BODY & TRIM

SECTION BT

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- ★ For seat belt, refer to MA and RS section.
- ★ For wiring diagrams of body electrical systems, refer to EL section.

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PRECAUTIONS

- When removing or installing various parts, place a cloth or padding on the vehicle body to prevent scratches.
- Handle trim, molding, instruments, grille, etc., carefully during removal or installation. Be careful not to soil or damage them.
- Apply sealing compound where necessary when installing parts.
- When applying sealing compound, be careful that the sealing compound does not protrude from parts.
- When replacing any metal parts (for example, body outer panel, members, etc.), be sure to take rust prevention measures.



Supplemental Restraint System (SRS) "AIR BAG"

The Supplemental Restraint System "Air Bag", used along with a seat belt, helps to reduce the risk or severity of injury to the driver in a frontal collision. The Supplemental Restraint System consists of an air bag module (located in the center of the steering wheel), a diagnosis sensor unit, warning lamp, wiring harness, a crash zone sensor (4WD models) and spiral cable. Information necessary to service the system safely is included in the **RS section** of this Service Manual.

WARNING:

- To avoid rendering the SRS inoperative, which could increase the risk of personal injury or death in the event of a collision which would result in air bag inflation, all maintenance must be performed by an authorized NISSAN dealer.
- Improper maintenance, including incorrect removal and installation of the SRS, can lead to personal injury caused by unintentional activation of the system.
- Do not use electrical test equipment on any circuit related to the SRS unless instructed to in this Service Manual. SRS wiring harnesses are covered with yellow insulation either just before the harness connectors or for the complete harness, for easy identification.

BT-2

Clip and Fastener

- Clips and fasteners in BT section correspond to the following numbers and symbols. Replace any clips and/or fasteners which are damaged during removal or installation.

Symbol No.	Shapes	Removal & Installation
(E)		Removal: Remove by bending up with flat-bladed screwdrivers or clip remover.
	SBF302H	SBF367BA
©103)	SBF303H	Removal: Remove with a clip remover. SBF423H
(203) TO (5)	SBF258G	Push center pin to catching position. (Do not remove center pin by hitting it.) Installation: SBF708E
	SBF104B	Removal:

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Clip and Fastener (Cont'd)

Symbol	Change Change	
No.	Shapes	Removal & Installation
© 10 9	SBF351C	Removal: Remove by bending up with flat-bladed screwdrivers. Radiator grille Body panel
Œ11Đ	SBF359C	
©F109	Clip-B (Grommet)	Flat-bladed screwdriver Body panel Clip-A SBF652B
(F) (pa-10)	Seal rubber Clip-B SBF648B	Removal: Clip-A Finisher Weatherstrip Clip-B Rubber seal Flat-bladed screwdriver SBF649B
	SBF317C	Panel Removal: Remove using flat-bladed screwdrivers or pliers. Panel Flat-bladed Clip screwdriver

GENERAL SERVICING

Clip and Fastener (Cont'd)

Symbol No.	Shapes	Removal & Installation
C F103		Removal: Holder portion of clip must be spread out to remove rod.
	S8F768B	SBF770B
		Removal: Installation:
© 100		Rotate 45° to remove.
	SBF145B	Removal: SBF085B
		Removal: 1. Screw out with a Phillips screwdriver. 2. Remove female
(Si)		portion with flat-bladed screwdriver.
	SBF078B	SBF992G

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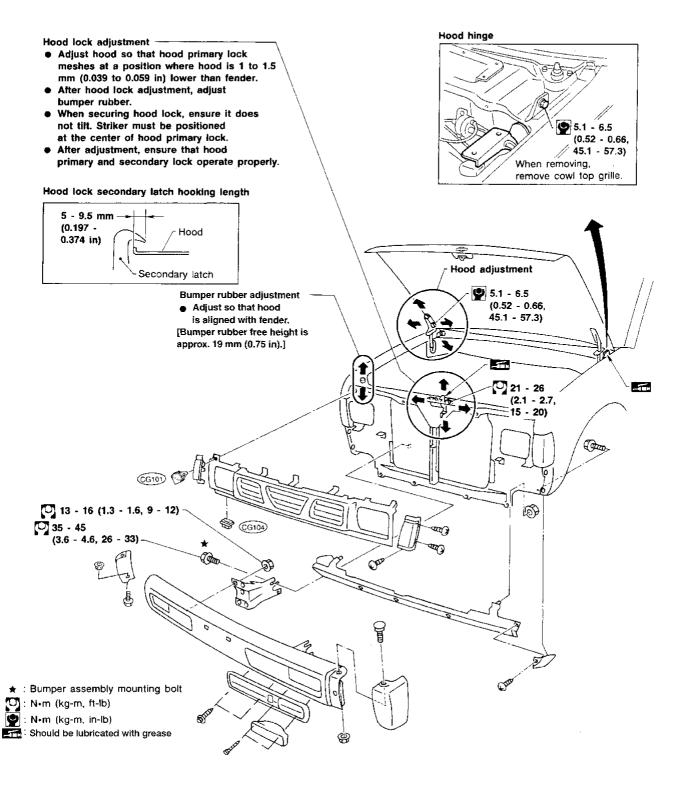
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Front End

- Hood adjustment: Adjust at hinge portion.
- Hood lock adjustment: After adjusting, check hood lock control operation. Apply a coat of grease to hood lock engaging mechanism.
- Hood opener: Do not attempt to bend cable forcibly. Doing so could increase effort required to unlock hood.
- Bumper finisher: It is made of plastic. Do not use excessive force and keep oil away from it.

SEC. 260+261+262+620+623+650+656



Gi Rear End SEC. 930A • 940A MAEM LC 13 - 16 (1.3 - 1.6, 9 - 12) 21 - 26 (2.1 - 2.7, 15 - 20) EC Eye bolt FE 21 - 26 (2.1 - 2.7, 15 - 20) Rear gate striker CL O 62 - 78 (6.3 - 8.0, 46 - 58) MT 21 - 26 (2.1 - 2.7, AT 15 - 20) TF Rear gate Rear body -PD CR 103 FA ∠_[O] _{13 - 16} (1.3 - 1.6, 9 - 12) $\mathbb{R}\mathbb{A}$ ∠(CR 103) Rear gate handle Rear gate stay

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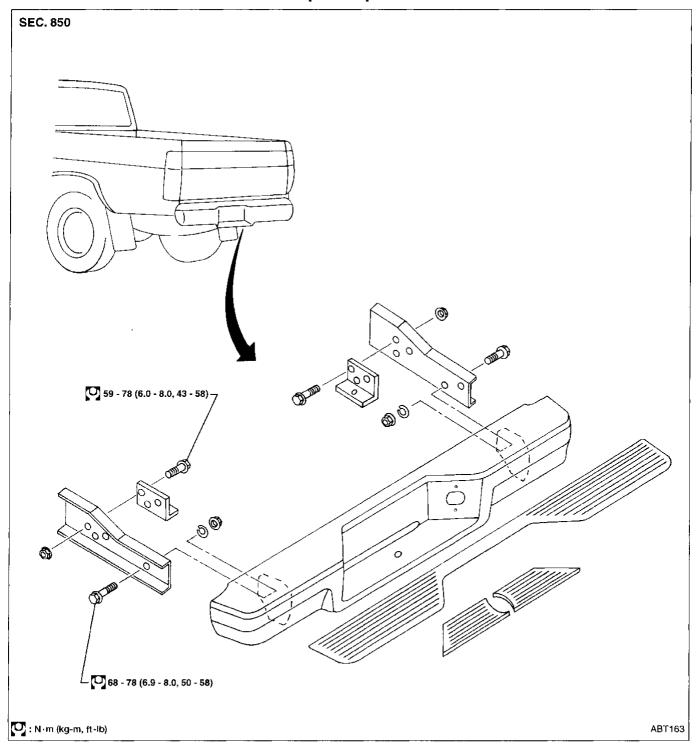
O: N-m (kg-m, ft-lb)

Rear gate lock

: Should be lubricated with grease

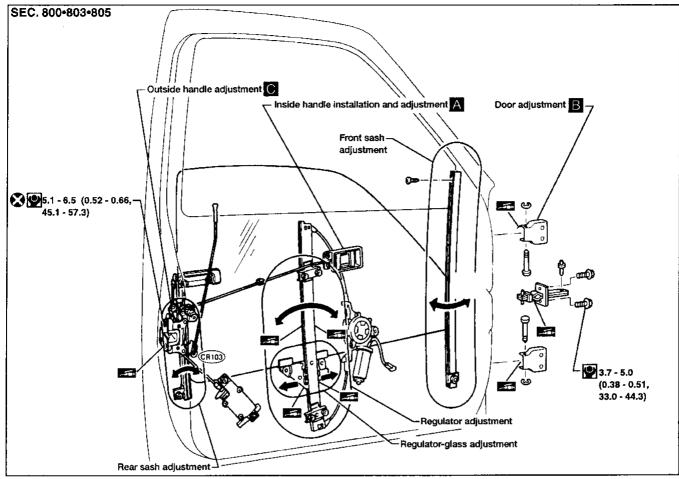
ABT152

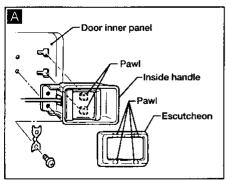
Step Bumper

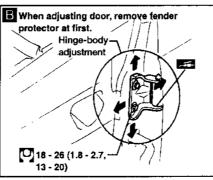


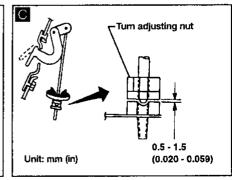
Front Door

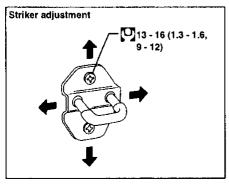
- For removal of door trim, refer to "INTERIOR TRIM", BT-13.
- After adjusting door lock, check door lock operation.











: N·m (kg-m, in-lb)

: N·m (kg-m, ft-lb)

: Should be lubricated with grease

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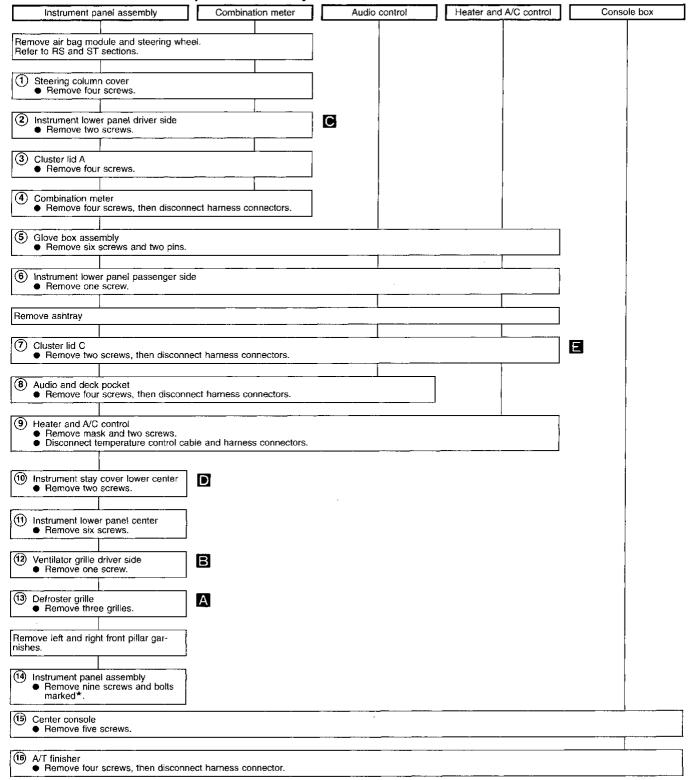
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ABT153

CAUTION:

- Disconnect both terminals from battery in advance.
- Disconnect air bag module connector in advance.
- Be careful not to scratch finishers and other parts.
- Never tamper with or force air bag lid open, as this may adversely affect air bag performance.

REMOVAL — Instrument panel assembly



INSTALLATION

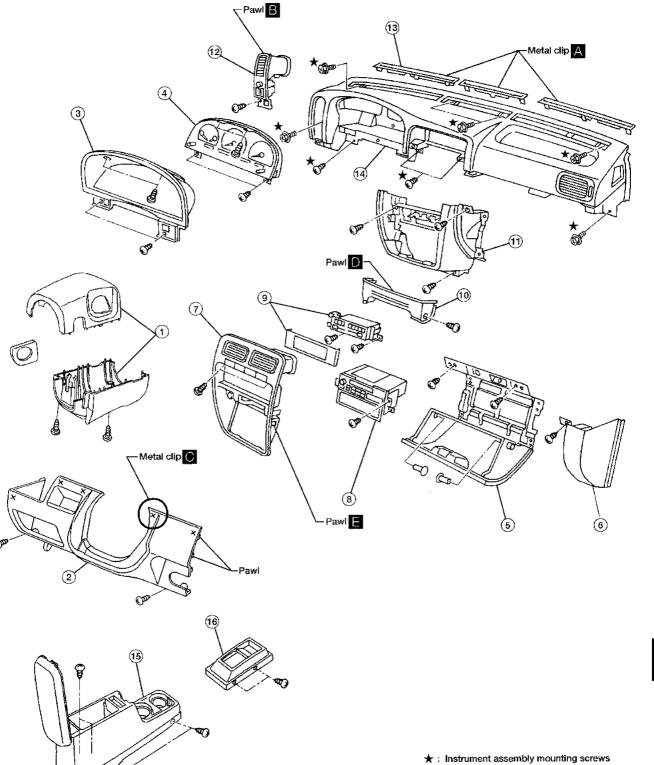
Reverse the procedures described above.

Pay attention so as not to scratch the parts (plastic). During installation, fit the ducting parts exactly.

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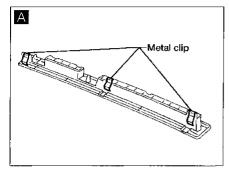
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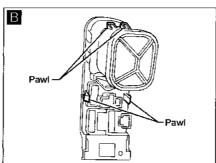
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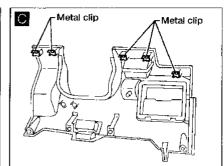
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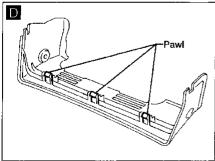
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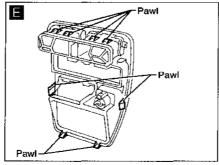
ABT154











ABT155

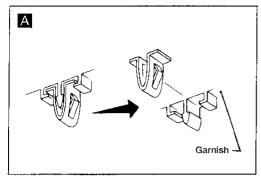
BT-12

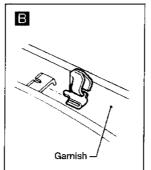
Side and Floor Trim — Passenger room

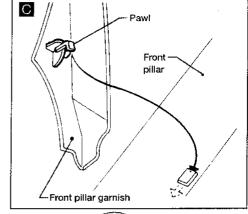
- Wrap the tip of flat-bladed screwdriver with a cloth when removing metal clips from garnish.
- When handling interior or exterior parts, do not use excessive force and take care not to damage them.

Regular Cab

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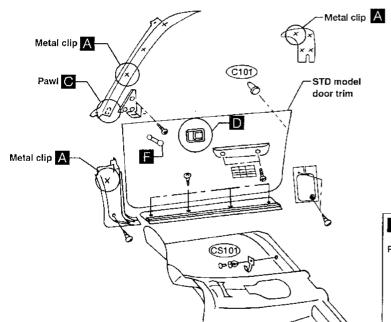
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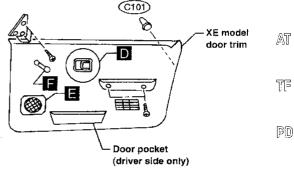
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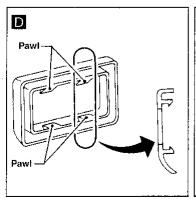
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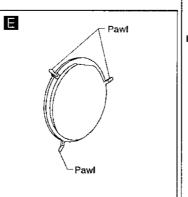
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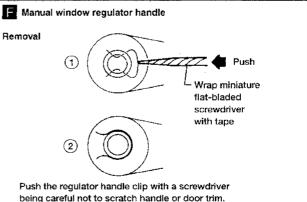








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Then remove the regulator handle from the regulator shaft.



Before installing, position the regulator handle clip as shown in figure 1.

45° Front

Push the regulator handle onto the regulator shaft.

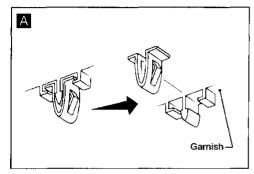
Push the regulator handle onto the regulator shaft Install the regulator handle in place as shown in the figure with the window completely closed.

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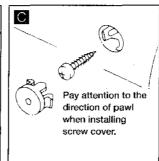
King Cab

Side and Floor Trim — Passenger room (Cont'd)

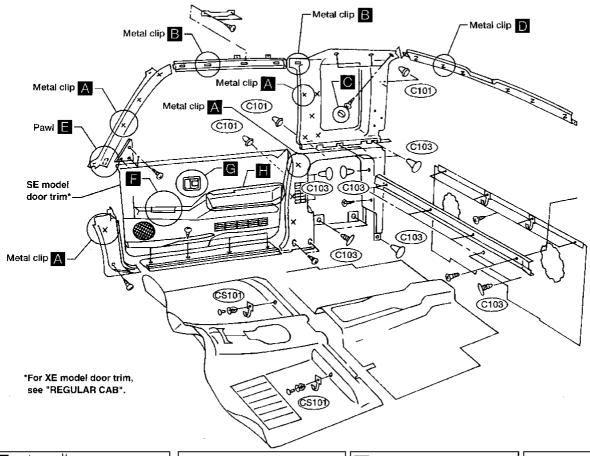
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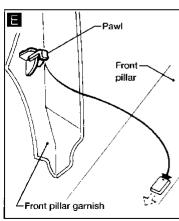


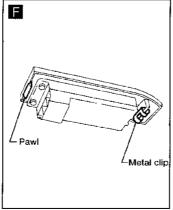


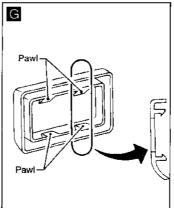


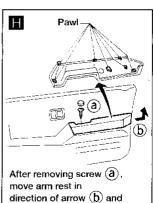










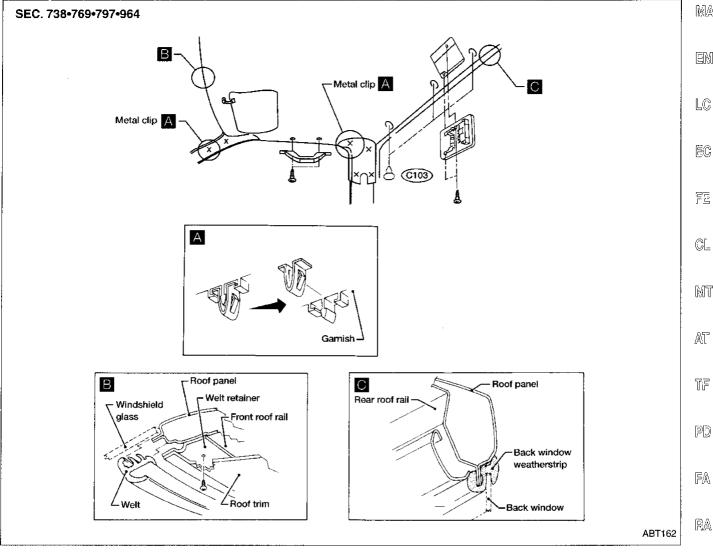


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Roof Trim

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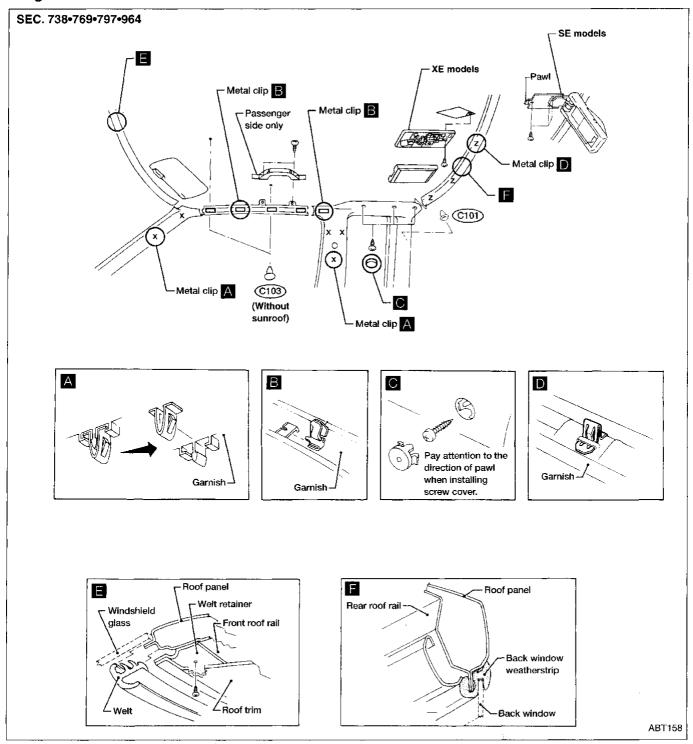
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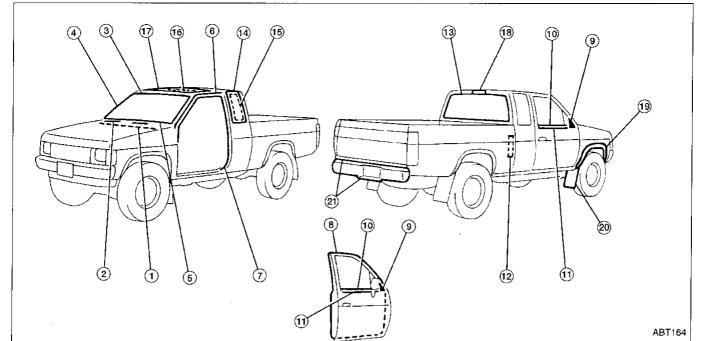
Roof Trim (Cont'd)

King Cab



EXTERIOR

Apply sealing compound where necessary while installing parts. When applying sealing compound, be careful that the sealing compound does not protrude from parts.



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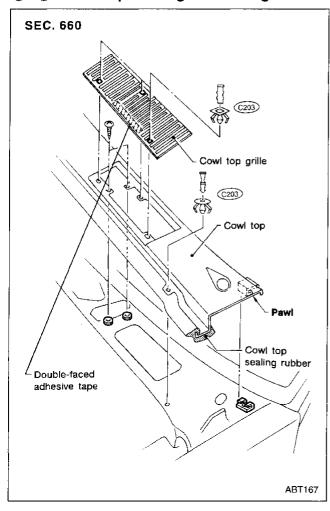
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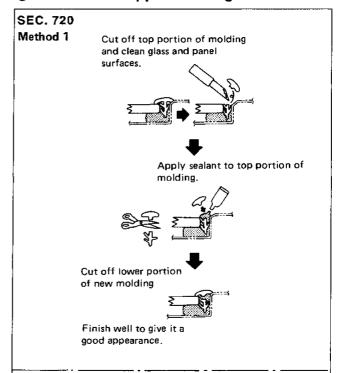
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1 2 Cowl top sealing rubber & grille

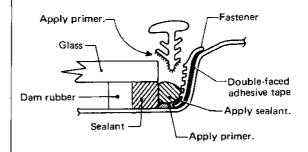


3 Windshield upper molding



Method 2

- 1. Cut off sealant at glass end.
- 2. Clean the side on which panel was mounted.
- Set molding fastener and apply sealant & primer to body panel, and apply primer to molding.

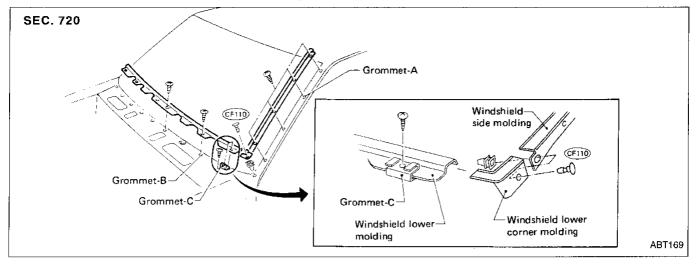


 Install molding by aligning the molding mark located on center with vehicle center.

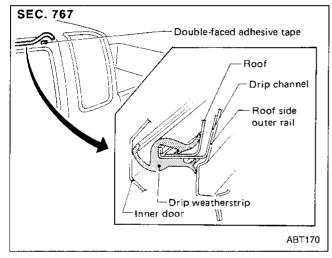
Be sure to install tightly so that there is no gap around the corner.

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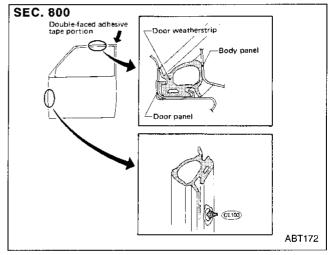
4 5 Windshield side & lower molding



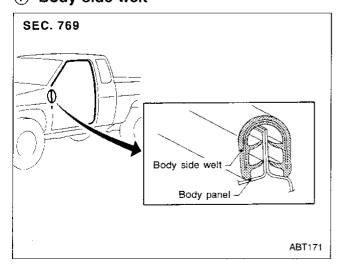
6 Drip weatherstrip



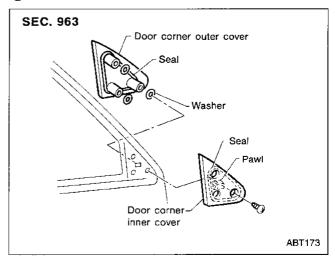
8 Door weatherstrip



7 Body side welt



9 Door corner cover



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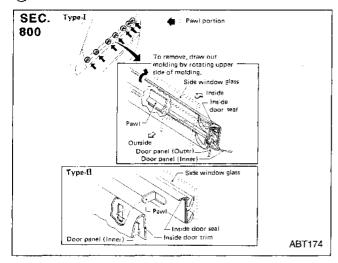
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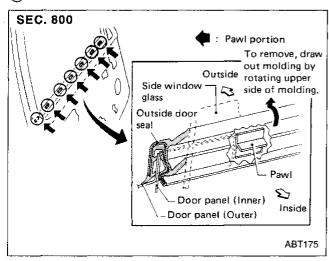
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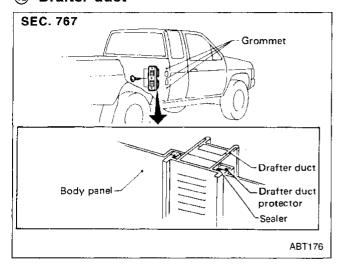
10 Door waist inner seal



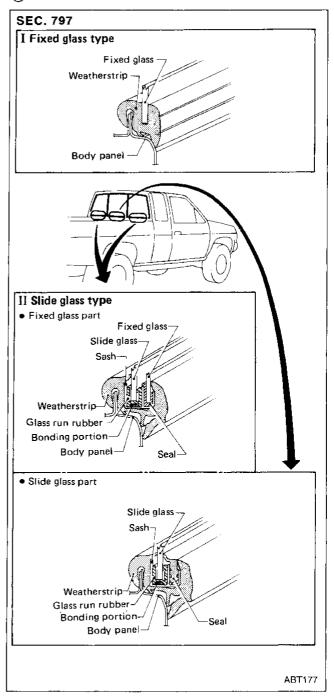
11 Door waist outer seal



12) Drafter duct

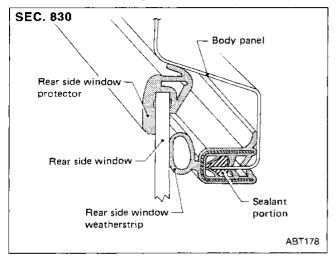


13 Back window

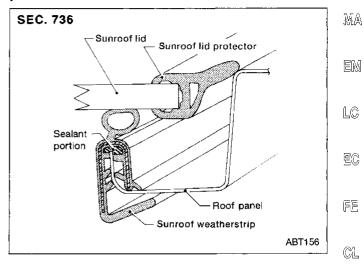


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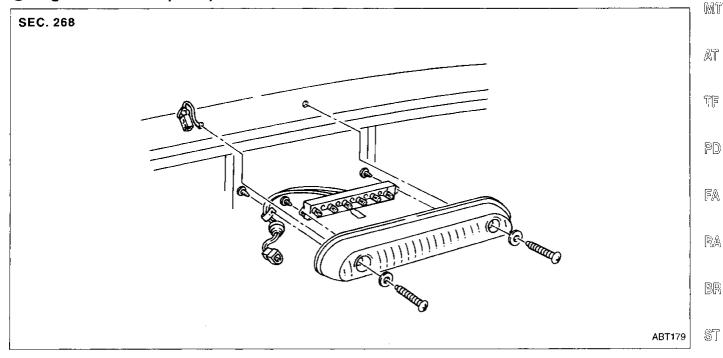
(14) (15) Rear side window weatherstrip and rear side window protector



⊕ ⊕ Sunroof weatherstrip and lid protector



[®] High-mounted stop lamp



RS

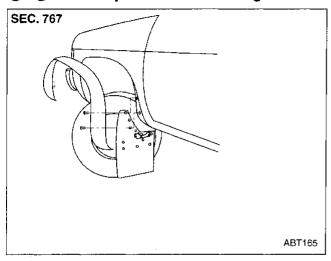
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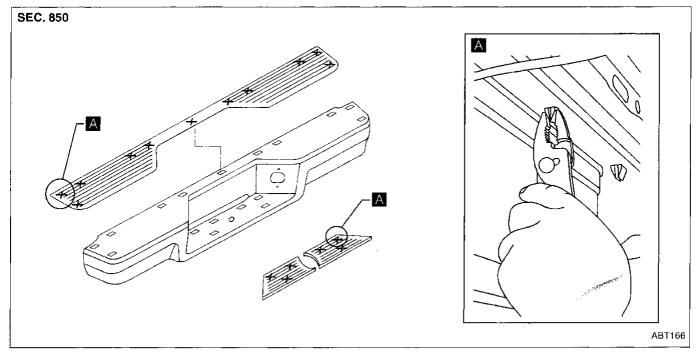
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(9) 20 Fender protector and mudguard



② Step bumper cover

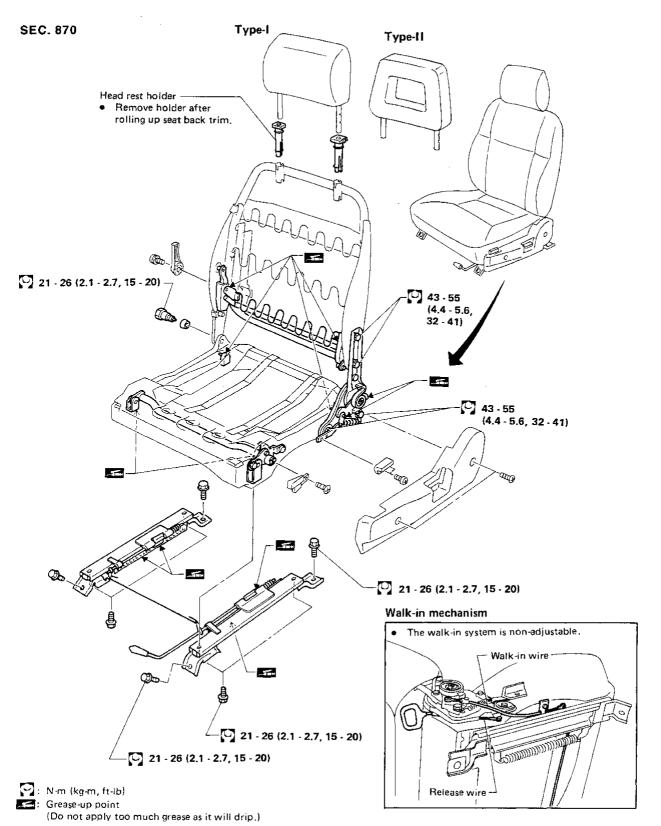


BT-22

• When removing or installing the seat trim, carefully handle it to keep dirt out and avoid damage.

Front Seat

BUCKET SEAT



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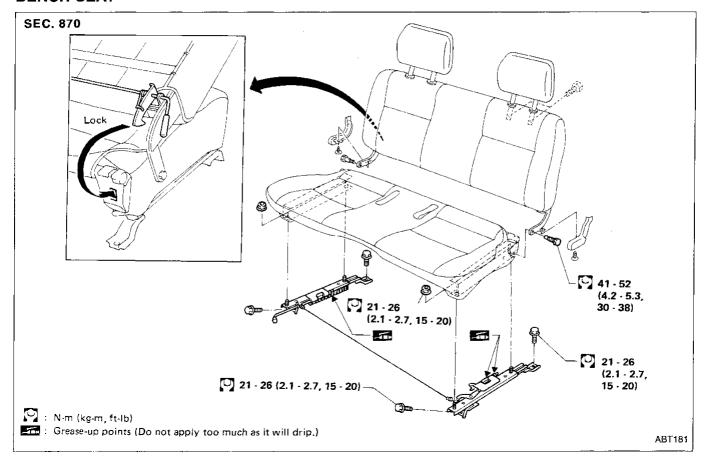
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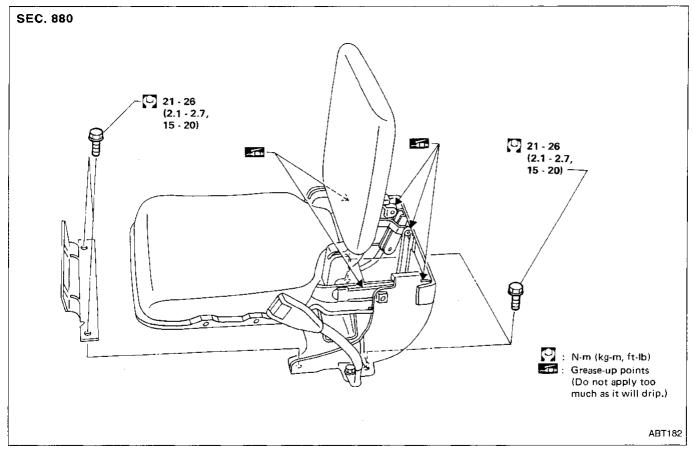
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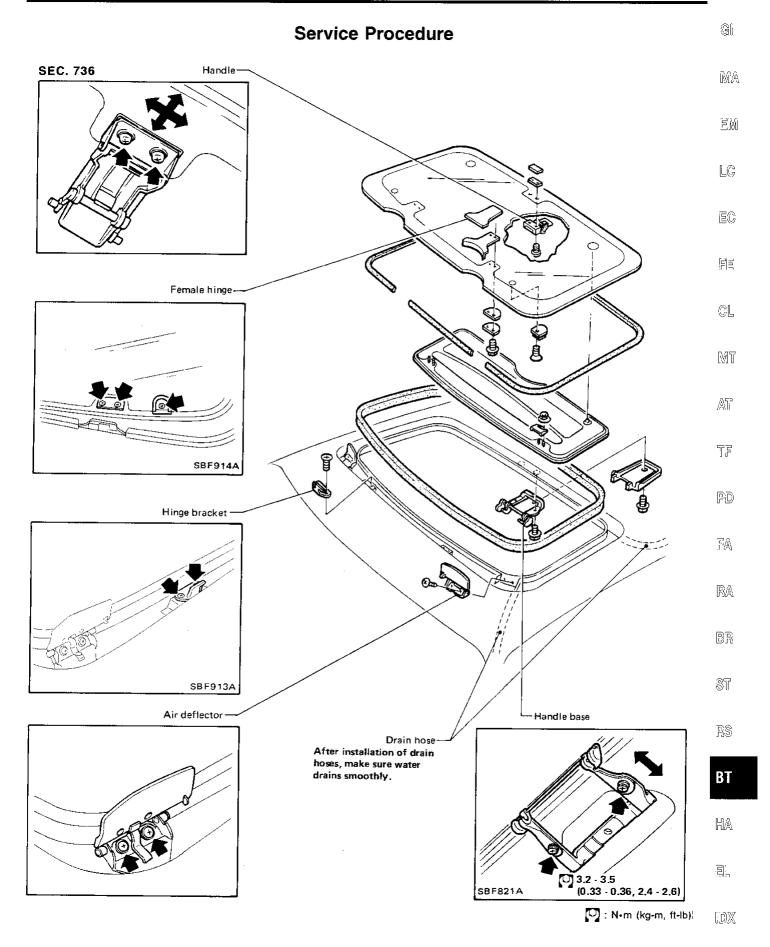
BENCH SEAT

Front Seat (Cont'd)



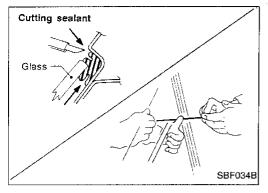
Jump Seat — King Cab Model

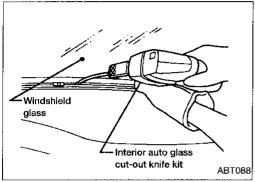


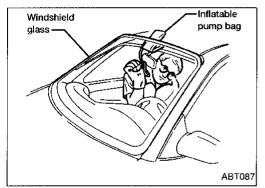


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WINDSHIELD AND WINDOWS







REMOVAL

After removing moldings, remove glass using piano wire or power cutting tool and an inflatable pump bag.

CAUTION:

Be careful not to scratch glass when removing.

INSTALLATION

- Use genuine Nissan Sealant kit or equivalent. Follow instructions furnished with it.
- After installation, the vehicle should remain stationary until the sealant hardens.

WARNING:

Keep heat and open flames away as primers are flammable.

CAUTION:

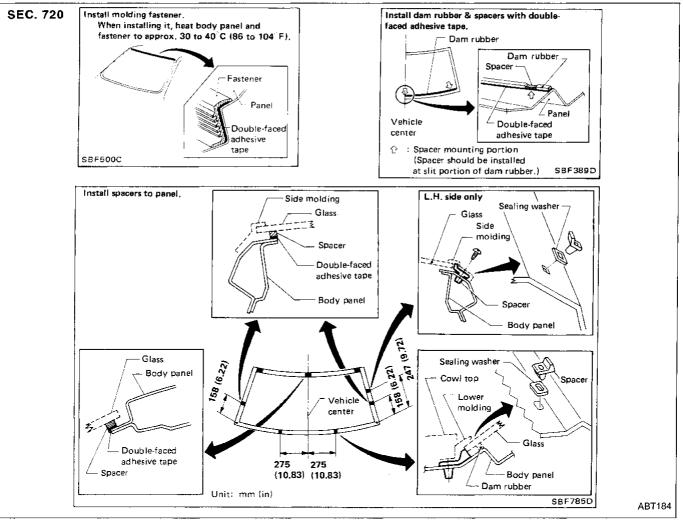
Advise the user not to drive the vehicle on rough roads or surfaces for 24 hours after installation.

- Do not use sealant which is past its usable term.
- Do not leave cartridge unattended with its cap open.
- Keep primers and sealant in a cool, dry place. Ideally, they should be stored in a refrigerator.
- Molding must be installed securely so that it is in position and leaves no gap.

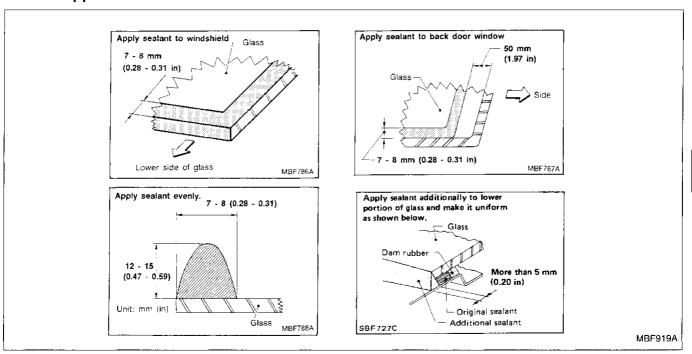
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Windshield

Body side



Sealant application areas



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WINDSHIELD AND WINDOWS

Windshield (Cont'd)

REPAIRING WATER LEAKS FOR WINDSHIELD

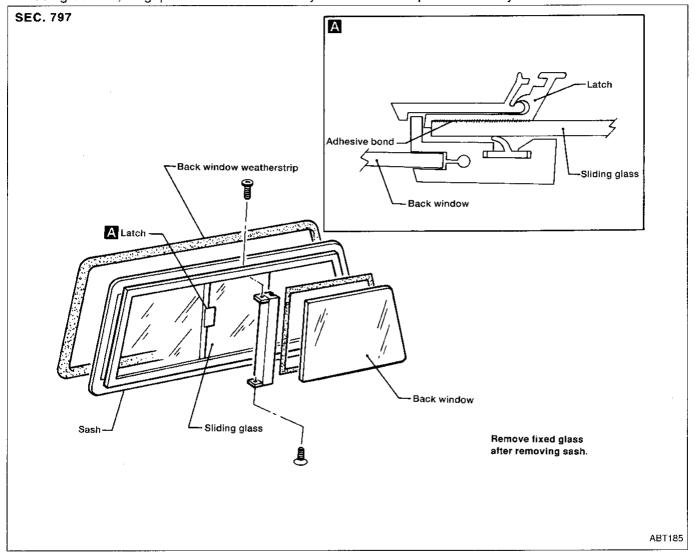
Leaks can be repaired without removing and reinstalling glass.

If water is leaking between caulking material and body or glass, determine the extent of the leak. This can be done by applying water while pushing glass outward.

To stop the leak, apply primer (if necessary) and then sealant to the leak point.

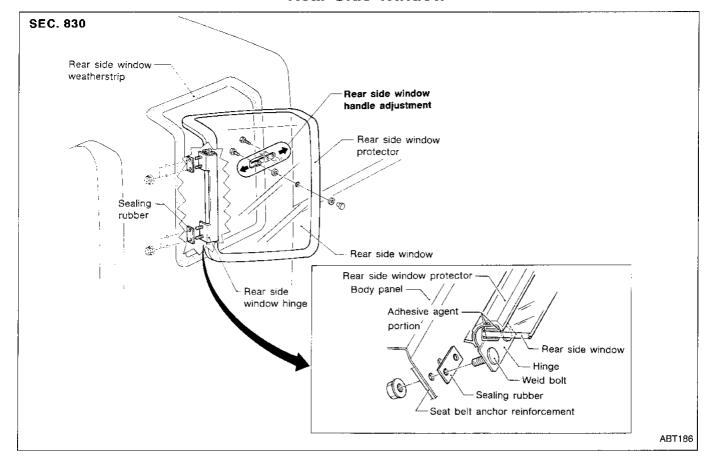
Back Window

- Window glass is held in place by weatherstripping. For details regarding weatherstrip, refer to "EXTERIOR", BT-17.
- Using sealant, fill gaps between vehicle body and weatherstrip as necessary.



WINDSHIELD AND WINDOWS

Rear Side Window



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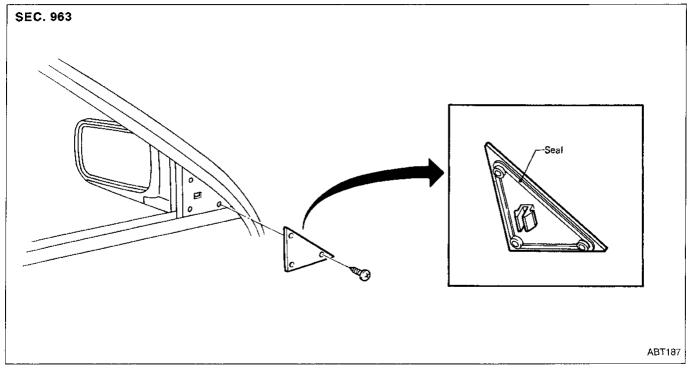
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Door Mirror

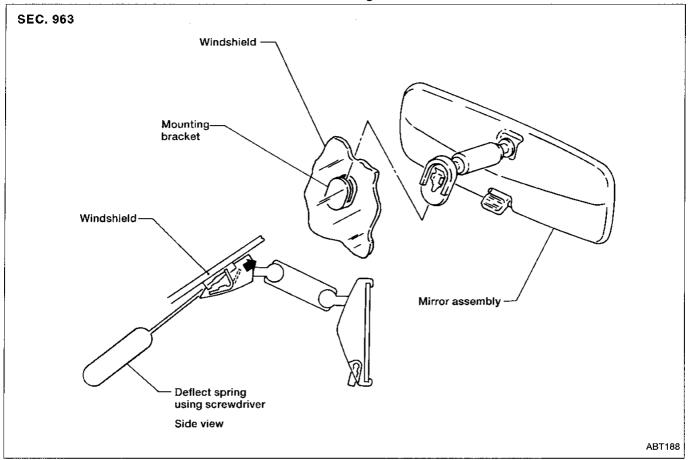


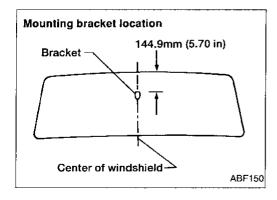
★ For Wiring Diagram, refer to "MIRROR" in EL section.

Rearview Mirror

REMOVAL

Remove rearview mirror by deflecting spring with screwdriver as shown in the figure.





INSTALLATION

- Install mounting bracket as follows:
- a. Determine mounting bracket position on windshield by measuring from top of windshield to top of mounting bracket as shown in the figure.
- Mark location on outside of windshield with wax pencil or equivalent.
- Clean attaching point on inside of windshield with an alcoholsaturated paper towel.
- d. Sand bonding surface of mounting bracket with sandpaper (No. 320 or No. 360).
- Clean bonding surface of mounting bracket with an alcoholsaturated paper towel.
- f. Apply Loctite Adhesive 11067-2 or equivalent to bonding surface of mounting bracket.
- g. Install mounting bracket at premarked position and press mounting bracket against glass for 30 to 60 seconds.
- After five minutes, wipe off excess adhesive with an alcoholmoistened paper towel.
- 2. Install rearview mirror.

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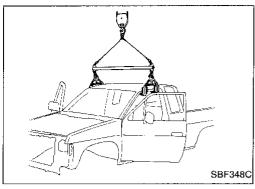
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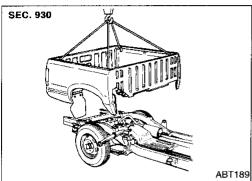
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Removal

CAB BODY

- Remove the following parts in engine compartment at least.
- (1) Main harness and other wiring harnesses
- Disconnect brake and clutch lines in engine compartment.
- Remove the following parts from underbody at least.
 Transmission and transfer control levers
- (2) Parking brake control lever and cables
- (3) Main harness and other wiring harnesses

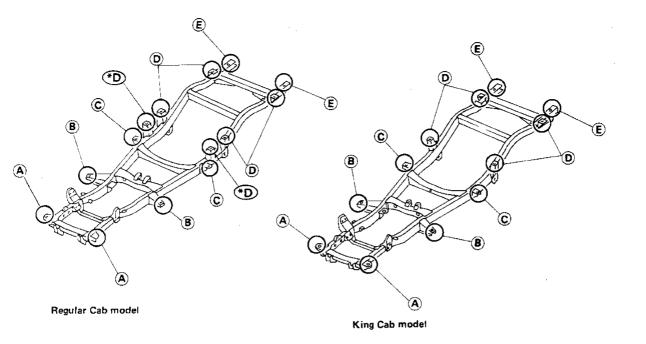
REAR BODY

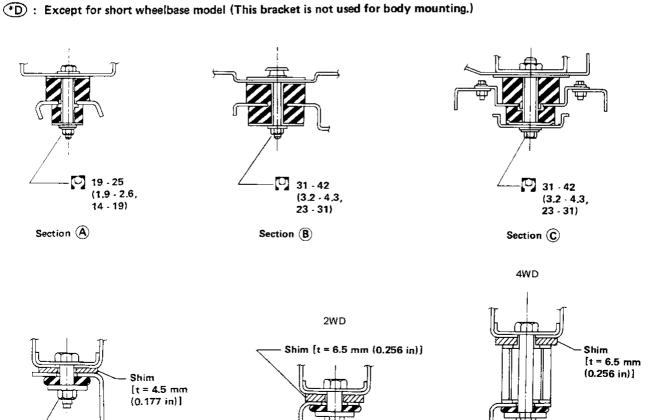
- Remove the following parts at least.
- (1) Rear combination lamp and license plate lamp harness
- (2) Fuel filler tube fixing screws

BT-32

Body Mounting

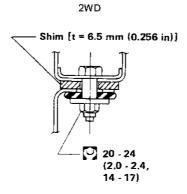
When installing, be sure to use new bolts and nuts (sealant applied bolts or self-lock nuts are used for all mounting).



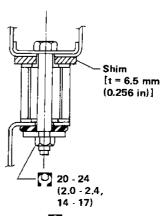


20 - 24 (2.0 - 2.4)14 - 17)

Section (D)



Section (E)



: N·m (kg-m, ft-lb)

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BODY ALIGNMENT

- All dimensions indicated in figures are actual ones.
- When using a tracking gauge, adjust both pointers to equal length. Make sure there is no free play.
- When a measuring tape is used, check to be sure there is no elongation, twisting or bending.
- Measurements should be taken at the center of the mounting holes.
- All measurements and mounting hole diameters are expressed in millimeters (mm).
- An asterisk (*) following the value at the measuring point indicates that the measuring point on the other side is symmetrically the same value.
- The coordinates of the measurement points are the distances measured from the respective dimension lines in the directions of "x", "y" and "z".

Dimension lines: "x" line — Center line of vehicle

"y" line — Center line of front axle (Any measurement point in front of the dimension line refers to a minus "—" value.)

"z" line — Datum line (Any measurement point under the dimension line refers to a minus "—" value.)

2W.SB

2W.LB

4W.SB

4W.LB

: Short wheelbase (2WD)

: Long wheelbase (2WD)

: Short wheelbase (4WD)

: Long wheelbase (4WD)

2W : 2WD

4W : 4WD

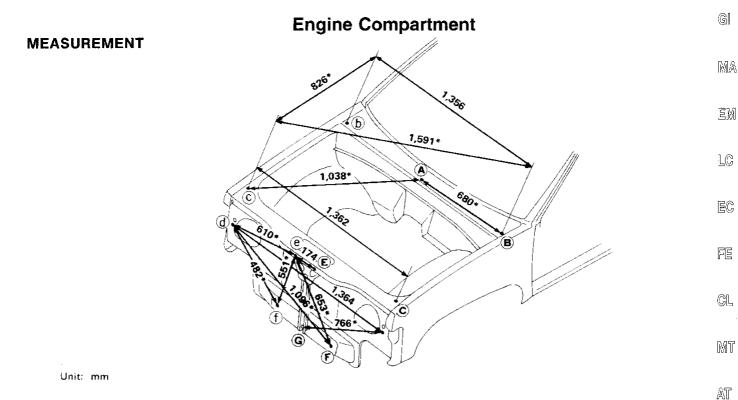
SB : Short wheelbase

LB : Long wheelbase

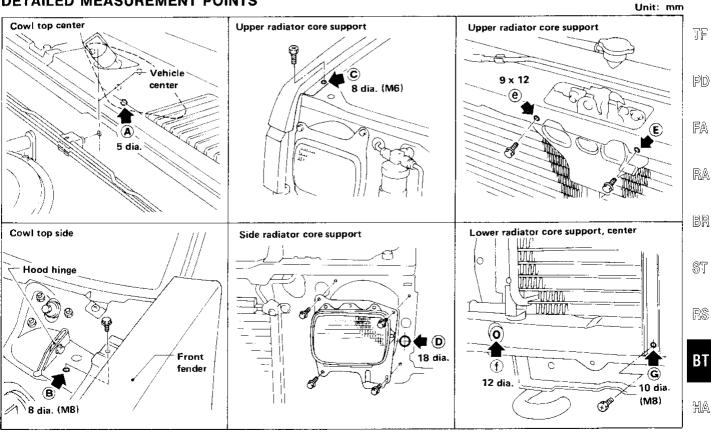
R : Regular Cab

K : King Cab

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DETAILED MEASUREMENT POINTS



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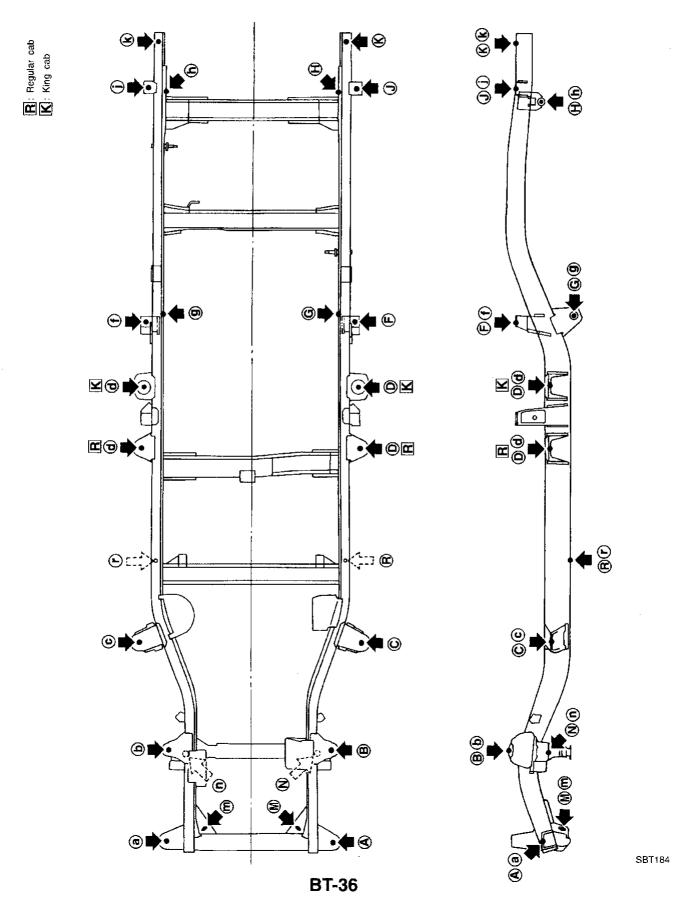
BT-35

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Underbody

MEASUREMENT POINTS

2WD models

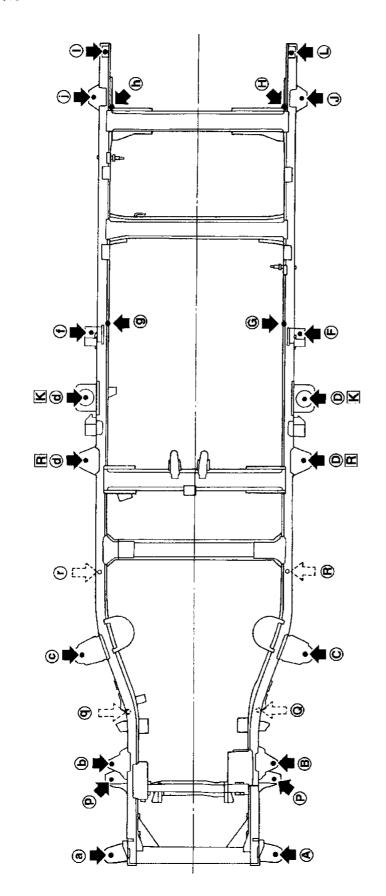


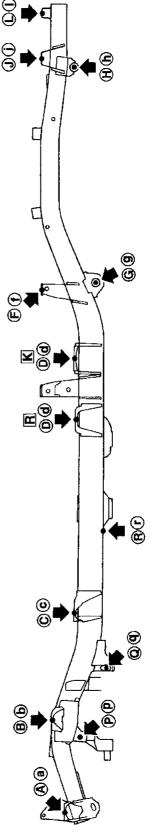
Underbody (Cont'd)

MEASUREMENT POINTS

4WD models

R|: Regular cab **K**|: King cab





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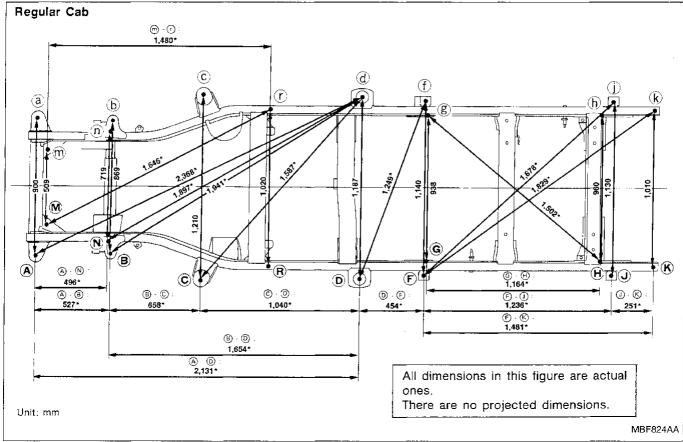
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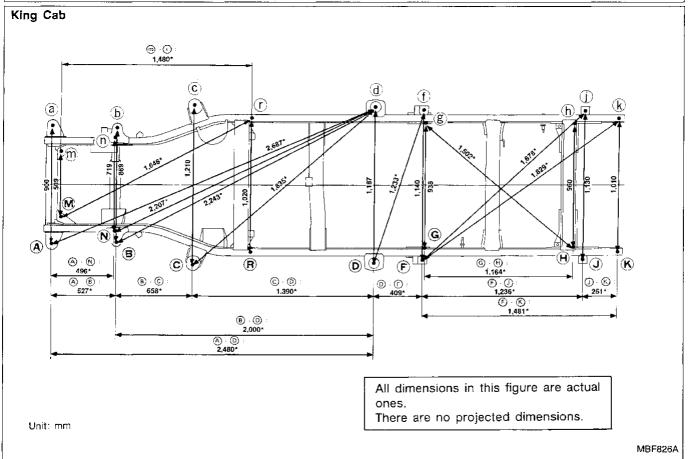
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MEASUREMENT

Underbody (Cont'd)

2WD models





Underbody (Cont'd)

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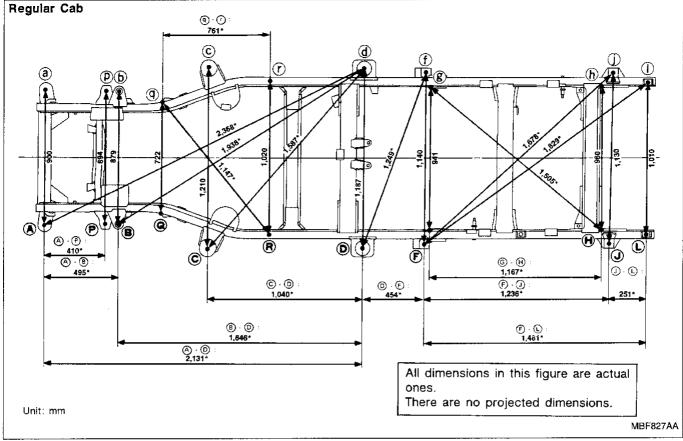
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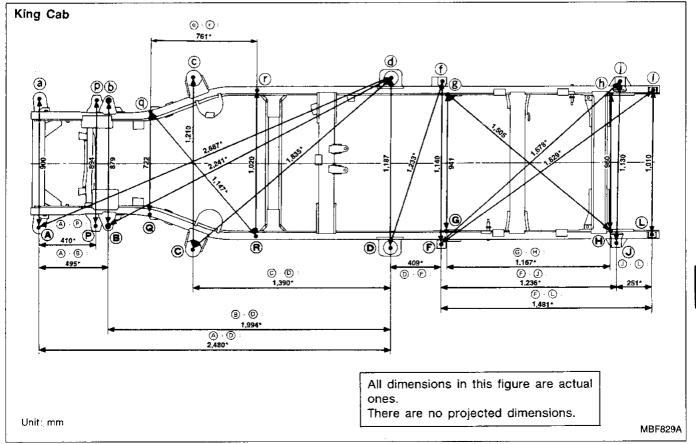
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4WD models





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BODY ALIGNMENT

Underbody (Cont'd)

DETAILED MEASUREMENT POINTS

Points	Points Hole dia. Detailed points			(Coordinates m	ım
Points	mm	Dollared points			"у"	"z"
A a	24	Center of hale on top of bracket		450.0	-488.5	2W 21.2 4W: 71.2
© ©	28		Cab body or rear body mounting insulator mounting hole	605.0	597.5	2W : -28.2 4W : 21.8
(D) (d)	85			593.5	R: 1,637.0 K: 1,987.0	2W : 15.0 4W : 35.0
(F) (T)	18			570.0	SB: 2,050.0 LB: 2,350.0	2W: 171.8 4W: 221.8
① ①	18		Cab body or rear body	565.0	SB: 3,286.0 LB: 3,586.0	2W: 171.8 4W: 221.8
(L) (I)	22		mounting insu- lator mounting hole	505.0	SB: 3,530.0 LB: 3,830.0	220.0
B b	2W : 15 4W : 15.3	2WD B 4WD B SBF668C	Hole for front shock absorber mounting at the bracket	2W]: 434.7 4W]: 439.7	2W]: 5.6 4W]: 1.4	2W]: 203.2 4W]: 142.0
© 9	12	Front mounting bracket Inner side SBF795G	Hole for rear spring front mounting at the bracket	2W]: 469.0 4W]: 470.5	2W.SB: 2,059.0 2W.LB: 2,359.0 4W.SB: 2,080.0 4W.LB: 2,380.0	2W]: -152.0 4W]: -86.0

BODY ALIGNMENT

		Underbody (Co	nt'd)				_ (
Points	Hole dia.	Detailed points		Coordinates mm			- (
roints	mm			"x"	"y"	"z"	_ [
H h	33	Front Rear mounting bracket Inner side SBF796G	Hole for rear spring rear mounting at the bracket	480.0	2W.SB: 3,209.0 2W.LB: 3,509.0 4W.SB: 3,240.0 4W.LB: 3,540.0	2W : 30.0 4W : 43.0	[]
(k) (k)	22	Side member outer	Hole for body mounting at rear of side member outer	505.0	SB: 3,530.0 LB: 3,830.0	170.0	_ Q Q T
(M) (m)	27	Front Tension rod bracket M m SBF798G	Hole for tension rod mounting at the bracket	254.6	417.1	-92.3	- GC CC CCC CCC CCC CCC CCC CCC CCC CCC
(S)	9	Bumper rubber SBF799G	Hole for locat- ing at bound bumper bracket	359.5	-3.2	-23.5	

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BODY ALIGNMENT Underbody (Cont'd)

District	Hole dia.			C	Coordinates n	nm
Points	Points Points Detailed points			"x"	"у"	"z"
P P	10.5	SBF800G	Hole for rebound bumper mounting at lower link bracket	447.0	-88.0	-14.9
@ @	27	Compression rod bracket Front a @ @ SBF801G	Hole for com- pression rod mounting at the bracket	361.1	294.5	-158.9
® •	13	Side member outer R (r) SBF802G	Hole for wax- ing at lower side of side member outer	510.0	1,040.0	-135.0