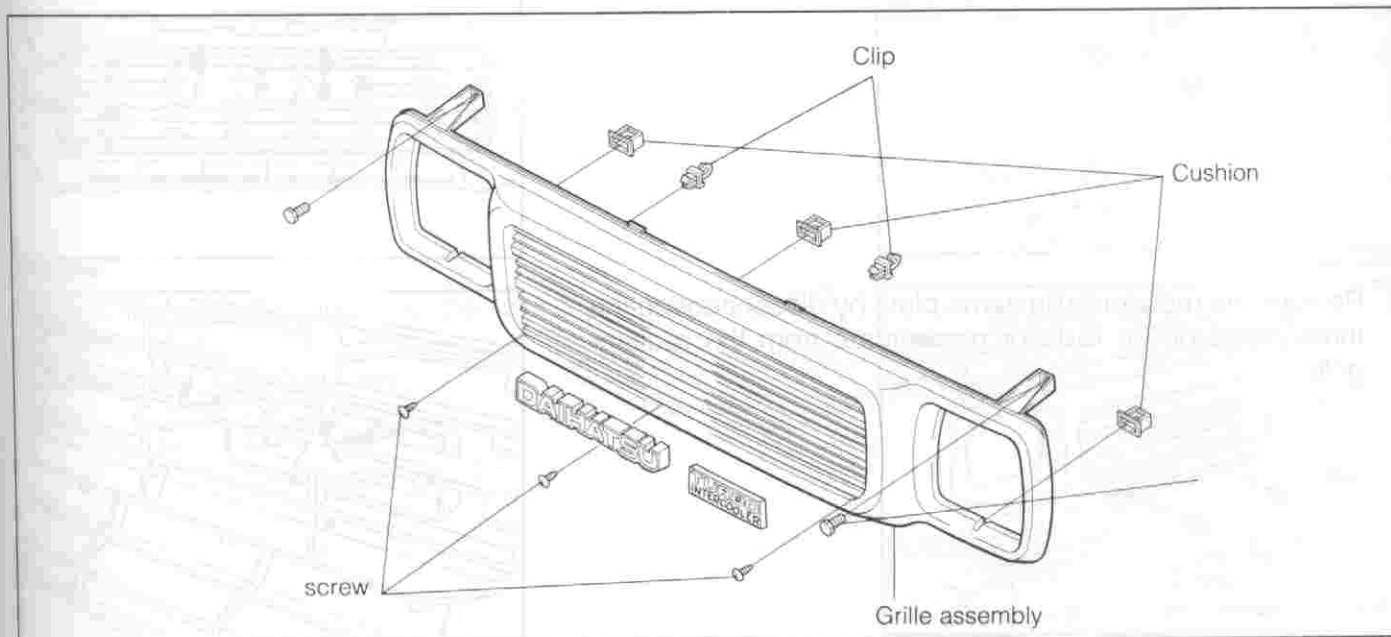


WRE91-BO102



WRE91-BO103

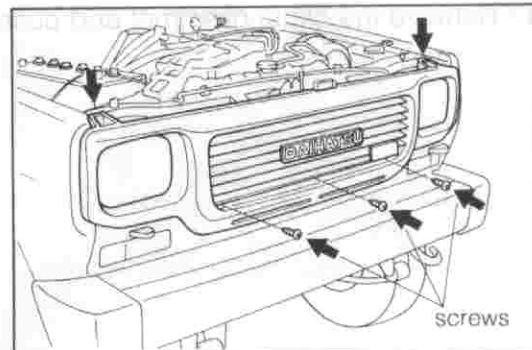
RADIATOR GRILLE COMPONENTS



WRE91-BO104

REMOVAL

1. Removal of radiator grille assembly
 - (1) Remove the two screws.
(upper side of radiator grille)
 - (2) Remove the three screws.
(lower-front side of radiator grille)
(There are some cases where no screw is provided.)

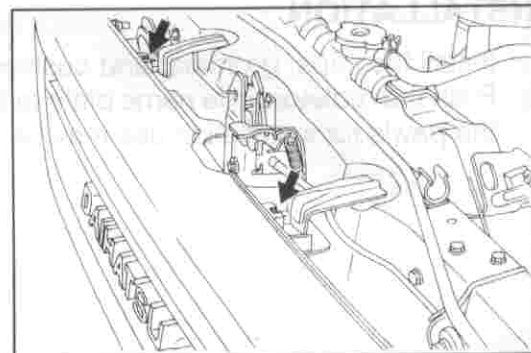


WRE91-BO105

- (3) Detach the two clips.

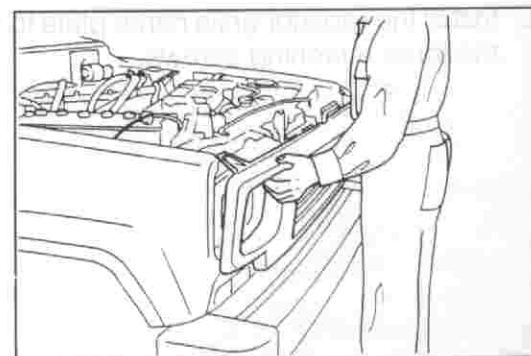
NOTE:

- While holding the pawl section at the top of the clip with a screwdriver or the like, remove the radiator grille from the radiator support by pulling it toward you.



WRE91-BO106

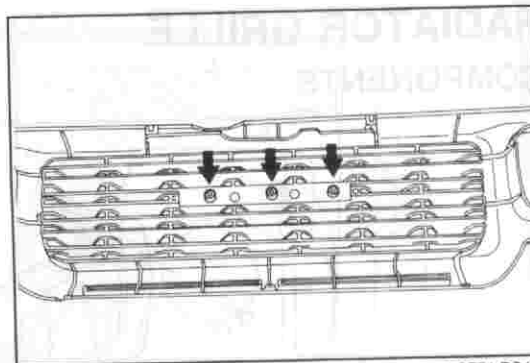
- (4) While lifting the radiator grille upward, remove the radiator grille by disconnecting the pawl section at the lower section of the radiator grille.



WRE91-BO107

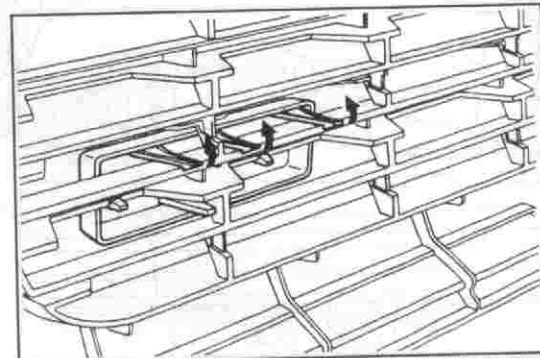
BODY

2. Remove the radiator grille name plate by removing the three attaching screws.



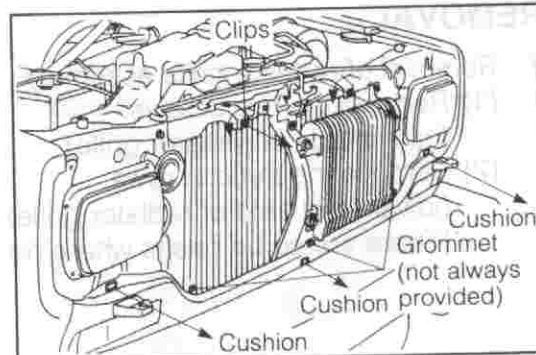
WRE91-BO108

3. Remove the radiator grille name plate by disconnecting the three pawls of the radiator name plate from the radiator grille.



WRE91-BO109

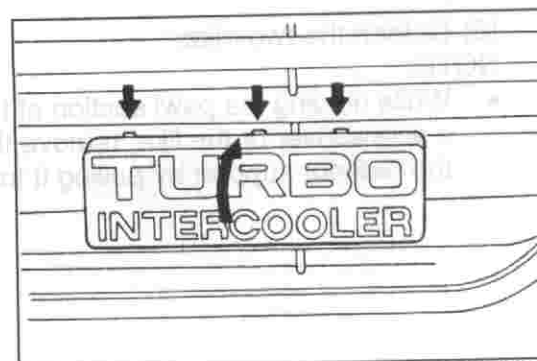
4. Remove the clips, grommet and cushion from the body.



WRE91-BO110

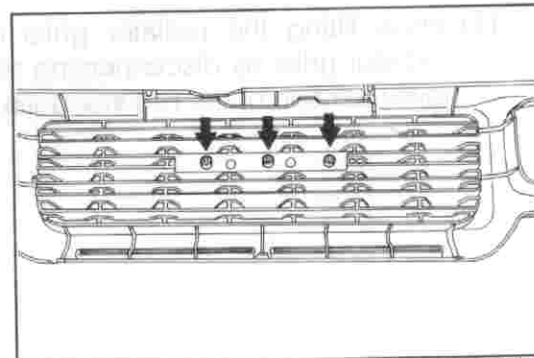
INSTALLATION

1. Install the clips, grommet and cushion to the body.
2. Push the radiator grille name plate to the radiator grille, until the pawls for installation use may be engaged positively.



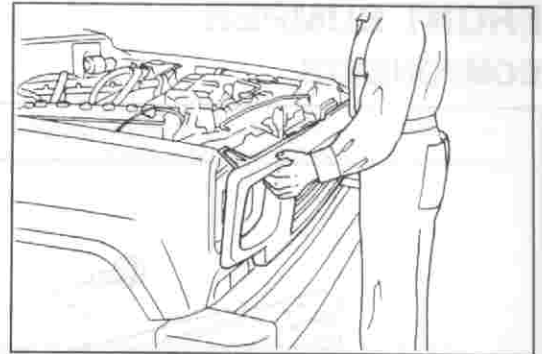
WRE91-BO111

3. Install the radiator grille name plate to the radiator grille with the three attaching screws.



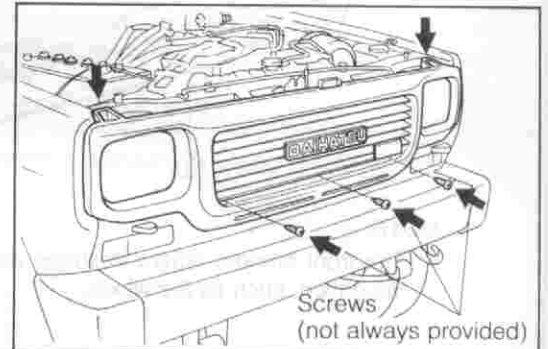
WRE91-BO112

4. While inserting the lower pawl of the radiator grille into the cushion, install the radiator grille on the vehicle.



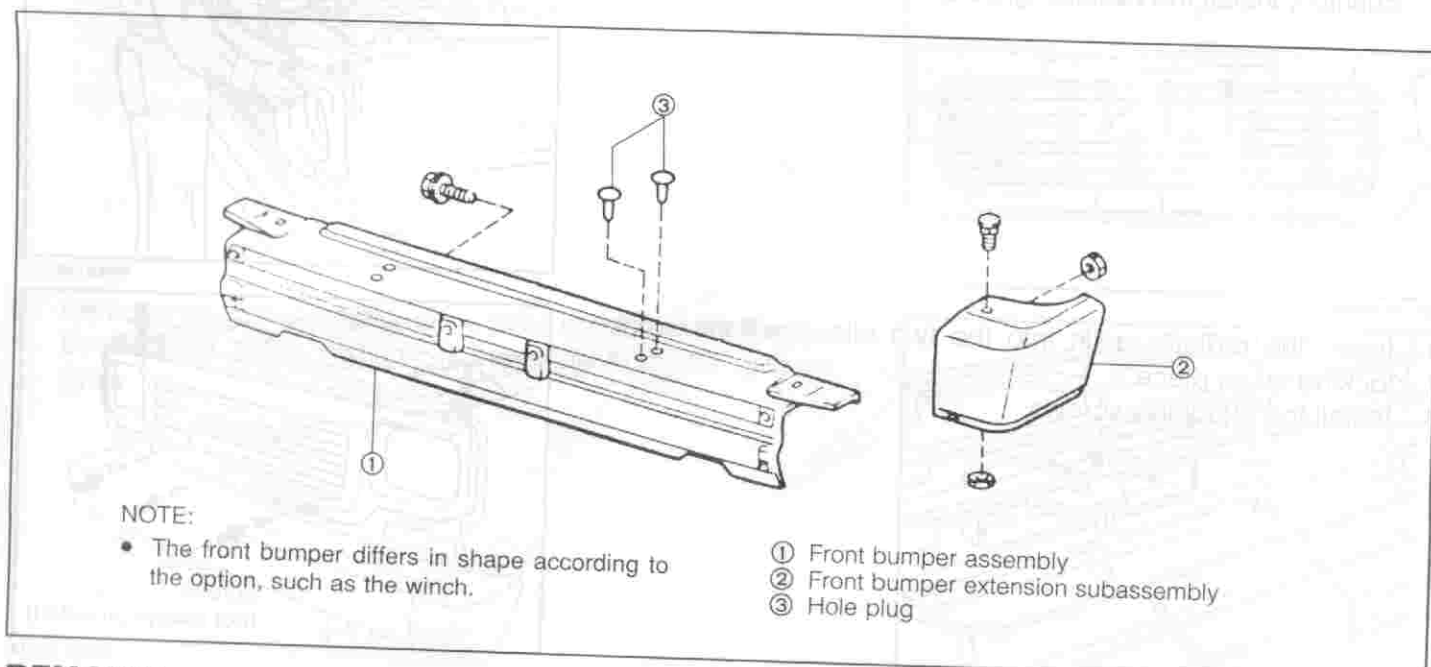
WRE91-BO113

5. Insert the radiator grille into the two clip positions, until locking takes place.
6. Install the attaching screws.



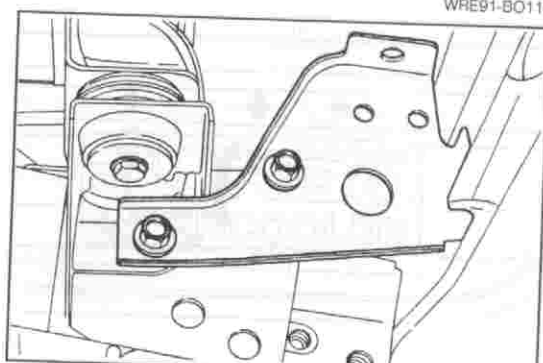
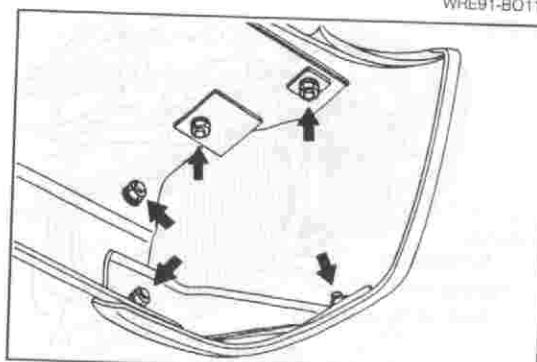
WRE91-BO114

FRONT BUMPER COMPONENTS



REMOVAL

1. Remove the number plate.
2. Remove the winch, (if so equipped).
3. Remove the front bumper guard bar subassembly, (if so equipped).
4. Remove the front bumper extension attaching nuts and bolts.
5. Remove the front bumper assembly from the frame by removing the attaching bolts.



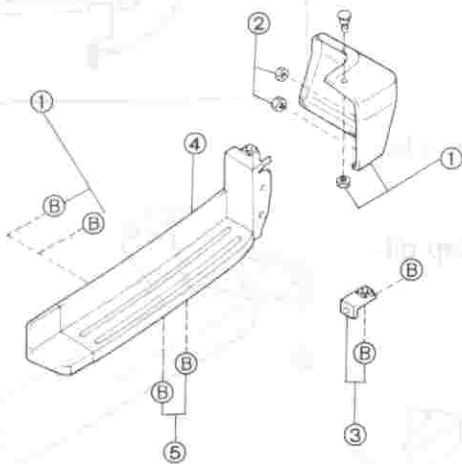
WRE91-BO117

INSTALLATION

1. Install the front bumper to the frame by the four attaching screws.
Tightening Torque: 29.4 - 44.1 N·m
(3.0 - 4.5 kgf-m 21.7 - 32.5 ft-lb)
2. Install the front bumper extension attaching nuts and bolts.
3. Install the front bumper guard bar subassembly, (if so equipped).
4. Install the winch, (if so equipped).
5. Install the number plate.

REAR BUMPER **<F70 & F75>** **COMPONENTS**

This figure shows the right side of the rear bumper.
 The left side is symmetrical to the right side.

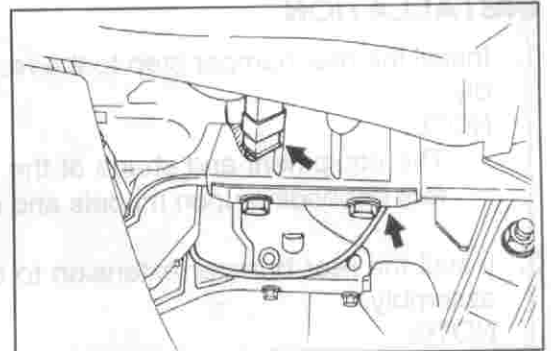


- ① Rear bumper extension subassembly & nut
- ② Nut
- ③ Rear bumper side support
- ④ Bumper assembly
- ⑤ Bolt

WRE91-BO119

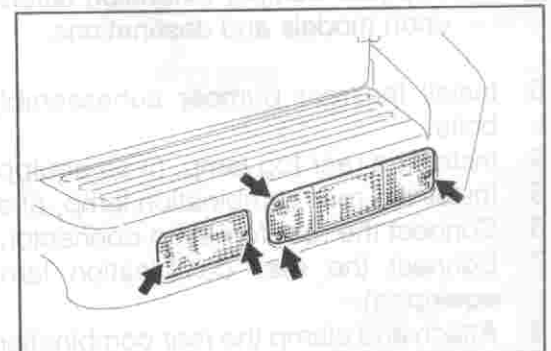
REMOVAL

1. Remove the rear combination lamp harness from the clamp, (if so equipped).
2. Disconnect the rear combination lamp connector, (if so equipped).
3. Disconnect the rear fog lamp connector, (if so equipped).



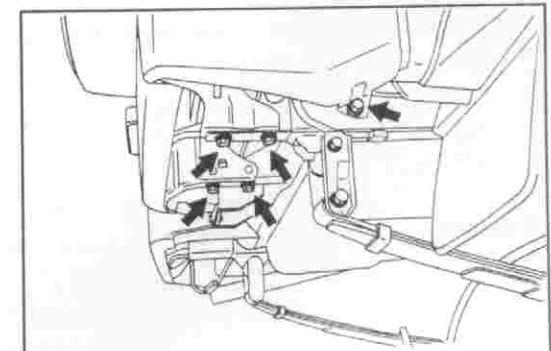
WRE91-BO120

4. Remove the rear combination lamp, (if so equipped).
5. Remove the rear fog lamp, (if so equipped).



WRE91-BO121

6. Remove the rear bumper subassembly by removing the attaching bolts.



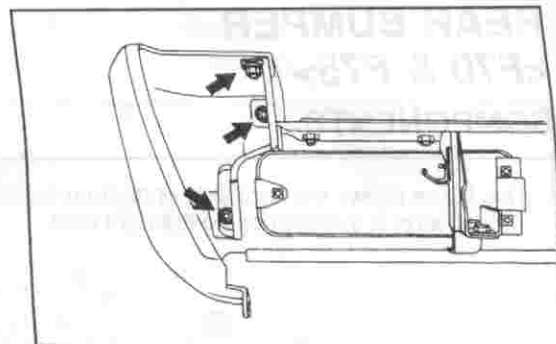
WRE91-BO122

BODY

7. Remove the rear bumper extension from the rear bumper subassembly.

NOTE:

- The rear bumper extension differs in shape according to the models and destinations.



WRE91-BO123

8. Remove the rear bumper step from the rear bumper stay from the rear bumper subassembly.

NOTE:

- The equipment and shape of the rear bumper step differs depending upon models and destinations.

WRE91-BO124

INSTALLATION

1. Install the rear bumper step to the rear bumper subassembly.

NOTE:

- The equipment and shape of the rear bumper step differs depending upon models and destinations.

2. Install the rear bumper extension to the rear bumper subassembly.

NOTE:

- The rear bumper extension differs in shape depending upon models and destinations.

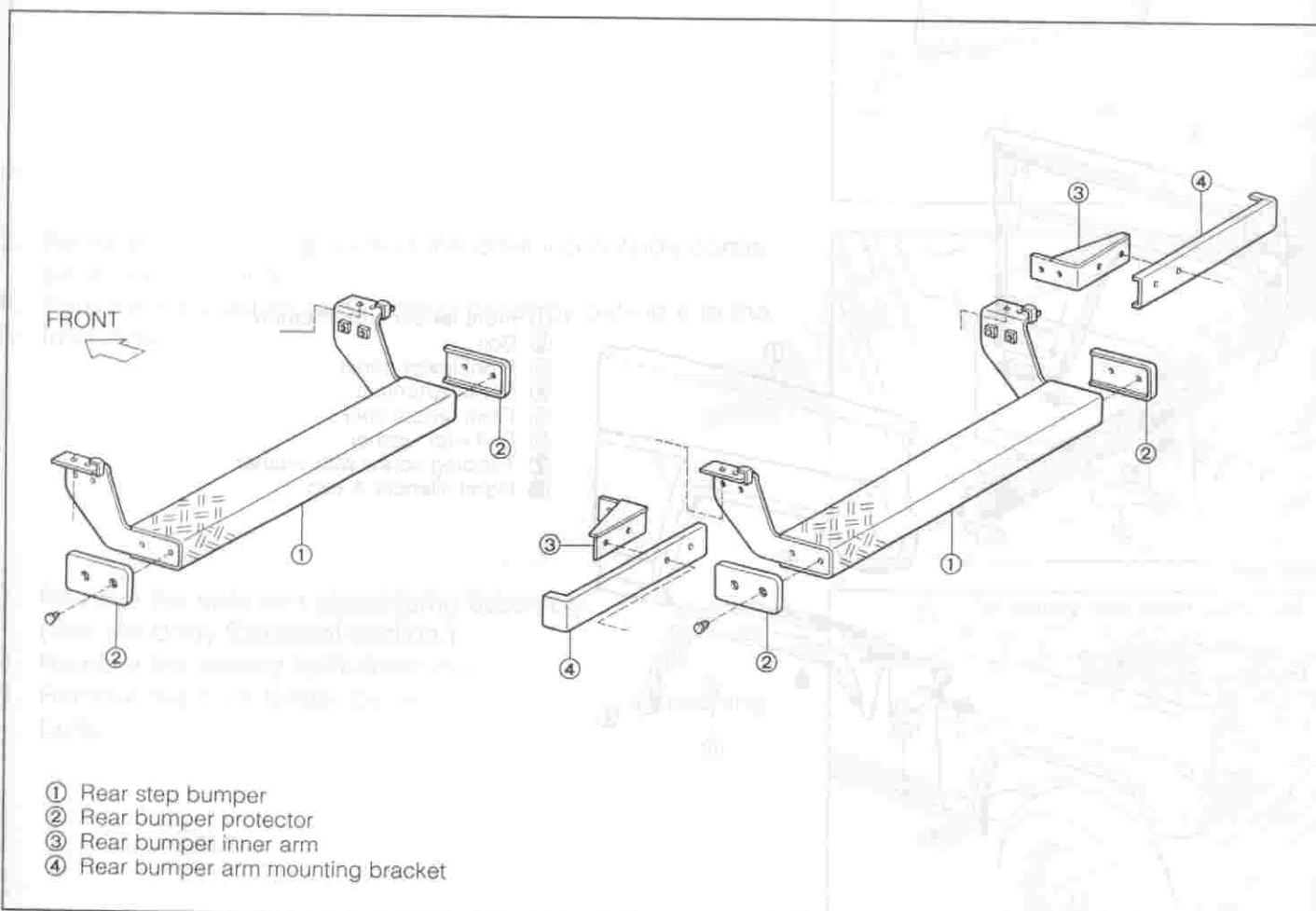
3. Install the rear bumper subassembly with the attaching bolts.
4. Install the rear fog lamp, (if so equipped).
5. Install the rear combination lamp, (if so equipped).
6. Connect the rear fog lamp connector, (if so equipped).
7. Connect the rear combination lamp connector, (if so equipped).
8. Attach and clamp the rear combination lamp harness to the clamp.

WRE91-BO125

REAR STEP BUMPER

<F77>

COMPONENTS



WRE91-BO126

REMOVAL

1. Remove the rear bumper inner arm by removing the attaching bolts, (if so equipped).
2. Remove the rear bumper arm mounting bracket by removing the attaching bolts, (if so equipped).
3. Remove the rear bumper protector.
4. Remove the rear step bumper by removing the attaching bolts.

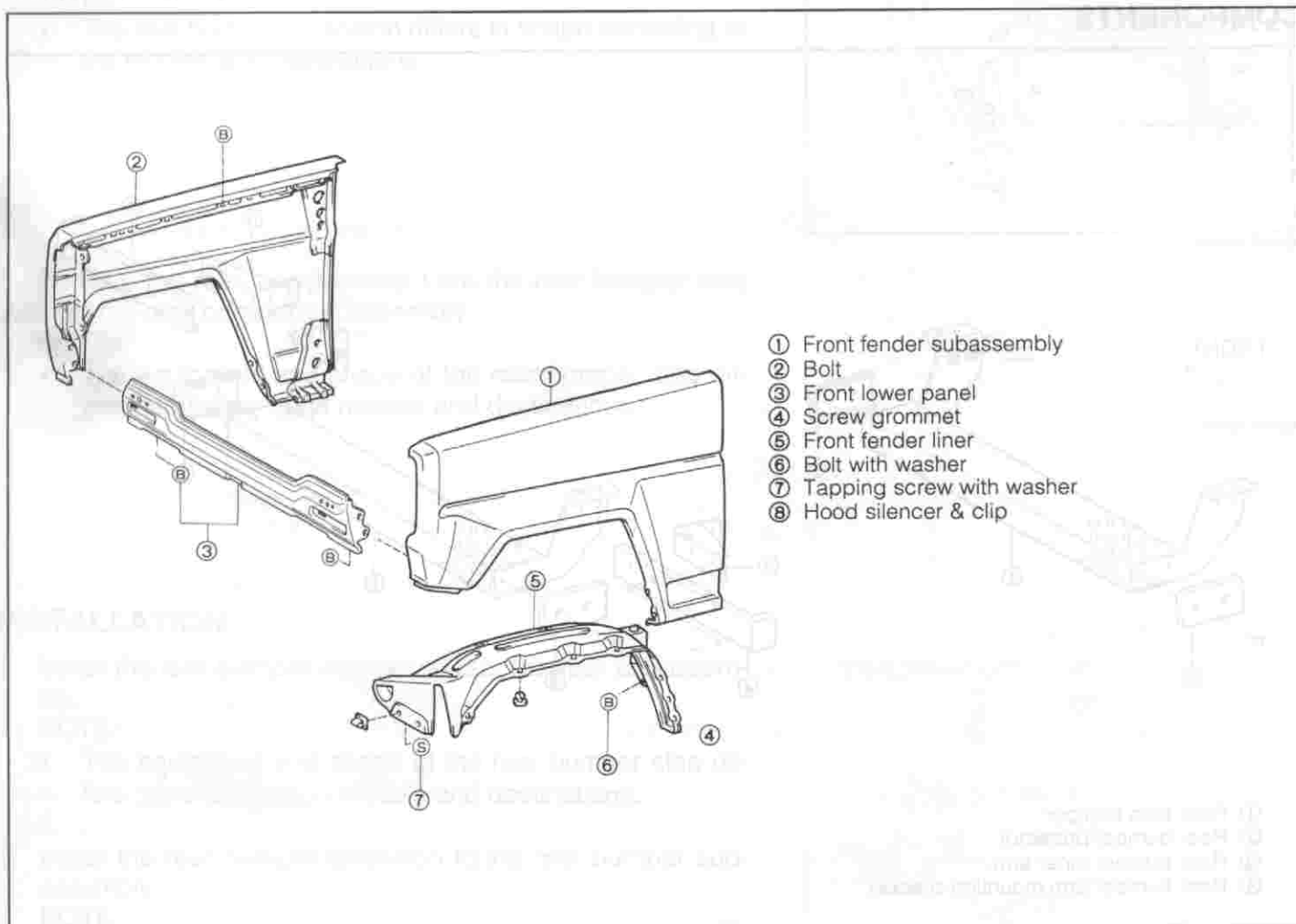
WRE91-BO127

INSTALLATION

1. Install the rear step bumper with the attaching bolts.
2. Install the rear bumper protector.
3. Install the rear bumper arm mounting bracket with the attaching bolts, (if so equipped).
4. Install the rear bumper inner arm with the attaching bolts.

WRE91-BO128

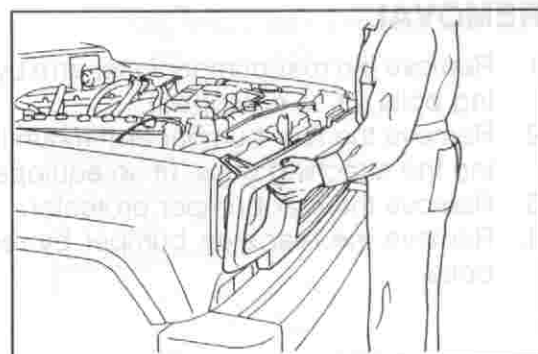
FRONT FENDER COMPONENTS



WRE91-BO129

REMOVAL

1. Remove the radiator grille.
(See page BO-63.)

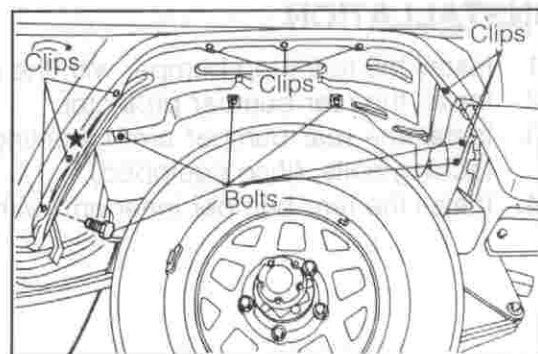


WRE91-BO130

2. Remove the front wheel opening extension.
(See page BO-73.)
3. Remove the front fender liner by removing the clip and bolts.

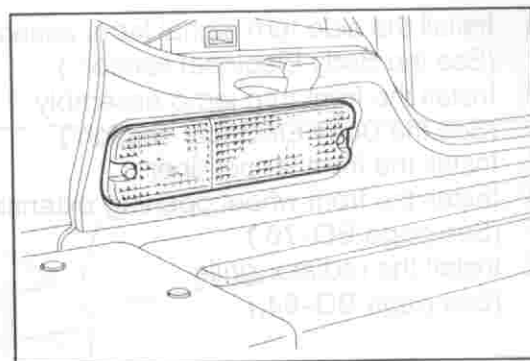
NOTE:

- While preventing the clip outer from turning, detach the clip by loosening the clip center with a screwdriver.
- The clips bearing the asterisk (*) mark are for the vehicle equipped with wheel extensions.



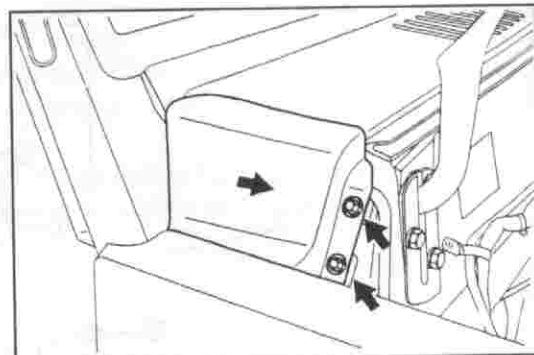
WRE91-BO131

4. Remove the front turn lamp assemblies.



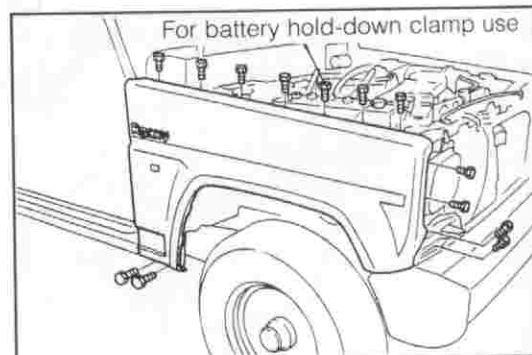
WRE91-BO132

5. Remove the attaching bolts of the cowl top outside corner panel subassembly.
6. Remove the cowl top side corner panel by pulling it to the front side.



WRE91-BO133

7. Remove the side turn signal lamp assembly. (See the Body Electrical section.)
8. Remove the battery hold down clamp bolt.
9. Remove the front fender by removing the twelve attaching bolts.



WRE91-BO134

INSTALLATION

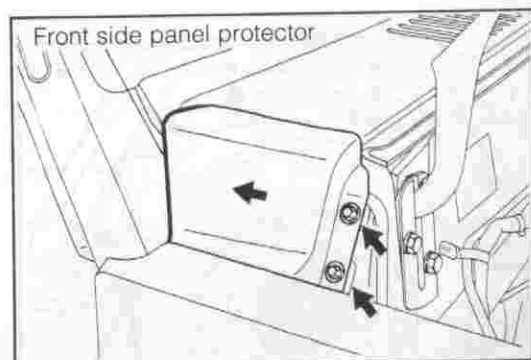
NOTE:

- To prevent rust formation, apply rust preventive liquid or paint having the same color as the body to the front fender attaching sections, attaching bolts and so forth.

1. Install the front fender to the body with the twelve bolts.
2. Install the battery hold-down clamp attaching bolts.
3. Install the front side panel protector to the cowl top outside corner panel.
4. Install the cowl top outside corner panel in such a way that it may be inserted into the front side panel set retainer from the front side. Tighten the attaching bolts.



WRE91-BO135



WRE91-BO136

BODY

5. Install the side turn signal lamp assembly.
(See the Body Electrical section.)
6. Install the front turn lamp assembly.
(See the Body Electrical section.)
7. Install the front fender liner.
8. Install the front wheel opening extension.
(See page BO-76.)
9. Install the radiator grille.
(See page BO-64.)

WRE91-BO138



Remove the side turn signal lamp assembly.
(See the Body Electrical section.)
Remove the front turn lamp assembly.
(See the Body Electrical section.)
Remove the front fender liner.
Remove the front wheel opening extension.
(See page BO-76.)
Remove the radiator grille.
(See page BO-64.)

Remove the side turn signal lamp assembly.
(See the Body Electrical section.)
Remove the front turn lamp assembly.
(See the Body Electrical section.)
Remove the front fender liner.
Remove the front wheel opening extension.
(See page BO-76.)
Remove the radiator grille.
(See page BO-64.)

REMOVAL

1. Remove the front wheel opening extension.
(See page BO-76.)

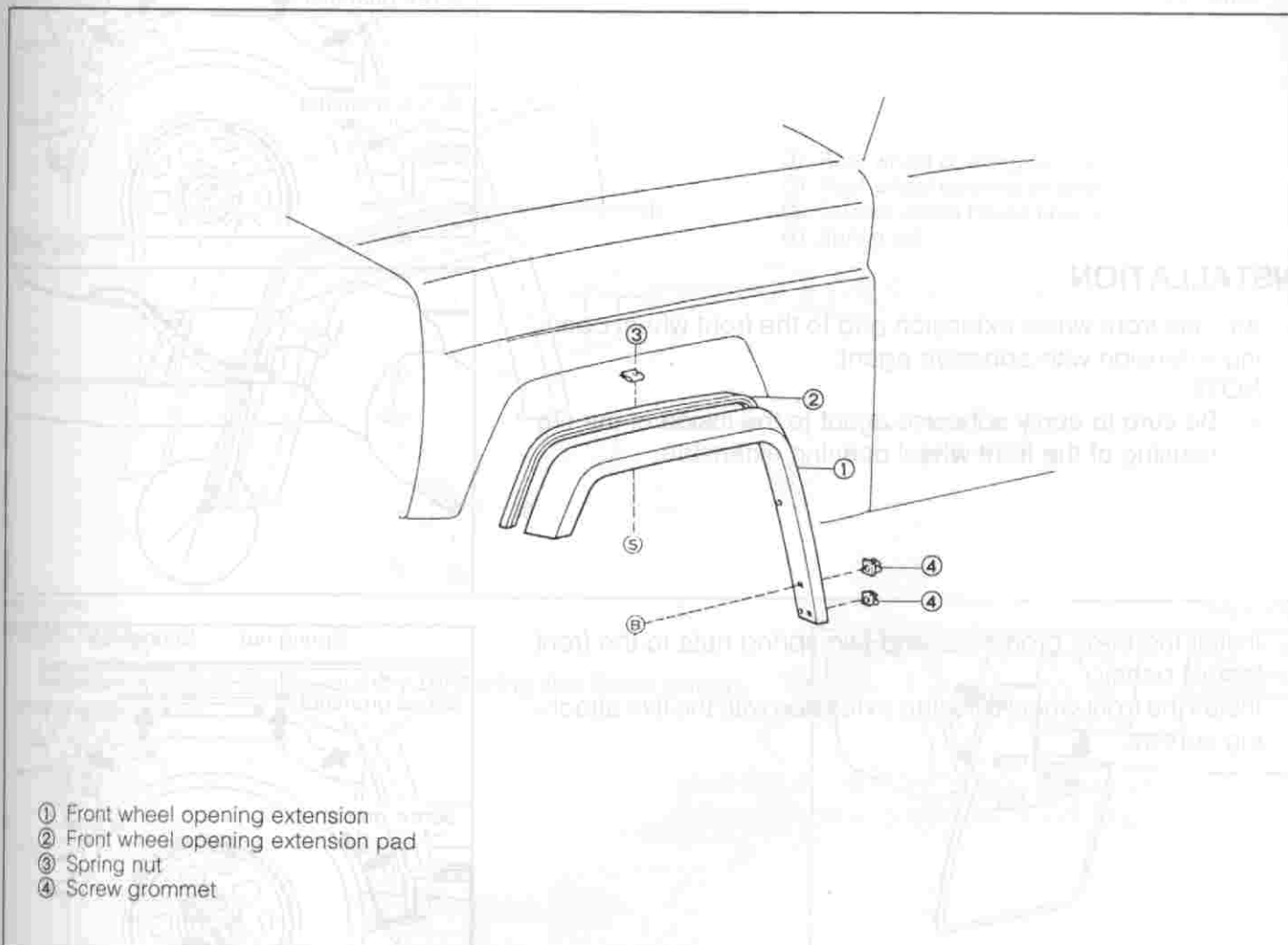


Remove the front wheel opening extension.
(See page BO-76.)
Remove the radiator grille.
(See page BO-64.)



Remove the radiator grille.
(See page BO-64.)
Remove the front fender liner.
Remove the front wheel opening extension.
(See page BO-76.)
Remove the side turn signal lamp assembly.
(See the Body Electrical section.)
Remove the front turn lamp assembly.
(See the Body Electrical section.)

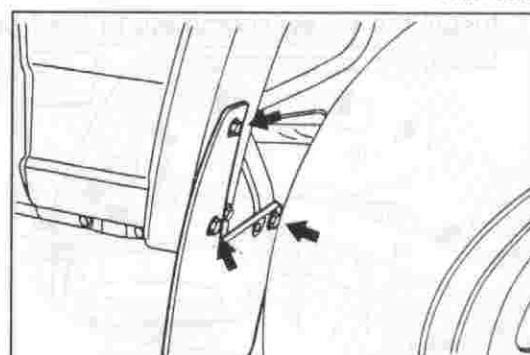
FRONT WHEEL OPENING EXTENSION COMPONENTS



WRE91-BO139

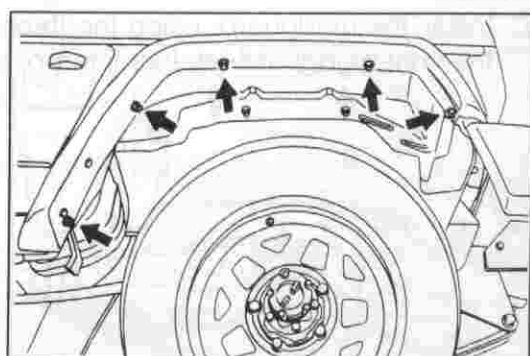
REMOVAL

1. Remove the front mudguard by removing the three attaching screws.



WRE91-BO140

2. Remove the front wheel opening extension by removing the five attaching screws.



WRE91-BO141

BODY

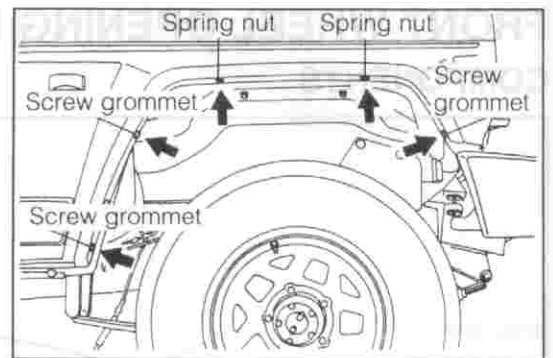
3. Remove the two spring nuts and three grommets.
4. Remove the screw grommets from the front wheel opening extension.

INSTALLATION

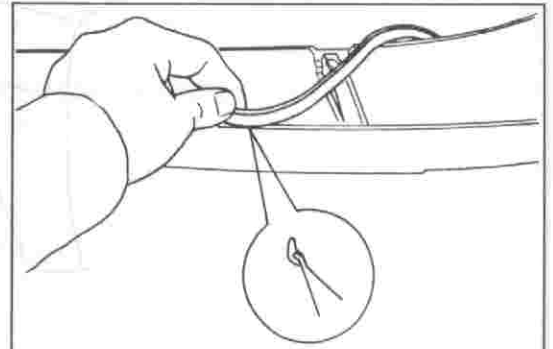
1. Affix the front wheel extension pad to the front wheel opening extension with adhesive agent.

NOTE:

- Be sure to apply adhesive agent to the inside of the tire housing of the front wheel opening extension.

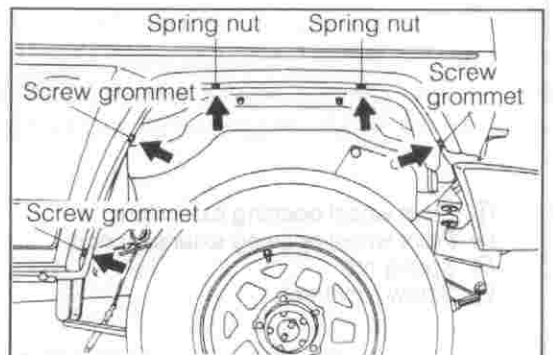


WRE91-BO142



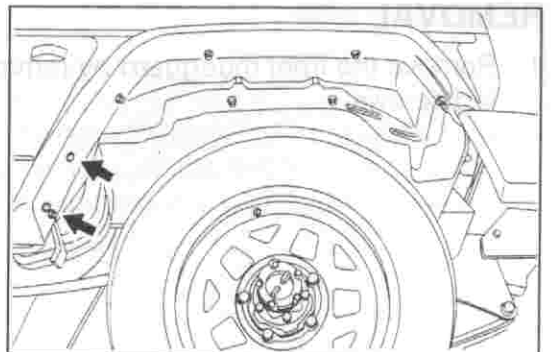
WRE91-BO143

2. Install the three grommets and two spring nuts to the front fender panel.
3. Install the front wheel opening extension with the five attaching screws.



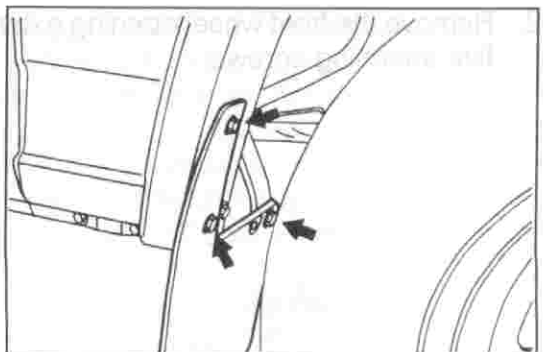
WRE91-BO144

4. Install the screw grommets to the front wheel opening extension.



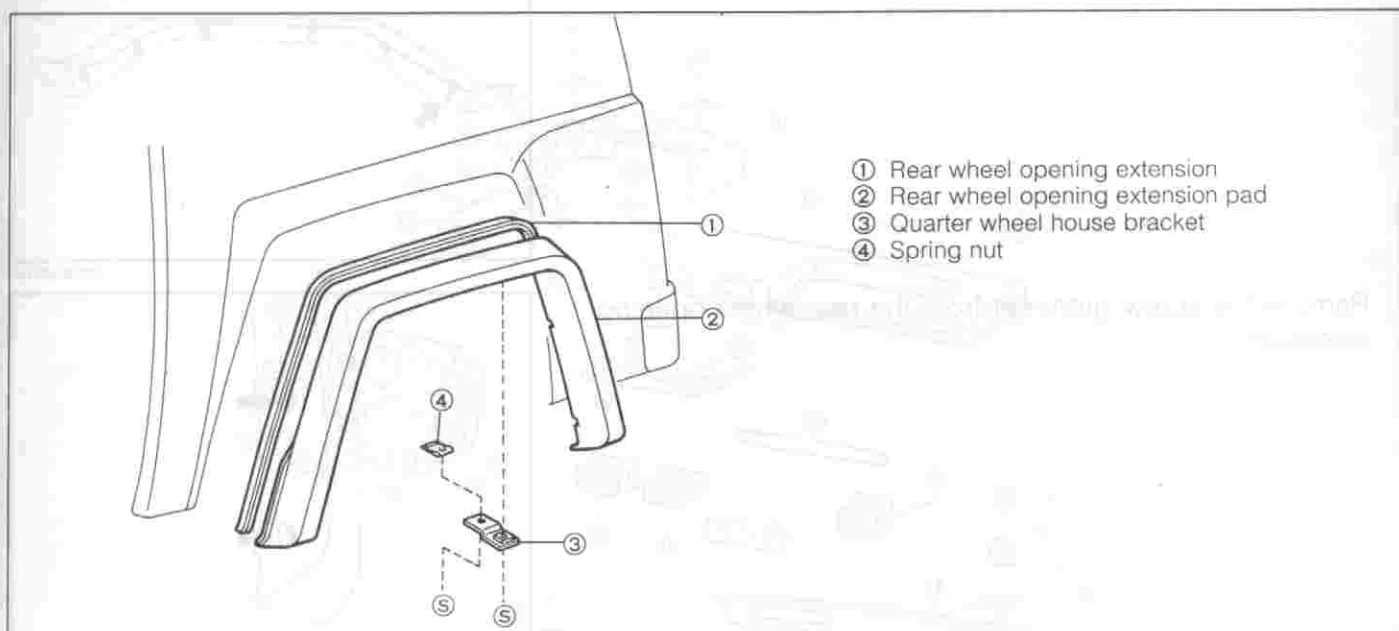
WRE91-BO145

5. Install the mudguard, using the three attaching bolts, with the front mudguard retainer interposed.



WRE91-BO146

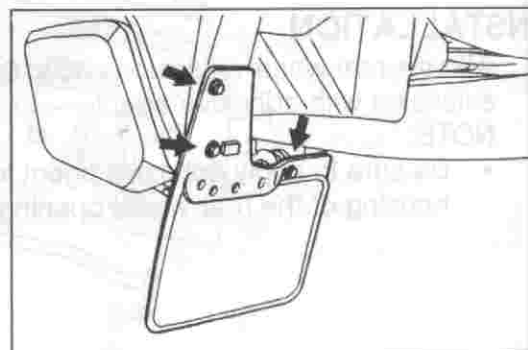
REAR WHEEL OPENING EXTENSION COMPONENTS



WRE91-BO147

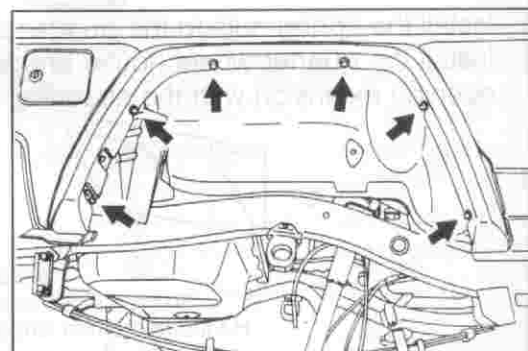
REMOVAL

1. Remove the rear mudguard by removing the three attaching screws.



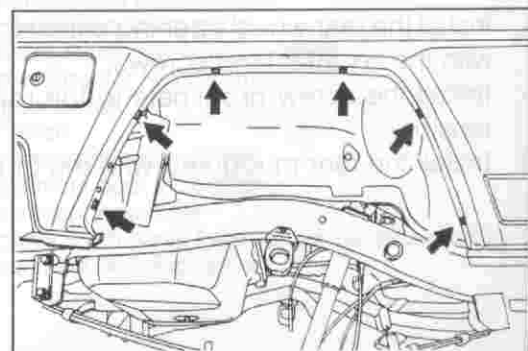
WRE91-BO148

2. Remove the rear wheel opening extension by removing the six attaching screws.



WRE91-BO149

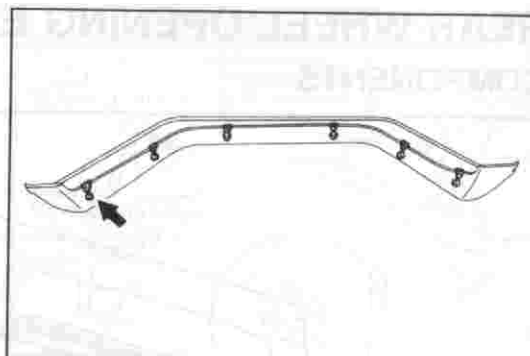
3. Remove the six spring nuts from the quarter panel.



WRE91-BO150

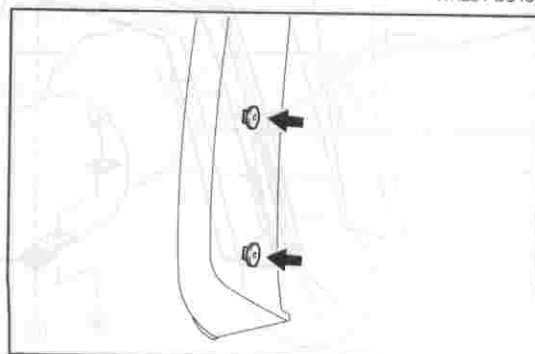
BODY

- Remove the quarter wheel house brackets from the rear wheel opening extension by removing the attaching screws.



WRE91-BO151

- Remove the screw grommet from the rear wheel opening extension.



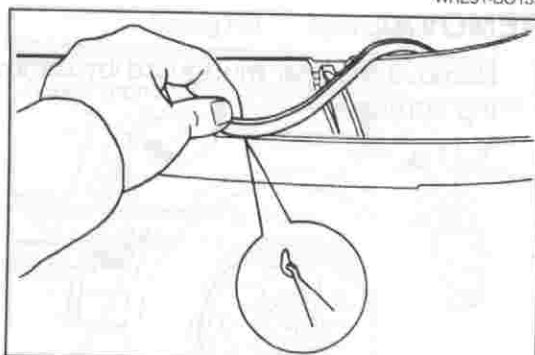
WRE91-BO152

INSTALLATION

- Affix the rear wheel extension pad to the rear wheel opening extension with adhesive agent.

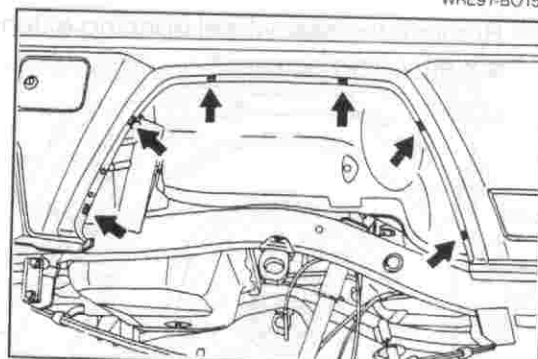
NOTE:

- Be sure to apply adhesive agent to the inside of the tire housing of the rear wheel opening extension.



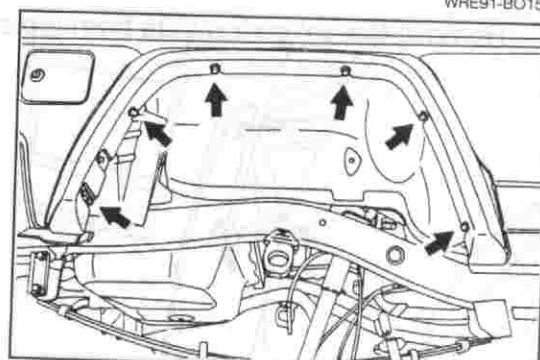
WRE91-BO153

- Install the spring nuts to the quarter panel.
- Install the quarter wheel house brackets to the rear wheel opening extension with the attaching screws.



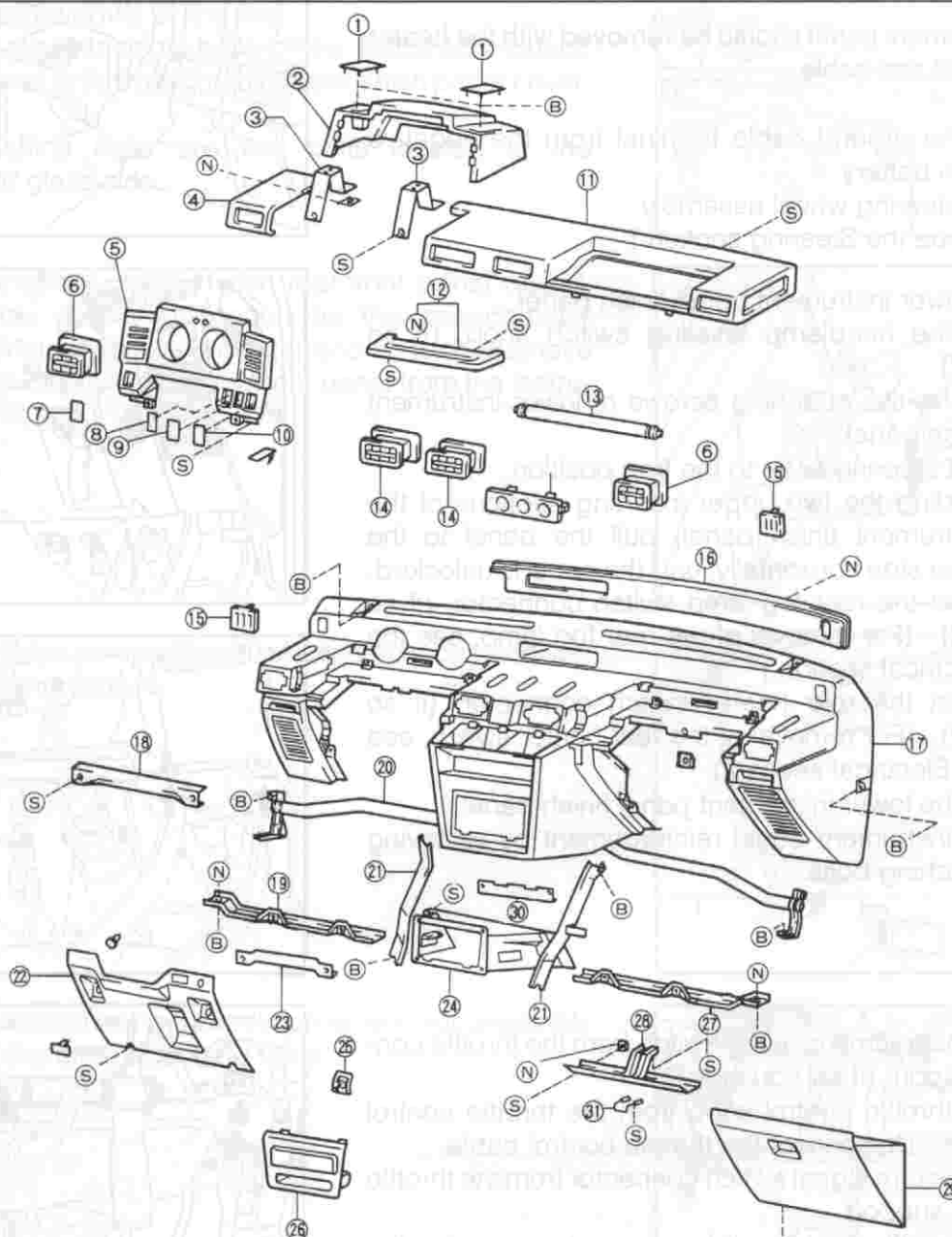
WRE91-BO154

- Install the rear wheel opening extension to the quarter panel with the six attaching screws.
- Install the screw grommets to the rear wheel opening extension.
- Install the rear mudguard with the three attaching screws.



WRE91-BO155

INSTRUMENT PANEL COMPONENTS



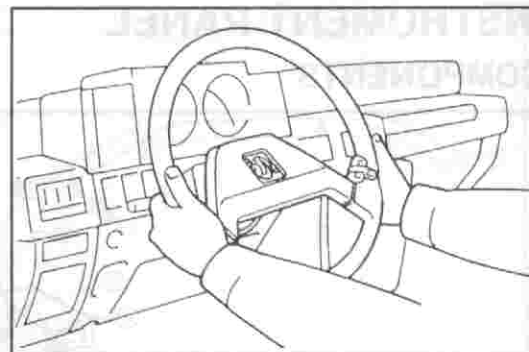
- | | |
|--|---|
| ① Instrument cluster finish panel cover | ①⑦ Instrument panel |
| ② Instrument cluster finish front panel | ①⑧ Throttle control cable support |
| ③ Meter hood set front bracket | ①⑨ Instrument panel reinforcement LH |
| ④ Instrument panel safety side pad | ②① Instrument panel reinforcement |
| ⑤ Instrument panel cluster finish rear panel | ②② Instrument panel brace subassembly |
| ⑥ Instrument panel side register | ②③ Instrument panel finish panel No.1 retainer |
| ⑦ Base switch hole cover or power shift switch | ②④ Instrument panel center reinforcement |
| ⑧ Base switch hole cover or rear wiper switch | ②⑤ Cigarette lighter bezel |
| ⑨ Base switch hole cover or remote control mirror switch | ②⑥ Tape player finish |
| ⑩ Base switch hole cover or rear window defogger switch | ②⑦ Instrument panel reinforcement RH |
| ⑪ Instrument panel safety pad subassembly | ②⑧ Glove compartment door lock retainer |
| ⑫ Instrument panel center tray | ②⑨ Glove compartment assembly |
| ⑬ Front grip | ③① Instrument panel finish panel lower center reinforcement |
| ⑭ Instrument center register | ③② Glove compartment door lock striker |
| ⑮ Defroster nozzle | |
| ⑯ Instrument panel safety pad | |

BODY

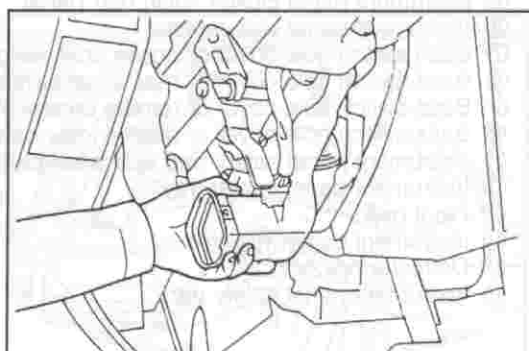
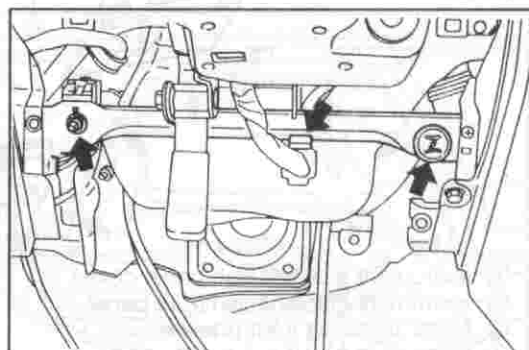
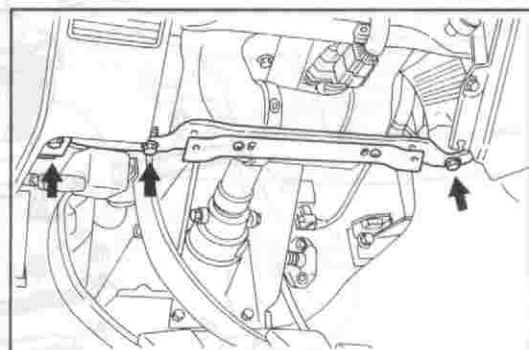
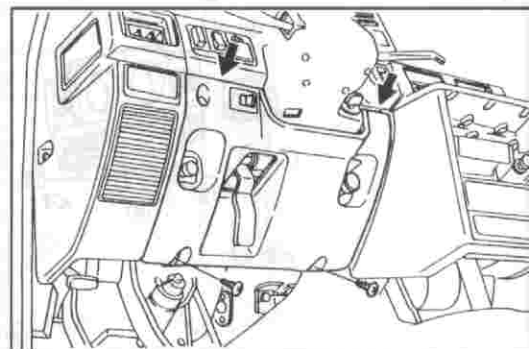
REMOVAL

NOTE:

- The instrument panel should be removed with the heater control unit and cable.



1. Disconnect the ground cable terminal from the negative terminal of the battery.
2. Remove the steering wheel assembly.
(For details, see the Steering section.)
3. Removal of lower instrument panel finish panel
 - (1) Remove the headlamp leveling switch knob, (if so equipped).
 - (2) Remove the two attaching screws of lower instrument panel finish panel.
 - (3) Set the tilt steering lever to the free position.
 - (4) While holding the two upper inserting sections of the lower instrument finish panel, pull the panel to the vehicle rear side horizontally, until the panel is unlocked.
 - (5) Disconnect the rear fog lamp switch connector, (if so equipped). (For removal of the rear fog lamp, see the Body Electrical section.)
 - (6) Disconnect the rear heater switch connector, (if so equipped). (For removal of the rear heater switch, see the Body Electrical section.)
 - (7) Remove the lower instrument panel finish panel.
4. Remove the instrument panel reinforcement by removing the three attaching bolts

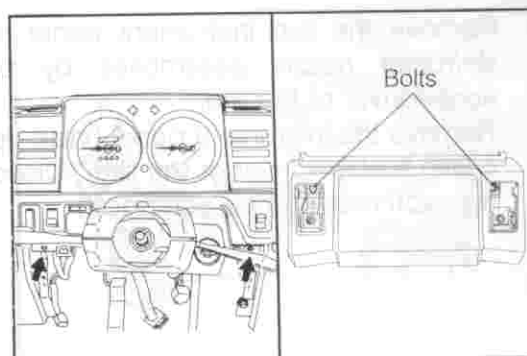


5. Remove the headlamp leveling switch from the throttle control cable support, (if so equipped).
6. Remove the throttle control knob from the throttle control cable support. Disconnect the throttle control cable.
7. Disconnect the turn signal switch connector from the throttle control cable support.
8. Remove the throttle control cable support by removing the two attaching screws.
9. Push in the clip center of the air duct No. 1 by one stage.
10. Detach the clip.
11. Remove the air duct No. 1.

12. Remove the two attaching screws of the instrument cluster finish rear panel.
13. Remove the instrument cluster finish panel covers by prying them with a screwdriver or the like.
14. Remove the two attaching bolts of the instrument cluster finish front panel in the instrument cluster finish panel cover.

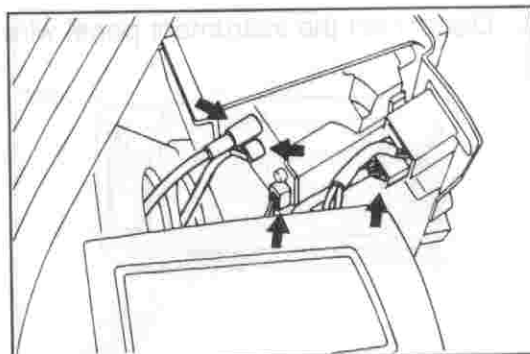
NOTE:

- The attaching bolts are two bolts located at the windshield glass side.



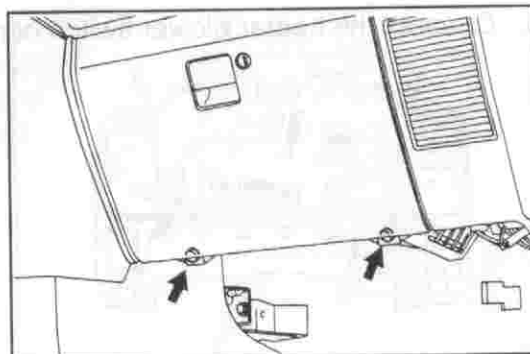
WRE91-BO162

15. With the instrument cluster finish rear/front panel raised, disconnect the connectors, such as the speedometer cable, combination meter connector and so forth. Remove the instrument cluster finish rear/front panel from the instrument panel.



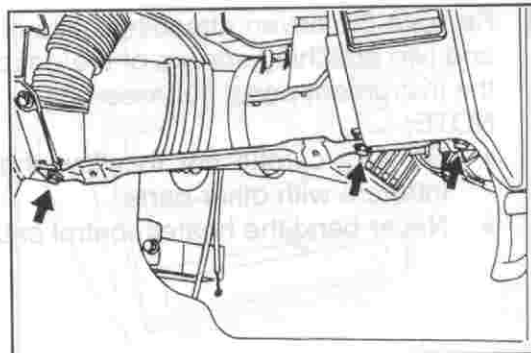
WRE91-BO163

16. Remove the glove compartment subassembly by removing the two attaching screws.



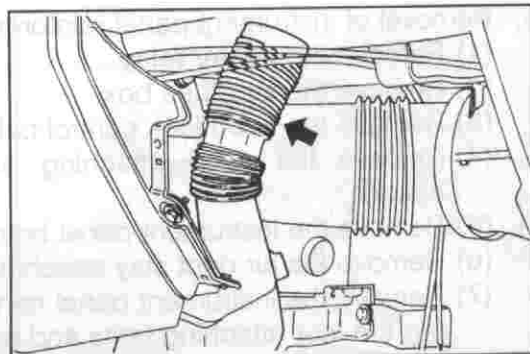
WRE91-BO164

17. Remove the instrument panel reinforcement subassembly by removing the three attaching bolts.



WRE91-BO165

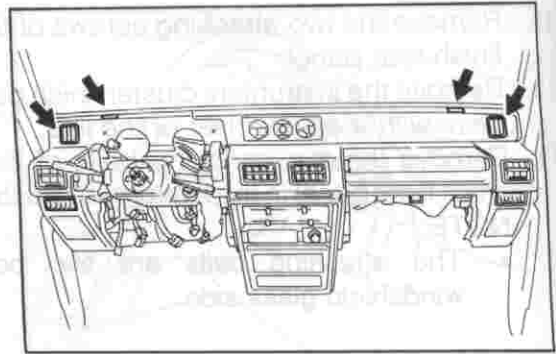
18. Remove the defroster hoses (at both sides).
19. Disconnect the heater control cable from the front heater assembly and air damper case. (For details, see the Body Electrical section.)



WRE91-BO166

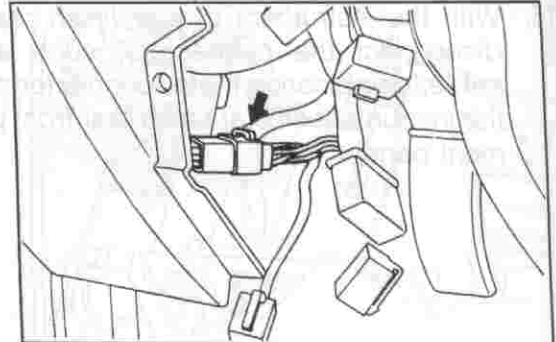
BODY

20. Remove the two instrument panel hole covers and two defroster nozzle assemblies by prying them with a screwdriver or the like.
21. Remove the instrument panel finish upper panel by prying it with a screwdriver or the like. Disconnect the connector for each meter, (if so equipped).



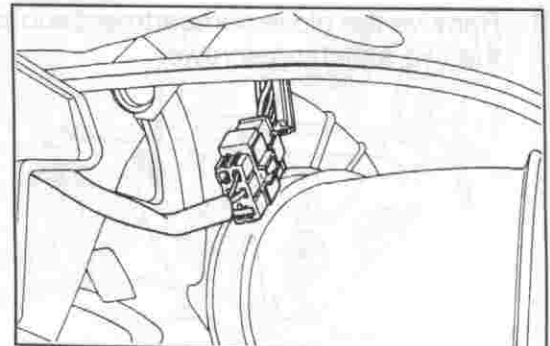
WRE91-BO167

22. Disconnect the instrument panel wire connector.



WRE91-BO168

23. Connect the heater blower switch connector.

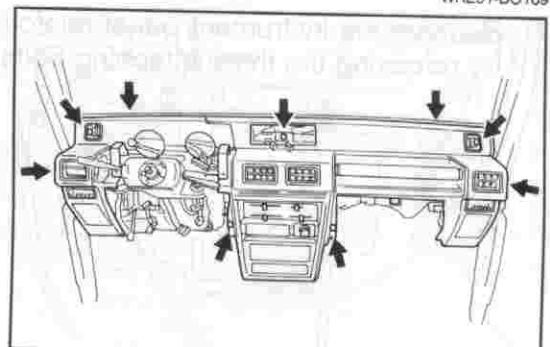


WRE91-BO169

24. Remove the seven attaching bolts of the instrument panel and two attaching screws of the defroster nozzle. Remove the instrument panel subassembly.

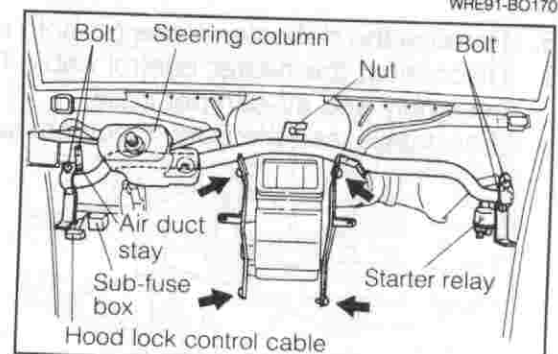
NOTE:

- Be very careful not to allow the instrument panel to interfere with other parts.
- Never bend the heater control cable strongly.



WRE91-BO170

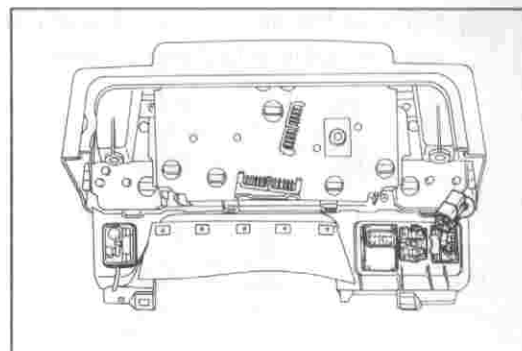
25. Removal of instrument panel reinforcement
 - (1) Remove the starter relay.
 - (2) Remove the sub-fuse box.
 - (3) Remove the hood lock control cable.
 - (4) Remove the three attaching bolts of the steering column.
 - (5) Remove the instrument panel braces No. 1 and No. 2.
 - (6) Remove the air duct stay attaching screw.
 - (7) Remove the instrument panel reinforcement by removing the four attaching bolts and one nut.



WRE91-BO171

26. Disassembly of instrument cluster finish rear panel- related parts

- (1) Remove the power shift switch, rear wiper switch, power window switch and rear defogger switch by pushing them to the outside of the instrument cluster finish rear panel.

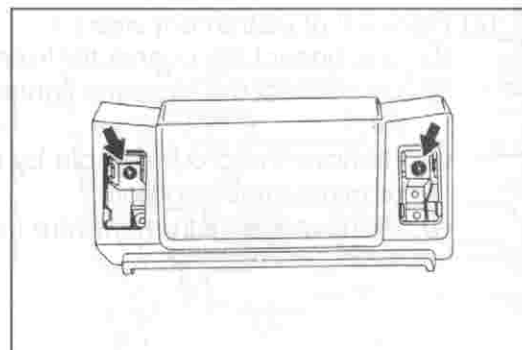


WRE91-BO172

- (2) Remove the instrument cluster front panel from the instrument cluster finish rear panel by removing the two attaching bolts.

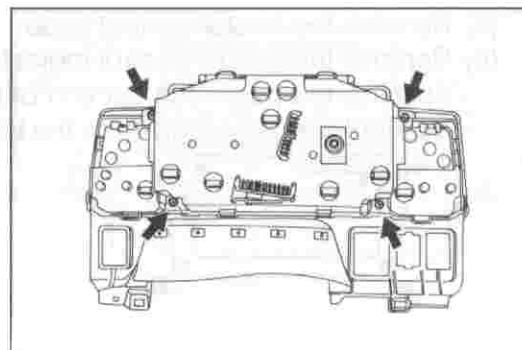
NOTE:

- The installing method is an insertion type.



WRE91-BO173

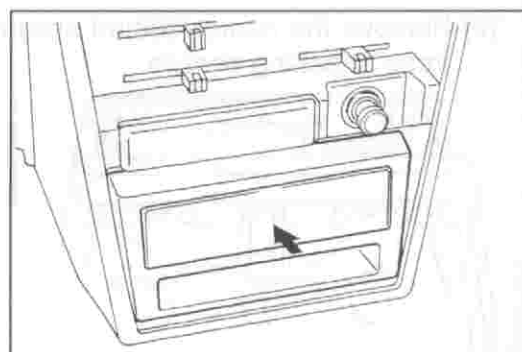
- (3) Remove the combination meter by removing the four attaching screws.



WRE91-BO174

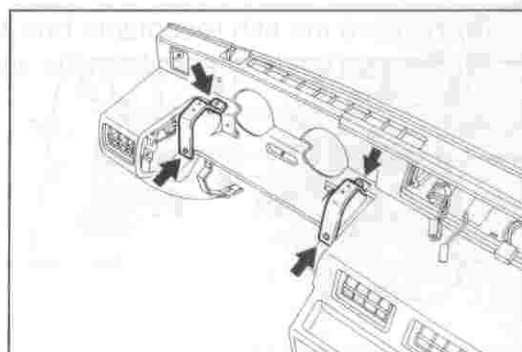
27. Disassembly of instrument subassembly

- (1) Remove the radio cover. (For the radio and speakers, see the Body Electrical section.)



WRE91-BO175

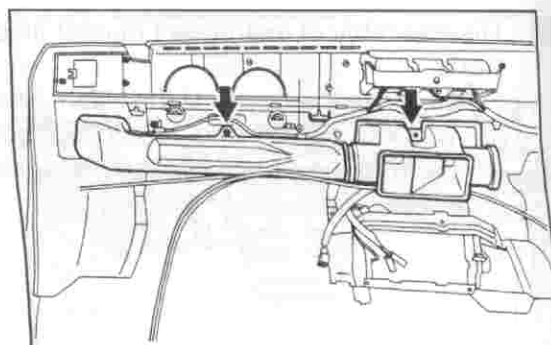
- (2) Remove the meter hood set front bracket by removing the four attaching screws.



WRE91-BO176

BODY

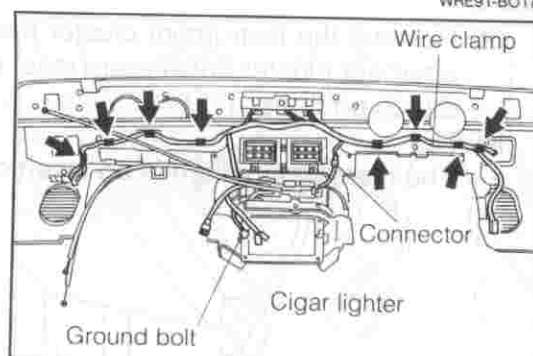
- (3) Remove the air duct No. 4 and center ventilator duct by removing the attaching screws.



WRE91-BO177

- (4) Removal of instrument wire

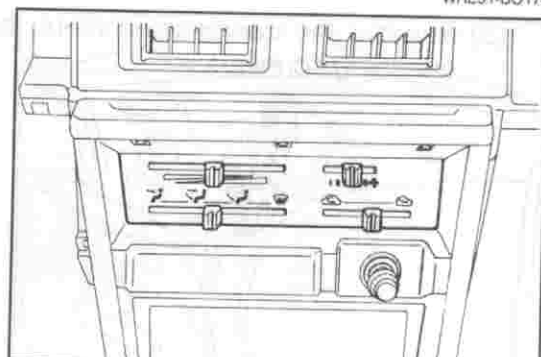
- ① Disconnect the connector from the cigarette lighter.
- ② Disconnect the cigarette lighter illumination connector.
- ③ Remove the ground cable by removing the ground terminal attaching bolt.
- ④ Remove the instrument wire from each clamp.



WRE91-BO178

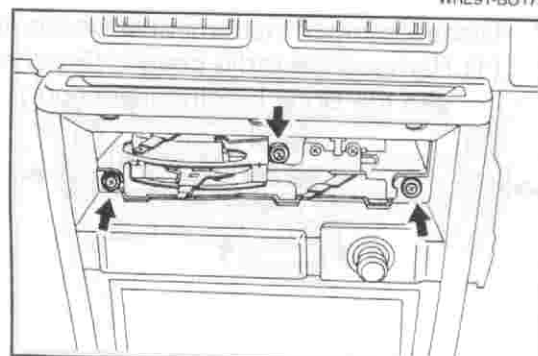
- (5) Remove the heater control knob.

- (6) Remove the heater control indicator lamp assembly by pushing the pawl lock section of the heater control indicator lamp assembly from the back side of the instrument panel.



WRE91-BO179

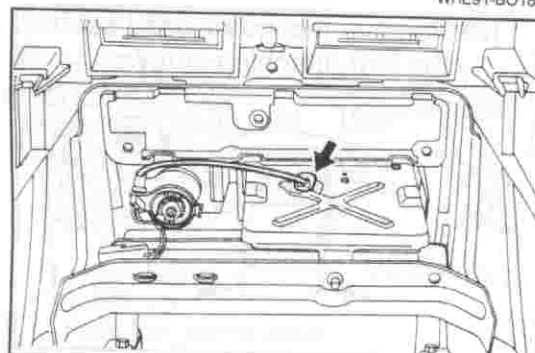
- (7) Remove the heater control assembly by removing the three attaching screws.



WRE91-BO180

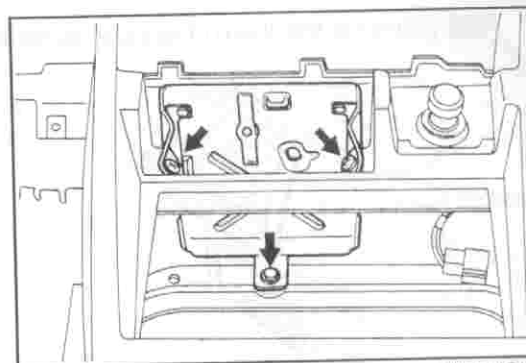
- (8) Remove the ash receptacle box No. 1.

- (9) Remove the fiber cord from the ash receptacle retainer.



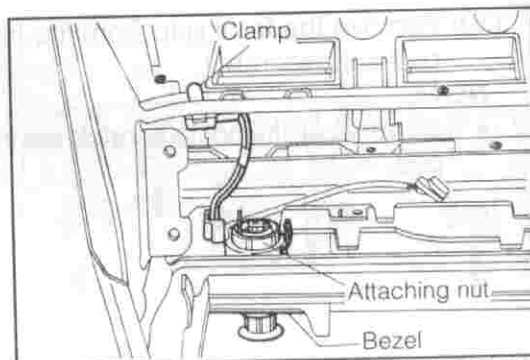
WRE91-BO181

- (10) Remove the ash receptacle retainer by removing the three attaching screws.



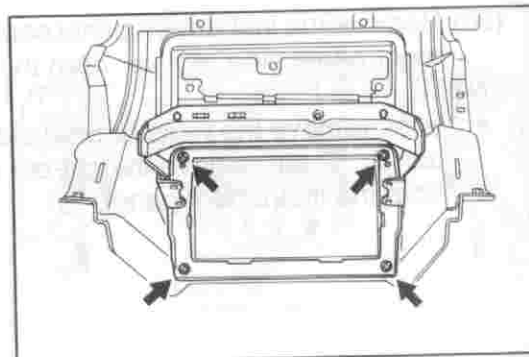
WRE91-BO182

- (11) Remove the lamp connector clamp for cigarette lighter illumination from the center reinforcement.
- (12) Remove the cigarette lighter assembly and cigarette lighter bezel by removing the cigarette lighter attaching nut.



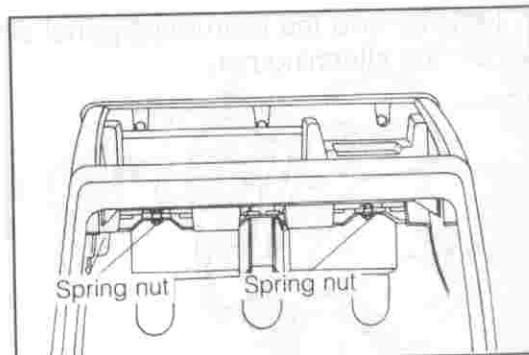
WRE91-BO183

- (13) Remove the instrument panel center reinforcement sub-assembly by removing the attaching screw.



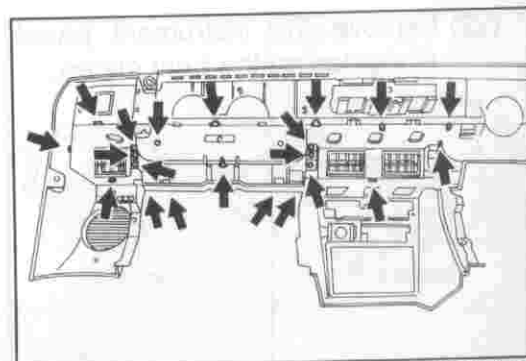
WRE91-BO184

- (14) Remove the instrument panel center tray by removing the attaching screw.



WRE91-BO185

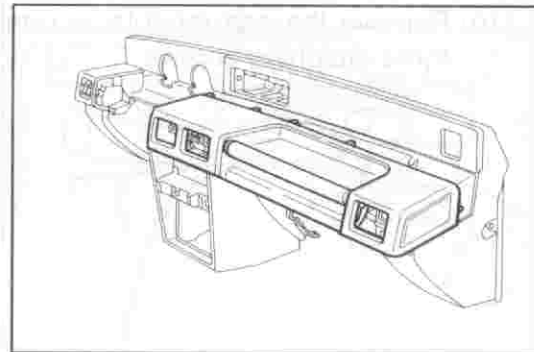
- (15) Remove the instrument panel safety pad subassembly by removing the eight attaching screws.
- (16) Remove the glove compartment door lock retainer by removing the five attaching screws.
- (17) Straighten the eight bent clamps of the instrument panel safety pad subassembly.



WRE91-BO186

BODY

- (18) Remove the instrument panel safety pad subassembly.

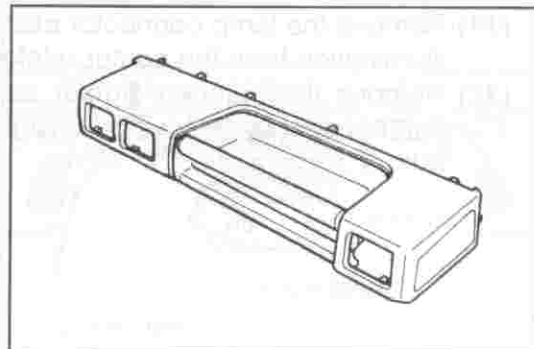


WRE91-BO187

- (19) Remove the front grip from the instrument panel safety pad subassembly.

NOTE:

- Be very careful not to scratch the instrument panel safety pad.

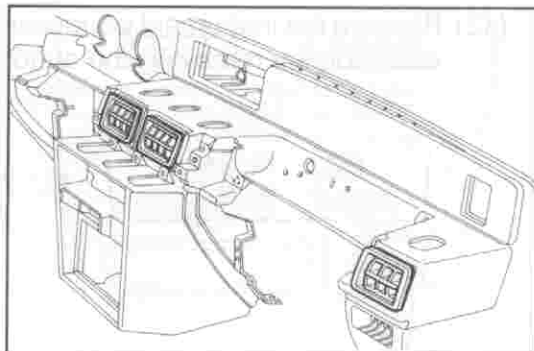


WRE91-BO188

- (20) Remove the instrument panel center register and instrument panel side register from the instrument panel.

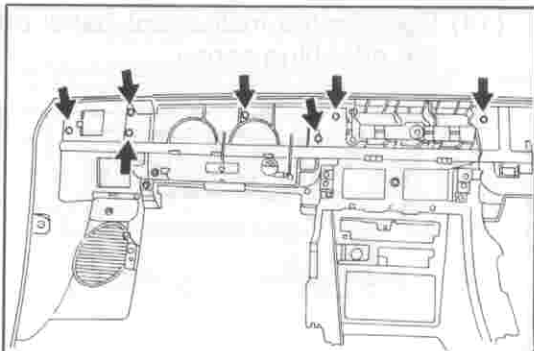
NOTE:

- First, remove the register pawl side from the instrument panel. Then, remove the cut-out section of the register from the instrument panel.



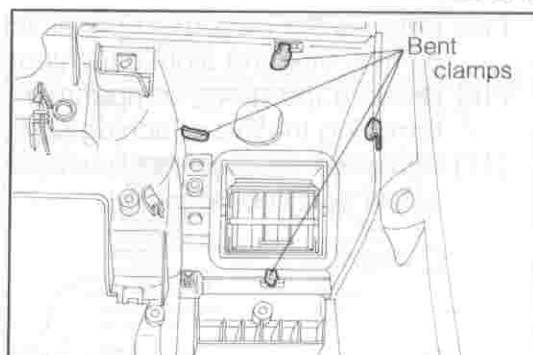
WRE91-BO189

- (21) Remove the instrument panel safety pad by removing the attaching nut.



WRE91-BO190

- (22) Remove the instrument panel safety side pad by straightening the bent clamp.

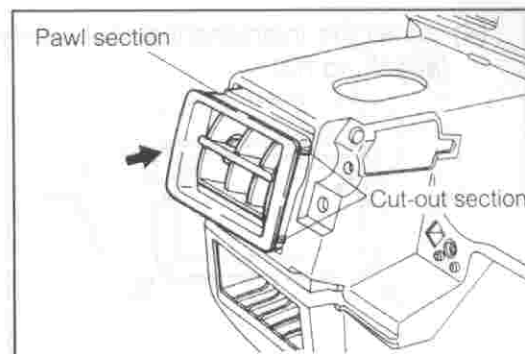


WRE91-BO191

- (23) Remove the instrument panel side register from the instrument panel.

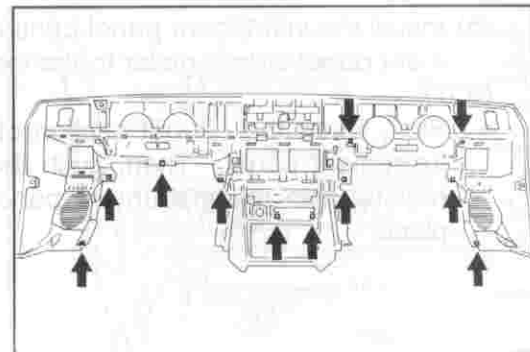
NOTE:

- First, remove the register pawl side from the instrument panel. Then, remove the cut-out section of the register from the instrument panel.



WRE91-BO192

- (24) Remove the eleven spring nuts from the instrument panel.



WRE91-BO193

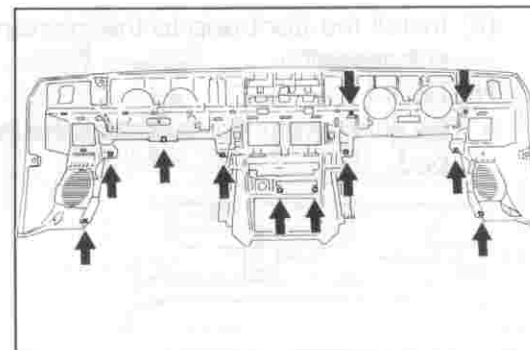
INSTALLATION

1. Assembly of instrument subassembly

- (1) Install the ten spring nuts to the instrument panel.

NOTE:

- The installation should be made in such a way that the nut side comes at the back side of the instrument panel.

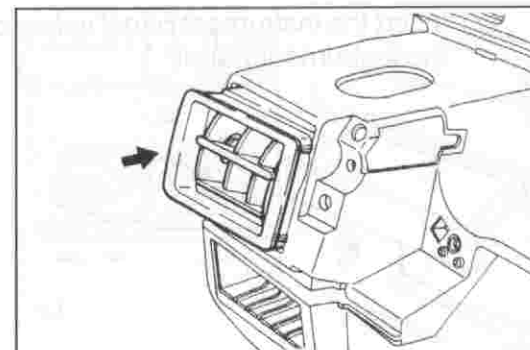


WRE91-BO194

- (2) Install the instrument panel side register to the instrument panel.

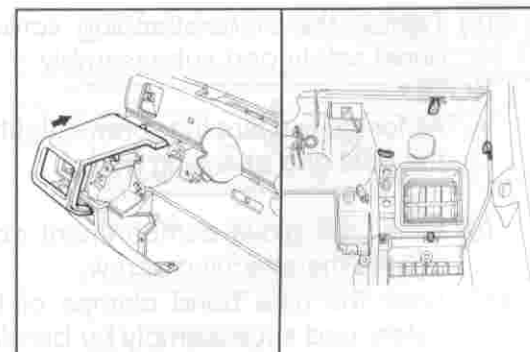
NOTE:

- First, insert the cut-out section of the instrument panel side register into the instrument panel. Then, push the pawl section of the instrument panel side register into the instrument panel, until locking takes place.



WRE91-BO195

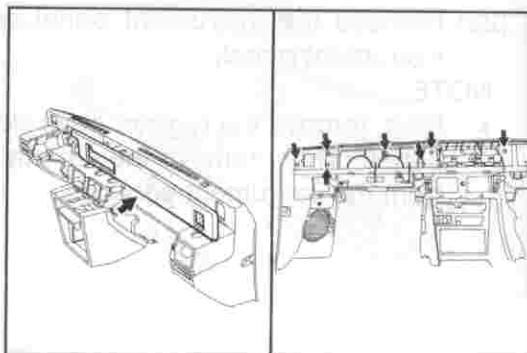
- (3) Install the instrument panel safety side pad into the instrument panel. Then, install it by bending the four bend clamps.



WRE91-BO196

BODY

- (4) Install the instrument panel safety pad and tighten the attaching nut.

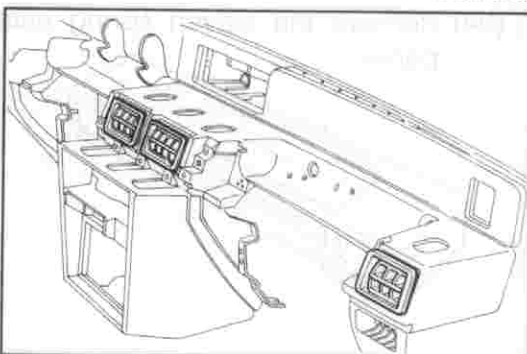


WRE91-BO197

- (5) Install the instrument panel center registers and instrument panel side register to the instrument panel.

NOTE:

- First, insert the cut-out section of the register into the instrument panel. Then, push the pawl section of the register into the instrument panel, until locking takes place.

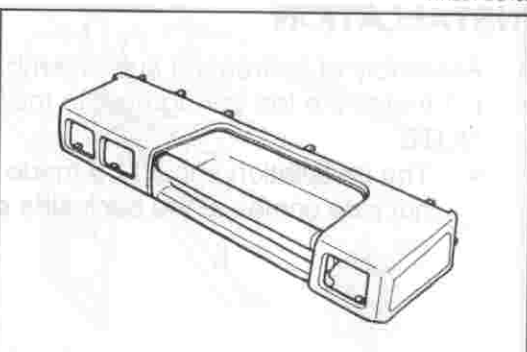


WRE91-BO198

- (6) Install the front grip to the instrument panel safety pad subassembly.

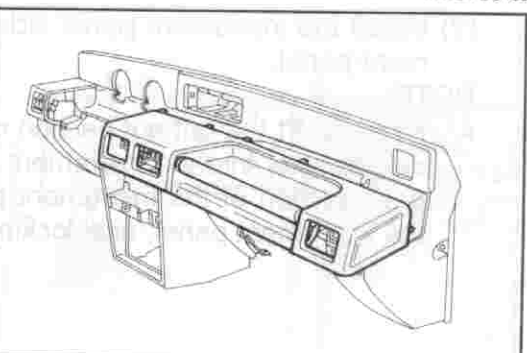
NOTE:

- Be very careful not to scratch the instrument panel safety pad.



WRE91-BO199

- (7) Insert the instrument panel safety pad subassembly into the instrument panel.

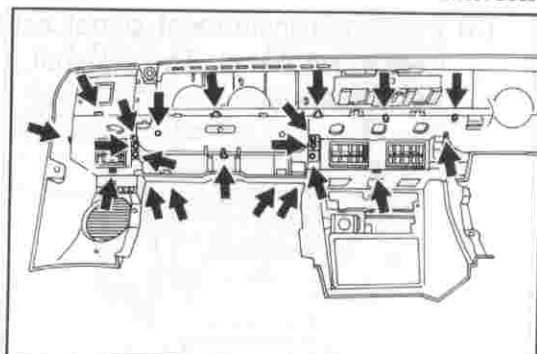


WRE91-BO200

- (8) Tighten the eight attaching screws of the instrument panel safety pad subassembly.

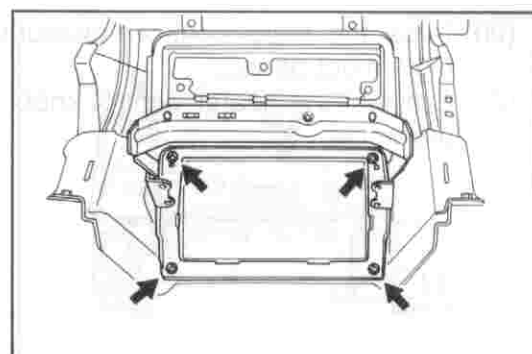
NOTE:

- As for the two tapping screws, tighten them after aligning the front grip attaching holes.
- (9) Install the glove compartment door lock retainer and tighten the attaching screw.
- (10) Lock the nine bend clamps of the instrument panel safety pad subassembly by bending them.



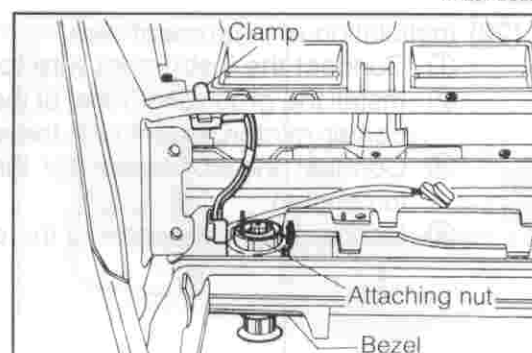
WRE91-BO201

- (11) Install the two spring nuts to the instrument panel center tray.
- (12) Install the instrument panel center tray to the instrument panel and tighten the five attaching screws.
- (13) Install the instrument panel center reinforcement subassembly and tighten the attaching screw.



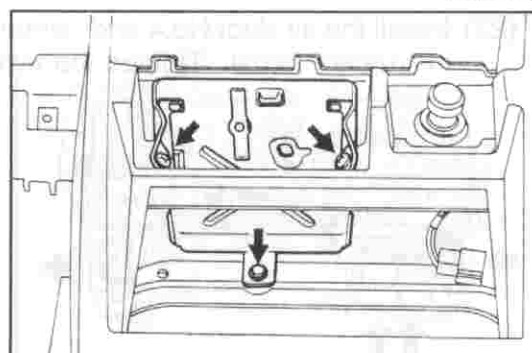
WRE91-BO202

- (14) Install the cigarette lighter assembly and cigarette lighter bezel. Tighten the attaching nut.
- (15) Install the lamp connector for cigarette lighter illumination to the center reinforcement.



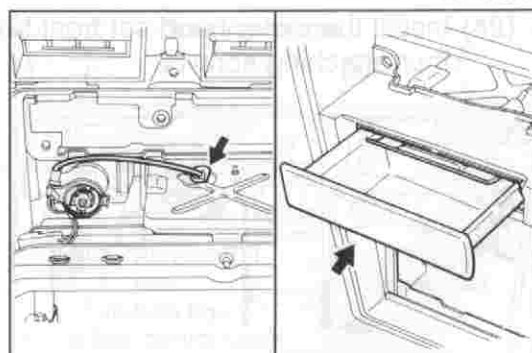
WRE91-BO204

- (16) Install the ash receptacle retainer and tighten the three attaching screws.



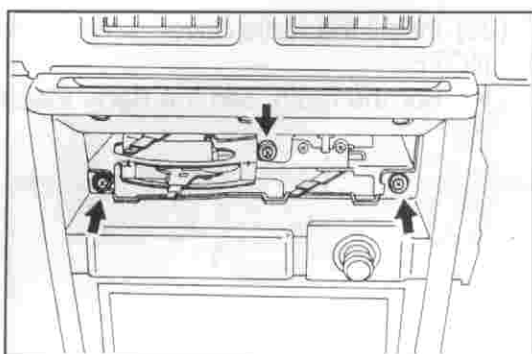
WRE91-BO205

- (17) Connect the fiber cord to the ash receptacle retainer.
- (18) Install the ash receptacle box No. 1.



WRE91-BO206

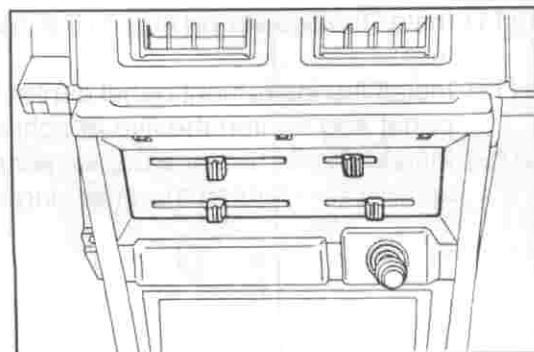
- (19) Install the heater control assembly and tighten the three attaching screws.



WRE91-BO207

BODY

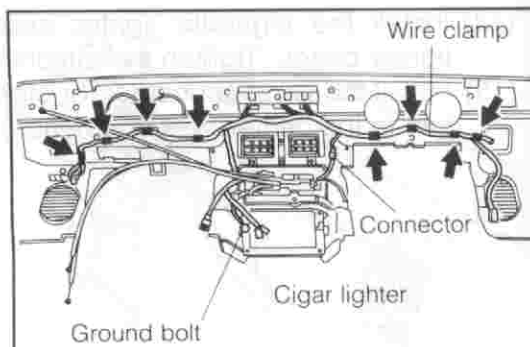
- (20) Install the heater control indicator lamp assembly to the instrument panel.
- (21) Connect the heater control knob to the heater control assembly.



WRE91-BO208

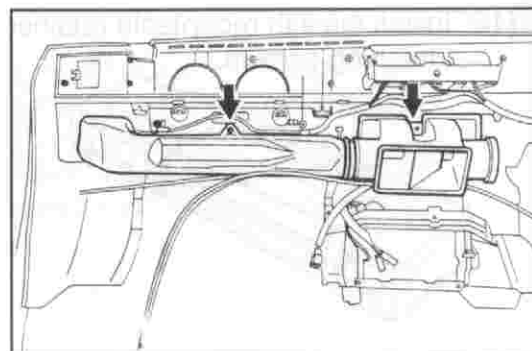
(22) Installation of instrument wire

- ① Connect the instrument wire to each clamp.
- ② Install the ground terminal of the ground cable to the center reinforcement with the attaching bolt.
- ③ Connect the connector for the cigarette lighter illumination.
- ④ Connect the connector to the cigarette lighter.



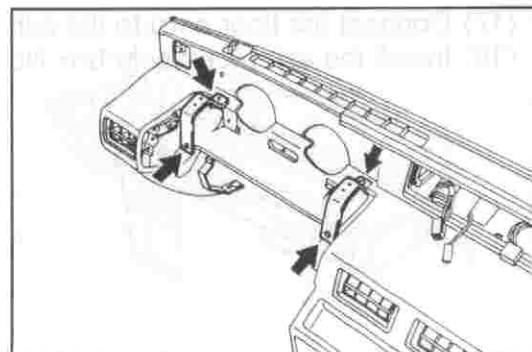
WRE91-BO209

- (23) Install the air duct No.4 and center ventilator duct to the instrument panel. Tighten the two attaching screws.



WRE91-BO210

- (24) Install the meter hood set front bracket and tighten the four attaching screws.

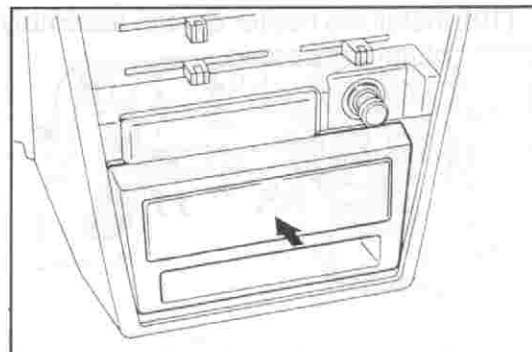


WRE91-BO211

- (25) Install the radio cover.

NOTE:

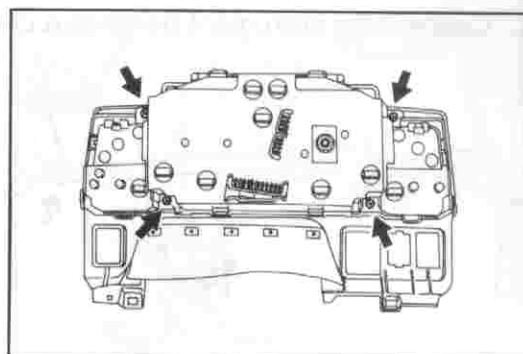
- For the radio, see the Body Electrical section.



WRE91-BO212

2. Assembly of instrument cluster finish rear panel-related parts

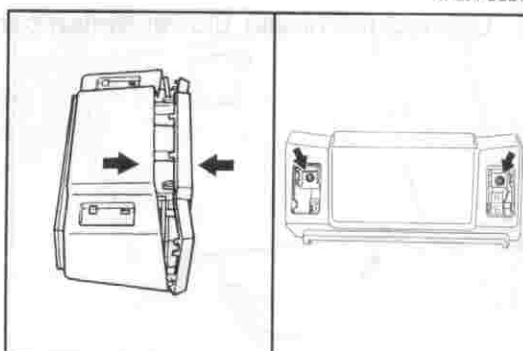
- (1) Install the combination meter to the instrument cluster finish rear panel and tighten the attaching screw.



WRE91-BO213

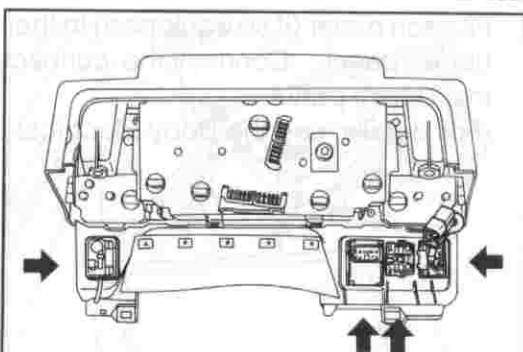
- (2) Connect the instrument front panel to the instrument cluster finish rear panel.

- (3) Tighten the attaching bolt of the instrument cluster finish rear panel.



WRE91-BO214

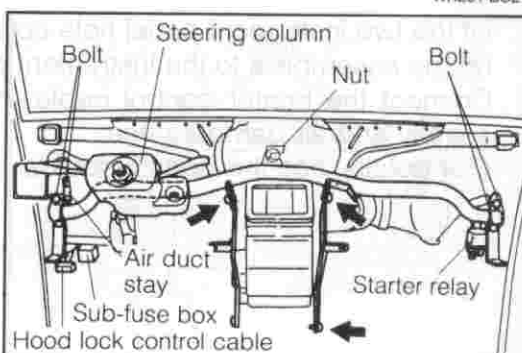
- (4) Install the power shift switch, rear wiper switch, power window switch, rear defogger switch and so forth by inserting them into the instrument cluster finish rear panel.



WRE91-BO215

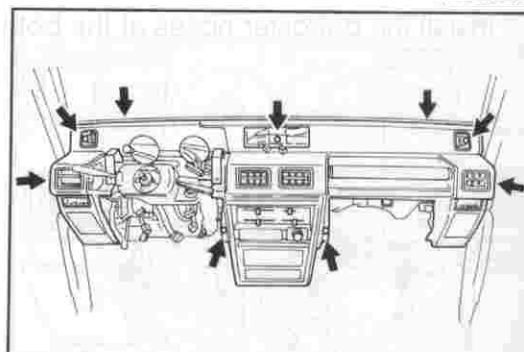
3. Installation of instrument panel reinforcement

- (1) Install the instrument panel reinforcement with the four attaching bolts and one nut.
- (2) Install the instrument panel braces No. 1 and No. 2.
- (3) Install the three attaching bolts of the steering column. (For details, see the Steering section.)
- (4) Install the hood lock control cable to the instrument panel reinforcement with the two attaching bolts.
- (5) Install the sub-fuse box to the instrument panel reinforcement with the attaching bolt.
- (6) Install the starter relay to the instrument panel reinforcement with the bolt.
- (7) Install the defroster nozzle stay to the instrument panel reinforcement with the screw.



WRE91-BO216

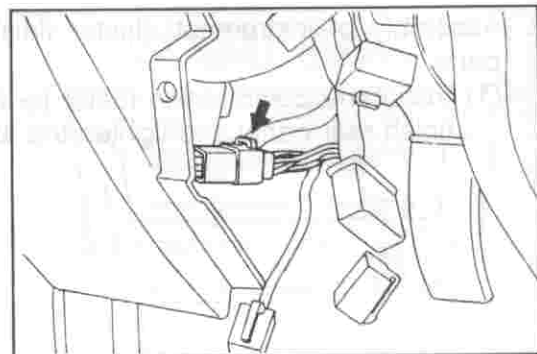
4. Install the instrument panel subassembly to the vehicle. Tighten the seven attaching bolts of the instrument panel.
5. Install the defroster nozzle to the instrument panel subassembly with the screws.



WRE91-BO217

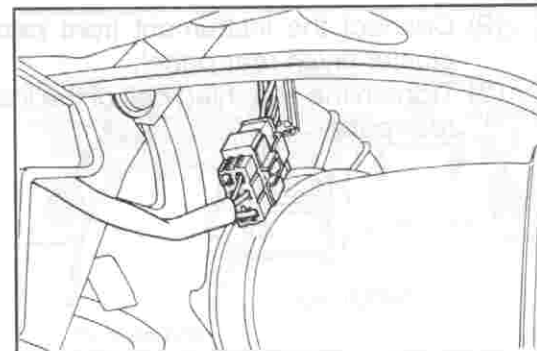
BODY

6. Connect the instrument panel wire connector.



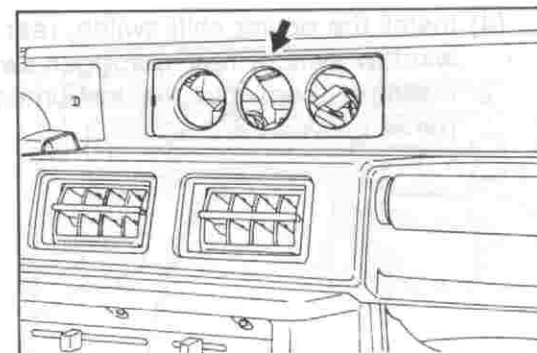
WRE91-BO218

7. Connect the heater blower switch connector.



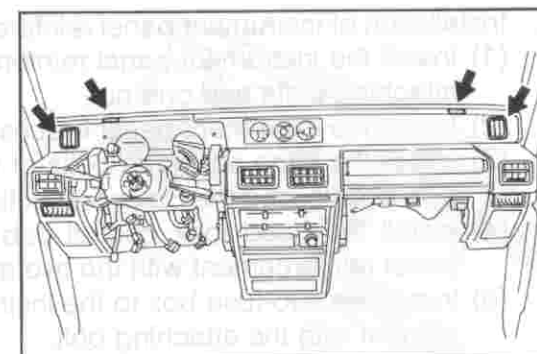
WRE91-BO219

8. Fit each meter (if so equipped) to the instrument panel finish upper panel. Connect the connector. Fit them into the instrument panel.
(For details, see the Body Electrical section.)



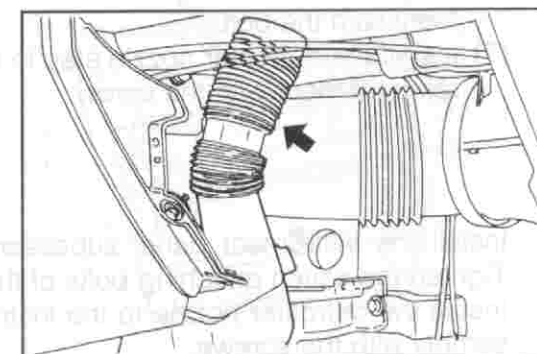
WRE91-BO220

9. Fit the two instrument panel hole covers and two defroster nozzle assemblies to the instrument panel.
10. Connect the heater control cable to the front heater assembly and air damper case.
(For details, see the Body Electrical section.)



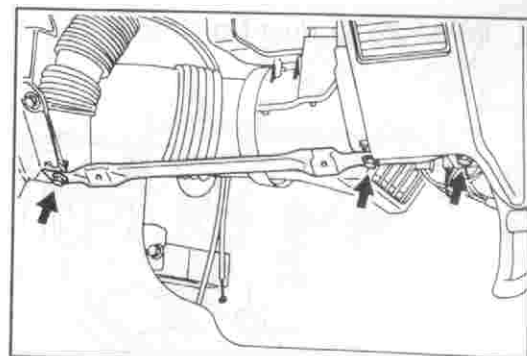
WRE91-BO221

11. Install the defroster hoses at the both sides.



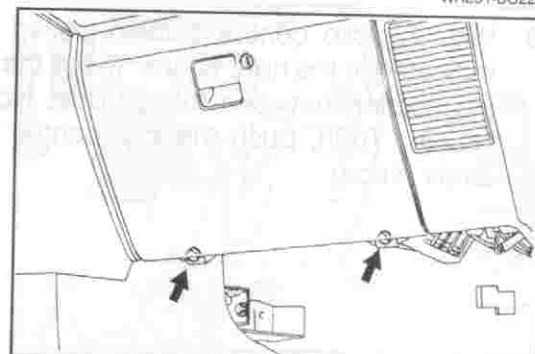
WRE91-BO222

12. Install the instrument panel reinforcement subassembly with the three attaching bolts.



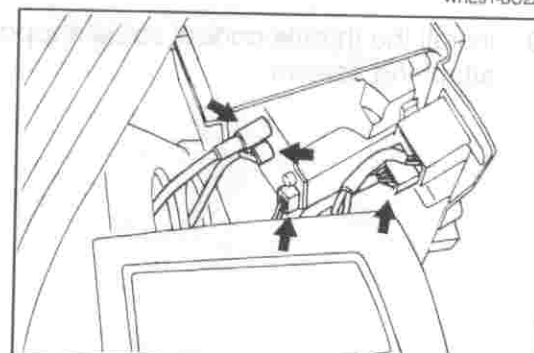
WRE91-BO223

13. Install the glove compartment subassembly and tighten the two attaching screws.



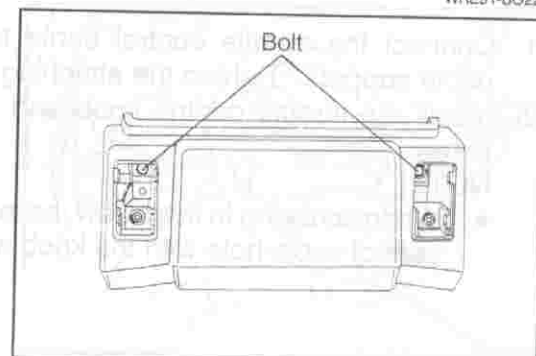
WRE91-BO224

14. Connect the connectors, such as the speedometer cable, combination meter connector and so forth to the instrument cluster finish rear/front panel. Then, install the instrument cluster finish rear/front panel to the instrument panel.



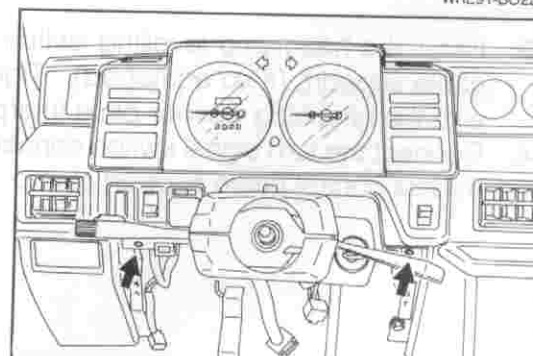
WRE91-BO225

15. Tighten the two attaching bolts of the instrument cluster finish front panel.
16. Fit the instrument cluster finish panel cover to the instrument cluster finish front panel.



WRE91-BO226

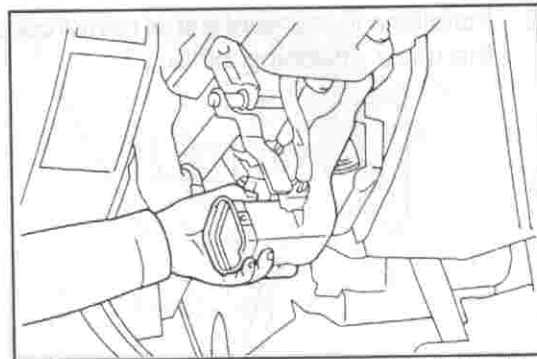
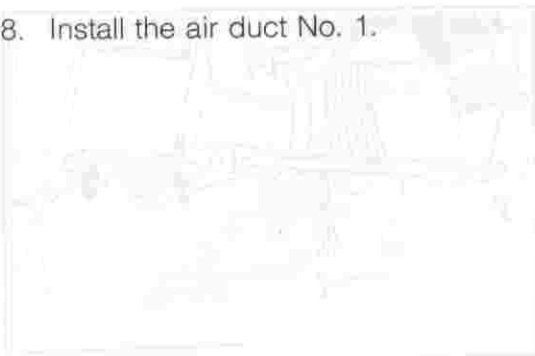
17. Tighten the two attaching screws of the instrument cluster finish rear panel.



WRE91-BO227

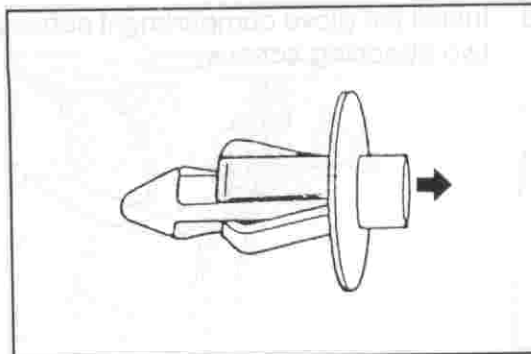
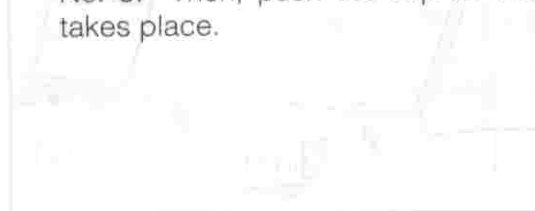
BODY

18. Install the air duct No. 1.



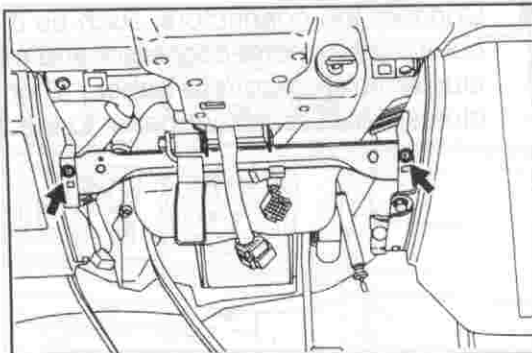
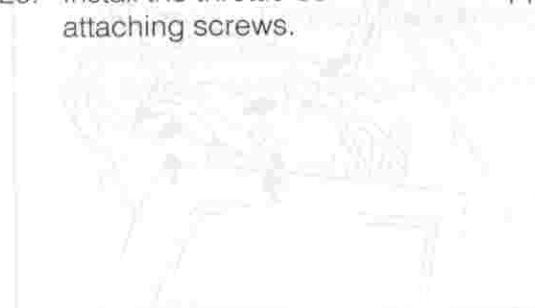
WRE91-BO228

19. With the clip central section pulled out, set the clip, as indicated in the right figure. Insert the clip into the connecting section between the air duct No. 1 and the air duct No. 3. Then, push the clip central section, until locking takes place.



WRE91-BO229

20. Install the throttle control cable support and tighten the two attaching screws.



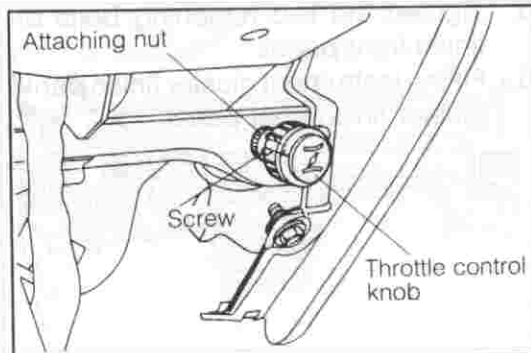
WRE91-BO230

21. Connect the throttle control cable to the throttle control cable support. Tighten the attaching nut.

22. Install the throttle control knob and tighten the attaching screw.

NOTE:

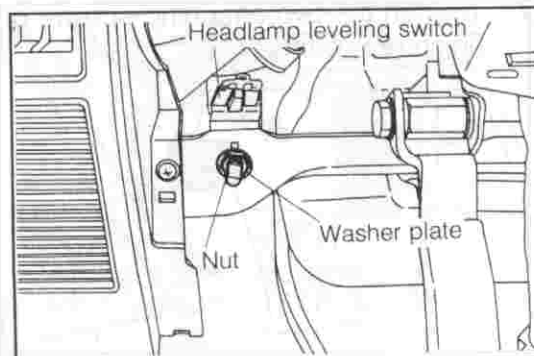
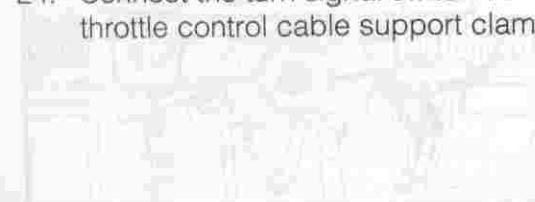
- When screwing in the screw, be sure to align the throttle control cable hole with the knob attaching hole.



WRE91-BO231

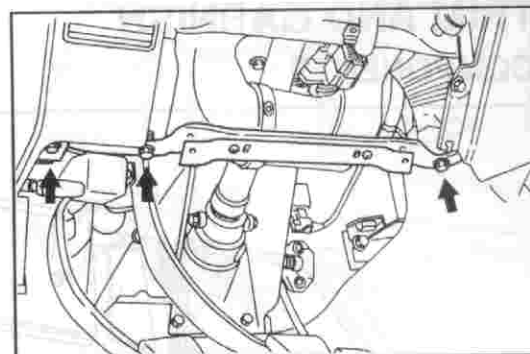
23. Install the headlamp levelling switch to the throttle control cable support, (if so equipped). Tighten the attaching nut with the attaching washer plate interposed.

24. Connect the turn signal switch connector. Connect it to the throttle control cable support clamp.



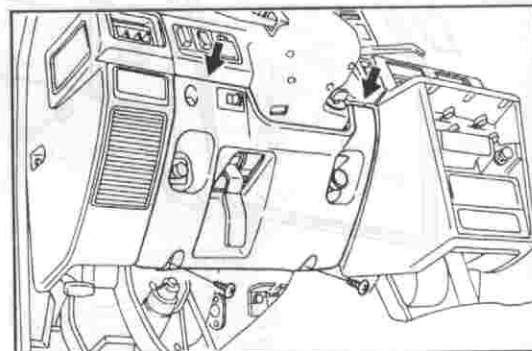
WRE91-BO232

25. Install the instrument panel reinforcement and tighten the three attaching bolts.



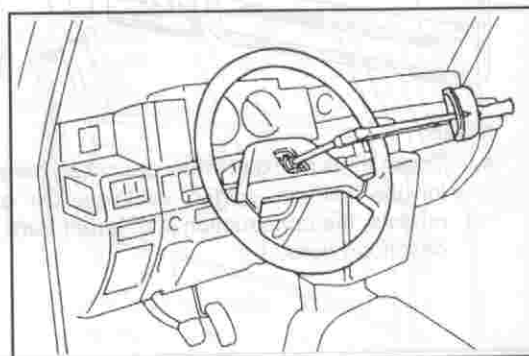
WRE91-BO233

26. Installation of lower instrument panel finish panel
- (1) Connect the connector of the rear heater switch.
(For installation of the rear heater switch, see the Body Electrical section.)
 - (2) Connect the connector of the rear fog lamp switch.
(For installation of the rear fog lamp switch, see the Body Electrical section.)
 - (3) With the upper two insertion sections of the lower instrument finish panel inserted, install the lower instrument finish panel.
 - (4) Tighten the two attaching screws.
 - (5) Install the knob of the headlamp levelling switch, (if so equipped).
 - (6) Lock the tilt steering lever.



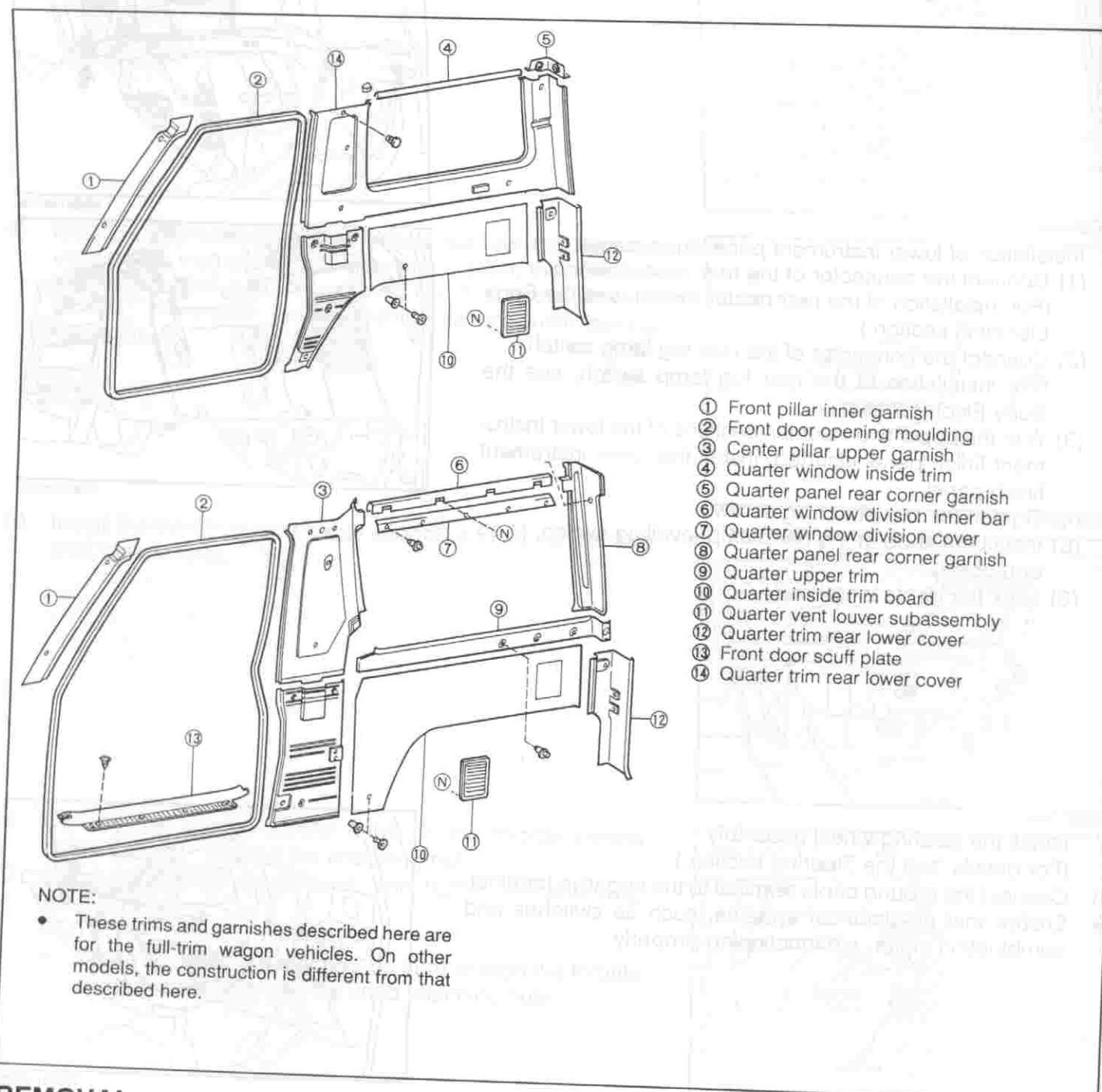
WRE91-BO234

27. Install the steering wheel assembly.
(For details, see the Steering section.)
28. Connect the ground cable terminal to the negative terminal.
29. Ensure that all electrical systems, such as switches and combination meter, are functioning properly.



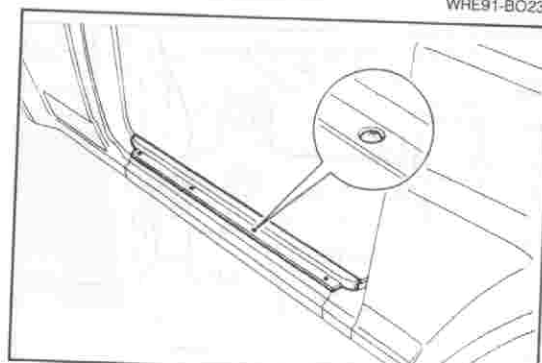
WRE91-BO235

TRIM AND GARNISH COMPONENTS

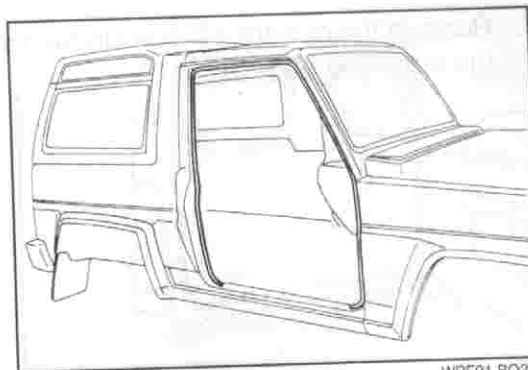


REMOVAL

- Removal of front door scuff
 - Detach the clips by backing off the clip center by means of a screwdriver, while preventing the clip outer from turning.
 - Remove the front door scuff.

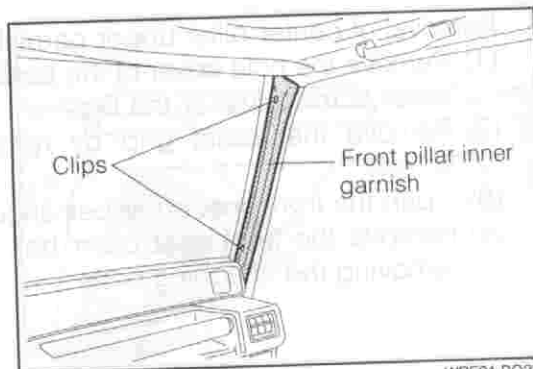


2. Remove the front door opening moulding.



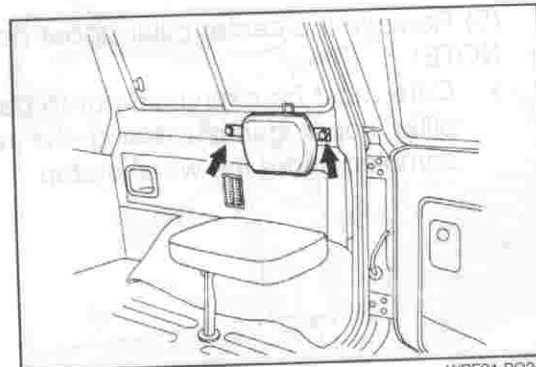
WRE91-BO238

3. Remove the clips of the front pillar inner garnish.
4. Remove the front pillar inner garnish.



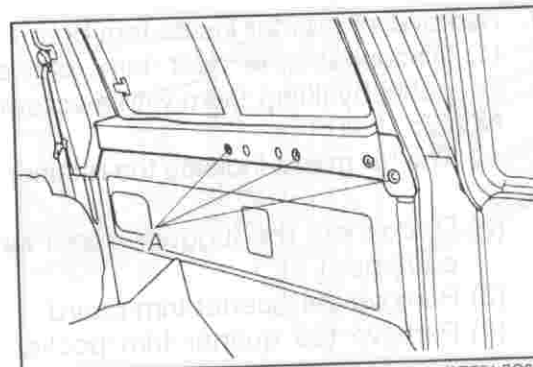
WRE91-BO239

5. Removal of quarter upper trim
 - (1) Remove the seat belt, (if so equipped).
(See page BO-169.)
 - (2) Remove the rear sub-seatback by removing the attaching bolts.
 - (3) Remove the rear pillar member, (if so equipped).
(See page BO-151.)



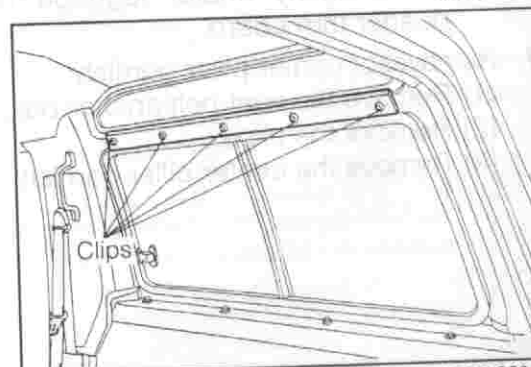
WRE91-BO240

- (4) Remove the clips.
 - ① Remove the clip by pushing the clip A at the center, until you hear a clicking sound.
 - ② Remove the quarter upper trim by slowly pulling it.



WRE91-BO241

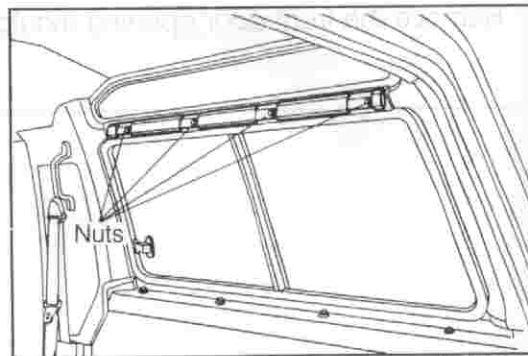
6. Removal of quarter window division cover
 - (1) Push the clip at the center one stage, until you hear a clicking sound. Then, remove the clip.
 - (2) Remove the quarter window division cover.



WRE91-BO242

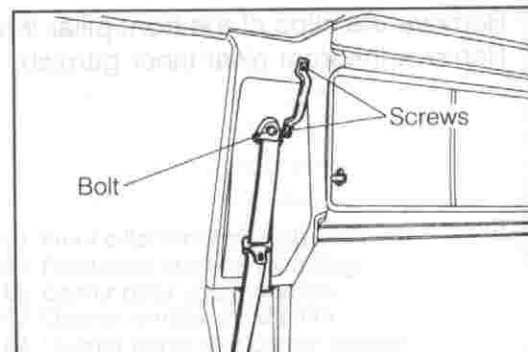
BODY

7. Remove the quarter window division inner bar by removing the attaching nuts.



WRE91-BO243

8. Removal of center pillar upper garnish
 - (1) Remove the hole cover of the assist grip by means of a miner screwdriver or the like.
 - (2) Remove the assist grip by removing the attaching screw.
 - (3) Open the front seat outer belt shoulder anchor cover.
 - (4) Remove the front seat outer belt shoulder anchor by removing the attaching bolts.

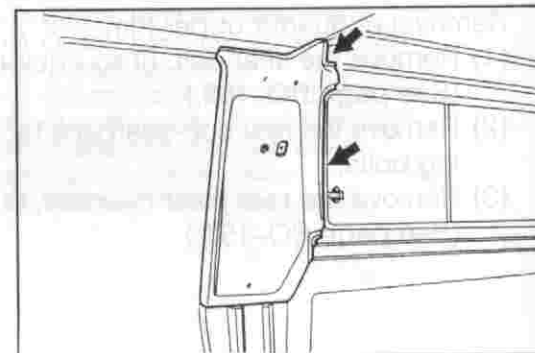


WRE91-BO244

- (5) Remove the center pillar upper garnish.

NOTE:

- Care must be exercised not to damage the the center pillar upper garnish during the removal, for it is assembled under the weatherstrip.



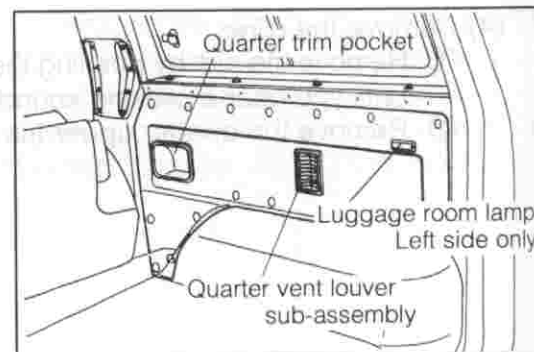
WRE91-BO245

9. Removal of quarter inside trim board
 - (1) Disconnect the door trim retainers from the quarter panel by lifting them with a screwdriver or the like.

NOTE:

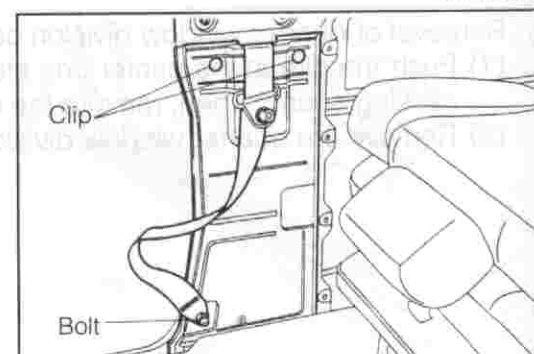
- The "o" marks indicate the retainer installation positions.

- (2) Disconnect the luggage room lamp connector, (if so equipped).
- (3) Remove the quarter trim board.
- (4) Remove the quarter trim pocket, quarter vent louver subassembly and/or luggage room lamp from the quarter trim board.



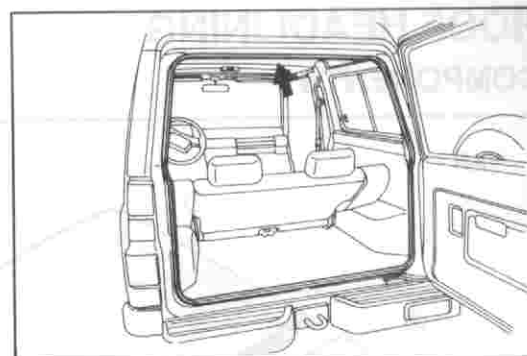
WRE91-BO246

10. Removal of center pillar garnish
 - (1) Remove the seat belt anchor bolt.
 - (2) Remove the clips.
 - (3) Remove the center pillar garnish.



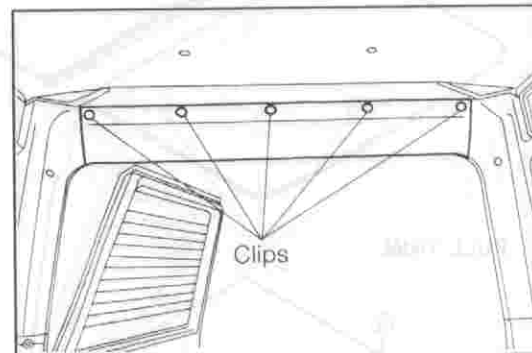
WRE91-BO247

11. Removal of quarter panel rear corner garnish
 (1) Remove the rear door opening moulding.



WRE91-BO248

- (2) Remove the clips of the back door opening upper garnish.
 (3) Remove the back door opening upper garnish.

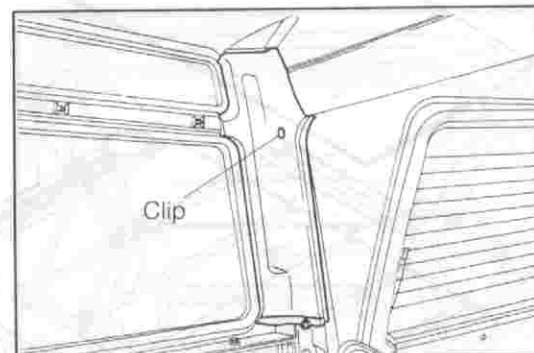


WRE91-BO249

- (4) Remove the clips of the quarter panel rear corner garnish.
 (5) Remove the quarter panel rear corner garnish.

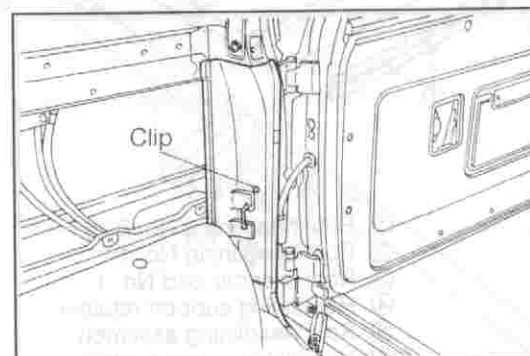
NOTE:

- Care must be exercised not to damage the the quarter panel rear corner garnish during the removal, for it is assembled under the weatherstrip.



WRE91-BO250

12. Remove the quarter trim rear lower cover by removing the clip.



WRE91-BO251

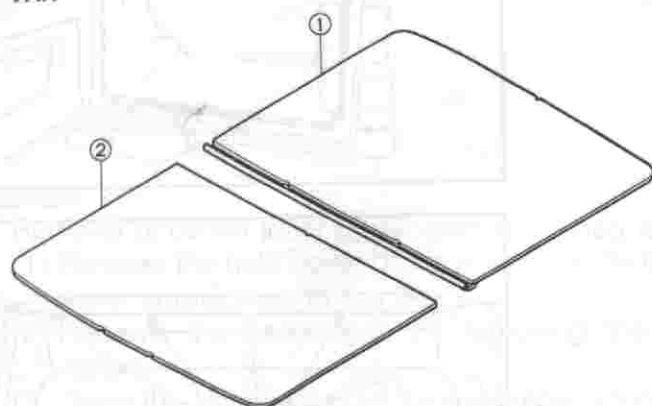
INSTALLATION

Reverse the removal procedure to perform the installation.

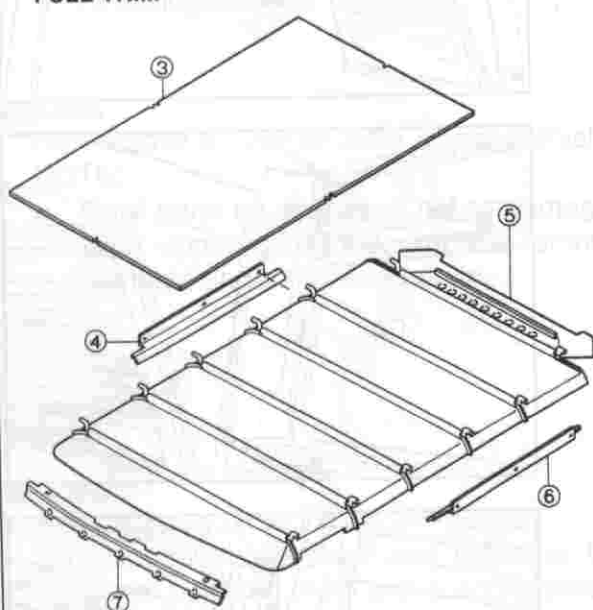
WRE91-BO570

ROOF HEADLINING COMPONENTS

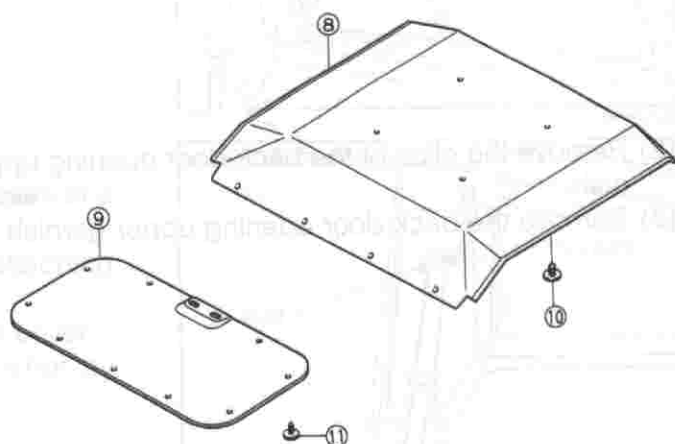
VAN



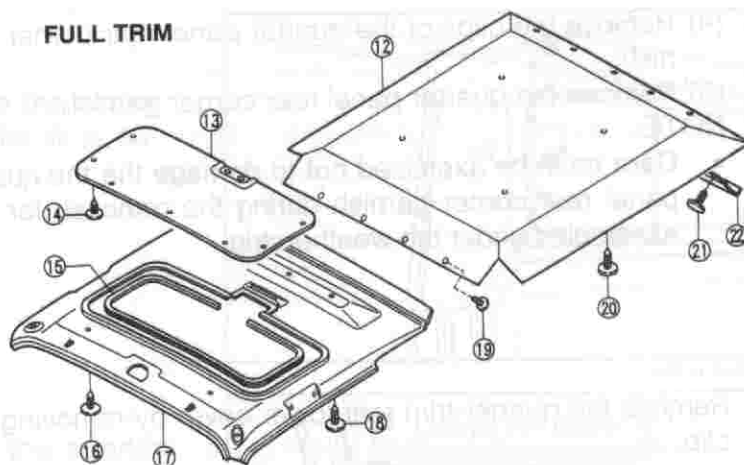
FULL TRIM



WAGON



FULL TRIM



- ① Roof headlining No. 2
- ② Roof headlining No. 1
- ③ Roof silencer pad No. 1
- ④ Headlining support retainer
- ⑤ Roof headlining assembly
- ⑥ Headlining support retainer
- ⑦ Headlining support retainer
- ⑧ Roof headlining No. 2
- ⑨ Sunroof headlining assembly
- ⑩ Clip
- ⑪ Clip

- ⑫ Roof headlining No. 2
- ⑬ Sunroof headlining assembly
- ⑭ Clip
- ⑮ Sunroof opening trim moulding
- ⑯ Clip
- ⑰ Roof headlining No. 1
- ⑱ Clip
- ⑲ Clip
- ⑳ Clip
- ㉑ Clip
- ㉒ Back door opening upper garnish

NOTE:

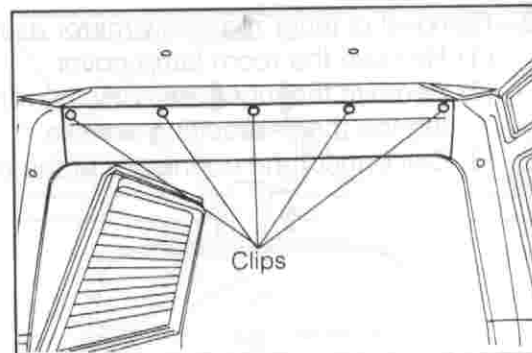
- The following describes the installation and removal procedures for the full-trim wagon vehicles.

REMOVAL

1. Remove the center pillar upper garnish.
(See page BO-97.)
2. Remove the quarter panel rear corner garnish.
(See page BO-97.)
3. Remove the front pillar inner garnish.
(See page BO-95.)
4. Remove the front door opening moulding.
(See page BO-97.)

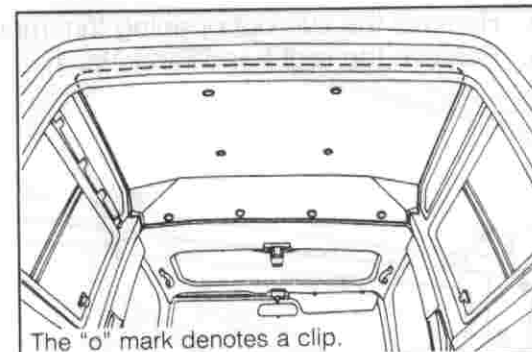
5. Remove the back door opening upper garnish by removing the clips.

WRE91-BO253



WRE91-BO254

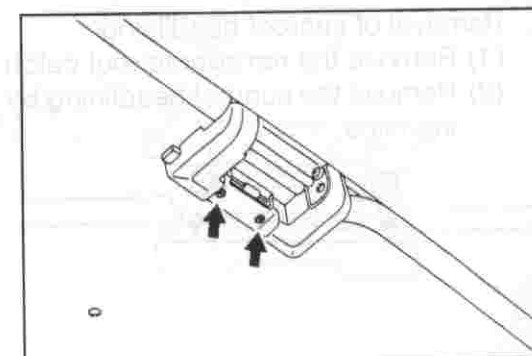
6. Remove the clips of the roof headlining No. 2.
7. Remove the roof headlining No. 2.



The "o" mark denotes a clip.

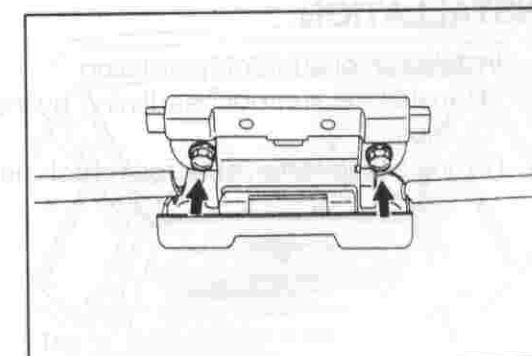
WRE91-BO255

8. Remove the removable roof panel.
9. Open the removable roof lock handle assembly cover by removing the two screws.



WRE91-BO256

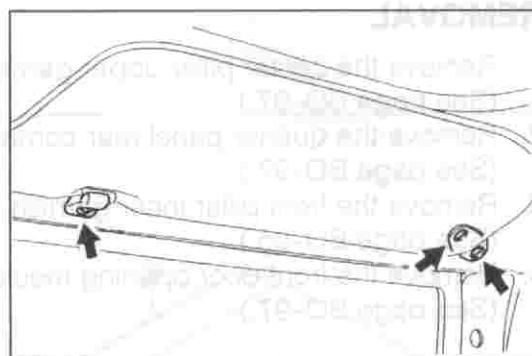
10. Remove the removable roof lock handle assembly by removing the two bolts.



WRE91-BO257

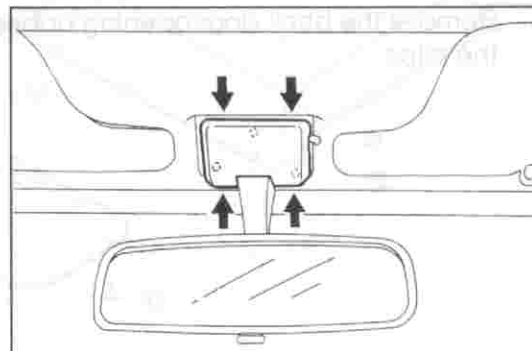
BODY

11. Remove the visor assemblies.
12. Remove the visor holder.



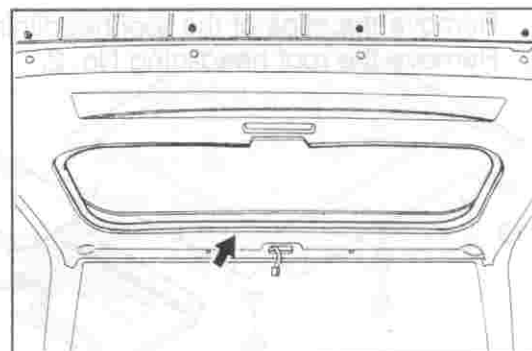
WRE91-BO258

13. Removal of inner rear-view mirror assembly
 - (1) Remove the room lamp cover.
 - (2) Remove the inner rear-view mirror assembly by removing the three attaching screws.
 - (3) Disconnect the connector of the room lamp.



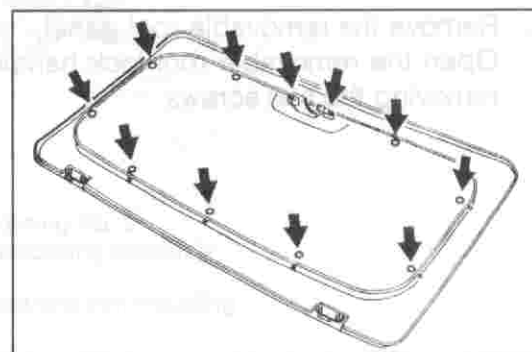
WRE91-BO259

14. Remove the sunroof opening trim moulding.
15. Remove the roof headlining No. 1.



WRE91-BO260

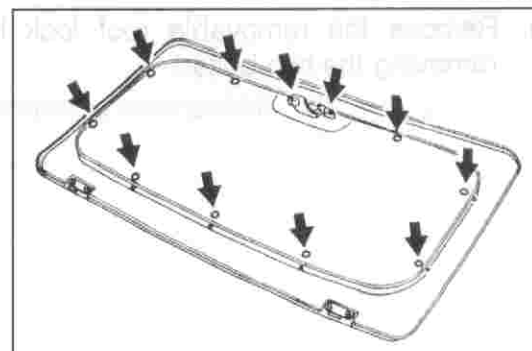
16. Removal of sunroof headlining
 - (1) Remove the removable roof catch assembly.
 - (2) Remove the sunroof headlining by removing the attaching clips.



WRE91-BO261

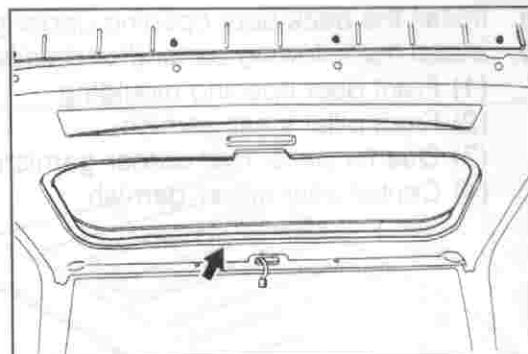
INSTALLATION

1. Installation of sunroof headlining
 - (1) Install the sunroof headlining by installing the attaching clips.
 - (2) Install the removable roof catch assembly.



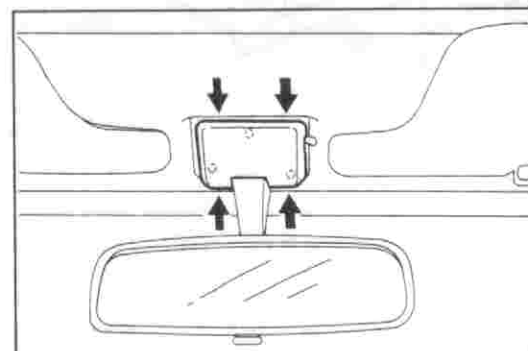
WRE91-BO262

2. Install the roof headlining No. 1. Install the sunroof opening trim moulding.



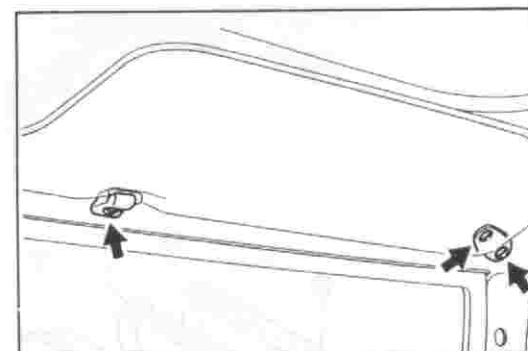
WRE91-BO263

3. Installation of inner rear-view mirror assembly
 - (1) Connect the connector of the room lamp.
 - (2) Install the inner rear-view mirror assembly by installing the three attaching screws.
 - (3) Install the room lamp cover.



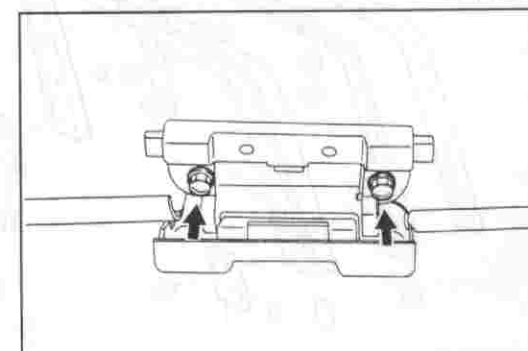
WRE91-BO264

4. Install the visor assembly.
5. Install the visor holder.



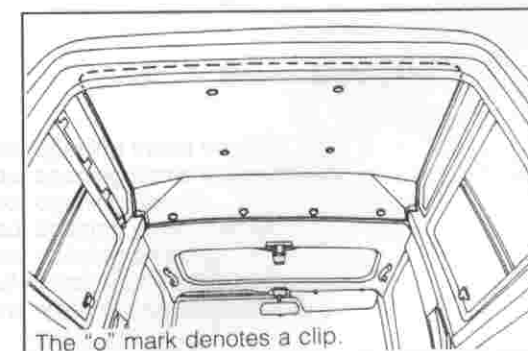
WRE91-BO265

6. Install the removable roof lock handle assembly with the two bolts.
7. Install the removable roof panel.



WRE91-BO266

8. Install the roof headlining No. 2 with the clips.

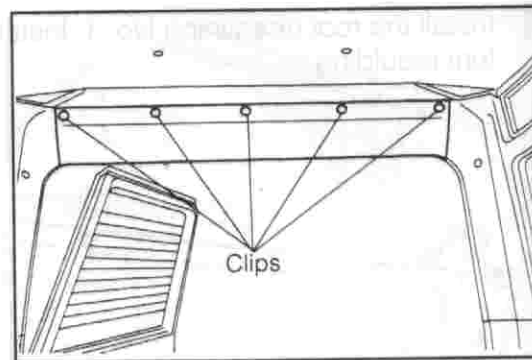


The "o" mark denotes a clip.

WRE91-BO267

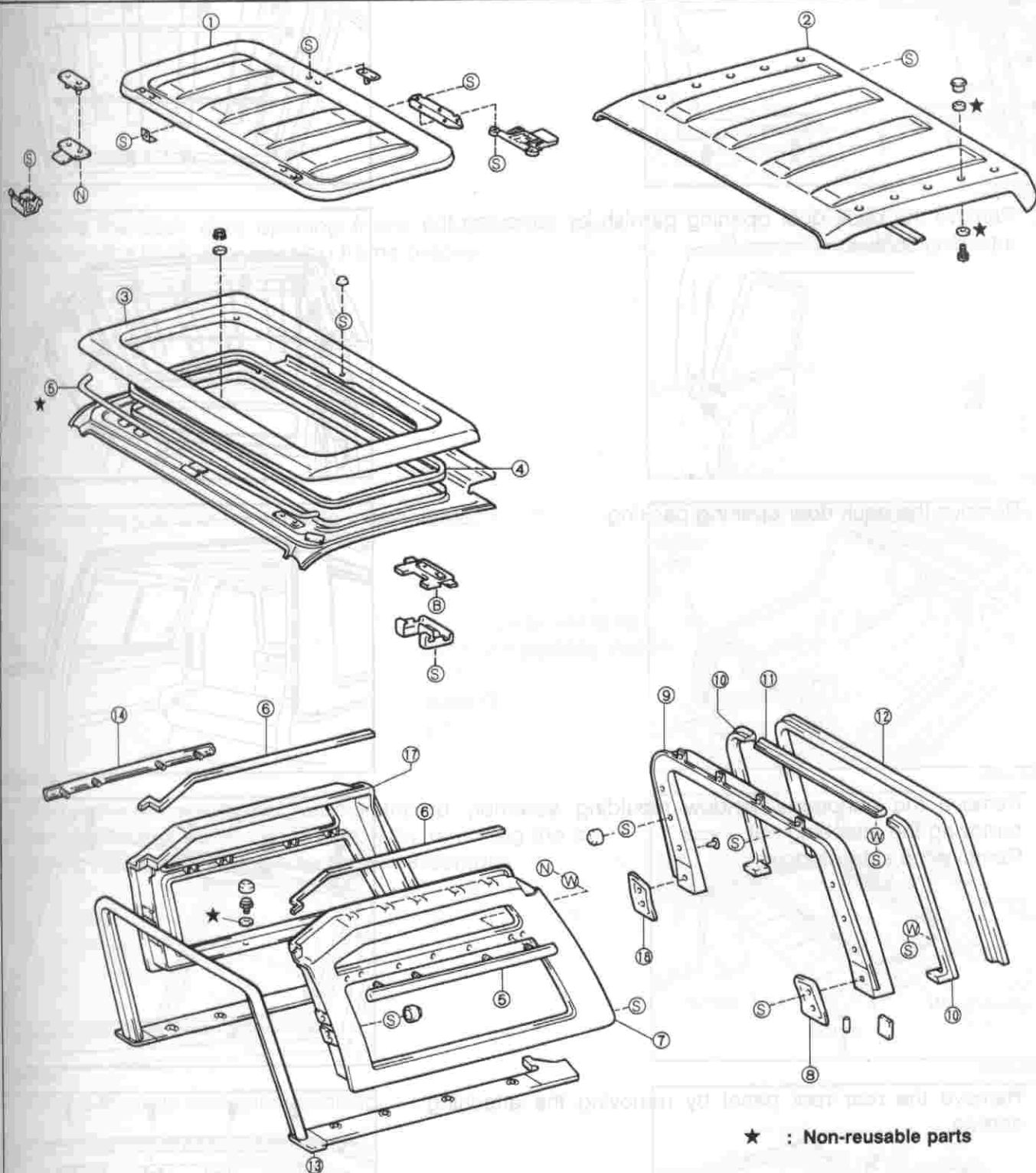
BODY

9. Install the back door opening upper garnish with the clips.
10. Install the following parts. (For details, see page BO-94.)
 - (1) Front door opening moulding
 - (2) Front pillar inner garnish
 - (3) Quarter panel rear corner garnish
 - (4) Center pillar upper garnish



WRE91-BO266

RESIN TOP COMPONENTS



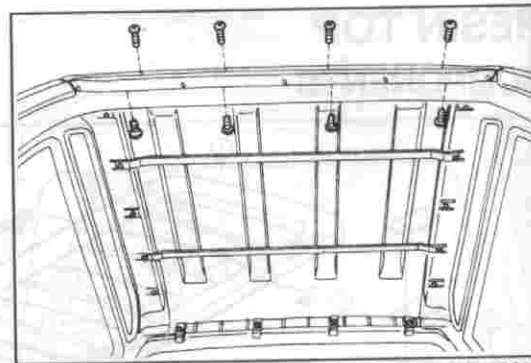
- ① Removable roof panel
- ② Rear roof panel
- ③ Roof panel subassembly
- ④ Removable roof weatherstrip
- ⑤ Front roof panel packing
- ⑥ Rear roof panel packing
- ⑦ Rear side upper outer panel

- ⑧ Back door opening frame bracket
- ⑨ Back door opening frame subassembly
- ⑩ Back door opening garnish
- ⑪ Back door opening upper garnish
- ⑫ Back door opening packing
- ⑬ Rear roof-to-rear side weatherstrip
- ⑭ Panorama window moulding assembly

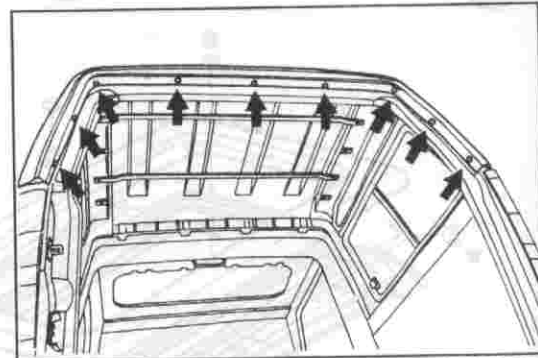
BODY

REMOVAL

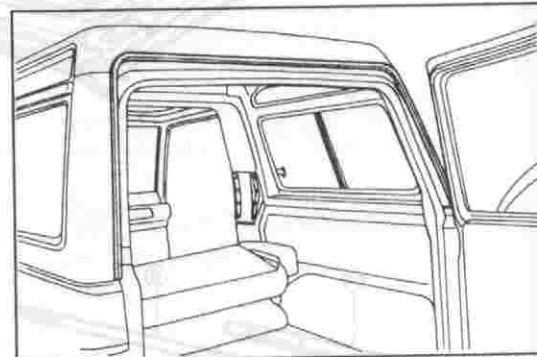
1. Remove the rear headlining. (See page BO-99.)
2. Remove the back door opening garnish by removing the attaching screws.
3. Remove the back door opening packing.
4. Remove the panorama window moulding assembly by removing the attaching nut.
5. Remove the side window.
6. Remove the rear roof panel by removing the attaching screws.



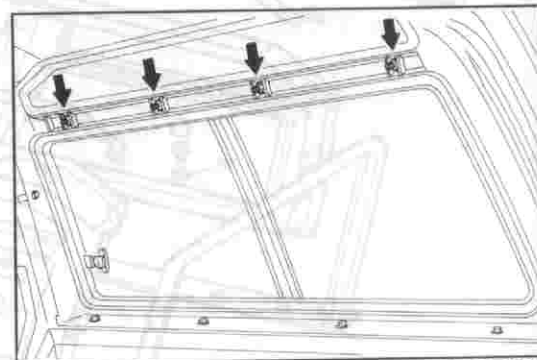
WRE91-BO270



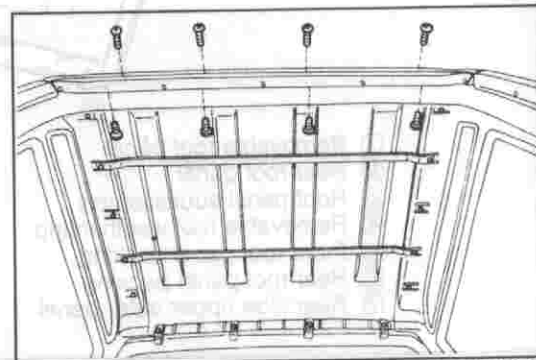
WRE91-BO271



WRE91-BO272

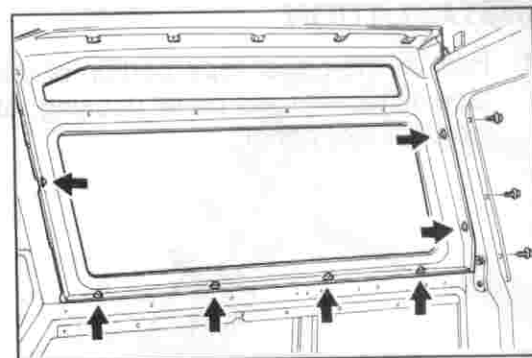


WRE91-BO273



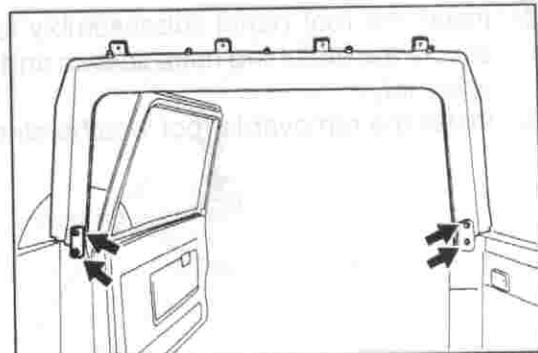
WRE91-BO274

7. Remove the rear side upper outer panel by removing the attaching bolts and screws.



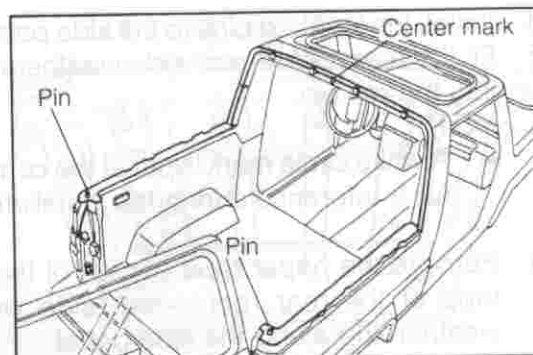
WRE91-BO275

8. Remove the back door opening frame subassembly by removing the back door opening frame bracket.



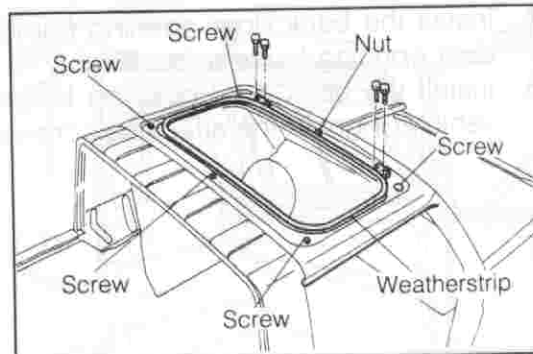
WRE91-BO276

9. Remove the rear roof-to-rear side weatherstrip.



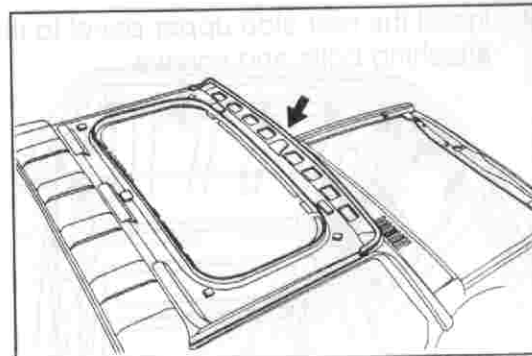
WRE91-BO277

10. Remove the removable roof weatherstrip.
11. Remove the roof panel subassembly by removing the attaching nuts and removable roof catch assembly.



WRE91-BO278

12. Remove the front roof panel packing.



WRE91-BO279

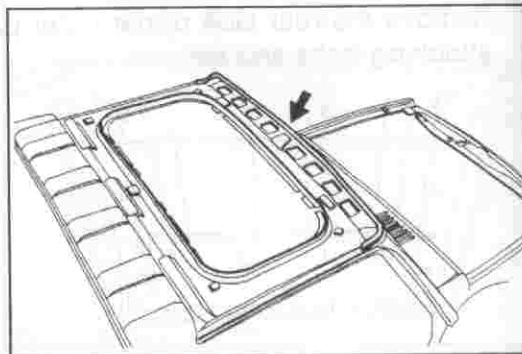
BODY

INSTALLATION

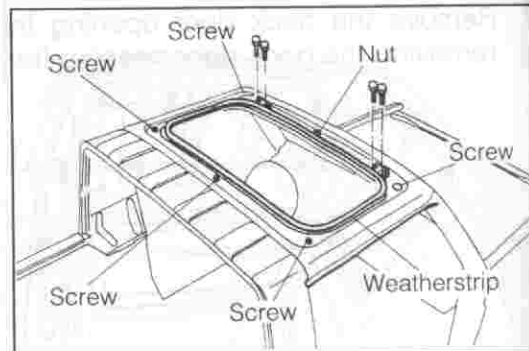
1. Peel off the paper tape portion of the two-faced adhesive tape of the front roof panel packing. Affix the packing along the front roof panel.



2. Install the roof panel subassembly to the roof. Install and secure the attaching nuts, screws and removable roof catch assembly.
3. Install the removable roof weatherstrip.



WRE91-BO280



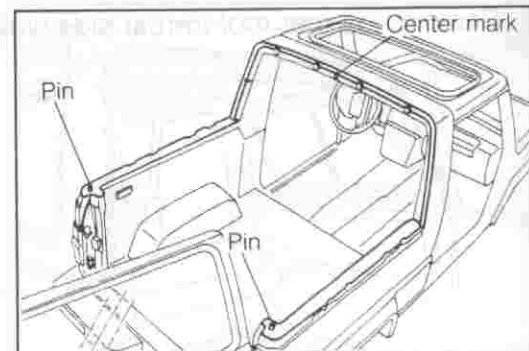
WRE91-BO281

4. Install the locating pins to the side panel upper. (Both sides)
5. Fit the rear roof-to-rear side weatherstrip at its roll bar side into the roll bar.

NOTE:

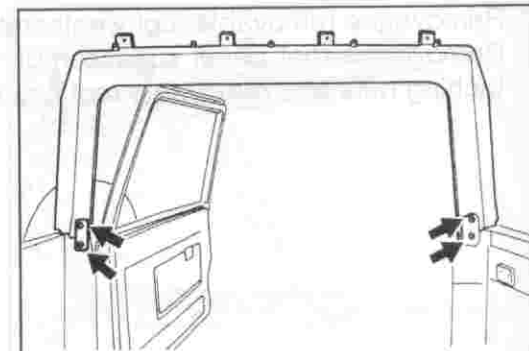
- A white circle mark is put at the center of the weatherstrip for a reference during the installation.

6. Remove the paper tape portion of the two-faced adhesive tape of the rear roof-to-rear side weatherstrip. Affix the weatherstrip along the side panel.



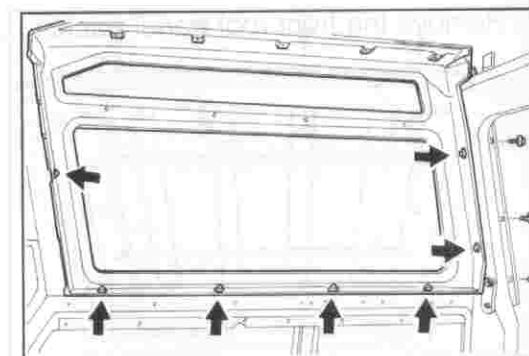
WRE91-BO282

7. Install the back door opening frame bracket to the back door opening frame subassembly.
8. Install the back door opening frame subassembly to the vehicle. Tighten the attaching screws.



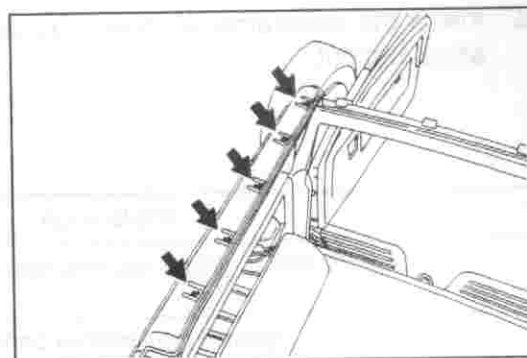
WRE91-BO283

9. Install the rear side upper panel to the vehicle. Tighten the attaching bolts and screws.



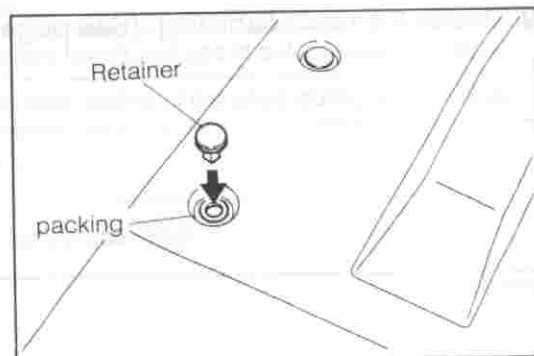
WRE91-BO284

10. Peel off the paper tape portion of the rear roof panel packing. Affix the packing to the upper section of the rear side upper panel, as indicated in the right figure.
11. Affix the packing to the attaching hole at the rear side upper panel section.
12. Install the side window. (See page BO-112.)



WRE91-BO285

13. Affix the packings to the upper attaching holes of the rear roof panel.
14. Insert the rear roof-to-rear side upper retainers into the upper attaching holes of the rear roof panel.

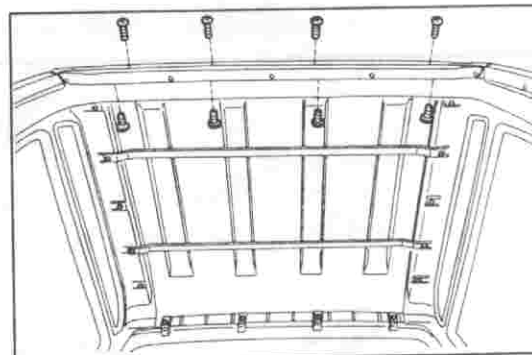


WRE91-BO286

15. Install the rear roof panel to the vehicle. Tighten the attaching screws.

NOTE:

- At this time, the roof panel reinforcement should be tightened together, as indicated in the right figure.
- Be sure to tighten the attaching screws with the packing interposed.

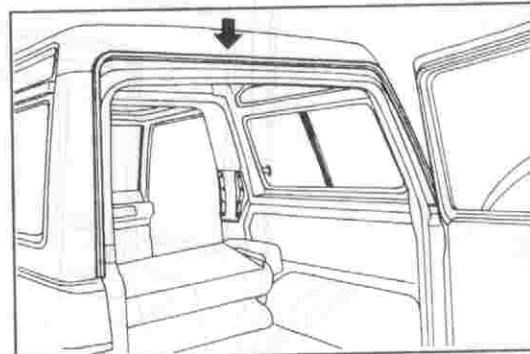


WRE91-BO287

16. Peel off the paper tape portion of the back door opening packing. Affix the packing, as indicated in the right figure.

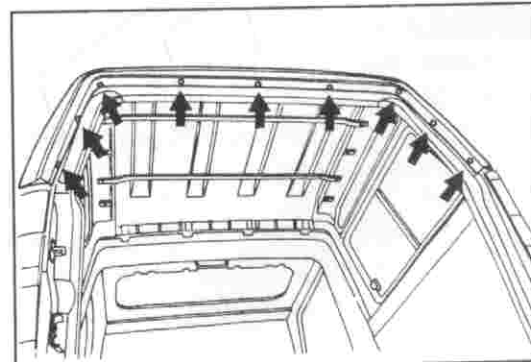
NOTE:

- During the installation, align the white circle mark at the center of the back door opening packing with the center of the rear roof.



WRE91-BO288

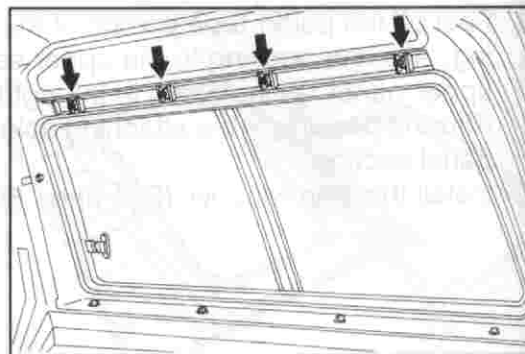
17. Install the back door opening garnish. Tighten the attaching screws.



WRE91-BO289

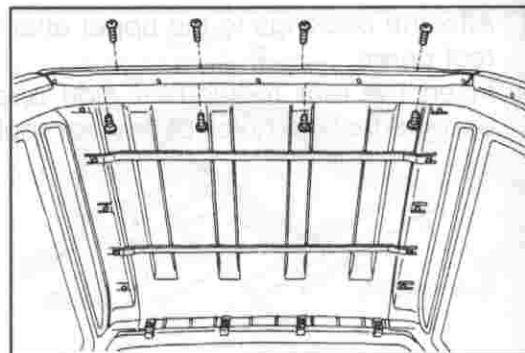
BODY

18. Install the panorama window moulding assembly with the attaching nut.

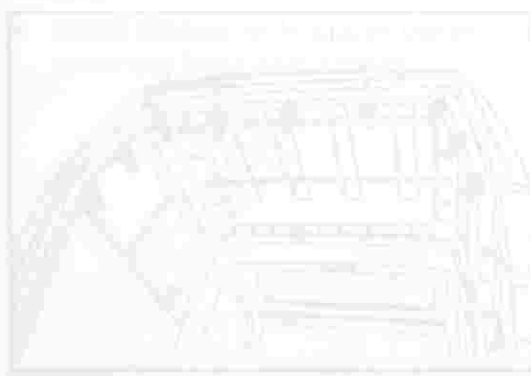
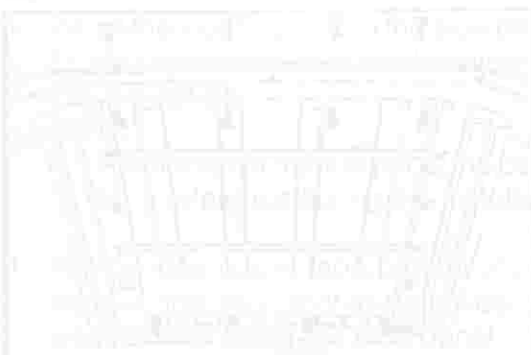


WRE91-BO290

19. Install the rear headlining. (See page BO-98.)



WRE91-BO291



WINDOWS

FRONT WINDSHIELD GLASS

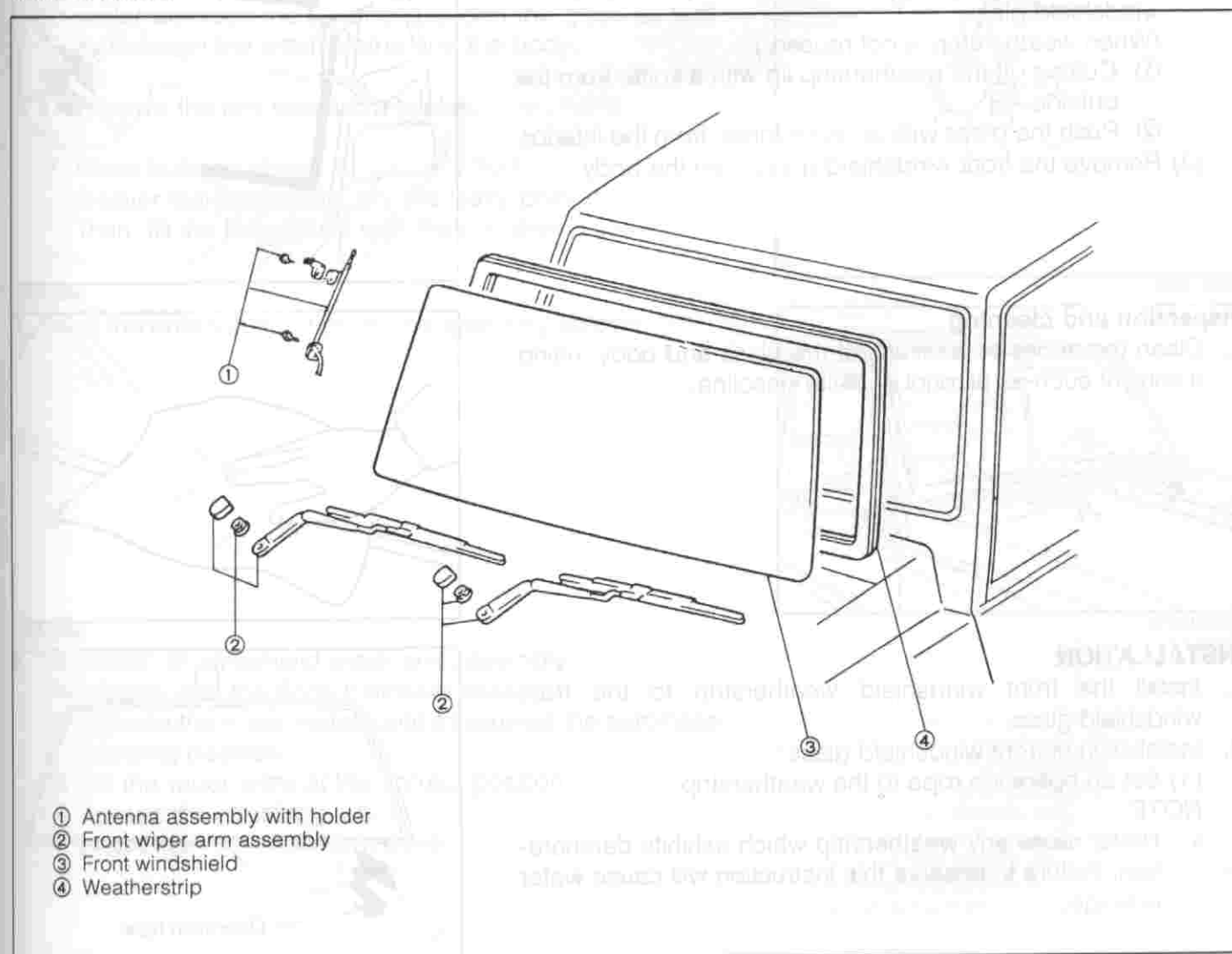
ARTICLES TO BE PREPARED

Lubricants and Others

	Part name	Applications
Lubricants and others	Non-drying window sealer	For use in repairing water leakage and use in refilling after the glass installation
	Tape	For use in preventing the finished surface from damage
	Brush, etc.	For use in applying soap water
	Cutter, etc.	For use in cut-separating adhesive layers and use in cutting weatherstrips
	Soap water	For use as an agent to provide easy sliding of the glass during its installation
	Operation rope (with a diameter of about 5 mm)	For use in installing the glass
	Solvent (Alcohol and white gasoline)	For use in cleaning the adhesive surface

WRE91-BO292

COMPONENTS



WRE91-BO293

BODY

REMOVAL

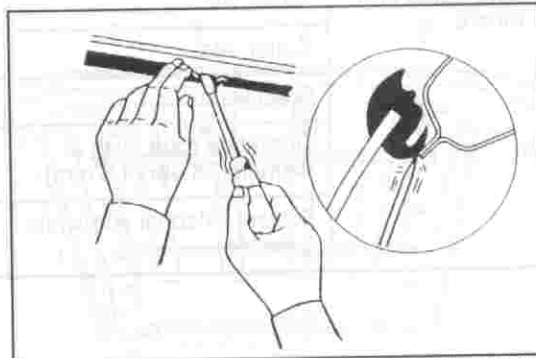
1. Remove the windshield wiper arm cover.
(For details, see the Body Electrical section.)
2. Remove the windshield wiper arm assembly by removing the attaching nut of the front wiper arm assembly. (For details, see the Body Electrical section.)
3. Remove the antenna attaching screws. Affix them to the pillar with a tape so that they may not interfere the removal and installation of the windshield.



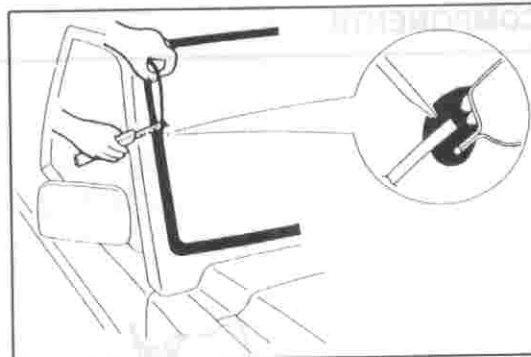
4. Removal of front windshield glass
(When weatherstrip is reused:)
(1) Push the lip section of the weatherstrip outward from the body flange, using a screwdriver or a bamboo spatula. This operation is performed from the vehicle interior.

NOTE:

- Be very careful not to scratch the body paint finish surface.

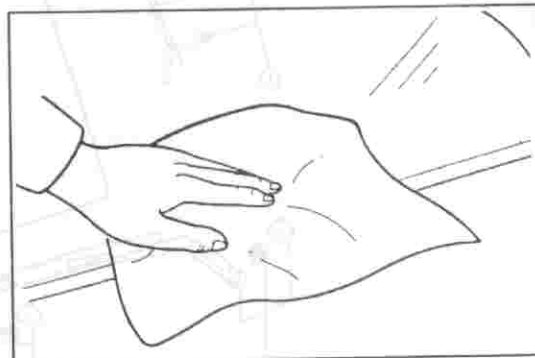


- (2) Remove the front windshield weatherstrip from the front windshield glass.
(When weatherstrip is not reused:)
① Cutting off the weatherstrip lip with a knife, from the outside.
② Push the glass with an even force, from the interior.
- (3) Remove the front windshield glass from the body.



Inspection and cleaning

1. Clean the adhesion sections of the glass and body, using a solvent such as alcohol or white gasoline.

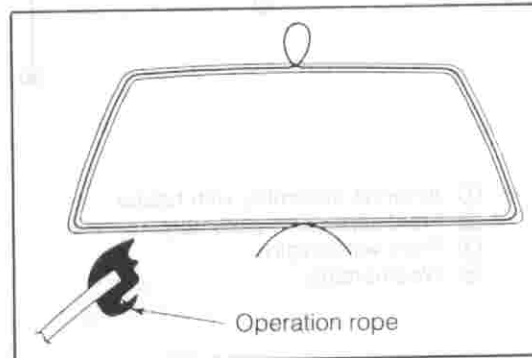


INSTALLATION

1. Install the front windshield weatherstrip to the front windshield glass.
2. Installation of front windshield glass
(1) Set an operation rope to the weatherstrip.

NOTE:

- Never reuse any weatherstrip which exhibits deterioration. Failure to observe this instruction will cause water leakage.



- (2) Apply soap water to the body flange contact sections of the weatherstrip. Also, apply soap water to the body flange.
- (3) Install the front windshield glass to the body.



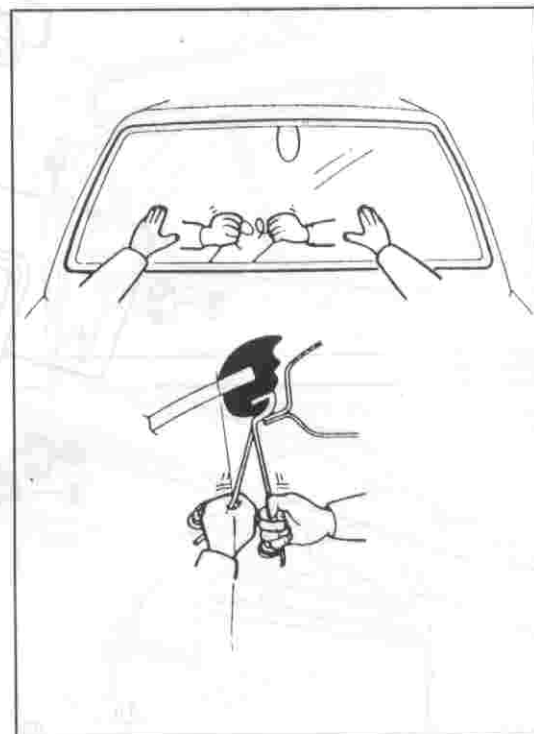
WRE91-BO299

- (4) Hold the one end of the rope that is suspending in the vehicle interior. Pull the rope in such an angle that allows the weatherstrip to cross over the flange. While so doing, pound the surface of the glass at points adjacent to the weatherstrip using one's palm from the vehicle exterior in order that the windshield may be installed into position.
- (5) Pound the surface of the glass using one's palm from the vehicle exterior so that the windshield may be settled in place.
- (6) Application of non-drying window sealer
Working from the outside, apply the non-drying window sealer between the weatherstrip and the glass as well as between the weatherstrip and the body.

NOTE:

- Remove the any excessive sealer.

- (7) Water leakage check
If water leakage exists, dry the leaky point thoroughly. Then, fill the leaky point with the non-drying sealer.



WRE91-BO300

3. Install the antenna and tighten the attaching screws.

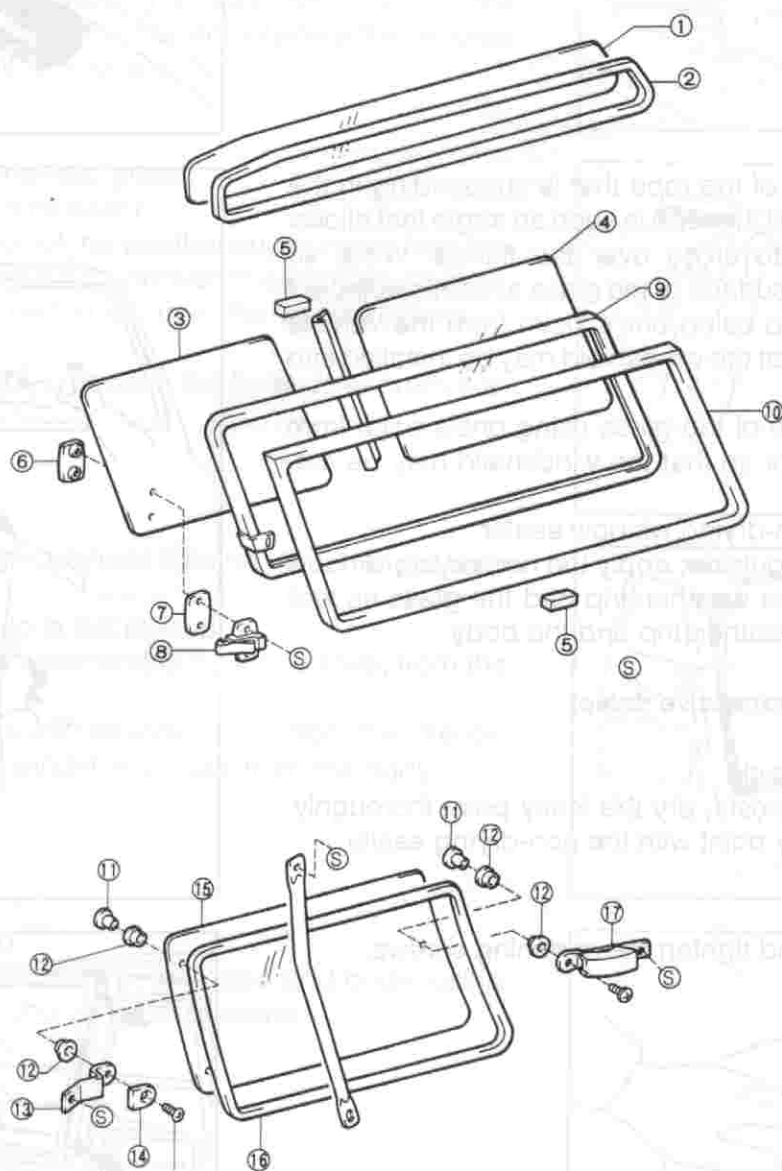


WRE91-BO301

4. Installation of windshield wiper arm assembly
(For details, see the Body Electrical section.)
 - (1) Operate the wiper motor, until it assumes the automatic stopping position.
 - (2) Set the wiper arms at the correct position.
 - (3) Tighten the attaching nut.
 - (4) Install the front wiper arm cover.

WRE91-BO302

QUARTER WINDOW GLASS COMPONENTS



- ① Quarter window panorama glass
- ② Quarter panorama window weatherstrip
- ③ Quarter window glass
- ④ Quarter window glass
- ⑤ Side window packing
- ⑥ Side window lock retainer
- ⑦ Side window lock packing
- ⑧ Side window lock assembly
- ⑨ Quarter window frame subassembly

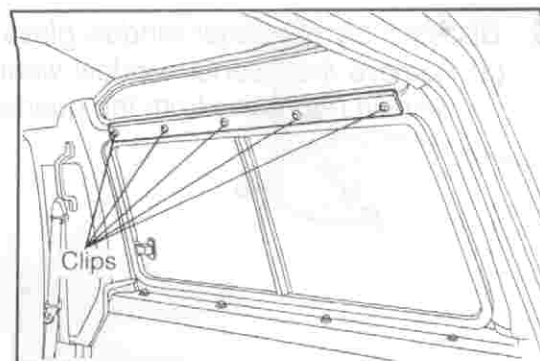
- ⑩ Quarter window weatherstrip
- ⑪ Quarter window hinge retainer
- ⑫ Quarter window hinge packing
- ⑬ Quarter window hinge
- ⑭ Quarter window hinge plate
- ⑮ Quarter window glass
- ⑯ Quarter window weatherstrip
- ⑰ Quarter window lock assembly

QUARTER WINDOW GLASS

<WAGON>

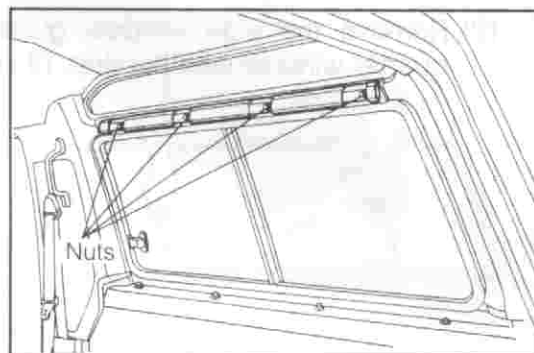
REMOVAL

1. Removal of quarter window division cover
 - (1) Push the clip at the center by one stage, until you hear a clicking sound. Then, remove the clip.
 - (2) Remove the quarter window division cover.



WRE91-BO304

2. Remove the quarter window division inner bar by removing the attaching nuts.
3. Remove the panorama window moulding assembly by removing the attaching nut.



WRE91-BO305

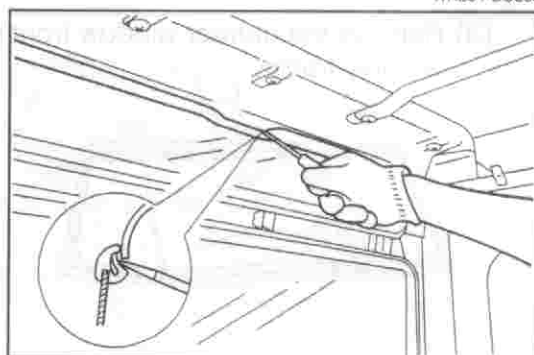
4. Removal of quarter window panorama glass
(When weatherstrip is reused:)
- (1) Push the lip section of the weatherstrip outward from the flange, using a screwdriver or a bamboo spatula. This operation is performed from the vehicle interior.

NOTE:

- Be very careful not to scratch the body paint finish surface and/or garnish.

(If weatherstrip is replaced:)

- (1) Cut off the weatherstrip lip with a knife.
- (2) Remove the quarter window panorama glass by pushing out the quarter window panorama glass.
- (3) Remove the weatherstrip from the vehicle.

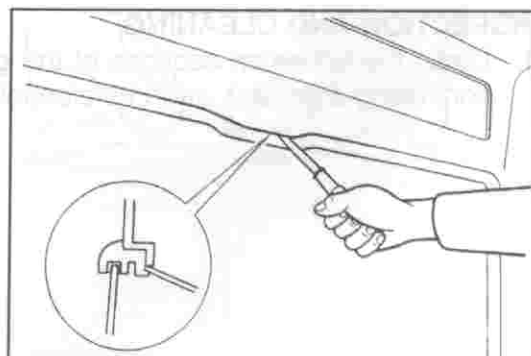


WRE91-BO307

5. Removal of quarter window glass assembly
Push the lip section of the weatherstrip outward from the flange, using a screwdriver or bamboo spatula. This operation is performed from the vehicle interior.

NOTE:

- Be very careful not to scratch the body paint finish surface and/or garnish.

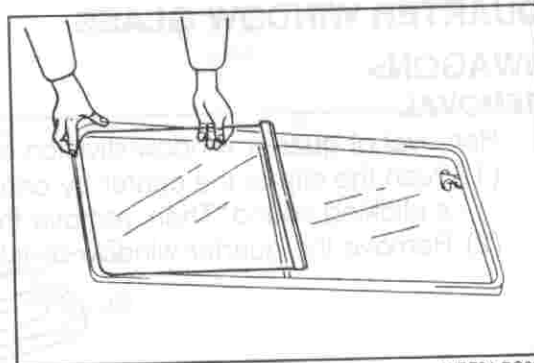


WRE91-BO308

BODY

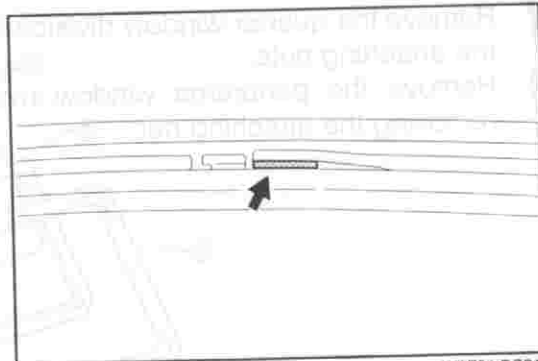
6. Disassembly of quarter window glass assembly

- (1) Remove the quarter window weatherstrip and quarter window rear glass from the quarter window frame.



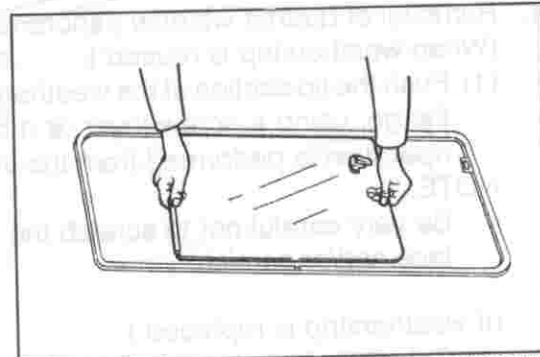
WRE91-BO309

- (2) Remove the side window glass packings from the quarter window weatherstrip, (if so equipped).



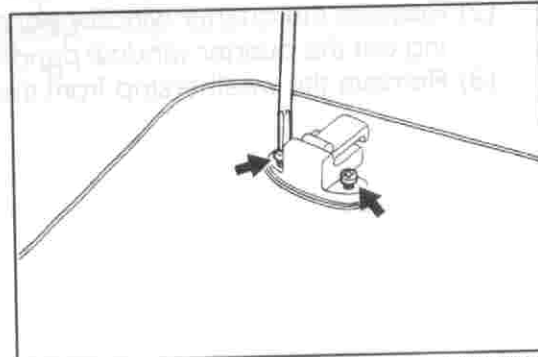
WRE91-BO310

- (3) Remove the quarter window front glass from the quarter window frame.



WRE91-BO311

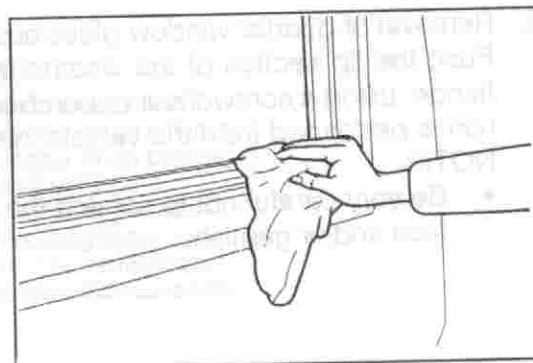
- (4) Remove the side window lock assembly from the quarter window glass by removing the attaching screw.



WRE91-BO312

INSPECTION AND CLEANING

1. Clean the adhesion sections of the glass and flange section, using a solvent, such as alcohol or white gasoline.

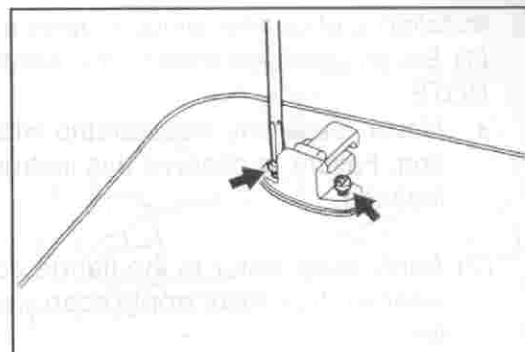


WRE91-BO313

INSTALLATION

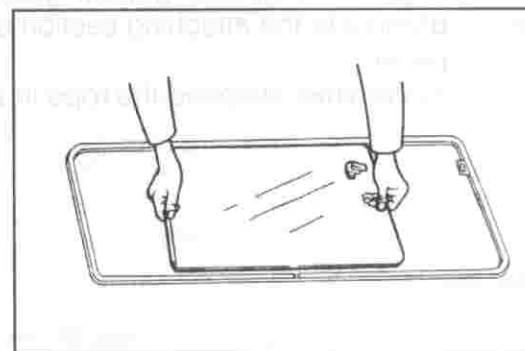
1. Assembly of quarter window glass assembly

- (1) Install the side window lock assembly to the quarter window glass and tighten the attaching screws.



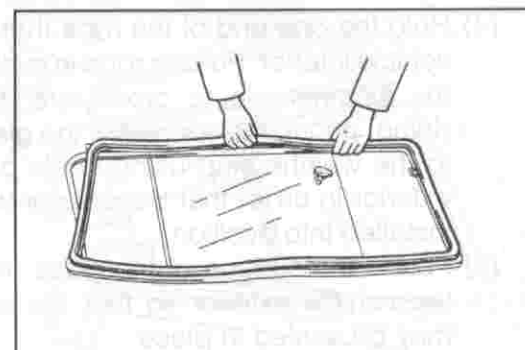
WRE91-BO314

- (2) Assemble the quarter window front glass to the quarter window frame.



WRE91-BO315

- (3) Assemble the quarter window frame to the quarter window weatherstrip.

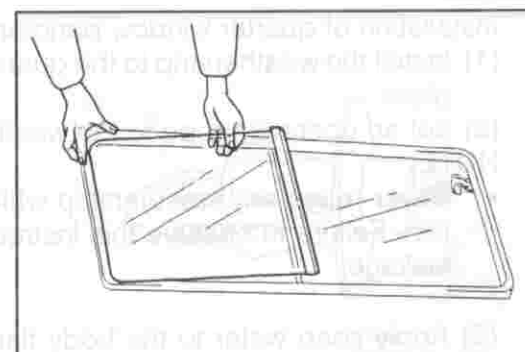


WRE91-BO316

- (4) Assemble the quarter window rear glass to the quarter window weatherstrip.

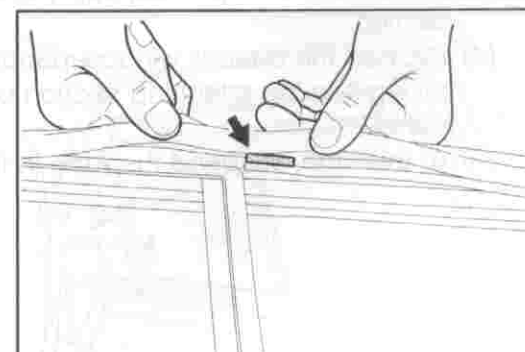
NOTE:

- Fully push the rear glass toward the back side of the weatherstrip.



WRE91-BO317

- (5) Affix the side window glass packings to the run section of the rear glass with an adhesive agent for rubber use so that the rear glass may be secured. (Both upper and lower sections)



WRE91-BO318

BODY

2. Installation of quarter window glass assembly

- (1) Set an operation rope to the weatherstrip.

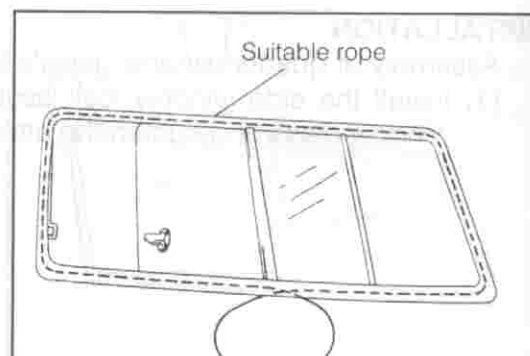
NOTE:

- Never reuse any weatherstrip which exhibits deterioration. Failure to observe this instruction will cause water leakage.

- (2) Apply soap water to the flange contact sections of the weatherstrip. Also, apply soap water to the flange section.

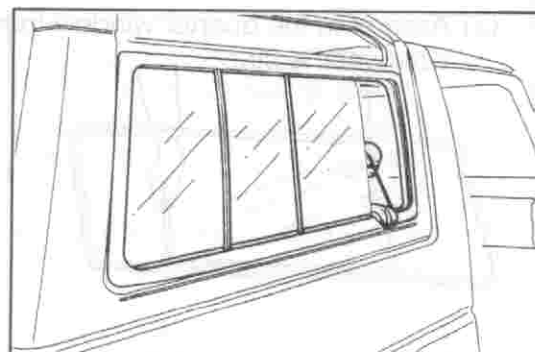
- (3) Support the quarter window glass assembly while applying it to the attaching section of the rear side upper panel.

At this time, suspend the rope in the vehicle interior.



- (4) Hold the one end of the rope that is suspending in the vehicle interior. Pull the rope in such an angle that allows the weatherstrip to cross over the flange. While so doing, pound the surface of the glass at points adjacent to the weatherstrip using one's palm from the vehicle exterior in order that the quarter window glass may be installed into position.

- (5) Pound the surface of the glass using one's palm from the vehicle exterior so that the quarter window glass may be settled in place.



3. Installation of quarter window panorama glass

- (1) Install the weatherstrip to the quarter window panorama glass.

- (2) Set an operation rope to the weatherstrip.

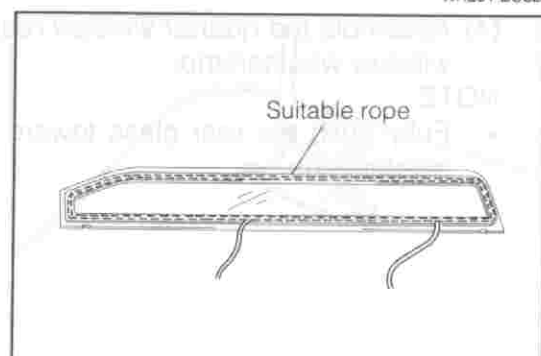
NOTE:

- Never reuse any weatherstrip which exhibits deterioration. Failure to observe this instruction will cause water leakage.

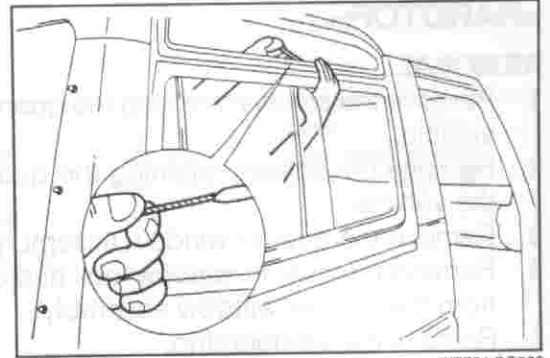
- (3) Apply soap water to the body flange contact sections of the weatherstrip. Also, apply soap water to the flange section.

- (4) Support the quarter window panorama glass while applying it to the attaching section of the rear side upper panel.

At this time, suspend the rope in the vehicle interior.



- (5) Hold the one end of the rope that is suspending in the vehicle interior. Pull the rope in such an angle that allows the weatherstrip to cross over the flange. While so doing, pound the surface of the glass at points adjacent to the weatherstrip using one's palm from the vehicle exterior in order that the quarter window glass may be installed into position.

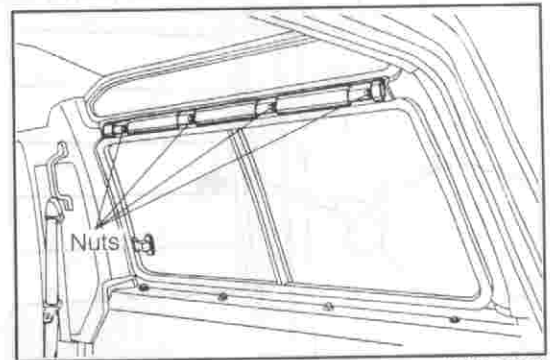


WRE91-BO322

- (6) Pound the surface of the glass, using one's palm from the vehicle exterior, so that the quarter window glass may be settled in place.
- (7) Check of water leakage
Ensure that no water leakage is present.
If water leakage is found, dry the leaky point thoroughly.
Then, fill the leaky point with the non-drying sealer.

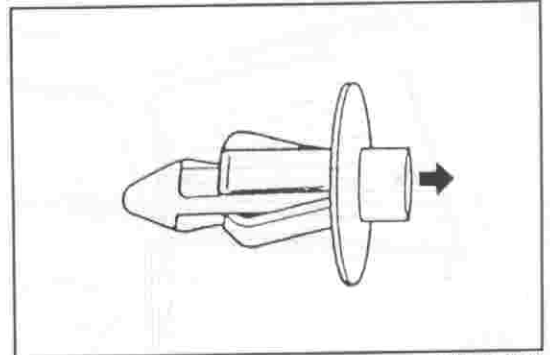
WRE91-BO323

4. Install the panorama window moulding assembly with the attaching nut.
5. Install the quarter window division inner bar with the attaching nuts.



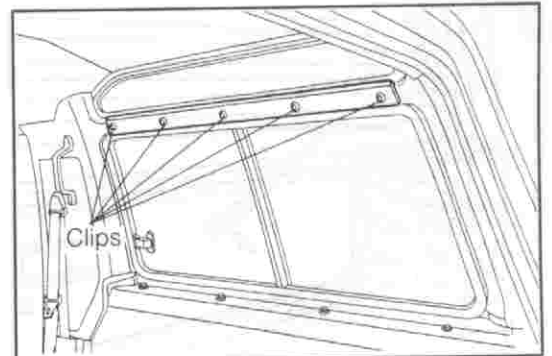
WRE91-BO325

6. Installation of quarter window division cover
(1) Set the clip, as indicated in the right figure.



WRE91-BO326

- (2) Install the quarter window division cover and insert the clips into the attaching hole. Lock the clips by pushing the center of the clip.



WRE91-BO327

BODY

<HARDTOP>

REMOVAL

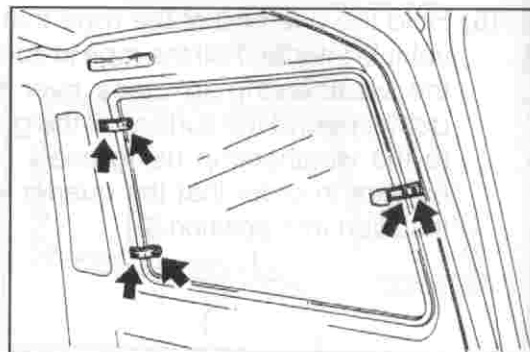
1. Remove the screws retaining the quarter window lock to the vehicle.
2. Remove the screws retaining the quarter window hinge to the vehicle.
3. Remove the quarter window assembly from the vehicle.
4. Remove the quarter window lock and quarter window hinge from the quarter window assembly.
5. Remove the weatherstrip.

INSTALLATION

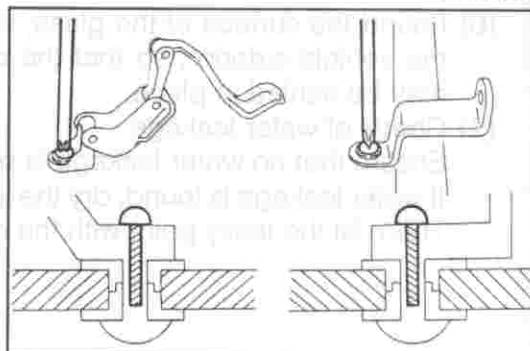
1. Install the weatherstrip.
2. Install the quarter window lock and quarter window hinges to the quarter window glass.
3. Install the quarter window hinge to the vehicle with the screws.
4. Install the quarter window lock to the vehicle with the screws.

NOTE:

- When tightening the screw, fill the nut with an adhesive agent (instantaneous adhesive agent).



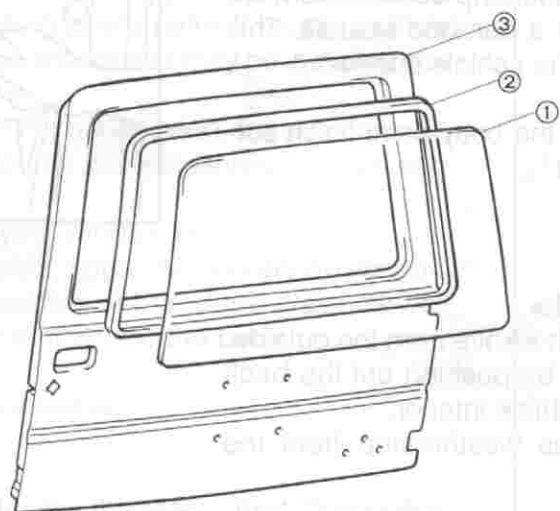
WRE91-BO328



WRE91-BO329

BACK DOOR GLASS

COMPONENTS

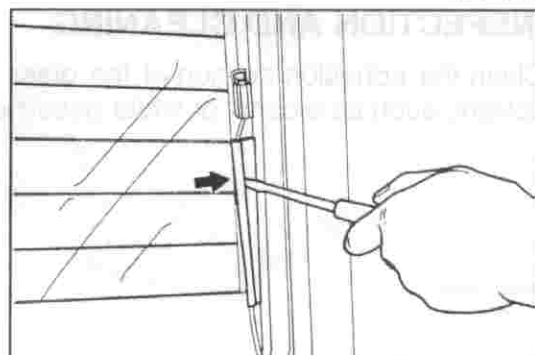


- ① Back door glass
- ② Back door glass weatherstrip
- ③ Back door panel subassembly

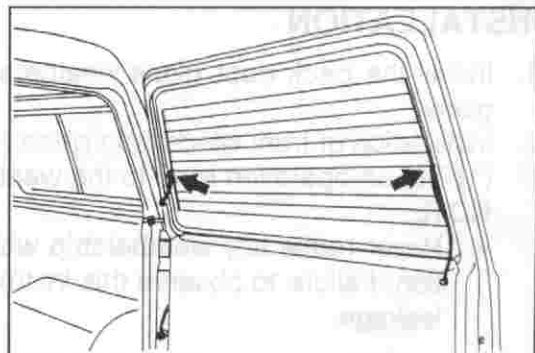
WRE91-BO330

REMOVAL

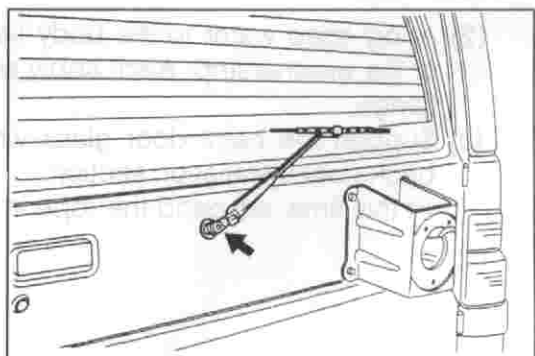
1. Detach the defogger wire clamp by pulling it from the weatherstrip, (if so equipped).
2. Disconnect the defogger wire connector, (if so equipped).
3. Remove the spare wheel.
4. Removal of rear wiper arm assembly
 - (1) Remove the rear wiper arm cover.
 - (2) Remove the rear wiper arm assembly by removing the attaching nut of the front wiper arm assembly.



WRE91-BO331



WRE91-BO332



WRE91-BO333

BODY

5. Removal of back door glass

<When weatherstrip is reused:>

- (1) Push the lip section of the weatherstrip outward from the flange, using a screwdriver or a bamboo spatula. This operation is performed from the vehicle interior.

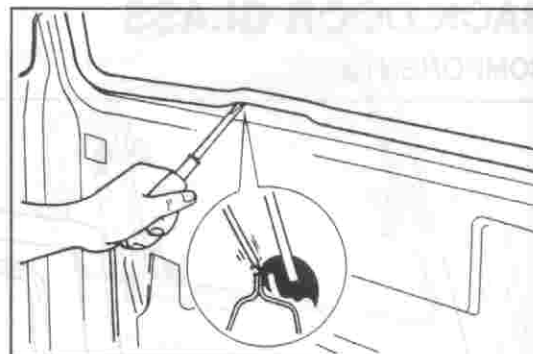
NOTE:

- Be very careful not to scratch the body paint finish surface and back door trim board.

- (2) Remove the back door glass.

<When weatherstrip is replaced:>

- (1) Cut off the weatherstrip lip with a knife from the outside.
- (2) Remove the back door glass by pushing out the back door glass evenly from the vehicle interior.
- (3) Remove the back door glass weatherstrip from the vehicle.



INSPECTION AND CLEANING

Clean the adhesion section of the glass and vehicle, using a solvent, such as alcohol or white gasoline.



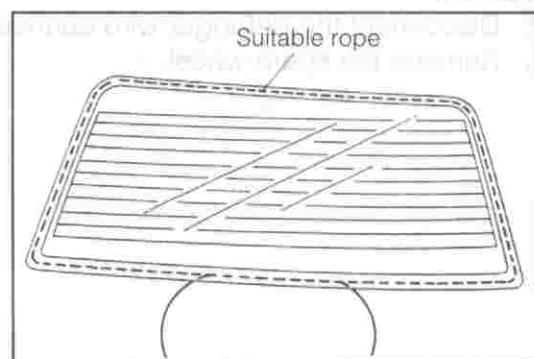
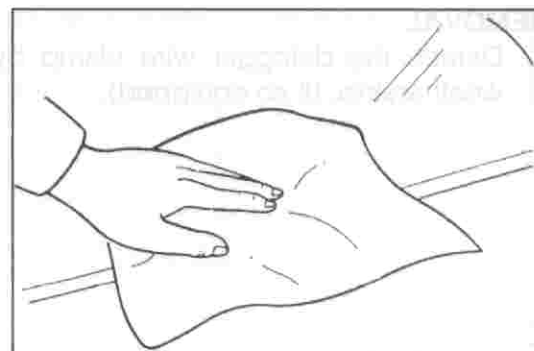
INSTALLATION

1. Install the back door glass weatherstrip to the back door glass.
2. Installation of front windshield glass

- (1) Set an operation rope to the weatherstrip.

NOTE:

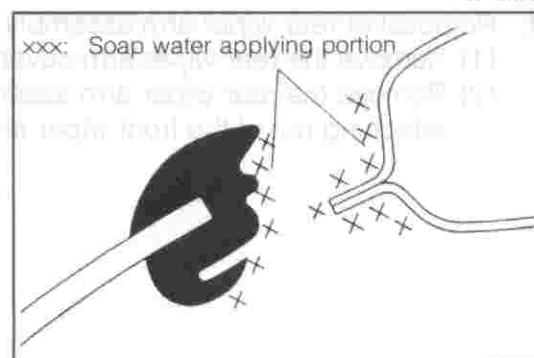
- Never reuse any weatherstrip which exhibits deterioration. Failure to observe this instruction will cause water leakage.



- (2) Apply soap water to the body flange contact sections of the weatherstrip. Also, apply soap water to the body flange.

- (3) Support the back door glass while applying it to the back door installation section.

At this time, suspend the rope in the vehicle interior.

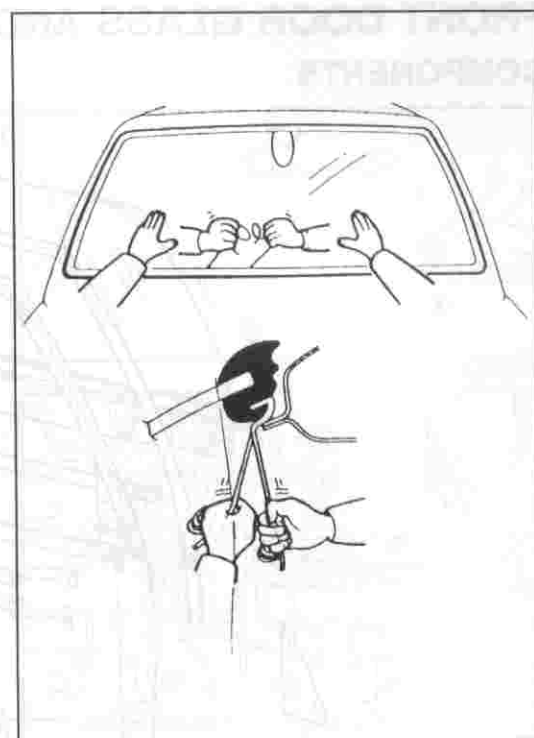


- (4) Hold the one end of the rope that is suspending in the vehicle interior. Pull the rope in such an angle that allows the weatherstrip to cross over the flange. While so doing, pound the surface of the glass at points adjacent to the weatherstrip using one's palm from the vehicle exterior in order that the windshield may be installed into position.
- (5) Pound the surface of the glass using one's palm from the vehicle exterior so that the windshield may be settled in place.
- (6) Application of non-drying window sealer
Working from the outside, apply the non-drying window sealer between the weatherstrip and the glass as well as between the weatherstrip and the body.

NOTE:

- Remove any excessive sealer.

- (7) Water leakage check
If water leakage exists, dry the leaky point thoroughly. Then, fill the leaky point with the non-drying sealer.

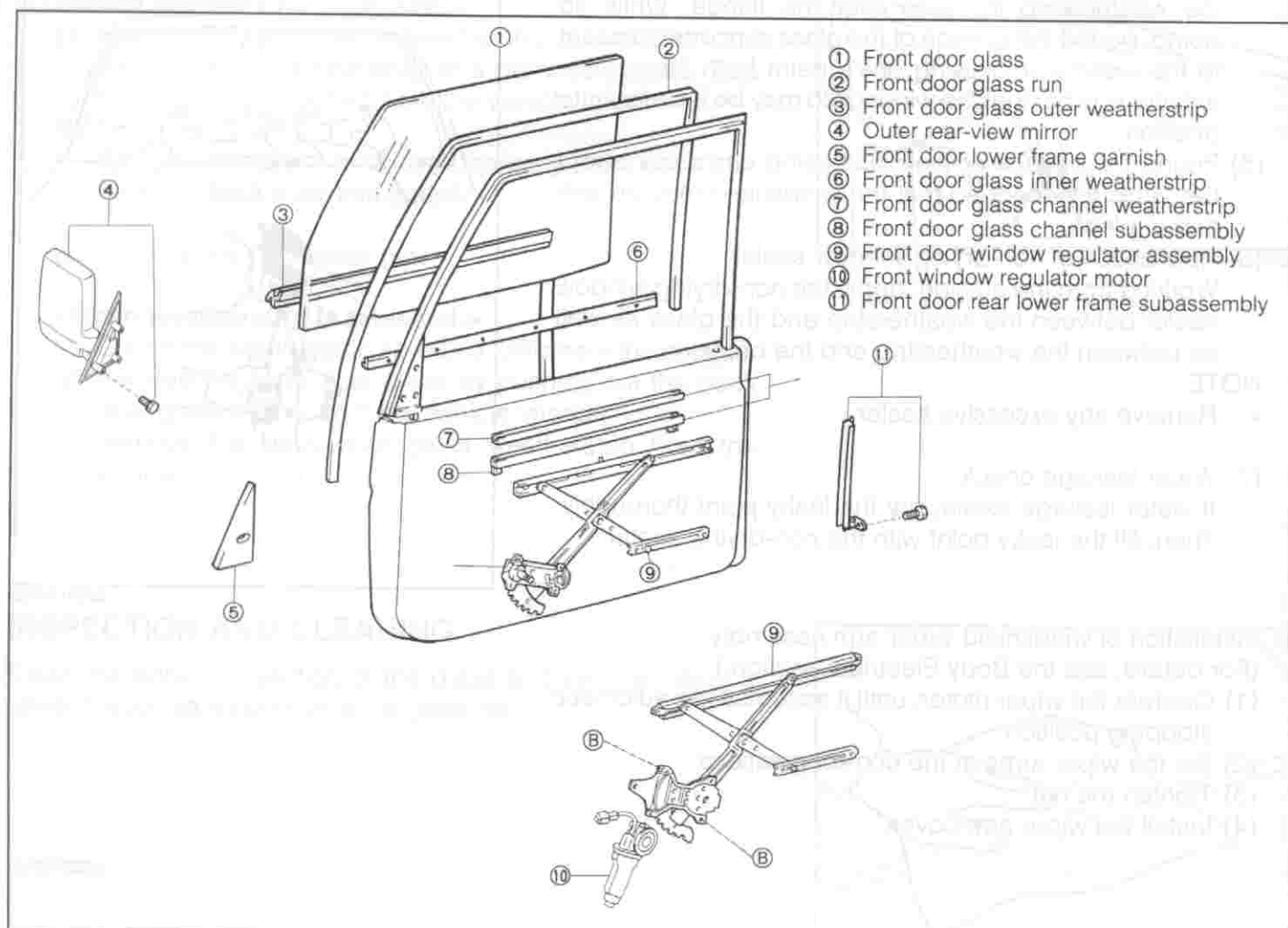


WRE91-BO338

3. Installation of windshield wiper arm assembly
(For details, see the Body Electrical section.)
 - (1) Operate the wiper motor, until it assumes the automatic stopping position.
 - (2) Set the wiper arms at the correct positions.
 - (3) Tighten the nut.
 - (4) Install the wiper arm cover.

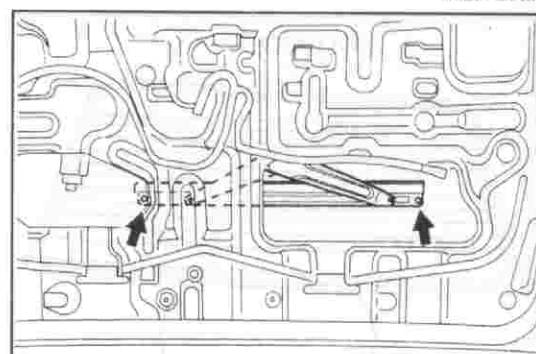
WRE91-BO339

FRONT DOOR GLASS AND REGULATOR COMPONENTS



REMOVAL

1. Removal of door trim and service hole cover (See page BO-126.)
2. Remove the outer rear-view mirror. (See page BO-127.)
3. Remove the front door glass outer weatherstrip and front glass inner weatherstrip. (See page BO-128.)
4. Set the front door glass to the position indicated in the right figure. Remove the front door glass channel attaching bolts.
5. Remove the front door glass from the door panel by lifting the glass, as indicated in the right figure.

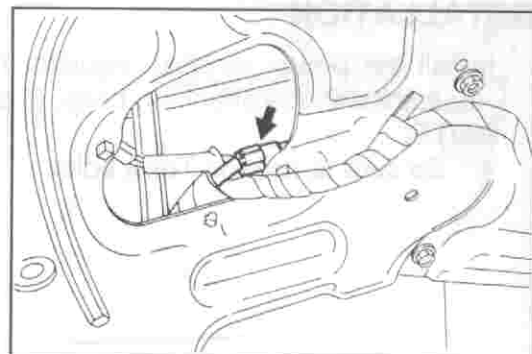


WRE91-BO341



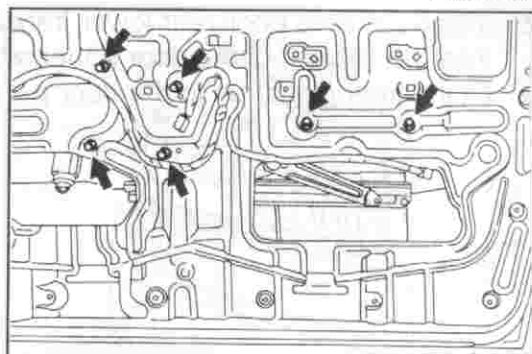
WRE91-BO342

6. Disconnect the connector of the power window regulator front motor assembly, (if so equipped). Detach the clamp from the door panel.



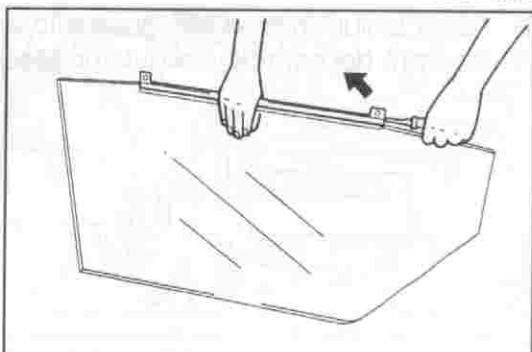
WRE91-BO343

7. Remove the window regulator attaching bolt.
8. Remove the window regulator from the door panel.



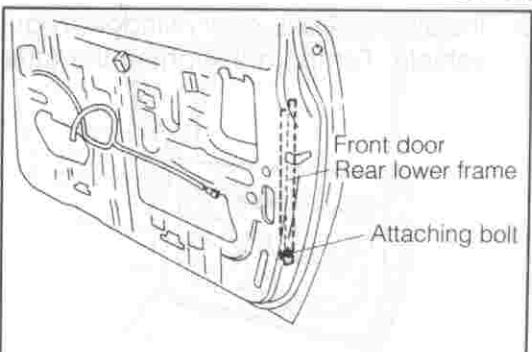
WRE91-BO344

9. Remove the front door glass channel subassembly and front door glass channel weatherstrip from the front door glass.



WRE91-BO345

10. Remove the front door glass run.
11. Remove the front door rear lower frame subassembly by removing the attaching bolt.

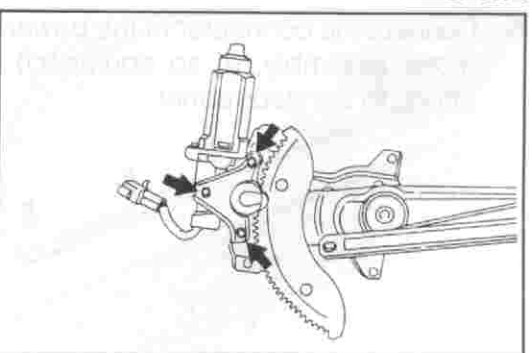


WRE91-BO346

12. Remove the power window regulator front motor from the window regulator, (if so equipped).

NOTE:

- The attaching bolts is Torx®.



WRE91-BO347

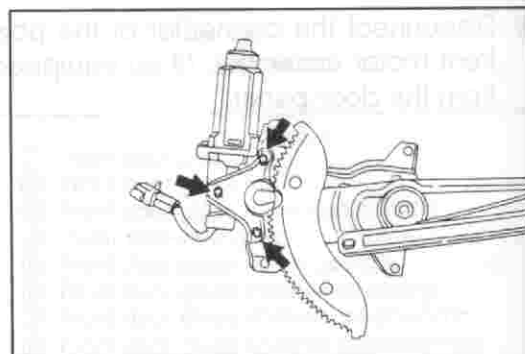
BODY

INSTALLATION

1. Install the power window regulator motor to the window regulator with the attaching bolts, (if so equipped).

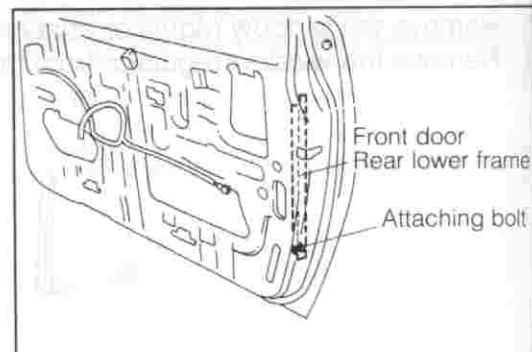
NOTE:

- Be sure to use the Torx® bolts.



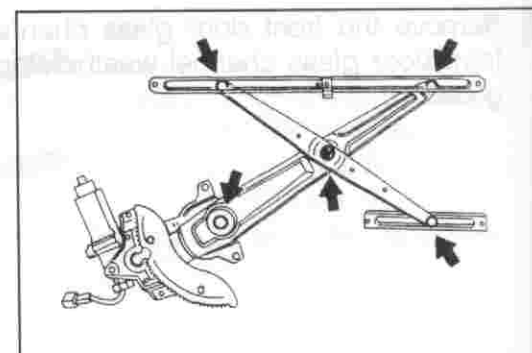
WRE91-B0348

2. Install the front door rear lower frame subassembly to the insertion section of the door panel with the attaching bolts.
3. Fit the front glass run to the door panel.



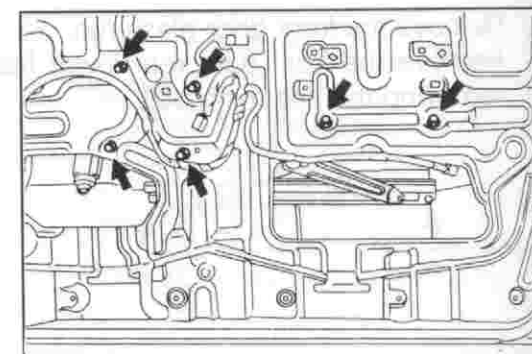
WRE91-B0349

4. Apply lithium-based MP grease to each sliding section of the front door window regulator assembly.



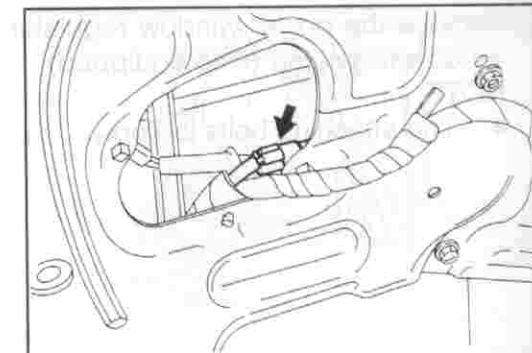
WRE91-B0360

5. Install the front door window regulator assembly to the vehicle. Temporarily tighten the attaching bolts.



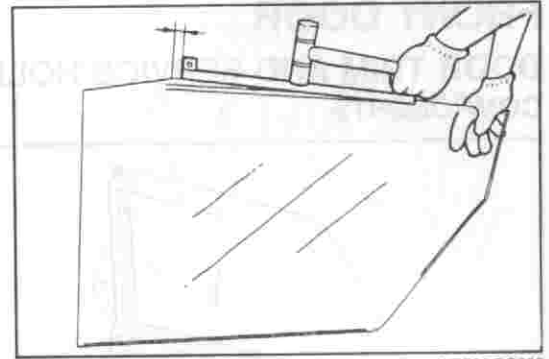
WRE91-B0351

6. Connect the connector of the power window regulator front motor assembly, (if so equipped). Clamp the connector clamp to the door panel.



WRE91-B0352

7. Install the weatherstrip to the front glass.
8. Apply soap water to the weatherstrip. Install the front door glass channel to the position indicated in the right figure by lightly tapping it with a plastic hammer or the like.



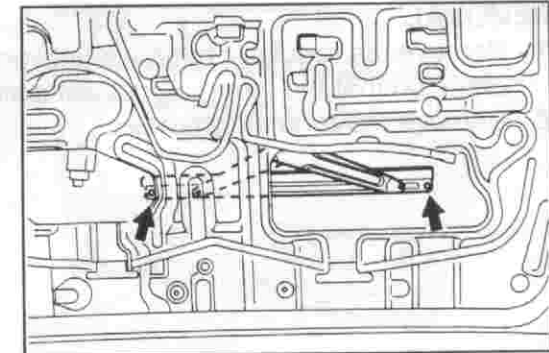
WRE91-BO353

9. Insert the front door glass along the front glass run.



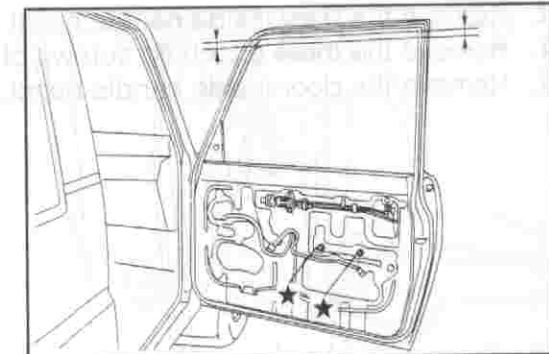
WRE91-BO354

10. Install the front door glass channel to the regulator with the attaching bolts.



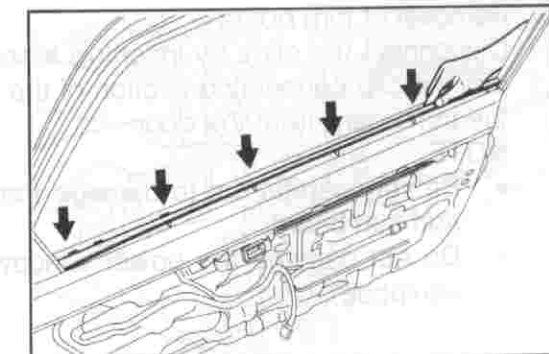
WRE91-BO355

11. Close the front door glass, as indicated in the right figure. Loosen the bolt bearing the ★ mark and adjust it so that the heights of the right and left front door glass become the same as with each other. Then, tighten the attaching bolts of the front door window regulator.



WRE91-BO356

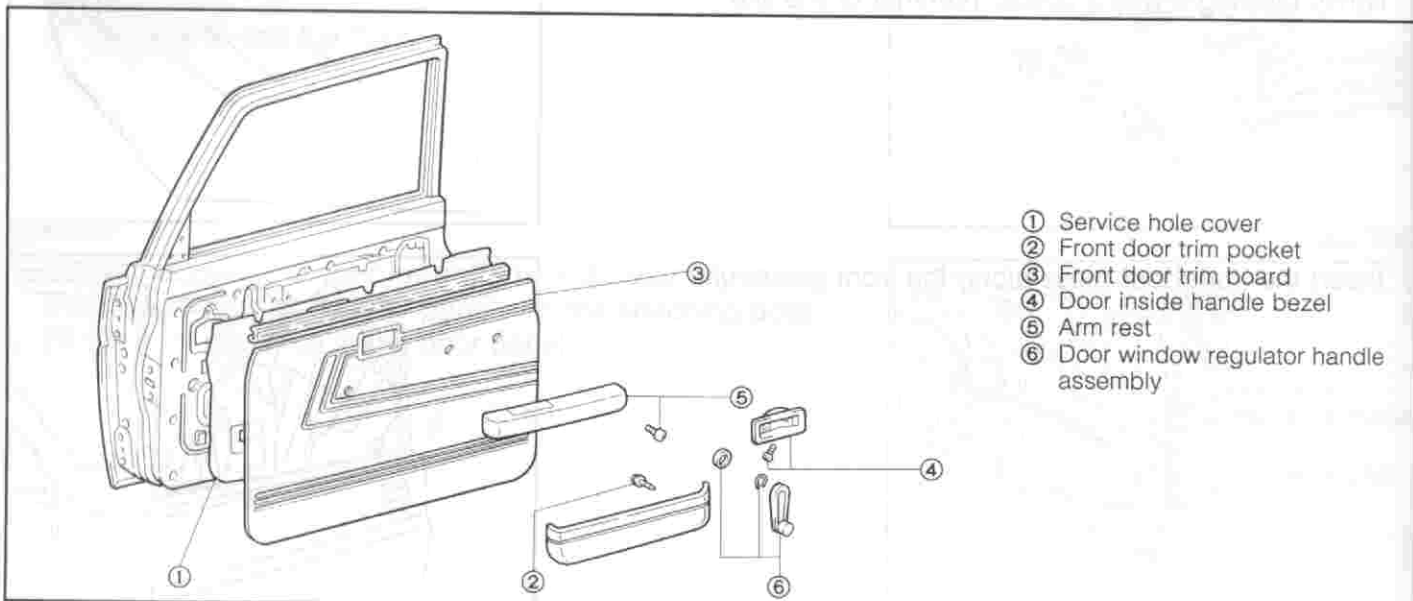
12. Install the front door glass inner weatherstrip and front door glass outer weatherstrip. (See page BO-129.)
13. Install the outer rear-view mirror. (See page BO-129.)
14. Installation of door trim and service hole cover (See page BO-130.)
15. Ensure that the front door glass operates smoothly.



WRE91-BO357

FRONT DOOR

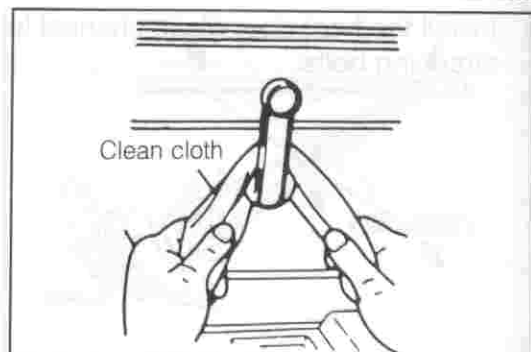
DOOR TRIM AND SERVICE HOLE COVER COMPONENTS



WRE91-BO358

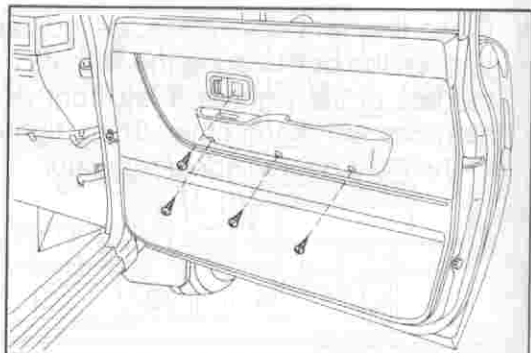
REMOVAL

1. Remove the regulator handle shaft snap ring, using a clean cloth, so that the trim may not get soiled.
2. Remove the regulator handle.



WRE91-BO359

3. Remove the door inside handle bezel attaching screw.
4. Remove the three attaching screws of the arm rest.
5. Remove the door inside handle bezel.

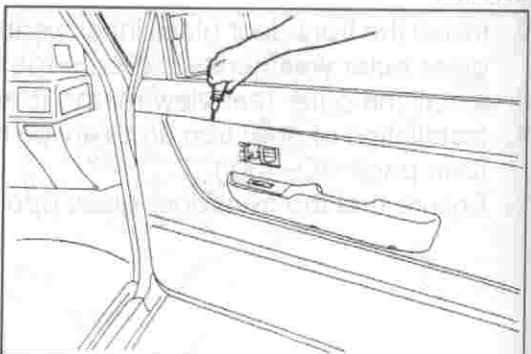


WRE91-BO360

6. Removal of trim board
Disconnect the clips by inserting a screwdriver or the like into the clip connecting section of the trim board. Remove the trim board from the door.

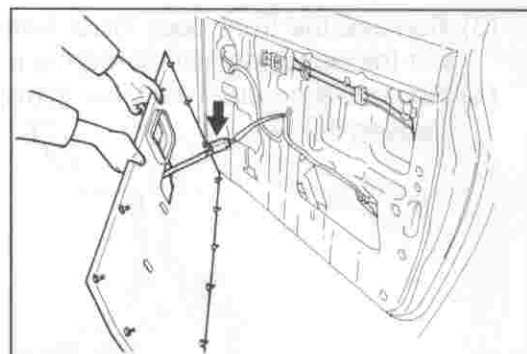
NOTE:

- Be very careful not to damage the paint finish surface and trim board.
- Do not damage the power window switch wire, (if so equipped).



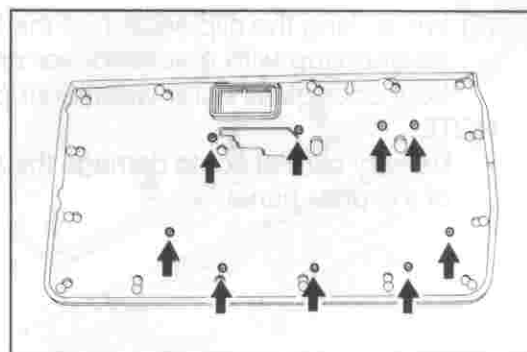
WRE91-BO361

7. Disconnect the power window switch connector.



WRE91-BO362

8. Remove the armrest by removing the four attaching screws.
9. Remove the door pocket by removing the five attaching screws, (if so equipped).

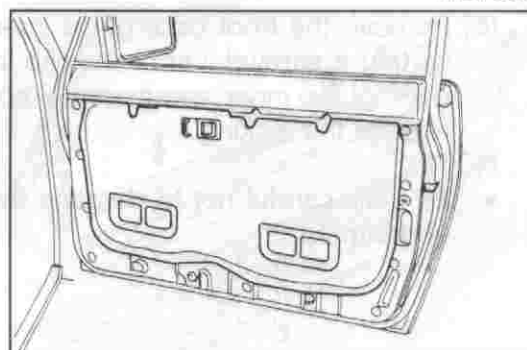


WRE91-BO363

10. Remove the service hole cover.

NOTE:

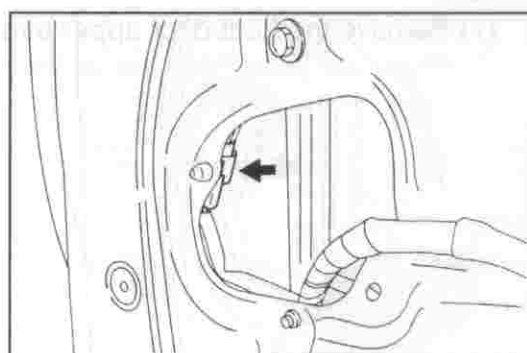
- Care must be exercised not to tear off the service hole cover.



WRE91-BO364

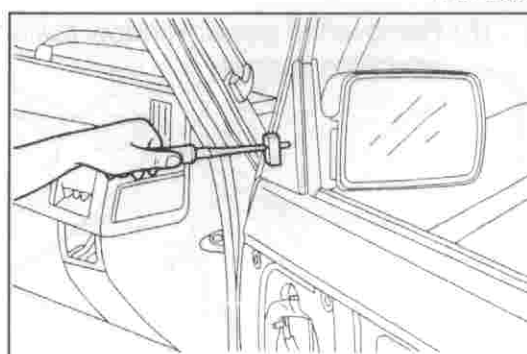
11. Removal of front door upper trim

- (1) Disconnect the connector of electrically operated outer rear-view mirror, (if so equipped). (For details, see the Body Electrical section.)



WRE91-BO365

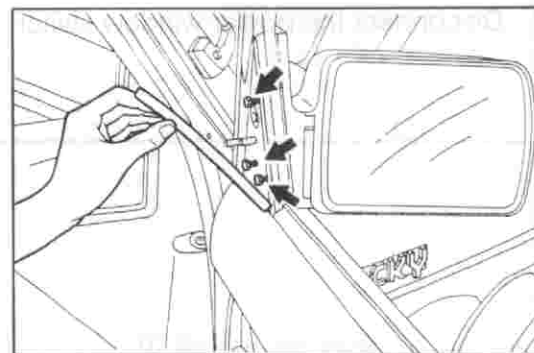
- (2) Remove the outer rear-view mirror handle by removing the attaching screw, (if so equipped).



WRE91-BO366

BODY

- (3) Remove the front door lower frame garnish by pulling out the upper part of the garnish.
- (4) Remove the outer rear-view mirror by removing the attaching screws.

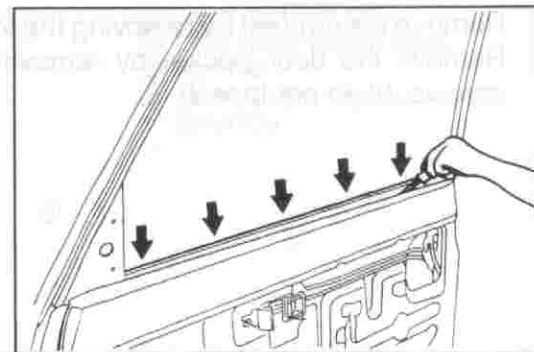


WRE91-BO367

- (5) While lifting the clip section of the front door glass outer weatherstrip with a screwdriver or the like, remove the front door glass outer weatherstrip.

NOTE:

- Be very careful not to damage the paint surface and trim of the door panel.

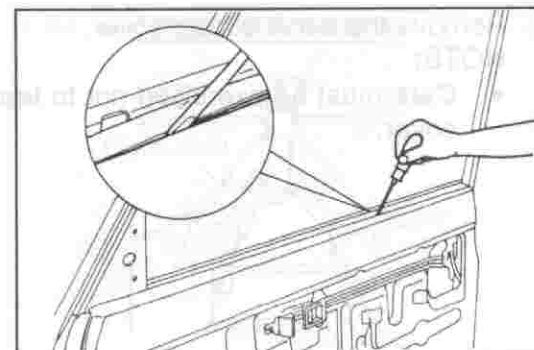


WRE91-BO368

- (6) Remove the front door glass inner weatherstrip by inserting a screwdriver or the like into between the front door glass inner weatherstrip and the door panel to release the locking.

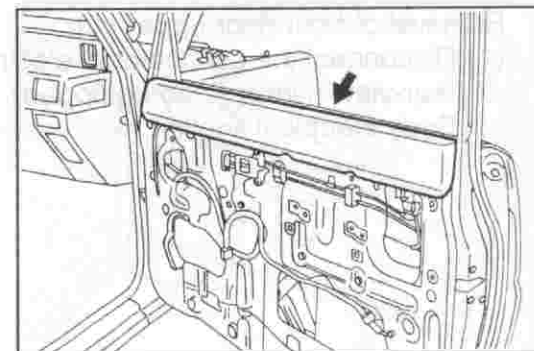
NOTE:

- Be very careful not to damage the paint finish surface and trim.



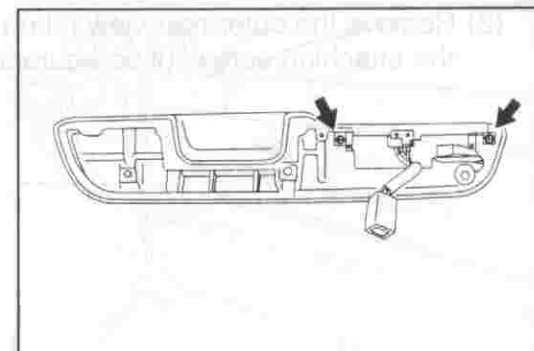
WRE91-BO369

- (7) Remove the front door upper trim.



WRE91-BO370

- (8) Remove the power window switch by removing the two attaching screws.

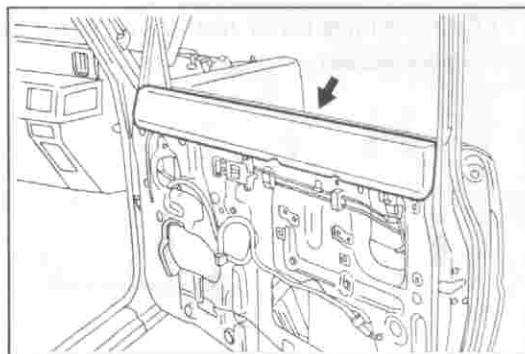


WRE91-BO371

INSTALLATION

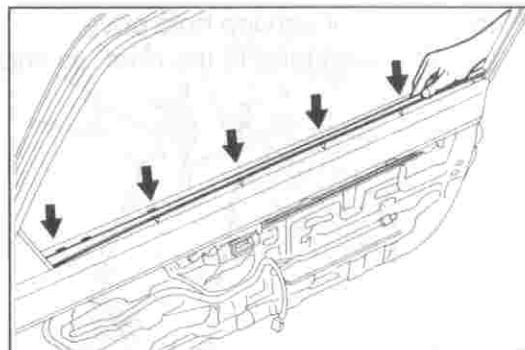
1. Installation of front door upper trim

- (1) Install the front door upper trim to the door.



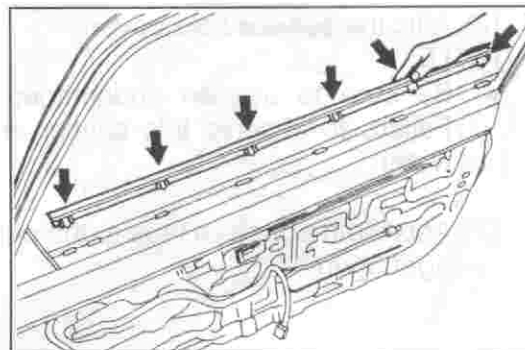
WRE91-BO372

- (2) Align the lock section of the front door glass inner weatherstrip with the installing hole at the door side. Install the weatherstrip by pushing it.



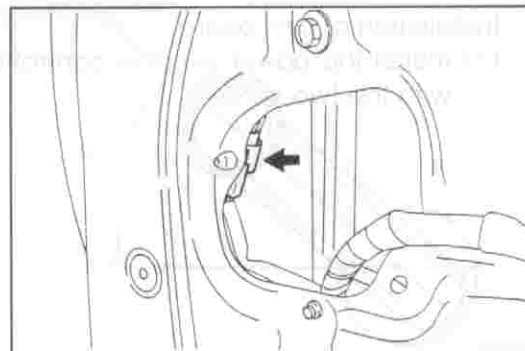
WRE91-BO373

- (3) Align the clip section of the front door glass outer weatherstrip with the clip section at the door side. Install the weatherstrip by pushing it.



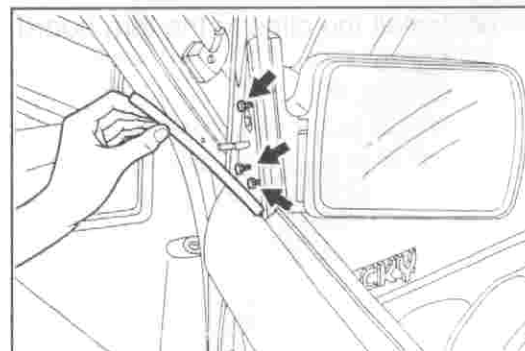
WRE91-BO374

- (4) Connect the connector of the electrically operated outer rear-view mirror, (if so equipped). (For details, see the Body Electrical section.)



WRE91-BO375

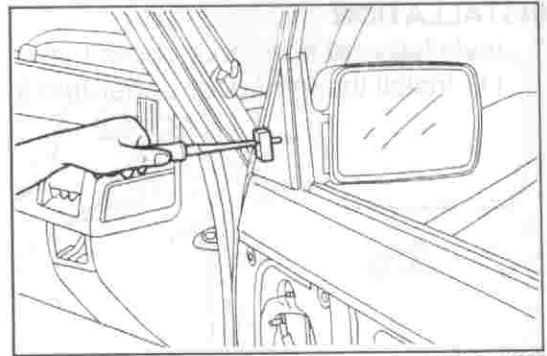
- (5) Install the outer rear-view mirror and tighten the attaching screw.
- (6) Install the front door lower frame garnish.



WRE91-BO376

BODY

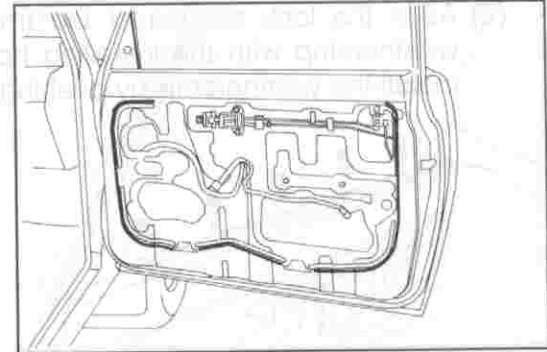
- (7) Install the outer rear-view mirror handle with the attaching screw.



WRE91-BO377

2. Installation of service hole cover

- (1) Affix butyl tape to the door, as shown in the right figure.



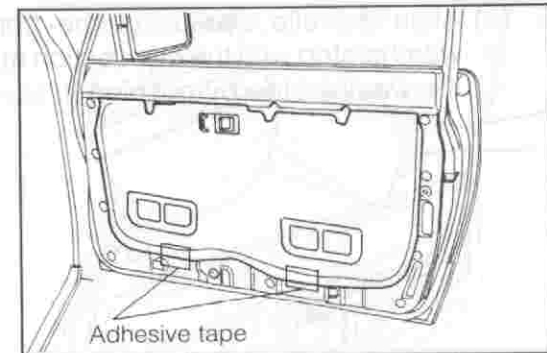
WRE91-BO378

- (2) Affix the service hole cover.

NOTE:

- Be sure to use an undamaged service hole cover. Failure to observe this caution may cause ingress of water.

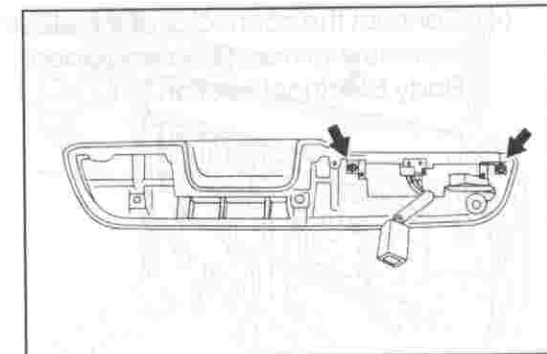
- (3) Affix cloth adhesive tape to the portions indicated in the right figure.



WRE91-BO379

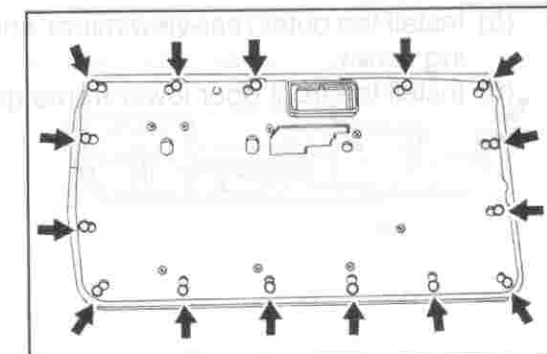
3. Installation of trim board

- (1) Install the power window control switch to the armrest with the two screws.



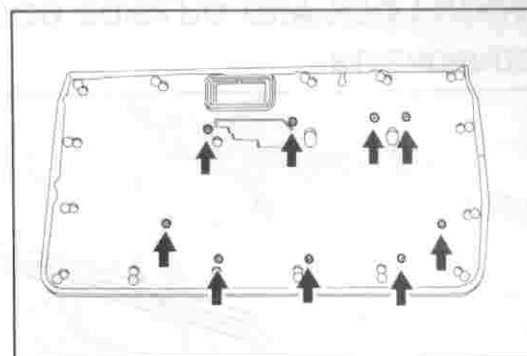
WRE91-BO380

- (2) Install the clips to the trim board, as shown in the right figure.



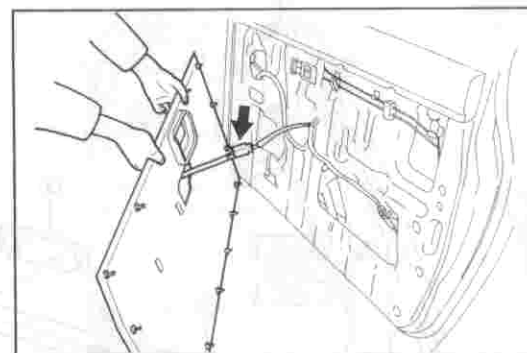
WRE91-BO381

- (3) Install the armrest to the trim board with the four screws.
- (4) Install the door pocket to the trim board with the five screws, (if so equipped).



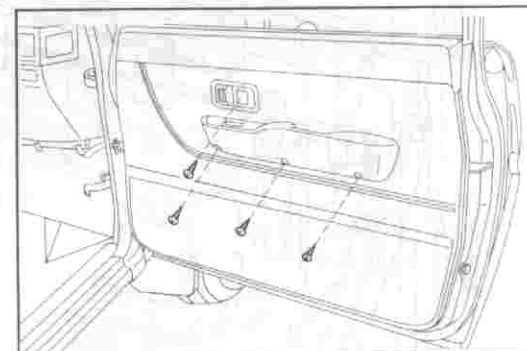
WRE91-BO382

- (5) Connect the power window connector.
- (6) Install the trim board to the door. Lock the clip by pushing it to the door side.



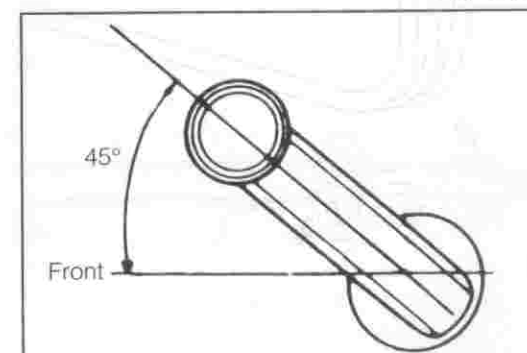
WRE91-BO383

4. Install the door inside handle bezel to the door.
5. Tighten the attaching screw of the door inside handle bezel.
6. Tighten the attaching screw of the armrest.



WRE91-BO384

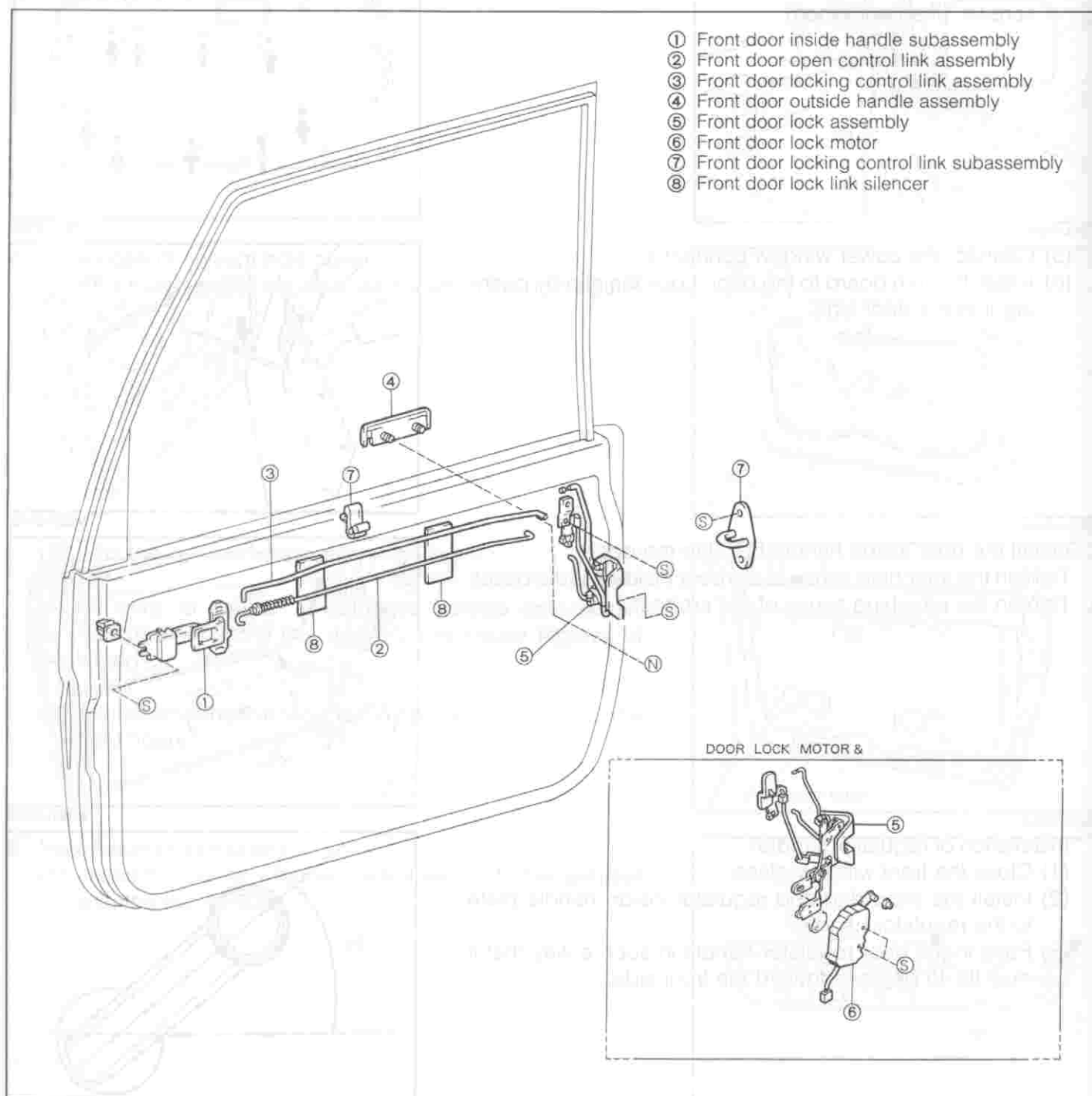
7. Installation of regulator handle
 - (1) Close the front window glass.
 - (2) Install the snap ring and regulator inside handle plate to the regulator handle.
 - (3) Push in the door regulator handle in such a way that it may tilt 45 degrees toward the front side.



WRE91-BO385

BODY

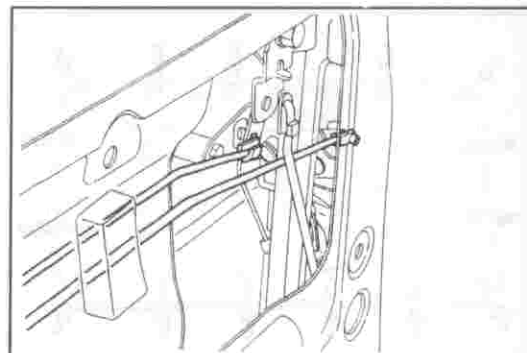
DOOR LOCK AND OUTSIDE DOOR HANDLE COMPONENTS



WRE91-BO386

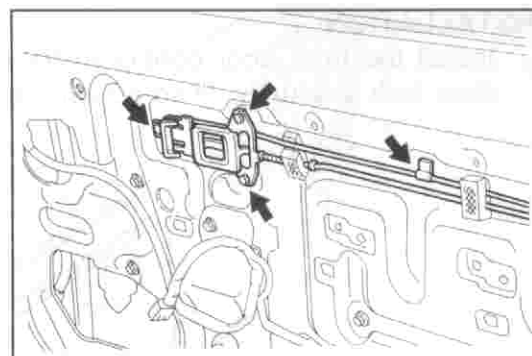
REMOVAL

1. Remove the door trim and service hole cover, as required. (See page BO-126.)
2. Close the front door glass.
3. Disconnect the front door locking control link and front door open control link from the front door lock assembly.



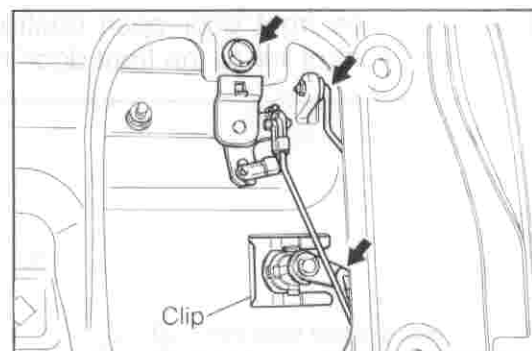
WRE91-BO387

4. Disconnect the front door locking control link from the front door locking control link clamp.
5. Remove the front door inside handle subassembly by removing the three attaching bolts.



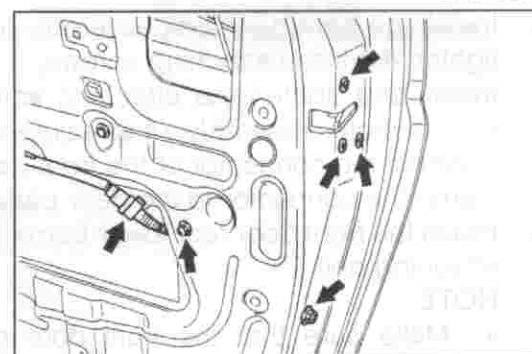
WRE91-BO388

6. Disconnect the door open control link from the front door outside handle subassembly.
7. Remove the front door outside handle by removing the two attaching nuts.
8. Disconnect the door lock control link from the door lock cylinder.
9. Remove the door lock cylinder by removing the sleeve clamp.
10. Remove the front door locking control link assembly from the door panel.

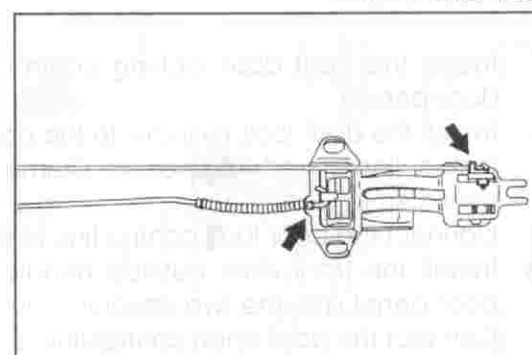


WRE91-BO389

11. Remove the front door rear lower frame subassembly attaching bolt.
12. Remove the front door control motor assembly attaching bolt, (if so equipped).
13. Disconnect the front door control motor connector, (if so equipped).
14. Disconnect the front door control motor connector from the body, (if so equipped).
15. Remove the three attaching screws of the front door lock assembly.
16. Remove the front door lock assembly.
17. Disconnect the front door open control link and front door locking control link from the front door inside handle.

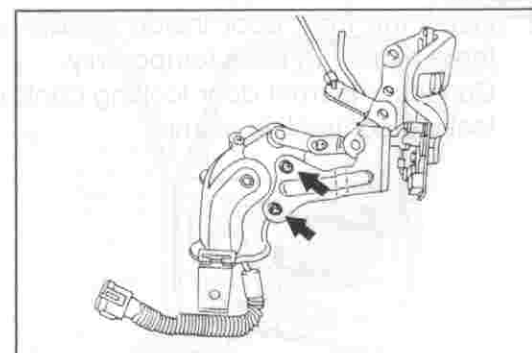


WRE91-BO390



WRE91-BO391

18. Remove the front door control motor assembly from the front door lock assembly, (if so equipped). (For details of the front door control motor, see the Body Electrical section.)

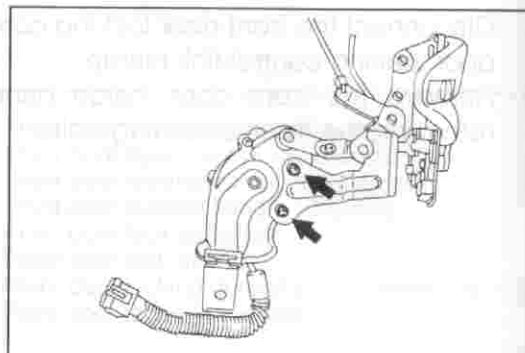


WRE91-BO392

BODY

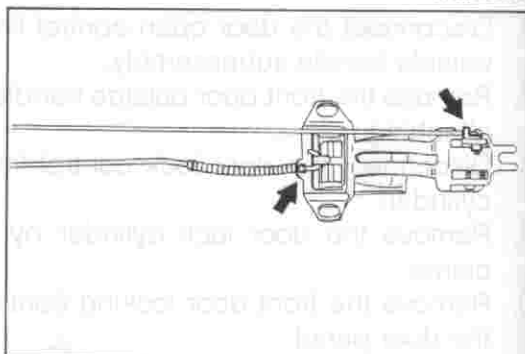
INSTALLATION

1. Install the front door control motor assembly to the front door lock assembly, (if so equipped).



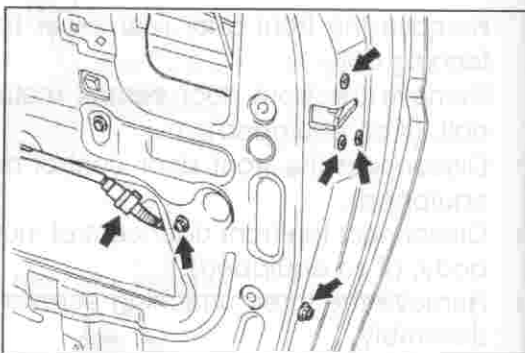
WRE91-BO393

2. Connect the front door open control link and front door locking control link to the front door inside handle.



WRE91-BO394

3. Install the front door lock assembly to the door panel and tighten the three attaching screws.
4. Install and tighten the attaching screw of the front door control motor assembly, (if so equipped).
5. Connect the connector of the front door control motor and clamp the connector to the door panel, (if so equipped).
6. Install the front door rear lower frame subassembly with the attaching bolt.

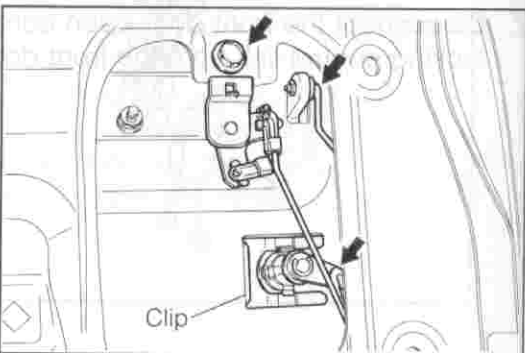


WRE91-BO395

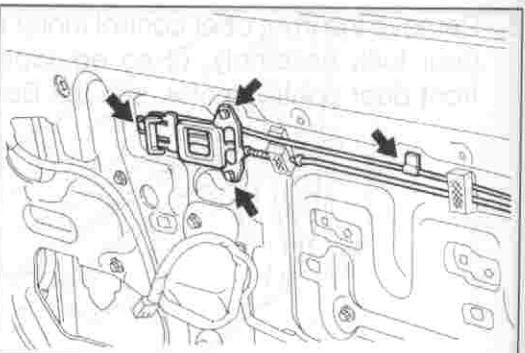
NOTE:

- Make sure that the front door glass run is not disengaged.

7. Install the front door locking control link assembly to the door panel.
8. Install the door lock cylinder to the door panel with the new lock cylinder pad interposed. Clamp the cylinder with the new clamp.
9. Connect the door lock control link to the door lock cylinder.
10. Install the front door outside handle subassembly to the door panel with the two attaching nuts.
11. Connect the door open control link to the front door outside handle subassembly.
12. Install the front door inside handle subassembly with the three attaching bolts temporarily. Connect the front door locking control link to the front door locking control link clamp.

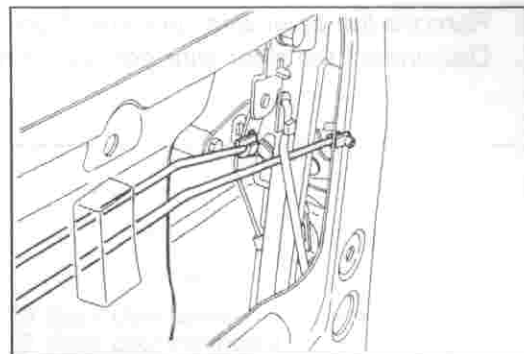


WRE91-BO396



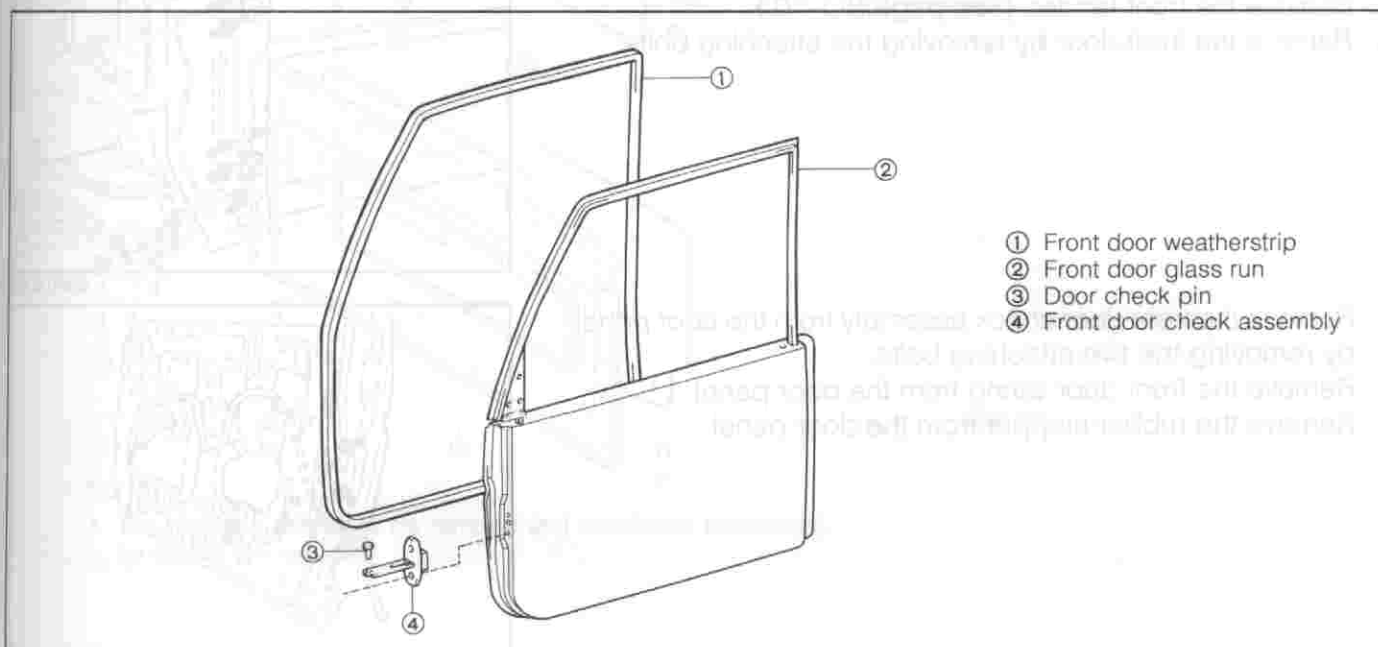
WRE91-BO397

13. Connect the front door locking control link and front door open control link to the front door lock assembly.
14. Tighten the attaching bolts of the front door inside handle assembly.
15. Install the service hole cover and door trim.
(See page BO-129.)



WRE91-BO398

FRONT DOOR COMPONENTS

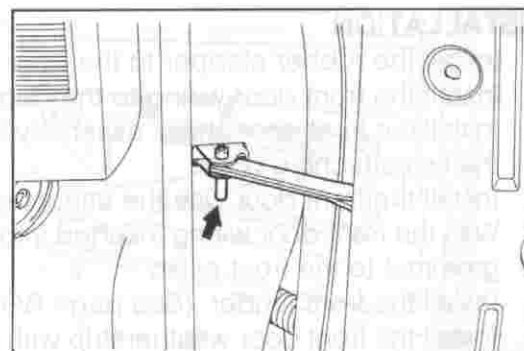


- ① Front door weatherstrip
- ② Front door glass run
- ③ Door check pin
- ④ Front door check assembly

WRE91-BO399

REMOVAL

1. Remove the door check pin.
2. Remove the rubber grommet from the front pillar. Disconnect the front door wiring connector from the cowl wire.

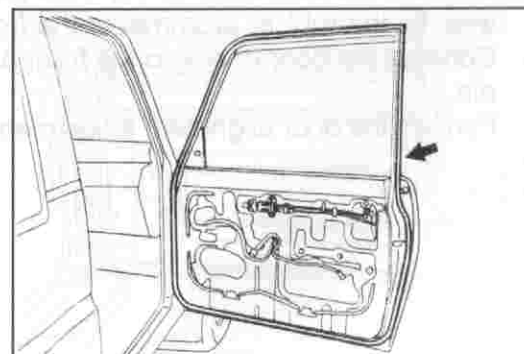


WRE91-BO400

3. Remove the front door weatherstrip.

NOTE:

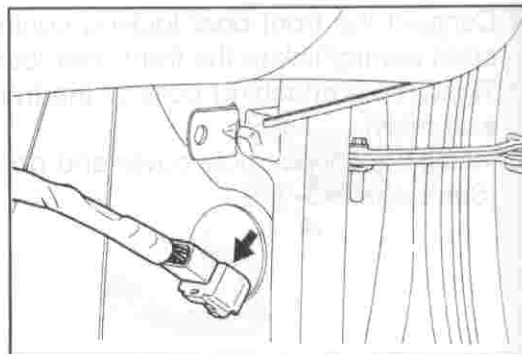
- Be sure to disconnect the weatherstrip clip from the door panel, using a screwdriver or the like.



WRE91-BO401

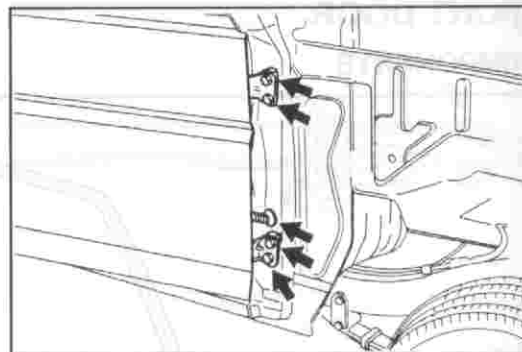
BODY

4. Remove the cowl wire grommet from the front pillar.
5. Disconnect the door wire connector from the cowl wire.



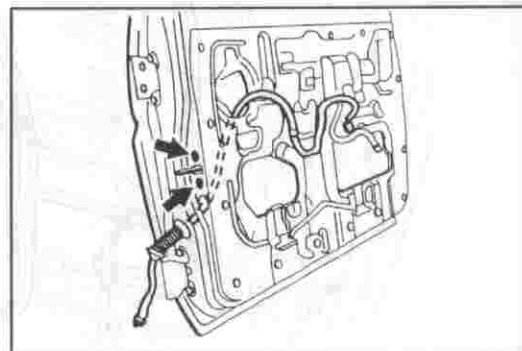
WRE91-BO402

6. Remove the rubber grommet of the front door wiring from the front pillar.
7. Remove the front fender. (See page BO-70.)
8. Remove the front door by removing the attaching bolts.



WRE91-BO403

9. Remove the front door check assembly from the door panel by removing the two attaching bolts.
10. Remove the front door wiring from the door panel.
11. Remove the rubber stopper from the door panel.



WRE91-BO404

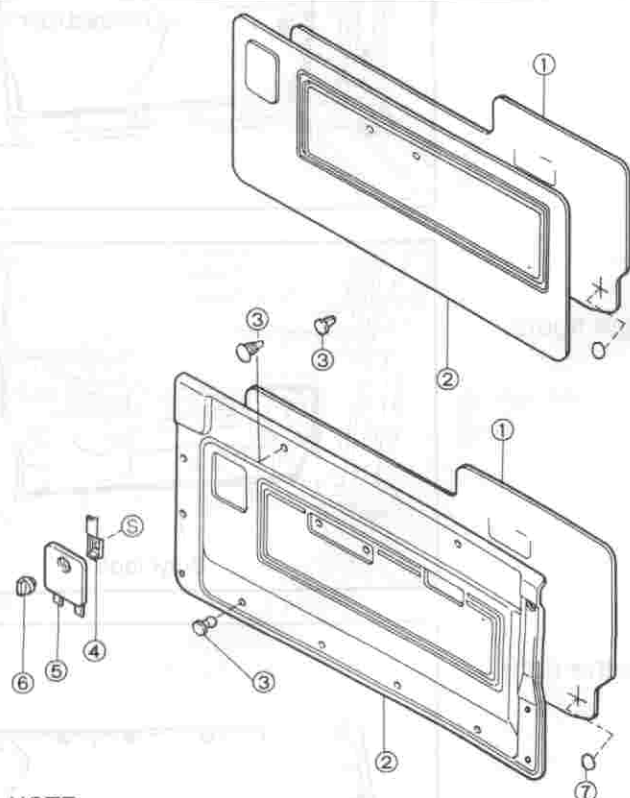
INSTALLATION

1. Install the rubber stopper to the door panel.
2. Install the front door wiring to the door panel.
3. Install the front door check assembly to the door panel with the two attaching bolts.
4. Install the front door with the attaching bolts.
5. With the front door wiring inserted into the front pillar, fit the grommet to the front pillar.
6. Install the front fender. (See page BO-71.)
7. Install the front door weatherstrip with the weatherstrip clip.
8. Connect the connector of the front door wiring to the cowl wire. Fit the rubber grommet to the front pillar.
9. Connect the door check to the front pillar. Insert the check pin.
10. Perform the door alignment adjustment. (See page BO-59.)

WRE91-BO405

BACK DOOR

DOOR TRIM AND SERVICE HOLE COVER COMPONENTS



- ① Back door service hole cover
- ② Back door trim board
- ③ Clip
- ④ Washer tank cover stopper
- ⑤ Back door service hole cover
- ⑥ Washer tank cover knob
- ⑦ Hole cover

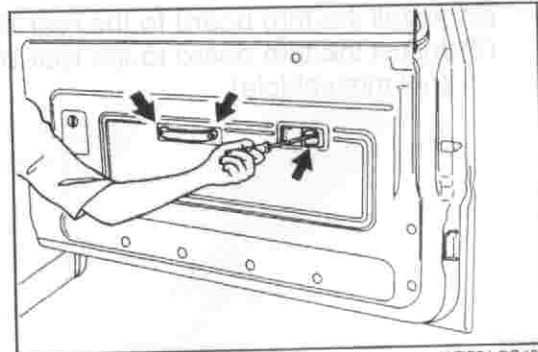
NOTE:

- The following describes the removal and installation procedures for the full-trim vehicles.

WRE91-BO406

REMOVAL

1. Remove the attaching screw of the back door inside handle bezel.
2. Remove the assist grip by removing the two attaching screws, (if so equipped).
3. Remove the back door inside handle bezel, (if so equipped).

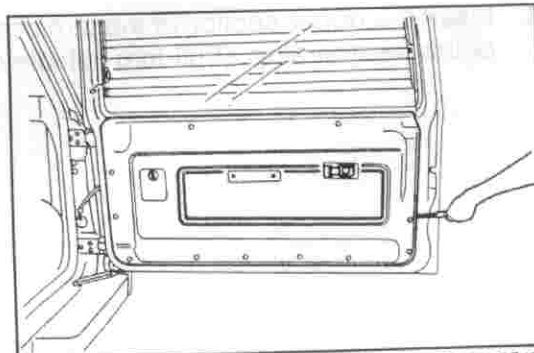


WRE91-BO407

4. Removal of trim board
Disconnect the clips from the door by inserting a screwdriver or the like into the clip connecting section of the trim board.

NOTE:

- Be very careful not to damage the paint finish surface and trim board.
- On the full-trim vehicles, care must be exercised not to damage the trim board, for the upper section of the trim board is inserted into the lower side of the weatherstrip.



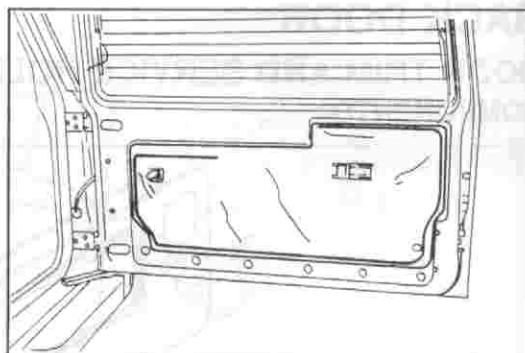
WRE91-BO408

BODY

5. Remove the back door service hole cover.

NOTE:

- Be very careful not to tear off the service hole cover. Failure to observe this caution may cause ingress of water.

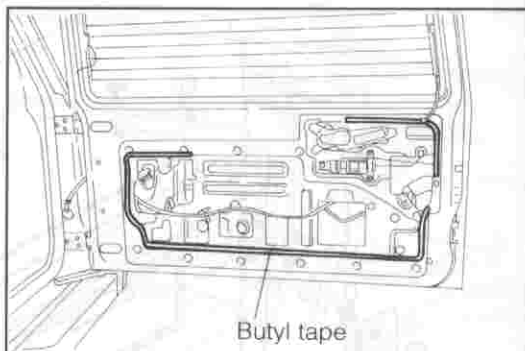


WRE91-BO409

INSTALLATION

1. Installation of service hole cover

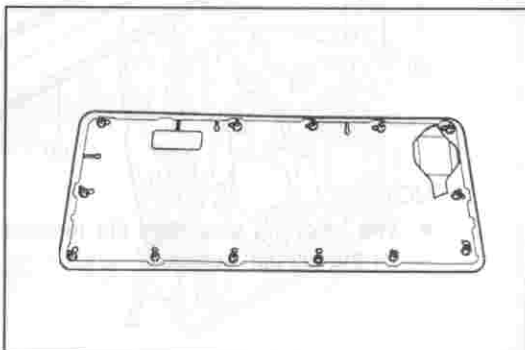
- (1) Affix butyl tape to the door, as shown in the right figure.
- (2) Affix the service hole cover.



WRE91-BO410

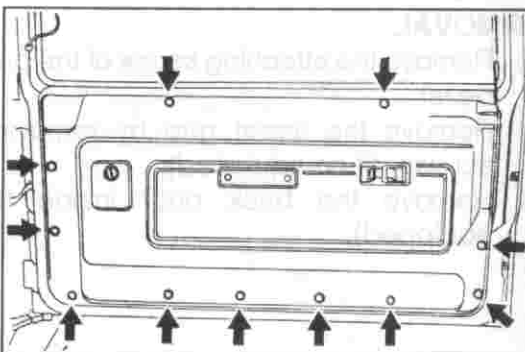
2. Installation of trim board

- (1) Install the clips to the trim board, as shown in the right figure.
(Except for full-trim vehicle)



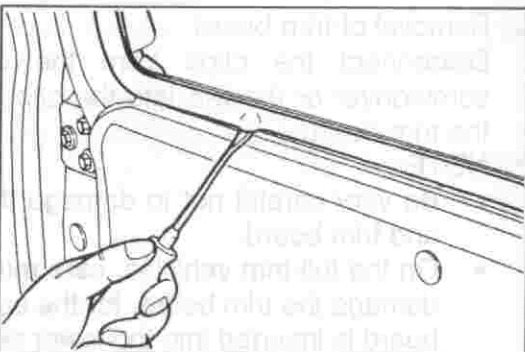
WRE91-BO411

- (2) Install the trim board to the rear door.
- (3) Install the trim board to the rear door with the clip.
(full-trim vehicle)



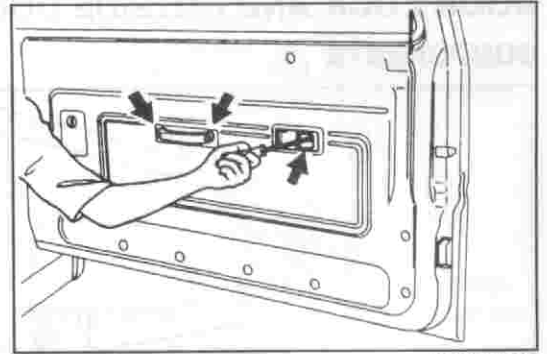
WRE91-BO412

4. Insert the upper section of the trim board into the lower side of the weatherstrip. (Full-trim vehicle only)



WRE91-BO413

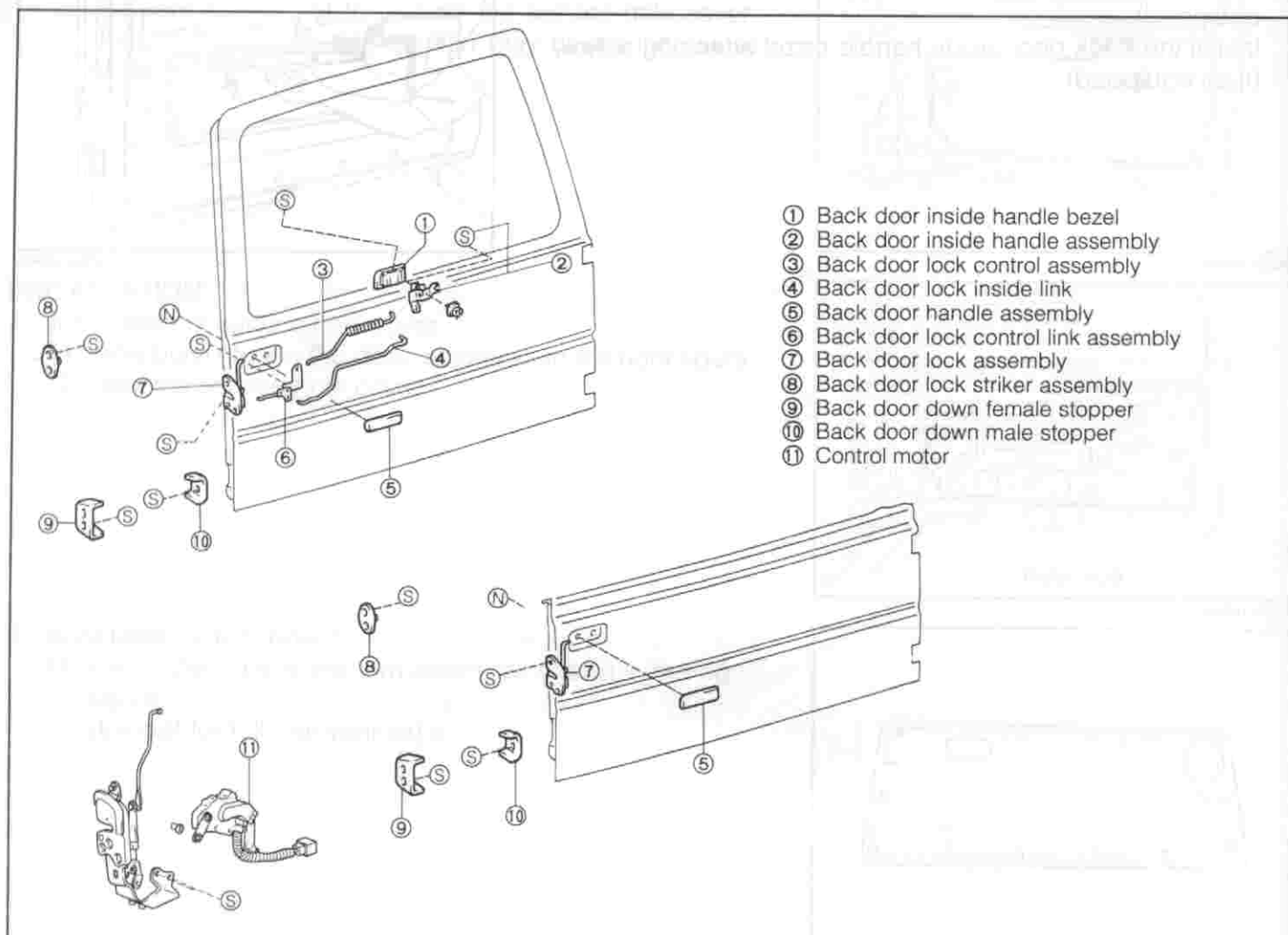
5. Install the back door inside handle bezel, (if so equipped).
6. Install the assist grip with the two attaching screws, (if so equipped).
7. Install the back door inside handle bezel attaching screw, (if so equipped).



WRE91-BO414

BODY

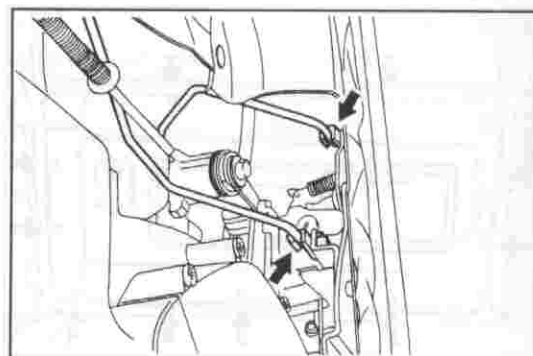
DOOR LOCK AND OUTSIDE DOOR HANDLE COMPONENTS



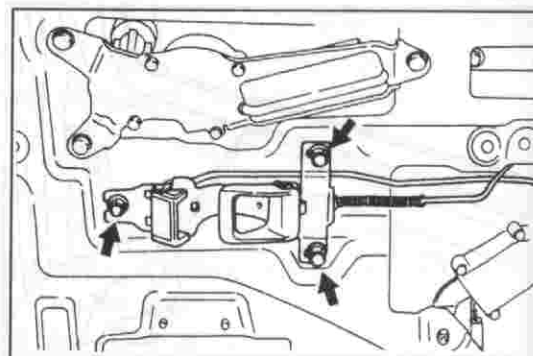
WRE91-BO415

REMOVAL

1. Remove the door trim and service hole cover.
(See page BO-137.)
2. Disconnect the back door lock control link and back door lock link from the back door lock assembly.
3. Remove the back door inside handle assembly by removing the three attaching bolts.

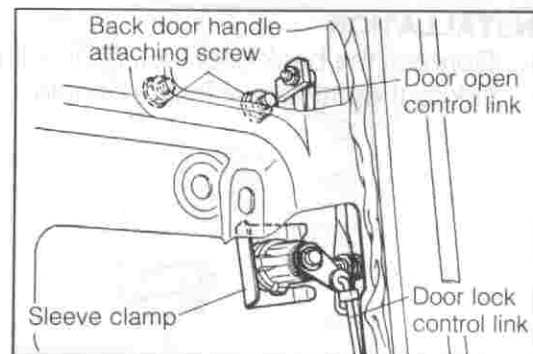


WRE91-BO416



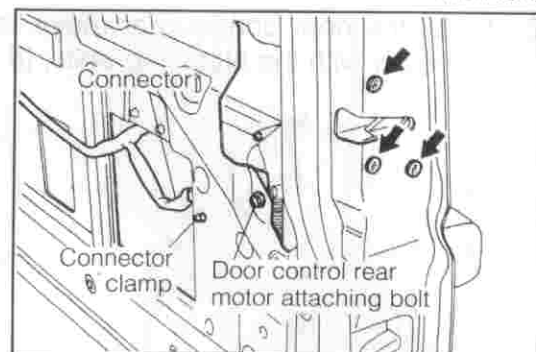
WRE91-BO417

4. Disconnect the back door open control link from the back door handle assembly.
5. Remove the back door handle assembly by removing the two attaching nuts.
6. Disconnect the back door lock control link from the back door lock cylinder.
7. Remove the back door lock cylinder by removing the door lock cylinder and sleeve clamp.



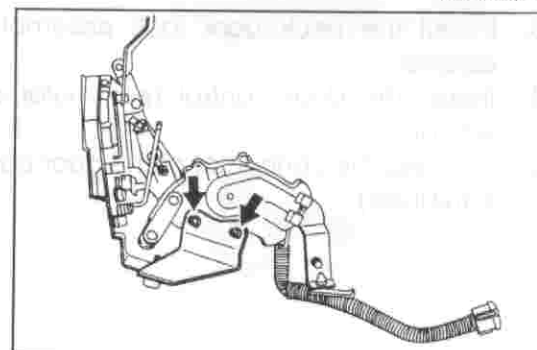
WRE91-BO418

8. Disconnect the connector of the door control rear motor. Disconnect the clamp from the door panel.
9. Remove the door control rear motor attaching bolt, (if so equipped).
10. Remove the back door lock assembly by removing the attaching screws.



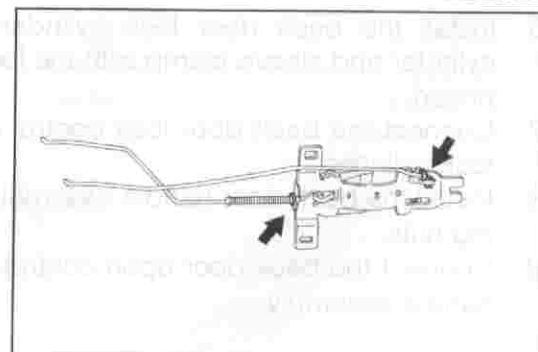
WRE91-BO419

11. Remove the door control rear motor from the back door lock assembly, (if so equipped), by removing the attaching bolts.



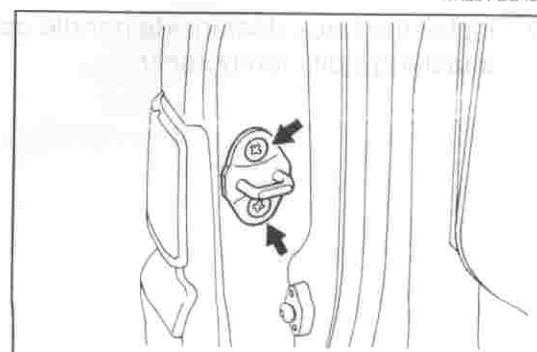
WRE91-BO420

12. Remove the back door lock control link and back door lock link from the back door inside handle assembly.



WRE91-BO421

13. Remove the back door lock striker, as required.

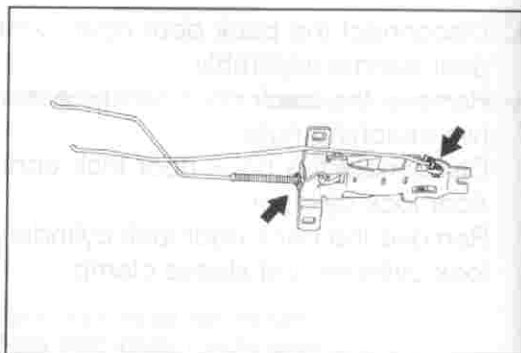


WRE91-BO422

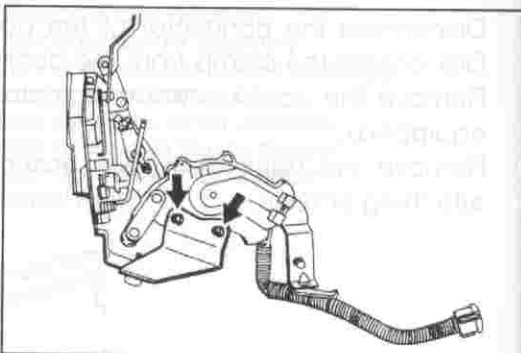
BODY

INSTALLATION

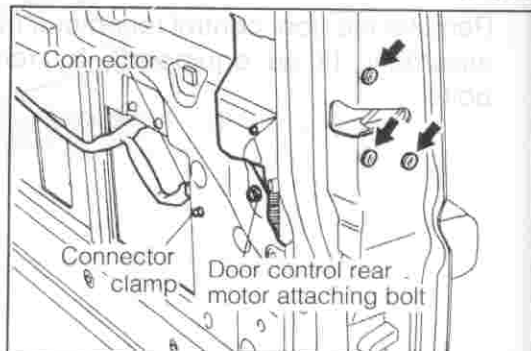
1. Connect the back door lock control link and back door lock link to the back door inside handle.
2. Install the door control rear motor to the back door lock assembly with the attaching bolts, (if so equipped).
3. Install the back door lock assembly with the attaching screws.
4. Install the door control rear motor attaching bolt, (if so equipped).
5. Connect the connector of the door control rear motor, (if so equipped).
6. Install the back door lock cylinder with the door lock cylinder and sleeve clamp with the lock cylinder pad interposed.
7. Connect the back door lock control link to the back door lock cylinder.
8. Install the back door handle assembly with the two attaching nuts.
9. Connect the back door open control link to the back door handle assembly.
10. Install the back door inside handle assembly with the three attaching bolts temporarily.



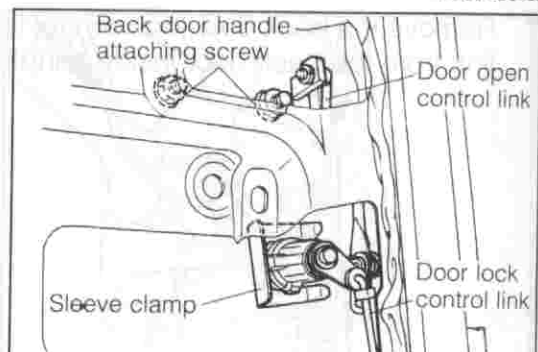
WRE91-BO423



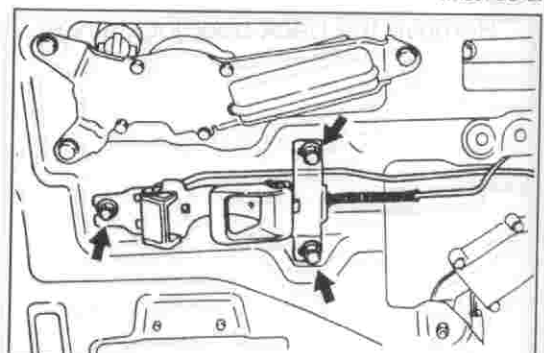
WRE91-BO424



WRE91-BO425

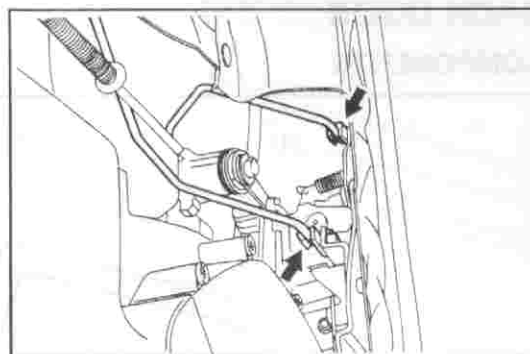


WRE91-BO426



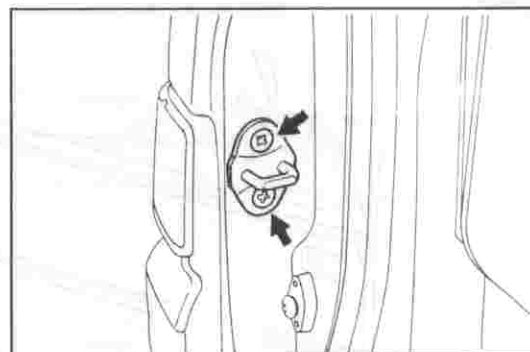
WRE91-BO427

11. Connect the back door lock control link and back door link to the back door lock assembly.
12. Tighten the back door inside handle attaching bolts.
13. Install the door trim and service hole cover.
(See page BO-138.)



WRE91-BO428

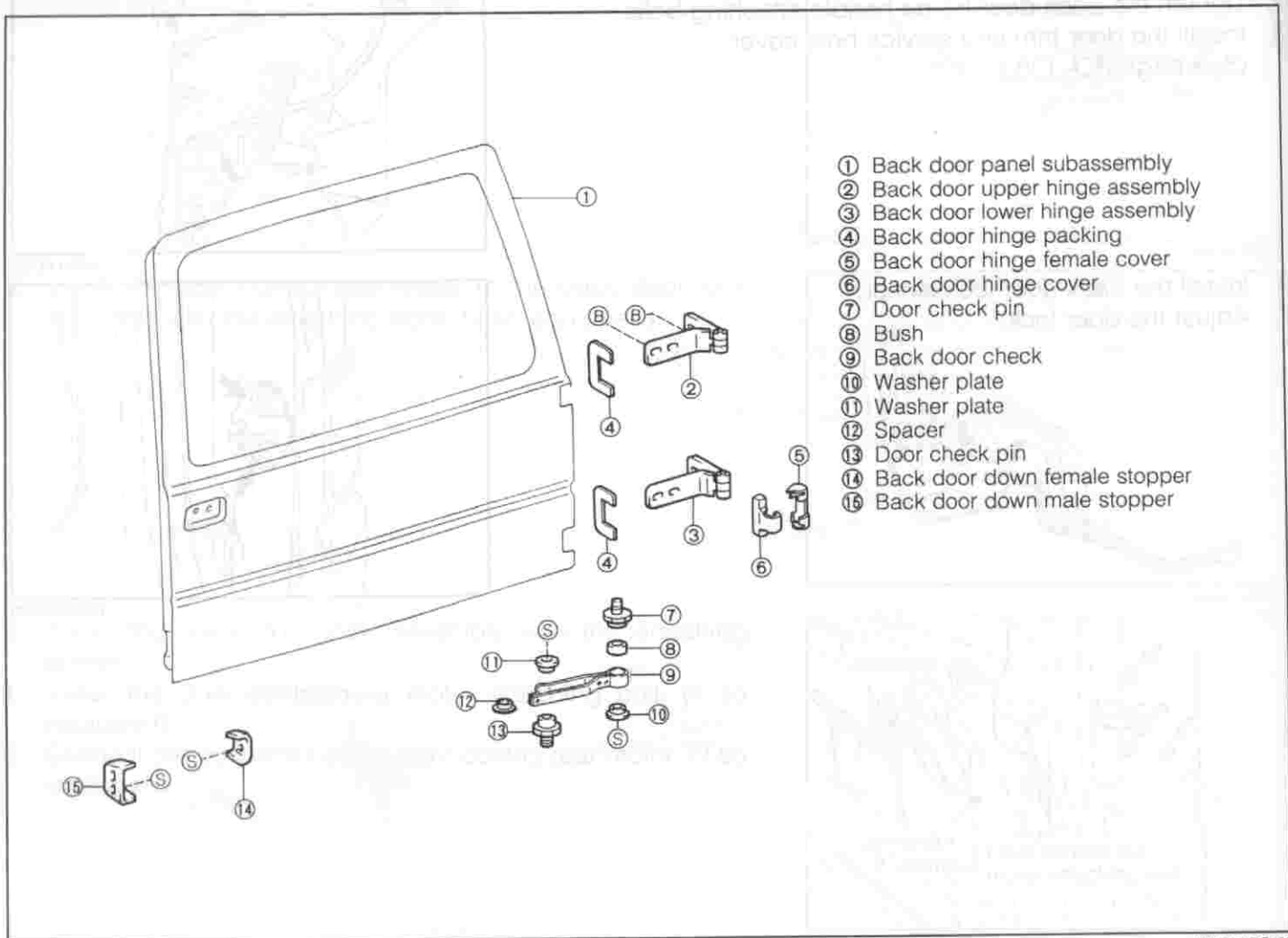
14. Install the back door lock striker.
15. Adjust the door lock.



WRE91-BO429

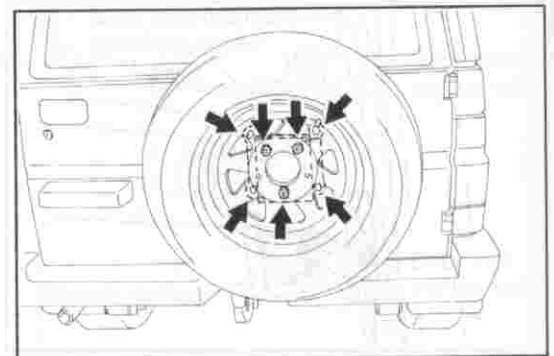
BODY

BACK DOOR COMPONENTS

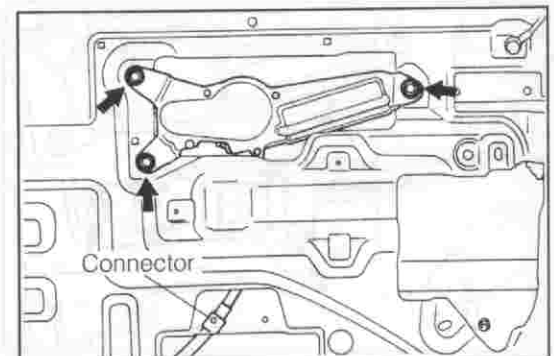


WRE91-BO430

1. Remove the spare tire and spare wheel carrier.
2. Remove the wiper arm and blade, (if so equipped). (For details, see the Body Electrical section.)
3. Remove the back door glass.
(See page BO-119.)
4. Remove the trim and service hole cover.
(See page BO-137.)
5. Remove the door lock and outside door handle.
(See page BO-140.)
6. Removal of rear wiper motor assembly
(For details, see the Body Electrical section.)
 - (1) Disconnect the connector.
 - (2) Remove the rear wiper motor assembly by removing the three attaching bolts and nuts.



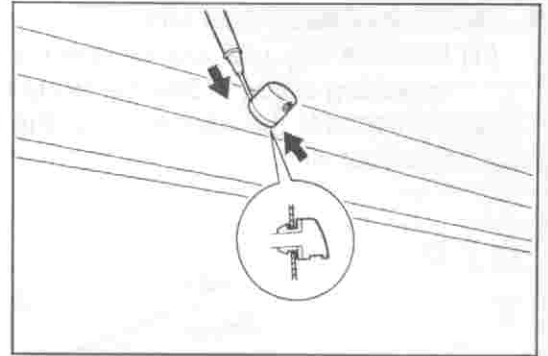
WRE91-BO431



WRE91-BO432

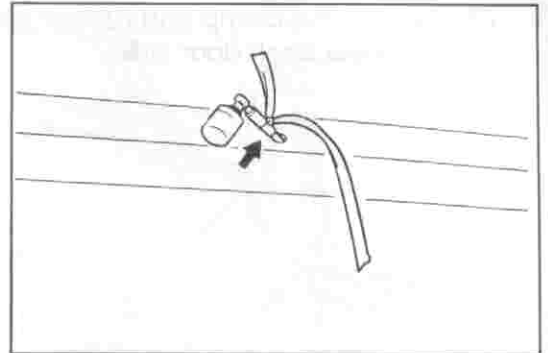
7. Removal of rear window washer-related parts

- (1) Release the lock of the washer nozzle with a small screwdriver or the like. Remove the washer nozzle from the back door.



WRE91-BO433

- (2) Tie a string to the washer hose.
- (3) Remove the washer nozzle from the hose.



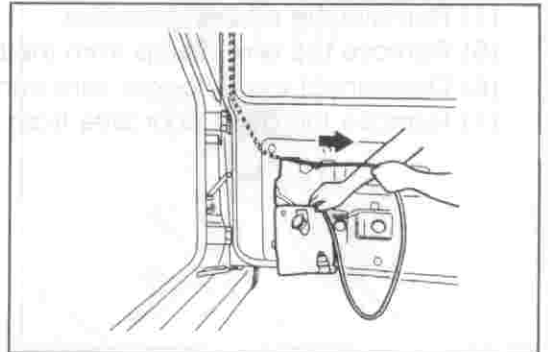
WRE91-BO434

- (4) Disconnect the connector of the rear washer jar.
- (5) Pull out the rear washer hose, until the string tied to the forward end of the rear washer hose appears.
- (6) Untie the string from the washer hose.

NOTE:

- Leave the string at the door panel side.

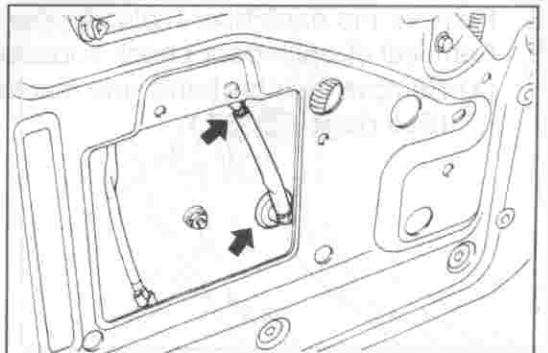
- (7) Remove the rear washer jar from the back door panel.



WRE91-BO435

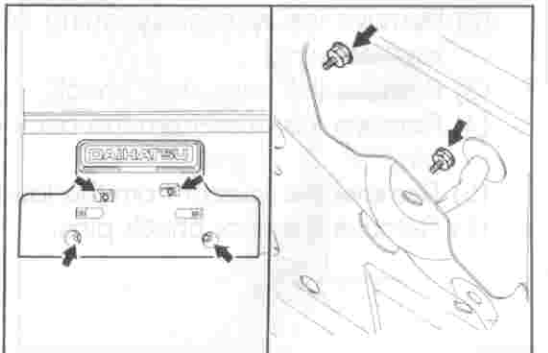
8. Removal of rear license plate lamp

- (1) Disconnect the rear license plate lamp connector.
- (2) Disconnect the rubber grommet to the outside. (ECE & EEC specifications equipped vehicle only)



WRE91-BO436

- (3) Remove the license plate lamp assembly or license plate lamp assembly with the license plate lamp bracket.



WRE91-BO437

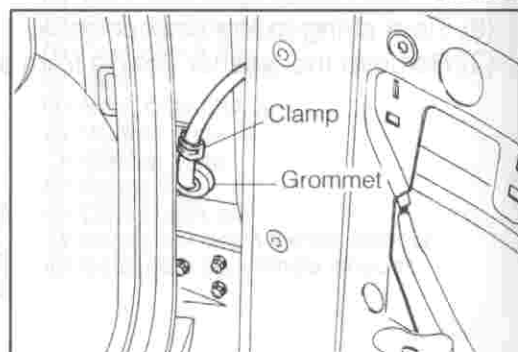
9. Removal of back door wire

- (1) Remove the rear combination lamp by removing the attaching screw. (See the Body Electrical section.)
- (2) Disconnect the connector of the back door wire from the floor wire.



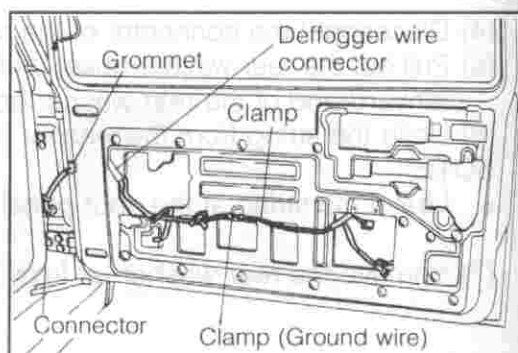
WRE91-B0438

- (3) Remove the clamp and rubber grommet and pull them out to the back door side.



WRE91-B0439

- (4) Remove the rubber grommet.
- (5) Remove the wire clamp from the back door panel.
- (6) Disconnect the defogger wire connector.
- (7) Remove the back door wire from the back door panel.

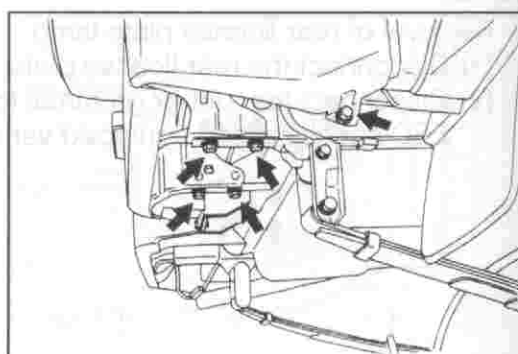


WRE91-B0440

8. Remove the back door male stopper.

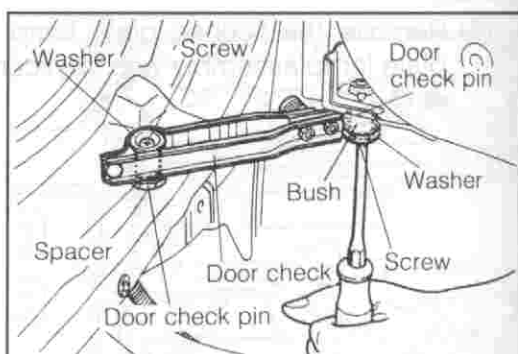
9. Removal of back door check subassembly

- (1) Remove the right hand side rear bumper, (if necessary). (See page BO-67.)



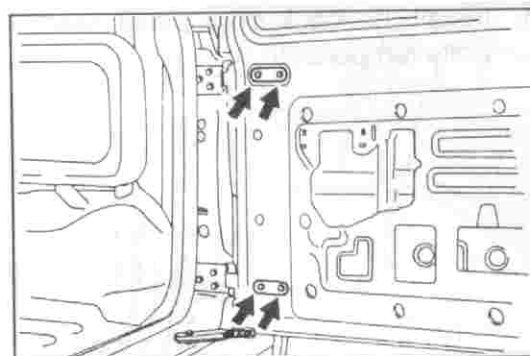
WRE91-B0441

- (2) Remove the washer attaching screws and remove the washer.
- (3) Remove the back door check.
- (4) Remove the bush from the back door side door check pin.
- (5) Remove the spacer from the lower back panel side.
- (6) Remove the door check pins.



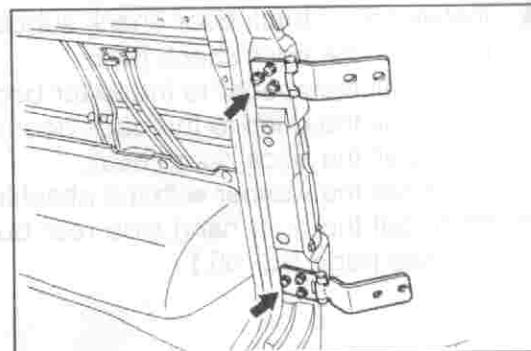
WRE91-B0442

10. Remove the hole plugs.
11. Remove the back door panel assembly by removing the attaching bolts.



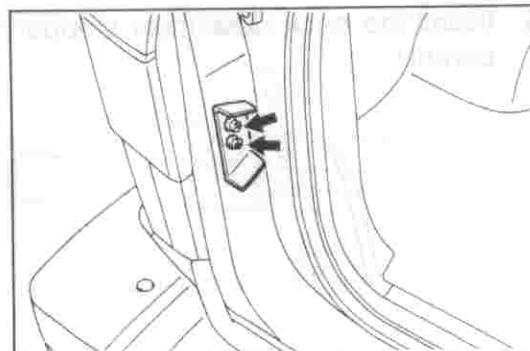
WRE91-BO443

12. Remove the back door hinges by removing the attaching bolts.



WRE91-BO444

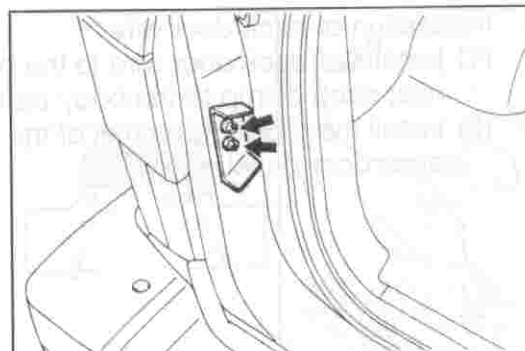
13. Remove the back door down female stopper.



WRE91-BO445

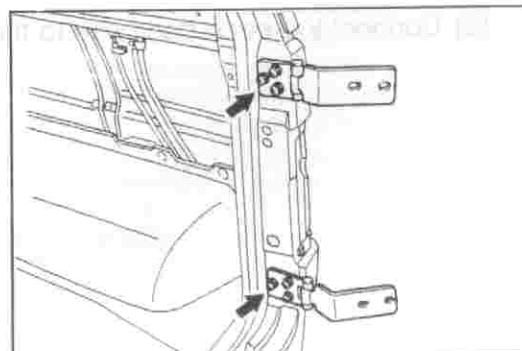
INSTALLATION

1. Install the back door down female stopper temporarily.



WRE91-BO446

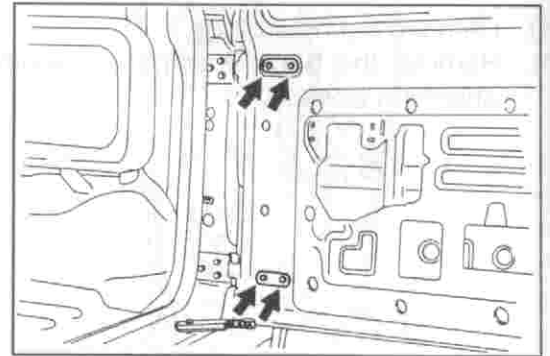
2. Install the back door hinges with the attaching screws temporarily.



WRE91-BO447

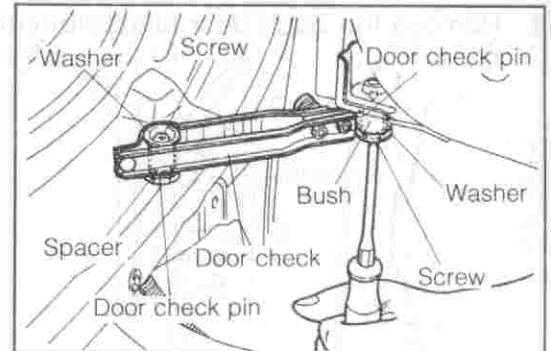
BODY

3. Install the back door panel assembly with the attaching bolts temporarily.



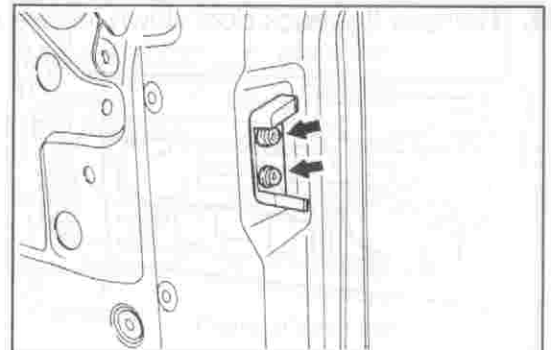
WRE91-BO448

4. Installation of back door check subassembly
 - (1) Install the door check pins.
 - (2) Install the spacer to the lower back panel side.
 - (3) Install the bush to the back door side door check pin.
 - (4) Install the back door check.
 - (5) Install the washer with the attaching screw.
 - (6) Install the right hand side rear bumper, (if necessary).
(See page BO-68.)



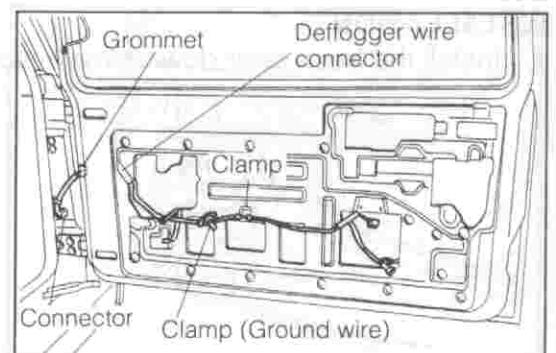
WRE91-BO449

5. Install the back door male stopper with the screws temporarily.



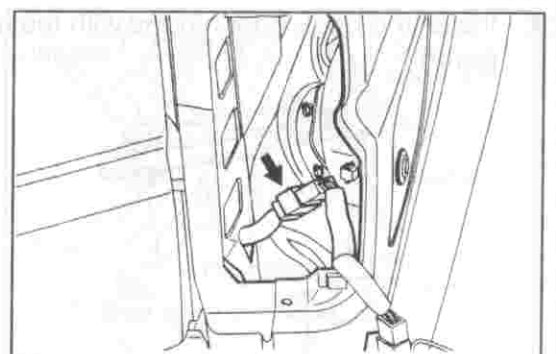
WRE91-BO450

6. Installation of back door wire
 - (1) Install the back door wire to the back door panel. Connect each clamp to the body panel.
 - (2) Install the rubber grommet of the back door wire to the back door panel.



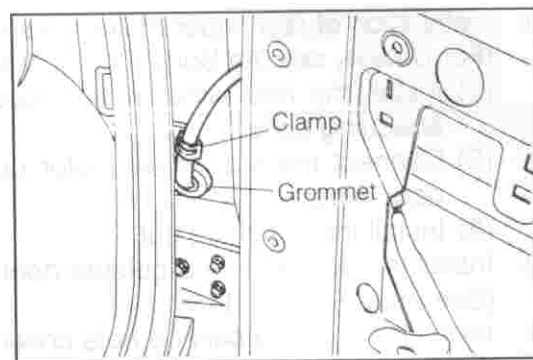
WRE91-BO451

- (3) Connect the back door wire to the floor wire.



WRE91-BO452

- (4) Fit the rubber grommet to the side panel. Clamp the wire with the wire clamp.
- (5) Install the rear combination lamp with attaching screws.
(See the Body Electrical section.)

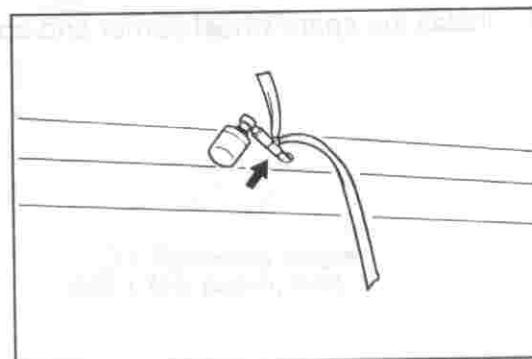


WRE91-BO453

7. Installation of rear window washer-related parts
 - (1) Insert a suitable string through the washer nozzle hole, until it reaches around washer jar.
 - (2) Install the rear washer jar to the back door panel with the hooks.
 - (3) Connect the washer pump connector.

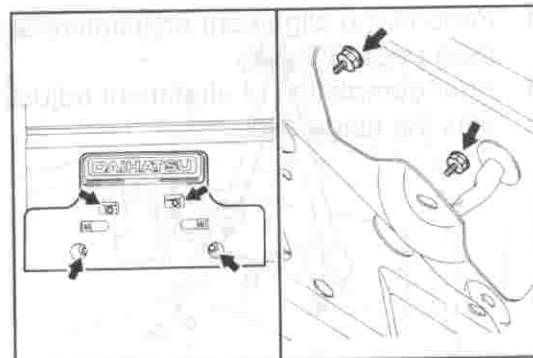
WRE91-BO454

- (4) Tie the string to the washer hose.
- (5) Pull the string from the washer nozzle attaching hole to pull out the washer hose.
- (6) Connect the washer hose to the washer nozzle and push it to the back door panel installing section. Lock the lock section.



WRE91-BO455

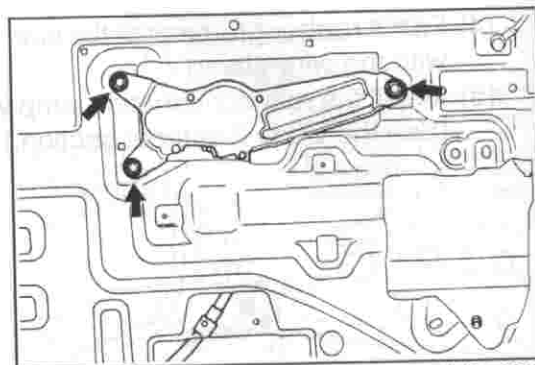
8. Installation of rear license plate lamp
 - (1) Install the license plate lamp assembly or the license plate lamp assembly with license plate lamp bracket to the back door panel.
 - (2) Connect the grommet of the license plate lamp to the back door panel.
 - (3) Connect the rear license plate connector.



WRE91-BO456

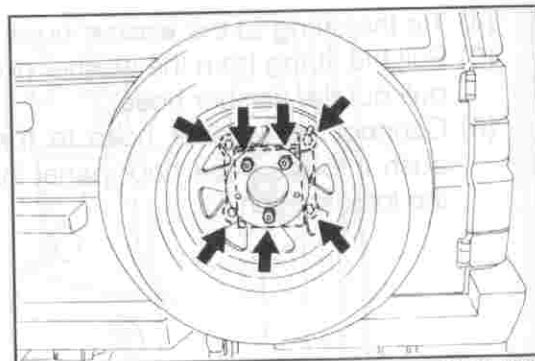
BODY

9. Installation of rear wiper motor assembly
(For details, see the Body Electrical section.)
 - (1) Install the rear wiper motor assembly with the three attaching bolts.
 - (2) Connect the rear wiper motor connector to the back door wiper.
 - (3) Install the attaching nut.
10. Install the door lock and outside door handle.
(See page BO-142.)
11. Install the trim and service hole cover.
(See page BO-137.)
12. Install the back door glass.
(See page BO-120.)
13. Install the wiper arm and blade.
(See the Body Electrical section.)



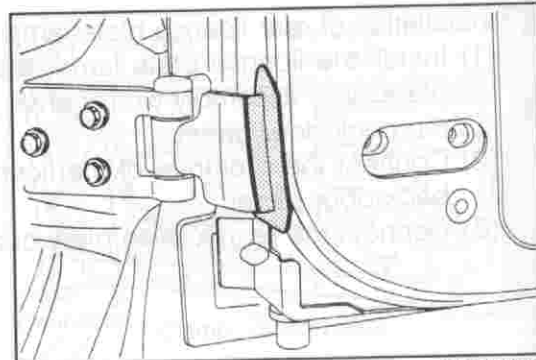
WRE91-BO457

14. Install the spare wheel carrier and spare tire.



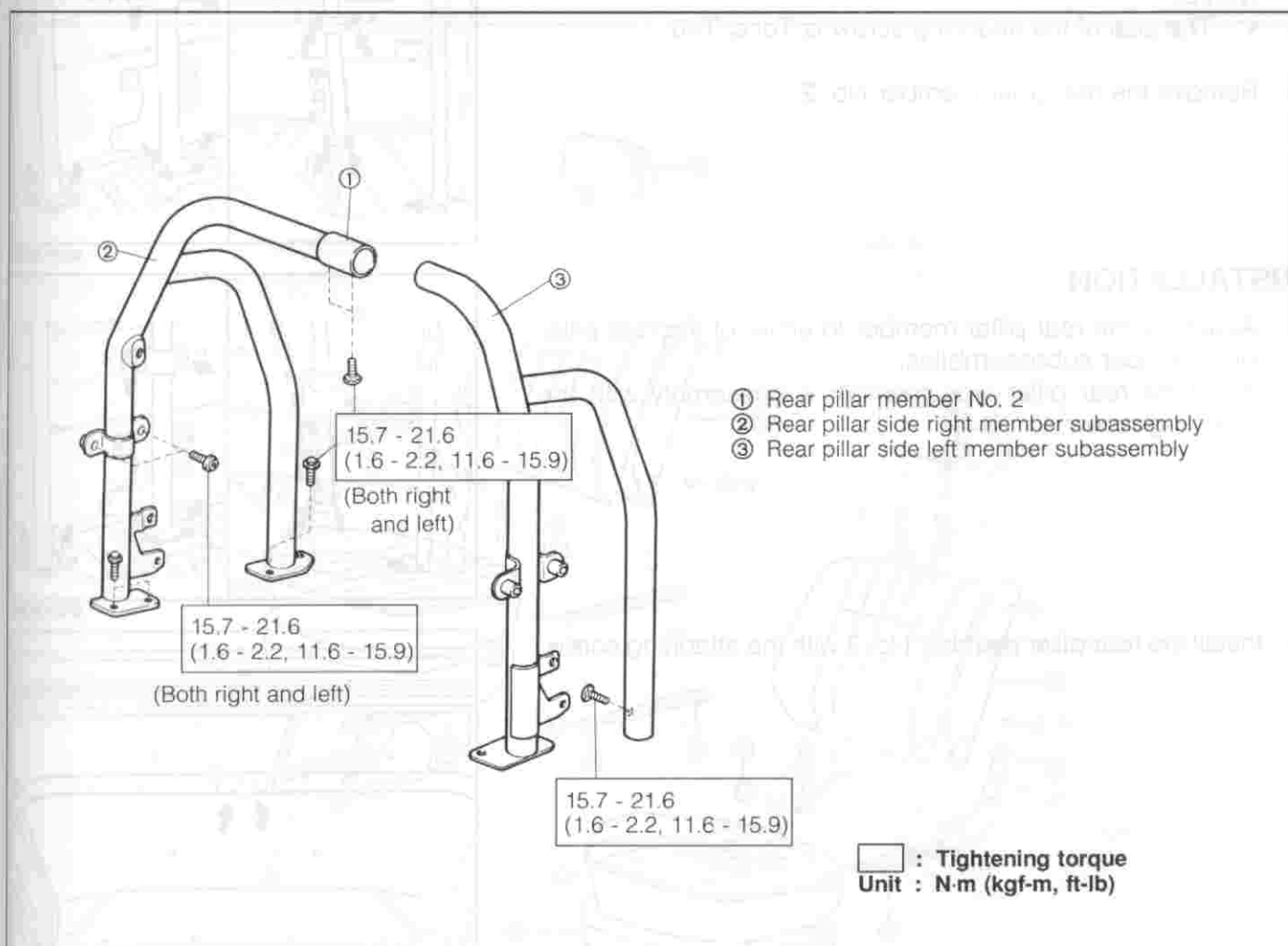
WRE91-BO458

15. Perform the alignment adjustment of the rear door.
(See page BO-59.)
16. After completion of alignment adjustment of the rear door,
affix the hinge seal.



WRE91-BO459

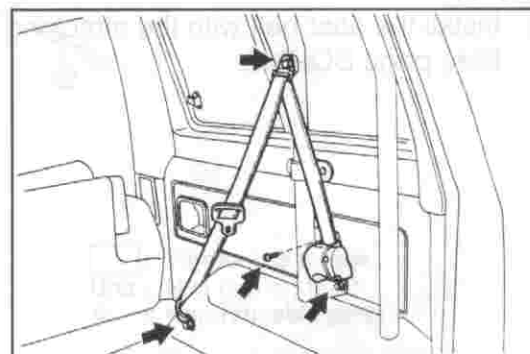
REAR PILLAR MEMBER COMPONENTS



WRE91-BO460

REMOVAL

1. Remove the seat belt by removing the attaching bolts and screws. (See page BO-169.)

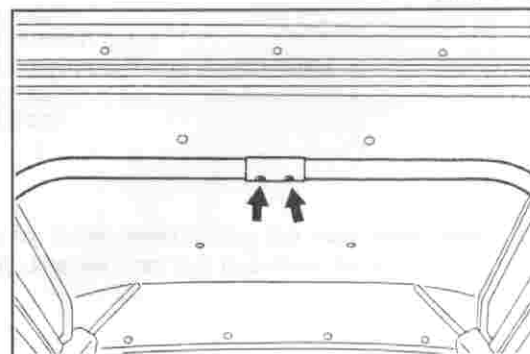


WRE91-BO461

2. Remove the rear pillar member No. 2 attaching screws. Move the rear pillar member to either of the rear pillar side members.

NOTE:

- The size of the attaching screw is Torx® T40.



WRE91-BO462

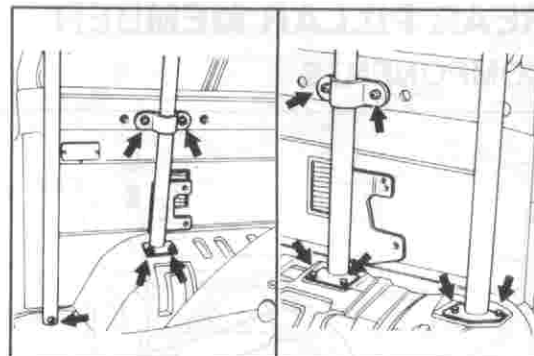
BODY

3. Remove the attaching screws of the rear pillar side member.

NOTE:

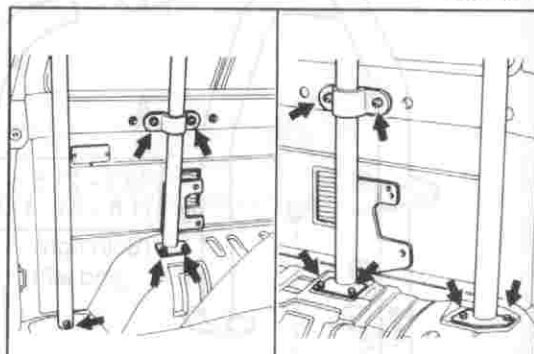
- The size of the attaching screw is Torx® T40.

4. Remove the rear pillar member No. 2.

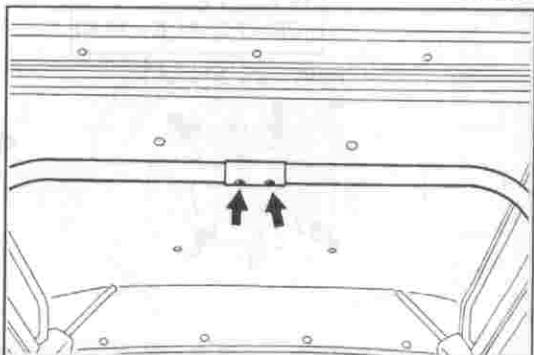


INSTALLATION

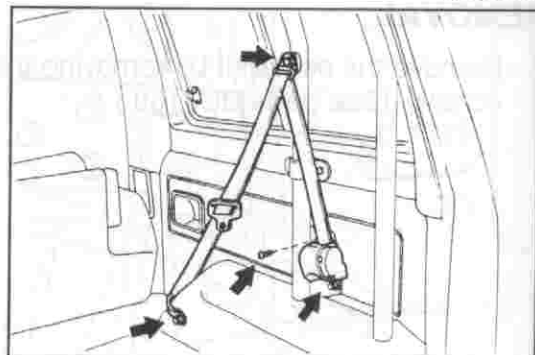
1. Assemble the rear pillar member to either of the rear pillar side member subassemblies.
2. Install the rear pillar side member subassembly with the attaching screw.



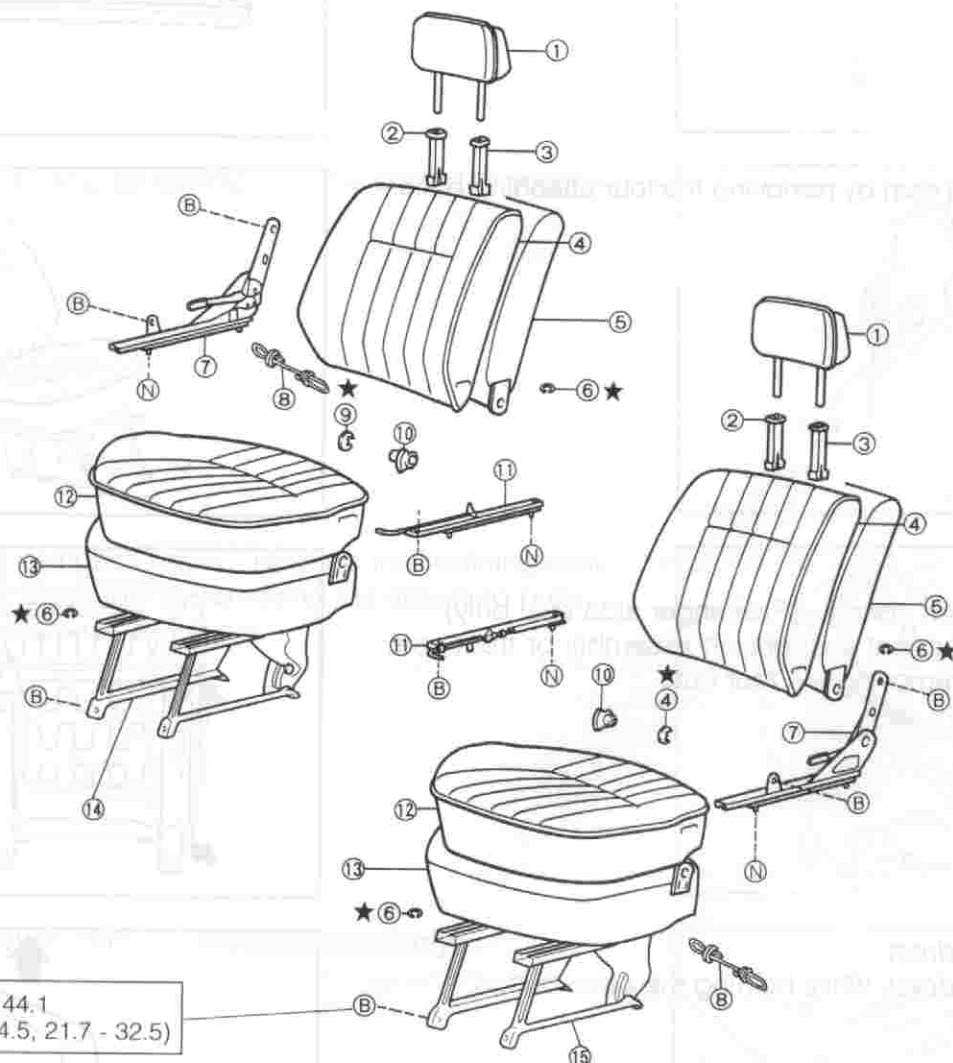
3. Install the rear pillar member No. 2 with the attaching screw.



4. Install the seat belt with the attaching bolts and screws.
(See page BO-70.)



FRONT SEAT COMPONENTS



- ① Front seat headrest assembly
- ② Seat headrest support
- ③ Seat headrest support assembly
- ④ Front seat back cover
- ⑤ Front seat back cushion & frame
- ⑥ Hook small ring
- ⑦ Reclining seatback adjuster assembly
- ⑧ Seat track equalizing wire subassembly

- ⑨ "E" ring
- ⑩ Bush
- ⑪ Front seat track
- ⑫ Front seat cushion cover
- ⑬ Front seat cushion & frame
- ⑭ Front seat track
- ⑮ Front seat track

□ : Tightening torque
Unit : N·m (kgf-m, ft-lb)
★ : Non-reusable parts

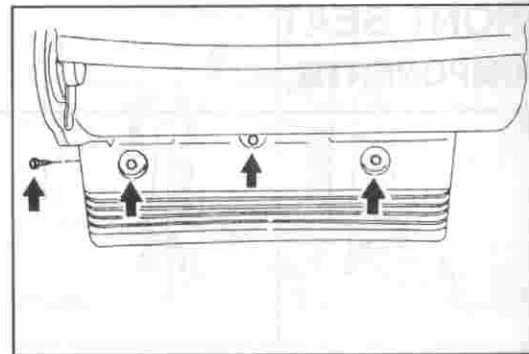
NOTE:

- The following describes the disassembling and assembling procedures for those seats having the most basic seat construction. There are instances where the seat construction is partially different from that described here.

BODY

REMOVAL

1. Remove the front seat suspension cover by removing the attaching screws, (if so equipped).



WRE91-BO468

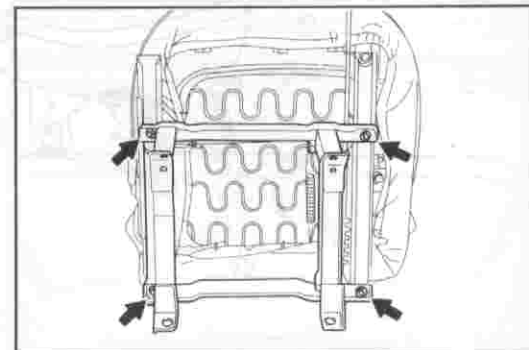
2. Remove the front seat by removing the four attaching bolts.



WRE91-BO469

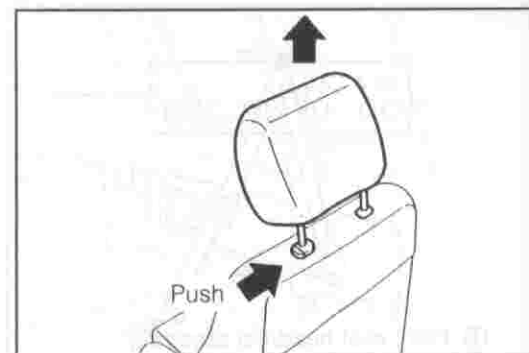
DISASSEMBLY

1. Remove the return spring. (Passenger side seat only)
2. Remove the front seat suspension assembly or front seat cushion leg by removing the four nuts.



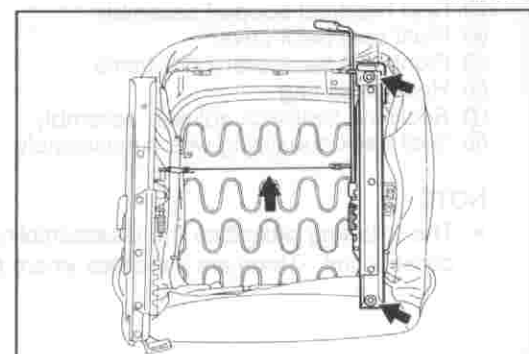
WRE91-BO470

3. Removal of headrest
Pull out the headrest, while holding the push button.



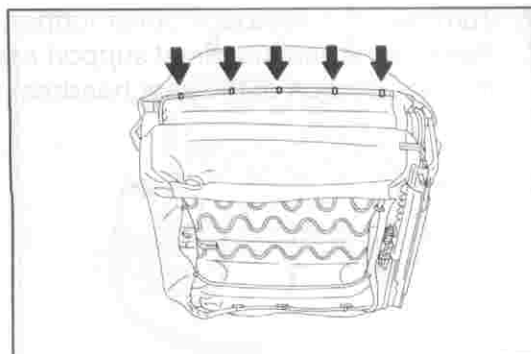
WRE91-BO471

4. Remove the front seat inner track assembly by removing the two attaching bolts.
5. Remove the seat track equalizing wire.



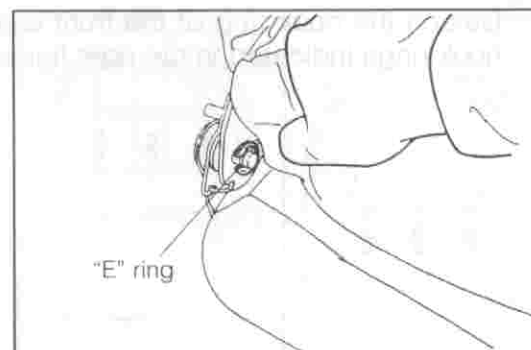
WRE91-BO472

6. Detach the hook rings of the front seatback cover, as shown in the right figure.



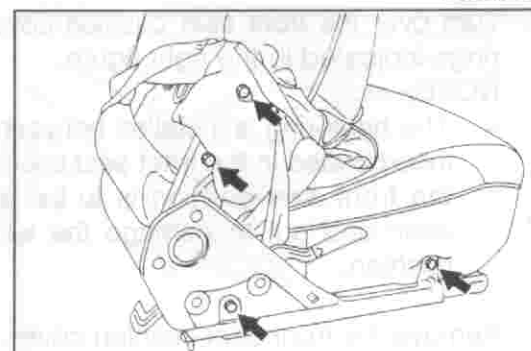
WRE91-BO473

7. Remove the "E" ring by turning over the seatback cover.



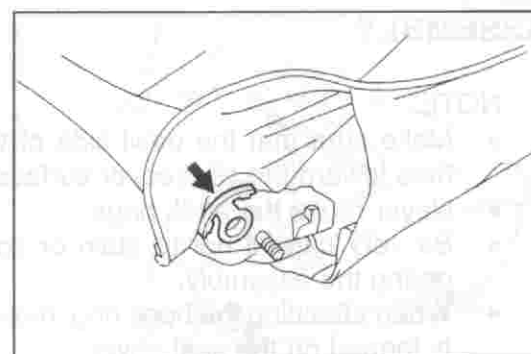
WRE91-BO474

8. Turn over the seatback cover. Remove the reclining seatback adjuster assembly by removing the attaching bolts.
9. Remove the seatback assembly.



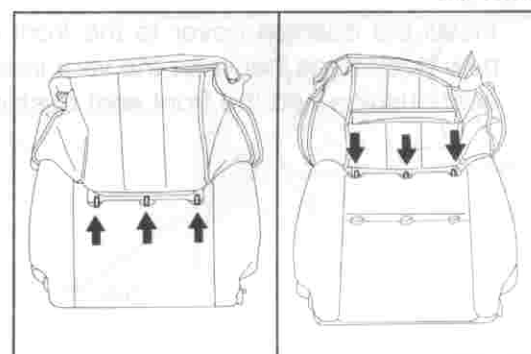
WRE91-BO475

10. Remove the bush from the seatback assembly.



WRE91-BO476

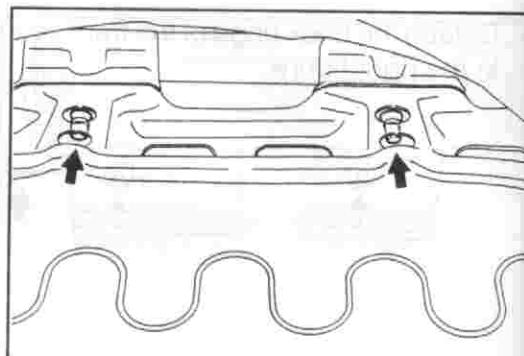
11. Turn over the seatback cover. Detach the three hook rings.
12. Turn over the seatback cover further. Detach the three hook rings.



WRE91-BO477

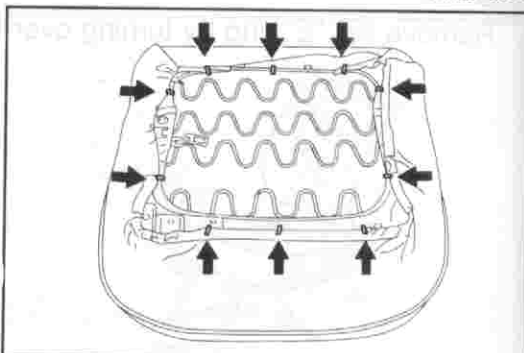
BODY

13. Turn over the seatback cover further.
14. Remove the seat headrest support assemblies by releasing the lock section of the seat headrest support assembly.



WRE91-BO478

15. Detach the hook ring of the front seat cushion cover and hook rings indicated in the right figure.



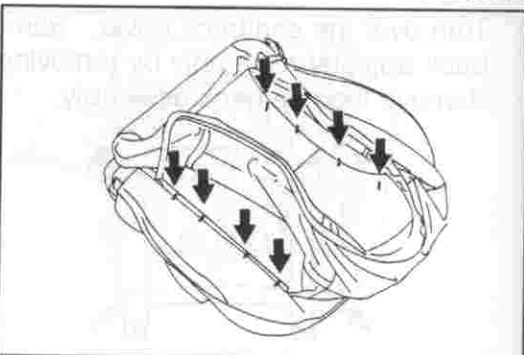
WRE91-BO479

16. Turn over the front seat cushion cover. Detach the hook rings indicated in the right figure.

NOTE:

- The hook ring is installed between the wires which are incorporated in the front seat cushion. Therefore, when the front seat cushion is to be reused, care must be exercised not to damage the wires of the front seat cushion.

17. Remove the front seat cushion cover.



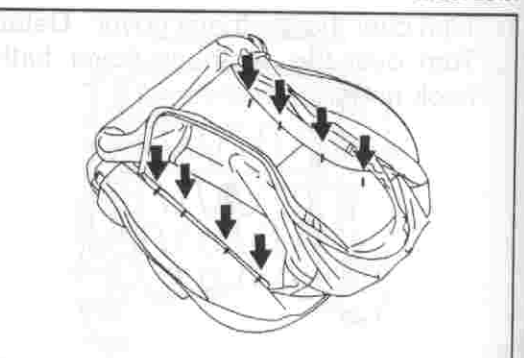
WRE91-BO480

ASSEMBLY

NOTE:

- Make sure that the pawl side of the hook ring will not face toward the seat cover surface.
- Never reuse the hook rings.
- Be very careful not to stain or scratch the seat cover during the assembly.
- When attaching the hook ring, make sure that no wrinkle is formed on the seat cover.

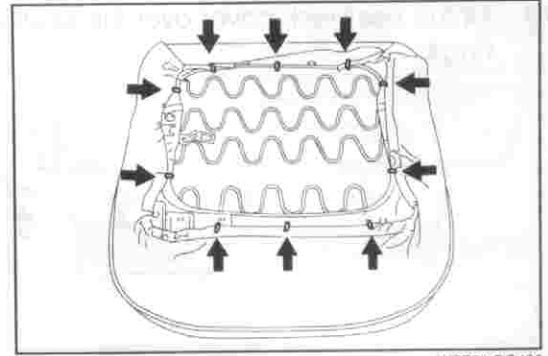
1. Install the cushion cover to the front seat cushion. Install new hook rings between the wire incorporated in the front seat cushion and the front seat cushion cover.



WRE91-BO481

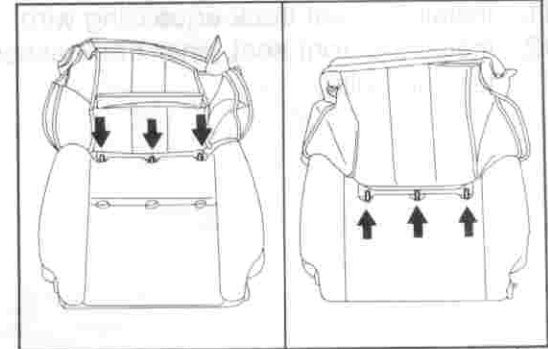
WRE91-BO482

2. Assemble the front seat cushion cover to the front cushion. Install the hook rings indicated in the right figure.



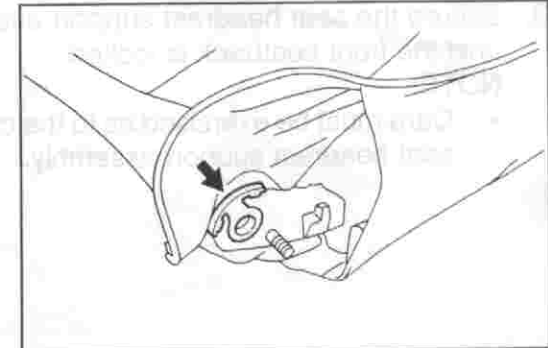
WRE91-BO483

3. Fit the seatback cover over the seatback. Install new hook rings between the seatback cover and the spring.
4. Fit the seat cover further. Install new hook rings between the seatback cover and the spring.



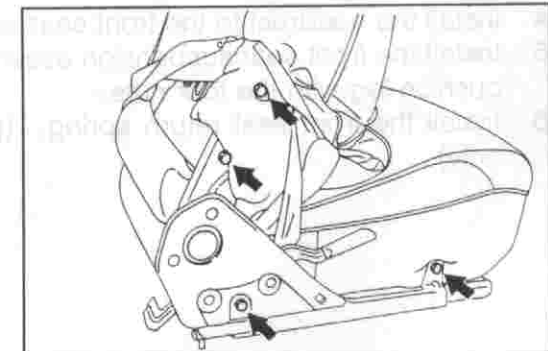
WRE91-BO484

5. Install the bush to the seatback assembly.
6. Hang the band of the seatback cover to the seatback frame.



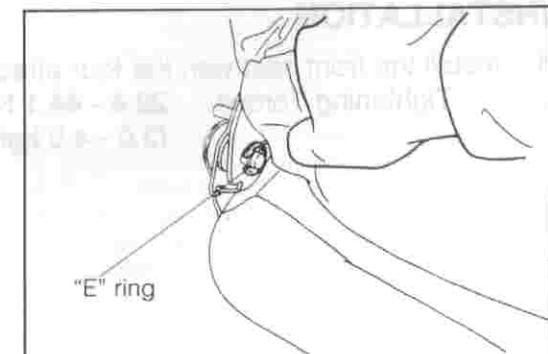
WRE91-BO485

7. Fit the seatback assembly to the seat cushion assembly.
8. Install the reclining seatback adjuster assembly with the attaching bolts.



WRE91-BO486

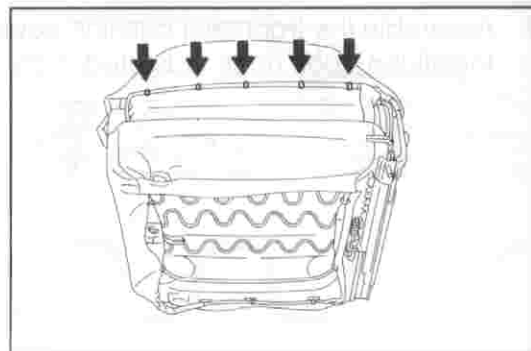
9. Attach a new "E" ring to the seatback frame pin.



WRE91-BO487

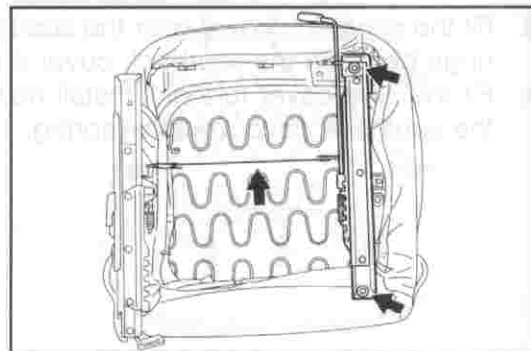
BODY

10. Fit the seatback cover over the seatback. Install new hook rings.



WRE91-BO488

11. Install the seat track equalizing wire.
12. Install the front seat inner track assembly with the two attaching bolts.

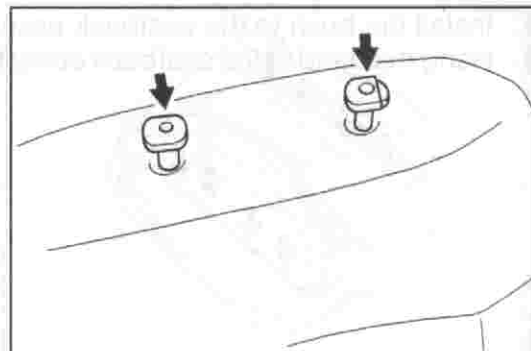


WRE91-BO489

13. Secure the seat headrest support assembly by pushing it, until the front seatback is locked.

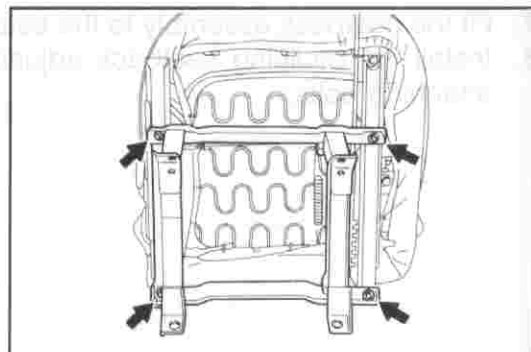
NOTE:

- Care must be exercised as to the correct direction of the seat headrest support assembly.



WRE91-BO490

14. Install the headrest to the front seatback.
15. Install the front seat suspension assembly or the front seat cushion leg with the four nuts.
16. Install the front seat return spring. (passenger side seat only)



WRE91-BO491

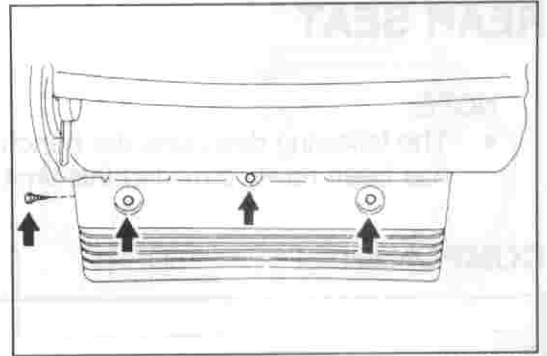
INSTALLATION

1. Install the front seat with the four attaching bolts.
Tightening Torque: 29.4 - 44.1 N·m
(3.0 - 4.5 kgf-m, 21.7 - 32.5 ft-lb)

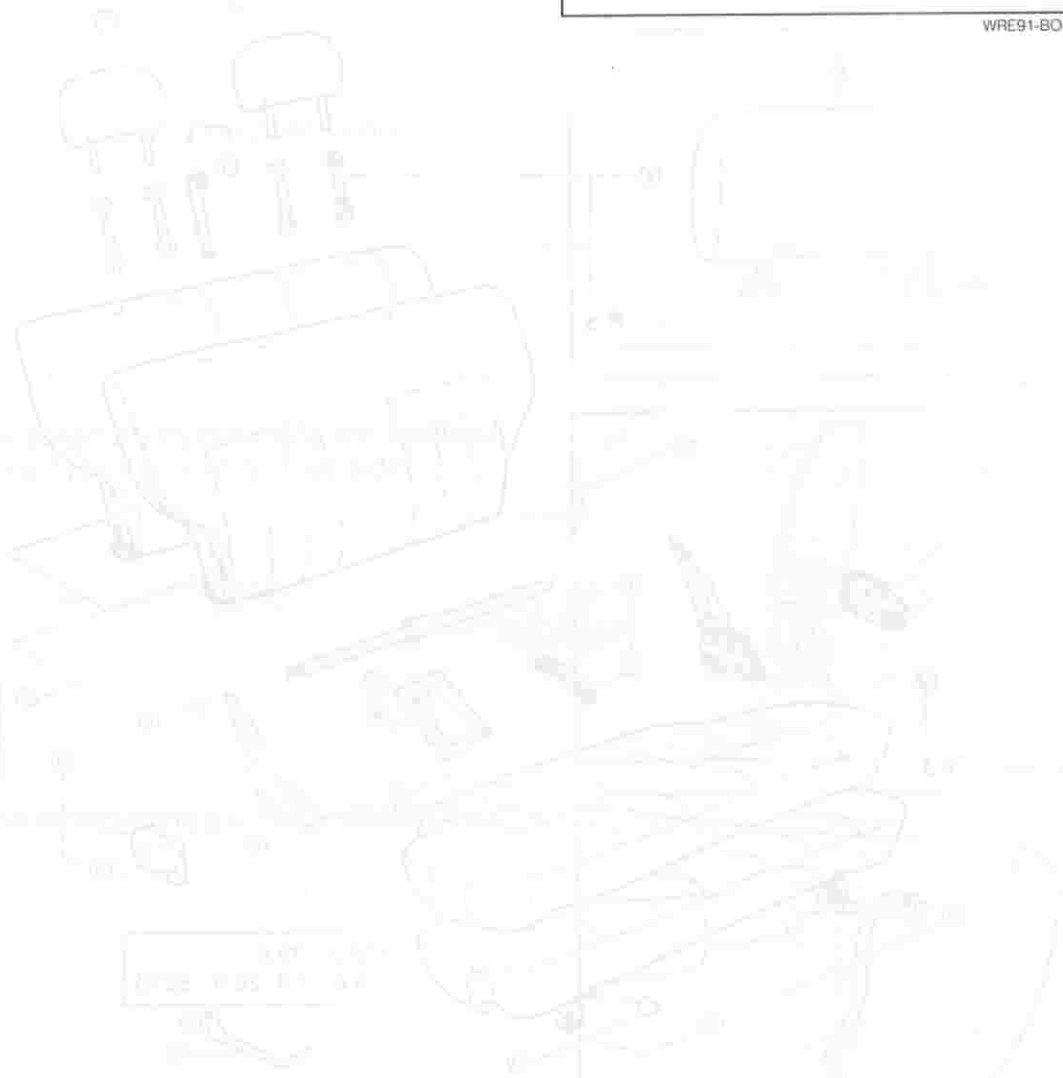


WRE91-BO492

2. Install the front seat suspension cover with the attaching screws.
3. Ensure that the front seat tilts and slides smoothly.



WRE91-BO493



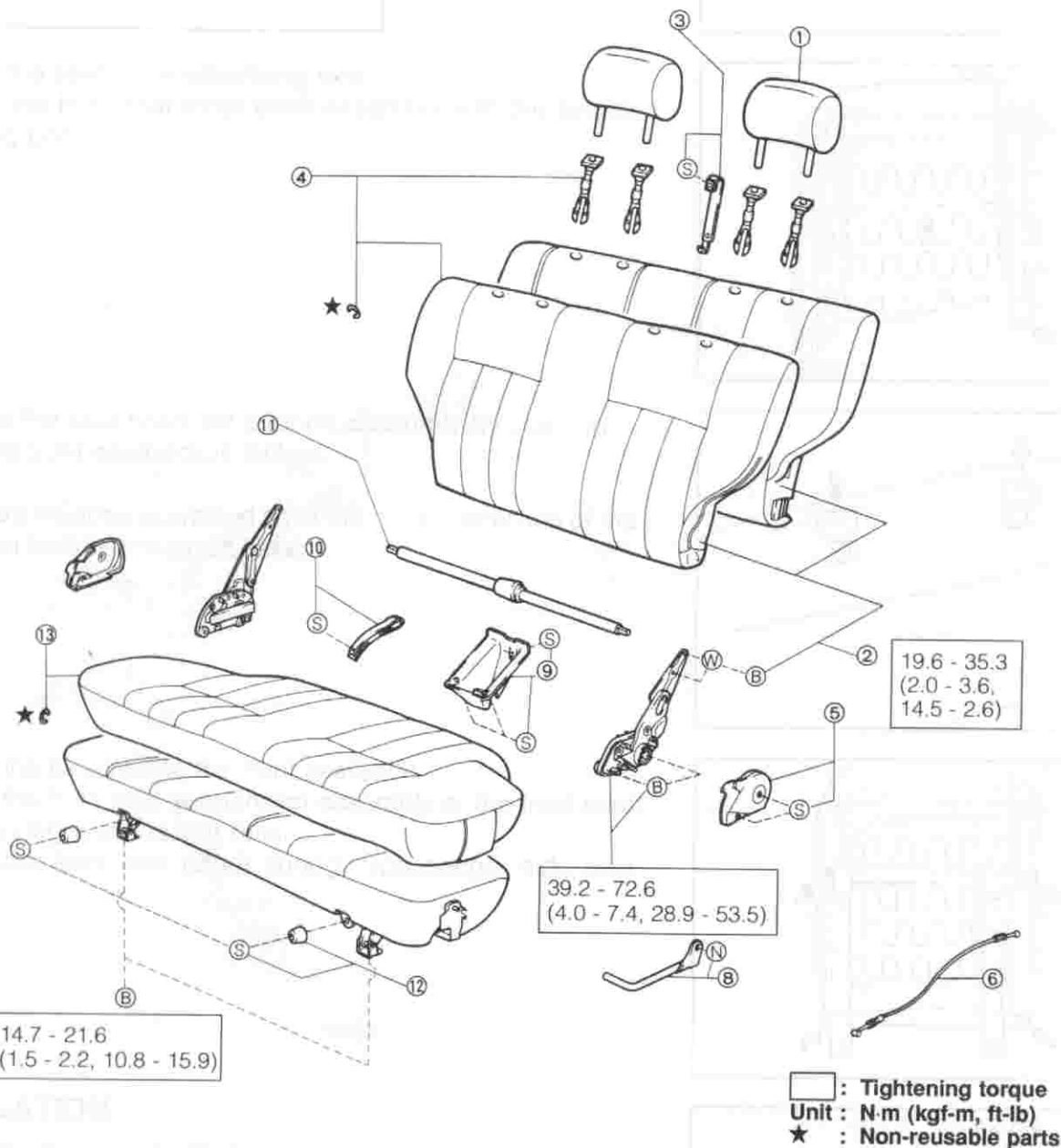
REAR SEAT

NOTE:

- The following describes the bench type seat exclusively used for the three-point ELR seat belt which has been newly provided this time.

WRE91-BO494

COMPONENTS

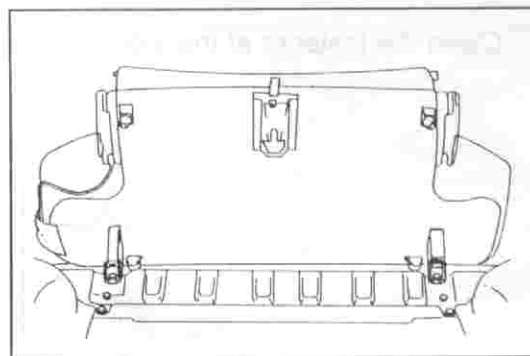


- ① Headrest assembly
- ② Rear seatback assembly
- ③ Rear seat stop band
- ④ Rear seatback cover
- ⑤ Reclining adjuster cover
- ⑥ Reclining control cable assembly
- ⑦ Reclining adjuster assembly

- ⑧ Reclining adjuster lever
- ⑨ Rear seat cushion undercover
- ⑩ Rear seat lock release band
- ⑪ Reclining adjuster equalizing rod
- ⑫ Cushion
- ⑬ Rear seat cushion cover

REMOVAL

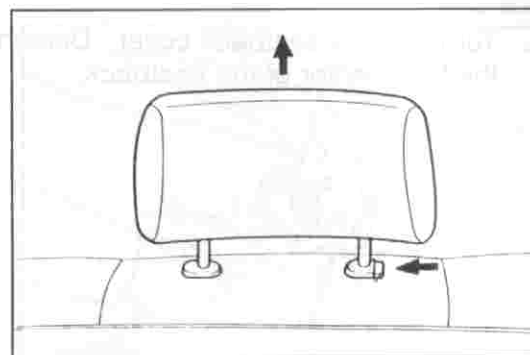
Remove the rear seat by removing the two attaching bolts.



WRE91-BO496

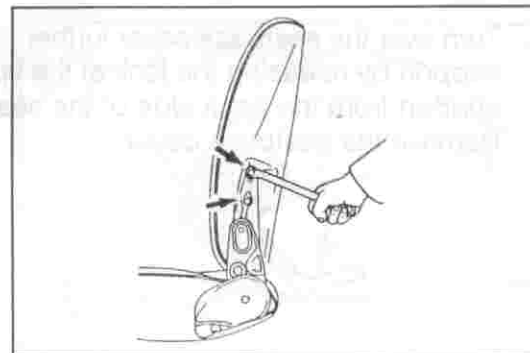
DISASSEMBLY

1. Removal of headrest
Pull out the headrest, while holding the push button.



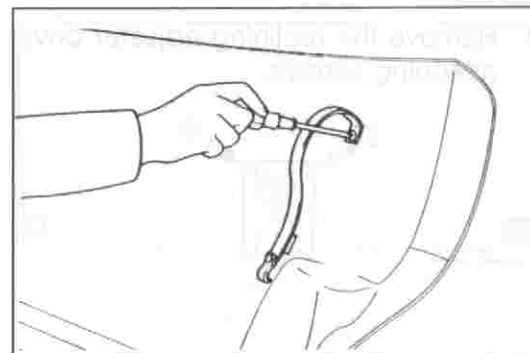
WRE91-BO497

2. Remove the seatback assembly by removing the seatback attaching bolts (two each) at the right and left sides.



WRE91-BO498

3. Remove the stop band by removing the rear seat stop band attaching screw.

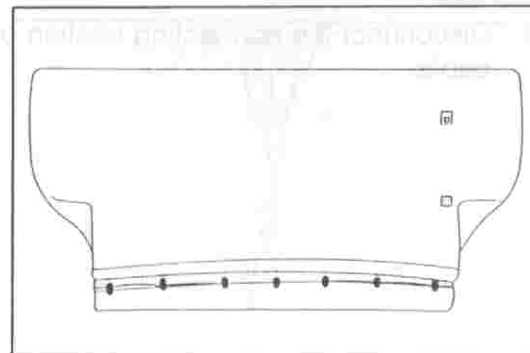
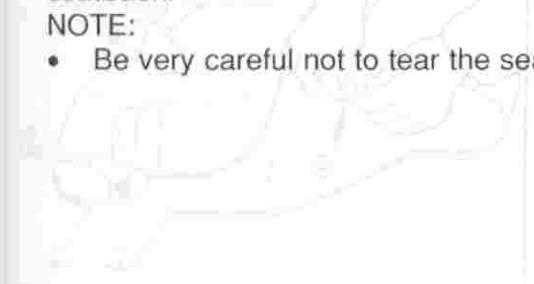


WRE91-BO499

4. Detach the seven hook rings at the back side of the rear seatback.

NOTE:

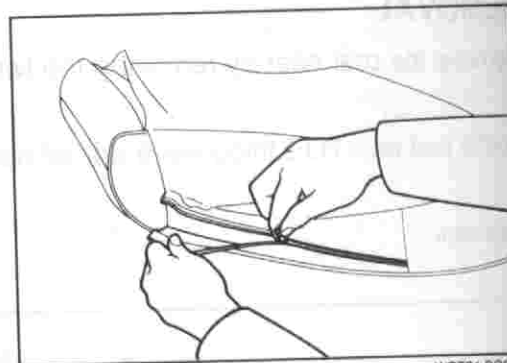
- Be very careful not to tear the seatback cover.



WRE91-BO500

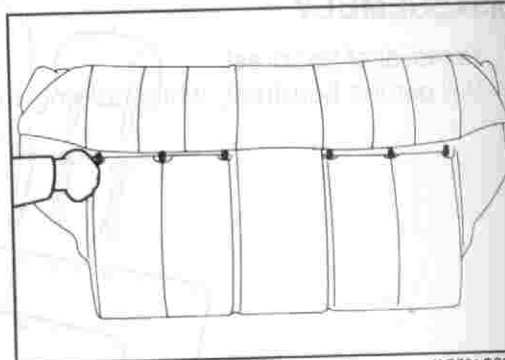
BODY

5. Open the fastener at the side of the seatback.



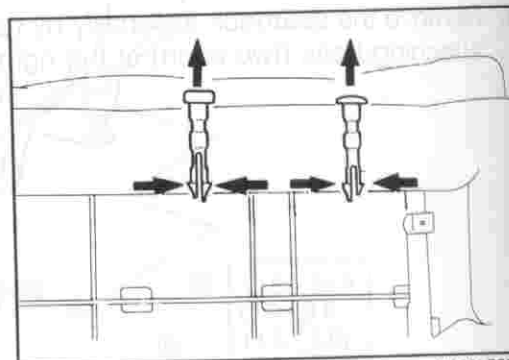
WRE91-BO501

6. Turn over the seatback cover. Detach the six hook rings at the front center of the seatback.



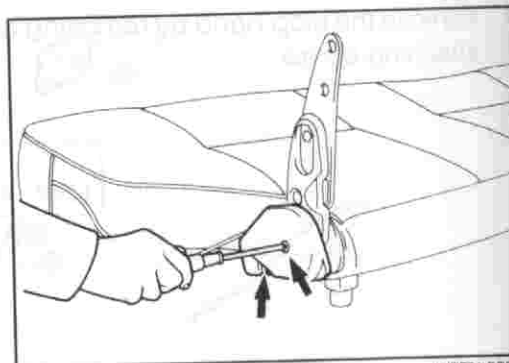
WRE91-BO502

7. Turn over the seatback cover further. Remove the headrest support by releasing the lock at the tip-end of the headrest support from the back side of the seatback.
8. Remove the seatback cover.



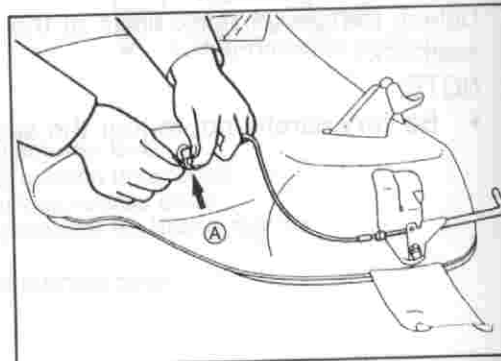
WRE91-BO503

9. Remove the reclining adjuster cover by removing the two attaching screws.



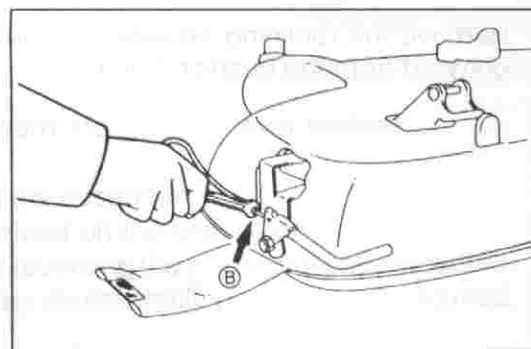
WRE91-BO504

10. Disconnect the connecting section of the reclining control cable.



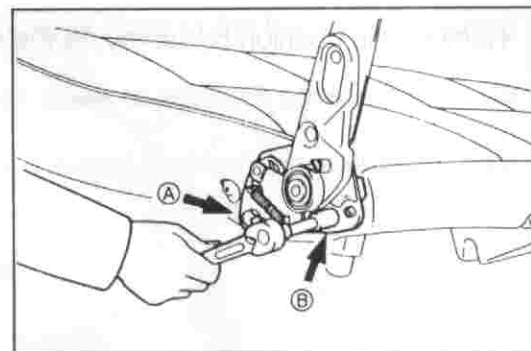
WRE91-BO505

11. Loosen the reclining control cable attaching nut.
12. Remove the reclining control cable by disconnecting it from the connecting section.



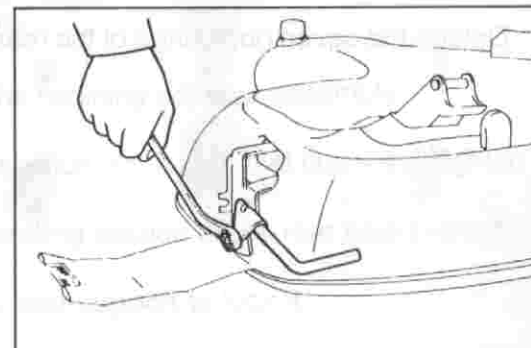
WRE91-BO506

13. Remove the reclining adjuster assembly by removing the two attaching bolts.



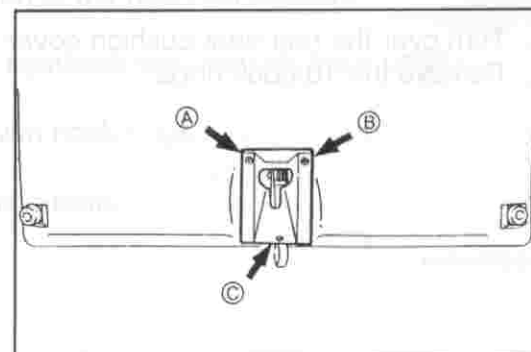
WRE91-BO507

14. Remove the reclining adjuster lever by removing the attaching nut (cap nut).



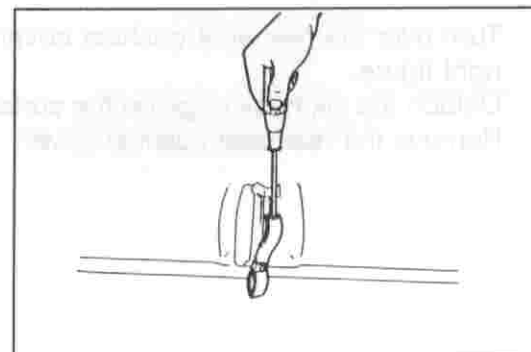
WRE91-BO508

15. Remove the rear seat cushion undercover by removing the three attaching screws.



WRE91-BO509

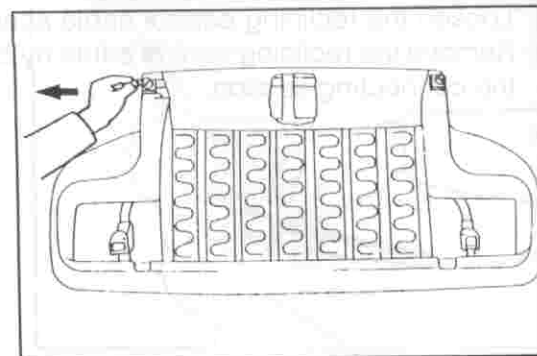
16. Remove the rear seat lock release band by removing the attaching screws.



WRE91-BO510

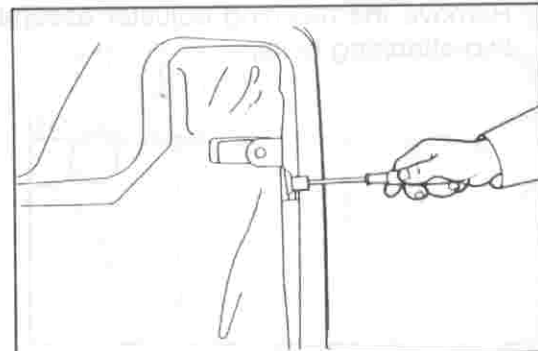
BODY

17. Remove the reclining adjuster equalizing rod by pulling it outward from the cushion frame.



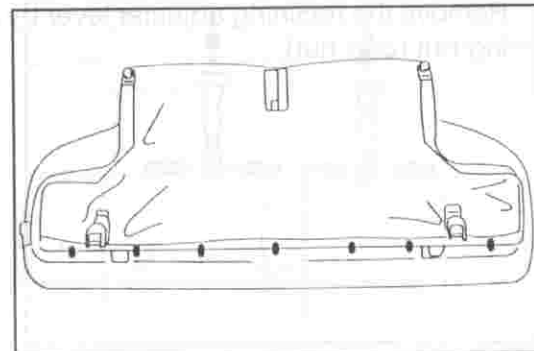
WRE91-BO511

18. Remove the cushion by removing the attaching screws.



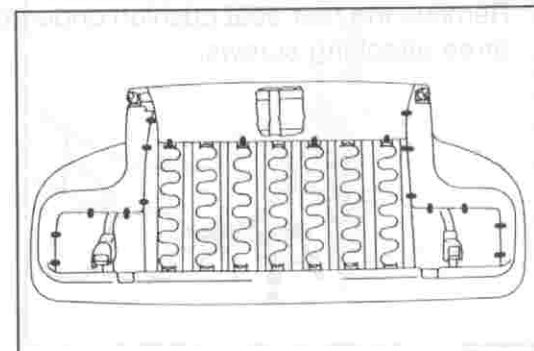
WRE91-BO512

19. Detach the seven hook rings of the rear seat cushion cover.



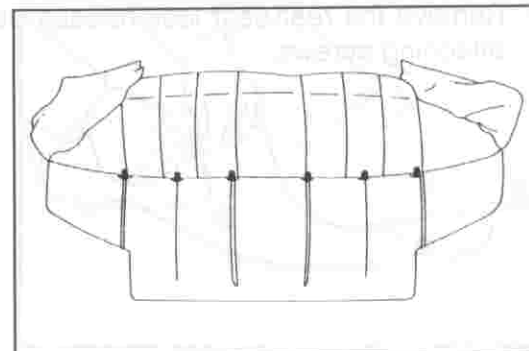
WRE91-BO513

20. Turn over the rear seat cushion cover.
21. Remove the 18 hook rings.



WRE91-BO514

22. Turn over the rear seat cushion cover, as indicated in the right figure.
23. Detach the six hook rings on the surface of the cushion.
24. Remove the rear seat cushion cover.



WRE91-BO515

ASSEMBLY

NOTE:

- Make sure that the pawl side of the hook ring will not face toward the cushion cover surface.
- Never reuse the hook ring.
- Be very careful not to stain and scratch the seat cover during the assembly.
- When installing the hook ring, make sure that no wrinkle is formed on the seat cover.
- The assembly and installation should be performed basically by reversing the disassembling procedure. In this section, no illustration is provided. Therefore, refer to the disassembly procedure, as required.

1. Fit the rear seat cushion cover over the cushion.
2. Install the cushion cover to the seat cushion by installing new six hook rings to the hook ring attaching section on the surface of the cushion.
3. Fit the cushion cover over the cushion further. Install the cushion cover to the seat cover with new 18 hook rings.
4. Fit the cushion cover over the cushion. Install the cushion cover to the seat cushion with new seven hook rings.
5. Install the cushion with the attaching screws.
6. Insert the reclining adjuster equalizing rod into the cushion frame.
7. Install the rear seat lock release band with the screw.
8. Install the rear seat cushion undercover with the three attaching screws.
9. Install the reclining adjuster lever. Tighten the attaching nut (cap nut).
10. Install the reclining adjuster assembly with the two attaching bolts.

NOTE:

- In advance, connect the reclining adjuster equalizing rod to the reclining adjuster assembly.
11. Connect one end of the reclining control cable to the connecting section of the rear seat cushion. Tighten the reclining control cable attaching nut.
 12. Connect the other end of the reclining control cable to the connecting section of the rear seat cushion.
 13. Install the reclining adjuster cover with the two attaching screws.
 14. Fit the seatback cover over the seatback slightly. Push the headrest support to lock it.

NOTE:

- Care must be exercised as to the correct direction and position of the headrest support.
15. Fit the seatback cover further. Install the seatback cover to the seatback with new six hook rings.
 16. Fit the seatback further and close the fastener.
 17. Fit the seatback further. Close the seatback cover with new seven hook rings.
 18. Install the rear seat stop band to the seatback with the screw.
 19. Install the seatback to the seat cushion. Tighten the four attaching bolts.
 20. Install the headrest to the seatback.

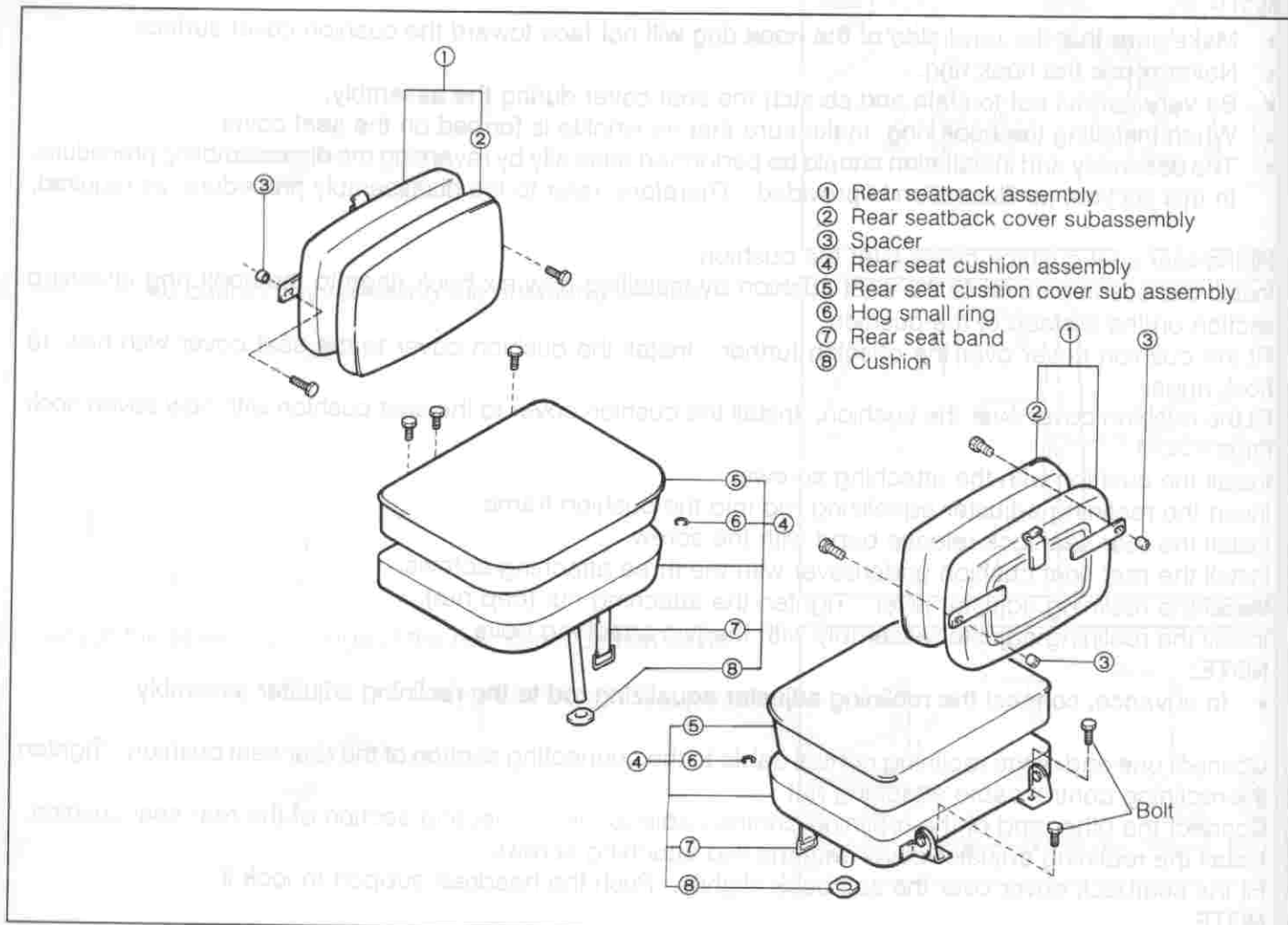
WRE91-BQ516

INSTALLATION

Install the rear seat with the two attaching bolts.

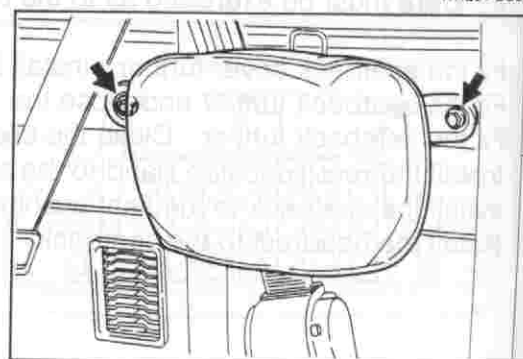
WRE91-BQ517

SUB SEAT COMPONENTS

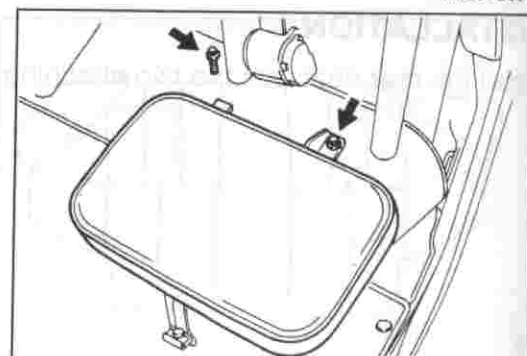


REMOVAL

1. Remove the rear seatback assembly by removing the two attaching bolts.
2. Remove the spacer.
(Full-trim vehicle only)

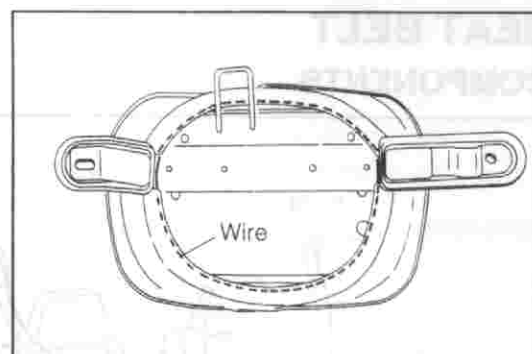


3. Remove the rear seat cushion assembly attaching bolts.
NOTE:
 - Three attaching bolts are provided at the left side, whereas two attaching bolts are provided at the right side.



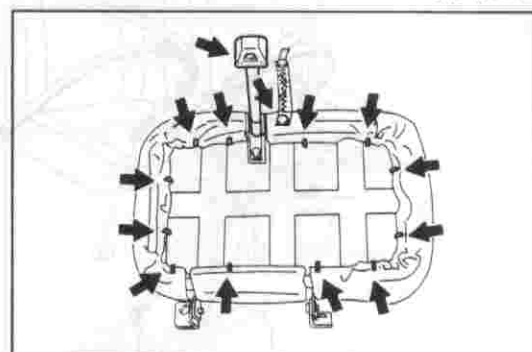
DISASSEMBLY

1. Disassembly of rear seatback assembly
 - (1) Cut off the wire tightening the rear seatback cover.
 - (2) Pull out the wire.
 - (3) Remove the rear seatback cover from the seatback.



WRE91-BO521

2. Disassembly of rear seat cushion assembly
 - (1) Remove the rear seat band by removing the attaching screw.
 - (2) Remove the rear seat cushion cover subassembly by removing the hook ring.
 - (3) Remove the cushion from the rear seat leg.



WRE91-BO522

ASSEMBLY**NOTE:**

- Never reuse the hook rings.
- Be very careful not to stain and scratch the seat cover during the assembly.
- When attaching the hook rings, make sure that no wrinkle is formed on the seat cover.

1. Assembly of rear seat cushion
 - (1) Install the cushion to the rear seat leg.
 - (2) Fit the rear seat cushion cover over the rear seat cushion. Install the rear seat cushion cover to the rear seat cushion with new hook ring.
 - (3) Install the rear seat band with the screw.
2. Assembly of rear seatback assembly
 - (1) Fit the rear seatback cover over the rear seatback.
 - (2) Pass the wire through the rear seatback cover.
 - (3) Install the rear seatback cover to the rear seatback by twisting the wire of the rear seatback cover.
 - (4) Cut off any excess wire. Bend the tip-end of the wire toward inside of the seat.

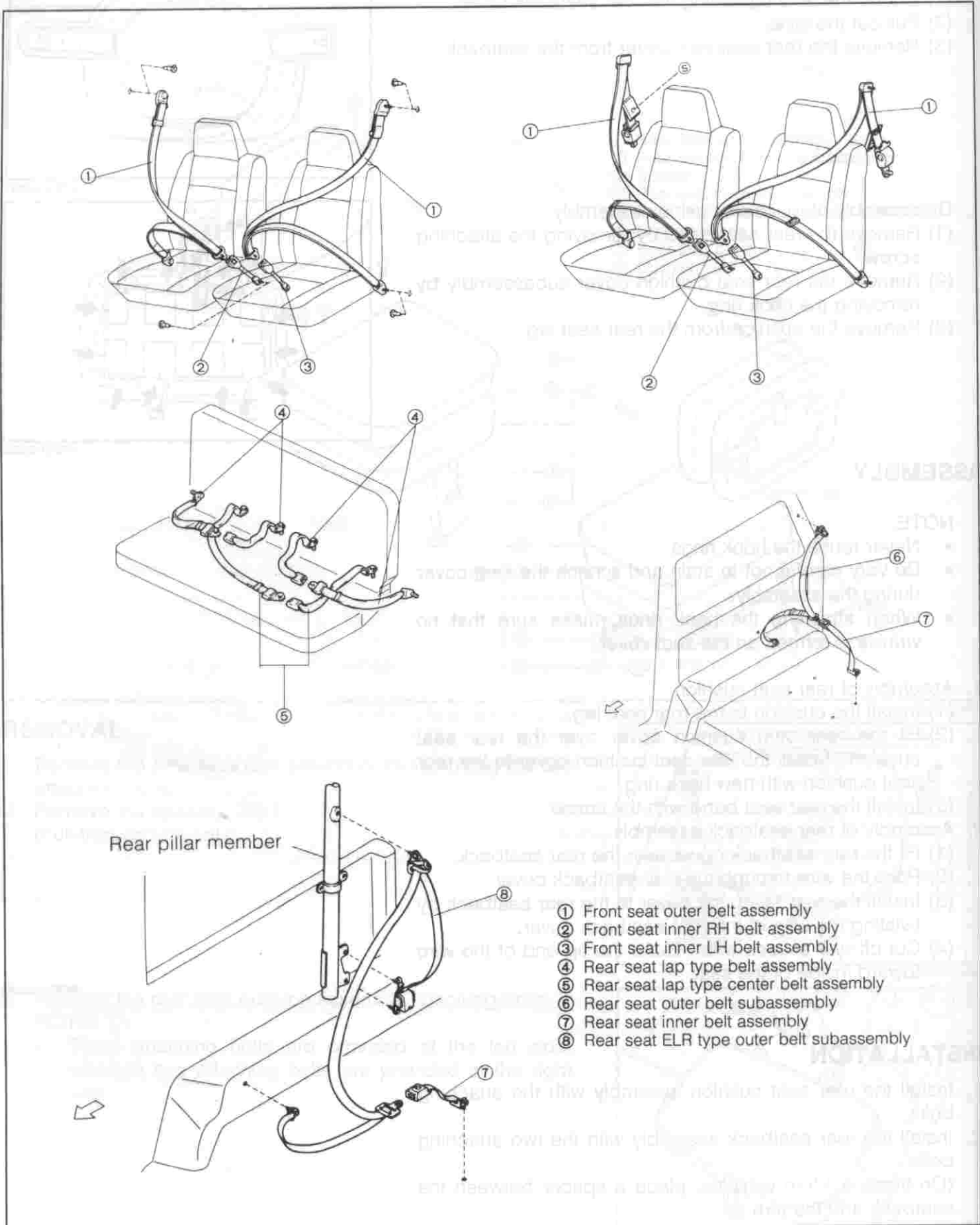
WRE91-BO523

INSTALLATION

1. Install the rear seat cushion assembly with the attaching bolts.
 2. Install the rear seatback assembly with the two attaching bolts.
- (On those full-trim vehicles, place a spacer between the seatback and the trim.)

WRE91-BO524

SEAT BELT COMPONENTS



REMOVAL

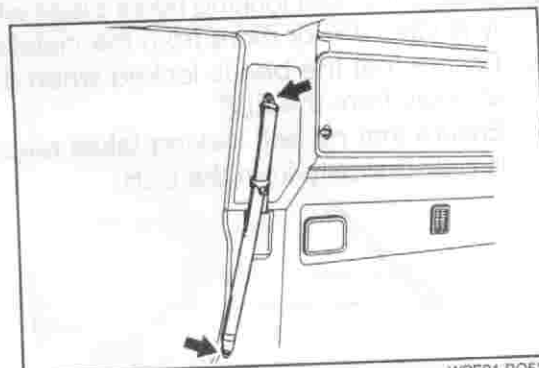
1. Removal of front seat belt

NOTE:

- The following describes the removal and installation procedures for the ELR type front seat belt of the full-trim vehicles.

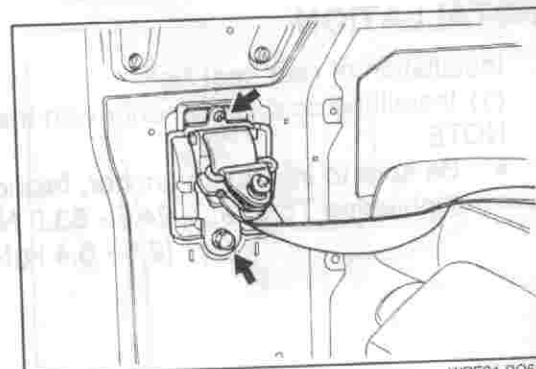
WRE91-BO526

- (1) Open the front seat outer belt shoulder anchor cover.
- (2) Remove the front seat outer belt shoulder anchor by removing the attaching bolt.
- (3) Remove the front seat outer belt anchor by removing the attaching bolt.
- (4) Remove the center pillar lower garnish.
(See page BO-94.)



WRE91-BO527

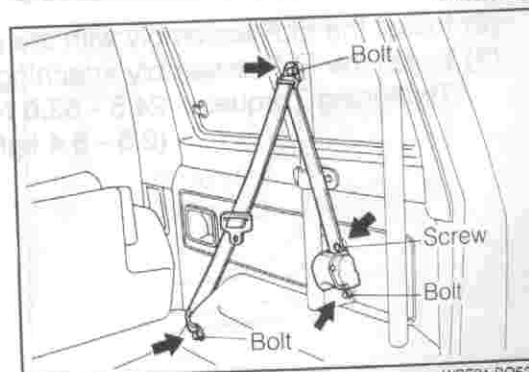
- (5) Remove the attaching bolt of the ELR assembly.
- (6) Remove the attaching screw of the ELR assembly.
- (7) Remove the seat inner belt assembly by removing the attaching bolt.



WRE91-BO528

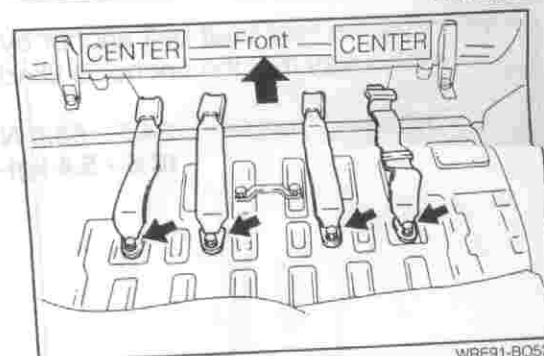
2. Removal of rear seat belt

- (1) Open the front seat outer belt shoulder anchor cover.
- (2) Remove the rear seat belt shoulder anchor by removing the attaching bolt.
- (3) Remove the rear seat belt anchor by removing the attaching bolt.
- (4) Remove the attaching bolt and screw of the ELR assembly.



WRE91-BO529

- (5) Remove the seat belt anchors by removing the attaching bolts.



WRE91-BO530

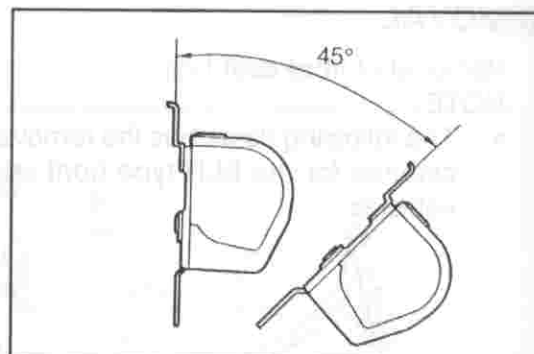
BODY

INSPECTION

NOTE:

- Never attempt to disassemble the retractor. If the retractor is faulty, replace it with new one as an assembly.

1. Ensure that the seat belt exhibits no scratches, breakage and so forth.
2. Ensure that no belt locking takes place when the ELR assembly is tilted 15° from the installed state.
3. Ensure that belt locking takes place when the ELR assembly is tilted 45° or more from the installed state.
4. Ensure that the belt is locked when the seat belt is pulled strongly from the ELR.
5. Ensure that no belt locking takes place when the seat belt is pulled slowly from the ELR.



WRE91-BO531

INSTALLATION

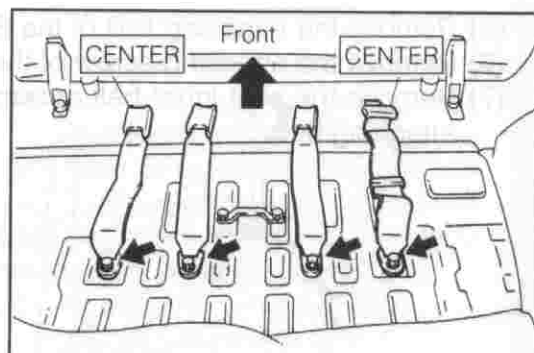
1. Installation of rear seat belt

(1) Install the seat belt anchor with the attaching bolts.

NOTE:

- Be sure to install the anchor, facing toward the front.

Tightening Torque: 24.5 - 53.0 N·m
(2.5 - 5.4 kgf-m, 18.1 - 39.1 ft-lb)

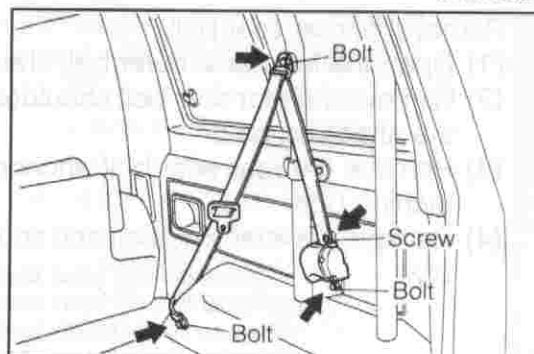


WRE91-BO532

(2) Install the ELR assembly with the attaching screw.

(3) Install the ELR assembly attaching bolt.

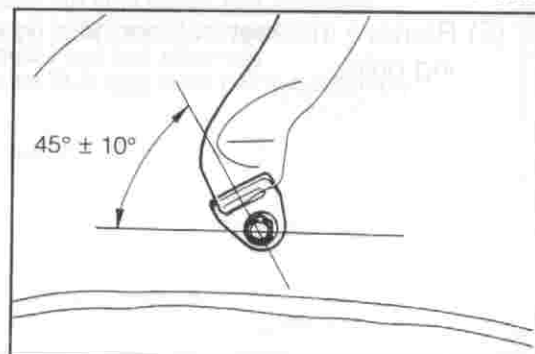
Tightening Torque: 24.5 - 53.0 N·m
(2.5 - 5.4 kgf-m, 18.1 - 39.1 ft-lb)



WRE91-BO533

(4) Install the rear seat belt anchor by means of the bolt in such a way that the anchor is tilted $45^\circ \pm 10^\circ$ toward the front side.

Tightening Torque: 24.5 - 53.0 N·m
(2.5 - 5.4 kgf-m, 18.1 - 39.1 ft-lb)



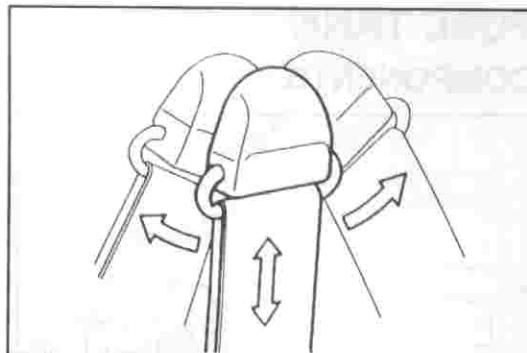
WRE91-BO534

- (5) Install the rear seat belt shoulder anchor with the bolt.
Tightening Torque: 24.5 - 53.0 N·m
 (2.5 - 5.4 kgf-m, 18.1 - 39.1 ft-lb)

NOTE:

- After the shoulder anchor has been installed, make sure that the shoulder anchor moves smoothly.

- (6) Install the rear seat belt shoulder anchor cover.

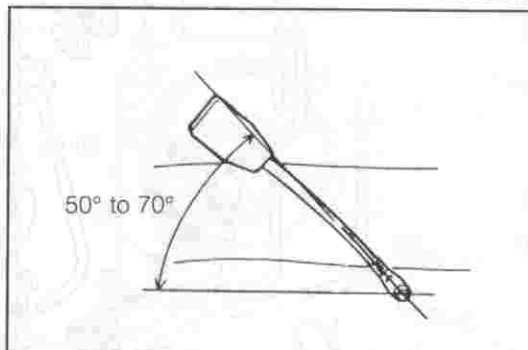


WRE91-BO535

2. Installation of front seat

- (1) Install the seat inner belt by means of the attaching bolt so that the installation angle may become $60^\circ \pm 10^\circ$.

Tightening Torque: 24.5 - 53.0 N·m
 (2.5 - 5.4 kgf-m, 18.1 - 39.1 ft-lb)



WRE91-BO536

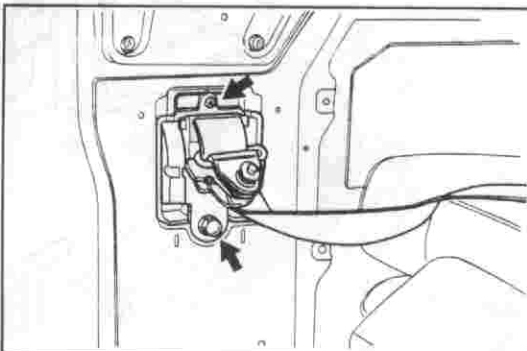
- (2) Install the ELR assembly with the screw.

- (3) Install the ELR assembly attaching bolt.

Tightening Torque: 24.5 - 53.0 N·m
 (2.5 - 5.4 kgf-m, 18.1 - 39.1 ft-lb)

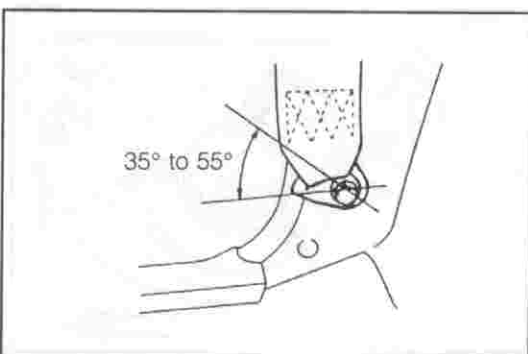
- (4) Install the center pillar lower garnish.

(See page BO-94.)



WRE91-BO537

- (5) Install the front seat outer belt anchor by means of the attaching bolt so that the installation angle may become $45^\circ \pm 10^\circ$.



WRE91-BO538

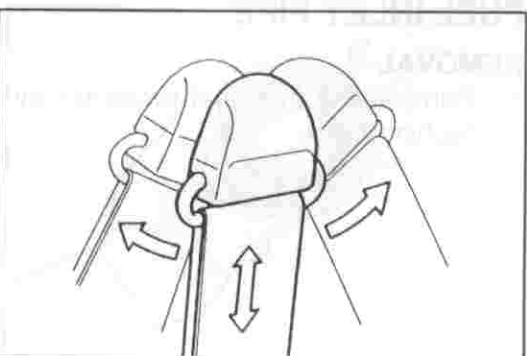
6. Install the front seat outer belt shoulder anchor with the attaching bolt.

Tightening Torque: 24.5 - 53.0 N·m
 (2.5 - 5.4 kgf-m, 18.1 - 39.1 ft-lb)

NOTE:

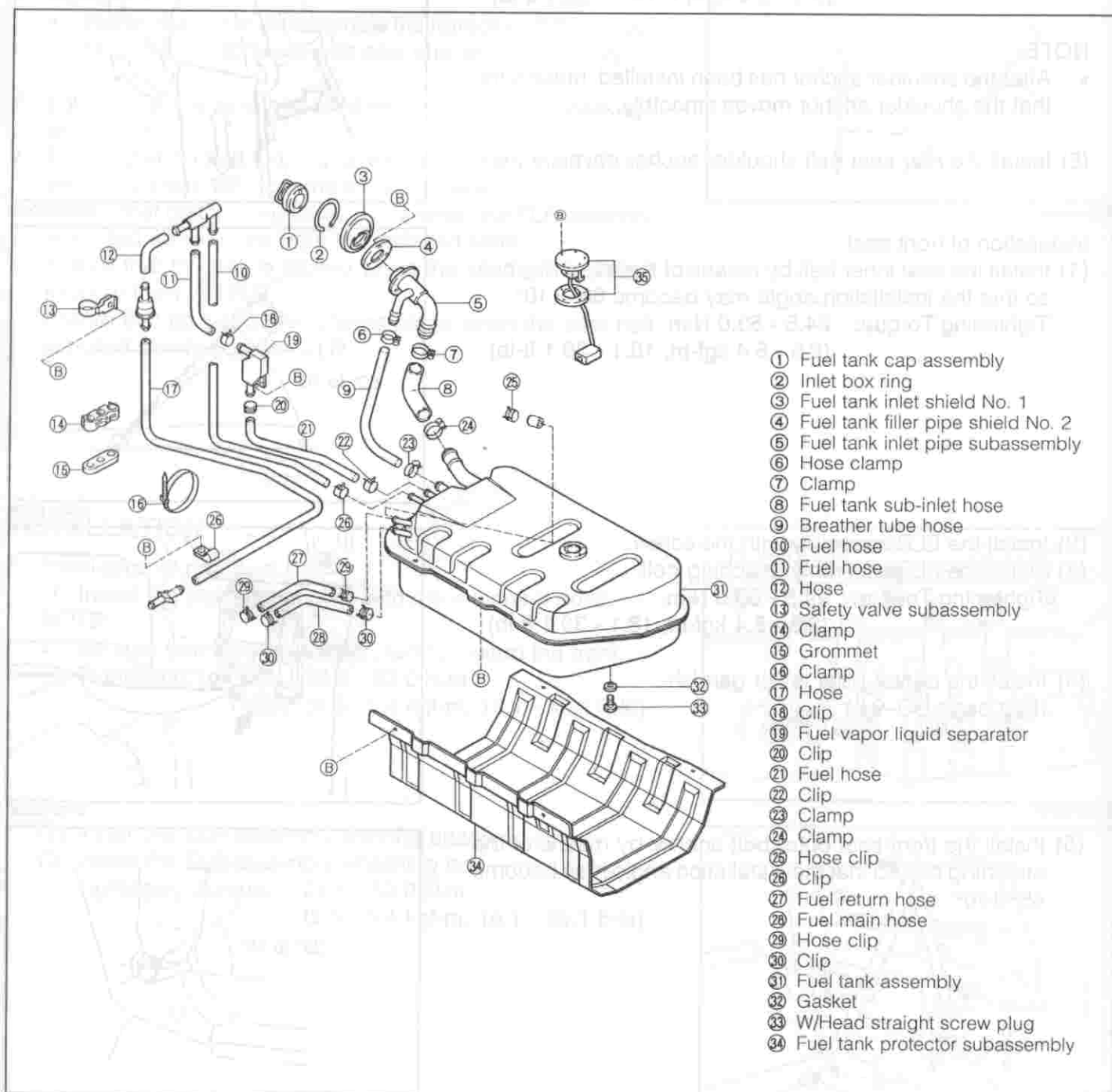
- After the shoulder anchor has been installed, make sure that the shoulder anchor moves smoothly.

7. Install the seat belt shoulder anchor cover.



WRE91-BO539

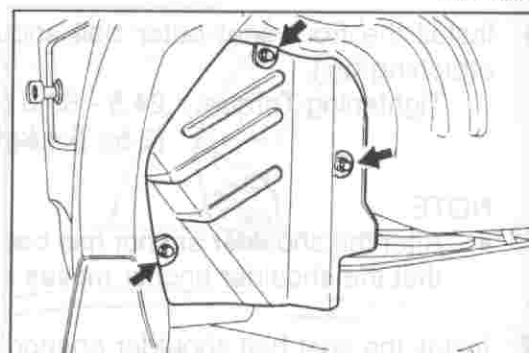
FUEL TANK COMPONENTS



FUEL INLET PIPE

REMOVAL

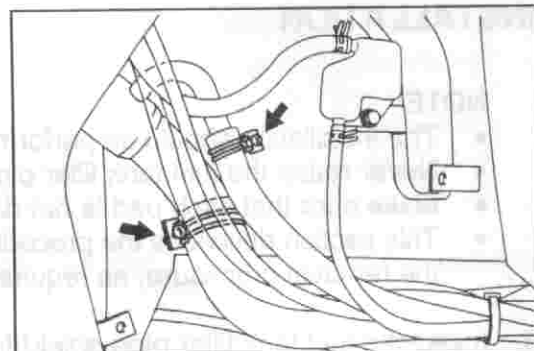
1. Remove the fuel inlet protector by removing the three attaching bolts.



WRE91-B0540

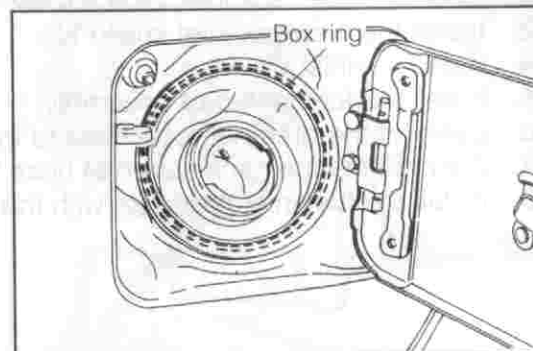
WRE91-B0541

2. Disconnect the fuel tank sub-inlet hose from the fuel tank inlet pipe subassembly by loosening the hose bands.
3. Disconnect the breather tube hose from the fuel tank inlet pipe subassembly by loosening the hose bands.



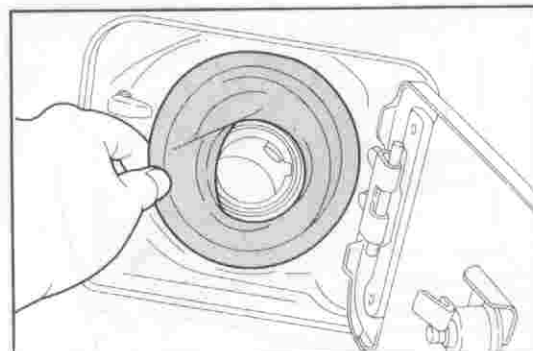
WRE91-BO542

4. Remove the fuel tank cap assembly.
5. Remove the inlet box ring, using a screwdriver or the like.



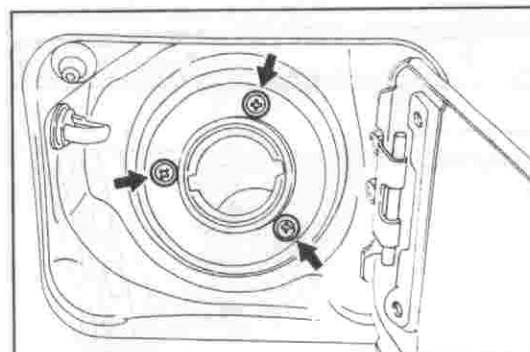
WRE91-BO543

6. Remove the fuel tank inlet No. 1 shield.



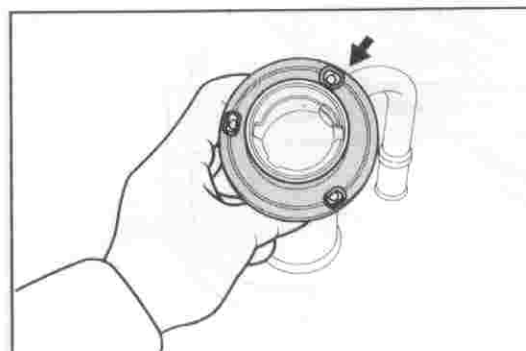
WRE91-BO544

7. Remove the fuel tank inlet pipe subassembly by removing the three attaching screws.



WRE91-BO545

8. Remove the fuel tank filler pipe shield from the fuel tank inlet pipe subassembly.



WRE91-BO546

INSTALLATION

NOTE:

- The installation should be performed basically by reversing the removal procedure.
- Never reuse the fuel tank filler pipe shields No. 1 and No. 2.
- Make sure that each part is not damaged.
- This section describes the procedures only, without illustrations. Therefore, refer to the illustrations in the removal procedure, as required.

1. Install the fuel tank filler pipe shield from the fuel tank inlet pipe subassembly.
2. Install the fuel tank inlet pipe subassembly to the side panel with the three attaching screws.
3. Install the fuel tank inlet shield No. 1.
4. Install the inlet box ring.
5. Install the fuel tank cap assembly.
6. Connect the breather tube hose to the fuel tank inlet pipe subassembly and install the hose clamp.
7. Connect the fuel tank sub-inlet hose to the fuel tank inlet pipe subassembly and install the hose clamp.
8. Install the fuel inlet protector with the three attaching bolts.

WRE91-BO547



FUEL TANK

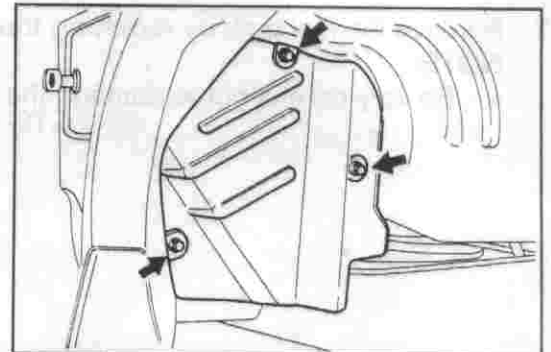
REMOVAL

1. Drain the fuel from the fuel tank by removing the drain plug.
2. After the fuel has been drained, install the drain plug with a new gasket interposed.

Tightening Torque: 39.2 - 53.9 N·m
(4.0 - 5.5 kgf-m, 28.9 - 39.8 ft-lb)

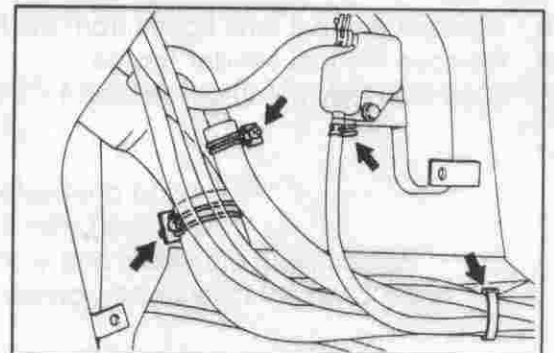
WRE91-BO548

3. Remove the inlet fuel protector by removing the three attaching bolt.



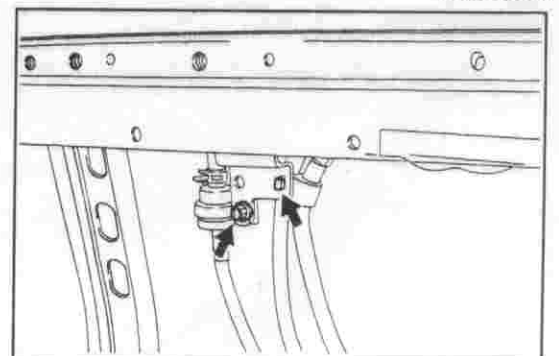
WRE91-BO549

4. Disconnect the fuel tank sub-inlet hose from the fuel tank inlet pipe subassembly by loosening the hose bands.
5. Disconnect the breather tube hose from the fuel tank inlet pipe subassembly by loosening the hose bands.
6. Disconnect the hose from the fuel vapor liquid separator by loosening the hose bands.
7. Remove the hose bands.



WRE91-BO550

8. Remove the right hand side quarter inside trim board. (See page BO-94.)
9. Remove the safety valve subassembly attaching bolt.
10. Remove the hose clamp.

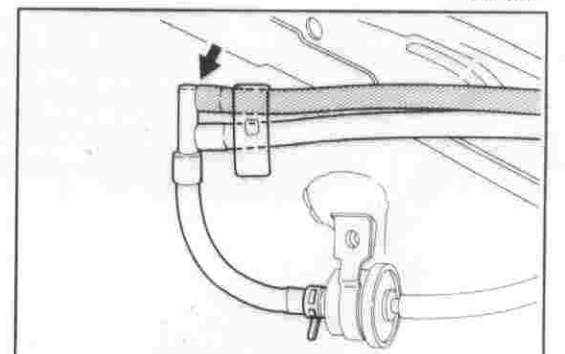


WRE91-BO551

11. Disconnect the air breather hose (fuel tank) from the three-way joint.
12. Pull out the air breathe hose to the fuel tank side.

NOTE:

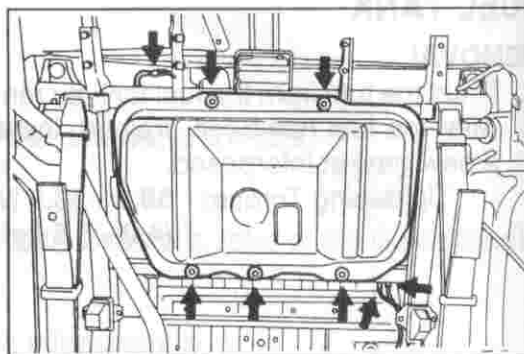
- Be very careful not to remove the rubber grommet.



WRE91-BO552

BODY

13. Remove the fuel tank protector, (if so equipped).
14. Disconnect the fuel main hose from the fuel main tube No. 1 by removing the hose clamp.
15. Disconnect the fuel return hose from the fuel emission tube by removing the hose clamp.
16. Disconnect the fuel sender gauge connector.



WRE91-BO553

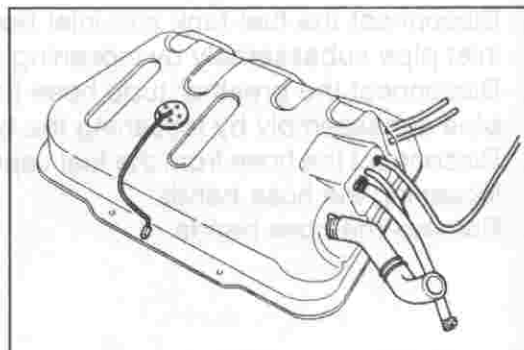
17. Remove the fuel tank by removing the attaching bolts.

NOTE:

- Be very careful not to damage the hose, etc.

WRE91-BO554

18. Remove the fuel tank hoses from the fuel tank.
19. Remove the fuel sender gauge.
(See the Body Electrical section.)



WRE91-BO555

Remove the fuel tank hoses from the fuel tank.
(See page 10-17.)
Remove the fuel sender gauge connector.
(See the Body Electrical section.)

Disconnect the fuel sender gauge (fuel tank) from the fuel tank.
Pull out the fuel sender gauge from the fuel tank.
NOTE:
• Be very careful not to damage the fuel tank.

INSTALLATION

NOTE:

- The installation should be performed basically by reversing the removal procedure.
- Be sure to install the hose band or hose clip at the midpoint between the spools.
- Never reuse the fuel sender gauge gasket.
- Make sure that each part is not damaged.
- This section describes the procedures only, without illustration. Therefore, refer to the illustrations in the removal procedure, as required.

1. Install the fuel sender gauge.
(See the Body Electrical section.)
2. Install the fuel tank hoses to the fuel tank.
3. Install the fuel tank with the five attaching bolts.

Tightening Torque: 36.3 - 51.0 N·m (3.7 - 5.2 kgf-m, 26.8 - 37.6 ft-lb)

NOTE:

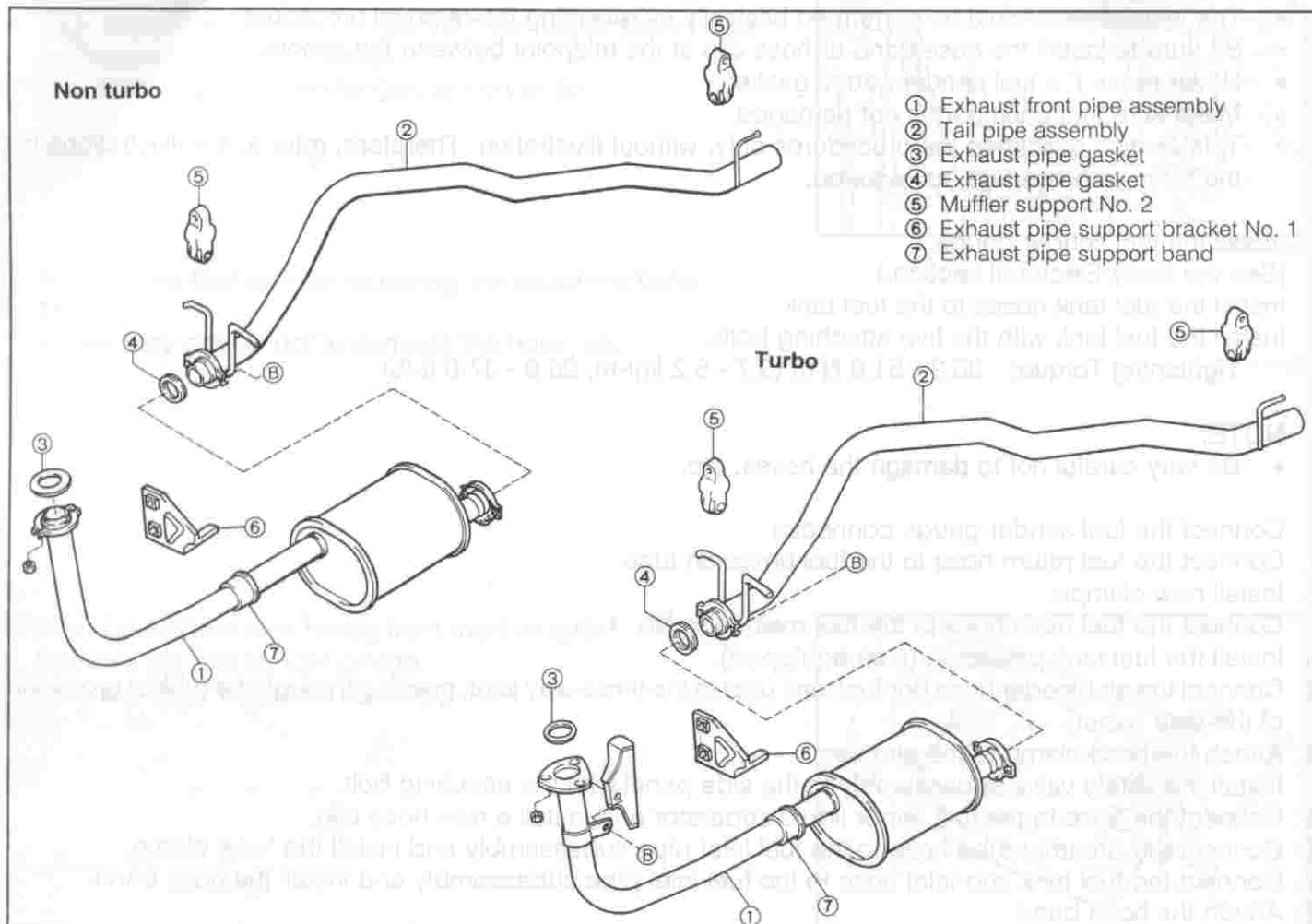
- Be very careful not to damage the hoses, etc.

4. Connect the fuel sender gauge connector.
5. Connect the fuel return hose to the fuel emission tube.
6. Install new clamps.
7. Connect the fuel main hose to the fuel main tube No. 1.
8. Install the fuel tank protector, (if so equipped).
9. Connect the air bleeder hose (for fuel tank use) to the three-way joint, passing through the rubber grommet of the side panel.
10. Attach the hose clamp to the air hose.
11. Install the safety valve subassembly to the side panel with the attaching bolt.
12. Connect the hose to the fuel vapor liquid separator and install a new hose clip.
13. Connect the breather tube hose to the fuel inlet pipe subassembly and install the hose clamp.
14. Connect the fuel tank sub-inlet hose to the fuel inlet pipe subassembly and install the hose band.
15. Attach the hose band.
16. Install the fuel inlet protector with the three attaching bolts.

WRE91-BO556

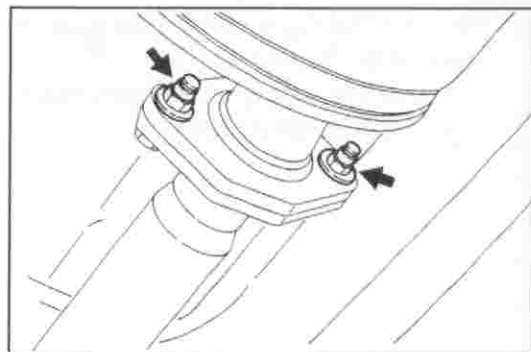
BODY

EXHAUST PIPE COMPONENTS

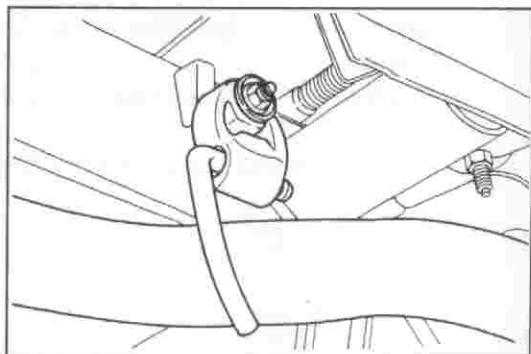


REMOVAL

1. Remove the bolt connecting the exhaust front pipe to the tail pipe.
2. Remove the muffler support attaching nut located at the back of the tail pipe.

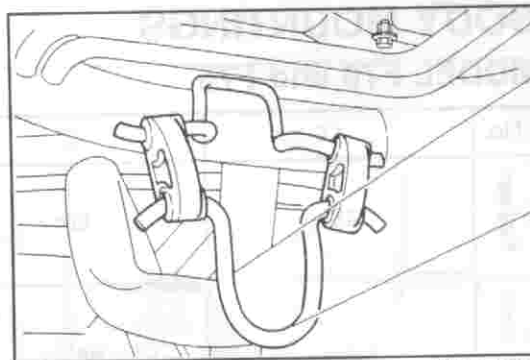


WRE91-BO558



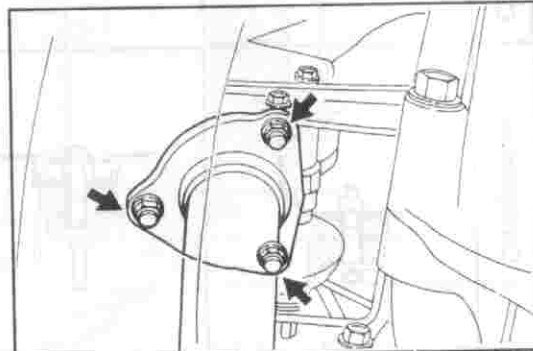
WRE91-BO559

3. Remove the tail pipe by removing the tail pipe supports at the center of the tail pipe.



WRE91-BO560

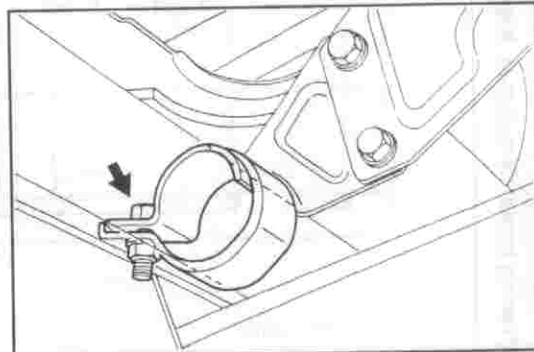
4. Remove the bolt connecting the exhaust front pipe to the exhaust manifold.



WRE91-BO561

5. Loosen the clamp bolt of the exhaust front pipe. Remove the clamp from the exhaust pipe support. Remove the exhaust front pipe.

6. Remove the gasket from the exhaust front pipe.



WRE91-BO562

INSTALLATION

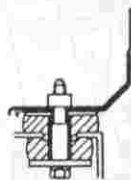
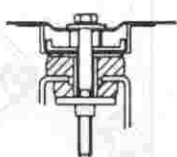
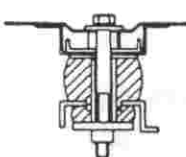
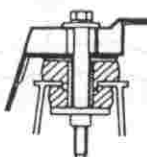
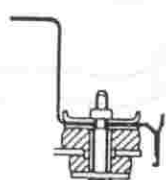
1. Install a new gasket to the exhaust front pipe.
2. With the exhaust front pipe aligned with the exhaust manifold, attach the clamp to the exhaust pipe support.
3. Install the exhaust front pipe to the exhaust manifold with the attaching nuts.
Tightening Torque: 44.1 - 53.9 N·m
(4.5 - 5.5 kgf-m, 32.5 - 39.8 ft-lb)
4. Tighten the exhaust pipe clamp.
Tightening Torque: 34.3 - 44.1 N·m
(3.5 - 4.5 kgf-m, 25.3 - 32.5 ft-lb)
5. Connect the tail pipe to the front pipe with a new gasket interposed.
6. Connect the tail pipe support at the tail pipe rear side and install it with the attaching nut.
7. Install the tail pipe support the center of the tail pipe.
8. Tighten the bolt connecting the exhaust front pipe to the tail pipe.
Tightening Torque: 44.1 - 53.9 N·m
(4.5 - 5.5 kgf-m, 32.5 - 39.8 ft-lb)

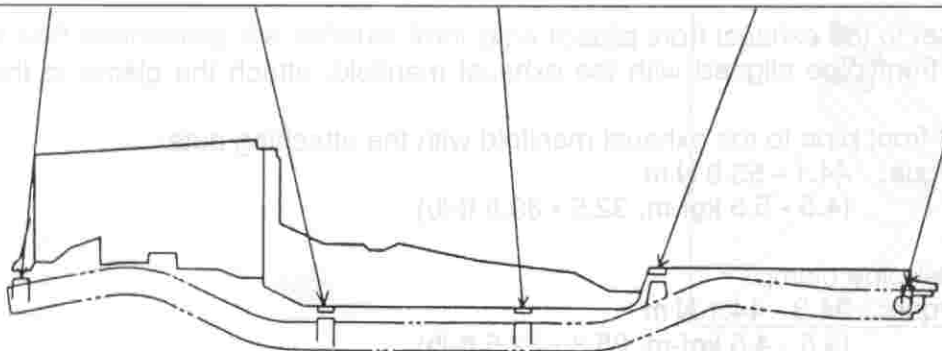
WRE91-BO563

BODY

BODY MOUNTINGS

MODEL F70 and F75

No.	1	2	*3	4	5
Hardness	46°	60°	42°	46°	60°
Color code	Yellow	White	Two lines	Yellow	White
Configuration			(Except for hard top) 		
Tightening torque N·m (kgf·m, ft·lb)	41.2 - 53.9 (4.2 - 5.5, 30.4 - 39.8)				

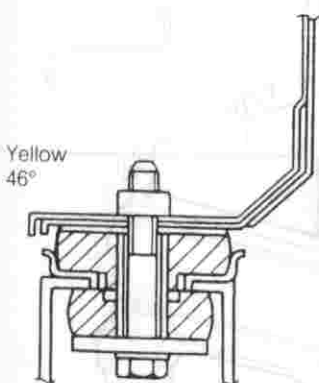
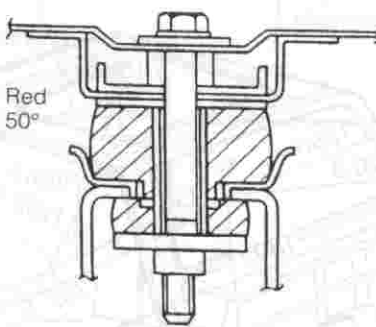
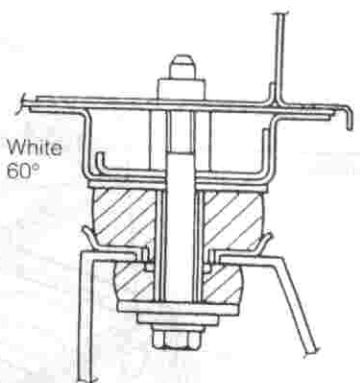
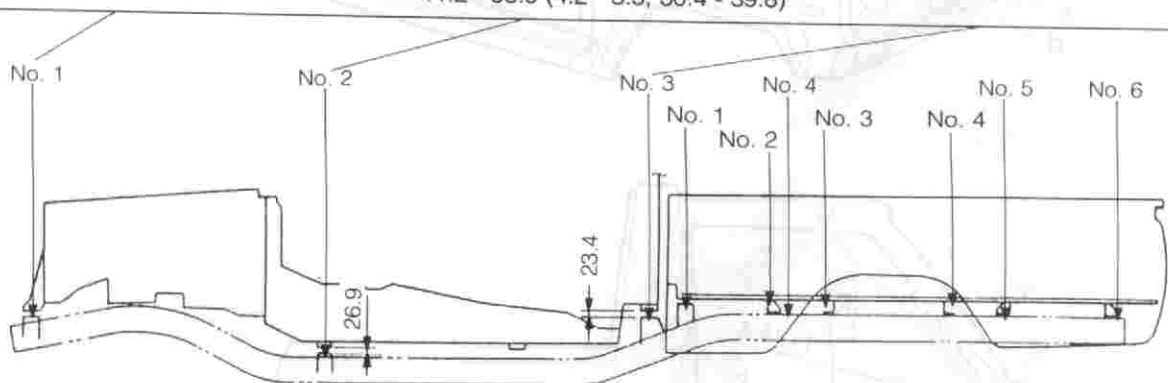
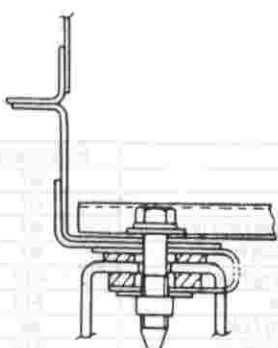
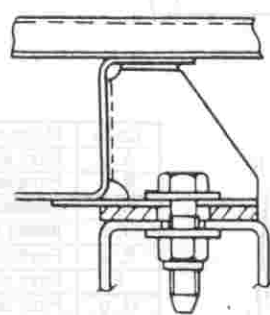
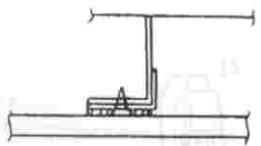


*Hard top (F70V) is free mount.

WRE91-B0564

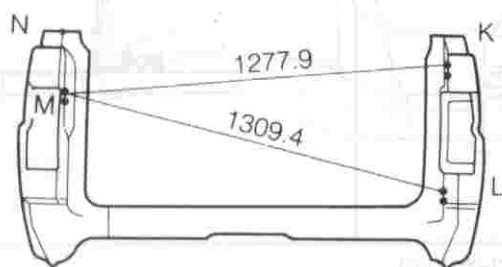
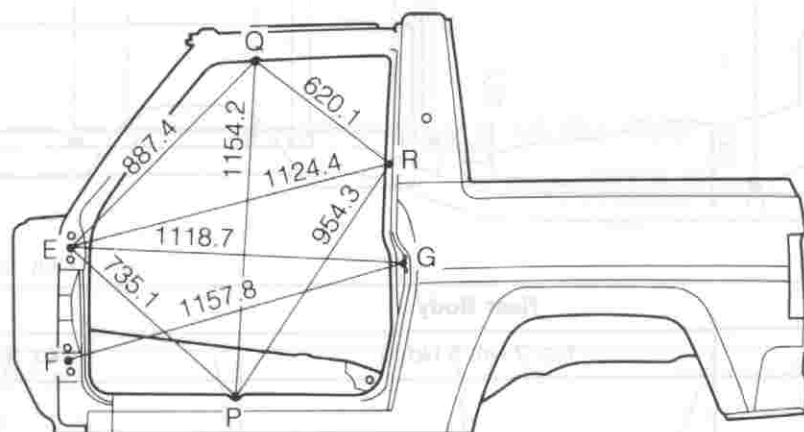
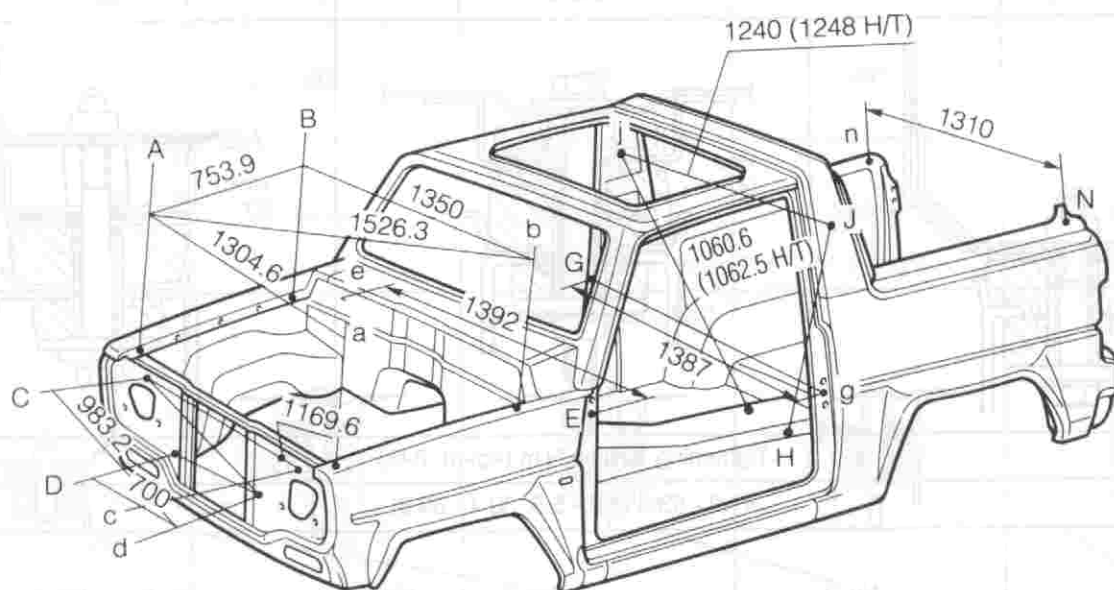
MODEL F77

BODY DIMENSIONS

Front Body		
No. 1	No. 2	No. 3
 Yellow 46°	 Red 50°	 White 60°
Tightening torque N·m (kgf-m, ft-lb)		
41.2 - 53.9 (4.2 - 5.5, 30.4 - 39.8)		
 Unit: mm		
Rear Body		
No. 1	No. 2 No. 5 No. 6	No. 3 No. 4
		
Tightening torque N·m (kgf-m, ft-lb)		
41.2 - 53.9 (4.2 - 5.5, 30.4 - 39.8)		

BODY

BODY DIMENSIONS



HT : Hardtop
Unit : mm

Code	Measuring position	Hole diameter
A, a	Front fender	φ7
B, b	Front fender	φ7
C, c	Radiator support, headlamp attaching hole	φ7
D, d	Radiator support, harness clamp attaching hole	φ7
E, e	Front door upper hinge attaching hole	φ10
F	Front door lower attaching hole	φ10
G, g	Front door lock striker attaching hole	φ9
H, h	Front floor seat belt attaching hole	φ16
J, j	Rear pillar upper seat belt attaching hole	φ15
K	Back door upper hinge attaching hole	φ13
L	Back door lower hinge attaching hole	φ13
M	Back door lock striker attaching hole	13 square
N, n	Side panel top rail rear hole (knock pin hole)	φ9
P	Rocker panel flange mating mark	R 3.5
Q	Roof side rail flange mating mark	R 3.5
R	Rear pillar upper mating hole	φ6

SST

Shape	Part No. and name	Purpose	Remarks
	09812-00010-000 Door hinge set bolt wrench set	Adjustment of front door alignment adjustment	

WRE91-BO569