



**EXTRA**  
CLIP AND FASTENER

## SECTION

## BF

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- ★ For theft warning system, refer to EL section.
- ★ For seat belts, refer to MA section.
- ★ Method of reading electrical diagram in BF section is basically the same as in the EL section.  
So refer to "HOW TO READ DIAGRAM" in EL section.
- ★ For power supply routing, refer to "POWER SUPPLY" in EL section.
- ★ Black box internal circuits in BF section are a summary of actual circuit.  
Use only for studying the operation.
- ★ "Remarks" and "Connections" in electrical diagram show the terminal meaning and actual electrical flow.
- ★ For connector Nos. in wiring diagrams in this section, refer to Harness Layout in EL section.

BF

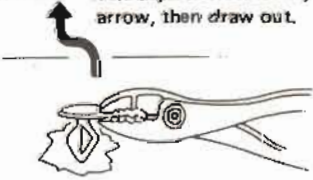
# GENERAL SERVICING

## 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 while 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

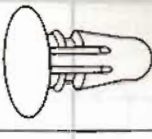
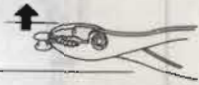
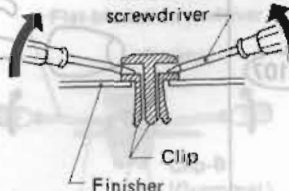
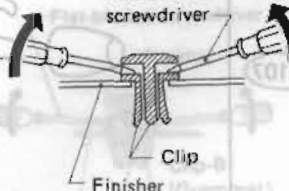
- Clips and fasteners in BF section correspond to the following numbers and symbols.

| No.  | Symbol                                                                              | Shape                                                                               | Removal & Installation                                                                                                                                  |
|------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| C101 |    |    | Removal:<br>Remove by bending up with a flat-bladed screwdriver.<br> |
|      | SBF092B                                                                             | SBF109B                                                                             | SBF094B                                                                                                                                                 |
| C103 |  |  | Removal:<br>Remove with flat-bladed screwdrivers or pliers.<br>    |
|      | SBF110B                                                                             | SBF111B                                                                             | SBF112B                                                                                                                                                 |
| C104 |  |  | Removal:<br>Remove with flat-bladed screwdrivers or pliers.<br>    |
|      | SBF358B                                                                             | SBF359B                                                                             | SBF360B                                                                                                                                                 |
| C105 |  |  | Removal:<br>Tilt clip as indicated by arrow, then draw out.<br>    |
|      | SBF141B                                                                             | SBF142B                                                                             | SBF143B                                                                                                                                                 |



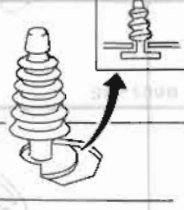
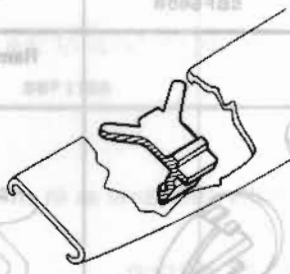
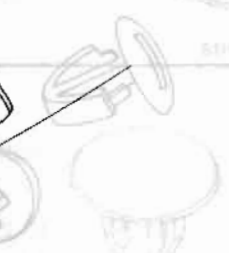
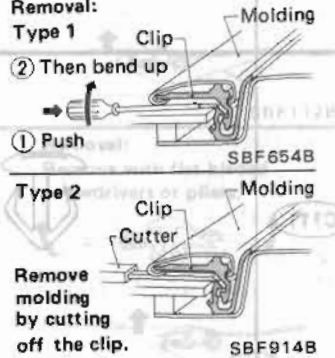
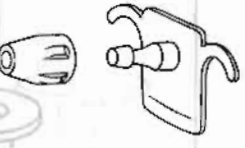
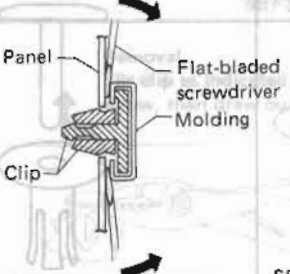
# GENERAL SERVICING

## Clip and Fastener (Cont'd)

| No.  | Symbol                                                                                         | Shape                                                                                          | Shape                                                                                            | Removal & Installation                                                                                                                                                                                                                               |
|------|------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| C106 | <br>SBF089B   | <br>SBF089B   | <br>SBF090B     | Removal:<br>Remove with flat-bladed screwdrivers or pliers.<br><br><br>SBF091B |
| C107 | <br>SBF365B   | <br>SBF366B   | <br>SBF367B     | Removal:<br>Remove by bending up with flat-bladed screwdrivers.<br>                                                                                               |
| C108 | <br>SBF564B | <br>SBF565B | <br>SBF566B | Removal:<br>Remove by bending up with a flat-bladed screwdriver.<br>                                                                                            |
| C111 | <br>SBF605C | <br>SBF606C | <br>SBF625C   | Removal:<br>                                                                                                                                                    |
| C205 | <br>SBF636C | <br>SBF637C | <br>SBF638C | Removal:<br>Flat-bladed screwdriver<br>Clip<br>Finisher<br>                                                                                                     |

# GENERAL SERVICING

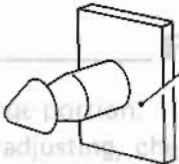
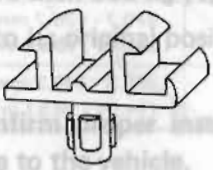
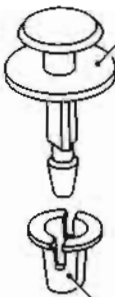
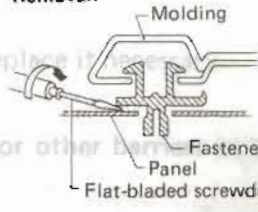
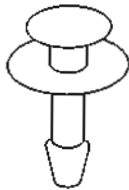
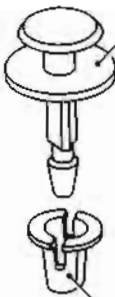
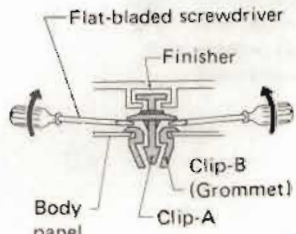
## Clip and Fastener (Cont'd)

| No.   | Symbol                                                                              | Shape                                                                               | Removal & Installation                                                                              |
|-------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|
| CS102 |    |    | Removal:<br>Screw out with a Phillips screwdriver.                                                  |
|       | SBF138B                                                                             | SBF139B                                                                             |                                                                                                     |
| CS105 |    |    |                                                                                                     |
|       | SBF374B                                                                             | SBF375B                                                                             |                                                                                                     |
| CE103 |   |   | Removal:                                                                                            |
|       | SBF103B                                                                             | SBF104B                                                                             |                 |
| CE106 |  |  | Removal:<br>Type 1<br>② Then bend up<br>① Push<br>Type 2<br>Remove molding by cutting off the clip. |
|       | SBF653B                                                                             | SBF653B                                                                             |                |
| CE107 |  |  |                |
|       | SBF765B                                                                             | SBF766B                                                                             | SBF767B                                                                                             |



# GENERAL SERVICING

## Clip and Fastener (Cont'd)

| No.   | Symbol                                                                              | Shape                                                                                                                                   | Removal & Installation                                                                                                                                                                                 |
|-------|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CE110 |    | <br>Clip-A<br>Clip-B (Grommet)<br>SBF032C              | <b>Removal:</b><br><br>Flat-bladed screw driver<br>SBF034C                                                          |
| CF104 |    | <br>SBF368B<br>SBF369B                                 | <b>Removal:</b><br><br>SBF370B                                                                                      |
| CF105 |  | <br>SBF371B<br>SBF372B                               | <b>Removal:</b><br><br>SBF373B                                                                                     |
| CF106 |  | <br>SBF411B<br>Clip-A<br>Clip-B (Grommet)            | <b>Removal:</b><br><br>Molding<br>Fastener<br>Panel<br>Flat-bladed screwdriver<br>SBF412B                         |
| CF113 |  | <br>SBF035C<br>SBF036C<br>Clip-A<br>Clip-B (Grommet) | <b>Removal:</b><br><br>Flat-bladed screwdriver<br>Finisher<br>Clip-B (Grommet)<br>Clip-A<br>Body panel<br>SBF652B |

# GENERAL SERVICING

## Clip and Fastener (Cont'd)

| No.   | Symbol | Shape | Removal & Installation                                                                                                                                                                                 |
|-------|--------|-------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CR101 |        |       | <p><b>Removal:</b><br/>Holder portion of clip must be spread out to remove rod.</p> <p><b>Installation:</b><br/>Push clip into place with a flat-bladed screwdriver.</p> <p>SBF106B</p> <p>SBF146B</p> |
| CR103 |        |       | <p><b>Removal:</b><br/>Holder portion of clip must be spread out to remove rod.</p> <p><b>Installation:</b><br/>Push clip into place with a flat-bladed screwdriver.</p> <p>SBF768B</p> <p>SBF770B</p> |
| CR105 |        |       | <p><b>Removal:</b><br/>Push clip out with a flat-bladed screwdriver.</p> <p><b>Installation:</b><br/>Push clip into place with a flat-bladed screwdriver.</p> <p>SBF106B</p> <p>SBF146B</p>            |
| CR107 |        |       | <p><b>Removal:</b><br/>Push clip out with a flat-bladed screwdriver.</p> <p><b>Installation:</b><br/>Push clip into place with a flat-bladed screwdriver.</p> <p>SBF106B</p> <p>SBF146B</p>            |
| CR109 |        |       | <p><b>Removal:</b><br/>Push clip out with a flat-bladed screwdriver.</p> <p><b>Installation:</b><br/>Push clip into place with a flat-bladed screwdriver.</p> <p>SBF106B</p> <p>SBF146B</p>            |
| CR111 |        |       | <p><b>Removal:</b><br/>Push clip out with a flat-bladed screwdriver.</p> <p><b>Installation:</b><br/>Push clip into place with a flat-bladed screwdriver.</p> <p>SBF106B</p> <p>SBF146B</p>            |
| CR113 |        |       | <p><b>Removal:</b><br/>Push clip out with a flat-bladed screwdriver.</p> <p><b>Installation:</b><br/>Push clip into place with a flat-bladed screwdriver.</p> <p>SBF106B</p> <p>SBF146B</p>            |



## BODY END AND DOOR

- When removing and installing hood or back door, place a cloth or other padding on hood or back door corners to avoid scratching vehicle body.
- When removing clip or fastener, refer to CLIP & FASTENER.
- Apply sealing compound where necessary when installing parts.

### 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 locks engaging mechanism.
- Hood opener: Do not attempt to bend cable forcibly. Doing so increases effort required to unlock hood.
- Bumper fascia: It is made of plastic, so do not use excessive force and take care to keep oil away from it.
- When adjusting or removing/installing hood or removing/installing hood switch, check theft warning system operation.

#### WARNING:

- a. Be careful not to scratch hood stay when installing hood. A scratched stay may cause gas leakage.
- b. The contents of the hood stay and bumper shock absorber are under pressure. Do not take apart, puncture, apply heat or allow fire near it.

#### Bumper shock absorber inspection

1. Check shock absorber for oil leakage, cracks or deformation.
2. Function of shock absorber;
  - (1) Place vehicle in front of a wall.  
Apply parking brake and place tire stoppers securely.
  - (2) Place a jack between bumper and wall; jack is positioned squarely with bumper directly in line with shock absorber to be checked.
  - (3) Apply pressure to compress shock absorber at least 10.0 mm (0.394 in).

Use a jack with capacity of more than 600 kg (1,323 lb).

- (4) Make sure bumper returns to its original position when jack is retracted. Replace if necessary.

#### CAUTION:

It is not recommended to confirm proper installation by driving into walls or other barriers as this could cause personal injury or damage to the vehicle.

When replacing shock absorbers, make sure they are of the same type and rating, and manufactured by the same maker.

# BODY END AND DOOR

## Front End (Cont'd)

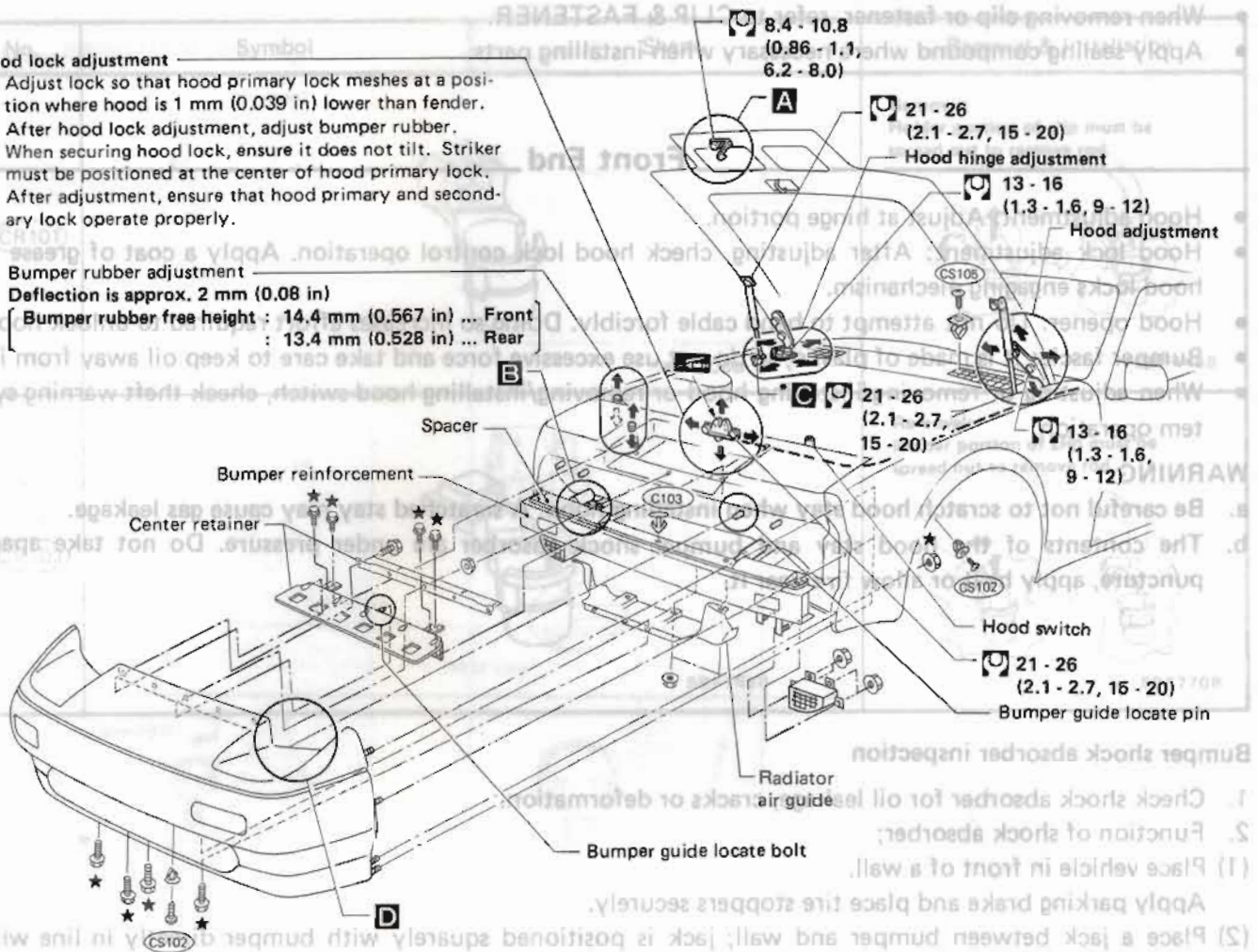
### Hood lock adjustment

- Adjust lock so that hood primary lock meshes at a position where hood is 1 mm (0.039 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.

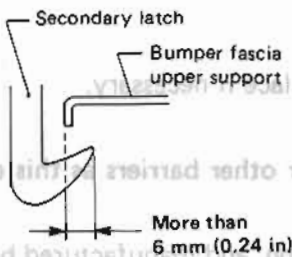
### Bumper rubber adjustment

Deflection is approx. 2 mm (0.08 in)

Bumper rubber free height : 14.4 mm (0.567 in) ... Front  
: 13.4 mm (0.528 in) ... Rear

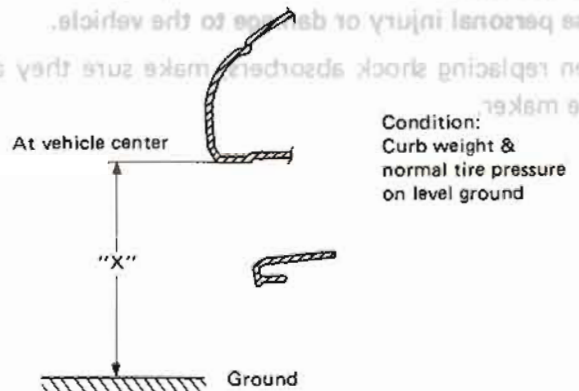


### A Secondary latch hooking length



### Bumper height: "X"

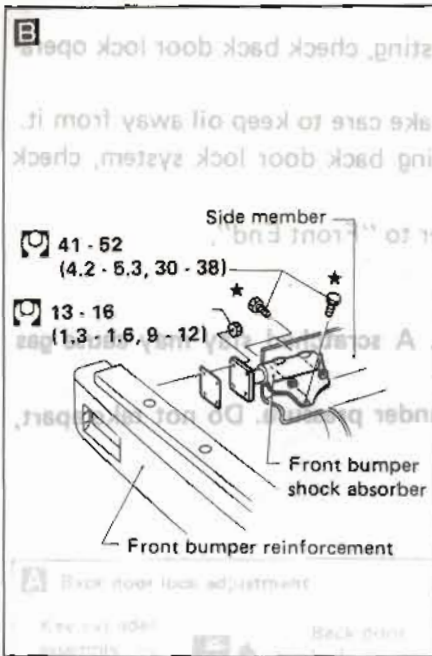
|                        | 2 seater                               | 2 + 2 seater                           |
|------------------------|----------------------------------------|----------------------------------------|
| Turbocharger model     | 370.7 - 420.7 mm<br>(14.59 - 16.56 in) | 373.6 - 423.6 mm<br>(14.71 - 16.68 in) |
| Non-turbocharger model | 369.3 - 419.3 mm<br>(14.54 - 16.51 in) | 372.7 - 422.7 mm<br>(14.67 - 16.64 in) |



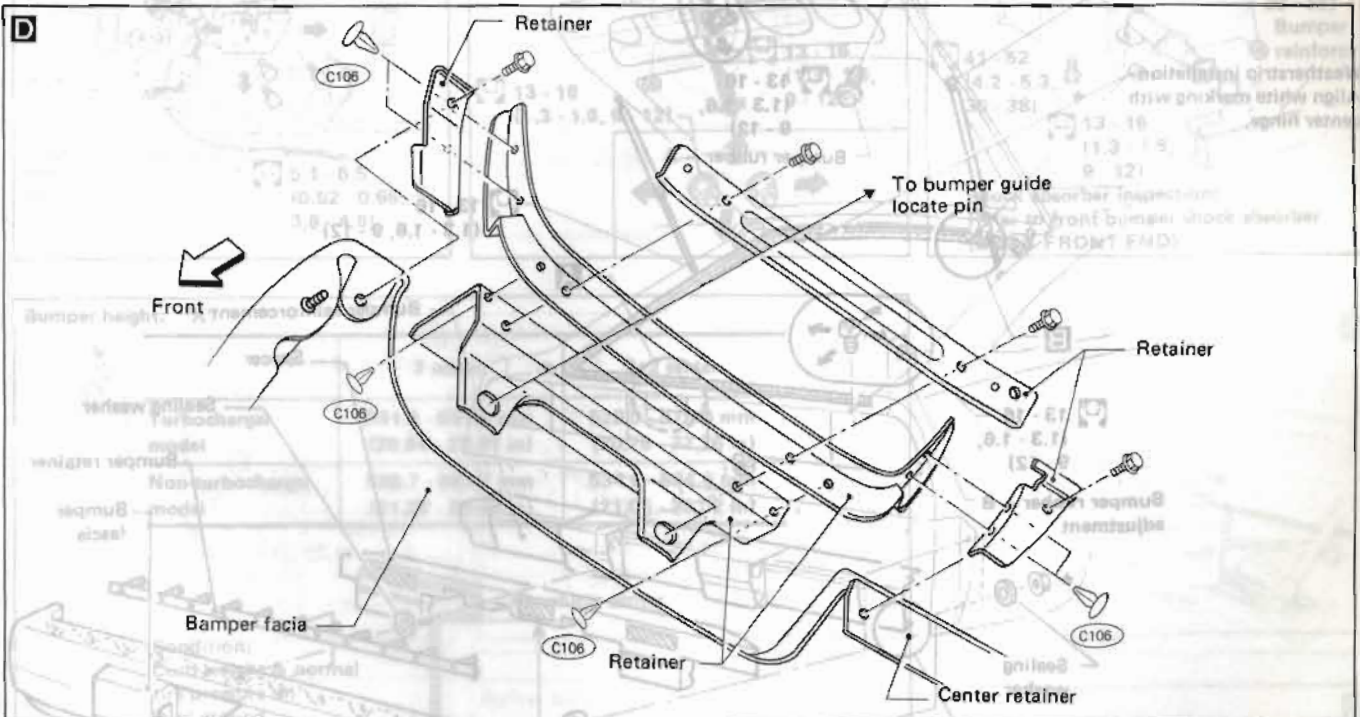
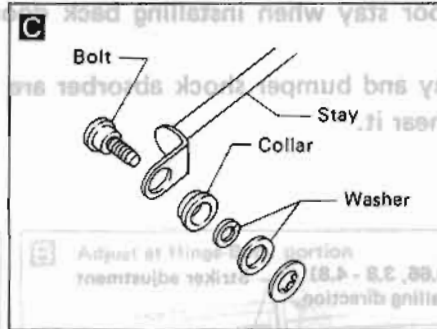


# BODY END AND DOOR

## Front End (Cont'd)



\*Hood stay  
When removing/installing hood stay lower mounting (at stay-body portion), be careful not to drop collar.



- : Grease-up point
- : N-m (kg-m, ft-lb)
- : Bumper assembly mounting bolts

SBF839D

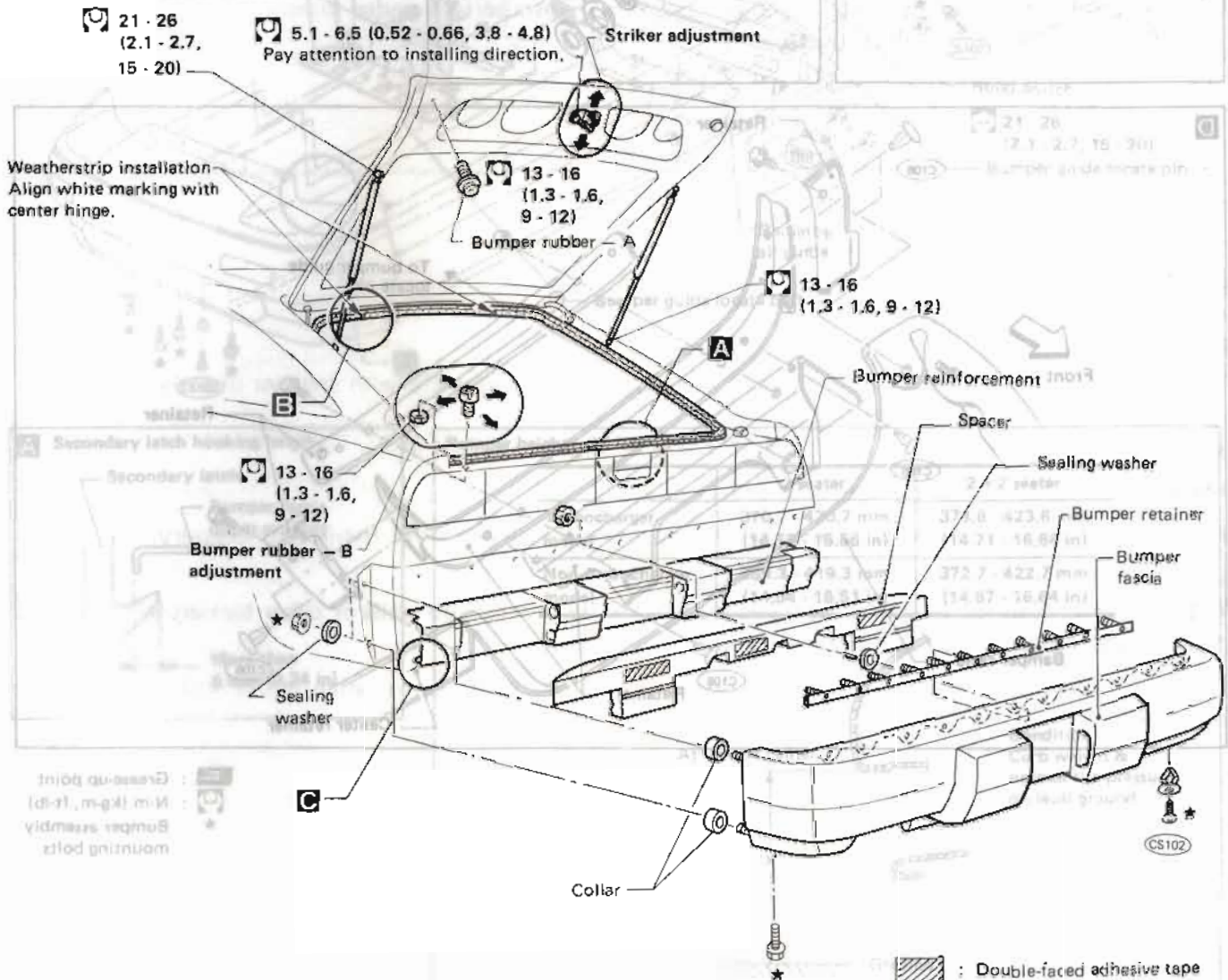
# BODY END AND DOOR

## Rear End

- Back door adjustment: Adjust at hinge for proper back door fit.
- Lock: Adjust lock so that it is in the center of the striker. After adjusting, check back door lock operation.
- Bumper fascia: It is made of plastic, so do not use excessive force and take care to keep oil away from it.
- When adjusting or removing/installing back door or removing/installing back door lock system, check theft warning system operation.
- Bumper shock absorber inspection: It's the same as front bumper. Refer to "Front End".

### WARNING:

- Be careful not to scratch back door stay when installing back door. A scratched stay may cause gas leakage.
- The contents of the back door stay and bumper shock absorber are under pressure. Do not take apart, puncture, apply heat or allow fire near it.

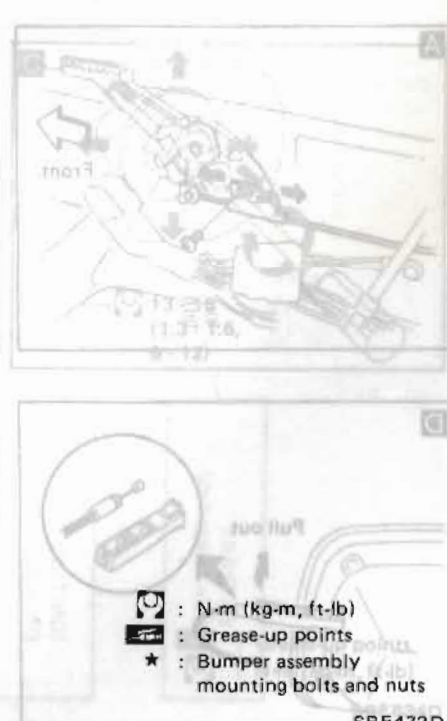
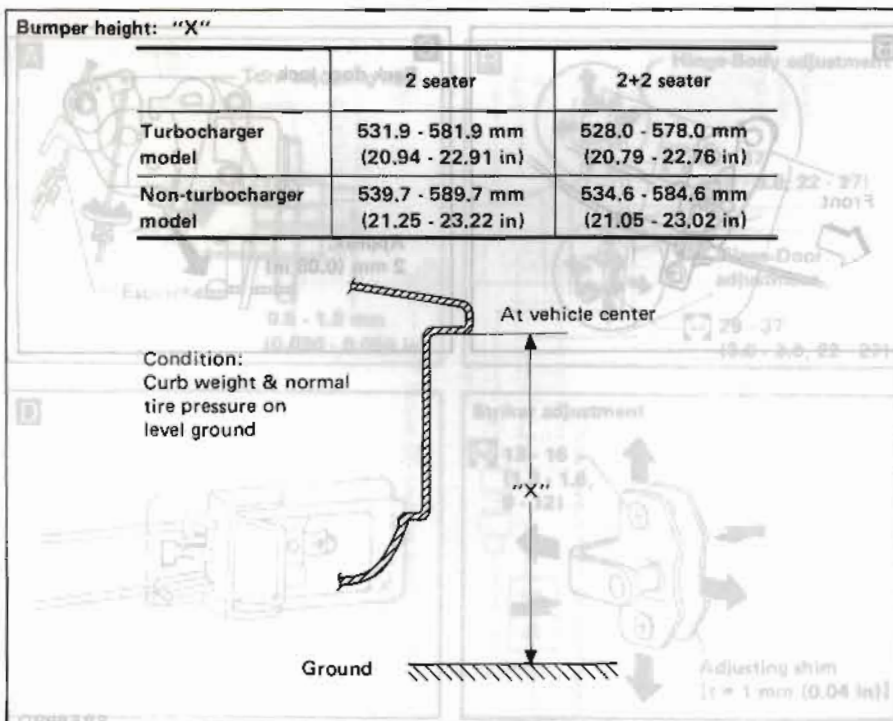
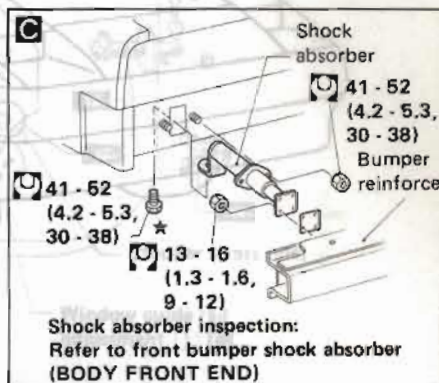
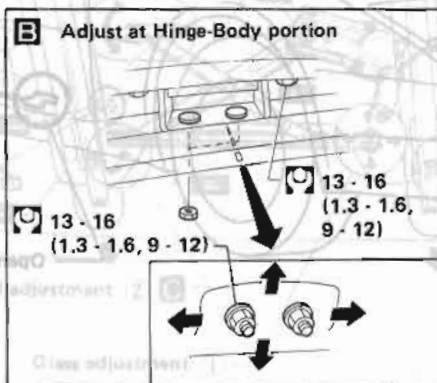
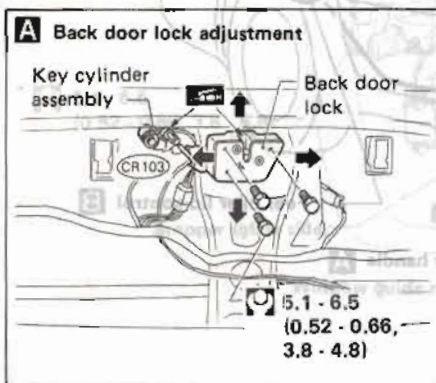




# BODY END AND DOOR

## Rear End (Cont'd)

- After adjusting door to door lock, check lock operation.
- When adjusting, make sure that back door and fuel filler lid open smoothly.
- After installation, make sure that back door and fuel filler lid open smoothly.



SBF472D

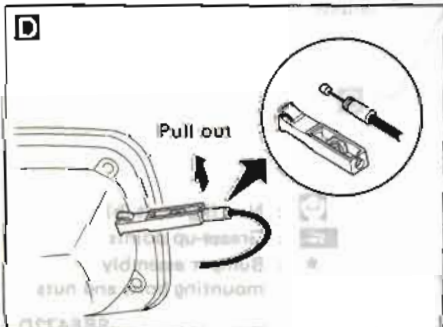
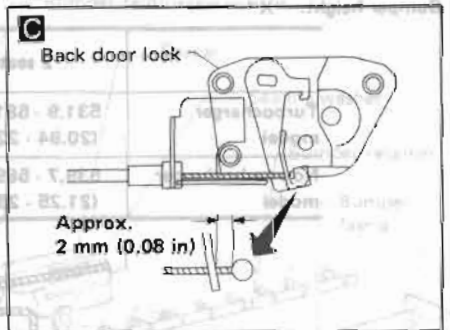
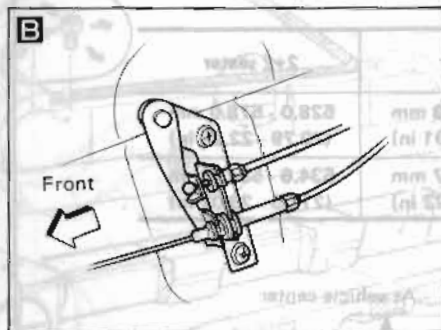
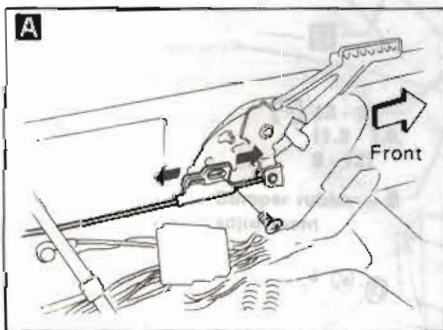
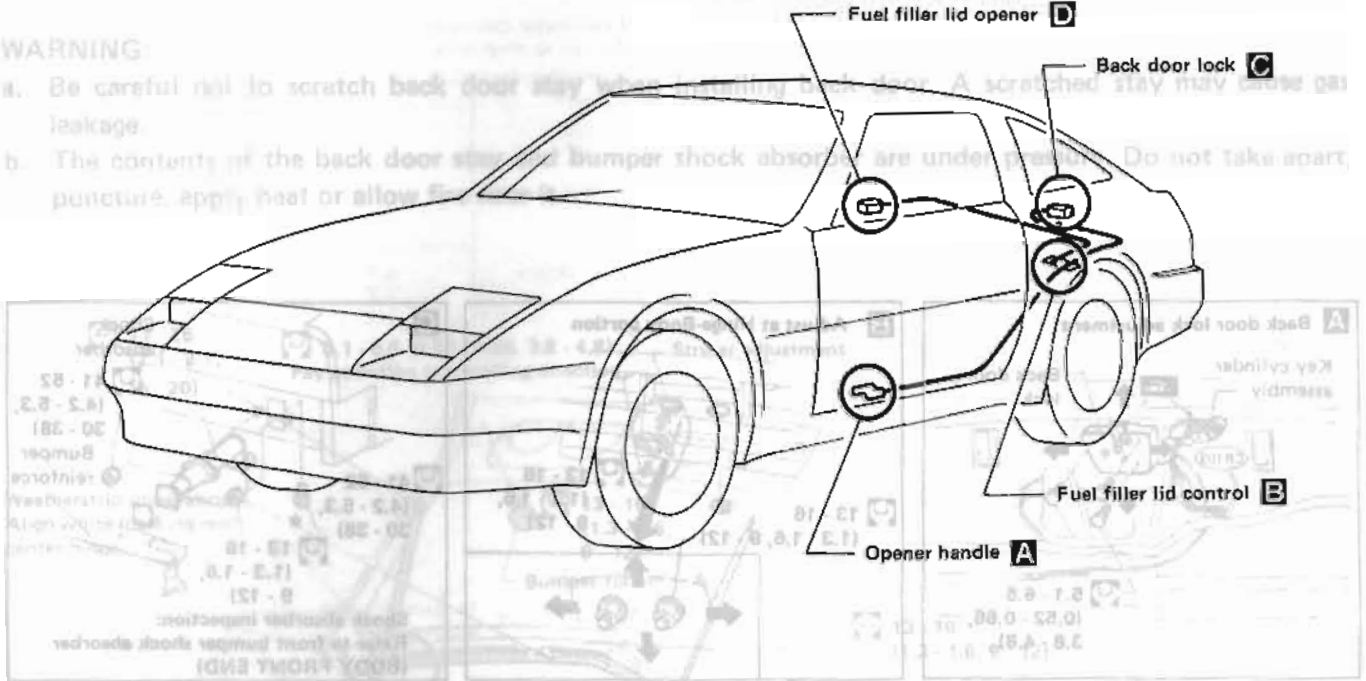
# BODY END AND DOOR

## Back Door and Fuel Filler Lid Opener

- Opener cable: Do not attempt to bend cable using excessive force.
- After installation, make sure that back door and fuel filler lid open smoothly.
- Bumper fascia: It is made of plastic, so do not use excessive force and take care to keep oil away from it.
- When adjusting or removing/installing back door or fuel filler lid, check back door lock operation.
- Theft warning system operation.
- Bumper shock absorber inspection: It's the same as bumper shock absorber.

### WARNING:

- Be careful not to scratch back door key when handling back door. A scratched key may cause gas leakage.
- The contents of the back door shock absorber are under pressure. Do not take apart, puncture, apply heat or allow fire.



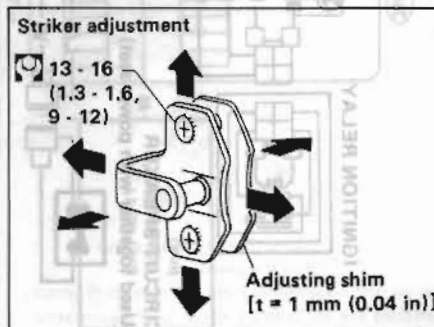
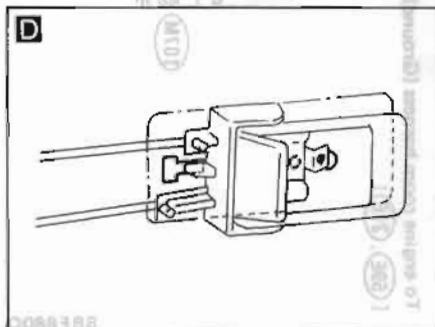
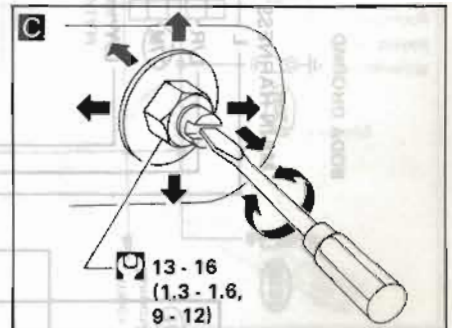
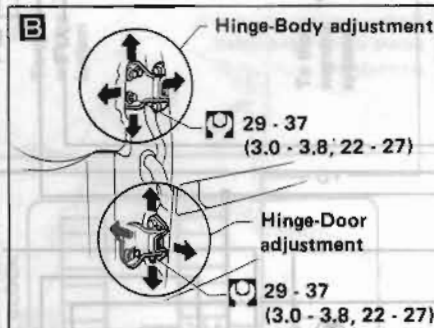
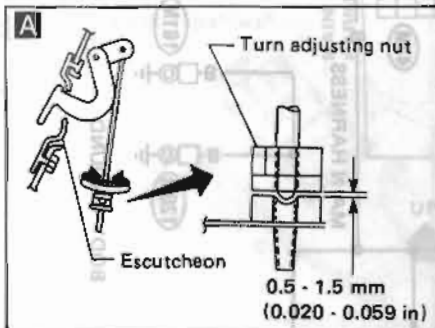
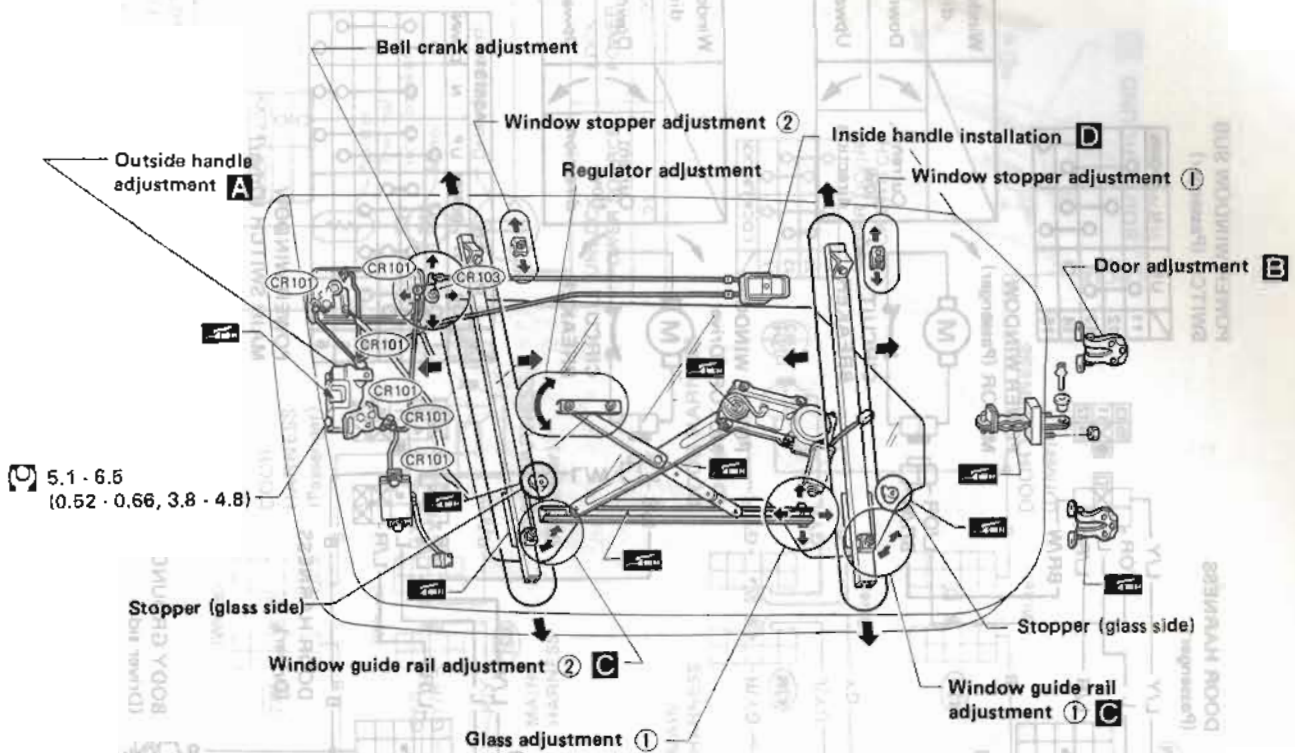
SBF699D



# BODY END AND DOOR

## Front Door

- After adjusting door or door lock, check door lock operation.
- When adjusting or removing/installing door or removing/installing door lock system or door switch, check theft warning system operation.



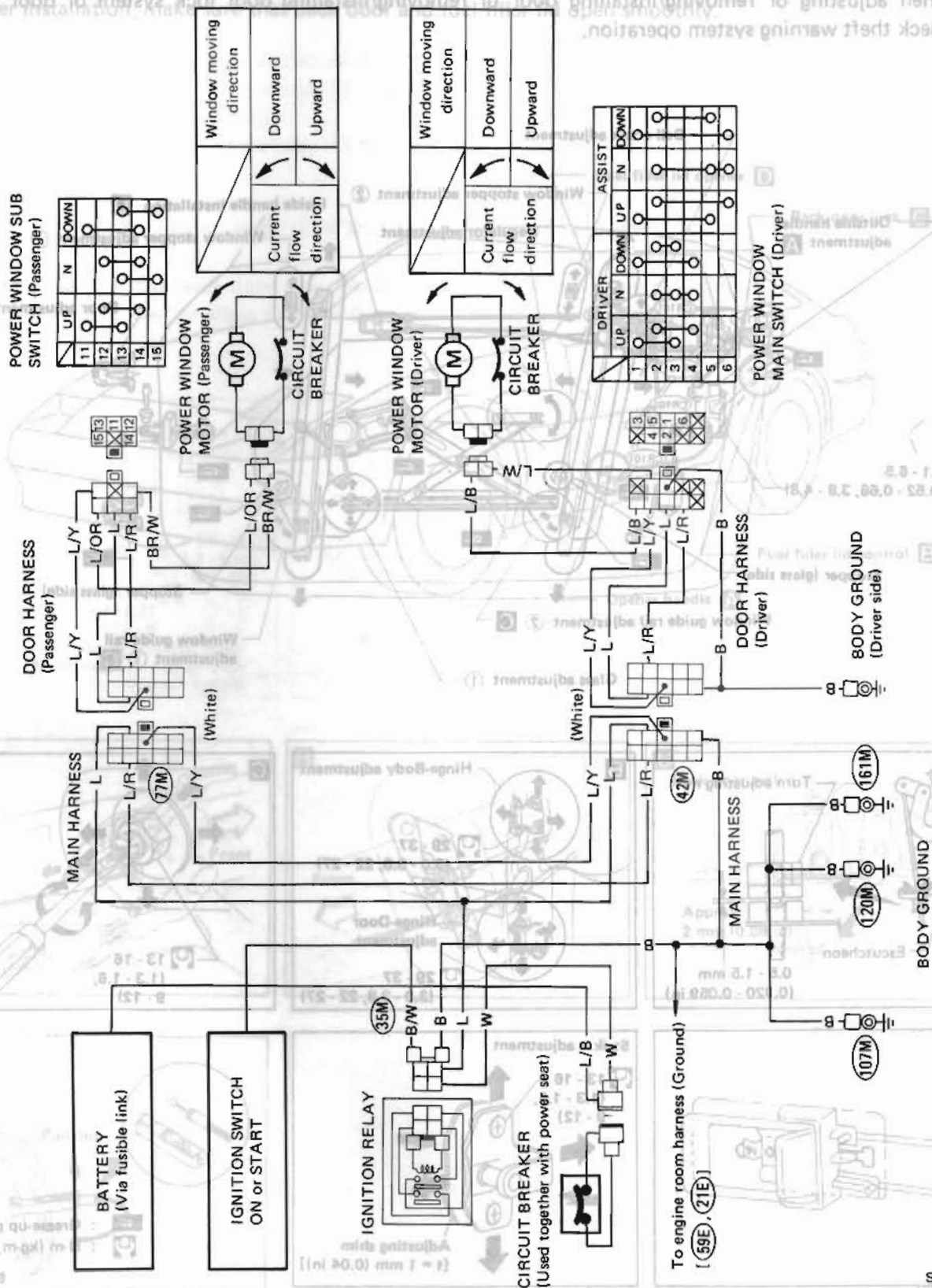
: Grease-up points  
 : N·m (kg·m, ft·lb)

S8F834D

# BODY END AND DOOR

## Front Door (Cont'd)

### POWER WINDOW/WIRING DIAGRAM





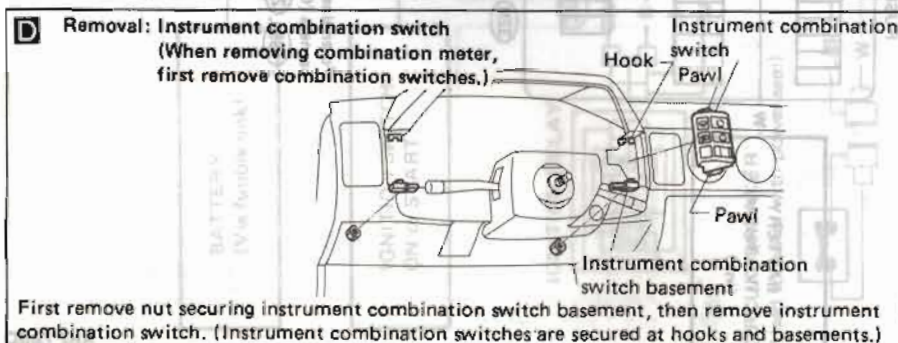
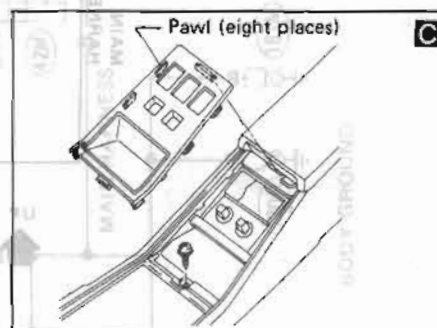
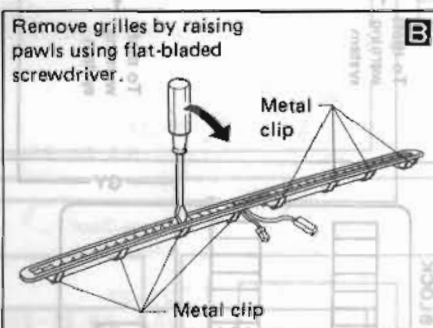
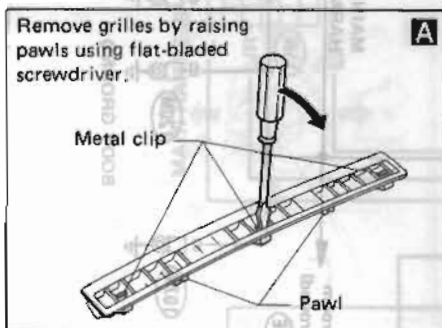
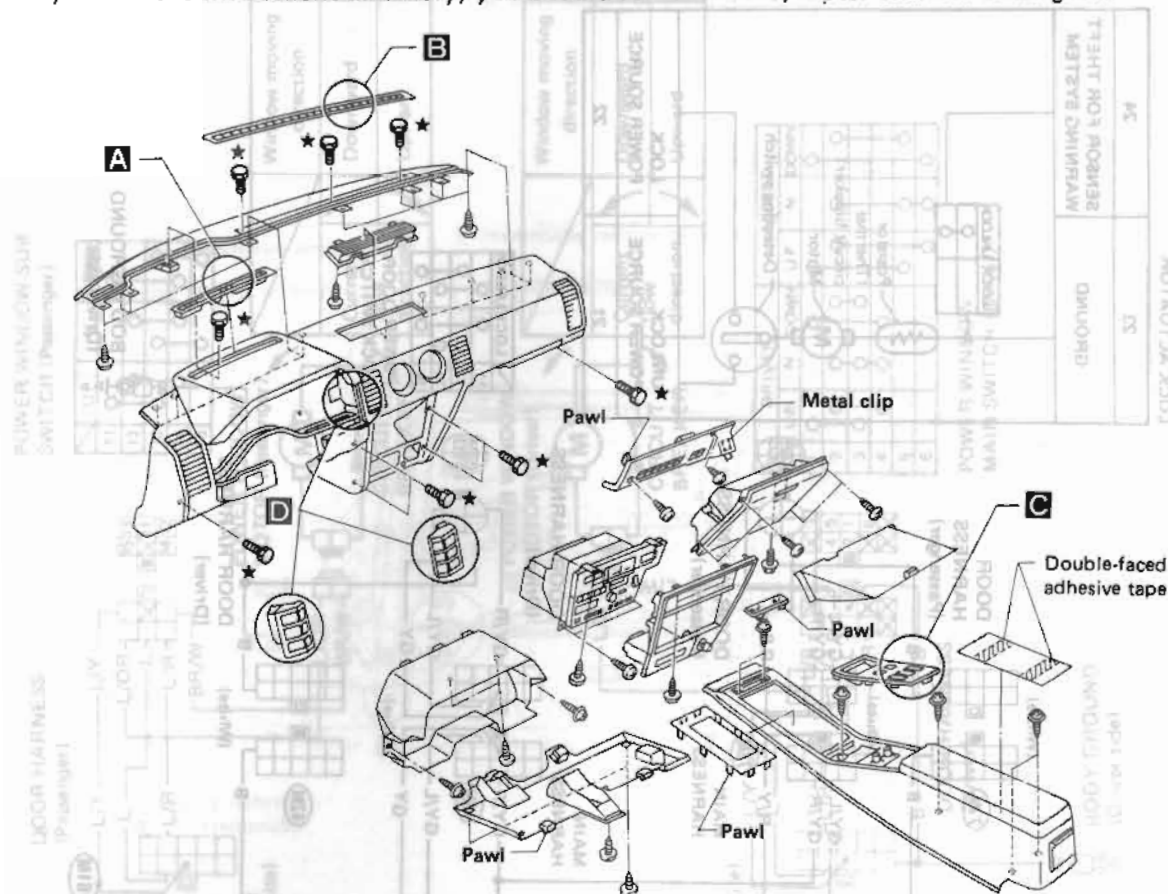
### Front Door (Cont'd)

## Front Manual Driver Seat



# INSTRUMENT

- These parts are made of plastic, so do not use excessive force and be careful not to damage them.
- When you remove instrument assembly, you should remove radio, meter and defroster grille.



★ : Instrument assembly mounting screw

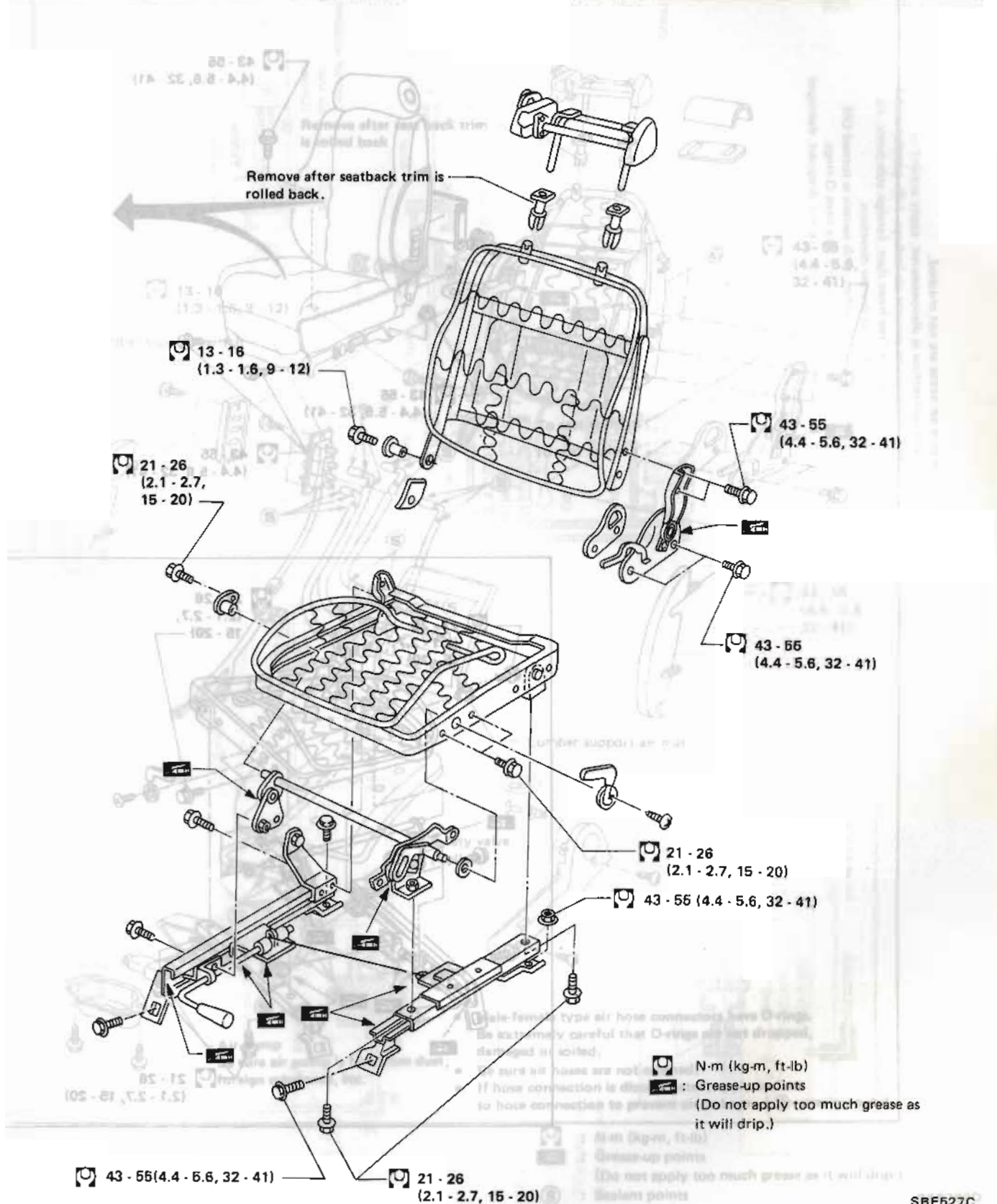
SBF478D



## SEAT

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

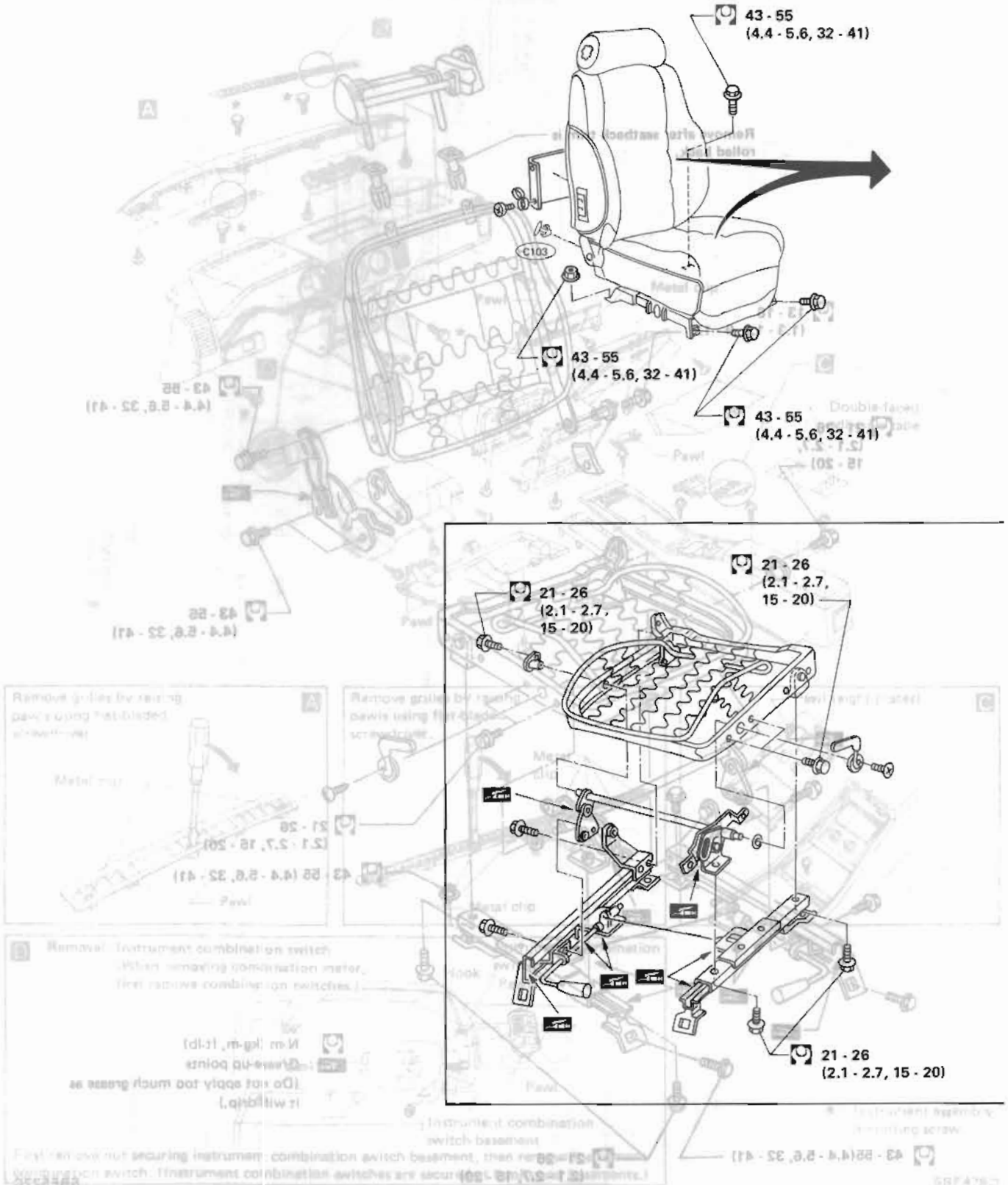
## Front Manual Driver Seat



# SEAT

## Front Semi Power Driver Seat

- These parts are made of plastic, so do not use excessive force and be careful not to damage them.
- When you remove instrument assembly, you should remove radio, meter and defroster grille.



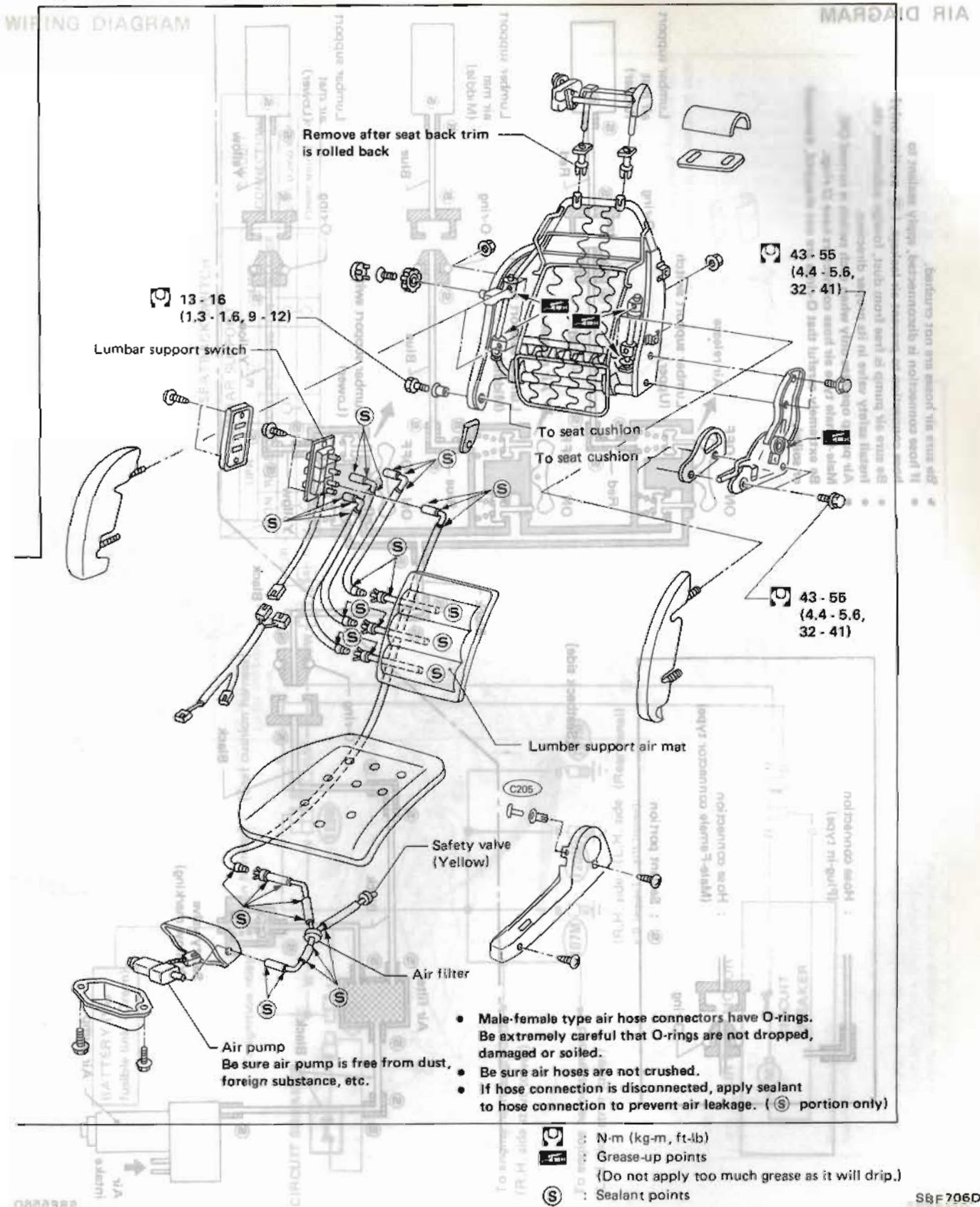


# SEAT

## Front Semi Power Driver Seat (Cont'd)

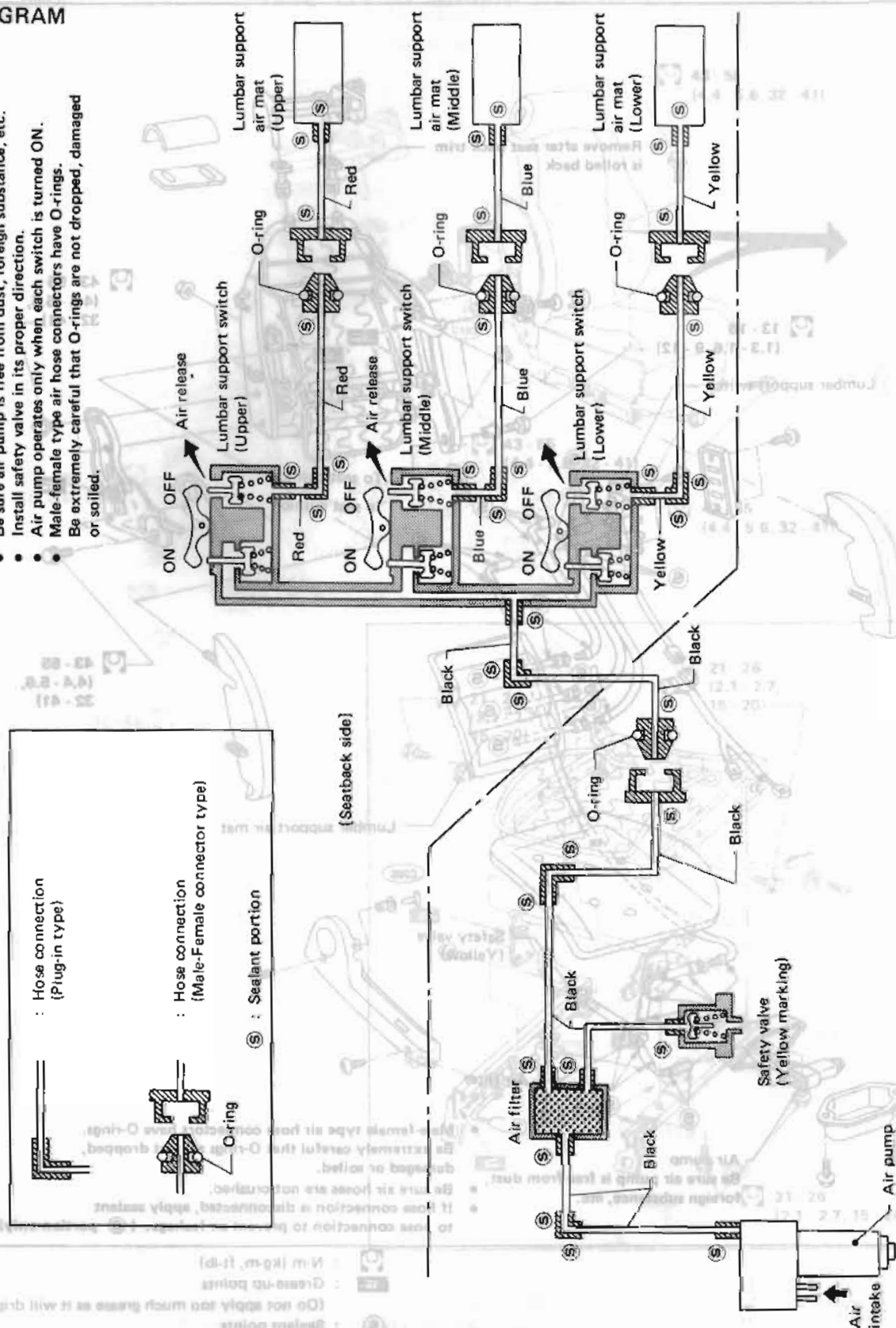
WIRING DIAGRAM

AIR DIAGRAM



### Front Semi Power Driver Seat (Cont'd)

- Be sure air hoses are not crushed.
- If hose connection is disconnected, apply sealant to hose connection to prevent air leakage. (S portion only)
- Be sure air pump is free from dust, foreign substance, etc.
- Install safety valve in its proper direction.
- Air pump operates only when each switch is turned ON.
- Male-female type air hose connectors have O-rings.
- Be extremely careful that O-rings are not dropped, damaged or soiled.

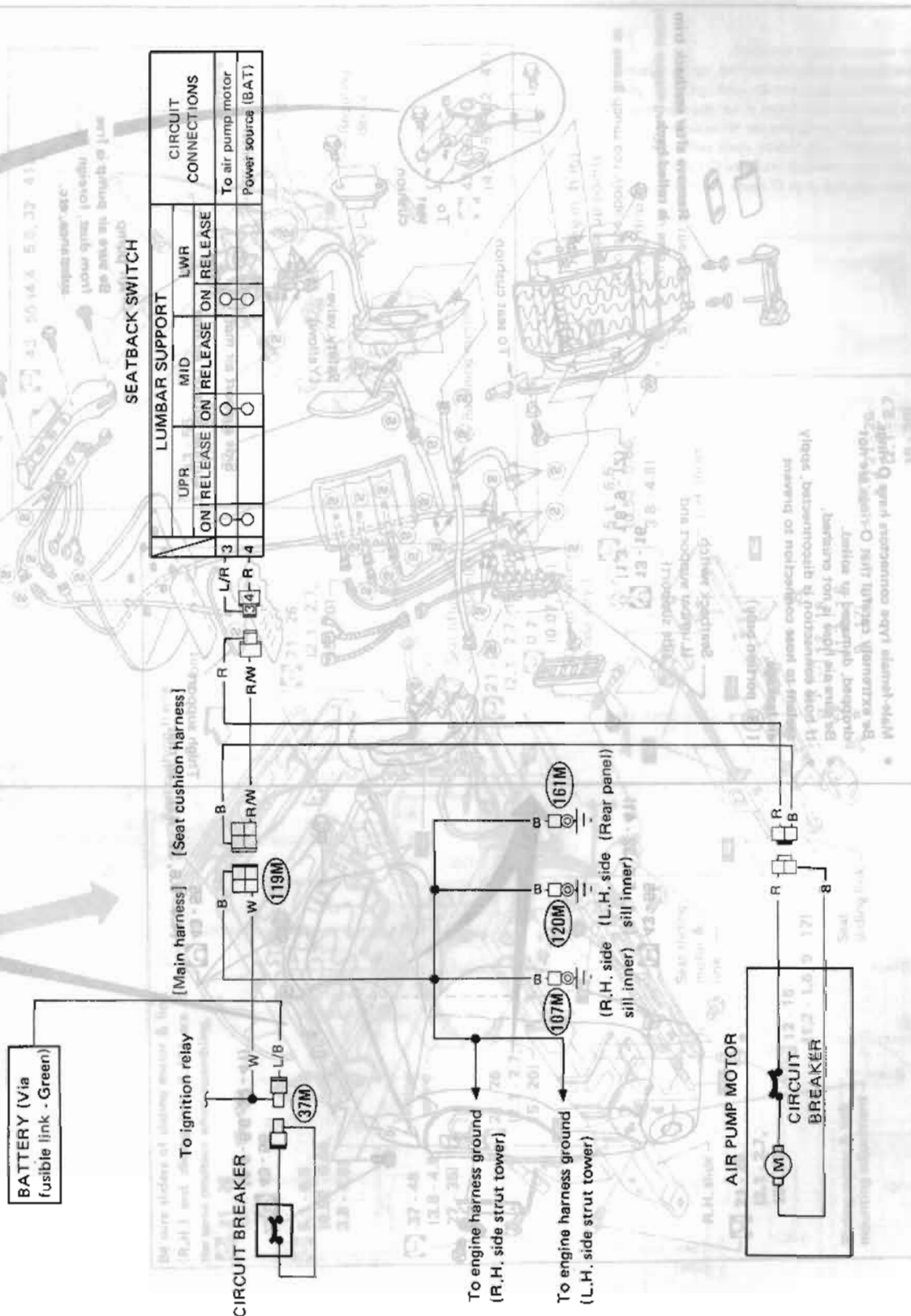




# SEAT

## Front Semi Power Driver Seat (Cont'd)

### WIRING DIAGRAM

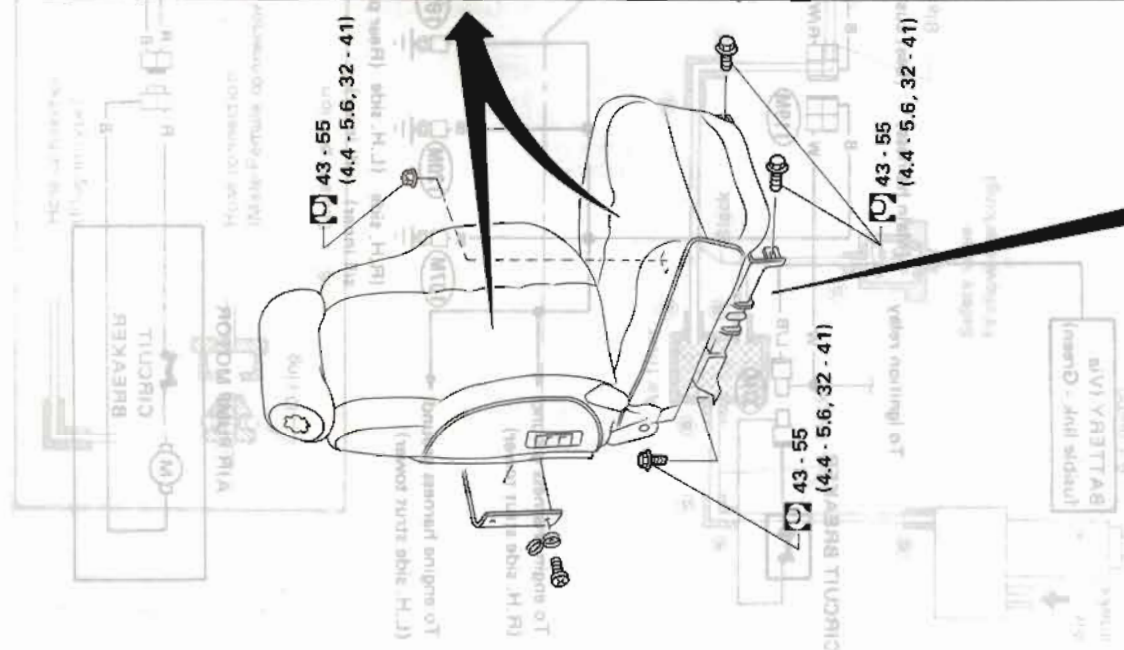
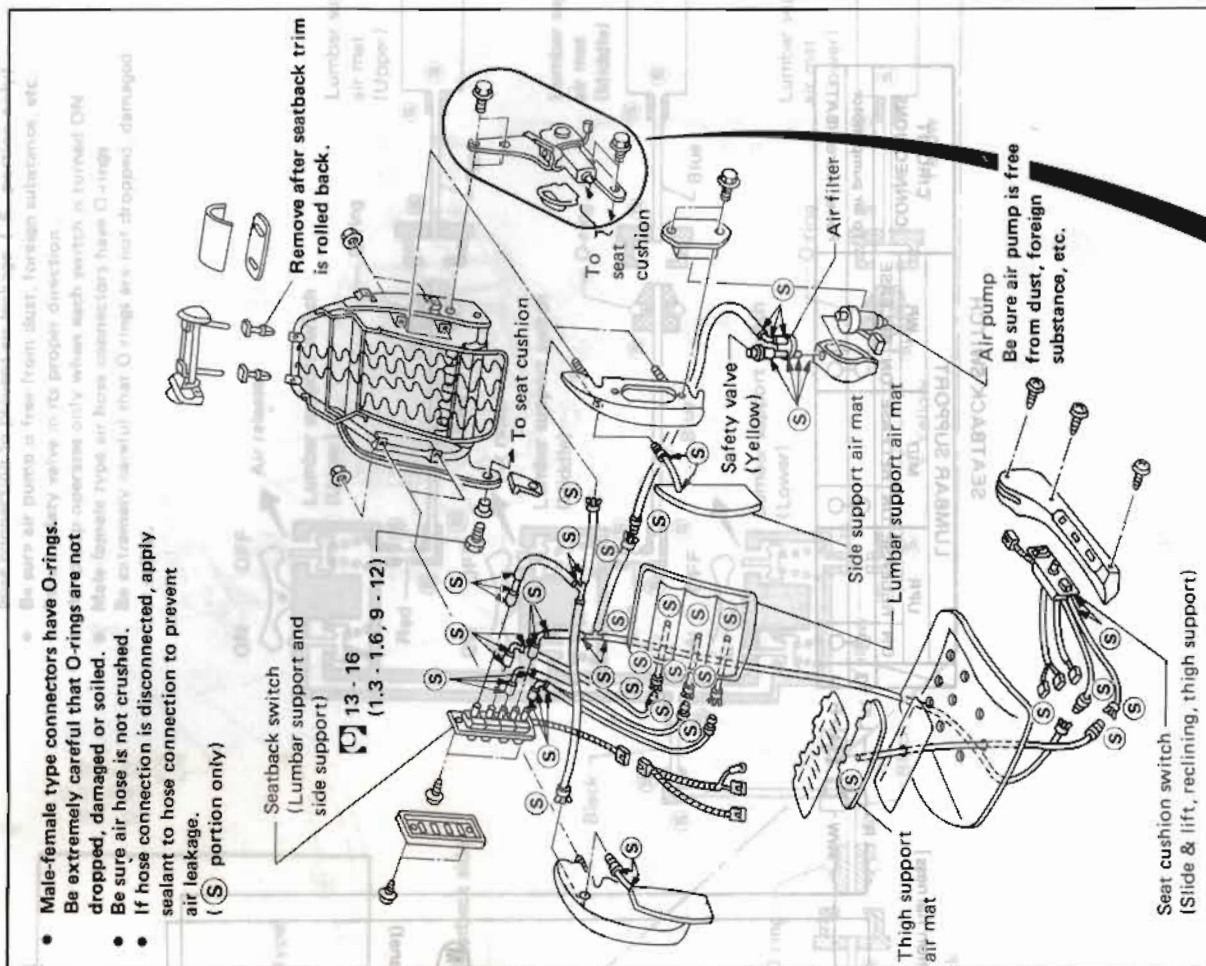


SBF537D

### Front Full Power Driver Seat

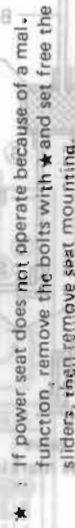
### AIR DIAGRAM

WIRING DIAGRAM





## WIRING DIAGRAM

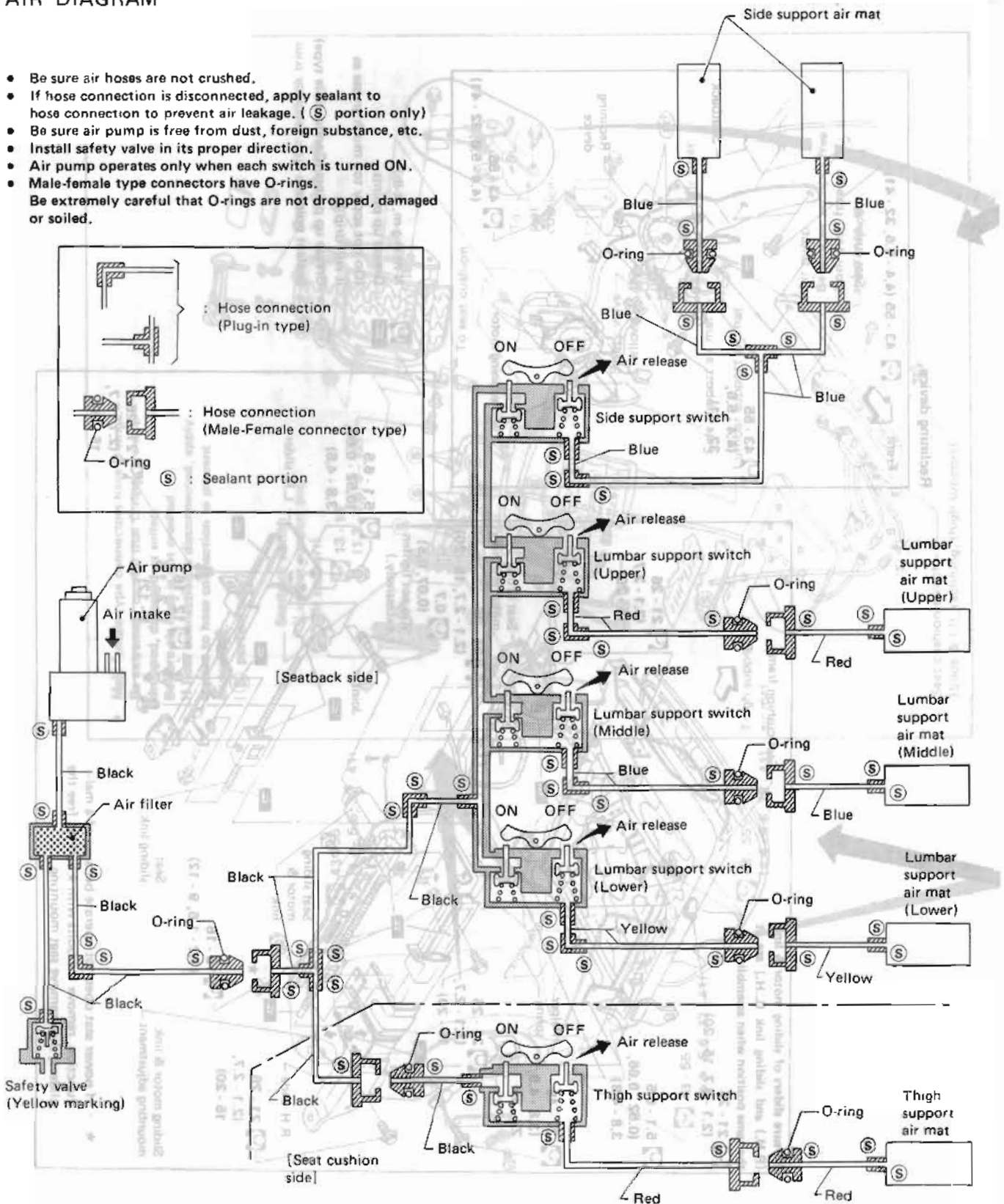


# SEAT

## Front Full Power Driver Seat (Cont'd)

### AIR DIAGRAM

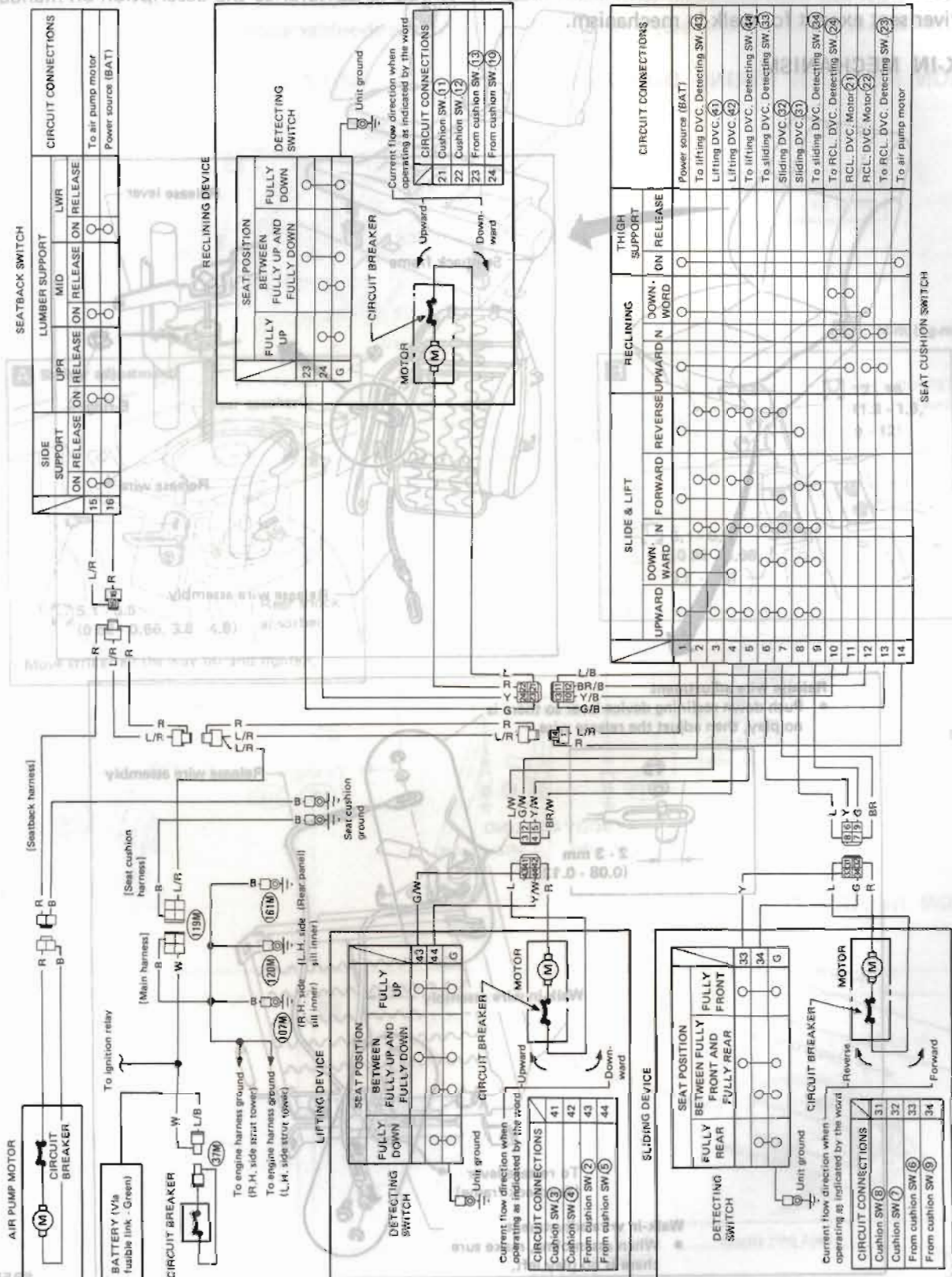
- Be sure air hoses are not crushed.
  - If hose connection is disconnected, apply sealant to hose connection to prevent air leakage. (S portion only)
  - Be sure air pump is free from dust, foreign substance, etc.
  - Install safety valve in its proper direction.
  - Air pump operates only when each switch is turned ON.
  - Male-female type connectors have O-rings.
- Be extremely careful that O-rings are not dropped, damaged or soiled.





# Front Full Power Driver Seat (Cont'd)

## WIRING DIAGRAM



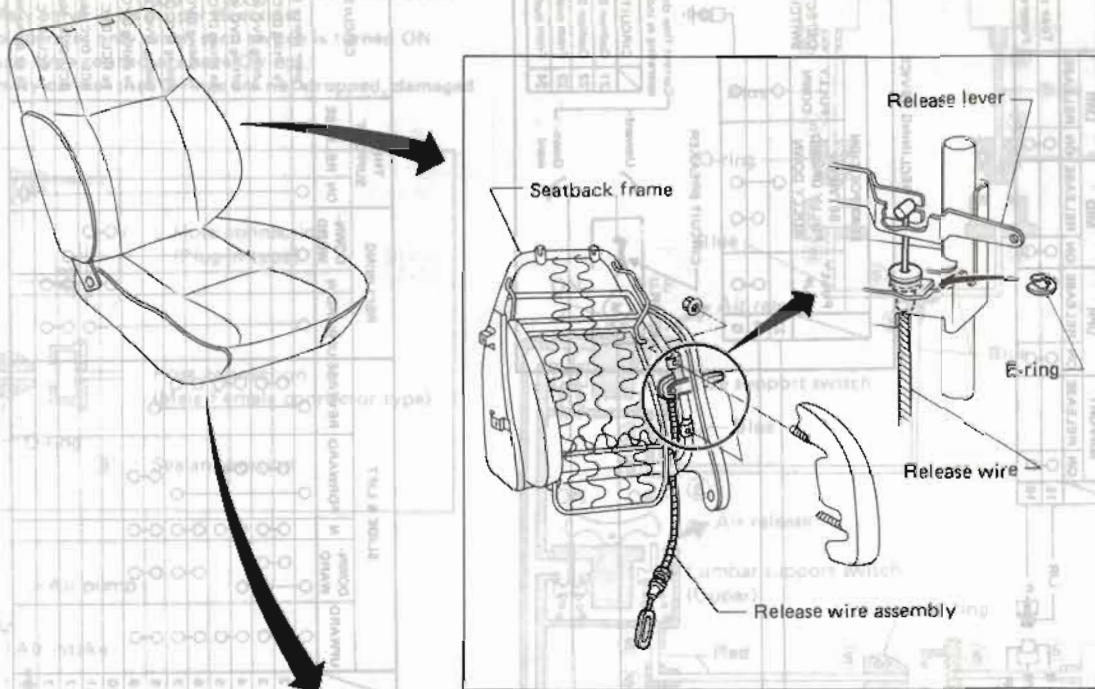
SBF538D

# SEAT

## Front Passenger Seat

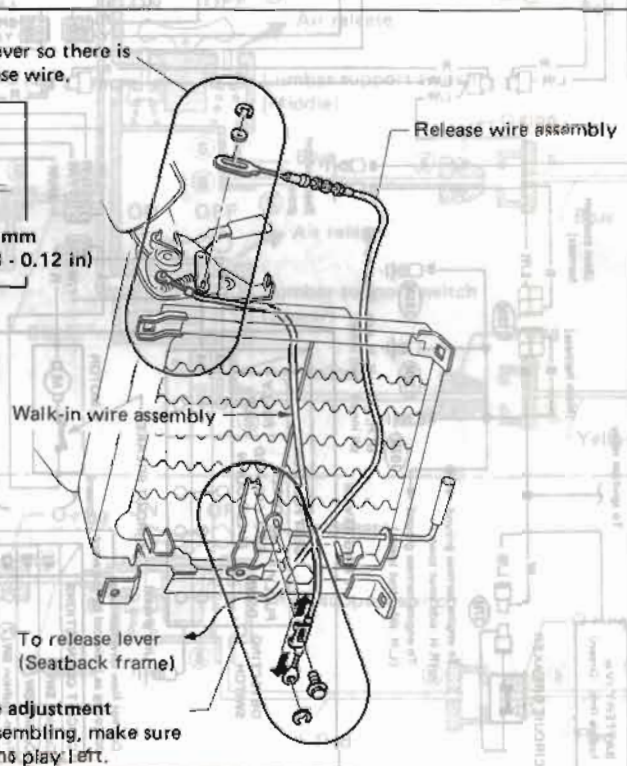
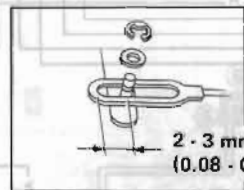
- Basically, this seat is the same as manual type front driver seat. 2 + 2 seater model differs from manual type front seat in the walk-in mechanism has been added to it. Refer to the description on manual type driver seat except for walk-in mechanism.

### WALK-IN MECHANISM



#### Release wire adjustment

- Push down reclining device lever so there is no play, then adjust the release wire.



#### Walk-in wire adjustment

- When assembling, make sure there is no play left.

88F52BC

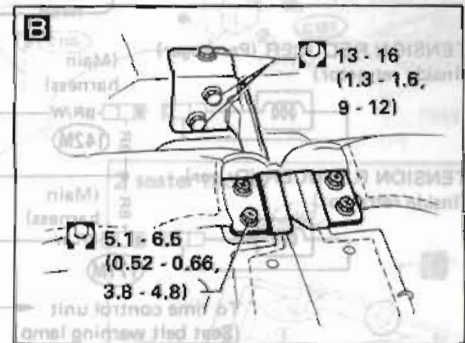
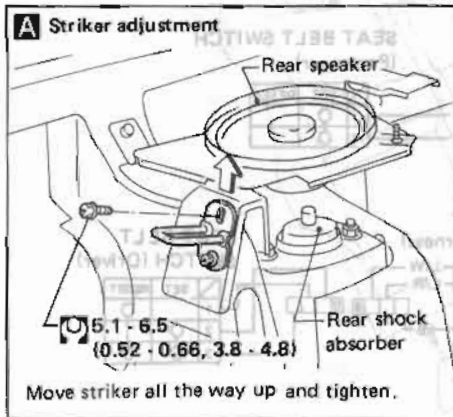
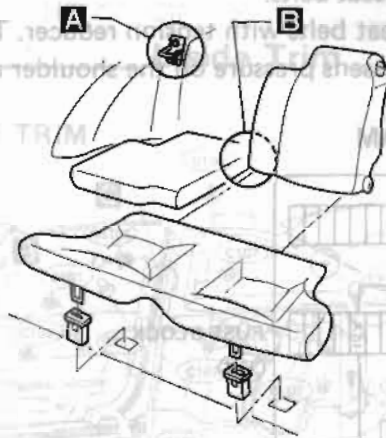


# INTERIOR SEAT

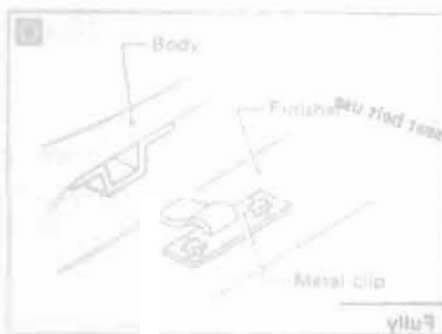
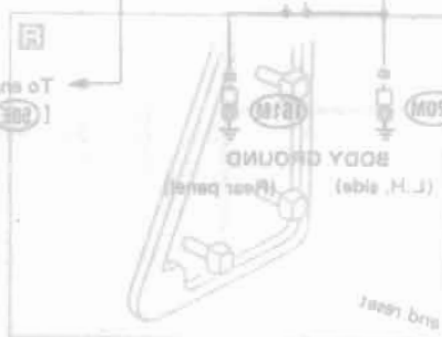
## Rear Seat

- When removing or installing the rear seat, refer to the following instructions.
- When handling the rear seat, use proper lifting techniques to avoid injury.

- Refer to MA section for installation of seat belt.
- G.L. model has been equipped with seat belt tensioner. This unit reduces the force required to pull out seat belt when it is used, and helps to prevent shoulder and hips for greater comfort.



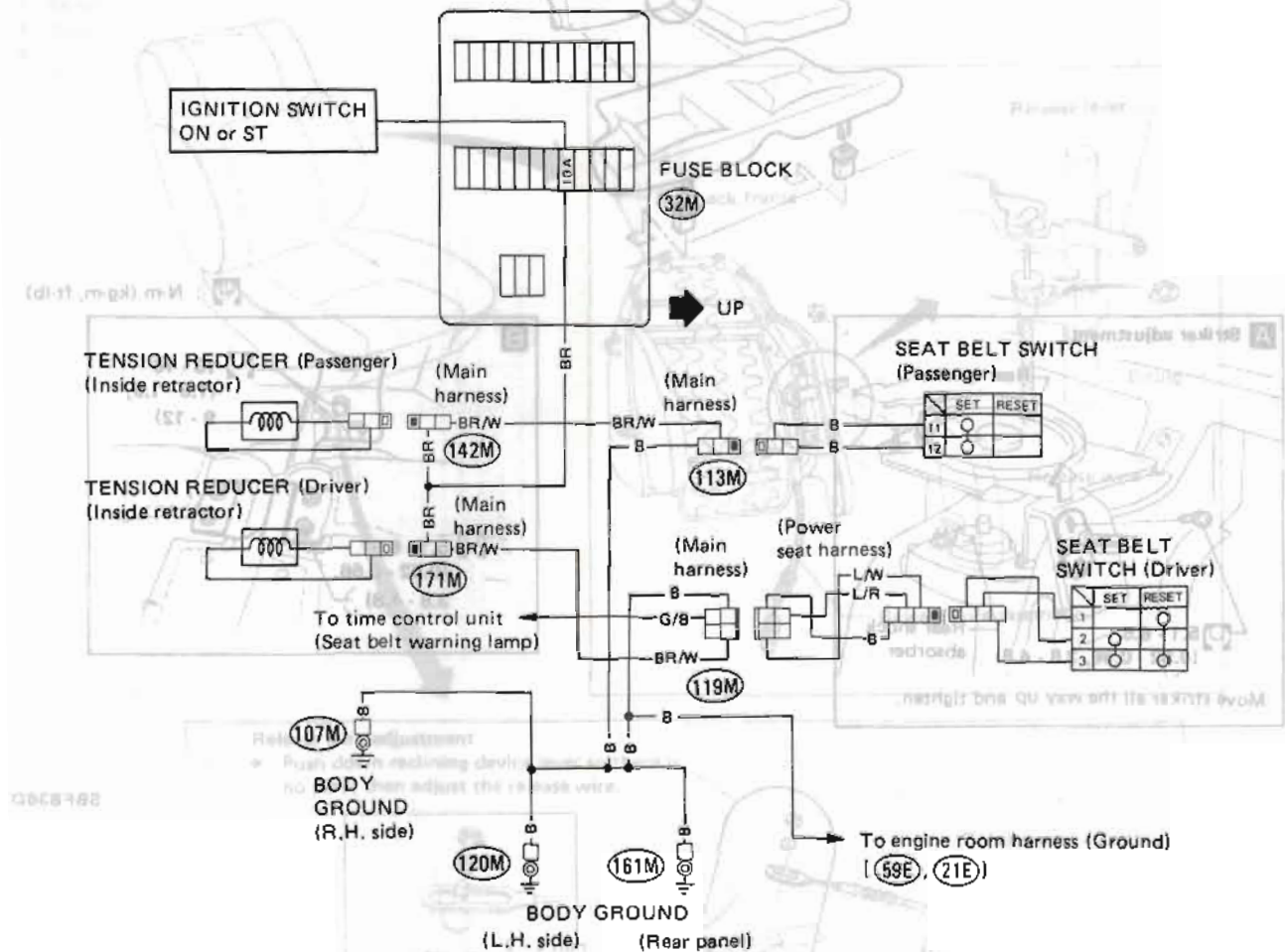
□ : N·m (kg·m, ft·lb)



# SEAT BELT

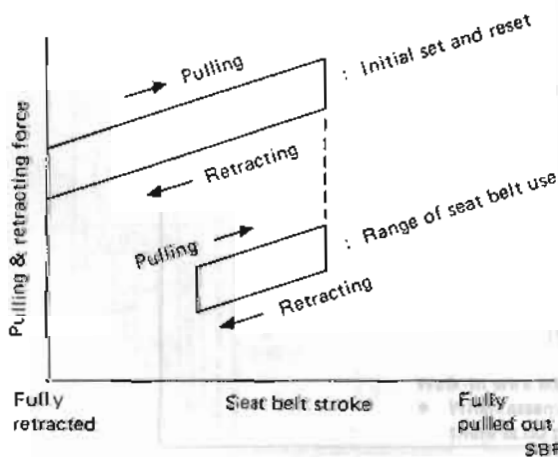
- Refer to MA section for installation of seat belts.
- GLL model has been equipped with seat belts with tension reducer. This unit reduces the force required to pull out seat belt while in use, and lessens pressure on the shoulder and hips for greater comfort.

## TENSION REDUCER WIRING DIAGRAM



S8F791D

## TENSION REDUCE OPERATION



SF1528C

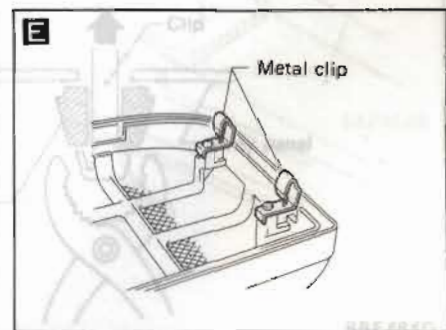
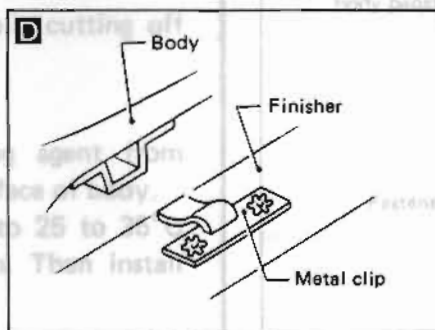
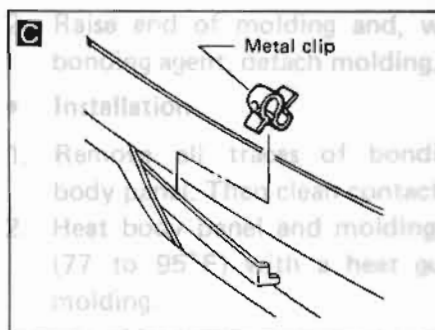
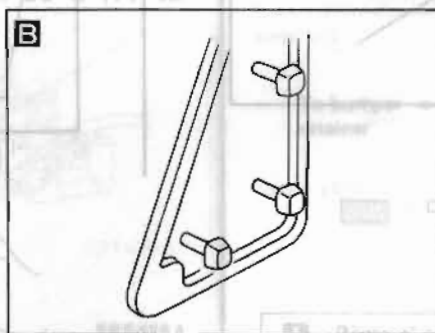
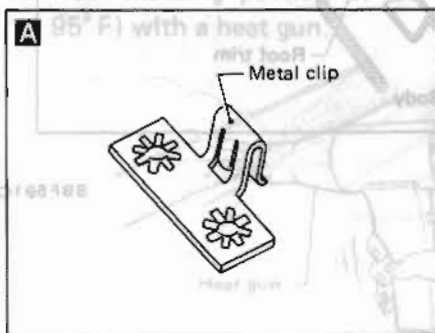
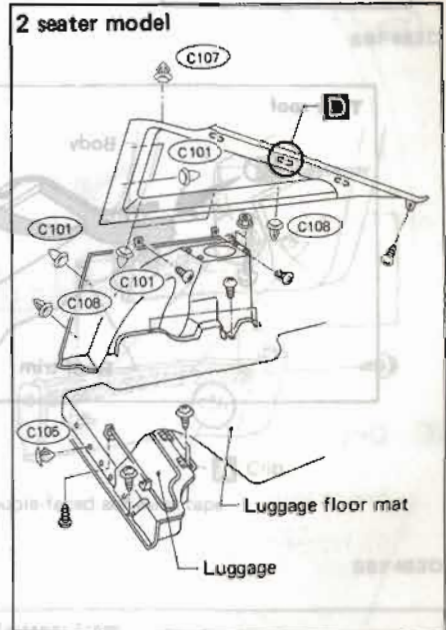
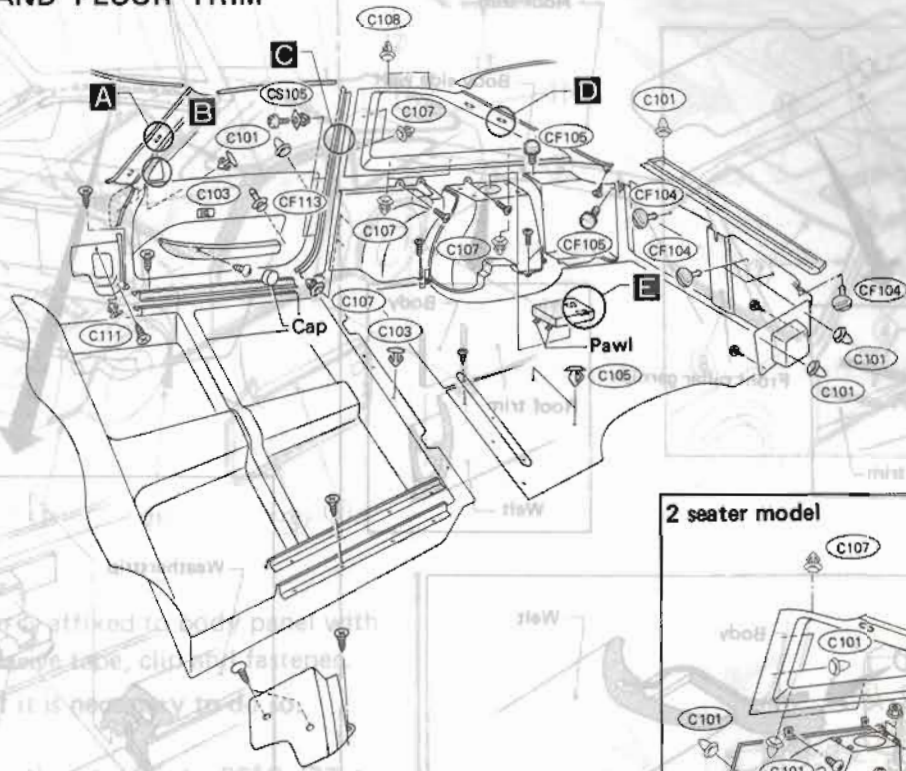


## RIOR AND EXTERIOR

- When removing clip or fastener, refer to CLIP & FASTENER.
- When handling trim or molding, do not use excessive force and take care not to damage them.
- Apply sealing compound where necessary while installing parts.

## Inside Trim

### SIDE, LUGGAGE AND FLOOR TRIM



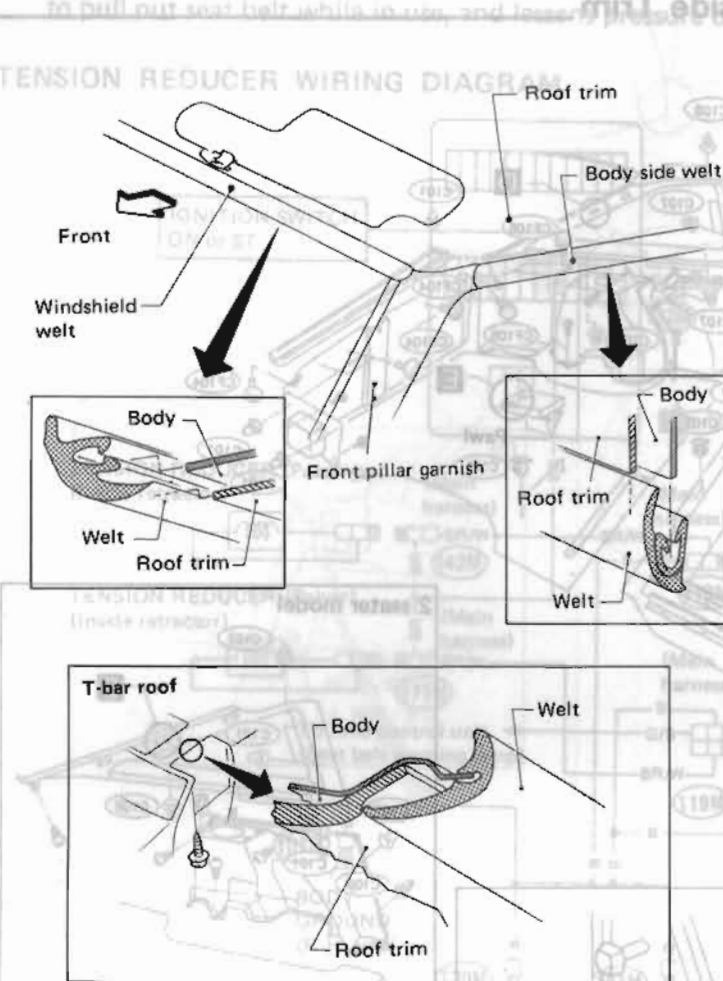
SBF837D

# INTERIOR AND EXTERIOR

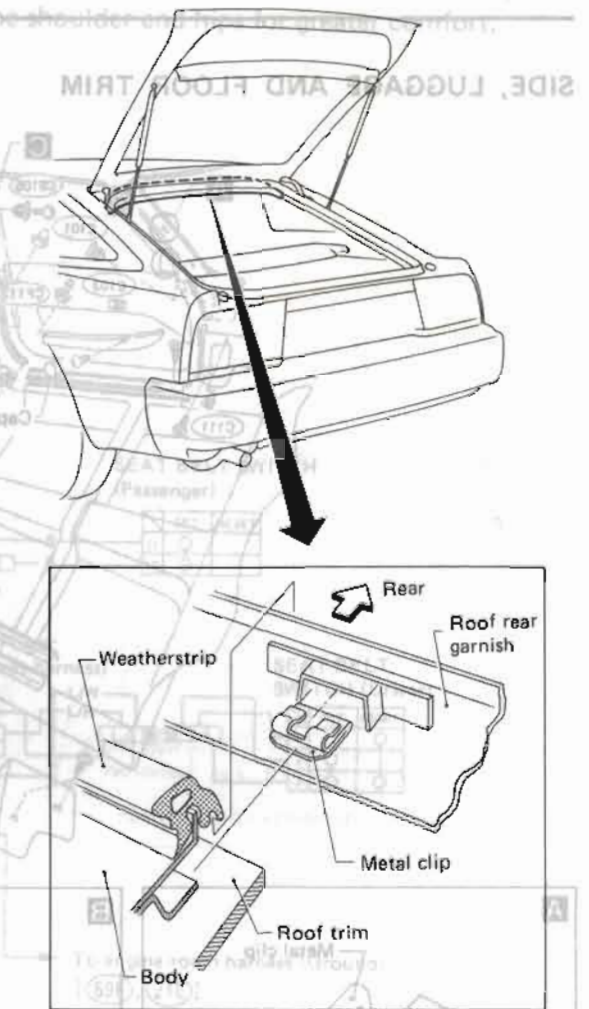
## Inside Trim (Cont'd)

### ROOF TRIM

#### Front portion



#### Rear portion



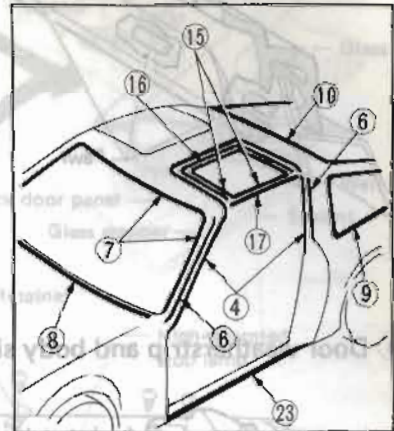
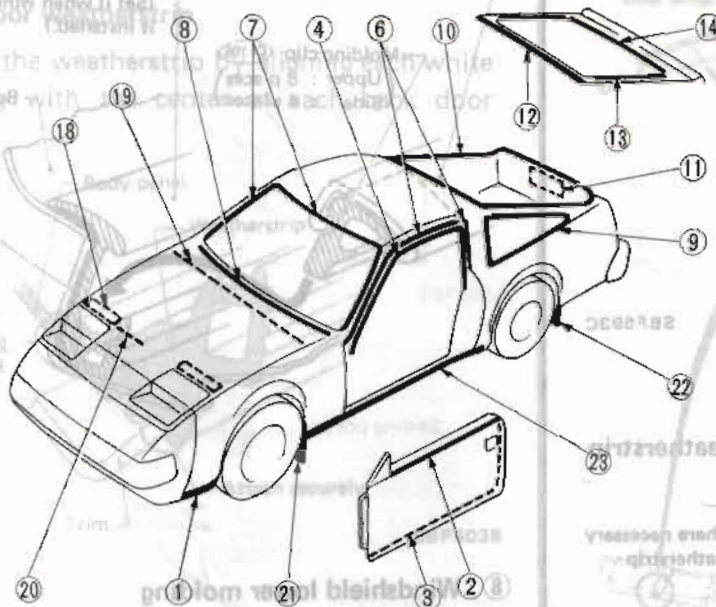
SBF591C



# INTERIOR AND EXTERIOR

## Exterior

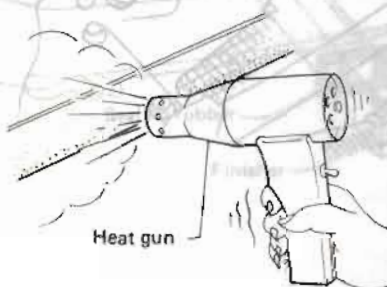
- Apply sealing compound where necessary while installing parts.
- When applying sealing compound, be careful that the sealing compound does not protrude from parts.



SBF482D

### ① Front side spoiler

- Front side spoiler is affixed to body panel with double-faced adhesive tape, clip and fastener.
  - Remove it only if it is necessary to do so.
  - Removal:
1. Heat molding portion to 25 to 35°C (77 to 95°F) with a heat gun.

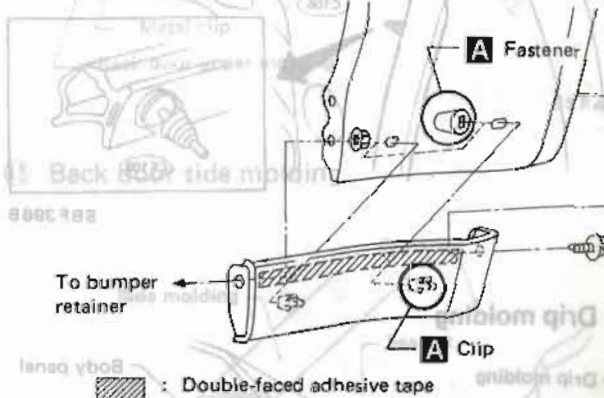


SBF455A

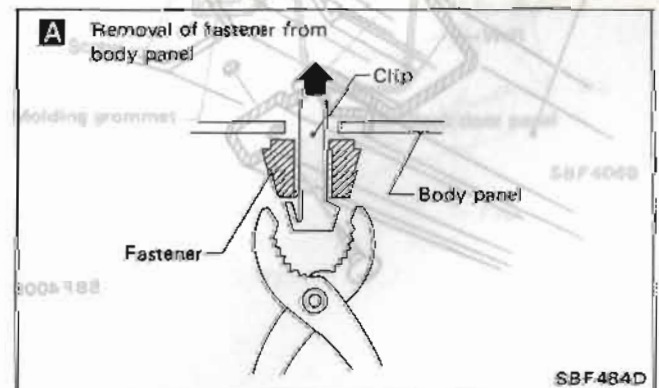
2. Raise end of molding and, while cutting off bonding agent, detach molding.

### • Installation

1. Remove all traces of bonding agent from body panel. Then clean contact face of body.
2. Heat body panel and molding to 25 to 35°C (77 to 95°F) with a heat gun. Then install molding.



SBF483D

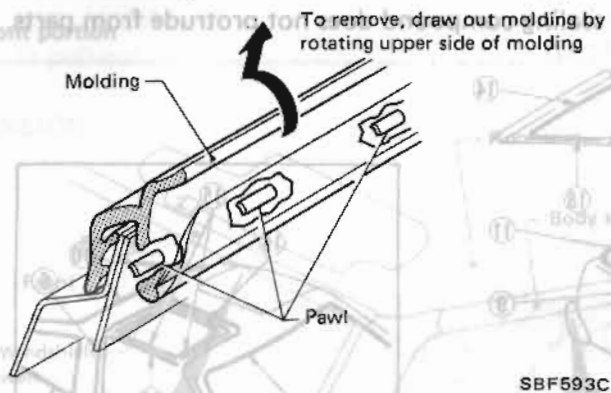


SBF484D

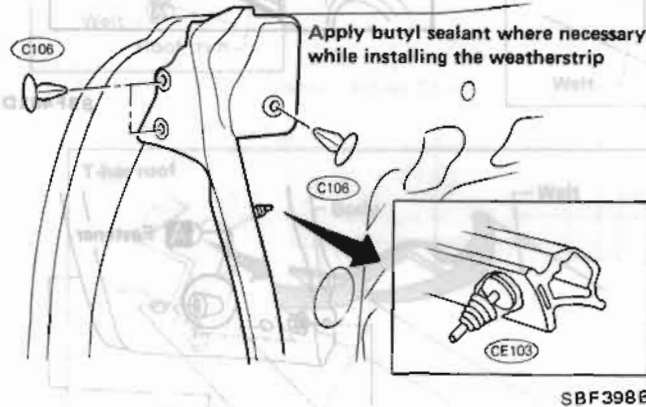
# INTERIOR AND EXTERIOR

## Exterior (Cont'd)

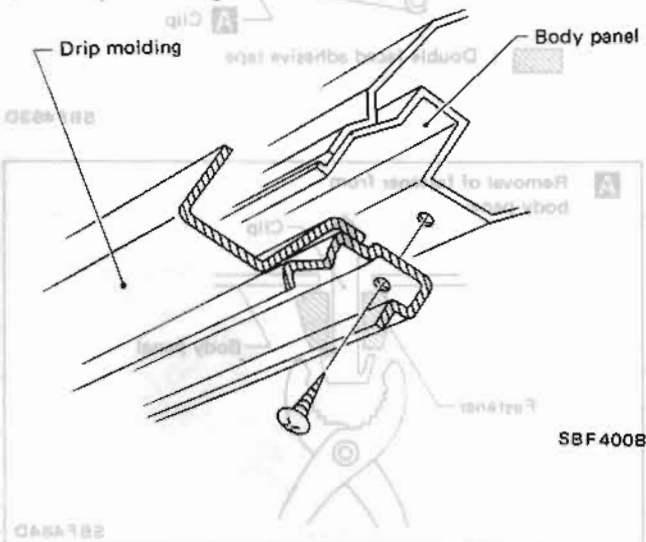
### ② Door molding



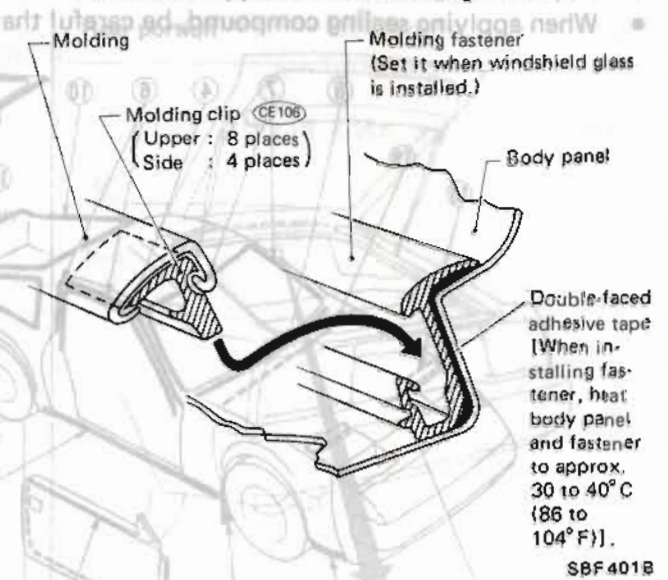
### ③, ④ Door weatherstrip and body side weatherstrip



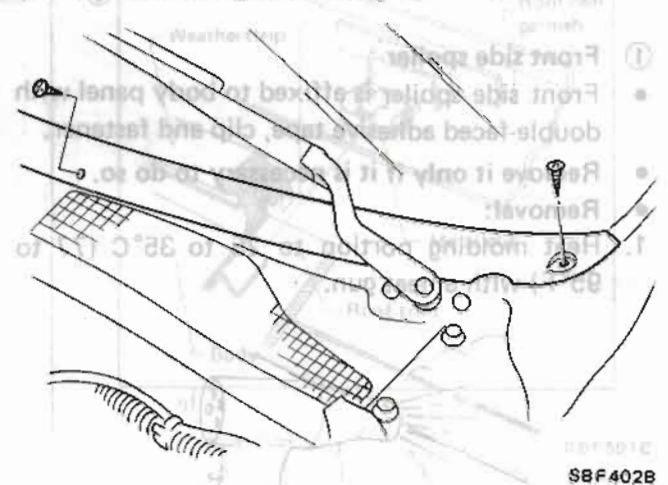
### ⑥ Drip molding



### ⑦ Windshield upper & side molding



### ⑧ Windshield lower molding





# INTERIOR AND EXTERIOR

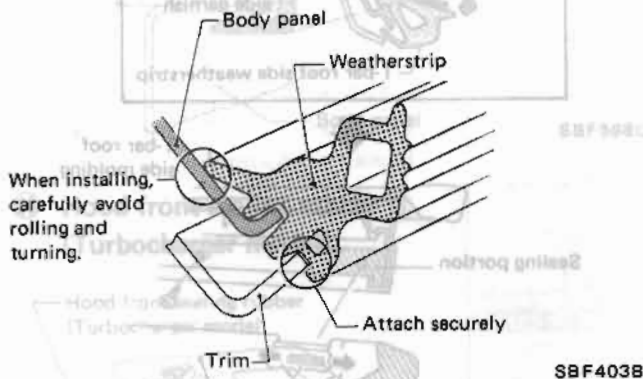
## Exterior (Cont'd)

### ⑨ Side window molding

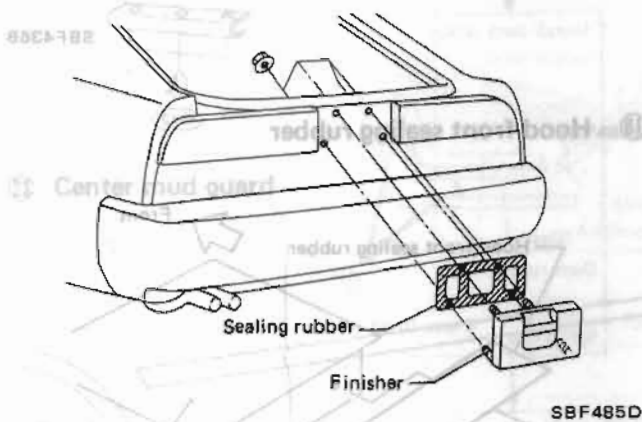
Refer to Side Window.

### ⑩ Back door weatherstrip

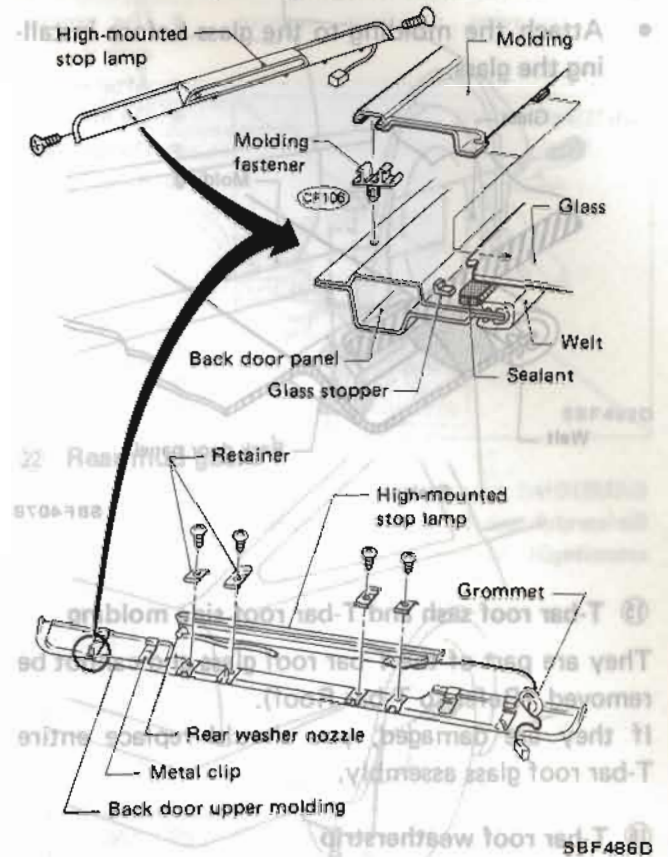
- Attach the weatherstrip by aligning each white marking with the center of each back door hinge.



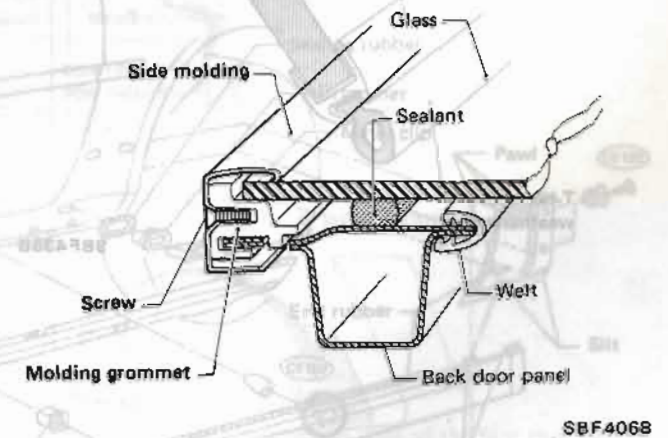
### ⑪ Rear panel outer finisher and back up lamp



### ⑫ Back door upper molding



### ⑬ Back door side molding

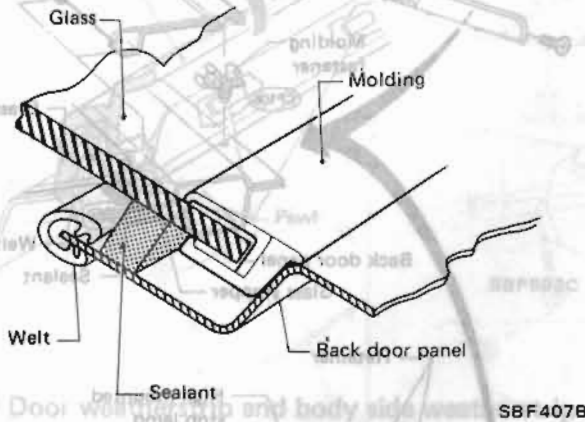


# INTERIOR AND EXTERIOR

## Exterior (Cont'd)

### ⑭ Back door lower molding

- Attach the molding to the glass before installing the glass.

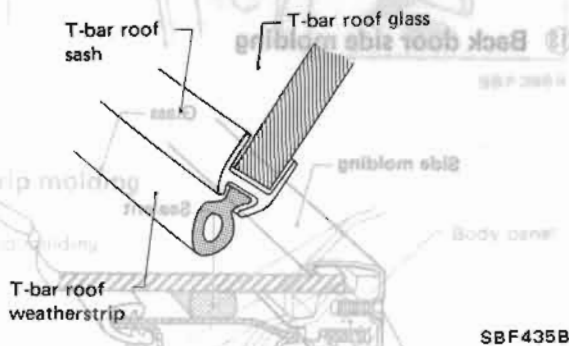


### ⑮ T-bar roof sash and T-bar roof side molding

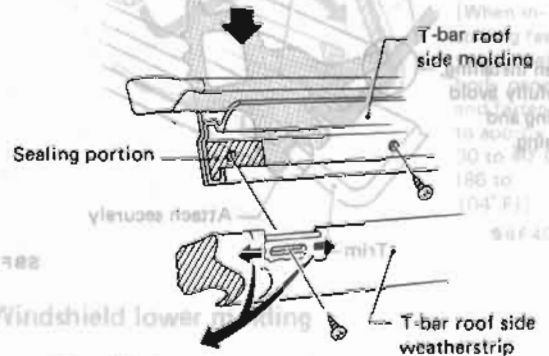
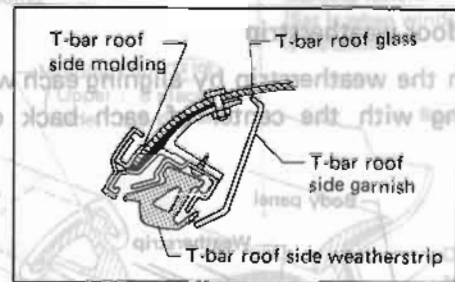
They are part of the T-bar roof glass and cannot be removed. (Refer to T-bar Roof).

If they are damaged, you should replace entire T-bar roof glass assembly.

### ⑯ T-bar roof weatherstrip

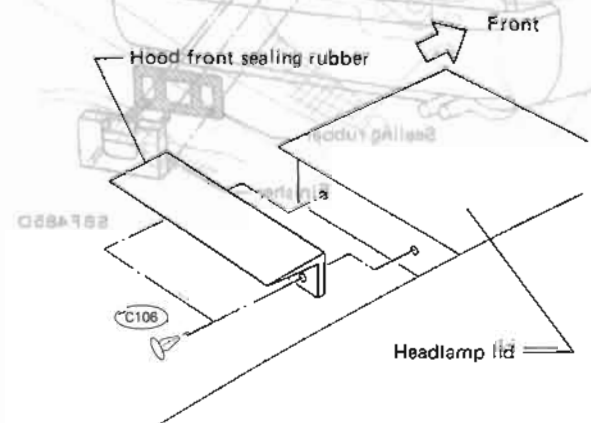


### ⑰ T-bar roof side weatherstrip



Always adjust if it is not sufficiently watertight.

### ⑱ Hood front sealing rubber

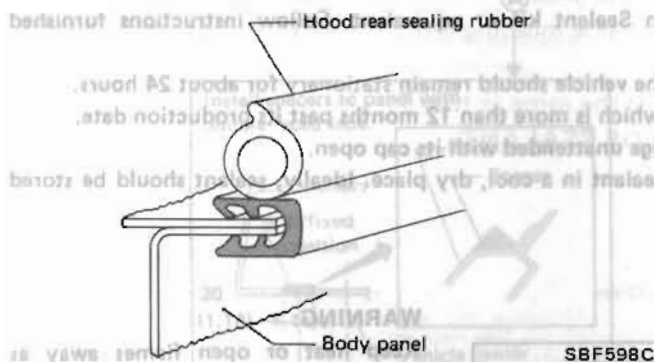




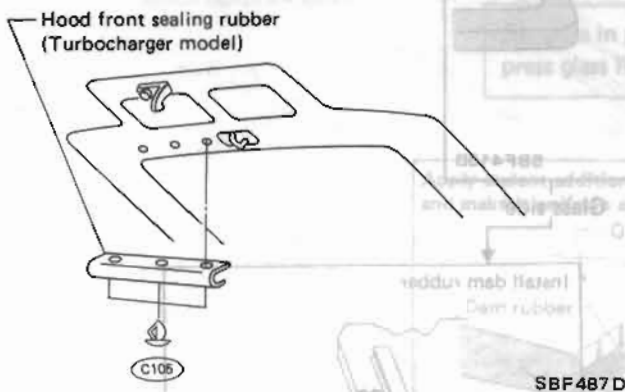
# INTERIOR AND EXTERIOR

## Exterior (Cont'd)

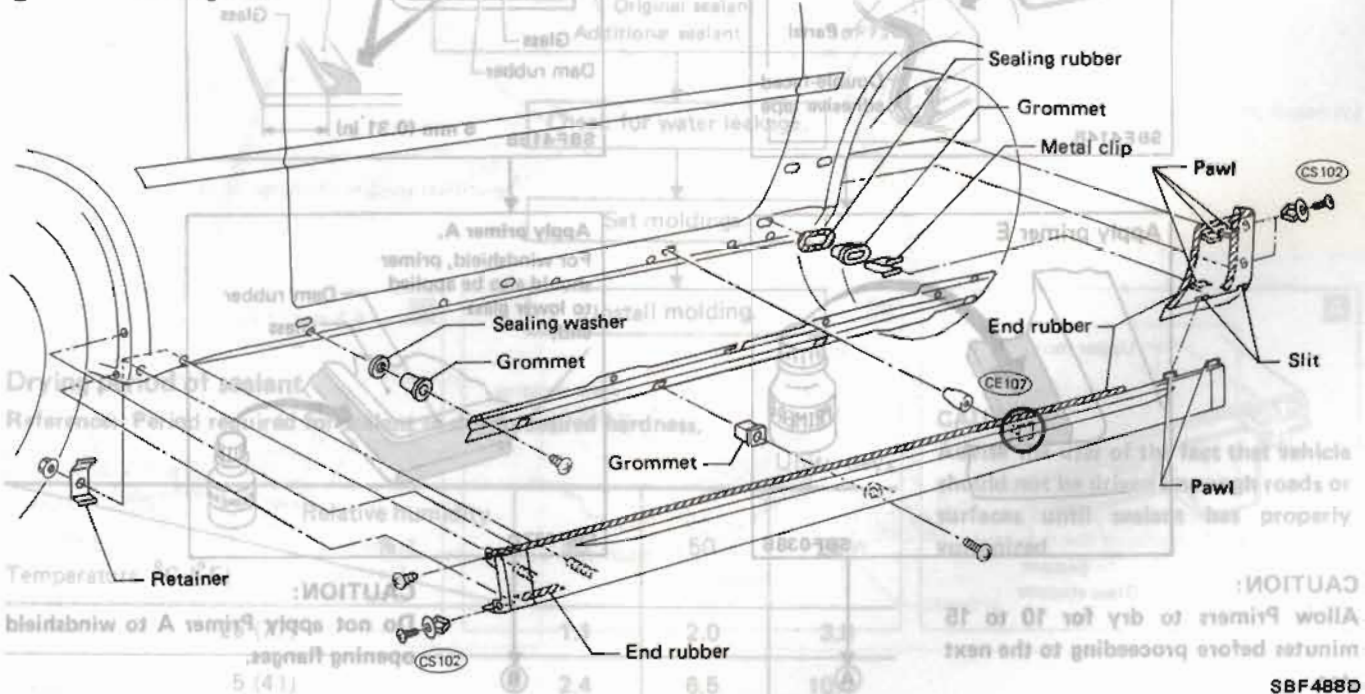
### 19 Hood rear sealing rubber



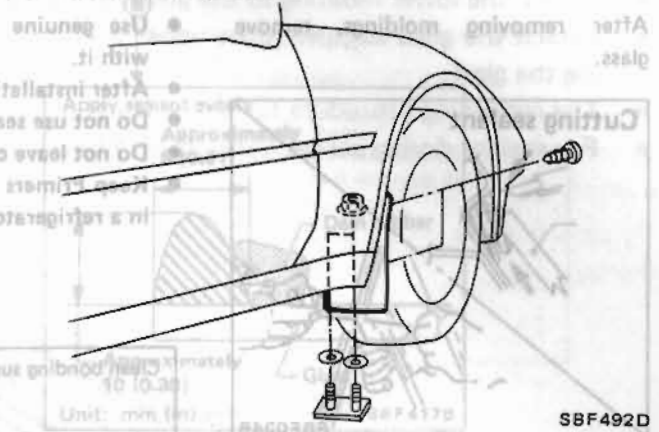
### 20 Hood front sealing rubber II (Turbocharger model)



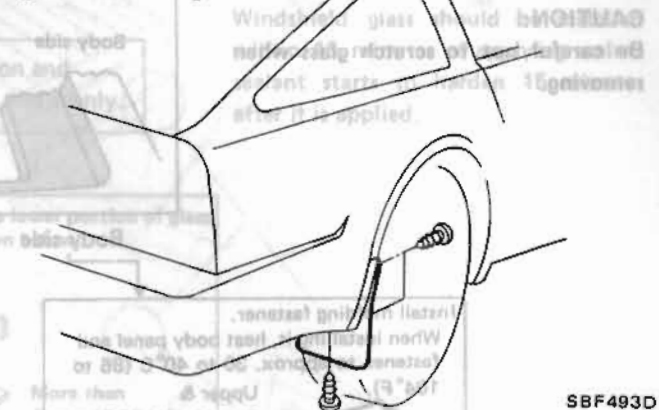
### 23 Center mud guard



### 21 Front mud guard



### 22 Rear mud guard

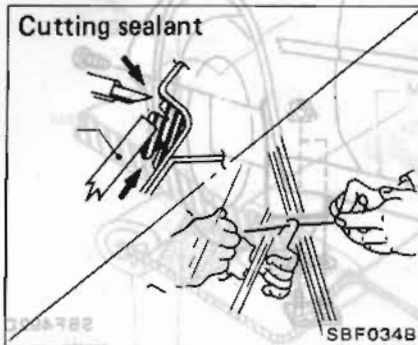


# WINDSHIELD AND WINDOWS

## Windshield

### REMOVAL

After removing moldings, remove glass.



#### CAUTION:

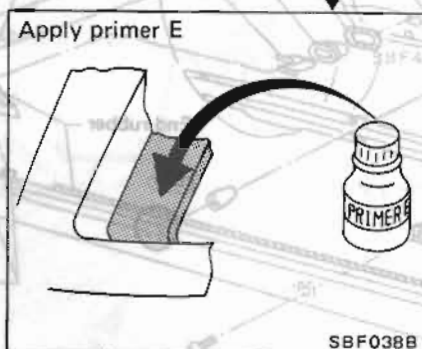
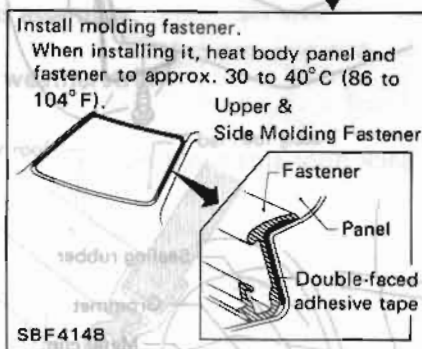
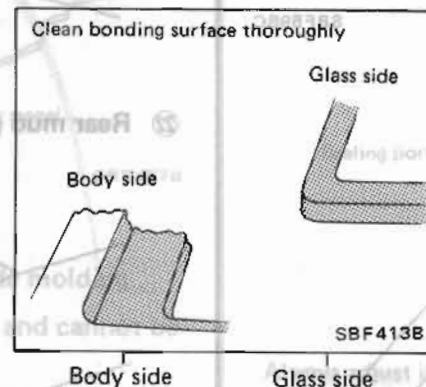
Be careful not to scratch glass when removing.

### INSTALLATION

- Use genuine Nissan Sealant kit or equivalent. Follow instructions furnished with it.
- After installation, the vehicle should remain stationary for about 24 hours.
- Do not use sealant which is more than 12 months past its production date.
- Do not leave cartridge unattended with its cap open.
- Keep Primers and sealant in a cool, dry place. Ideally, sealant should be stored in a refrigerator.

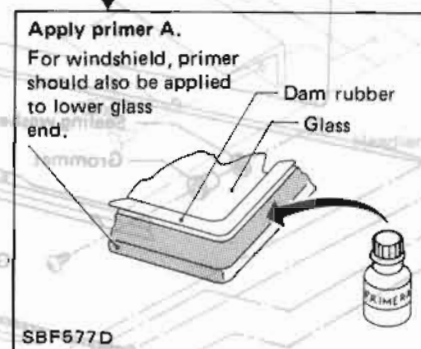
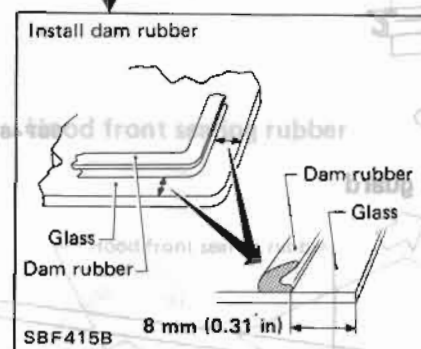
#### WARNING:

Keep heat or open flames away as Primers are flammable.



#### CAUTION:

Allow Primers to dry for 10 to 15 minutes before proceeding to the next step.



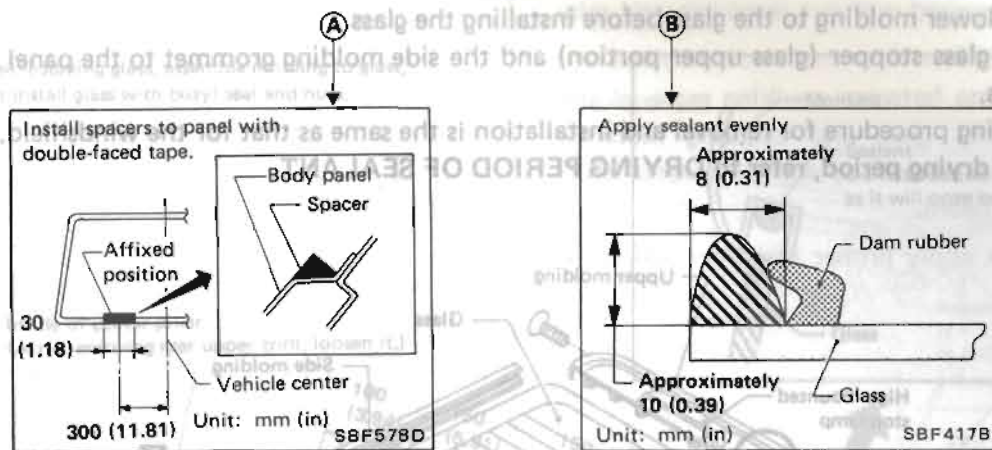
#### CAUTION:

Do not apply Primer A to windshield opening flanges.



# WINDSHIELD AND WINDOWS

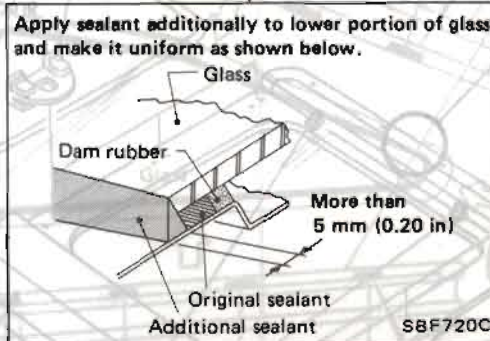
## Windshield (Cont'd)



Set glass in position and press glass lightly and evenly.

### CAUTION:

Windshield glass should be installed within 15 minutes of applying sealant; sealant starts to harden 15 minutes after it is applied.



Check for water leakage.

Set moldings.

Install molding.

### Drying period of sealant

Reference: Period required for sealant to dry to desired hardness.

| Temperature °C (°F) | Relative humidity % |     |      | Unit: days |
|---------------------|---------------------|-----|------|------------|
|                     | 90                  | 50  | 25   |            |
| 25 (77)             | 1.1                 | 2.0 | 3.8  |            |
| 5 (41)              | 2.4                 | 6.5 | 10.4 |            |

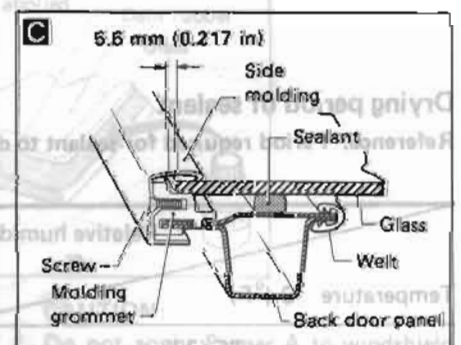
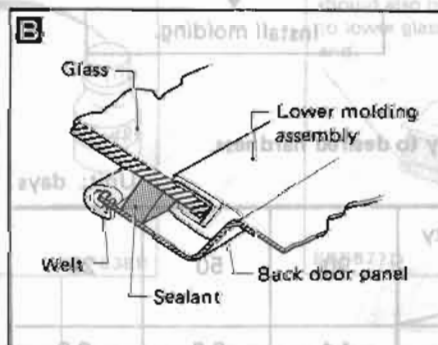
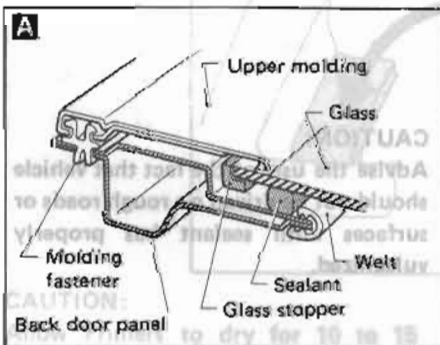
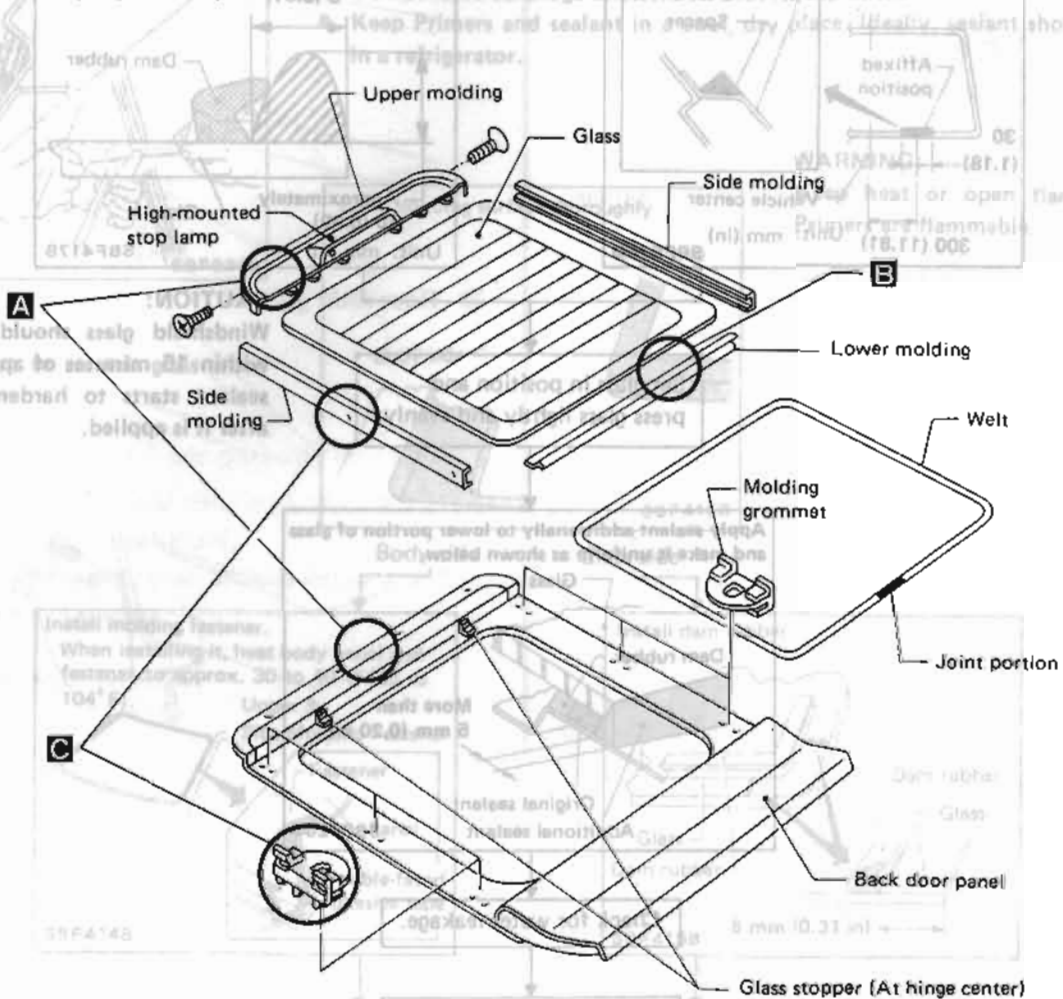
### CAUTION:

Advise the user of the fact that vehicle should not be driven on rough roads or surfaces until sealant has properly vulcanized.

# WINDSHIELD AND WINDOWS

## Back Door Window

- Attach the lower molding to the glass before installing the glass.
- Attach the glass stopper (glass upper portion) and the side molding grommet to the panel before installing the glass.
- The remaining procedure for removal and installation is the same as that for the windshield.
- For sealant drying period, refer to DRYING PERIOD OF SEALANT.



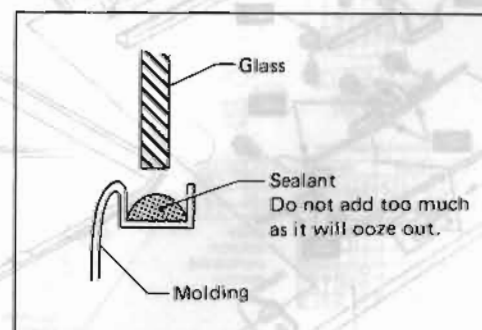
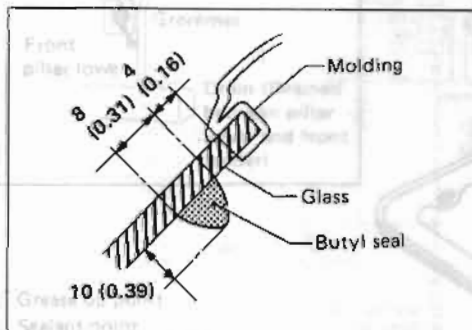
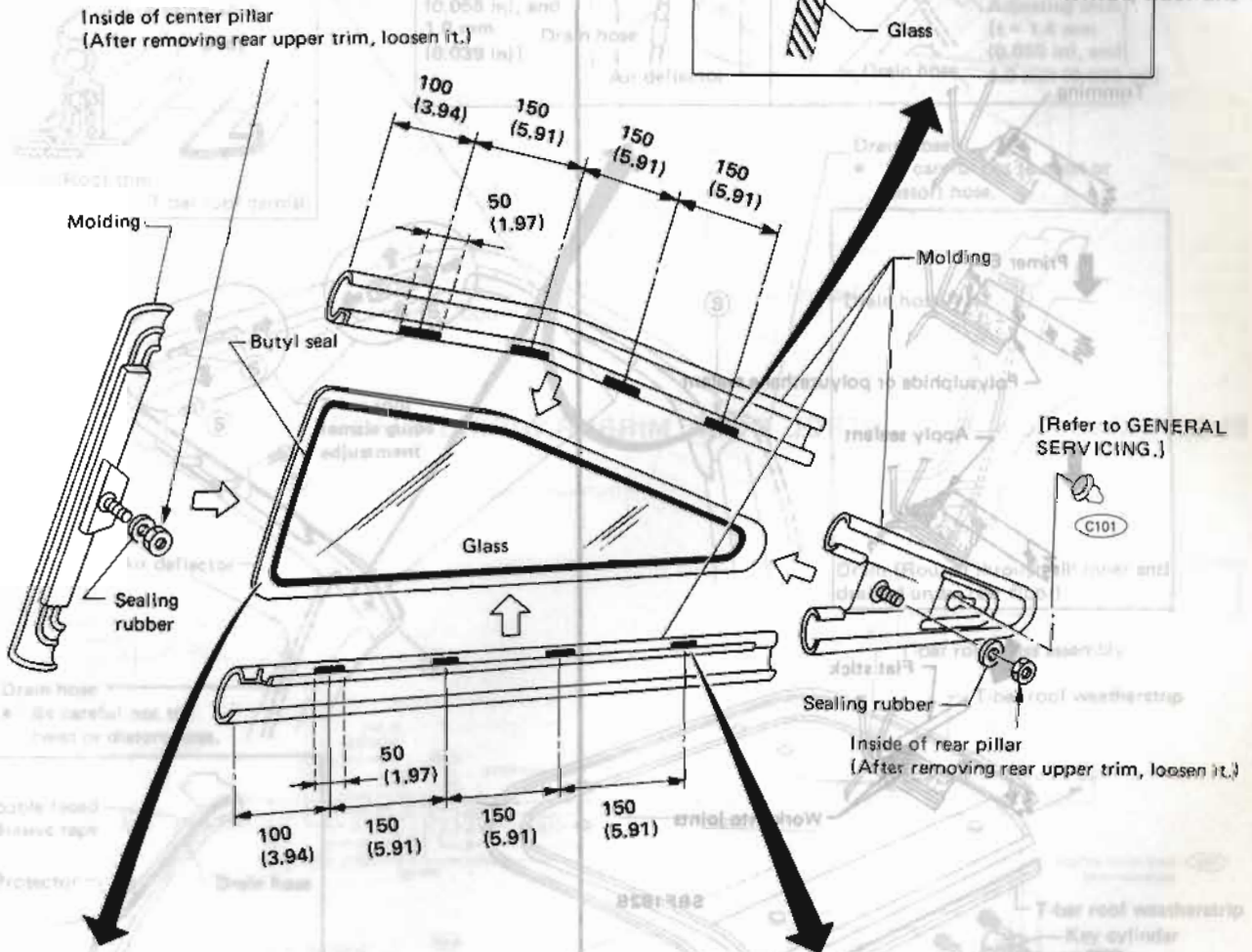
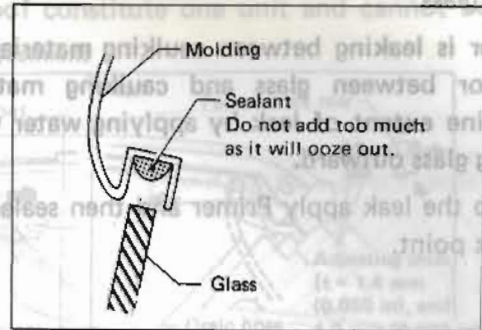
SBF489D



# WINDSHIELD AND WINDOWS

## Side Window

- Handle T-bar roof glass with care so not to damage it.
- Apply sealant to portions susceptible to water leakage.
- When installing glass, assemble molding to glass, then install glass with butyl seal and nuts.



Unit: mm (in)

SBF490D

## Repairing Leaks

To stop the leak apply Primer and then sealant to the leak point.

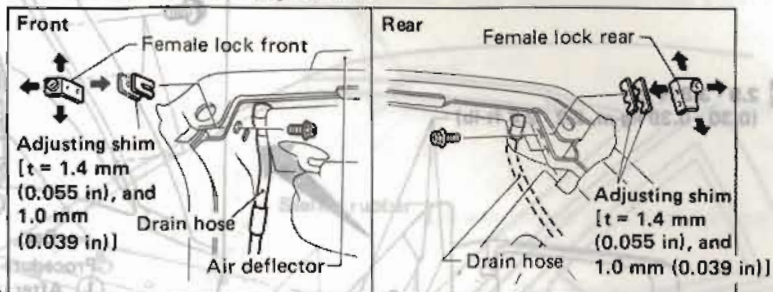




# T-BAR ROOF

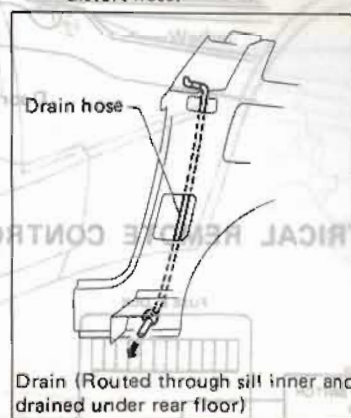
- Handle T-bar roof glass with care so not to damage it.
- Apply sealant to portions susceptible to water leakage if necessary.
- Side molding, sash, lock basement and glass of T-bar roof constitute one unit and cannot be disassembled.

## T-bar roof female lock adjustment



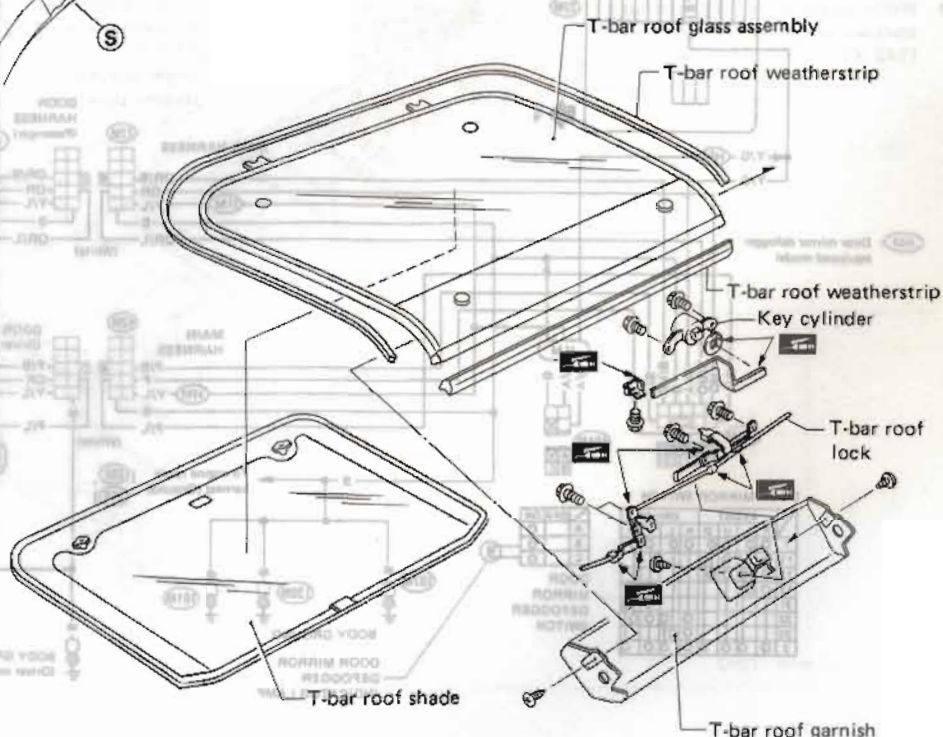
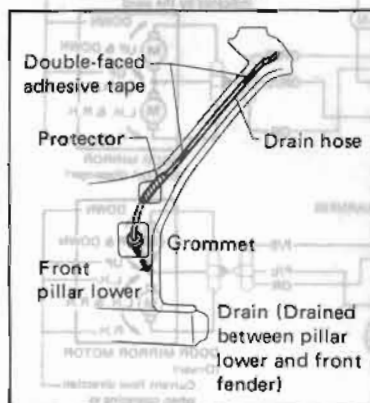
Drain hose

- Be careful not to twist or distort hose.



Drain hose

- Be careful not to twist or distort hose.



☞ : Grease up point  
 (S) : Sealant point

SBF601C

## Door Mirror

**Initial setting**

2.9 - 3.8 N·m  
(0.30 - 0.39 kg-m, 2.2 - 2.8 ft-lb)

Door corner finisher

Hook

Bar

Temporarily-installed link

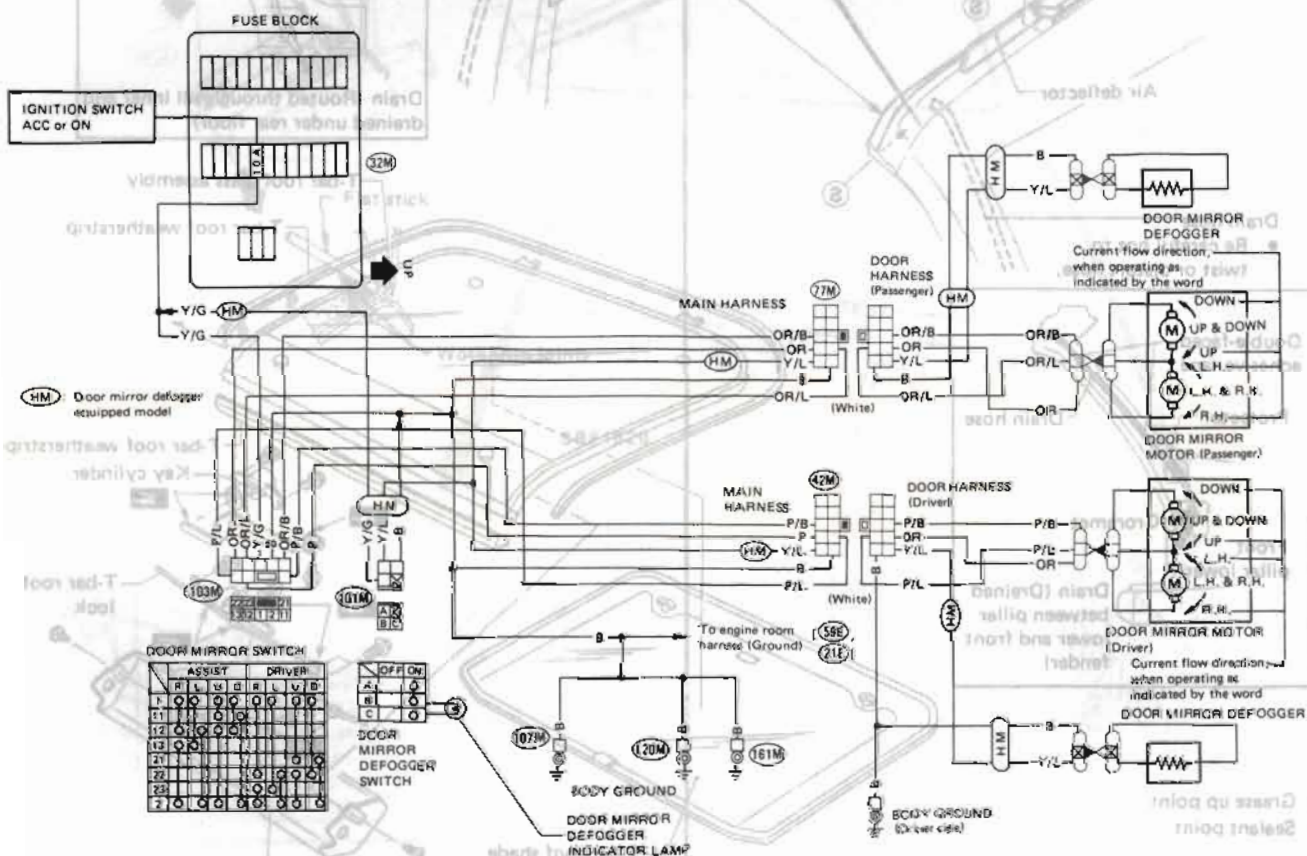
**Procedure**

- ① After installing mirror base to door, remove portion (A) of temporarily-installed link.
- ② Hook the bar with the hook and make sure it is hooked securely.
- ③ Tilt mirror body backward and while holding mirror, remove temporarily-installed link.

**CAUTION:**  
Never remove temporarily-installed link from mirror body, before hooking the bar with the hook.

SBF434B

## ELECTRICAL REMOTE CONTROL DOOR MIRROR/WIRING DIAGRAM

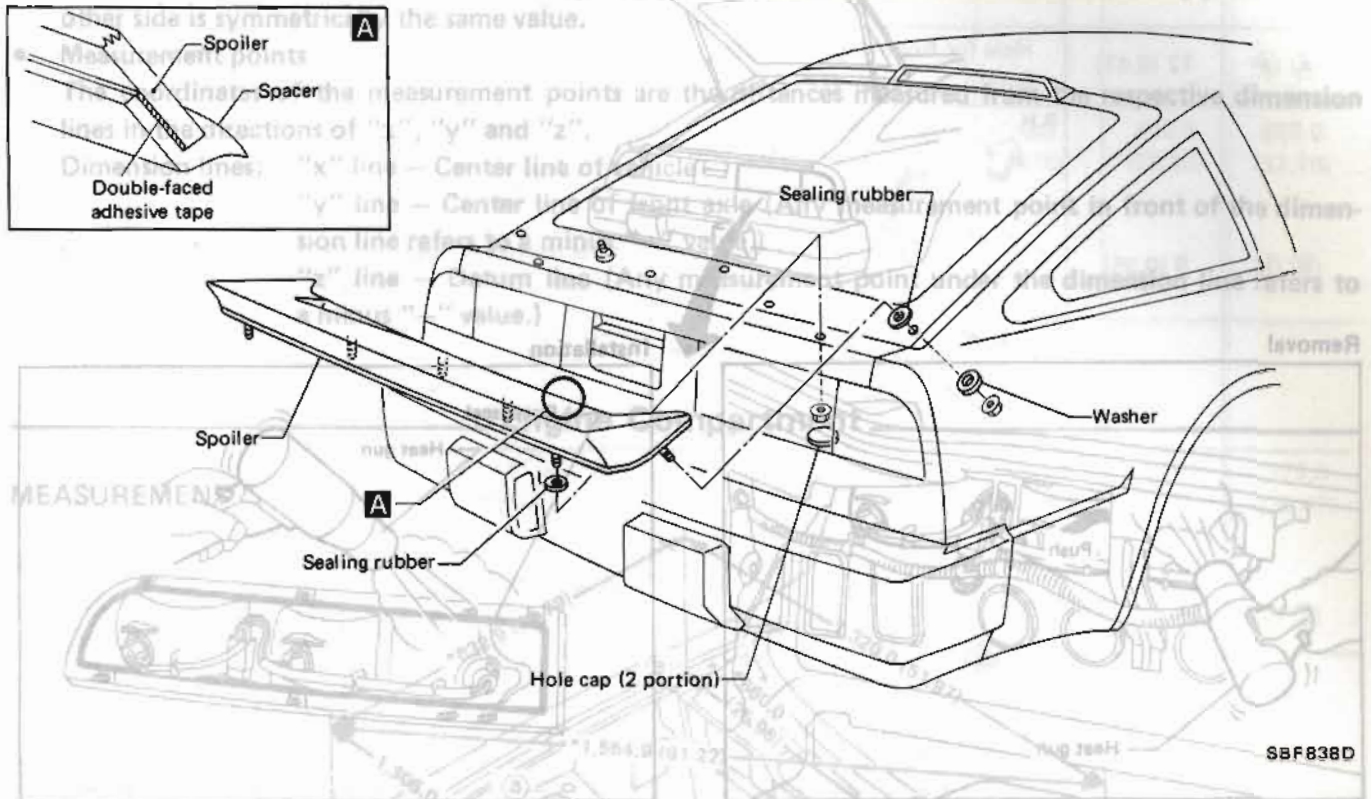


SBF792D



# REAR AIR SPOILER

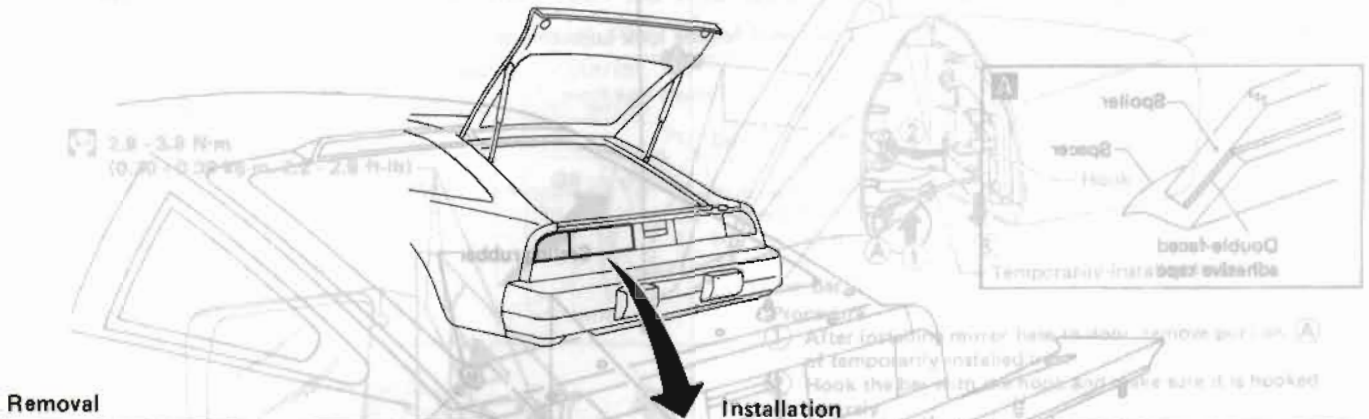
- When installing, make sure that there are no gaps or waves at ends of air spoiler.
- Measurements should be taken at the center of the mounting holes.
- An asterisk (\*) following the value at the measuring point indicates that the measuring point indicates the value at the center of the mounting holes.



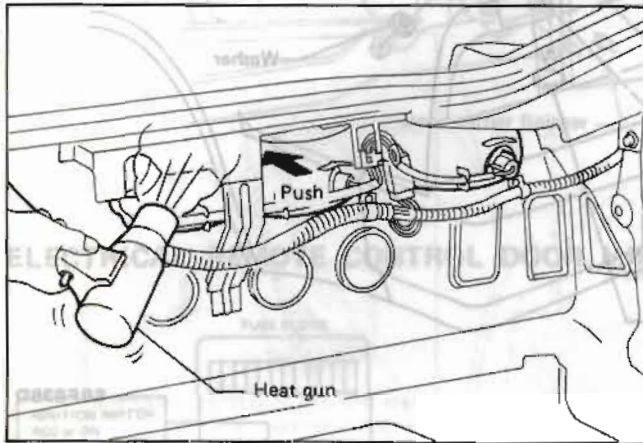
# REAR COMBINATION LAMP

## Removal and Installation

- Rear combination lamps are installed with nuts and butyl sealant.

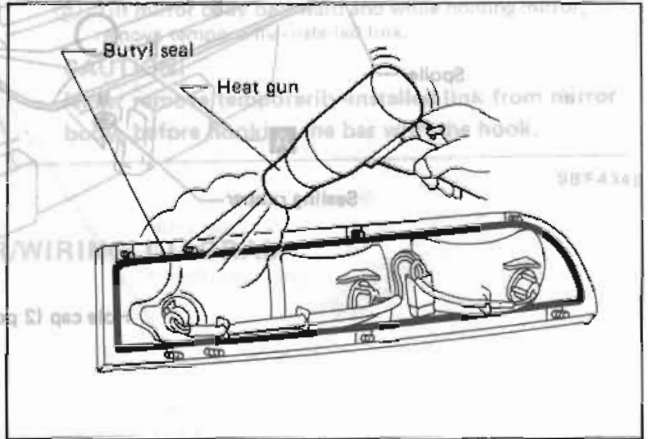


### Removal



- Warm up lamp assembly area to a temperature of a little below 60°C (140°F).

### Installation



- Warm up lamp assembly area to a temperature of a little below 60°C (140°F).
- Apply butyl seal evenly as it tends to become thin in the corners.

SBF491D

SBF793D



# 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 directions of "x", "y" and "z".

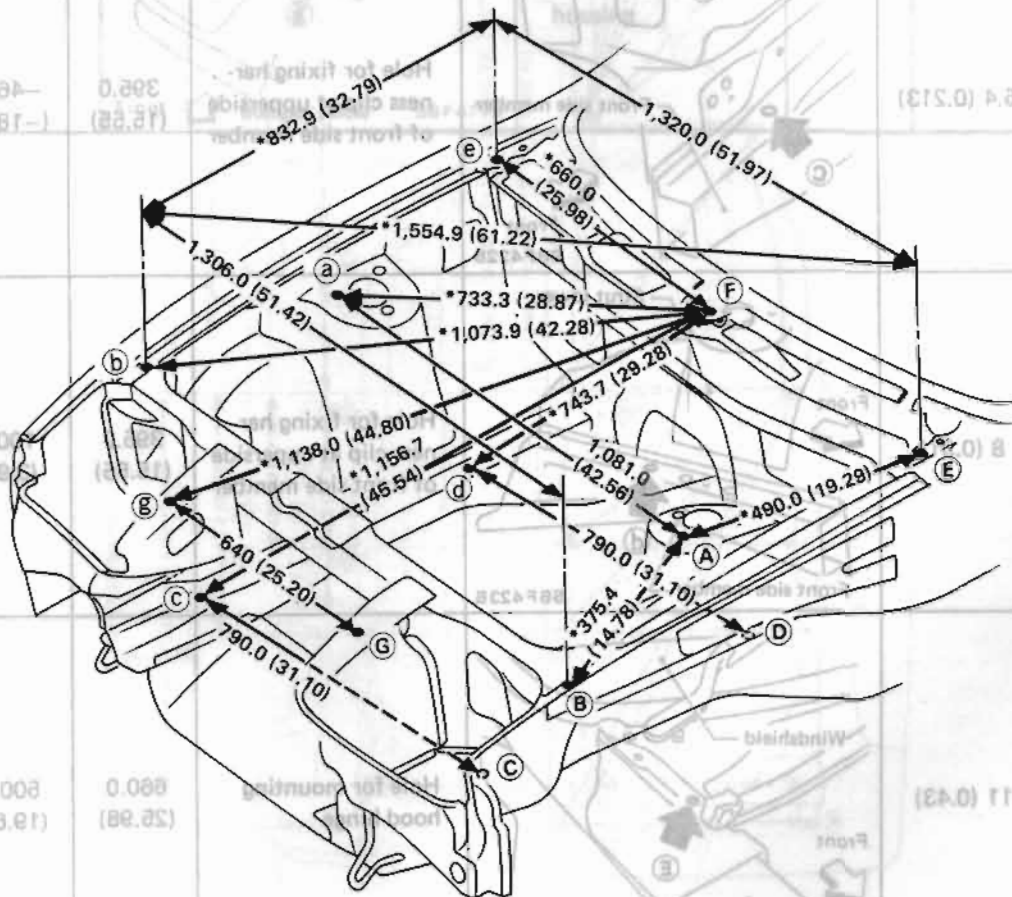
Dimension lines: "x" line — Center line of vehicle

"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.)

## Engine Compartment

### MEASUREMENT



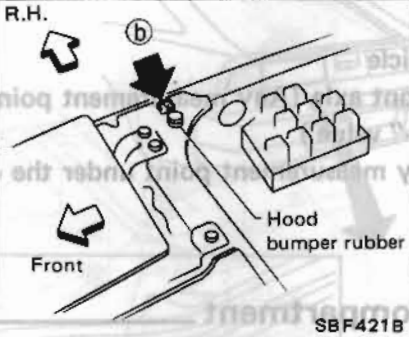
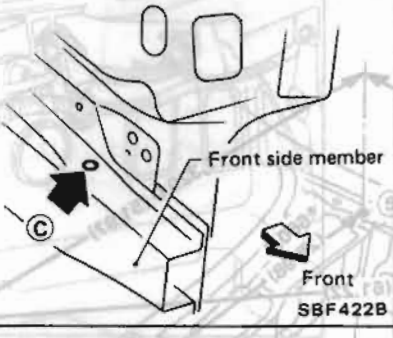
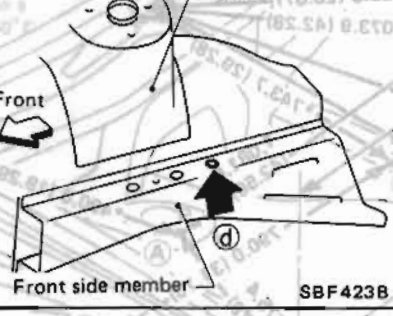
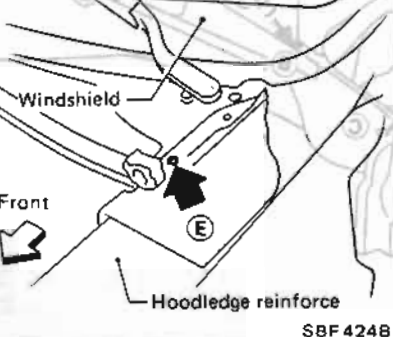
Unit: mm (in)

S8F420B

# BODY ALIGNMENT

## Engine Compartment (Cont'd)

### MEASUREMENT POINTS

| Points  | Hole dia.<br>mm (in) | Detailed points                                                                                                                                     | Coordinates mm (in) |                    |                  |
|---------|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|--------------------|------------------|
|         |                      |                                                                                                                                                     | "x"                 | "y"                | "z"              |
| (A) (a) | 12 (0.47)            | Hole for front suspension upper mounting (Outside front hole)                                                                                       | 540.5<br>(21.28)    | 26.8<br>(1.055)    | 919.0<br>(36.18) |
| (B) (b) | 9 (0.35)             |  <p>R.H.<br/>Front<br/>Hood bumper rubber<br/>SBF421B</p>          | 653.0<br>(25.71)    | -325.0<br>(-12.80) | 852.0<br>(33.54) |
| (C) (c) | 5.4 (0.213)          |  <p>Front side member<br/>Front<br/>SBF422B</p>                   | 395.0<br>(15.55)    | -460.0<br>(-18.11) | 490.0<br>(19.29) |
| (D) (d) | 8 (0.31)             |  <p>Strut tower<br/>Front<br/>Front side member<br/>SBF423B</p>  | 395.0<br>(15.55)    | 100.0<br>(3.94)    | 490.0<br>(19.29) |
| (E) (e) | 11 (0.43)            |  <p>Windshield<br/>Front<br/>Hoodledge reinforce<br/>SBF424B</p> | 660.0<br>(25.98)    | 500.0<br>(19.69)   | 966.0<br>(38.03) |



### Engine Compartment (Cont'd)

### Underbody

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POINTS



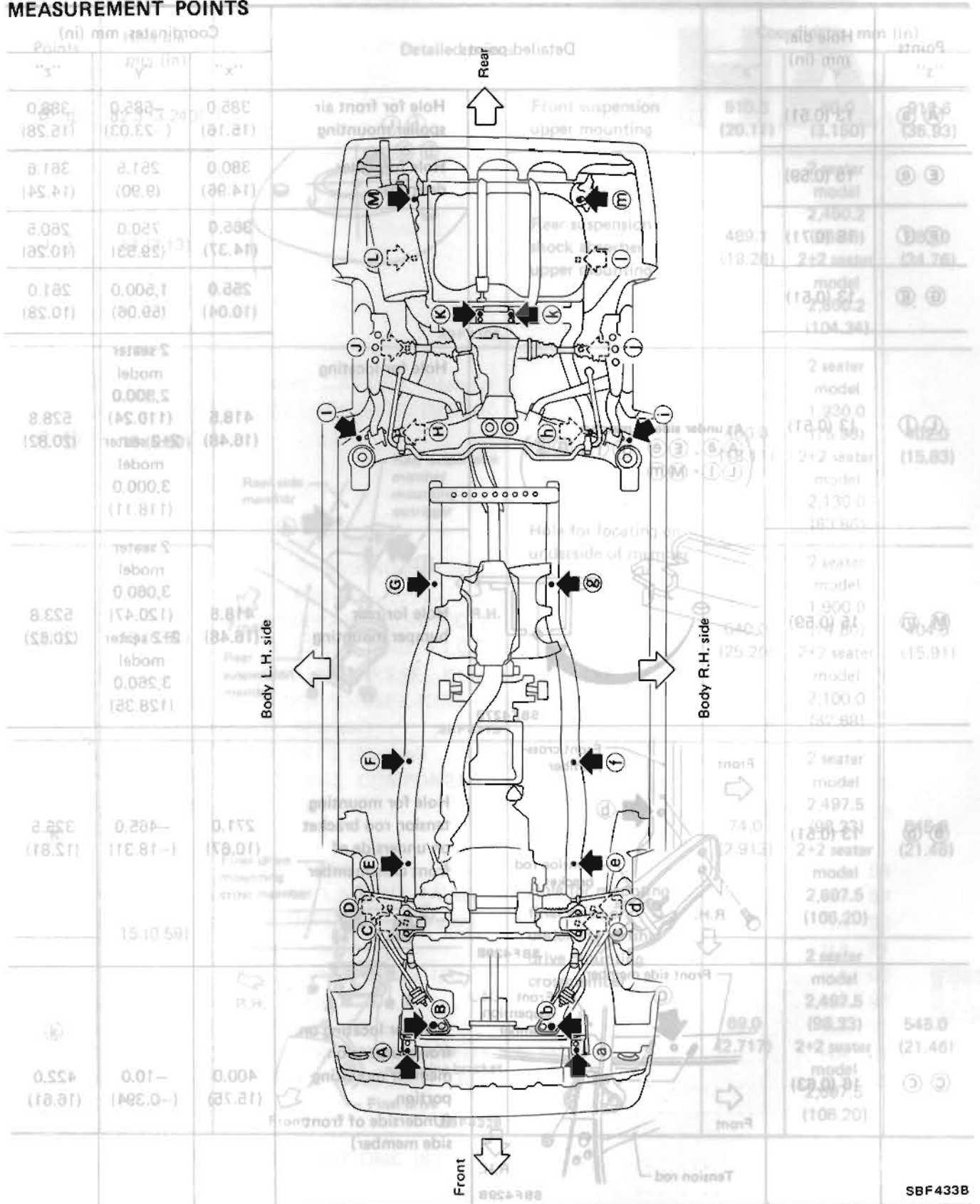
**BF-48**



# BODY ALIGNMENT

## Underbody (Cont'd)

### MEASUREMENT POINTS



SBF433B

# BODY ALIGNMENT

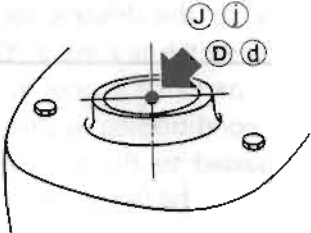
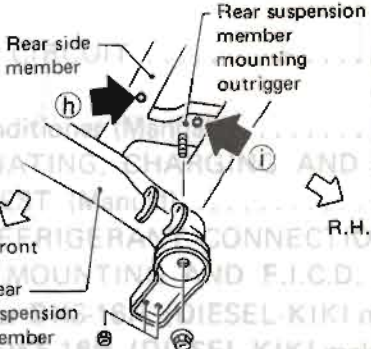
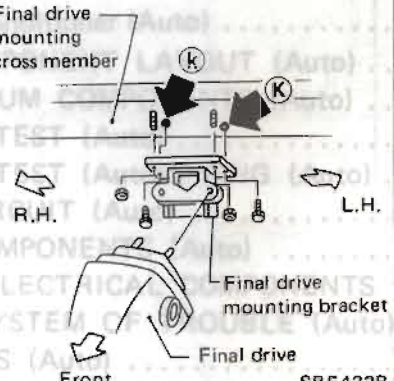
## Underbody (Cont'd)

| Points  | Hole dia.<br>mm (in) | Detailed points                                                                                | Coordinates mm (in) |                                                                                  |                  |
|---------|----------------------|------------------------------------------------------------------------------------------------|---------------------|----------------------------------------------------------------------------------|------------------|
|         |                      |                                                                                                | "x"                 | "y"                                                                              | "z"              |
| (A) (a) | 13 (0.51)            | Hole for front air spoiler mounting                                                            | 385.0<br>(15.16)    | -585.0<br>(-23.03)                                                               | 388.0<br>(15.28) |
| (E) (e) | 15 (0.59)            | Hole for water drainage                                                                        | 380.0<br>(14.96)    | 251.5<br>(9.90)                                                                  | 361.6<br>(14.24) |
| (F) (f) | 18 (0.71)            |                                                                                                | 365.0<br>(14.37)    | 750.0<br>(29.53)                                                                 | 260.5<br>(10.26) |
| (G) (g) | 13 (0.51)            |                                                                                                | 255.0<br>(10.04)    | 1,500.0<br>(59.06)                                                               | 261.0<br>(10.28) |
| (L) (l) | 13 (0.51)            | Hole for locating<br><br>At under side of member<br>(A a, E e, F f, G g)<br>(L l, M m)         | 418.5<br>(16.48)    | 2 seater model<br>2,800.0<br>(110.24)<br>2+2 seater model<br>3,000.0<br>(118.11) | 528.8<br>(20.82) |
| (M) (m) | 15 (0.59)            | Hole for rear bumper mounting                                                                  | 418.5<br>(16.48)    | 2 seater model<br>3,060.0<br>(120.47)<br>2+2 seater model<br>3,260.0<br>(128.35) | 523.8<br>(20.62) |
| (B) (b) | 13 (0.51)            | Hole for mounting tension rod bracket on underside of front crossmember                        | 271.0<br>(10.67)    | -465.0<br>(-18.31)                                                               | 325.5<br>(12.81) |
| (C) (c) | 16 (0.63)            | Hole for locating on front suspension member mounting portion (Underside of front side member) | 400.0<br>(15.75)    | -10.0<br>(-0.394)                                                                | 422.0<br>(16.61) |



# BODY ALIGNMENT

## Underbody (Cont'd)

| Points | Hole dia.<br>mm (in) | Detailed points                                                                                    | Coordinates mm (in) |                                                                                 |                  |
|--------|----------------------|----------------------------------------------------------------------------------------------------|---------------------|---------------------------------------------------------------------------------|------------------|
|        |                      |                                                                                                    | "x"                 | "y"                                                                             | "z"              |
| Ⓓ Ⓓ    | 82.3 (3.240)         |  <p>SBF430B</p>   | 510.8<br>(20.11)    | 80.0<br>(3.150)                                                                 | 912.6<br>(35.93) |
| Ⓙ Ⓙ    | 54 (2.13)            |                                                                                                    | 489.1<br>(19.26)    | 2 seater model<br>2,450.2<br>(96.46)<br>2+2 seater model<br>2,650.2<br>(104.34) | 883.0<br>(34.76) |
| Ⓕ Ⓕ    | 15 (0.59)            |  <p>SBF431B</p>  | 460.0<br>(18.11)    | 2 seater model<br>1,930.0<br>(75.98)<br>2+2 seater model<br>2,130.0<br>(83.86)  | 402.0<br>(15.83) |
| Ⓛ Ⓛ    | 13 (0.51)            |  <p>SBF431B</p> | 640.0<br>(25.20)    | 2 seater model<br>1,900.0<br>(74.80)<br>2+2 seater model<br>2,100.0<br>(82.68)  | 404.0<br>(15.91) |
| Ⓚ      | 15 (0.59)            |  <p>SBF432B</p> | 74.0<br>(2.913)     | 2 seater model<br>2,497.5<br>(98.33)<br>2+2 seater model<br>2,697.5<br>(106.20) | 545.0<br>(21.46) |
| Ⓚ      |                      |                                                                                                    | 69.0<br>(2.717)     | 2 seater model<br>2,497.5<br>(98.33)<br>2+2 seater model<br>2,697.5<br>(106.20) | 545.0<br>(21.46) |