

SECTION **BF**

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- ★ For seat belt, refer to MA section.
- ★ For winch, refer to SE section.

When you read wiring diagrams:

- Read GI section, "HOW TO READ WIRING DIAGRAMS".
- See EL section, "POWER SUPPLY ROUTING" for power distribution circuit.




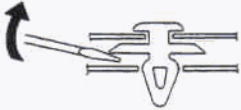

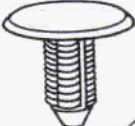
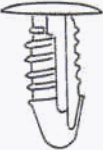
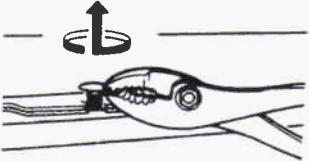





GENERAL SERVICING

Precautions

- When removing or installing various parts, place a cloth or padding onto the vehicle body to prevent scratches.
- Handle trim, molding, instruments, grille, etc. carefully during removing 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.



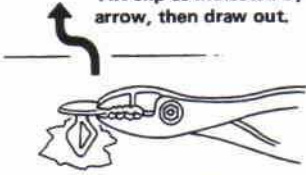




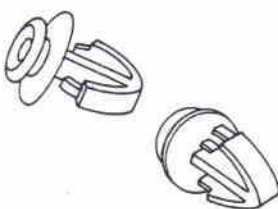
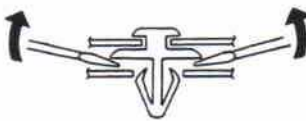
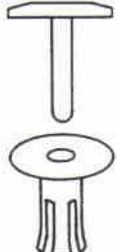

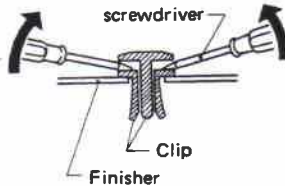

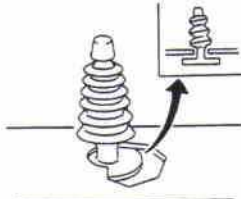
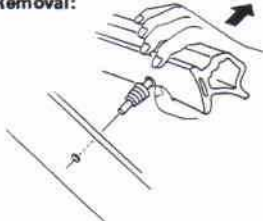
Clip and Fastener

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

No.	Symbol	Shape	Removal & Installation
C101		 SBF092B	 SBF109B Removal: Remove by bending up with a flat-bladed screwdriver.  SBF094B
C102		 SBF114B  SBF137B SBF113B	 Removal: Pull up by rotating SBF115B
C103		 SBF110B  SBF111B	 Removal: Remove with flat-bladed screwdrivers or pliers.  SBF112B


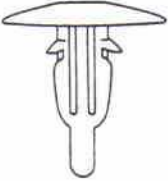
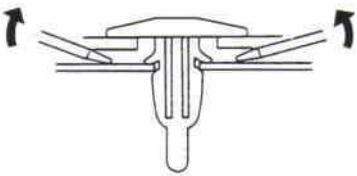



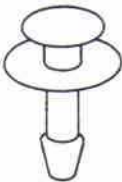
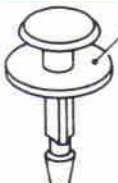

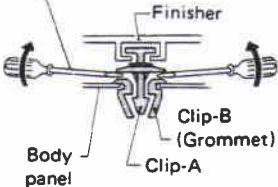
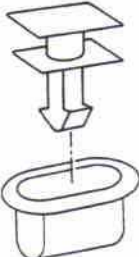


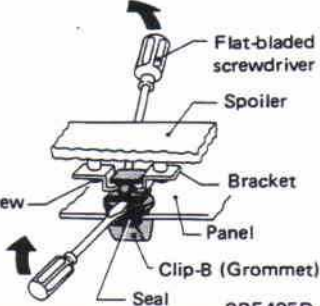

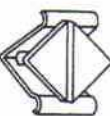




GENERAL SERVICING

Clip and Fastener (Cont'd)

No.	Symbol	Shape	Removal & Installation
C105			<p>Removal: Tilt clip as indicated by arrow, then draw out.</p> 
	SBF141B	SBF142B	SBF143B
C106			<p>Removal: Remove with flat-bladed screwdrivers or pliers.</p> 
	SBF089B	SBF090B	SBF091B
C107			<p>Removal: Remove by bending up with flat-bladed screwdrivers.</p> 
	SBF365B	SBF366B	SBF367B
C205			<p>Removal: Flat-bladed screwdriver Clip Finisher</p> 
	SBF636C	SBF637C	SBF638C
CE103			<p>Removal:</p> 
	SBF103B	SBF104B	SBF147B

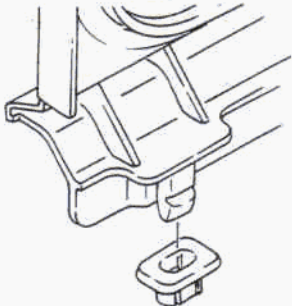

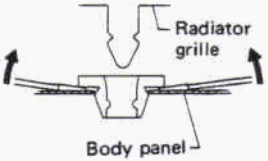


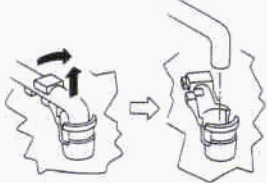


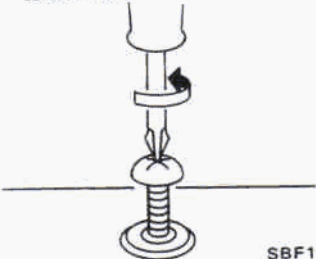
GENERAL SERVICING

Clip and Fastener (Cont'd)

No.	Symbol	Shape	Removal & Installation	
CE117			Removal: Remove with flat-bladed screwdrivers or pliers. 	
	SBF173D	SBF174D	SBF175D	
CF105			Removal: 	
	SBF371B	SBF372B	SBF373B	
CF113		 Clip-A  Clip-B (Grommet)	Removal: Flat-bladed screwdriver Finisher Body panel Clip-B (Grommet) Clip-A 	
	SBF035C	SBF036C	SBF652B	
CF120		 Clip-A  Seal Clip-B (Grommet)	 Flat-bladed screwdriver Spoiler Bracket Panel Clip-B (Grommet) Seal	
	SBF433D	SBF434D	SBF435D	
CG101		 	Removal  Rotate 45° to remove.	Installation 
	SBF144B	SBF145B	Removal 	SBF085B

GENERAL SERVICING

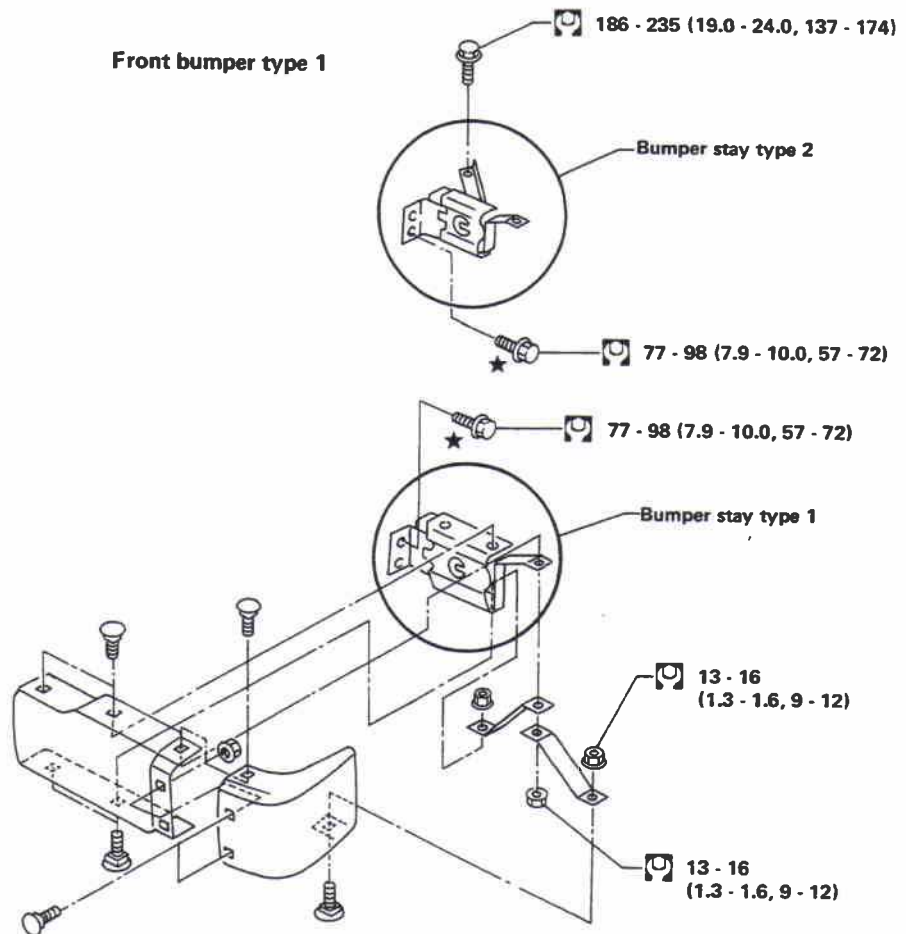
Clip and Fastener (Cont'd)

No.	Symbol	Shape	Removal & Installation
CG104			<p>Removal: Remove by bending up with flat-bladed screwdrivers.</p>  <p>Radiator grille Body panel</p> <p>SBF351C</p> <p>SBF352C</p>
CR103			<p>Removal: Holder portion of clip must be spread out to remove rod.</p>  <p>SBF768B</p> <p>SBF770B</p>
CS102			<p>Removal: Screw out with a Phillips screwdriver.</p>  <p>SBF138B</p> <p>SBF139B</p> <p>SBF140B</p>

BODY END

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 increases effort required to unlock hood.
- Front grille: It is made of plastic, so do not use excessive force and take care to keep oil away from it.



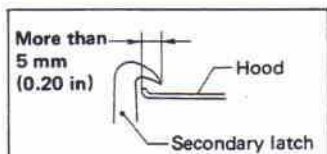
BODY END

Front End (Cont'd)

Hood lock adjustment

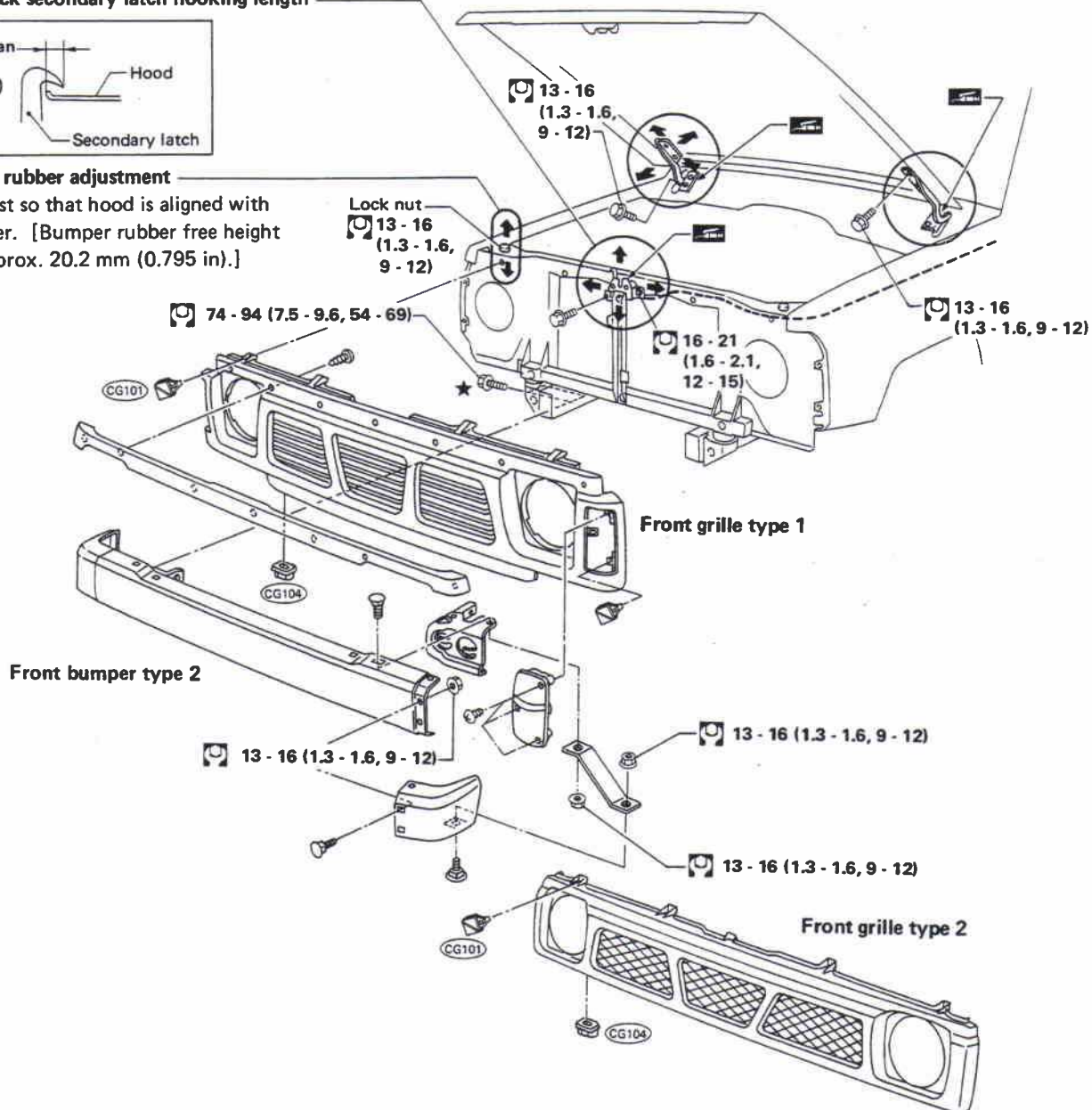
- Adjust lock so that hood primary lock meshes at a position where hood is 1 to 1.5 mm (0.039 to 0.059 in) lower than fender.
- After hood lock adjustment, adjust bumper rubber.
- When securing hood lock, ensure it does not tilt. Striker must be positioned at the center of hood primary lock.
- After adjustment, ensure that hood primary and secondary lock operate properly.

Hood lock secondary latch hooking length



Bumper rubber adjustment

- Adjust so that hood is aligned with fender. [Bumper rubber free height is approx. 20.2 mm (0.795 in).]



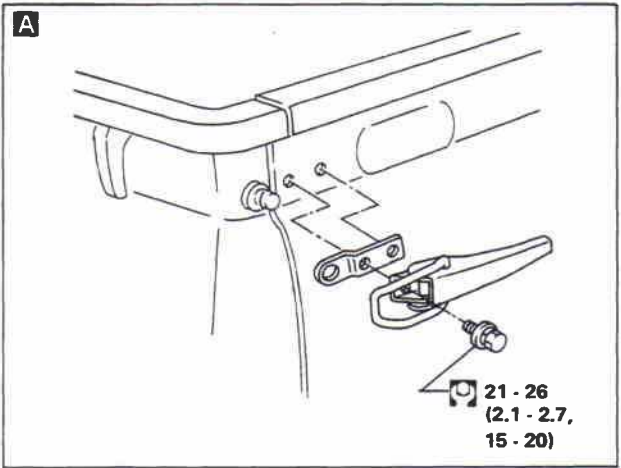
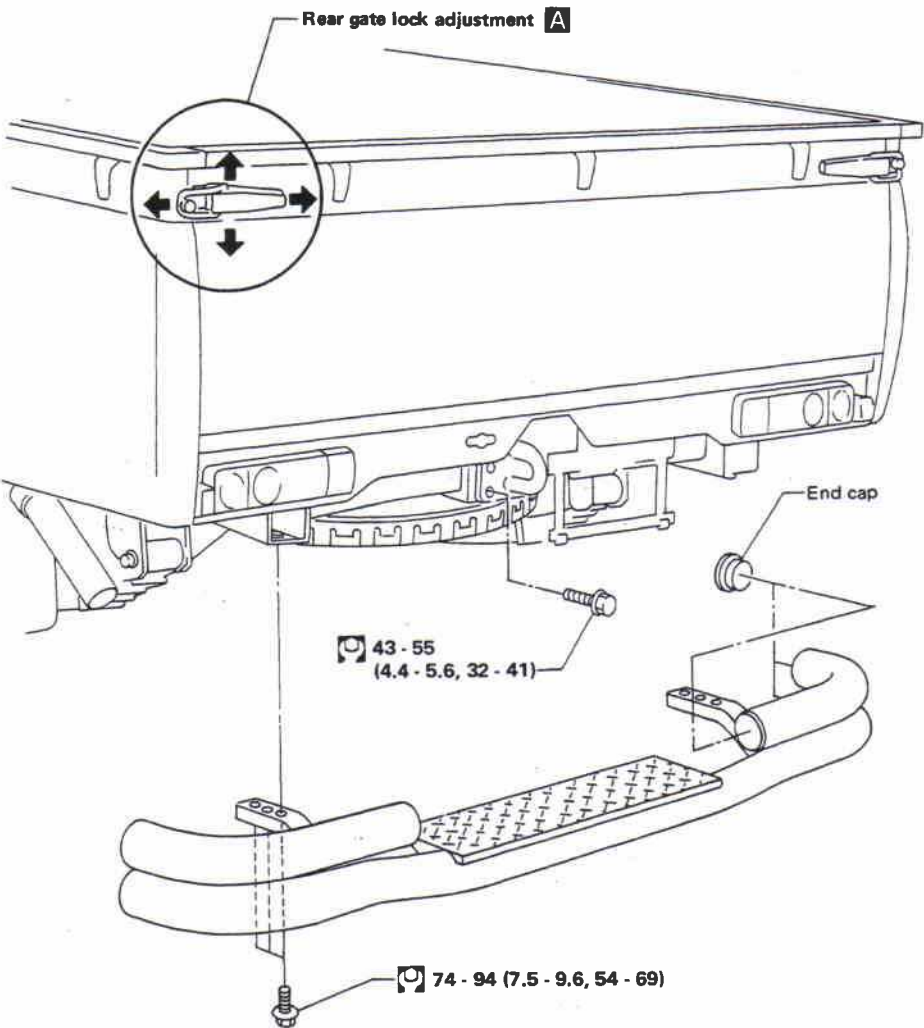
★ : Bumper assembly mounting bolts
 □ : N-m (kg-m, ft-lb)

SBF943D

BODY END

Rear End

PICKUP



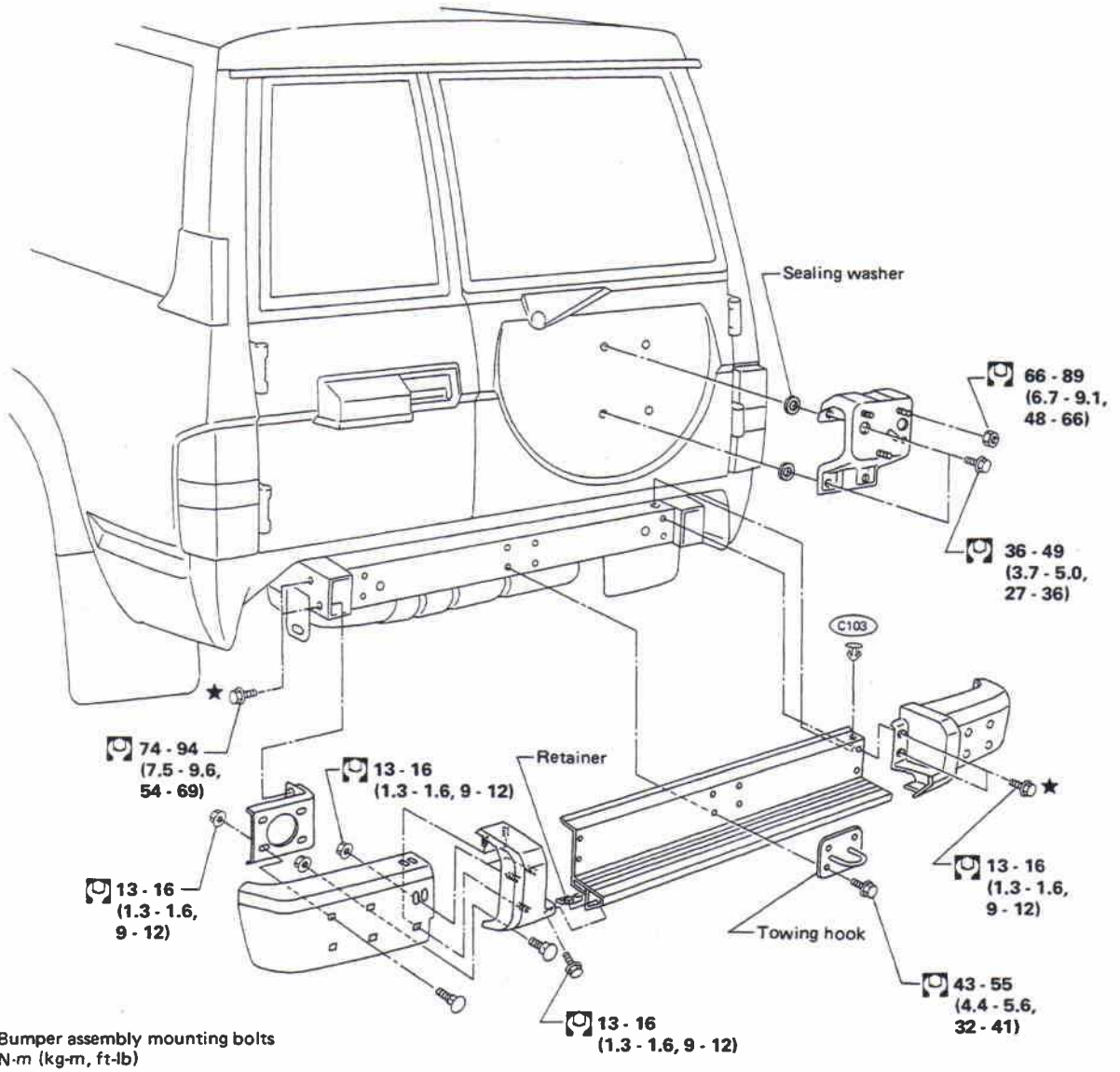
 : N·m (kg·m, ft·lb)

SBF945D

BODY END

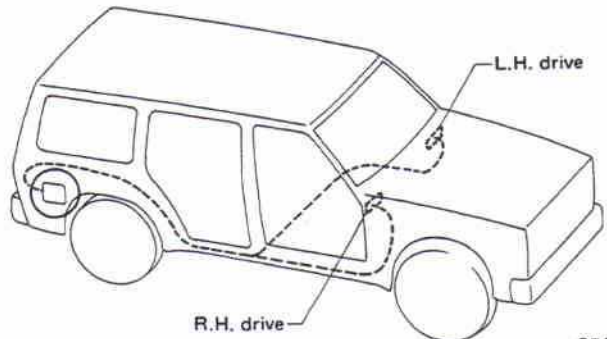
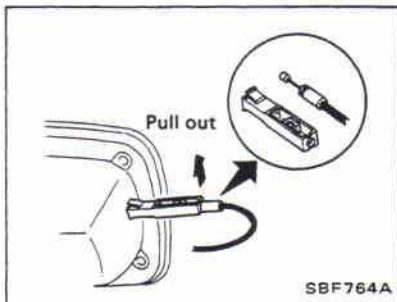
Rear End (Cont'd)

WAGON AND HARDTOP



Fuel filler lid opener

- Opener cable: Do not attempt to bend cable using excessive force.
- After installation, make sure that fuel filler lid open smoothly.



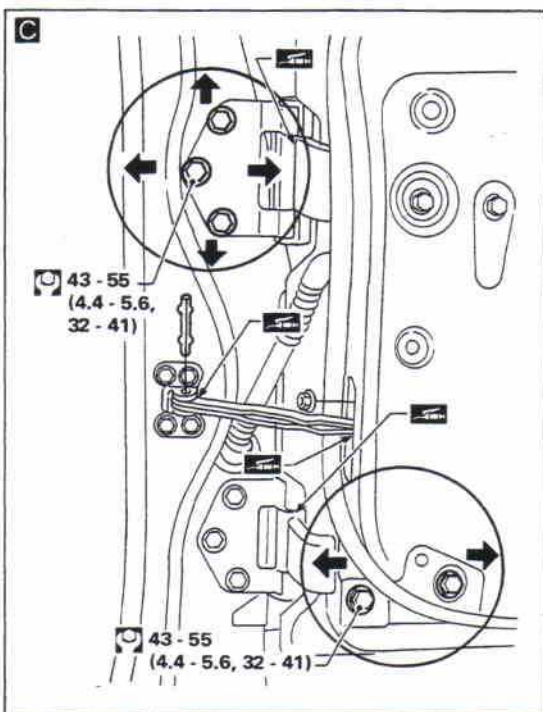
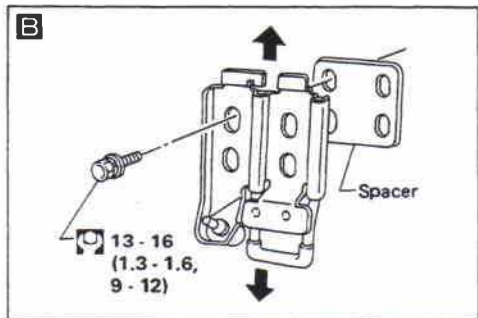
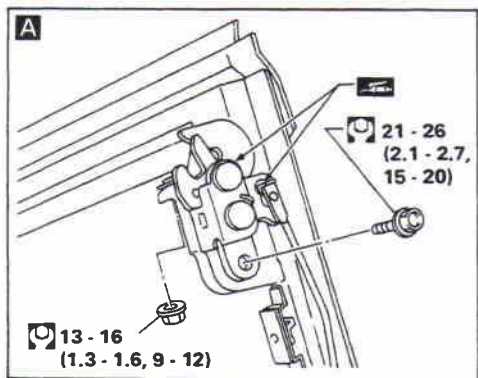
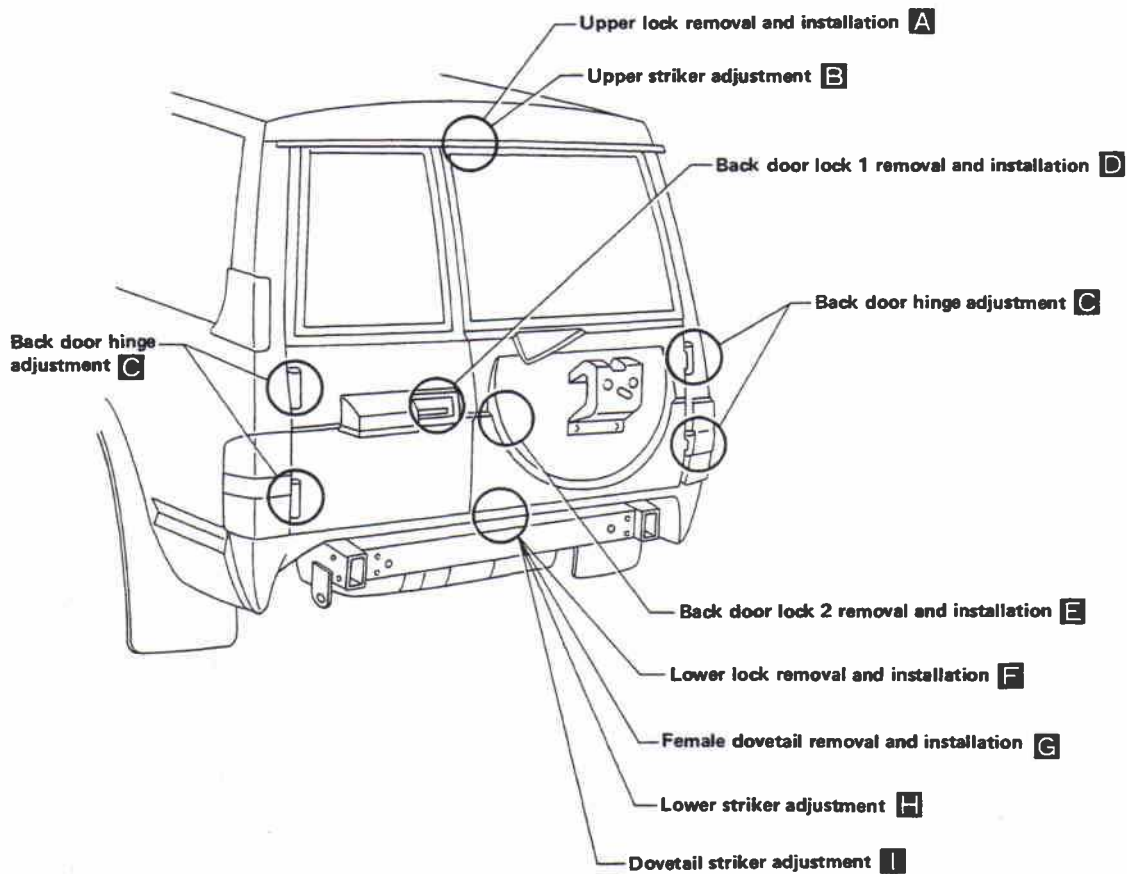
SBF947D

SBF944D

BODY END

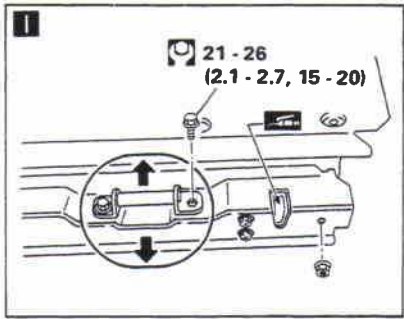
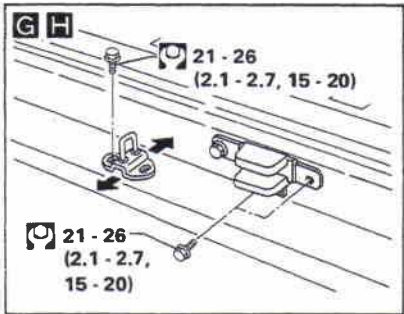
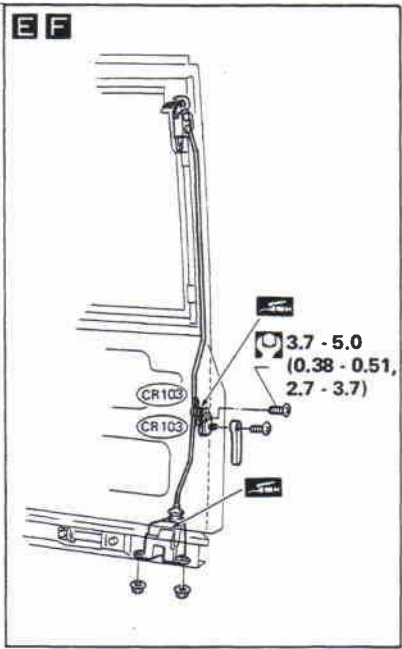
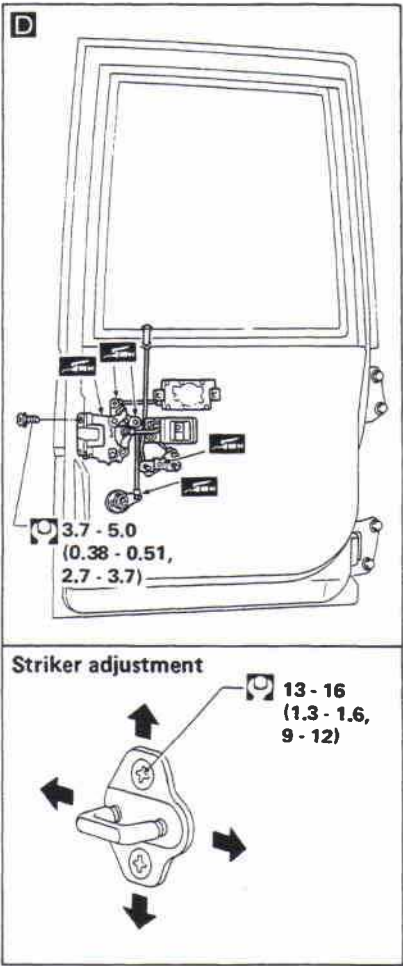
Rear End (Cont'd)

- Back door lock system adjustment: Adjust lock so that it is in the center of the striker. After adjusting, check back door lock operation.



BODY END

Rear End (Cont'd)



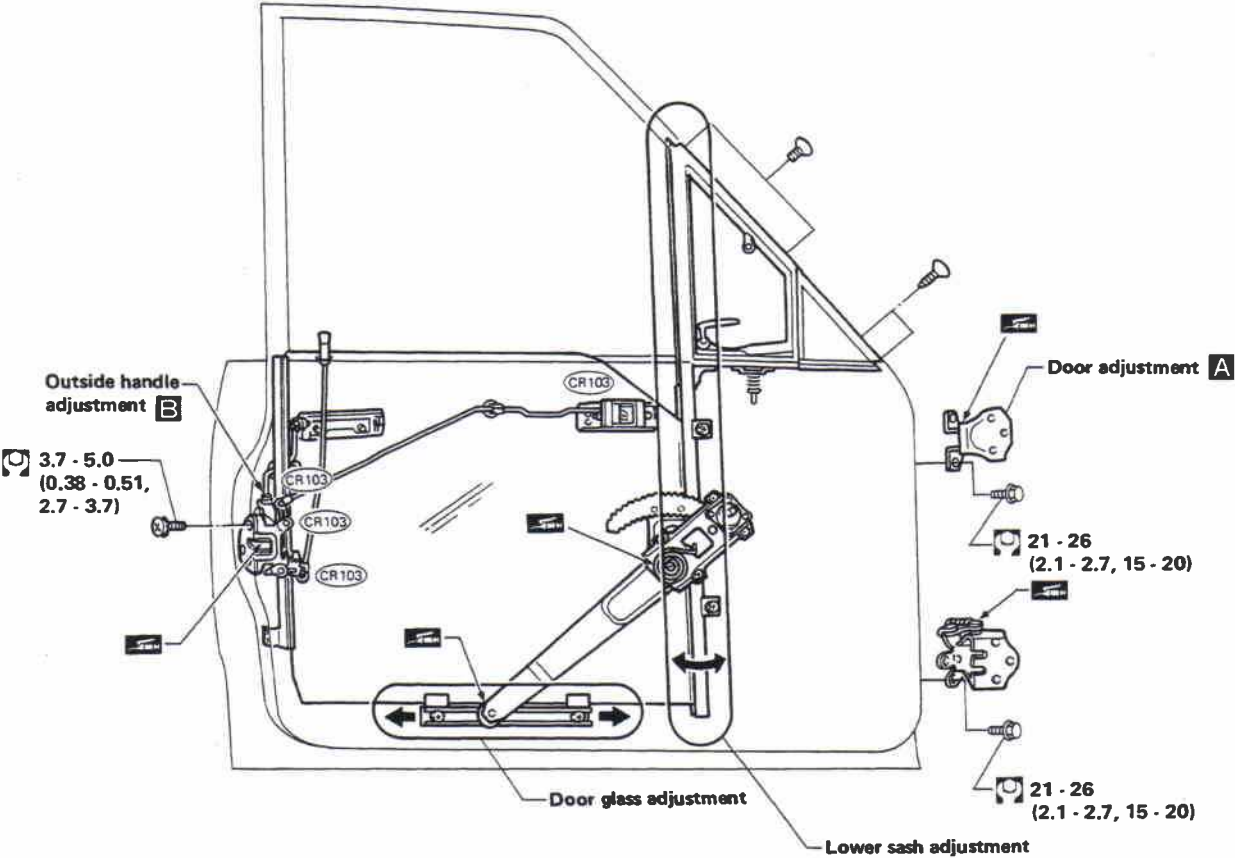
 : N·m (kg-m, ft-lb)

DOOR

- When removing or adjusting door, remove fender protector first.
- After adjusting door or door lock, check door lock operation.

Front Door

TYPE 1



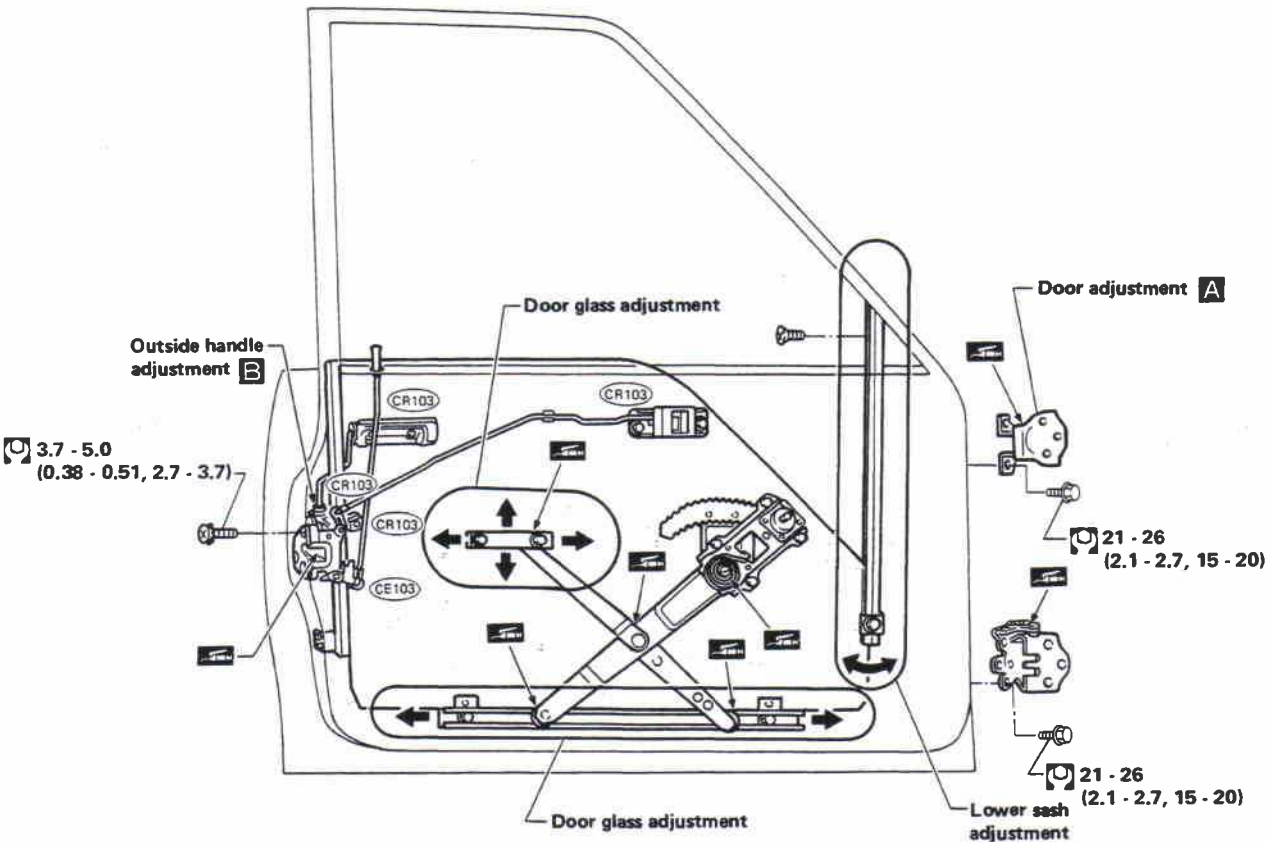
: N·m (kg·m, ft·lb)

SBF948D

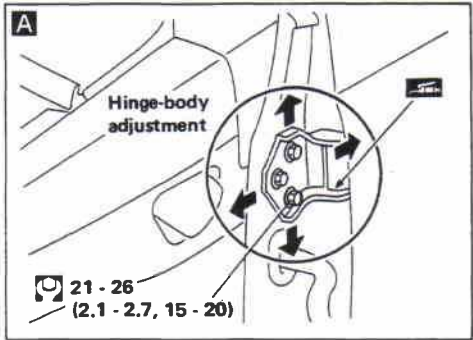
DOOR

Front Door (Cont'd)

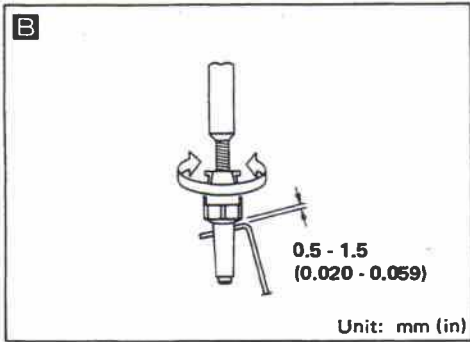
TYPE 2



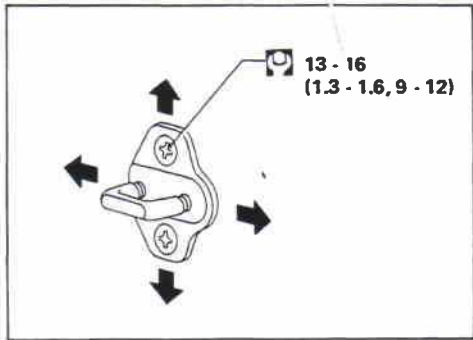
Door adjustment



Outside handle adjustment



Striker adjustment

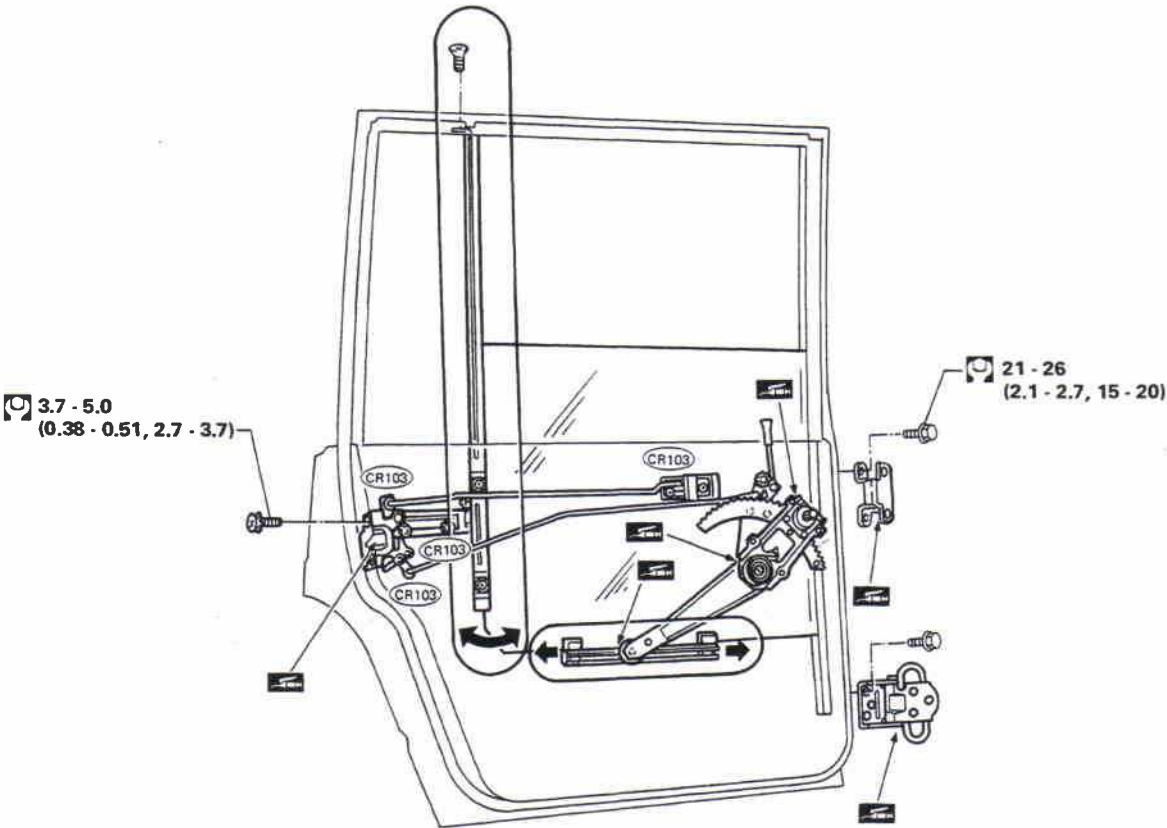


⌚ : N·m (kg·m, ft·lb)

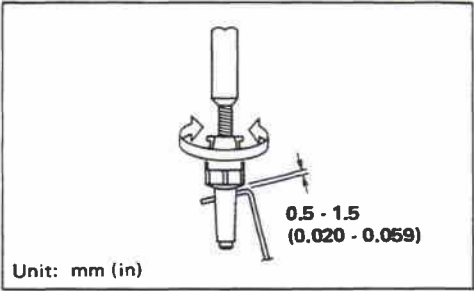
SBF949D

DOOR

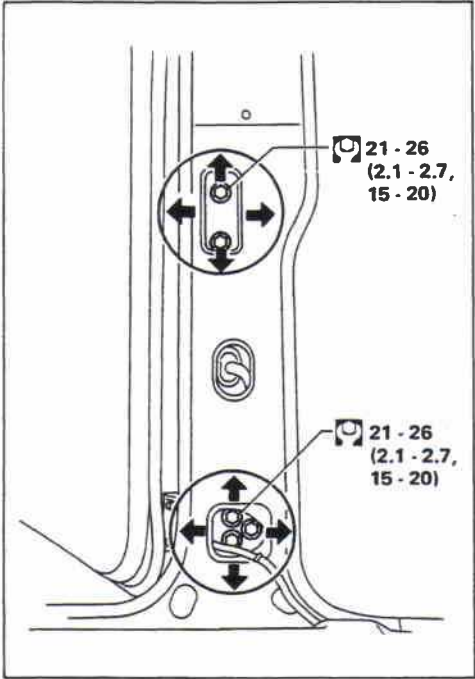
Rear Door



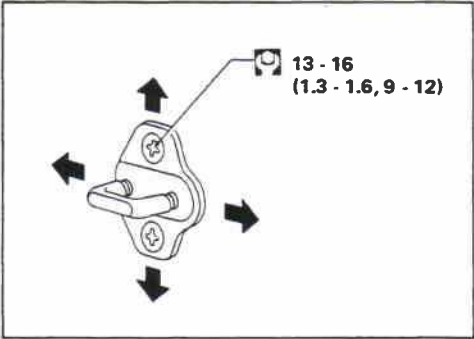
Outside handle adjustment



Door adjustment



Striker adjustment



\square : N·m (kg·m, ft·lb)

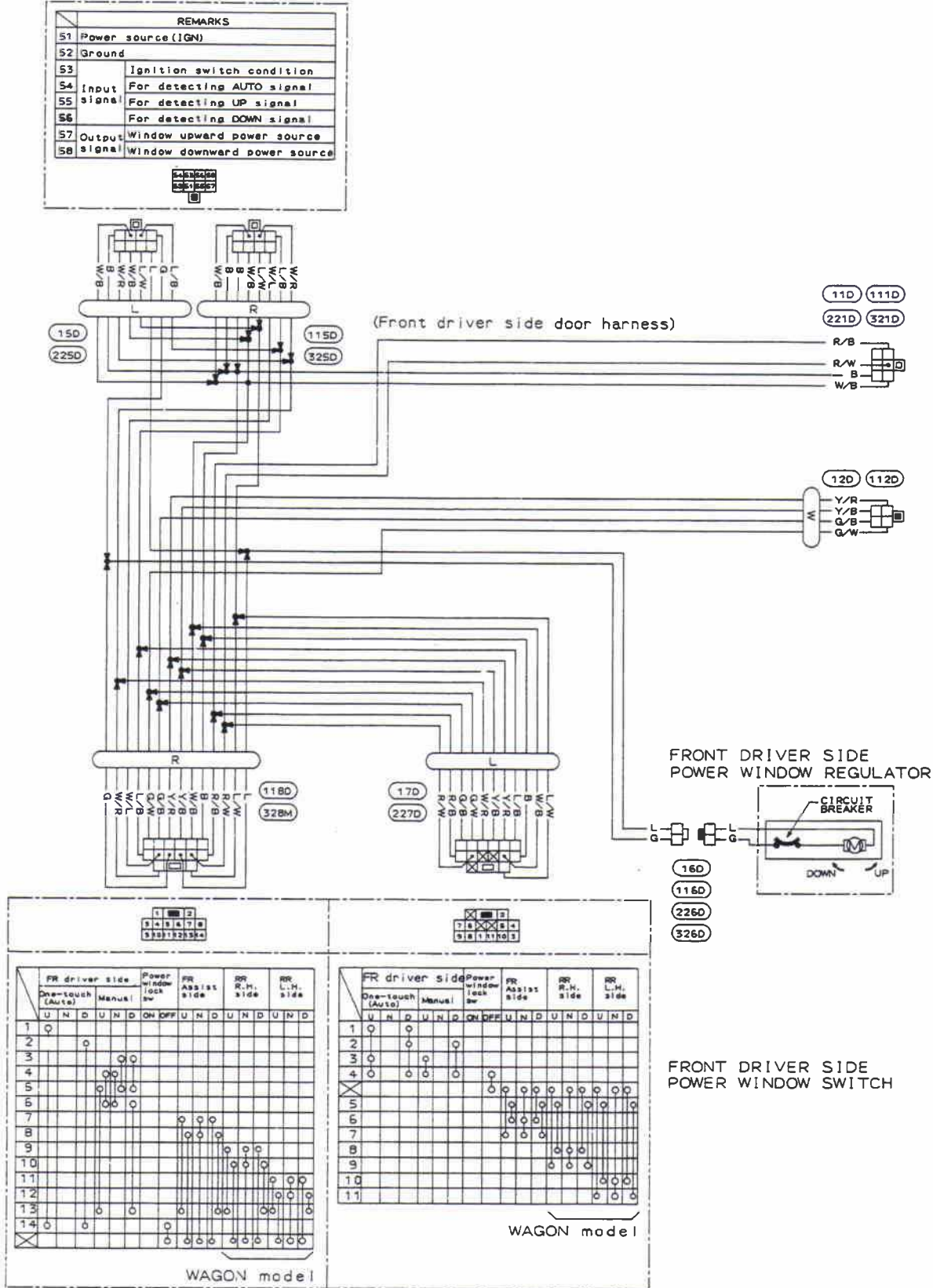
SBF950D

DOOR

Power Window

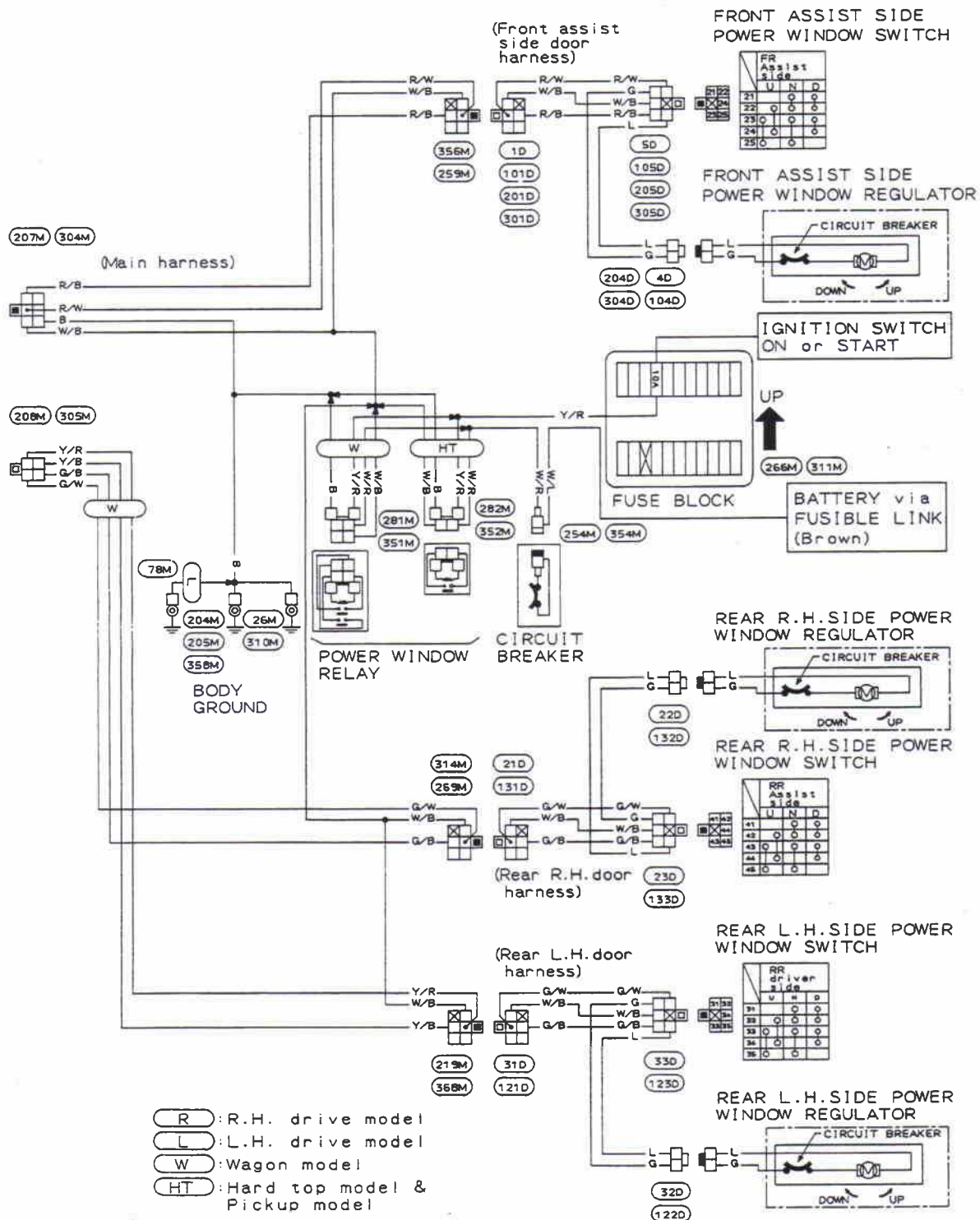
WIRING DIAGRAM

POWER WINDOW AMP. -Front driver side door (inside of trim)



DOOR

Power Window (Cont'd)



SEF602E

DOOR

Power Window (Cont'd)

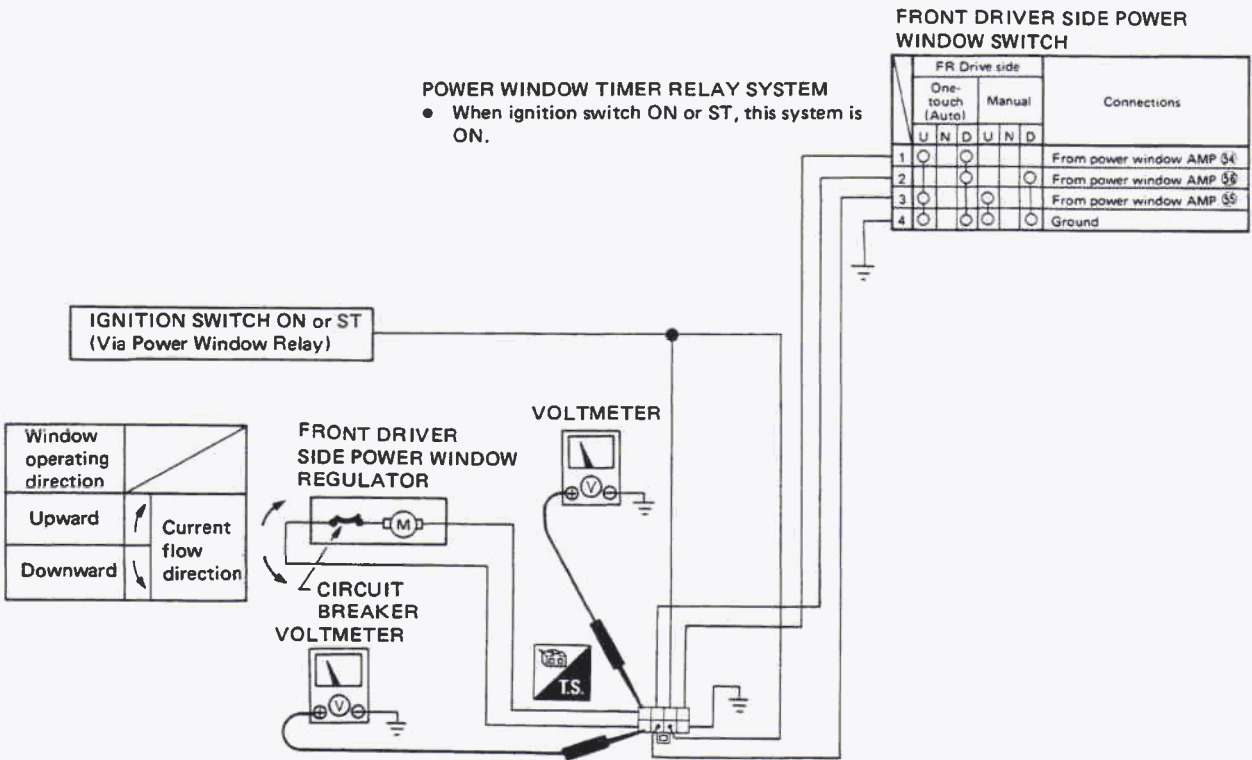
ONE-TOUCHE (Auto) OPERATION

Power window system is designed to fully open or close the driver's window automatically by one-touch (Auto) operation of driver's door window switch. Stopping the window at the fully open or closed position is done by power window AMP. operation.

POWER WINDOW AMP. INSPECTION (L.H.D. model)

POWER WINDOW TIMER RELAY SYSTEM

- When ignition switch ON or ST, this system is ON.



AMP. OPERATION

Connections	Operations							
	Manual operation				One-touch (Auto) Operation			
51 Power source (IGN)	12V	12V	12V	12V	12V	12V	12V	12V
52 Ground	Ground	Ground	Ground	Ground	Ground	Ground	Ground	Ground
53 From ignition SW (ON or ST)	ON or ST	ON or ST	ON or ST	ON or ST	ON or ST	ON or ST	ON or ST	ON or ST
54 To FR driver side power window SW (AUTO) (1)	OFF	OFF	OFF	OFF	ON	OFF	ON	OFF
55 To FR driver side power window SW (UP) (3)	OFF	ON	OFF	OFF	ON	OFF	OFF	OFF
56 To FR driver side power window SW (DOWN) (2)	OFF	OFF	ON	OFF	OFF	OFF	ON	OFF
57 FR driver side regulator (Upward power source)	Approx. 0V	Approx. over 9V	Approx. 0V	Approx. 0V	Approx. over 9V	Approx. over 9V	Approx. 0V	Approx. 0V
58 FR driver side regulator (Downward power source)	Approx. 0V	Approx. 0V	Approx. over 9V	Approx. 0V	Approx. 0V	Approx. 0V	Approx. over 9V	Approx. over 9V
Regulator Operating Condition	Stop	Upward operation	Downward operation	Stop	Starting	Keeping operation until fully closed, then stops automatically.	Starting	Keeping operation until fully open, then stops automatically.
					Upward operation		Downward operation	

Carry out this operation check in this chart from left to right continuously.

POWER WINDOW AMP. – Front driver side door (Behind door trim)

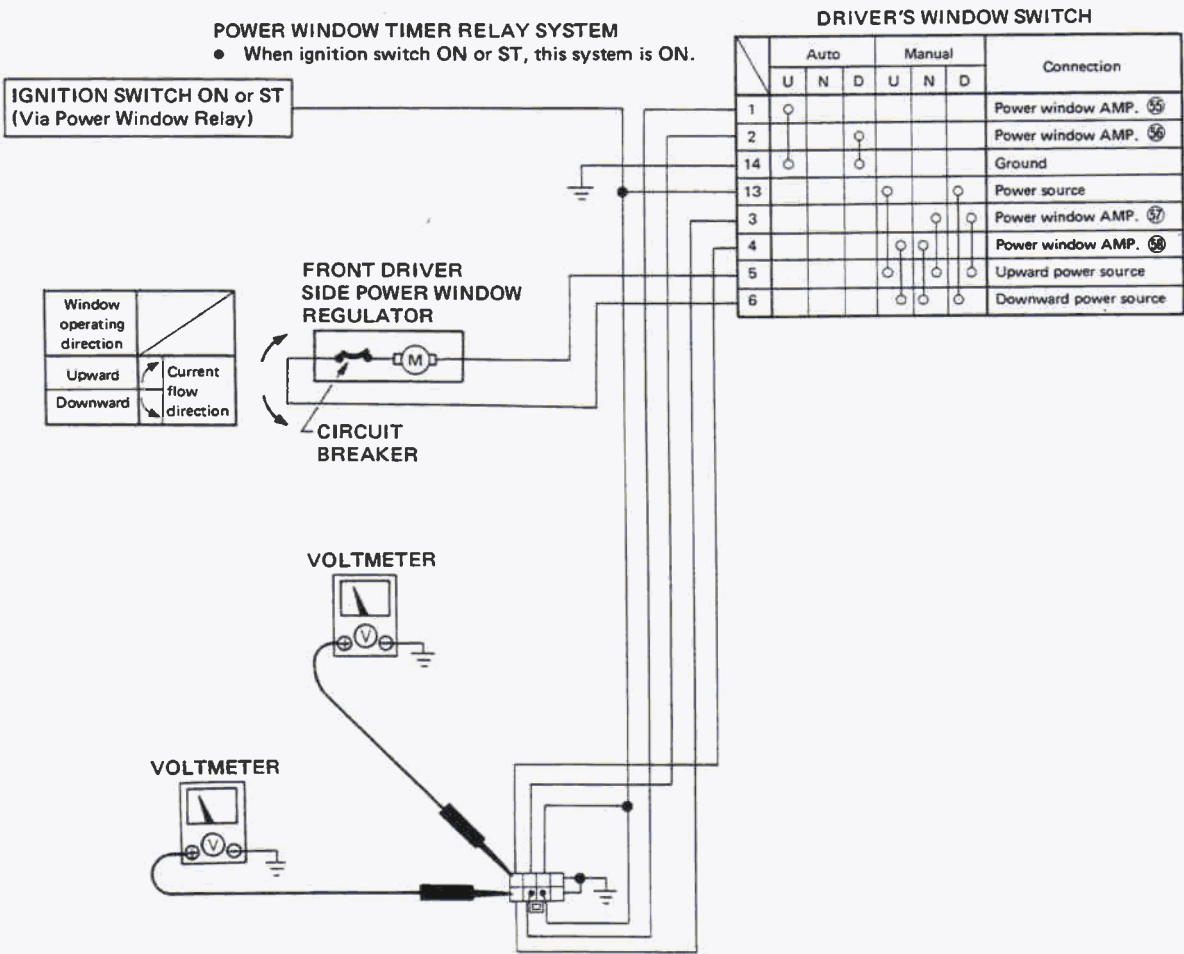
SBF058E

When current flows excessively, circuit breaker will cut off current to prevent damage to the system.

DOOR

Power Window (Cont'd)

POWER WINDOW AMP. INSPECTION (R.H.D. model)



AMP. OPERATION

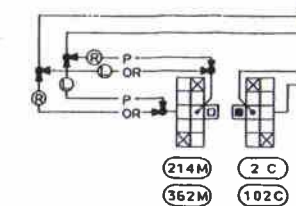
Connections			Operations				
			One-touch (Auto) Operation				
51	Power source ignition SW (ON or ST)		12V	12V	12V	12V	12V
52	Ground		Ground	Ground	Ground	Ground	Ground
53	Power source ignition SW (ON or ST)		12V	12V	12V	12V	12V
54	Ground		Ground	Ground	Ground	Ground	Ground
55	Input signal	Driver's window SW ① (AUTO UP)	OFF	ON	OFF	OFF	OFF
56		Driver's window SW ② (AUTO DOWN)	OFF	OFF	OFF	ON	OFF
57	Output signal	Driver's window SW ③ (AUTO UP power source)	Approx. 0V	Approx. over 9V	Approx. over 9V	Approx. 0V	Approx. 0V
58		Driver's window SW ④ (AUTO DOWN power source)	Approx. 0V	Approx. 0V	Approx. 0V	Approx. over 9V	Approx. over 9V

Regulation operation	Stop	Starting	Keeping operation until fully closed, then stops automatically.	Starting	Keeping operation until fully open, then stops automatically.
		Upward operation		Downward operation	

Carry out this operation check in this chart from left to right continuously.

POWER WINDOW AMP. – Front driver side door (Behind door trim)

Power Door Lock



DOOR

Power Door Lock (Cont'd)

DOOR LOCK TIMER INSPECTION

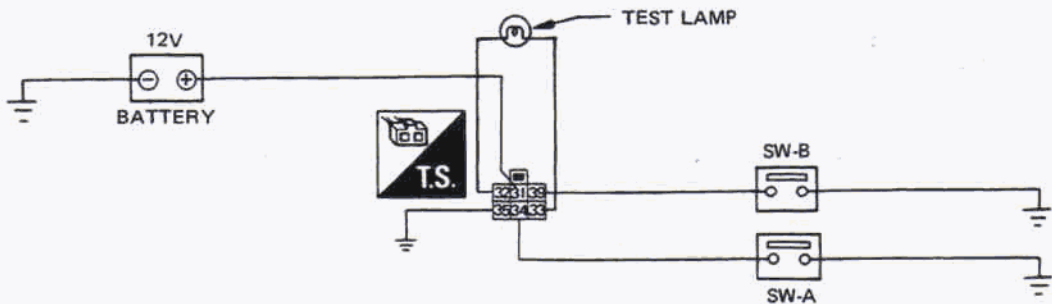
TESTING OPERATION

Input signal	SW-A operation	OFF	Turns ON	ON	Turns OFF	OFF	OFF	OFF	Turns ON	Turns OFF
	SW-B operation	OFF	OFF	OFF	OFF	Turns ON	ON	Turns OFF	After SW-A operation, immediately turns ON	Turns OFF
Output signal	Test lamp operation	OFF	ON (Approx. 1.0 sec.) → OFF	OFF	OFF	ON (Approx. 1.0 sec.) → OFF	OFF	OFF	ON → OFF → ON → OFF	OFF

- Carry out the complete inspection in this chart from left to right.
- Do not carry out any switch operations that are not described in the above chart so as to avoid breaking the door lock timer.

Lighting period of test lamp differs according to SW-B operation. Moreover, test lamp may come on once or it may not come on at all. If this occurs, do not judge it faulty solely from this step.

INSPECTION CIRCUIT (This test circuit must be wired by the technician.)



DOOR LOCK TIMER

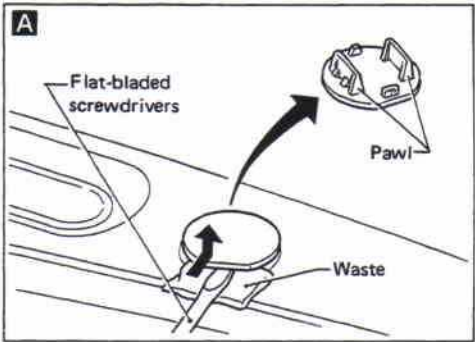
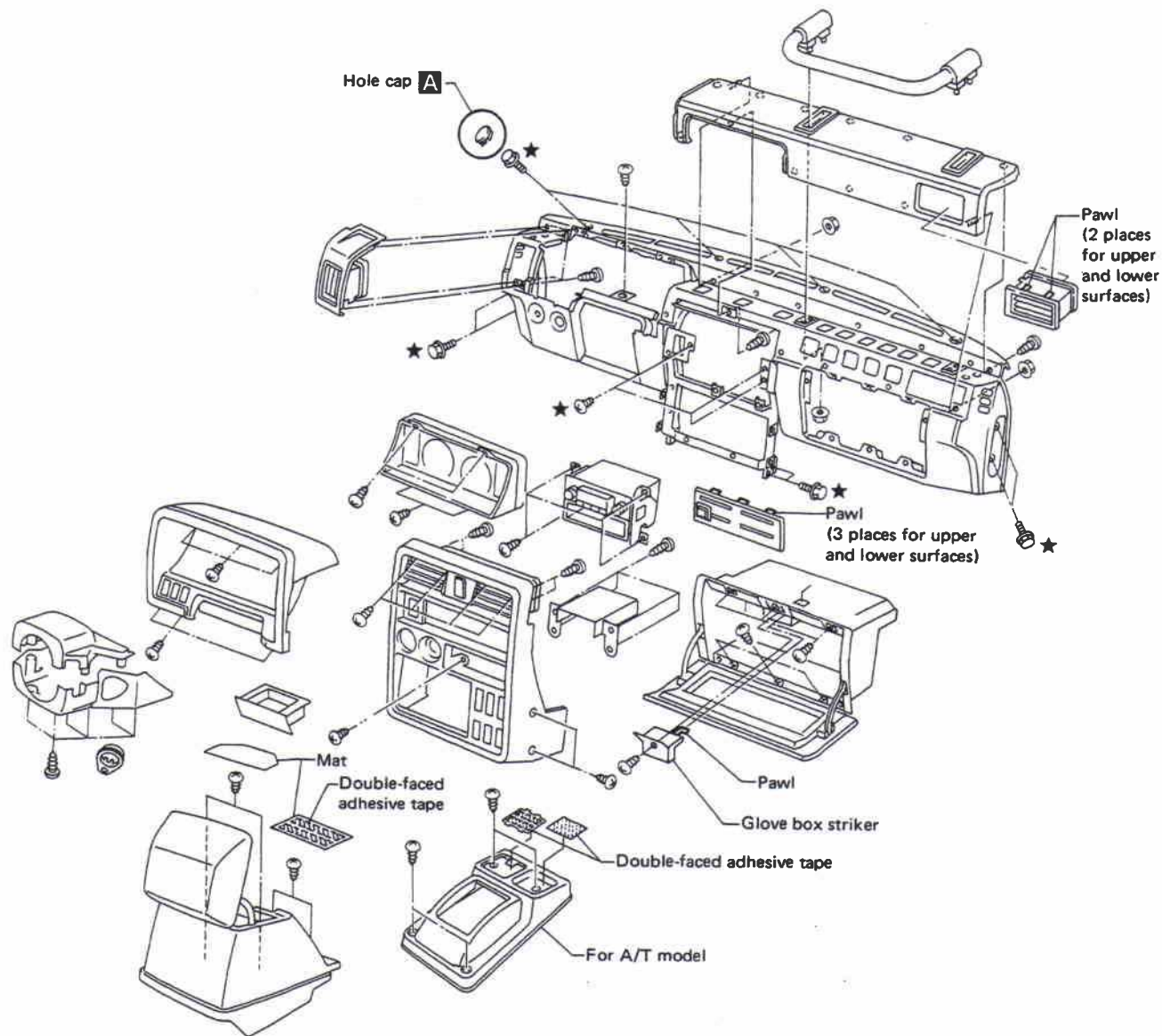
	CIRCUIT CONNECTIONS
31	Power source (BAT)
32	To/From actuators (Lock power source & Unlock ground)
33	To/From actuators (Lock ground & Unlock power source)
34	To lock-unlock switches (Input signal for lock)
35	Ground
39	To lock-unlock switches (Input signal for unlock)

SBF021G

When current flows excessively, circuit breaker will cut off current to prevent damage to the system.

INSTRUMENT PANEL

- These parts are made of plastic, so do not use excessive force and be careful not to damage them.



★ : Instrument assembly mounting bolts and screws

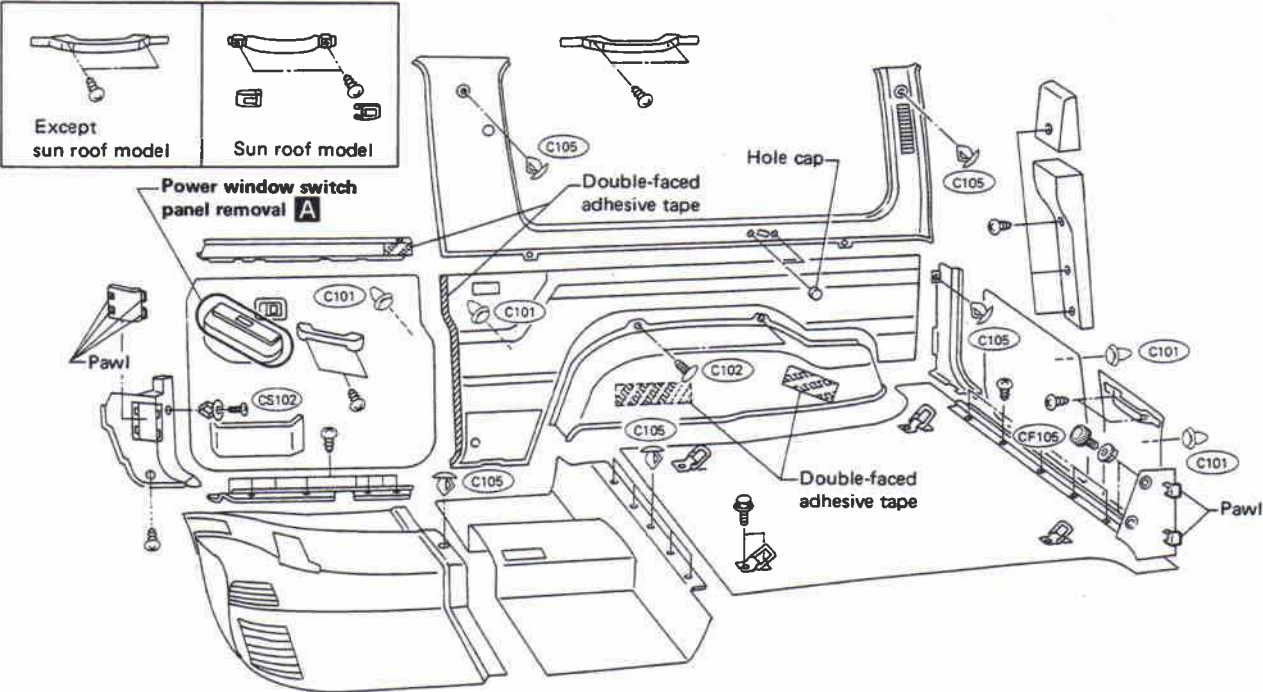
INTERIOR AND EXTERIOR

- When handling interior or exterior, do not use excessive force and take care not to damage them.
- Apply sealing compound where necessary while installing parts.
- When applying sealing compound, be careful that the sealing compound does not protrude from parts.

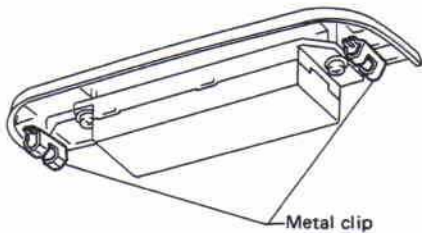
Interior

SIDE AND FLOOR TRIM – Passenger room Hardtop

Assist grip



A



Metal clip

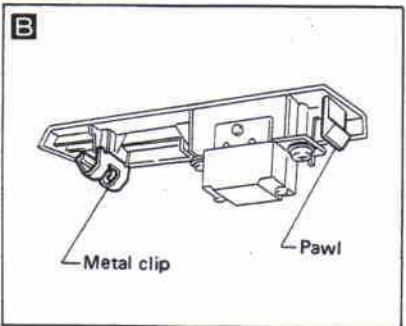
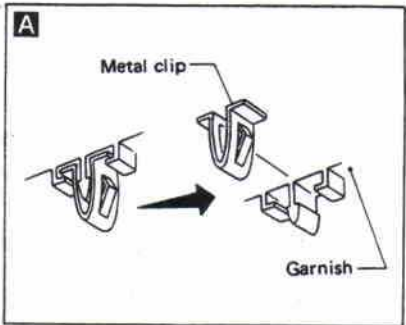
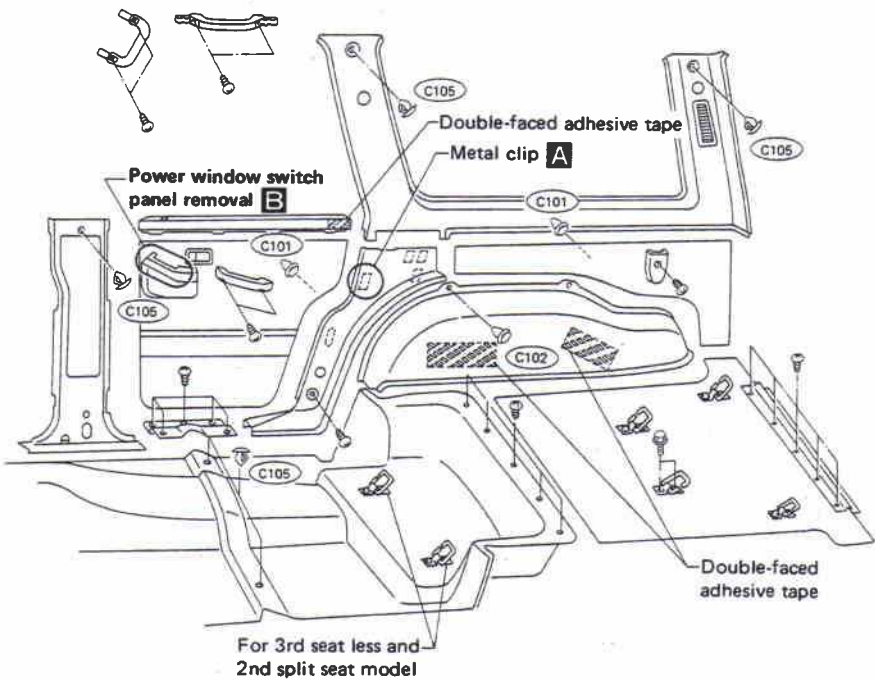
S8F952D

INTERIOR AND EXTERIOR

Interior (Cont'd)

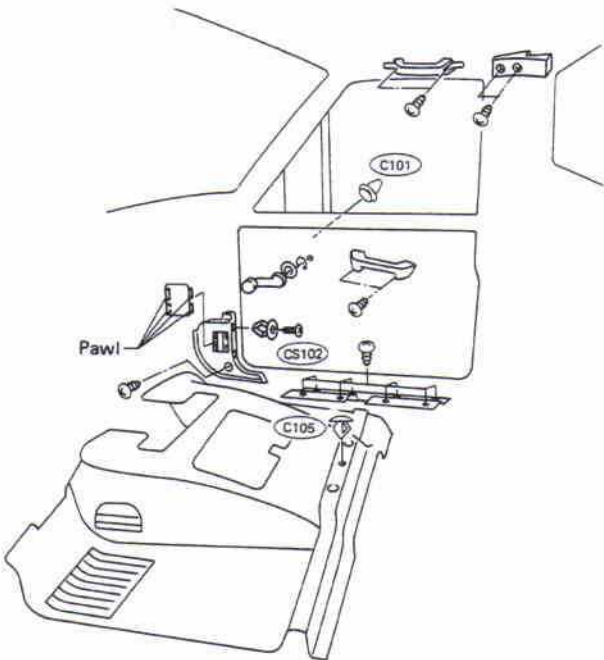
Wagon

- Basically same as Hardtop for front portion.



SBF953D

Pickup

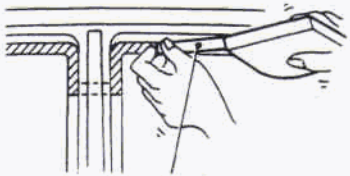
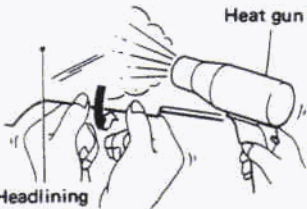


SBF954D

INTERIOR AND EXTERIOR

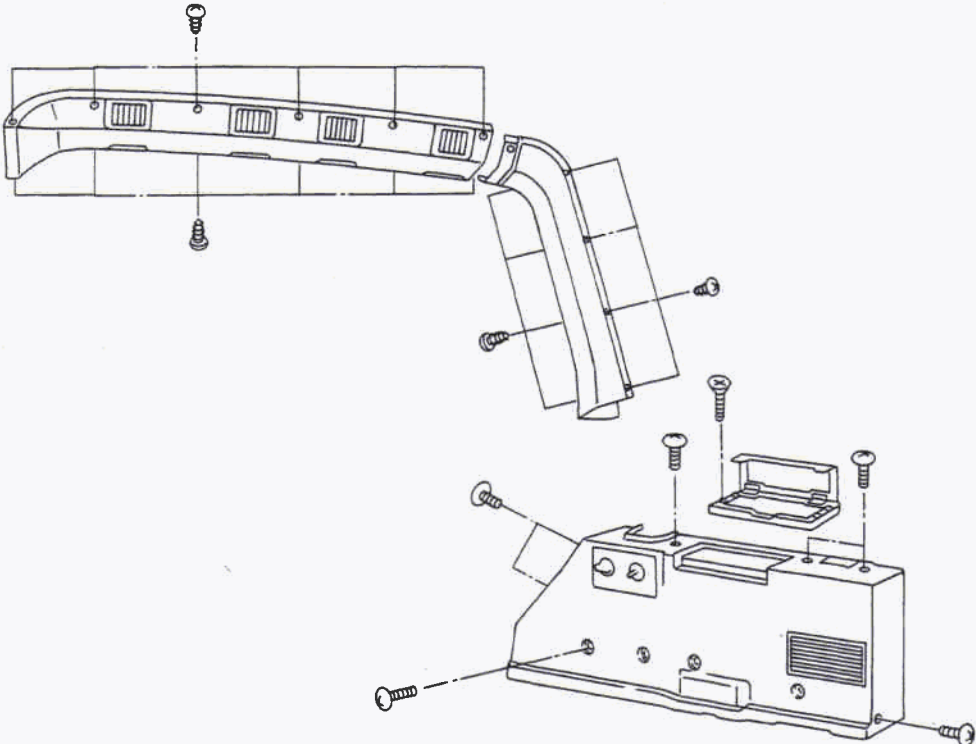
Interior (Cont'd)

Roof trim installation

 <p>Double-faced adhesive tape Affix double-faced adhesive tape to body flange and install securely. SBF996A</p>	 <p>Heat gun Headlining Affix headlining to body flange starting from corner portion. SBF001B</p>
---	---

ROOF TRIM & SIDE TRIM

Type 1

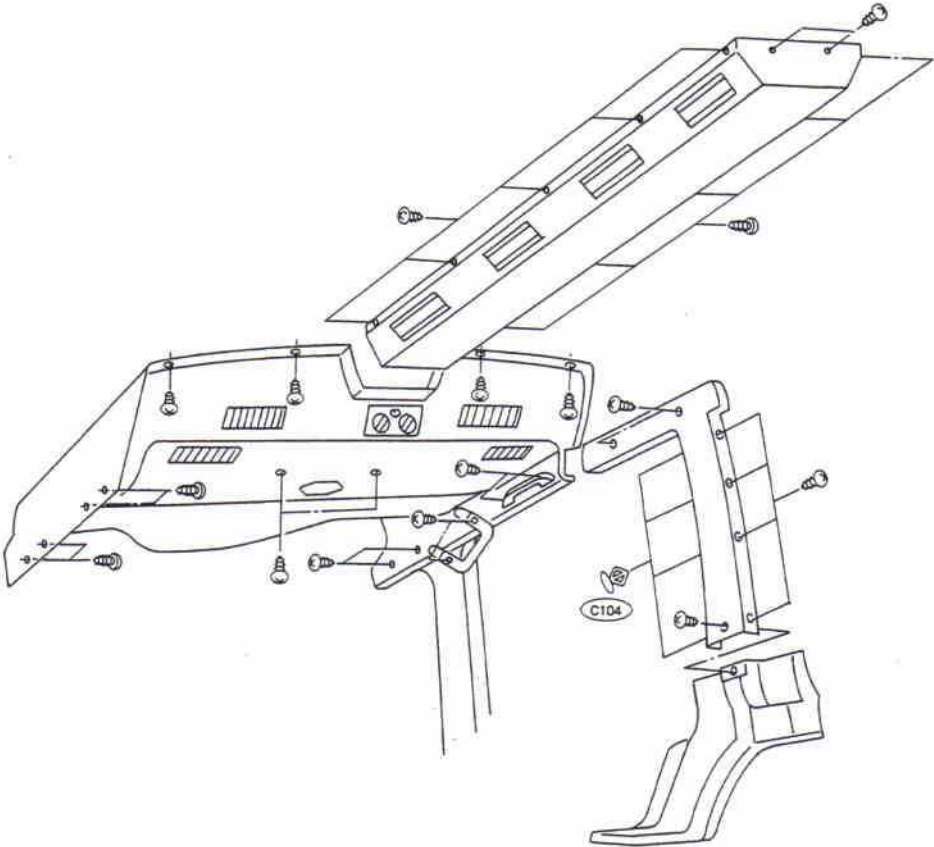


SBF957D

INTERIOR AND EXTERIOR

Interior (Cont'd)

Type 2

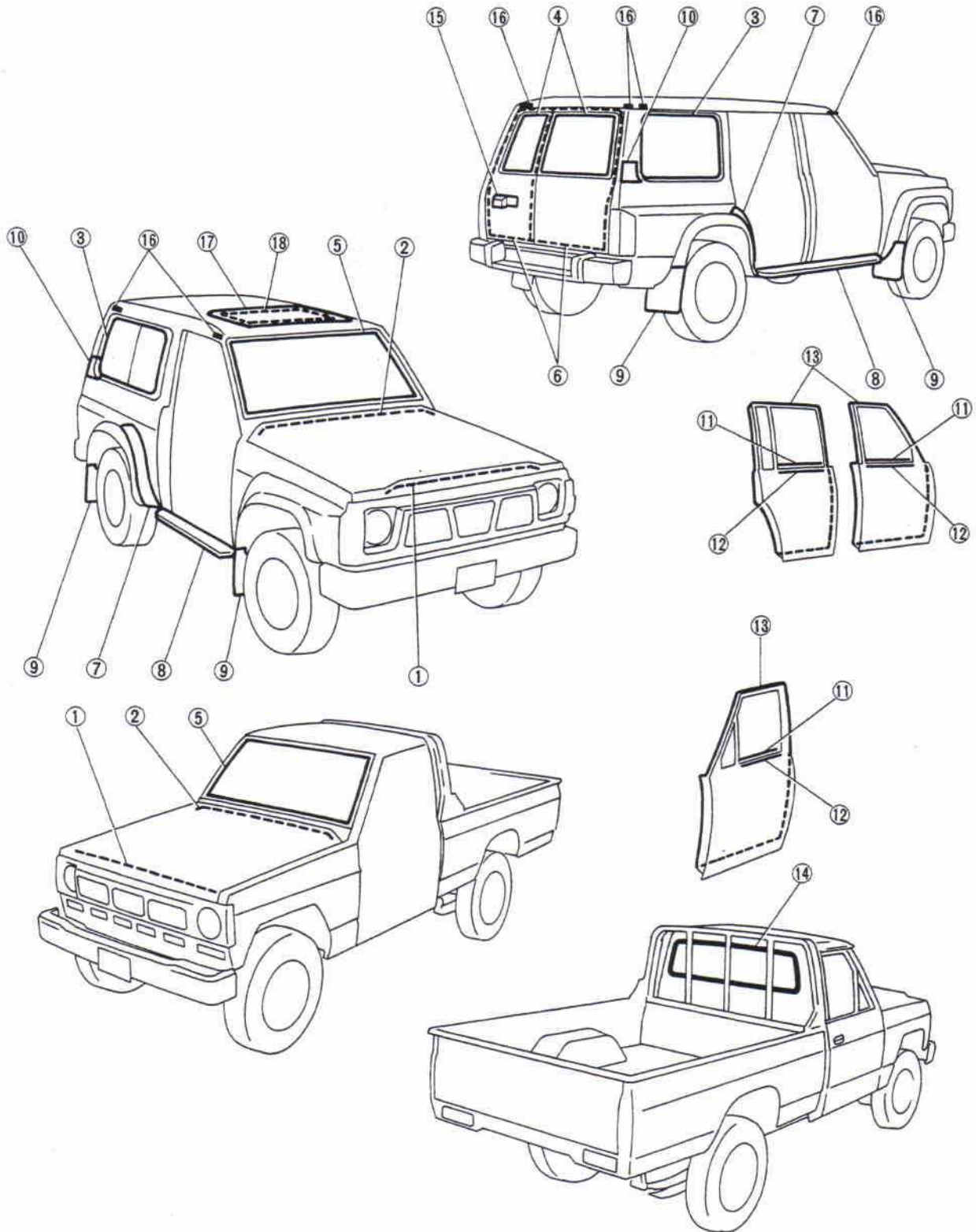


SBF060E

INTERIOR AND EXTERIOR

Exterior

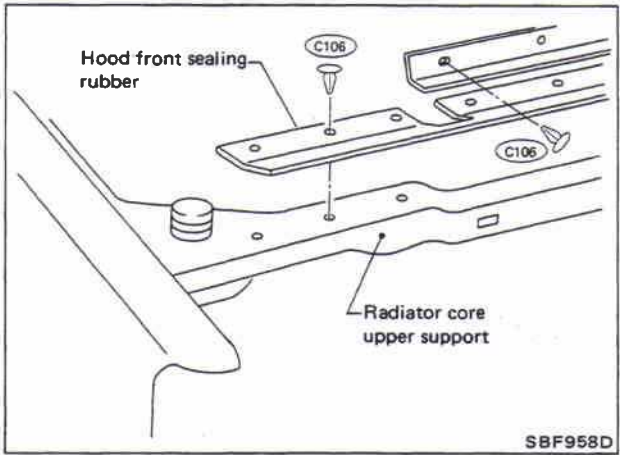
- Apply sealing compound where necessary while installing parts.
- When applying sealing compound, be careful that the sealing compound does not protrude from parts.



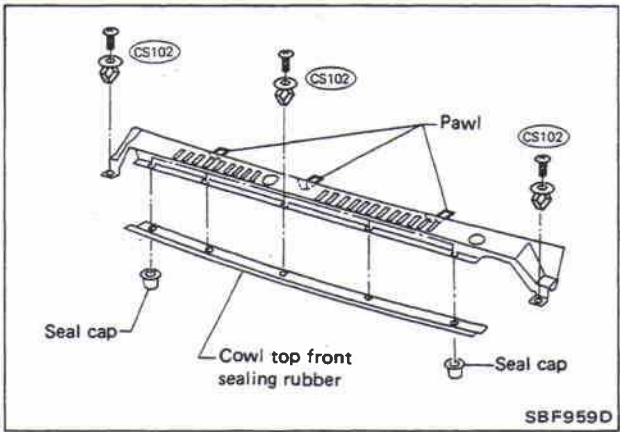
INTERIOR AND EXTERIOR

Exterior (Cont'd)

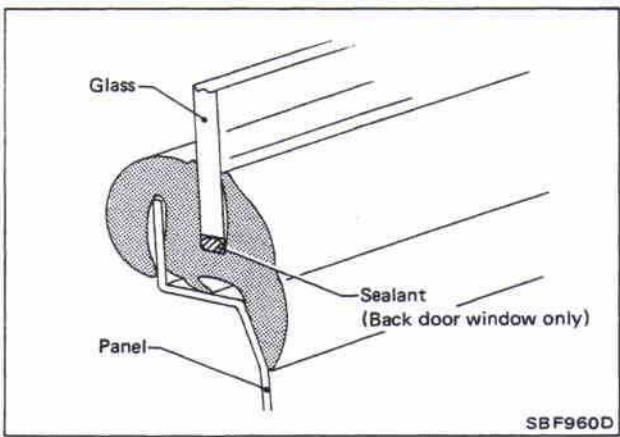
① Hood front sealing rubber



② Cowl top sealing rubber



③ ④ Rear side window and back door window weatherstrip

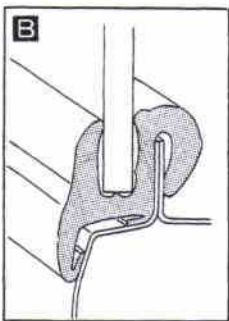
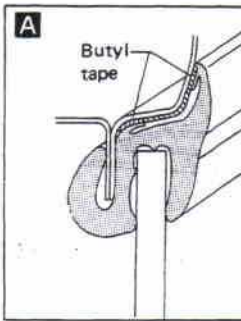
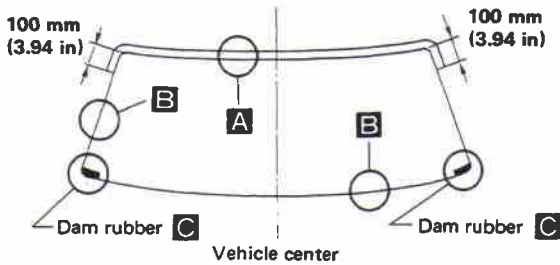


③ Slide window

Refer to "Rear Side Slide Window" of WINDSHIELD AND WINDOWS.

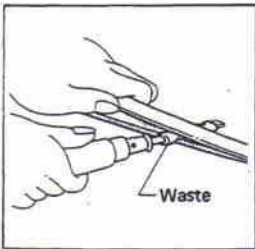
⑤ Windshield weatherstrip

Butyl tape portion

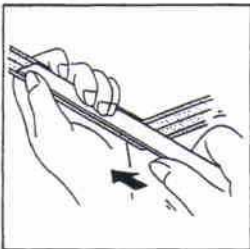


- Equipped with windshield molding type

Removal



Installation



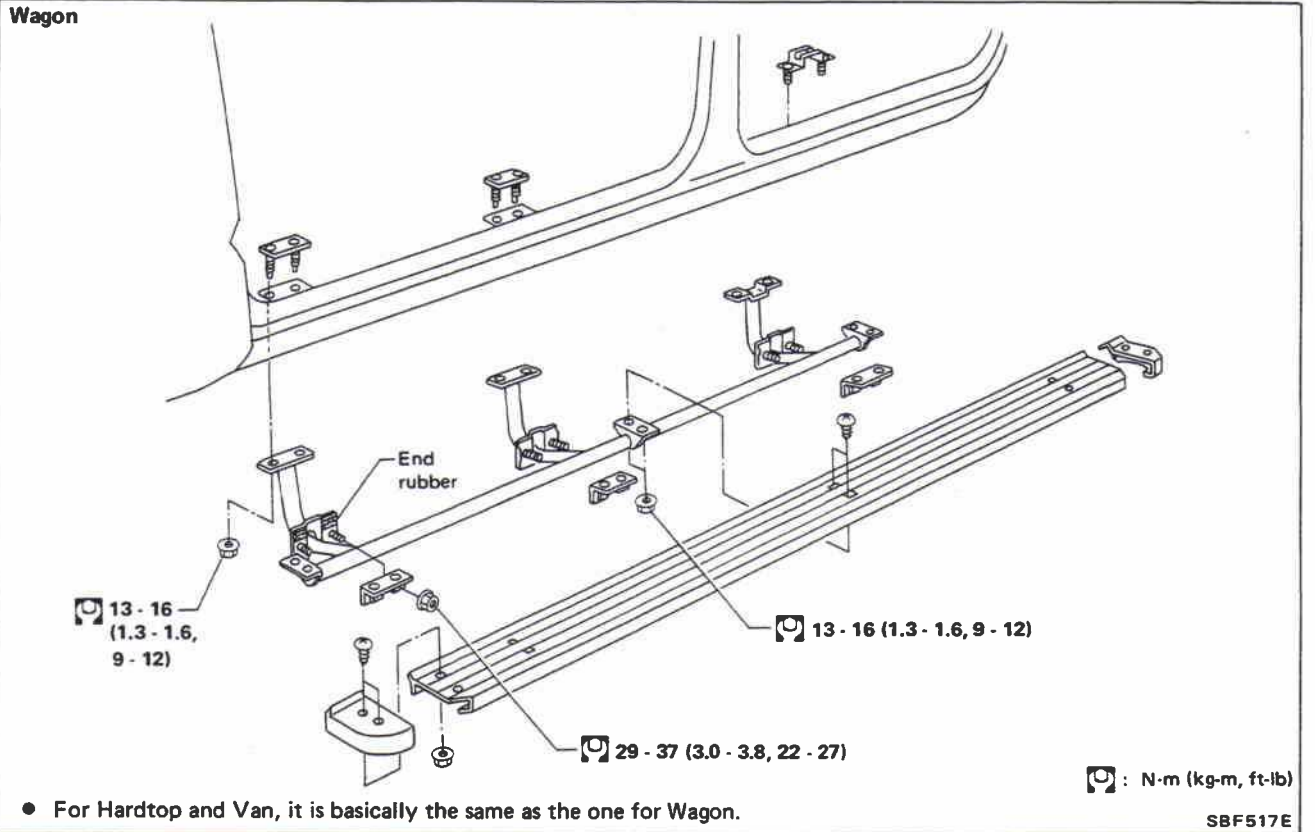
- It is better to install glass after mounting molding on weatherstrip.
- When replacing molding without removing glass, be careful not to deform molding or scratch weatherstrip.
- To make installation easier, apply soapy water to the groove in the weatherstrip molding.

SBF961D

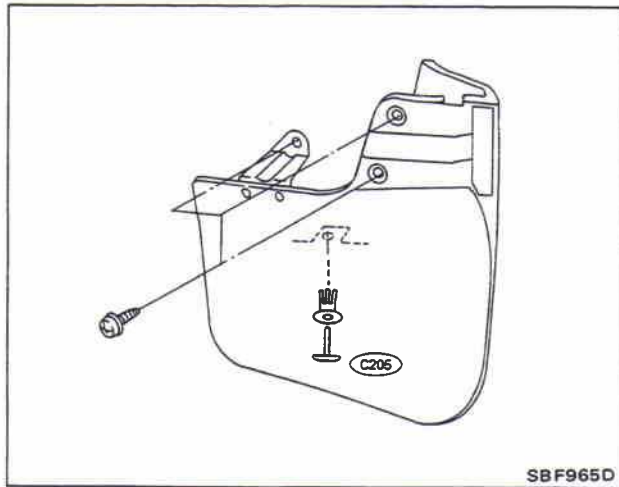
INTERIOR AND EXTERIOR

Exterior (Cont'd)

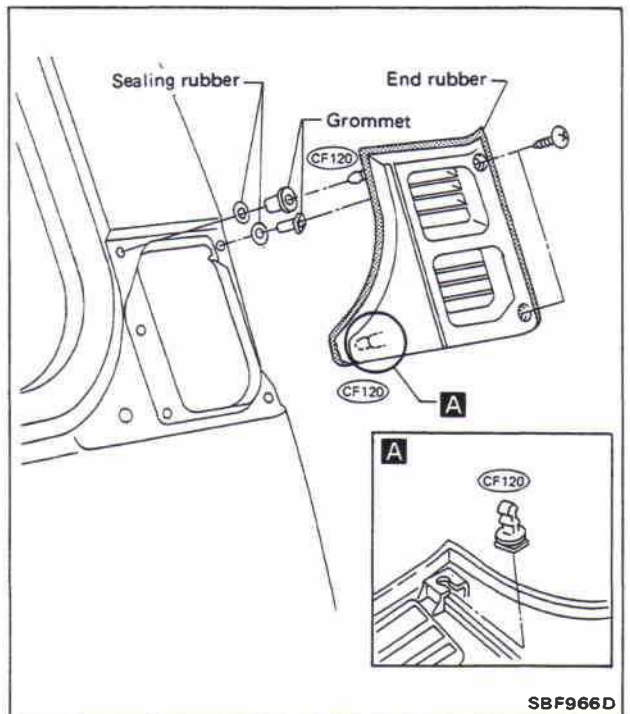
⑧ Side step



⑨ Mud guard



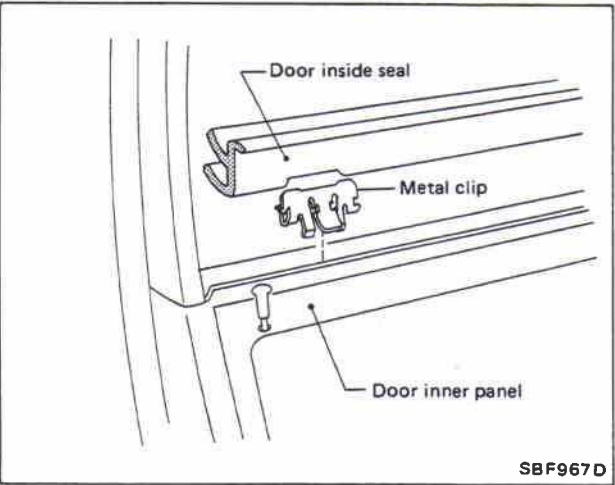
⑩ Air outlet grille



INTERIOR AND EXTERIOR

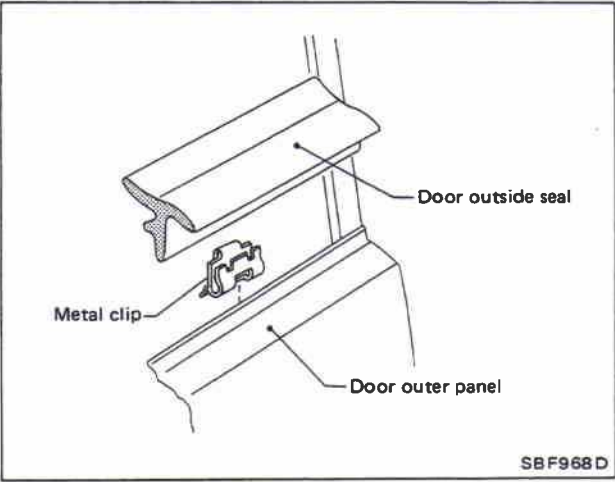
Exterior (Cont'd)

⑪ Door inside seal



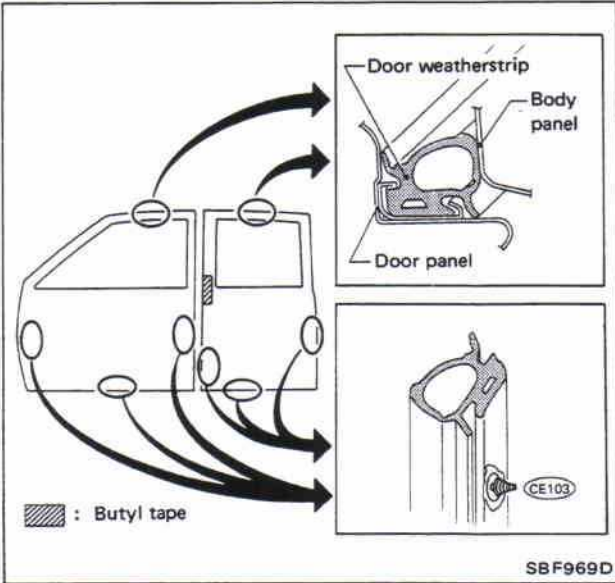
SBF967D

⑫ Door outside seal



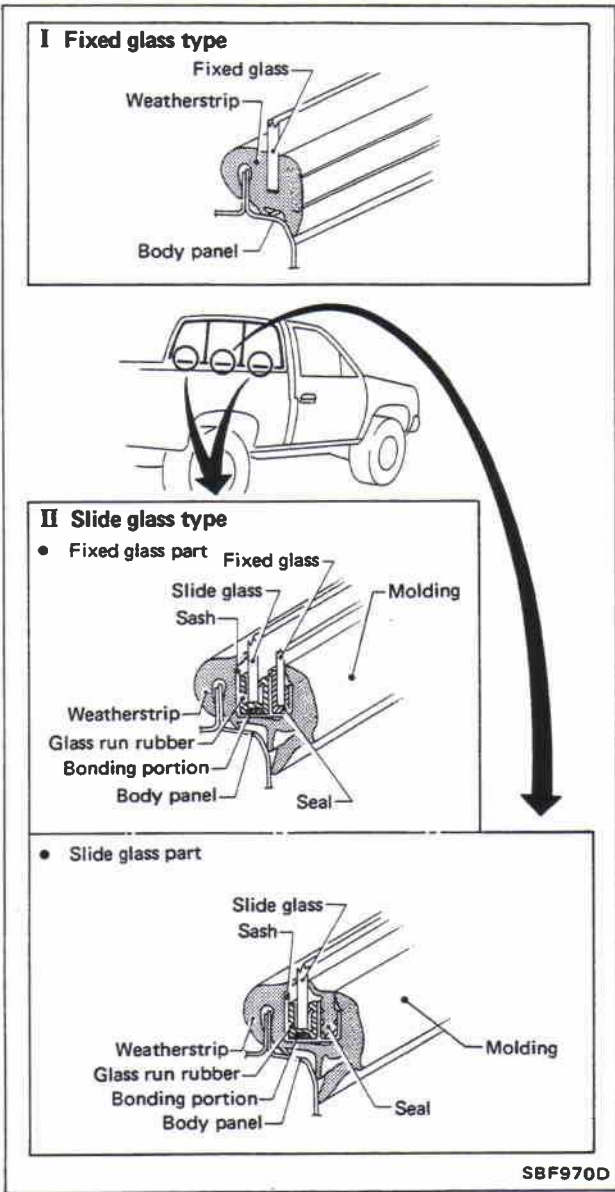
SBF968D

⑬ Door weatherstrip



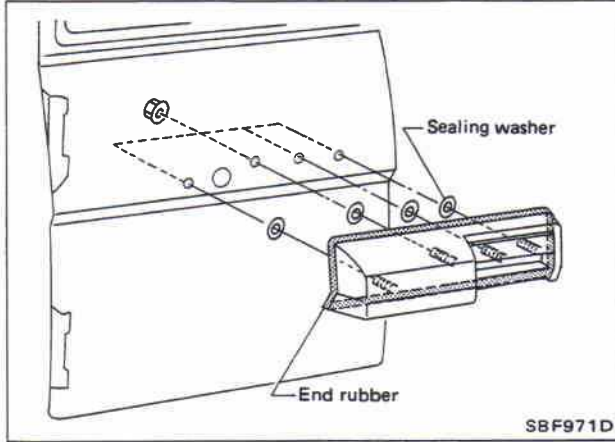
SBF969D

⑭ Back window



SBF970D

⑮ Back door finisher



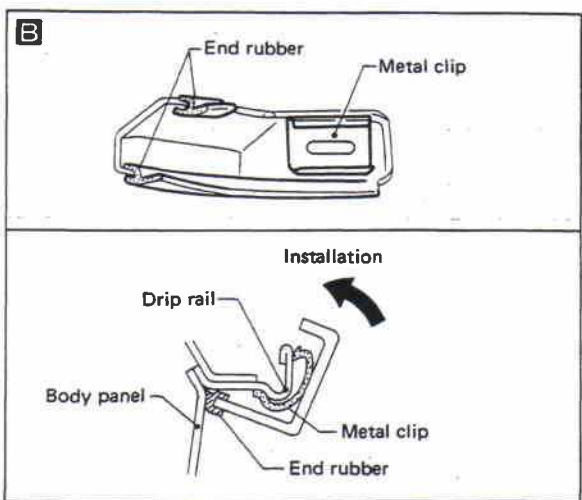
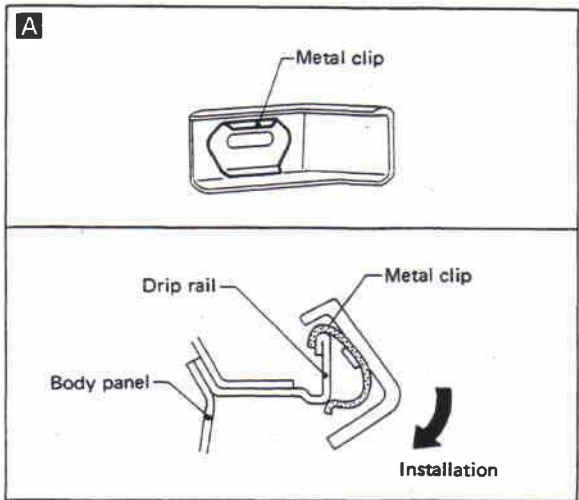
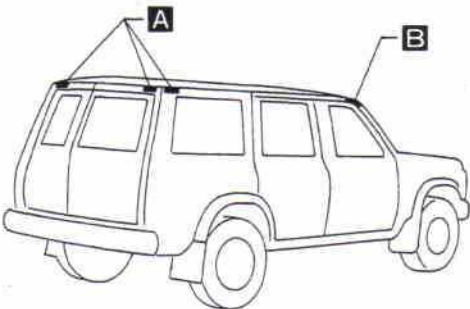
SBF971D

INTERIOR AND EXTERIOR

Exterior (Cont'd)

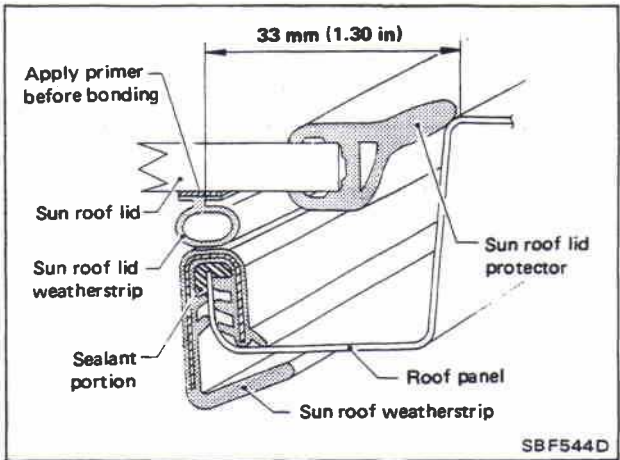
⑩ Drip end cap

For Australia

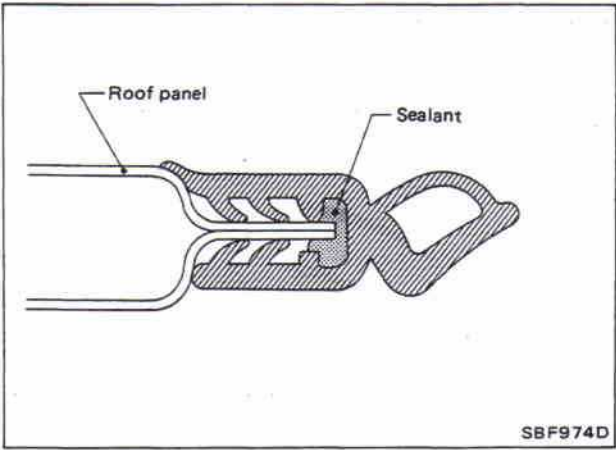


SBF972D

⑪ ⑫ Sun roof weatherstrip & lid weatherstrip (Manual model)



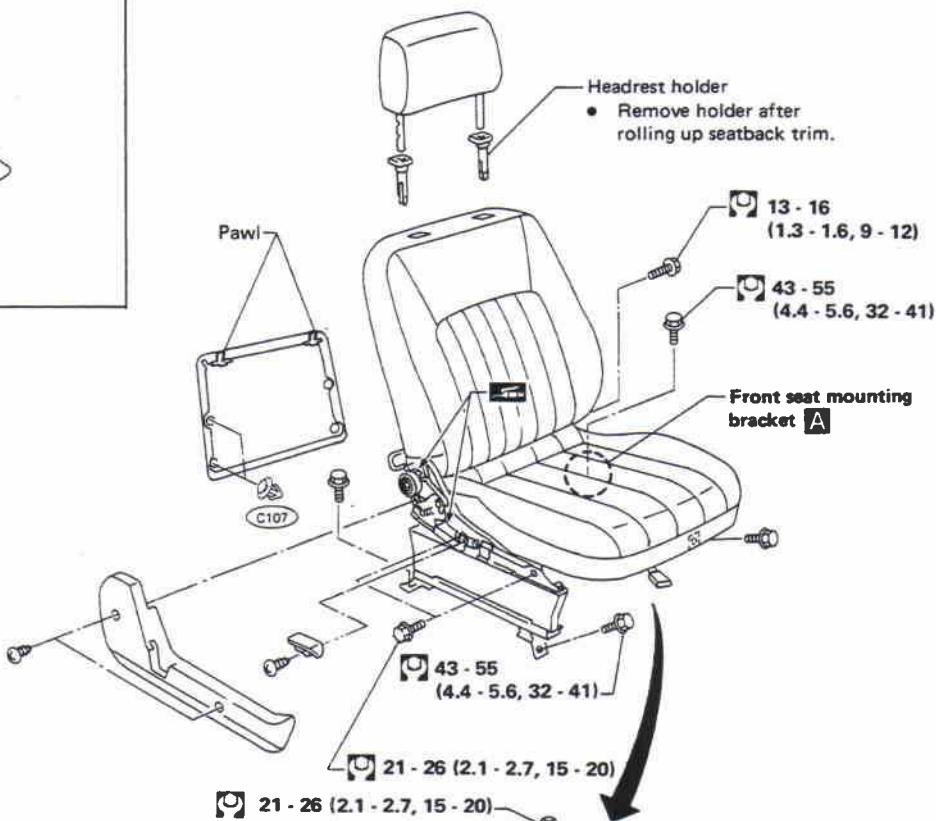
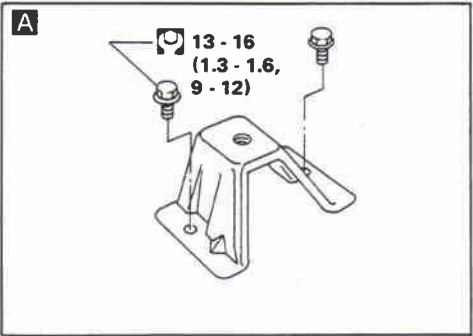
⑬ Sun roof weatherstrip (Electrical model)



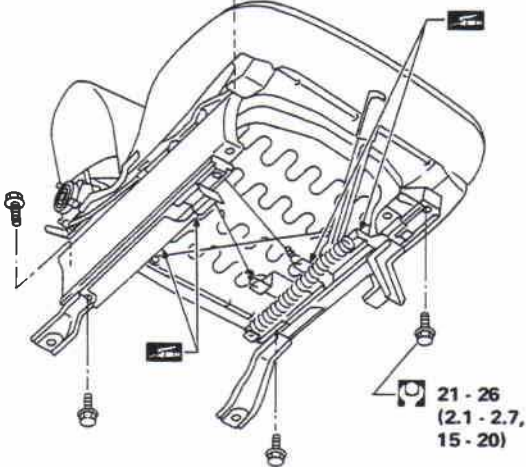
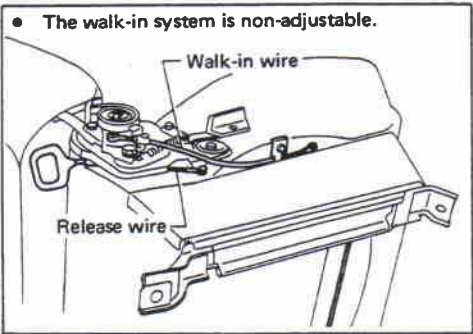
SEAT

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

Front Separate Seat



Walk-in device

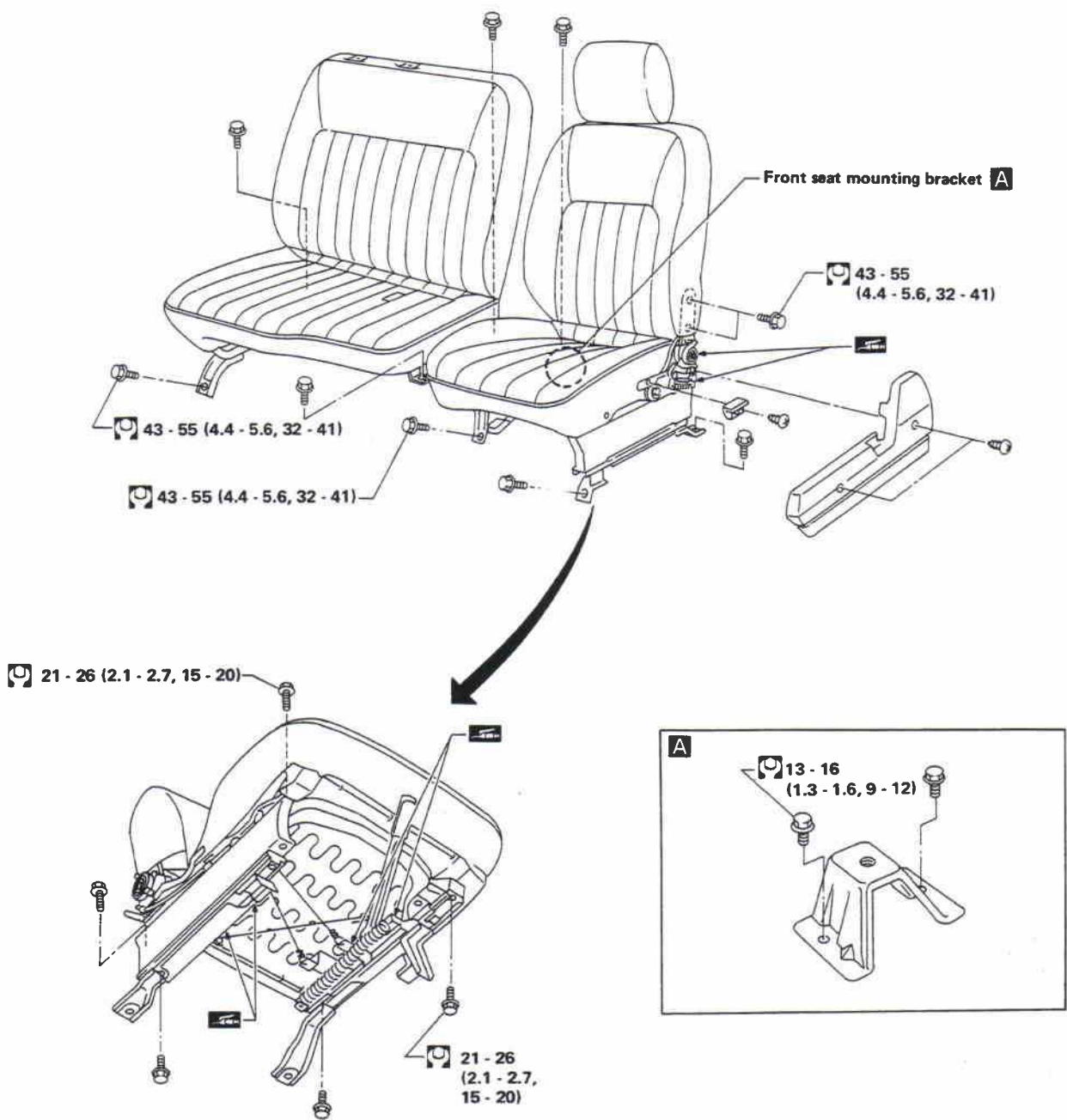


: N·m (kg·m, ft·lb)

SBF975D

SEAT

Front Split Seat



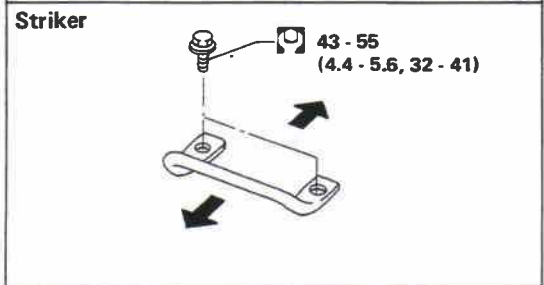
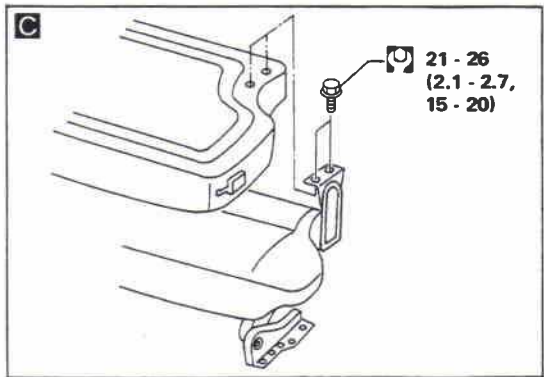
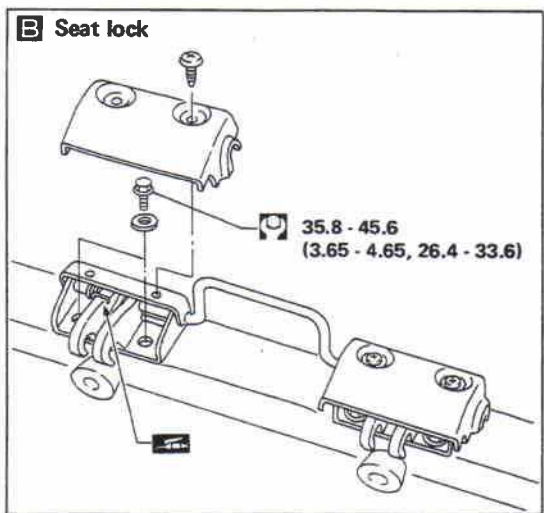
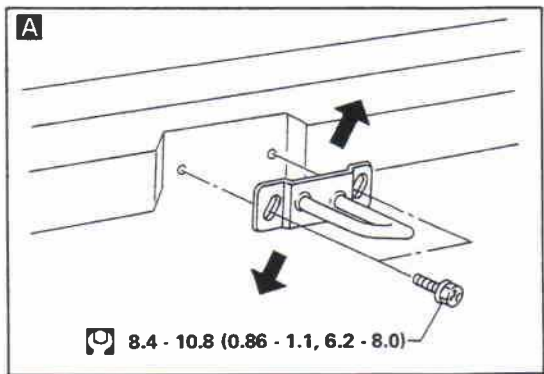
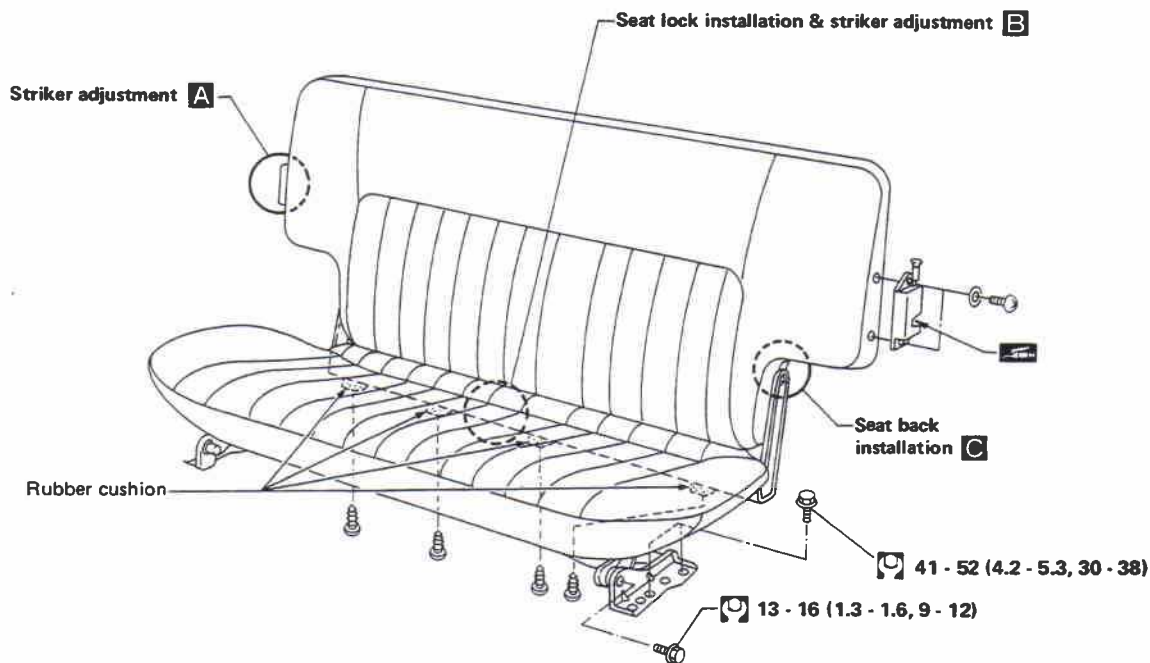
: N·m (kg·m, ft·lb)

SBF976D

SEAT

2nd Seat

TYPE 1



: N·m (kg·m, ft·lb)

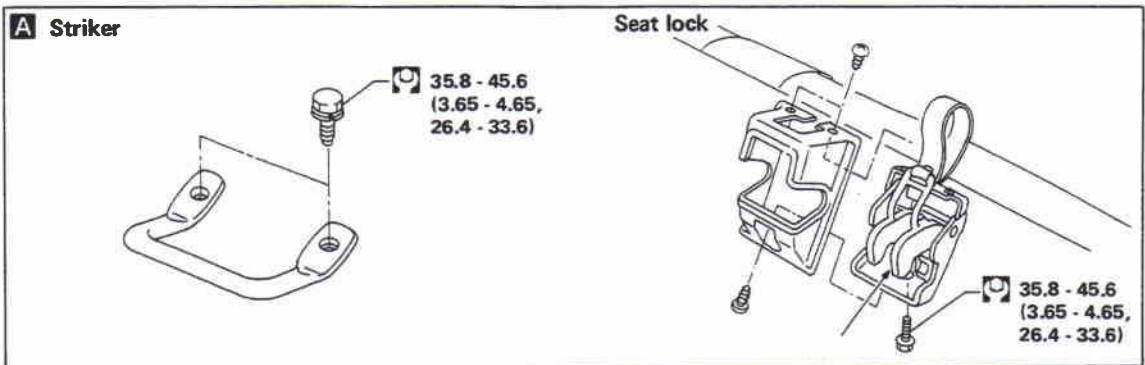
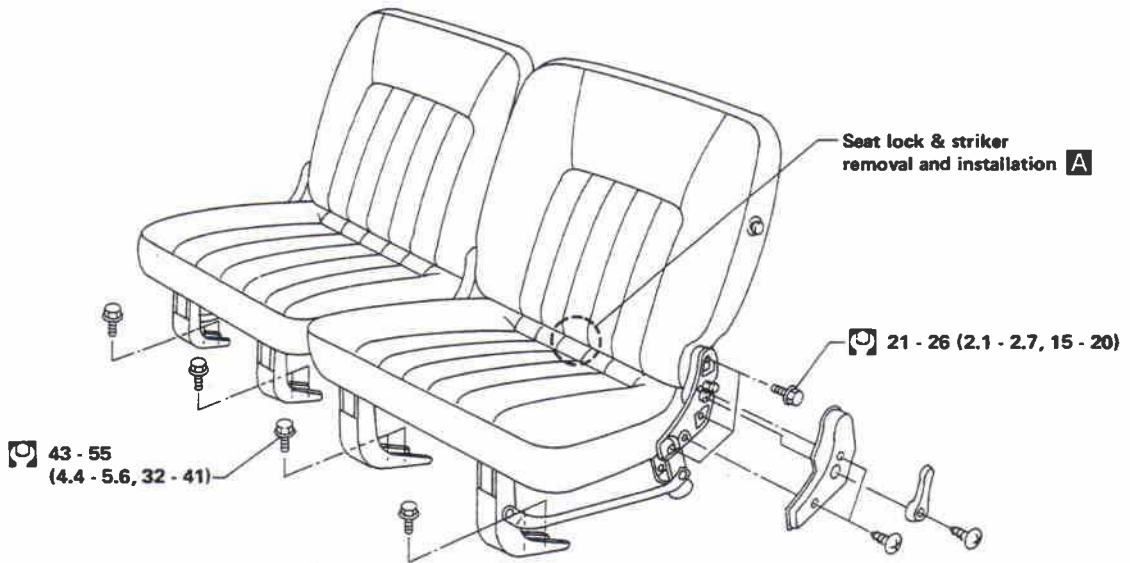
SBF977D

BF-35

SEAT

2nd Seat (Cont'd)

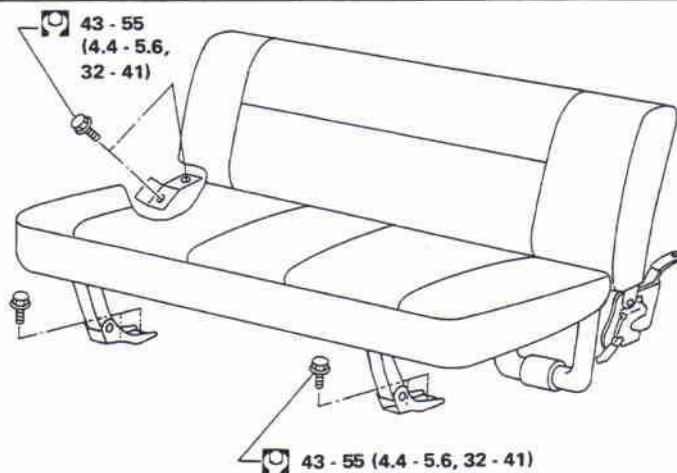
TYPE 2



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

SBF978D

TYPE 3



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

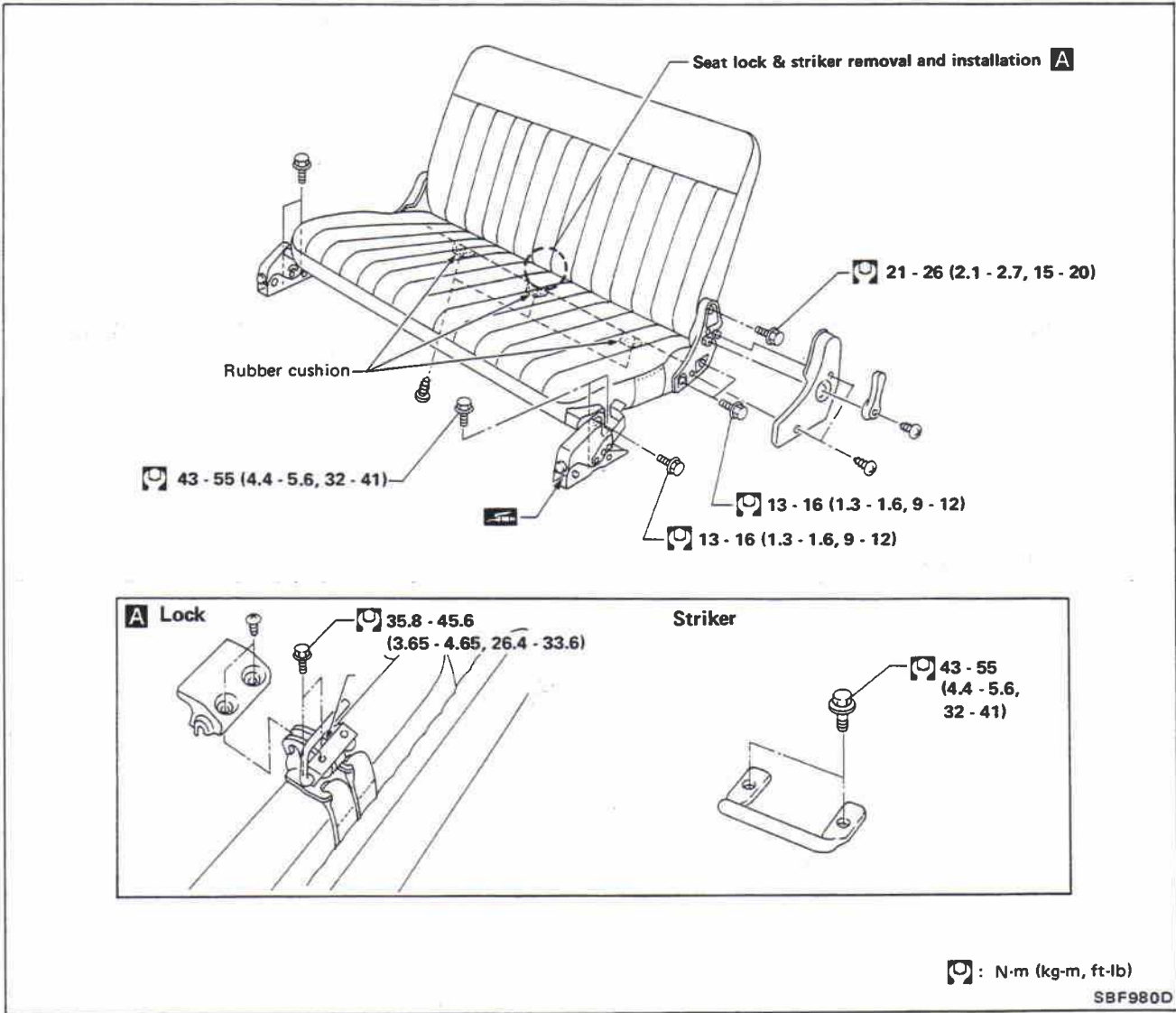
SBF979D

BF-36

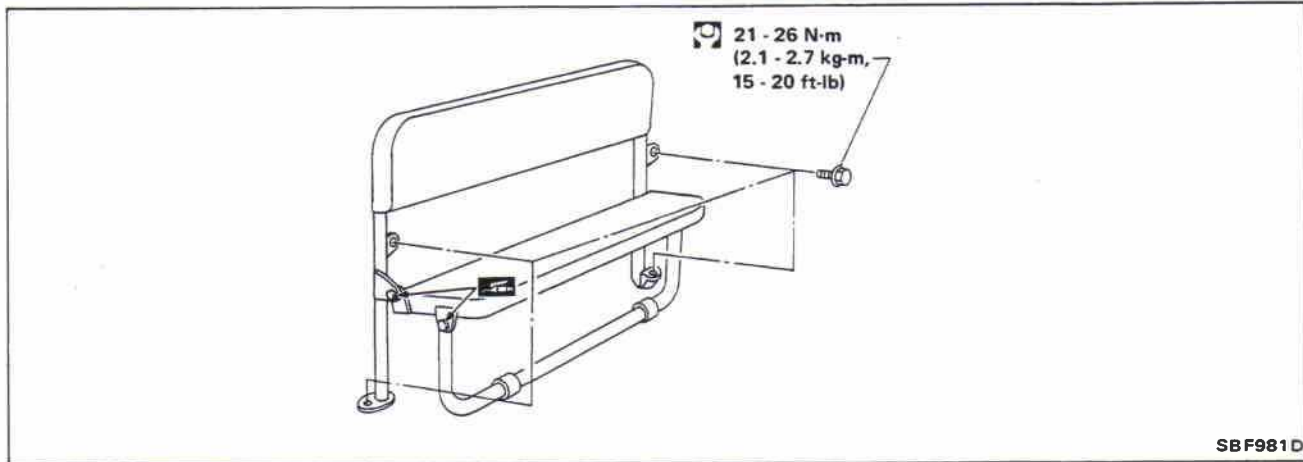
SEAT

3rd Seat

TYPE 1



TYPE 2



WINDSHIELD AND WINDOWS

Windshield

A weatherstrip type mounting method has been adopted for mounting the windshield. Refer to Exterior ⑤ in INTERIOR AND EXTERIOR.

Back Door Window

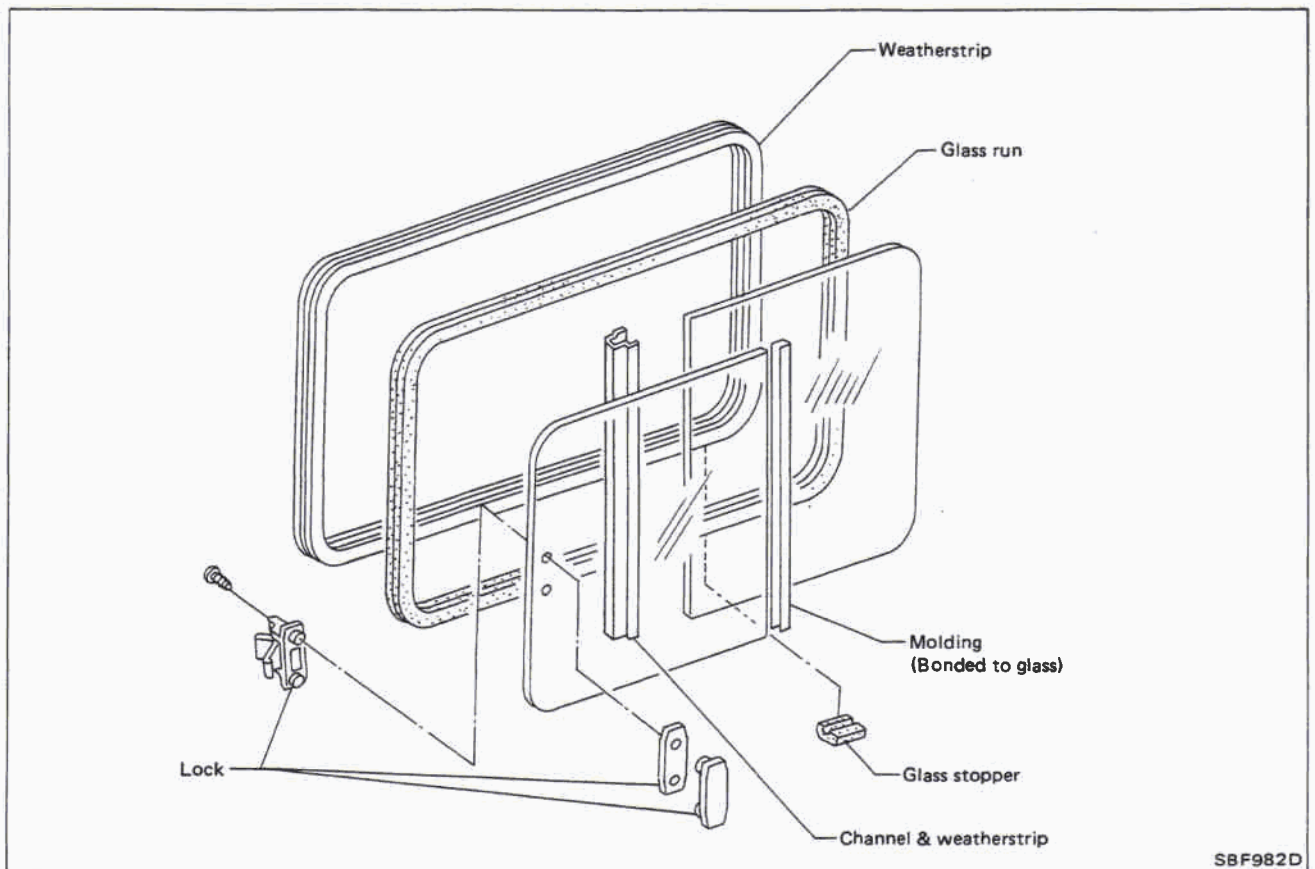
A weatherstrip type mounting method has been adopted for mounting the back door window. Refer to Exterior ⑥ in INTERIOR AND EXTERIOR.

Rear Side Window

A weatherstrip type mounting method has been adopted for mounting the side window. Refer to Exterior ③ ④ in INTERIOR AND EXTERIOR.

Rear Side Slide Window

REMOVAL AND INSTALLATION

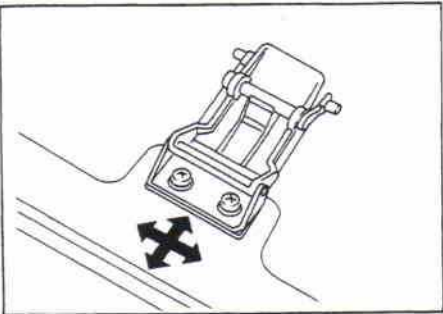


SUN ROOF

Manual Sun Roof

- Handle finisher plate and glass lid with care so as not to damage it.

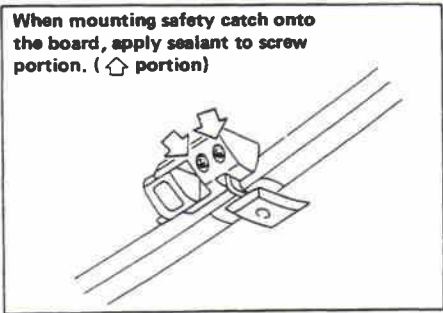
Handle (Male side) adjustment



Safety catch

Safety catch installation

When mounting safety catch onto the board, apply sealant to screw portion. (△ portion)



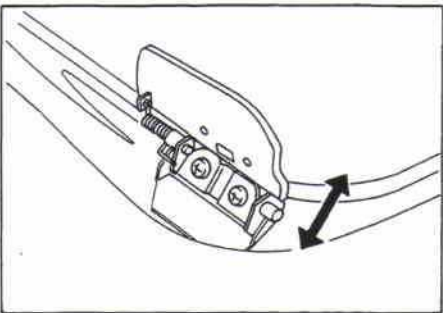
Hinge

Air deflector

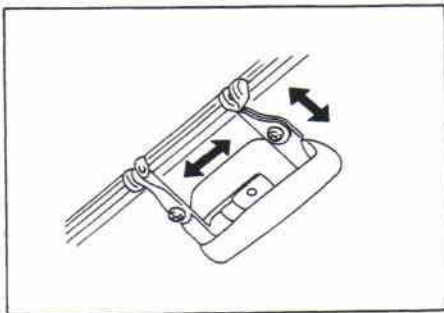
Handle base

Drain hose

Deflector adjustment



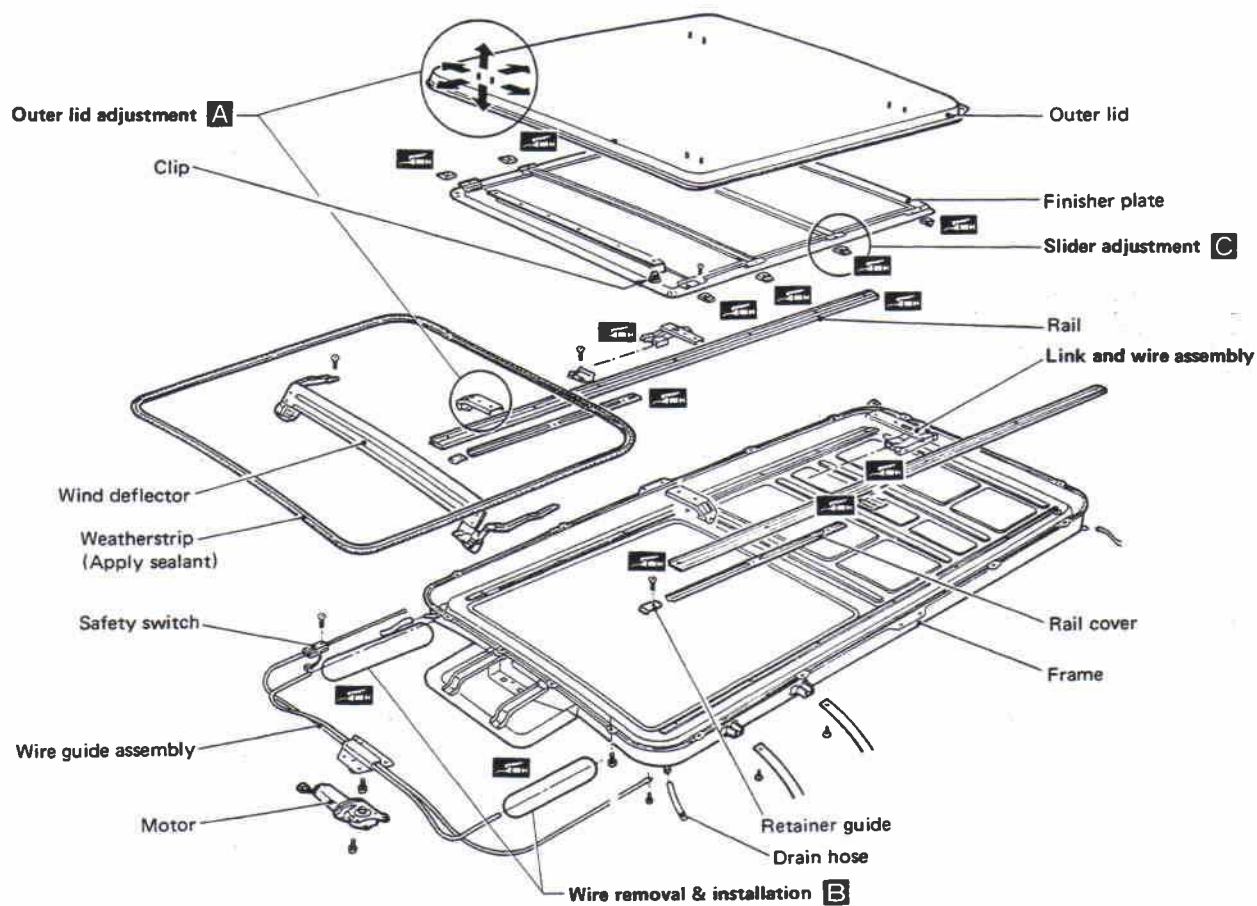
Handle (Female side) adjustment



SUN ROOF

Electric Sun Roof

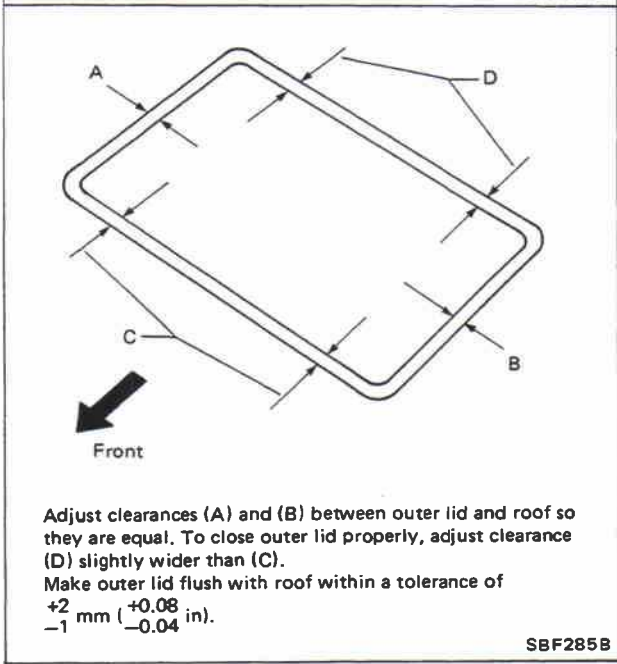
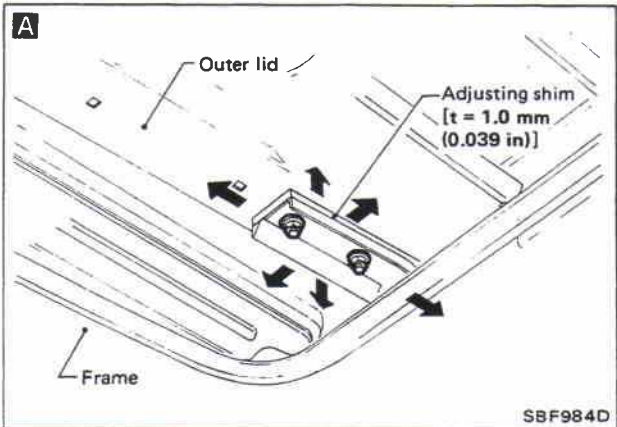
- Do not move or remove limit switch unless it is necessary.
- After adjustment, check sun roof operation and lid alignment.
- For easier installation, mark each point before removal.



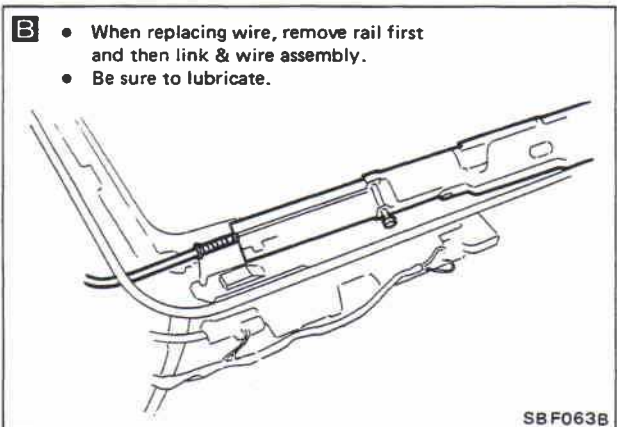
SUN ROOF

Electric Sun Roof (Cont'd)

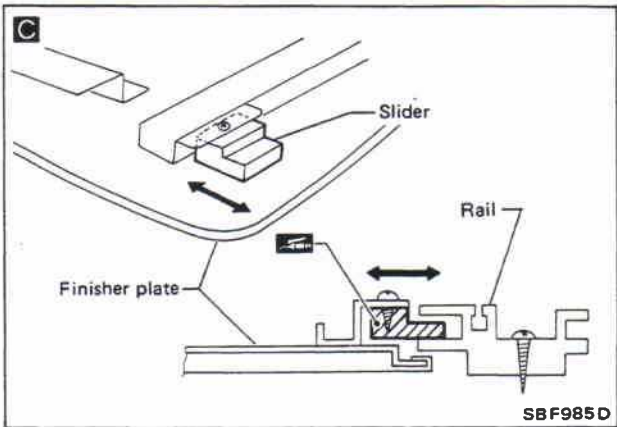
Outer lid adjustment



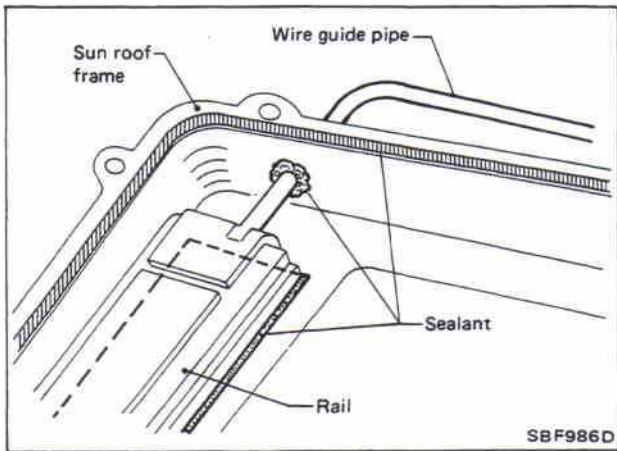
Wire removal & installation



Slider adjustment



Apply sealant



WIRING DIAGRAM



SUN ROOF

Electric Sun Roof (Cont'd)

SAFETY RELAY INSPECTION

SAFETY RELAY

REMARKS		
	Connections	Harness color
21	To sun roof SW ③ (Close)	L/Y
22	From slide relay-close	Y/B
23	Power source (IGN)	W/R
24	To safety limit SW ①	L/W

Internal modeled circuit

INSPECTION CIRCUIT
(This test circuit must be made by the technician.)

Safety relay operation

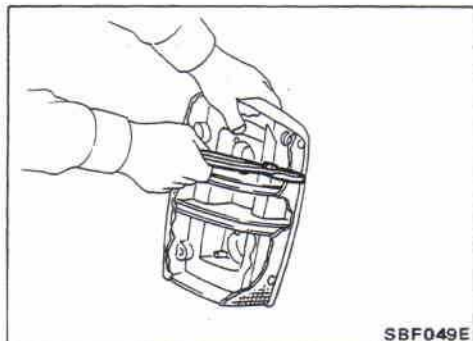
SW-A operating condition	OFF	Turn ON	ON	Turn OFF	Turn ON
SW-B operating condition	OFF	OFF	Turn ON	ON	ON
Safety relay operation					
Test lamp-A	OFF	Turn ON	Turn OFF	OFF	Turn ON
Test lamp-B	OFF	OFF	Turn ON	Turn OFF	OFF

Carry out this inspection in this chart from left to right continuously.

SBF248D

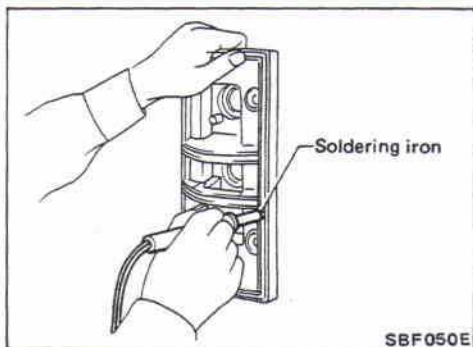
When current flows excessively, circuit breaker will cut off current to prevent damage to the system.

REAR COMBINATION LAMP



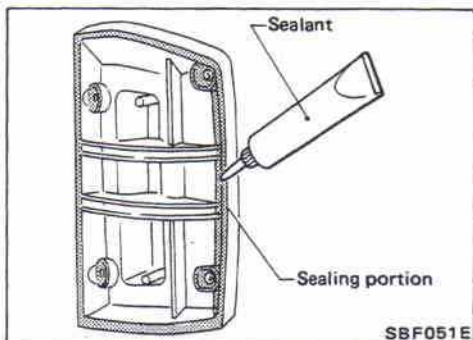
Rear Combination Lamp Lens Installation

Remove fragments of rear combination lamp lens using pliers.



Remove remaining sealant using soldering iron.

Soldering iron should be hot enough to melt lens fragments.

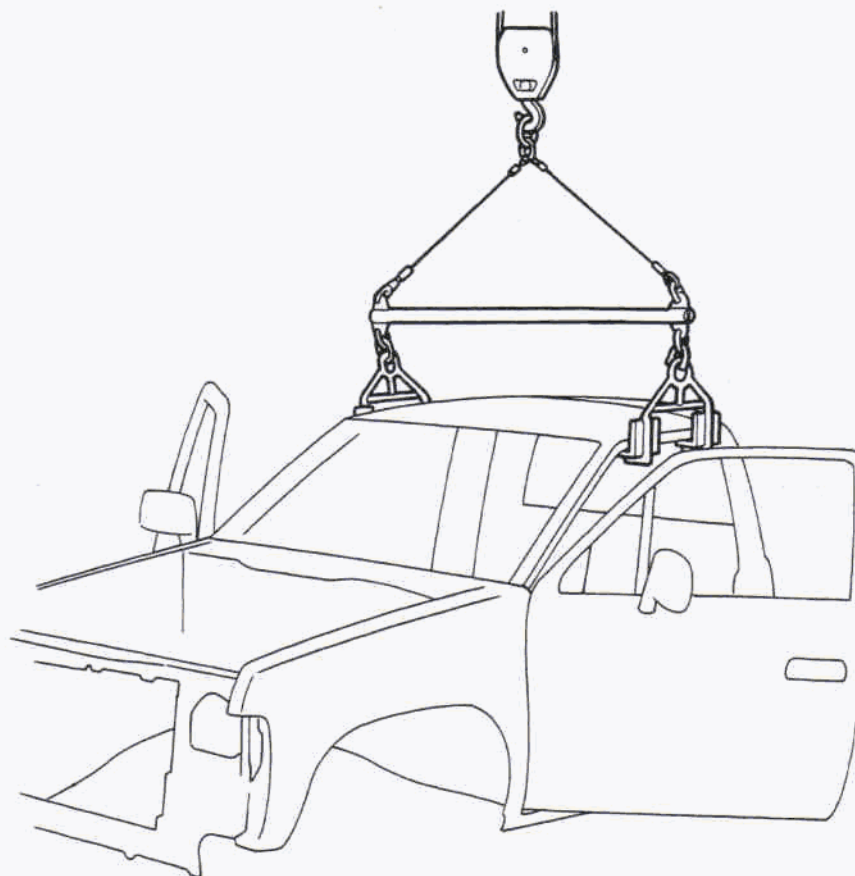


Apply Nissan Genuine Sealant (Part No. B6553-89985) or equivalent. Then fit housing with lens.

CAB AND REAR BODY

Cab Body — PICKUP

- Remove following parts in engine room at least.
 - (1) Main harness and other wiring harness
- Disconnect brake and clutch line in engine compartment.
- Remove following parts under body at least.
 - (1) Transmission and transfer control levers
 - (2) Hand brake control lever and cable
 - (3) Main harness and other wiring harness

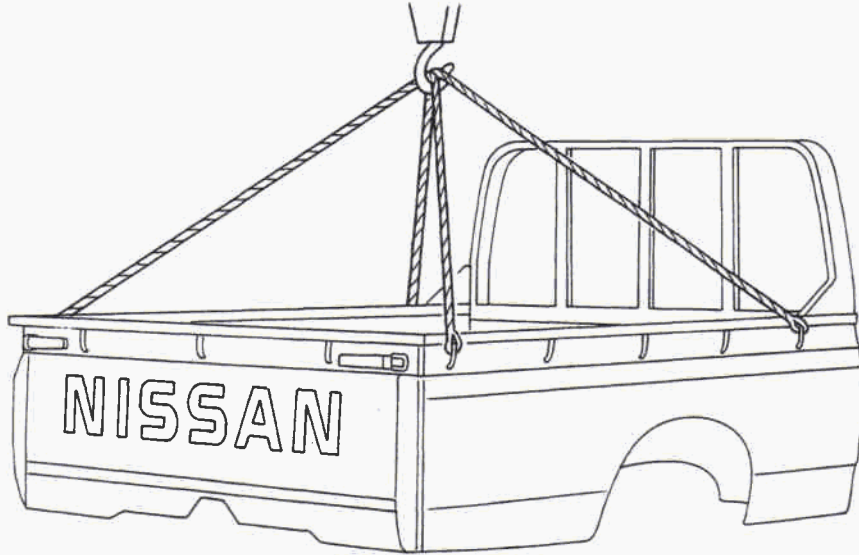


SBF023E

CAB AND REAR BODY

Rear Body — PICKUP

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



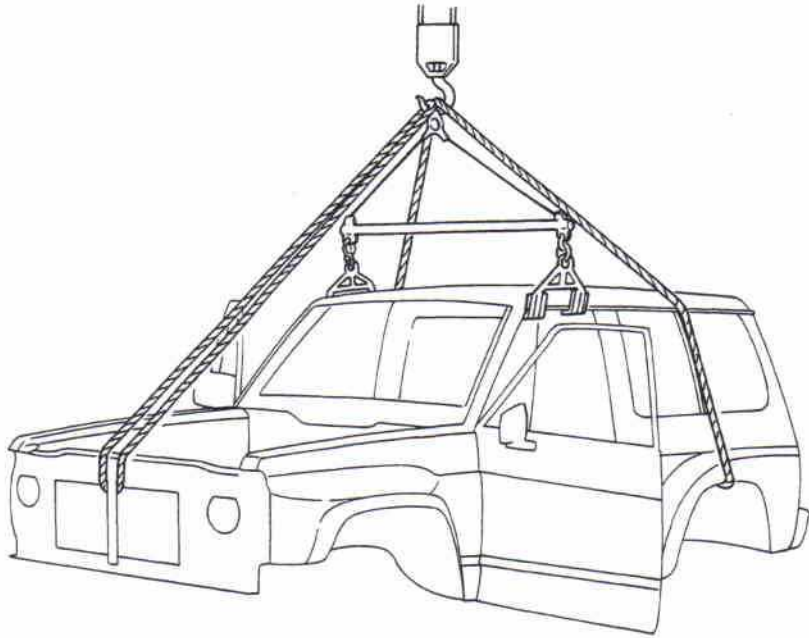
SBF024E

CAB AND REAR BODY

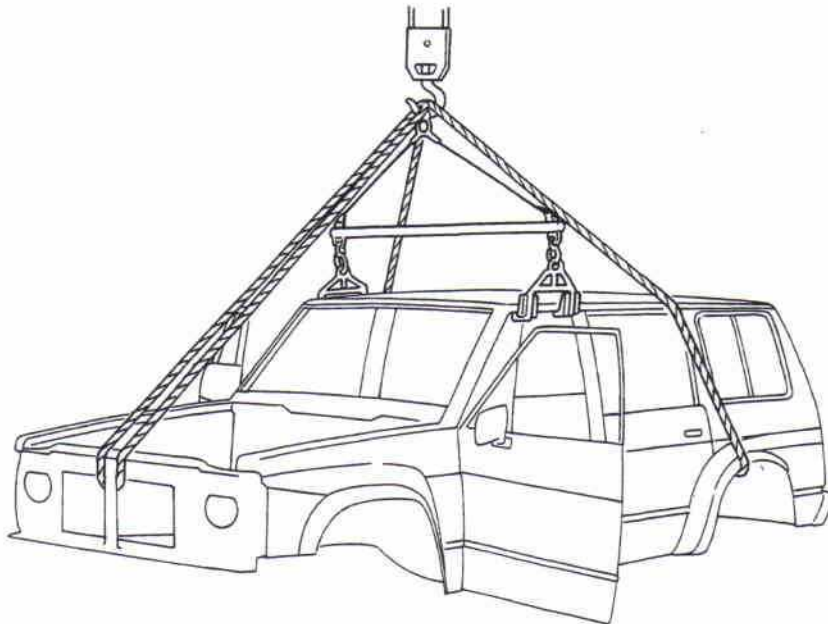
Cab Body — WAGON & HARDTOP

- Remove following parts in engine room at least.
 - (1) Main harness and other wiring harness
- Disconnect brake and clutch line in engine compartment.
- Remove following parts under body at least.
 - (1) Transmission and transfer control levers
 - (2) Hand brake control lever and cable
 - (3) Main harness and other wiring harness
- Remove seat belt anchor bolt.

Hardtop model



Wagon model

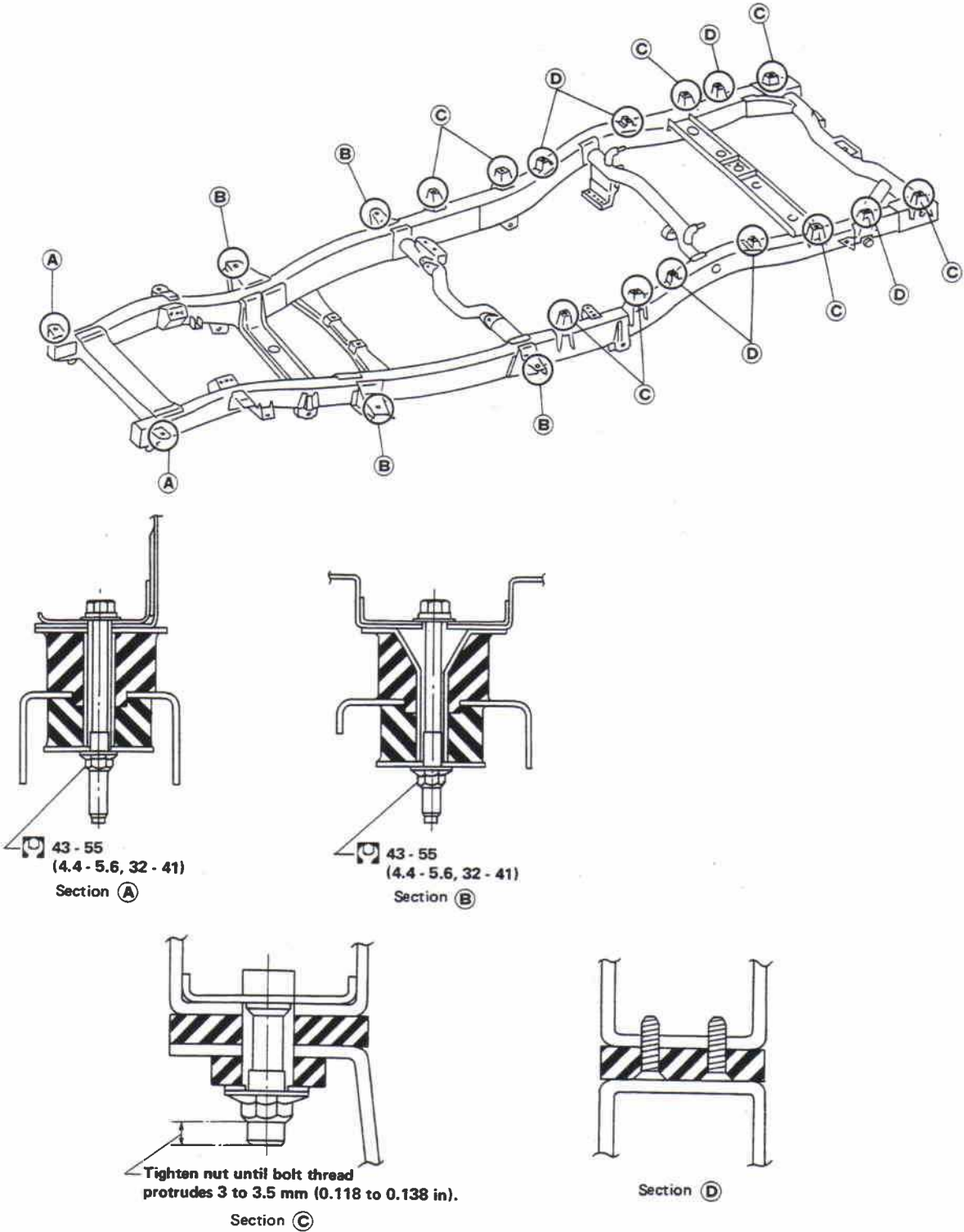


SBF025E

CAB AND REAR BODY

Body Mounting — PICKUP

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



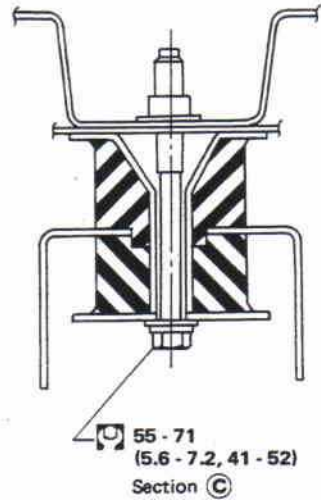
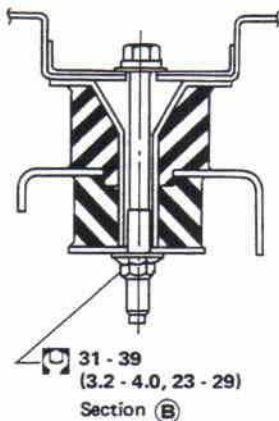
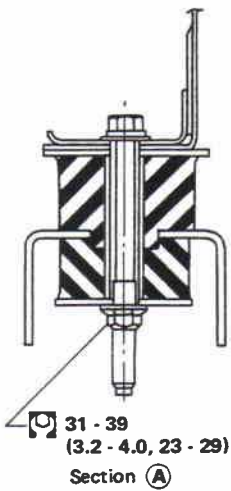
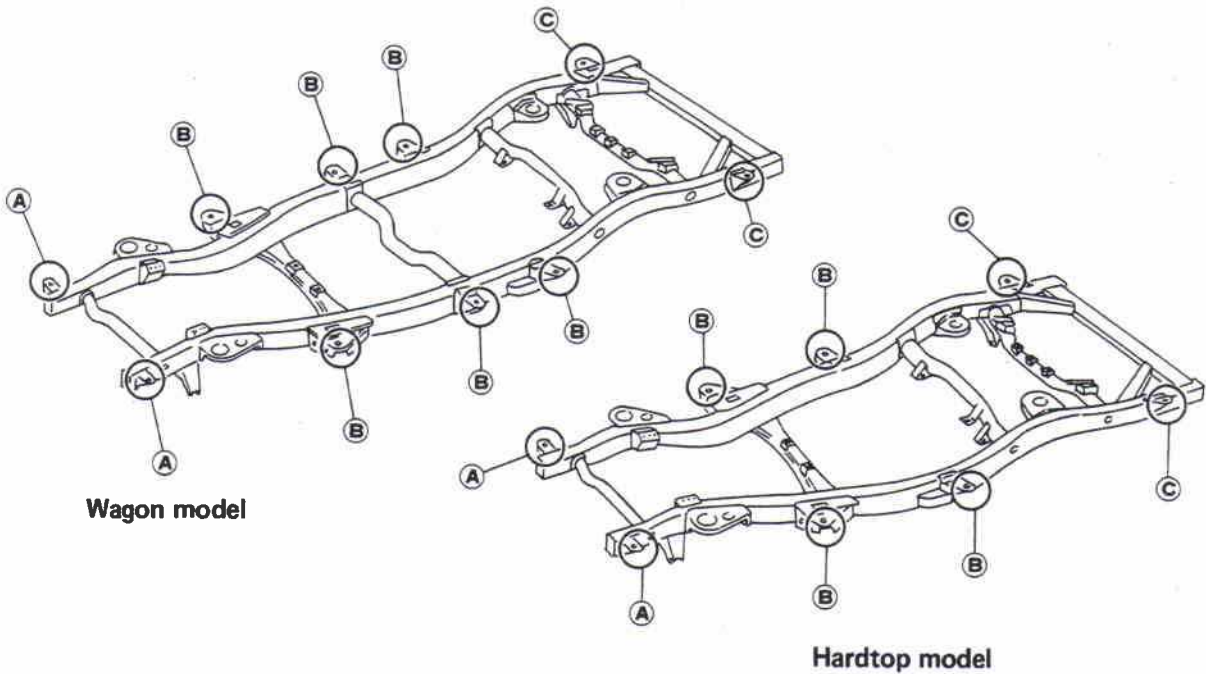
: N·m (kg·m, ft·lb)

SBF002E

CAB AND REAR BODY

Body Mounting — WAGON & HARDTOP

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



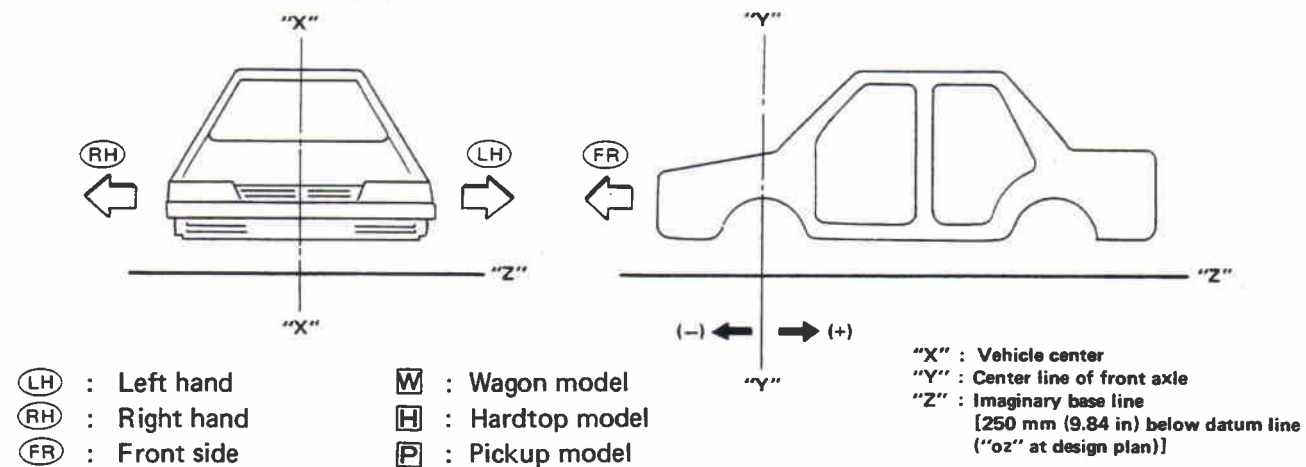
 : N·m (kg·m, ft·lb)

SBF003E

BODY ALIGNMENT

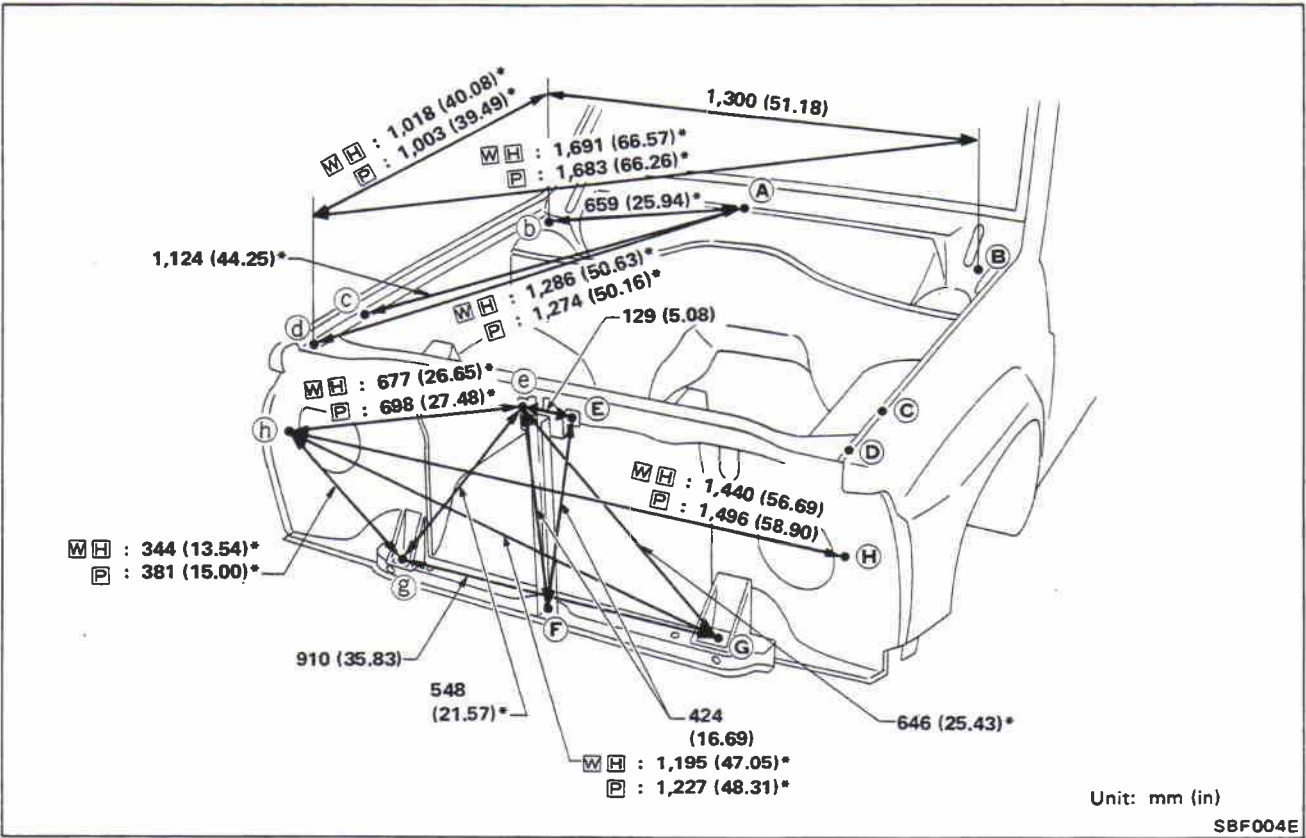
- All dimensions indicated in figures are actual ones.
- When a tram tracking gauge is used, adjust both pointers to equal length and check the pointers and gauge itself to make sure there is no free play.
- When a measuring tape is used, check to be sure there is no elongation, twisting or bending.
- Measurements should be taken at the center of the mounting holes.
- An asterisk (*) following the value at the measuring point indicates that the measuring point on the other side is symmetrically the same value.
- Measurement points

The coordinates of the measurement points are the distances measured from the respective dimension lines in the direction of "X", "Y" and "Z".



Engine Compartment

MEASUREMENT

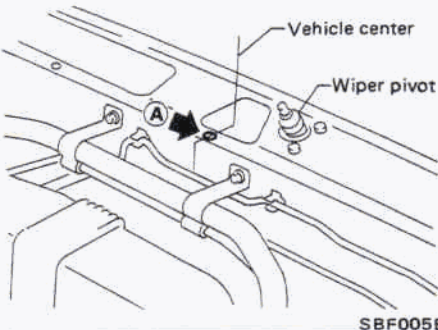
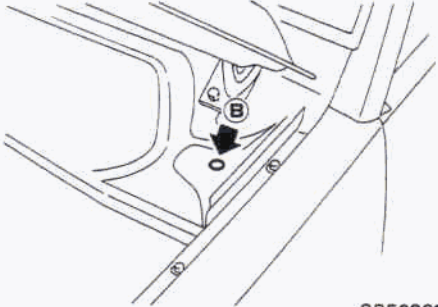
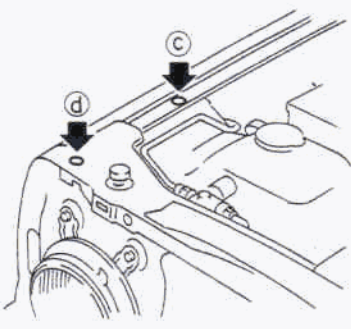


SBF004E

BODY ALIGNMENT

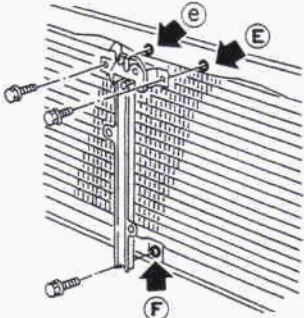
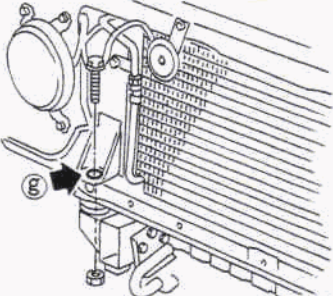
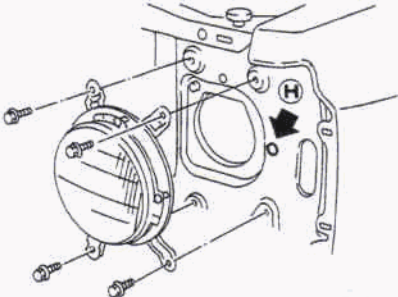
Engine Compartment (Cont'd)

DETAILED MEASUREMENT POINTS

Points	Hole dia. mm (in)	Detailed points	Coordinates mm (in)		
			"X"	"Y"	"Z"
Ⓐ	6 (0.24)	 <p>Cowl top clip mounting hole at vehicle center</p>	0.0 (0.00)	WH: 530.5 (20.89) P: 630.5 (24.82)	1,001.6 (39.43)
Ⓑ Ⓑ	16 (0.63)	 <p>Cowl top side hole</p>	650 (25.59)	WH: 480 (18.90) P: 580 (22.83)	904.8 (35.62)
Ⓒ Ⓒ	6 (0.24)	 <p>Front fender mounting hole</p>	721.0 (28.39)	WH: -320 (-12.60) P: -220 (-8.66)	857.0 (33.74)
Ⓓ Ⓓ	6 (0.24)		701.5 (27.62)	WH: -535 (-21.06) P: -420 (-16.54)	839.2 (33.04)

BODY ALIGNMENT

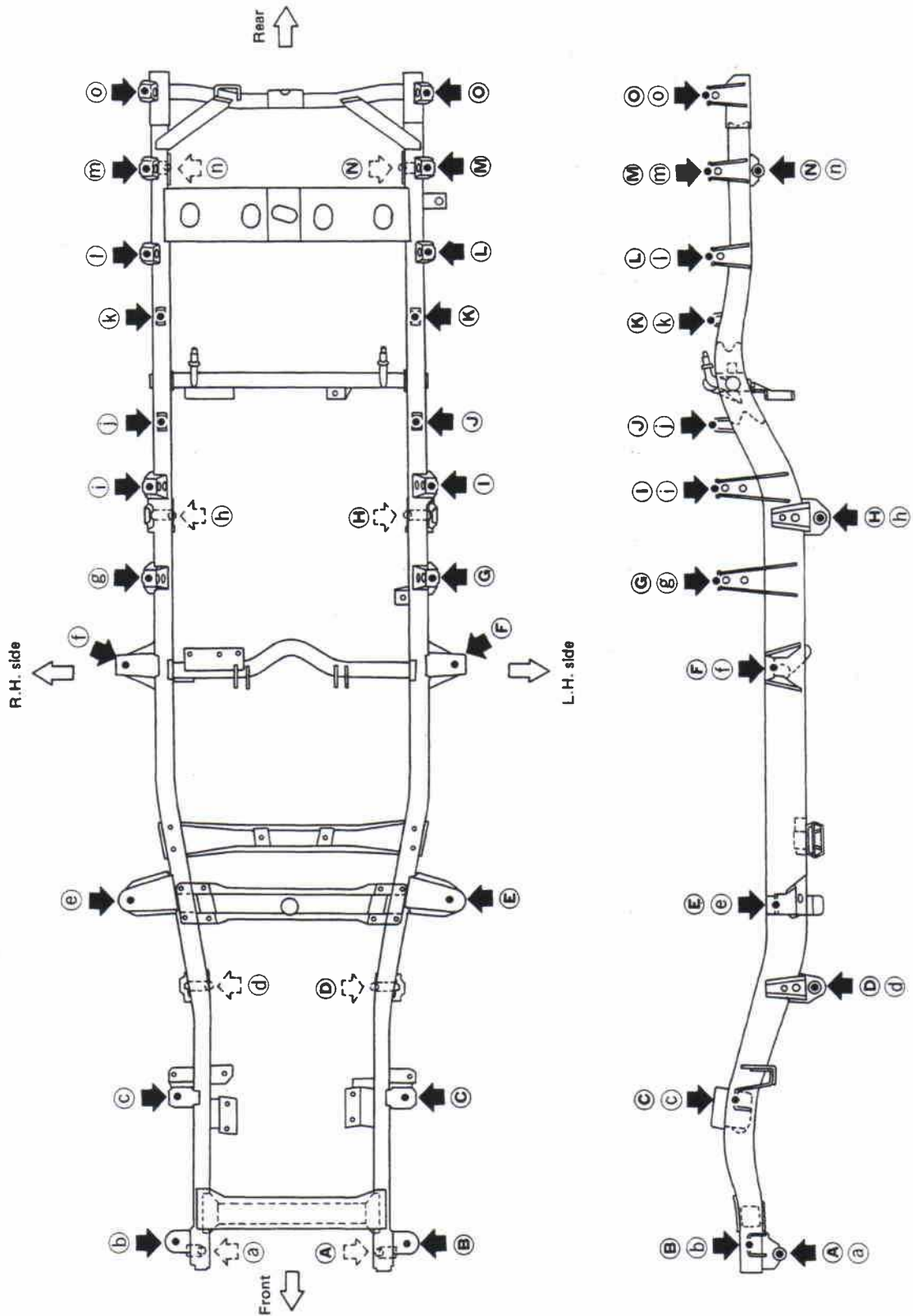
Engine Compartment (Cont'd)

Points	Hole dia. mm (in)	Detailed points		Coordinates mm (in)		
				"X"	"Y"	"Z"
Ⓔ Ⓔ	12 (0.47)	 SBF008E	Hood lock stay mounting hole on radiator core upper support	64.5 (2.54)	WH : -557.2 (-21.94) P : -457.2 (-18.00)	818.5 (32.22)
Ⓕ	6 (0.24)		Hood lock stay mounting hole at radiator core lower support	0.0 (0.00)	WH : -586.2 (-23.08) P : -486.2 (-19.14)	400 (15.75)
Ⓖ Ⓖ	30 (1.18)	 SBF009E	First body mounting hole	455 (17.91)	WH : -575 (-22.64) P : -475 (-18.70)	434.4 (17.10)
Ⓗ Ⓗ	WH : 14 (0.55) P : 15 (0.59)	 SBF010E	Headlamp adjusting screw hole on radiator core support	WH : 720 (28.35) P : 748 (29.45)	WH : -545 (-21.46) P : -445 (-17.52)	WH : 651 (25.63) P : 676 (26.61)

BODY ALIGNMENT

Underbody — PICKUP

MEASUREMENT POINTS



Underbody — PICKUP (Cont'd)

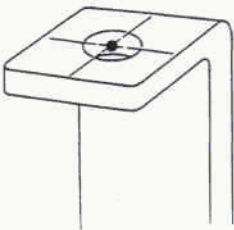
Technical drawing of a vehicle chassis showing dimensions in millimeters (mm) and inches (in). The drawing includes a top view and a side view. Key dimensions include overall length (1,275 mm / 50.20 inches), wheelbase (1,010 mm / 39.76 inches), and track width (1,385 mm / 54.53 inches). The drawing also shows various suspension components, steering knuckles, and axle assemblies. Dimensions are provided for both metric and imperial units.

All dimensions in this figure are actual ones.
There are no projected dimensions.

BODY ALIGNMENT

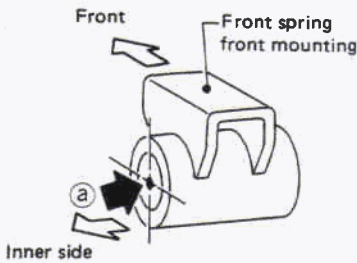
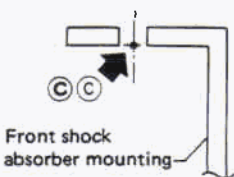
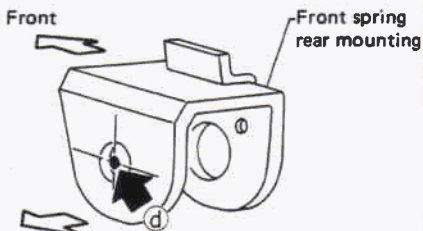
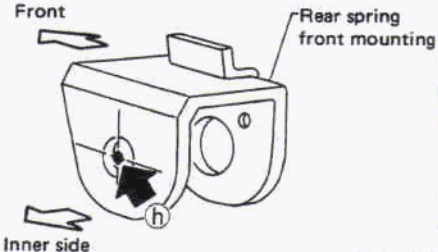
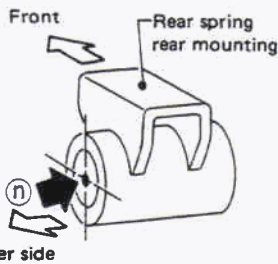
Underbody — PICKUP (Cont'd)

DETAILED MEASUREMENT POINTS

Points	Hole dia. mm (in)	Detailed points		Coordinates mm (in)		
				"X"	"Y"	"Z"
Ⓑ ⓑ	32 (1.26)	 SBF274B	Cab body or rear body mounting hole	455 (17.91)	-475 (-18.70)	344 (13.54)
Ⓔ ⓔ	32 (1.26)			630 (24.80)	885 (34.84)	213.1 (8.39)
Ⓕ ⓕ	32 (1.26)			654 (25.75)	1,800 (70.87)	215.4 (8.48)
Ⓖ ⓖ	15 x 23 (0.59 x 0.91)			560 (22.05)	2,138 (84.17)	434 (17.09)
Ⓘ Ⓢ	15 x 23 (0.59 x 0.91)			560 (22.05)	2,505 (98.62)	434 (17.09)
Ⓝ Ⓣ	12 (0.47)			505 (19.88)	2,760 (108.66)	434 (17.09)
Ⓚ Ⓚ	12 (0.47)			505 (19.88)	3,172 (124.88)	434 (17.09)
Ⓛ Ⓛ	15 x 23 (0.59 x 0.91)			560 (22.05)	3,424 (134.80)	434 (17.09)
Ⓜ Ⓜ	15 x 23 (0.59 x 0.91)			560 (22.05)	3,755 (147.83)	434 (17.09)
Ⓞ Ⓞ	15 (0.59)			560 (22.05)	4,057 (159.72)	434 (17.09)

BODY ALIGNMENT

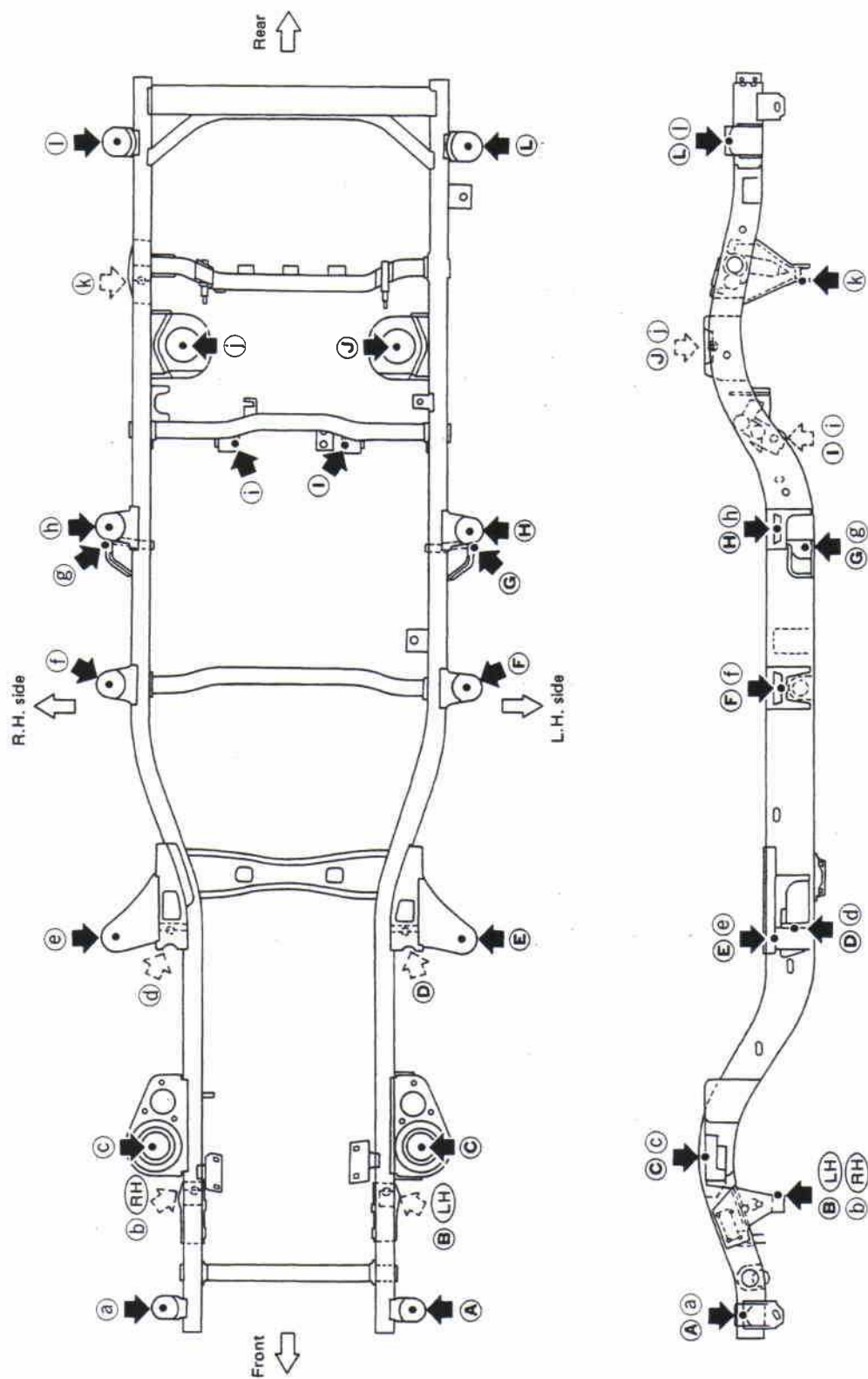
Underbody — PICKUP (Cont'd)

Points	Hole dia. mm (in)	Detailed points	Coordinates mm (in)		
			"X"	"Y"	"Z"
(A) (a)	35 (1.38)	 <p>Front spring front mounting hole</p> <p>SBF670C</p>	342 (13.46)	-510 (-20.08)	209 (8.23)
(C) (c)	15.3 (0.602)	 <p>Front shock absorber mounting</p> <p>SBF013E</p>	457 (17.99)	106 (4.17)	385 (15.16)
(D) (d)	14 (0.55)	 <p>Front spring rear mounting</p> <p>SBF669C</p>	330 (12.99)	542 (21.34)	67 (2.64)
(H) (h)	14 (0.55)	 <p>Rear spring front mounting</p> <p>SBF669C</p>	463 (18.23)	2,386 (93.94)	30 (1.18)
(N) (n)	35 (1.38)	 <p>Rear spring rear mounting</p> <p>SBF670C</p>	475 (18.70)	3,755 (147.83)	243 (9.57)

Underbody — WAGON & HARDTOP

MEASUREMENT POINTS

Wagon model



Underbody — WAGON & HARDTOP (Cont'd)

Wagon model

- Unit: mm (in)

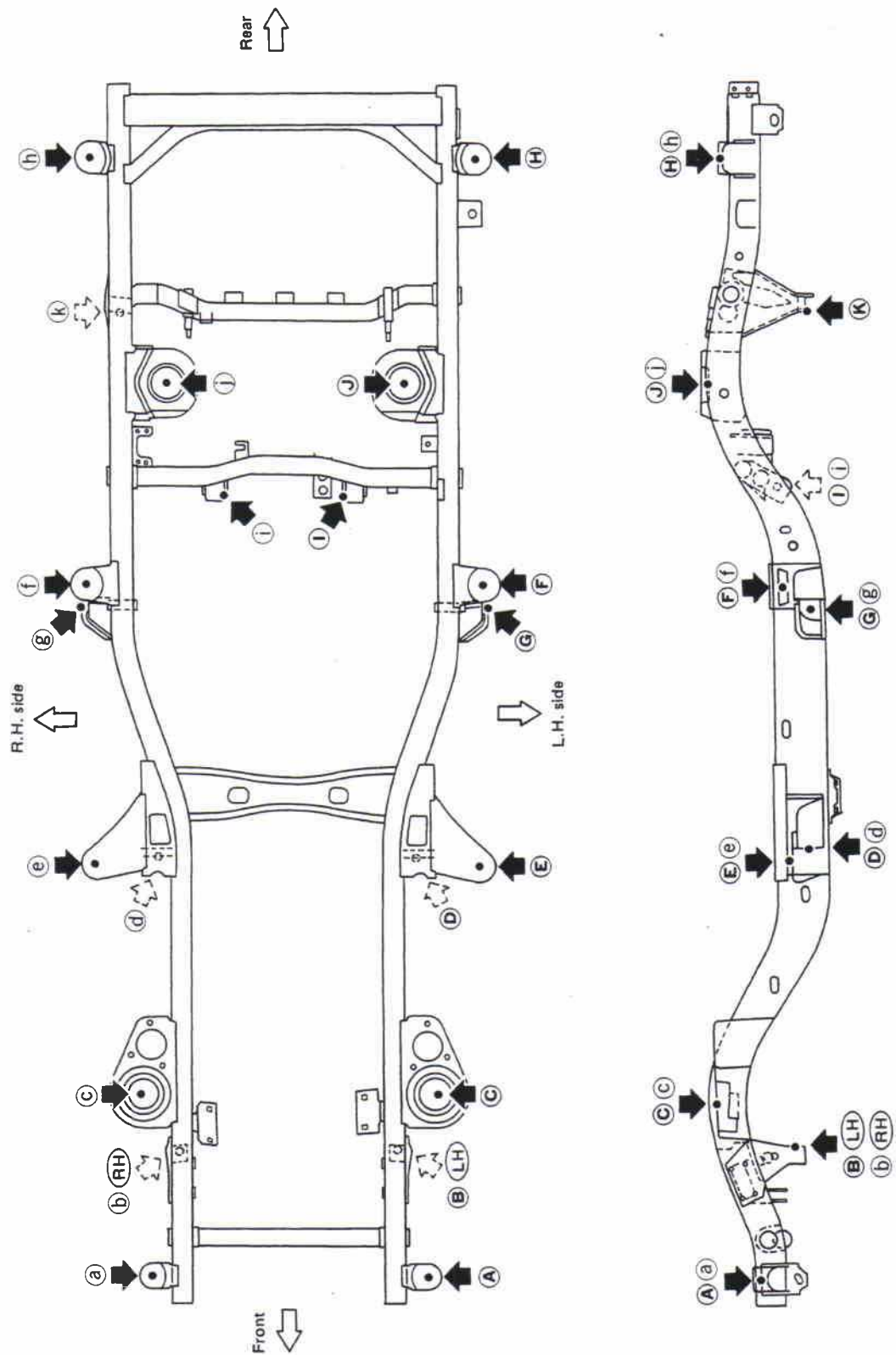


BODY ALIGNMENT

Underbody — WAGON & HARDTOP (Cont'd)

MEASUREMENT POINTS

Hardtop model



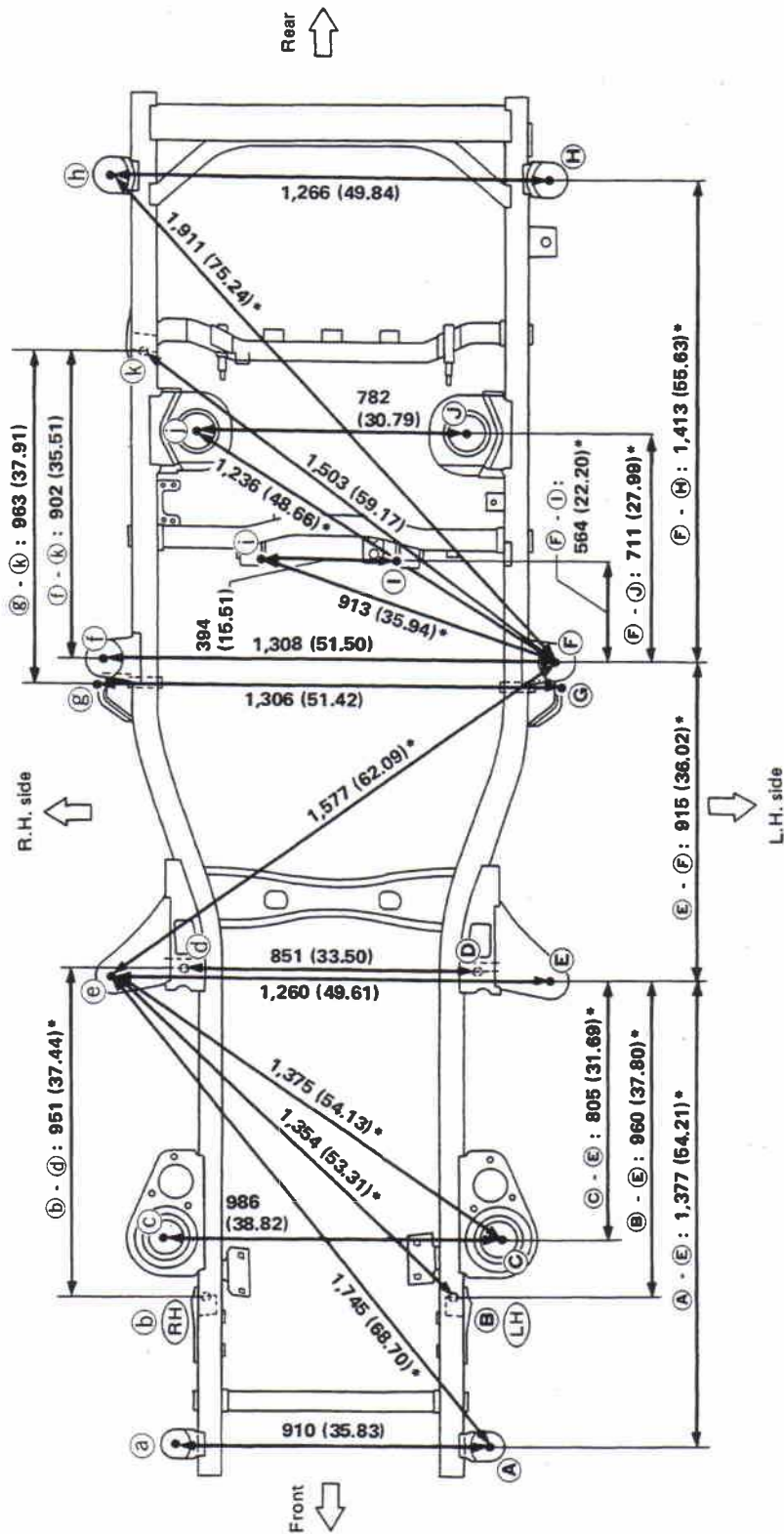
BODY ALIGNMENT

Underbody — WAGON & HARDTOP (Cont'd)

MEASUREMENT

Hardtop model

- For L.H. drive model, it is basically same as one for R.H. drive model.

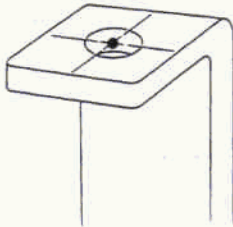
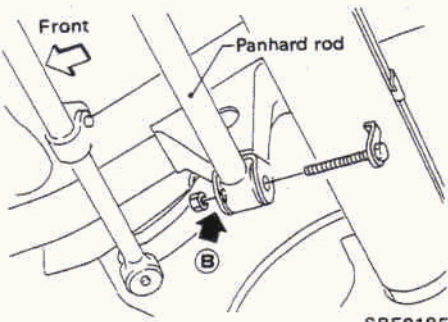
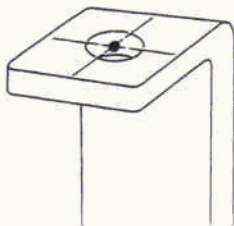


All dimensions in this figure are actual ones.
There are no projected dimensions.

BODY ALIGNMENT

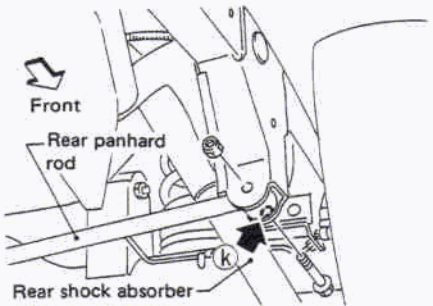


Underbody — WAGON & HARDTOP (Cont'd)

DETAILED MEASUREMENT POINTS

Points	Hole dia. mm (in)	Detailed points	Coordinates mm (in)		
			"X"	"Y"	"Z"
Ⓐ ⓐ	34 (1.34)	 SBF274B	455 (17.91)	-575 (-22.64)	343.8 (13.54)
Ⓔ ⓔ	34 (1.34)		630 (24.80)	785 (30.91)	215.4 (8.48)
Ⓕ ⓕ	32 (1.26)		654 (25.75)	1,700 (66.93)	213.4 (8.40)
Ⓗ ⓗ	32 (1.26)		Ⓜ : 654 (25.75) ⓗ : 633 (24.92)	Ⓜ : 2,270 (89.37) ⓗ : 3,097 (121.93)	Ⓜ : 213.4 (8.40) ⓗ : 422.6 (16.64)
Ⓛ ⓘ	32 (1.26)		Ⓜ : 633 (24.92)	Ⓜ : 3,667 (144.37)	Ⓜ : 422.6 (16.64)
Ⓑ Ⓛⓗ ⓓ Ⓡⓗ	14 (0.55)	 SBF018E	361.4 (14.23)	-137.1 (-5.40)	215 (8.46)
Ⓒ ⓘ	11 (0.43)	 SBF274B	493 (19.41)	25.5 (1.004)	443.6 (17.46)

BODY ALIGNMENT

Underbody — WAGON & HARDTOP (Cont'd)

Points	Hole dia. mm (in)	Detailed points		Coordinates mm (in)		
				"X"	"Y"	"Z"
Ⓚ	14.5 (0.571)	 <p>Rear panhard rod mounting hole</p>		552.4 (21.75)	 : 3,164.1 (124.57)  : 2,594 (102.13)	148 (5.83)