

SECTION **BT**

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★ For seat belt, refer to MA and RS section.

★ For wiring diagrams of body electrical systems, refer to EL section.

PRECAUTIONS

Service Notice

- 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 installing. Be careful not to soil or damage them.
- Apply sealing compound where necessary when installing parts.
- When applying sealing compound, be careful that the sealing compound does not protrude from parts.
- When replacing any metal parts (for example body outer panel, members, etc.), be sure to take rust prevention measures.

Supplemental Restraint System (SRS) “AIR BAG” and “SEAT BELT PRE-TENSIONER”

The Supplemental Restraint System such as “AIR BAG” and “SEAT BELT PRE-TENSIONER” used along with a seat belt, helps to reduce the risk or severity of injury to the driver and front passenger in a frontal collision. The SRS system composition which is available to NISSAN MODEL Y61 is as follows (The composition varies according to the destination.):

Driver air bag module (located in the center of the steering wheel), front passenger air bag module (located on the instrument panel on passenger side), seat belt pre-tensioner, a diagnosis sensor unit, warning lamp, wiring harness and spiral cable.

Information necessary to service the system safely is included in the **RS section** of this Service Manual.


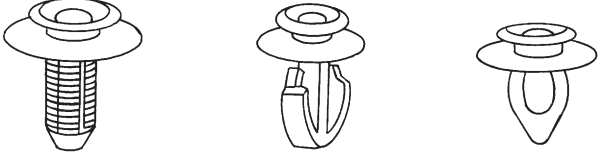
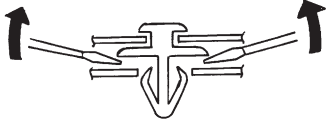

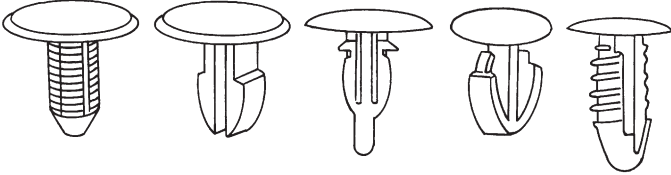
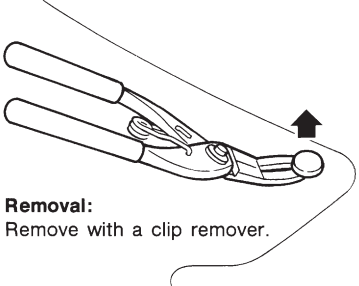

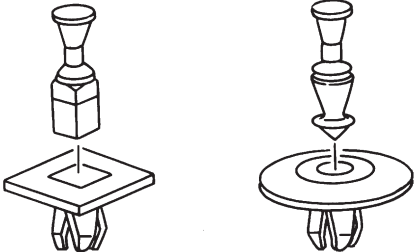
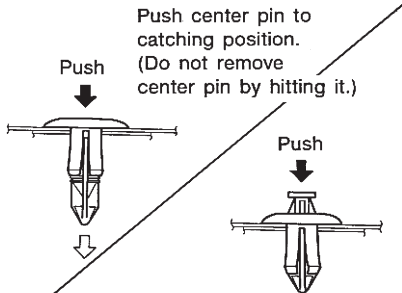

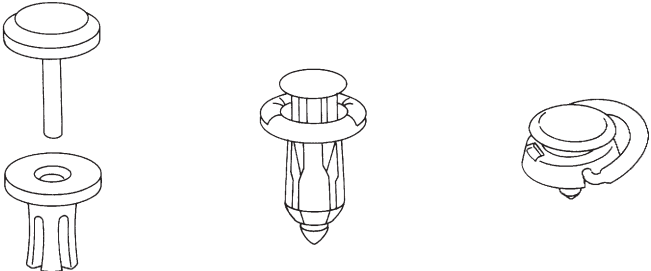
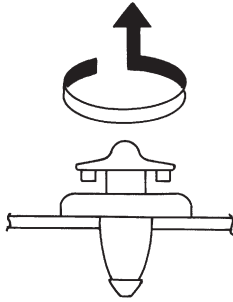
WARNING:

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

GENERAL SERVICING



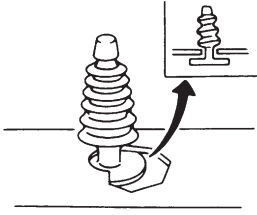
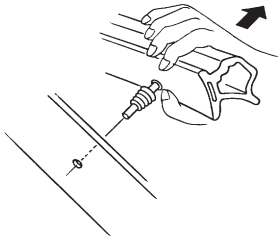


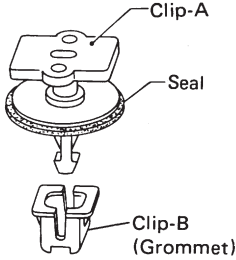
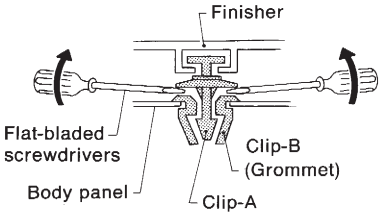


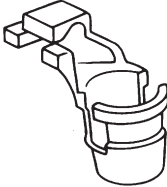
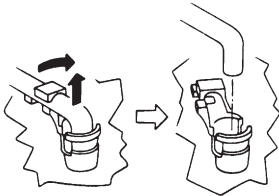


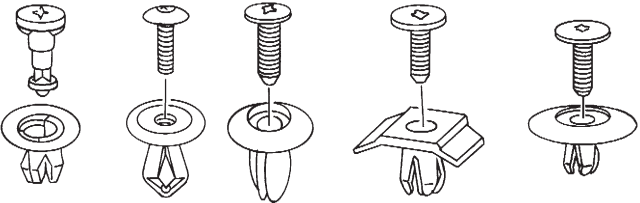
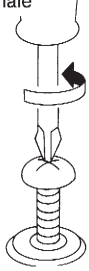
Clip and Fastener

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

Symbol No.	Shapes	Removal & Installation
 <p>C101</p>	 <p>SBF302H</p>	<p>Removal: Remove by bending up with flat-bladed screwdrivers or clip remover.</p>  <p>SBF367BA</p>
 <p>C103</p>	 <p>SBF303H</p>	 <p>Removal: Remove with a clip remover.</p> <p>SBF423H</p>
 <p>C203</p>	 <p>SBF258G</p>	<p>Push center pin to catching position. (Do not remove center pin by hitting it.)</p>  <p>Installation:</p> <p>SBF708E</p>
 <p>C205</p>	 <p>MBT080A</p>	 <p>SBF638C</p>

GENERAL SERVICING

Clip and Fastener (Cont'd)

Symbol No.	Shapes	Removal & Installation
 	 <p style="text-align: right;">SBF104B</p>	<p>Removal:</p>  <p style="text-align: right;">SBF147B</p>
 	 <p style="text-align: right;">SBF651B</p>	<p>Removal:</p>  <p style="text-align: right;">SBF652B</p>
 	 <p style="text-align: right;">SBF768B</p>	<p>Removal: Holder portion of clip must be spread out to remove rod.</p>  <p style="text-align: right;">SBF770B</p>
 	 <p style="text-align: right;">SBF078B</p>	<p>Removal:</p> <ol style="list-style-type: none"> 1. Screw out with a Phillips screwdriver. 2. Remove female portion with flat-bladed screwdriver.  <p style="text-align: right;">SBF992G</p>

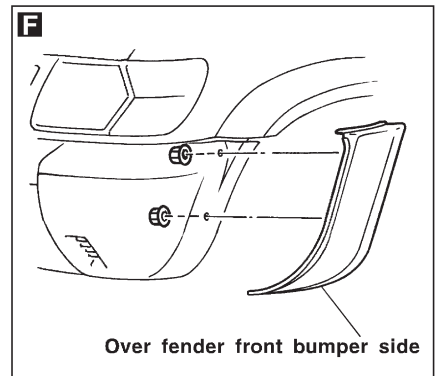
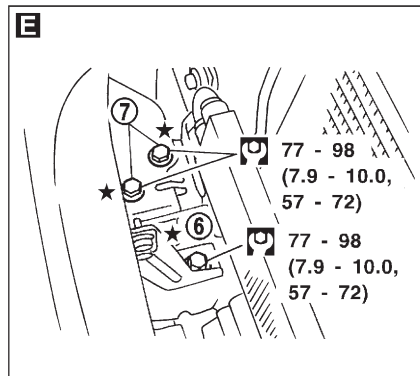
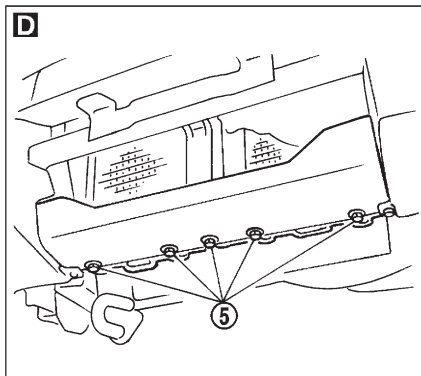
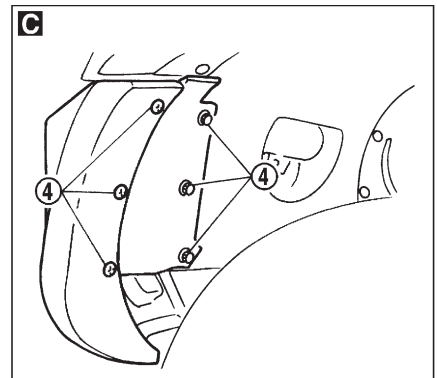
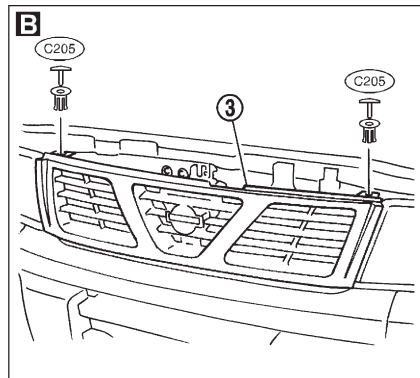
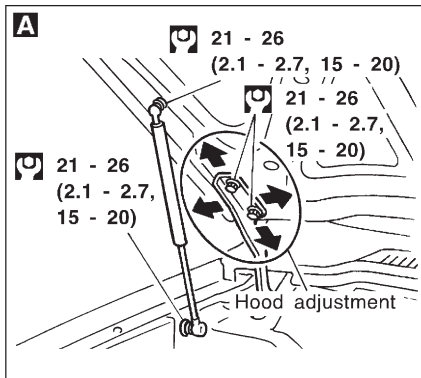
BODY END

Body Front End

- When removing or installing hood, place a cloth or other padding on front fender panel and cowl top. This prevents vehicle body from being scratched.
- Bumper fascia is made of plastic. Do not use excessive force and be sure to keep oil away from it.
- 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.

REMOVAL — Front bumper assembly

- ① Remove front guard bar. Refer to “EXTERIOR” for details, BT-26.
- ② Remove left and right headlamp wipers (on models with headlamp wipers).
- ③ Remove clips securing front grille and remove the front grille. **B**
- ④ Remove screws and bolts securing left and right front bumper side bracket. **C**
- ⑤ Remove bolts securing bumper lower to engine under cover. **D**
- ⑥ Remove bolts securing left and right front bumper stay upper (without winch). **E**
- ⑦ Remove bolts securing left and right front bumper stay side. **E**
- ⑧ Extract bumper assembly.



 : N·m (kg-m, ft-lb)

★ : Bumper assembly mounting bolts

SBT518

BODY END

Body Front End (Cont'd)

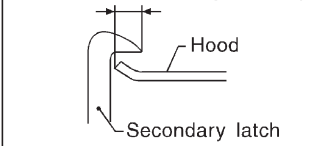
SEC. 620•623•630•650

Hood lock adjustment

- Adjust hood so that hood primary lock meshes at a position 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

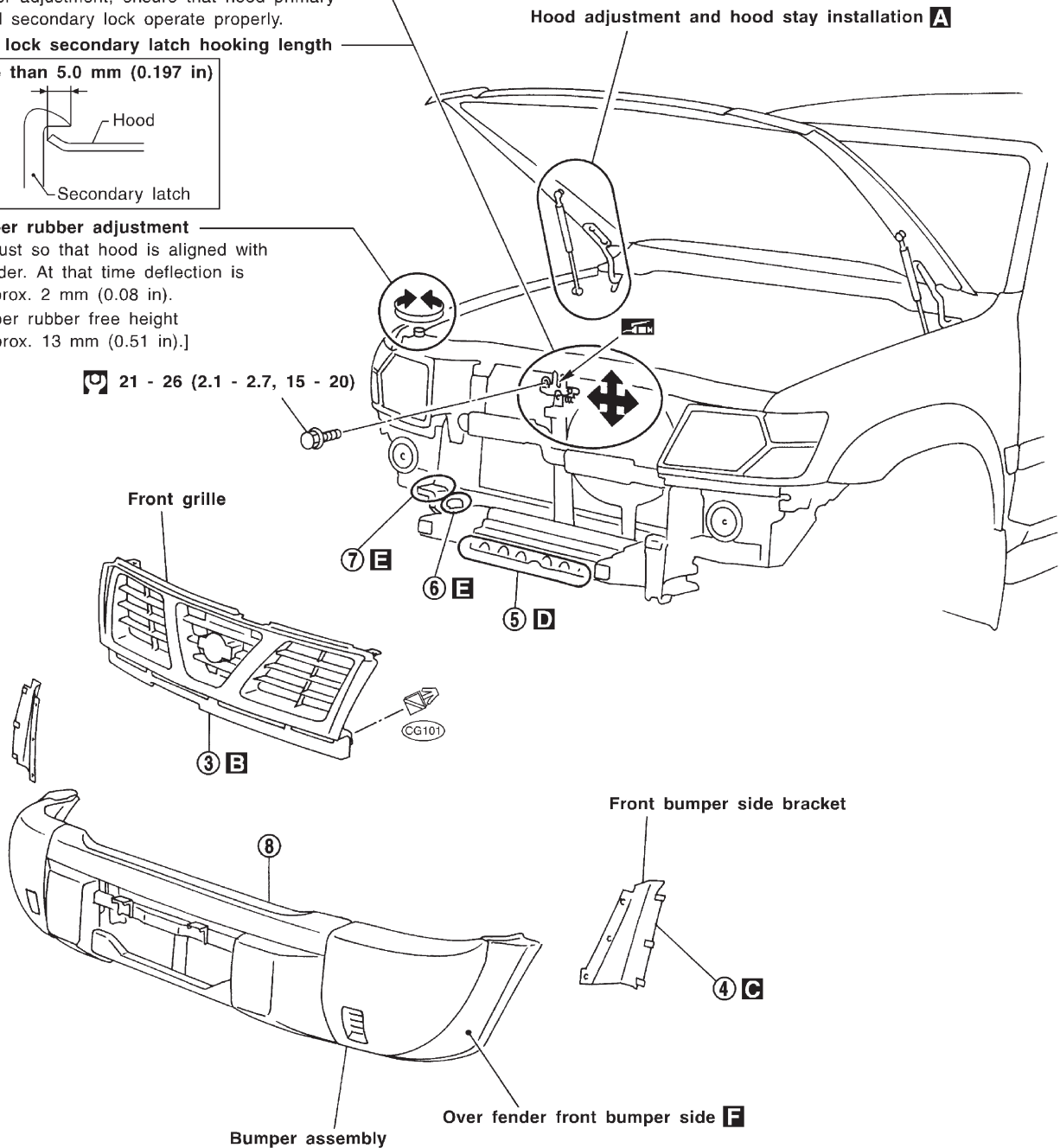
More than 5.0 mm (0.197 in)



Bumper rubber adjustment

- Adjust so that hood is aligned with fender. At that time deflection is approx. 2 mm (0.08 in).
- [Bumper rubber free height is approx. 13 mm (0.51 in).]

21 - 26 (2.1 - 2.7, 15 - 20)



: N•m (kg-m, ft-lb)

SBT519

BODY END

Body Rear End and Opener

- Bumper fascia is made of plastic. Do not use excessive force and be sure to keep oil away from it.
- Back door lock system adjustment: Adjust lock & striker so that they are in the center.
After adjustment, check back door lock operation.
- Back door hatch lock system adjustment: Adjust lock & striker so that they are in the center.
After adjustment, check back door hatch lock operation.
- Opener cable: Do not attempt to bend cable using excessive force.
- After installation, make sure that back door and fuel filler lid open smoothly.

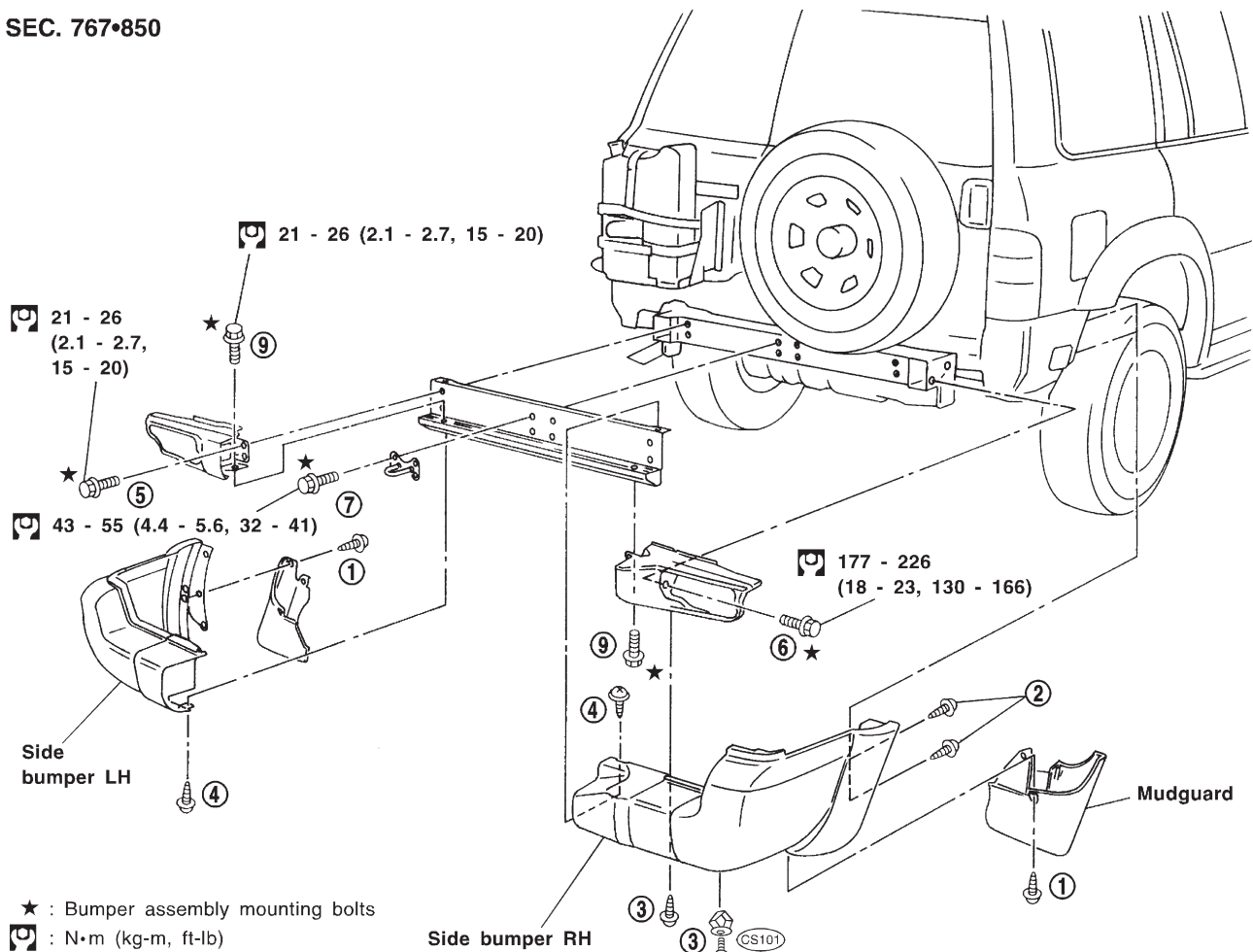
WARNING:

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

REMOVAL — Rear bumper assembly

- ① Remove screws securing left and right mudguard.
- ② Remove bolts securing left and right rear side bumper to rear fender.
- ③ Remove screws and clips securing left and right rear side bumper to rear bumper side reinforcement.
- ④ Remove bolts securing left and right rear side bumper to rear center bumper.
- ⑤ Remove bolts securing left and right rear bumper side reinforcement to rear center bumper.
- ⑥ Remove bolts securing left and right rear bumper side reinforcement to frame assembly.
- ⑦ Remove bolts securing rear hook assembly.
- ⑧ Extract rear bumper assembly.
- ⑨ Remove bolts securing left and right rear bumper side reinforcement to rear center bumper.

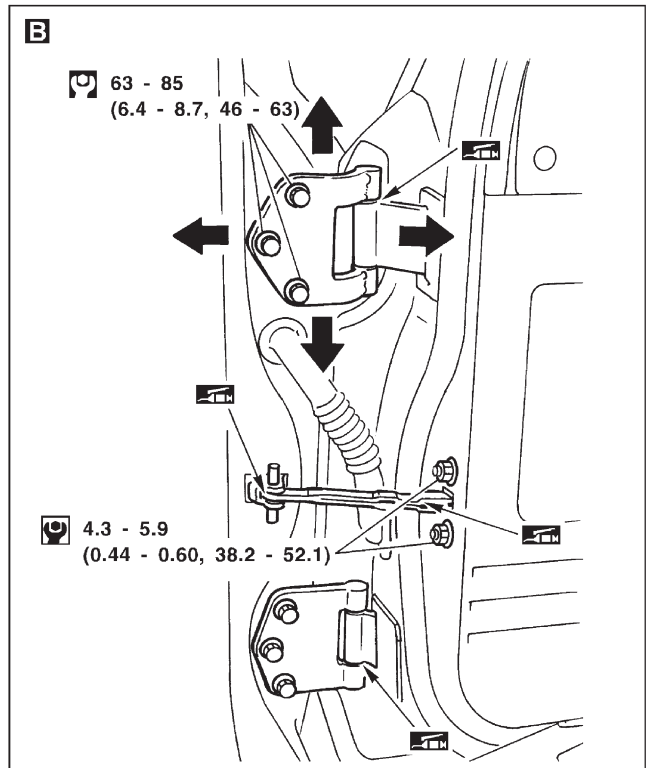
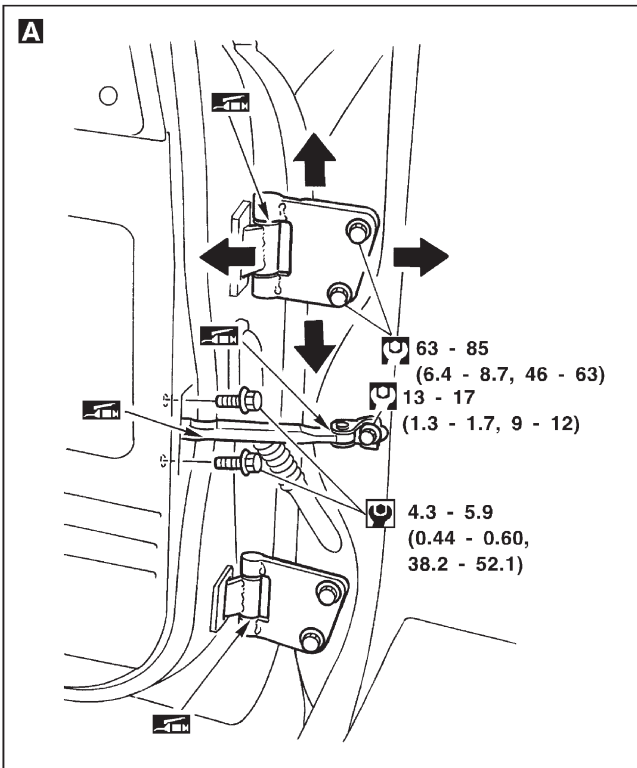
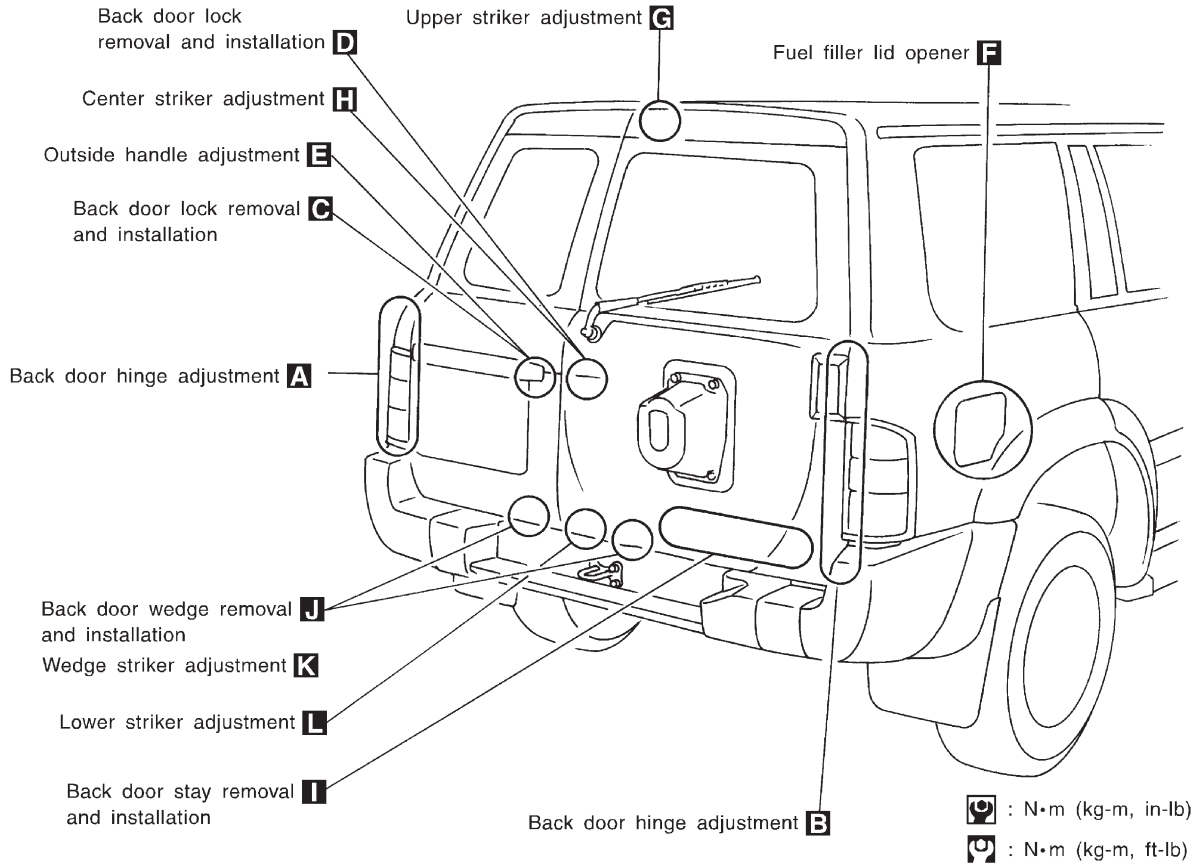
SEC. 767•850



SBT520

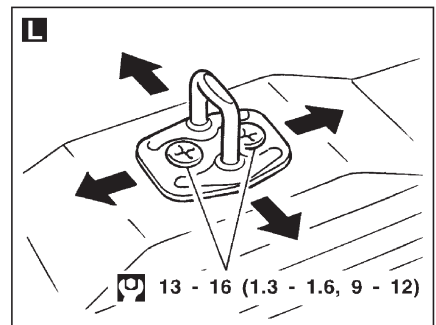
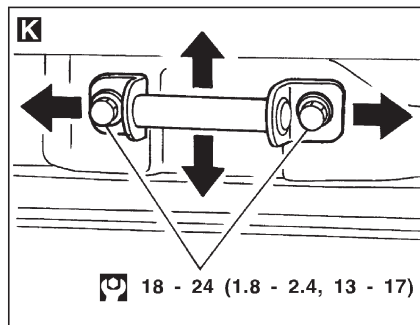
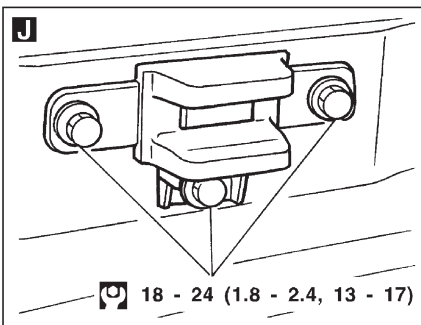
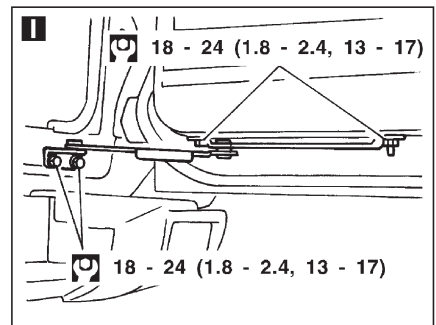
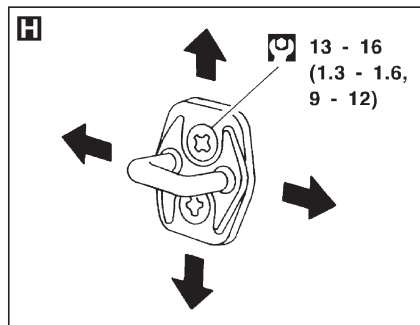
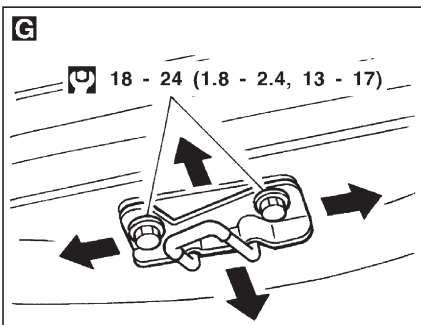
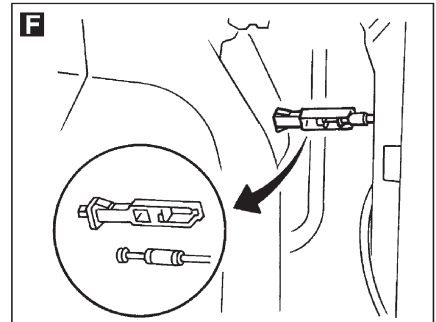
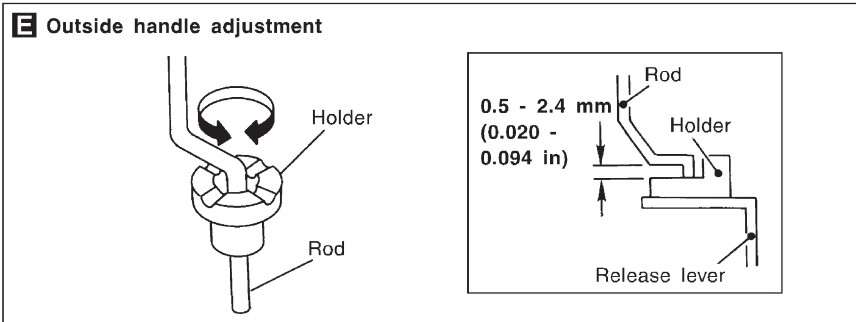
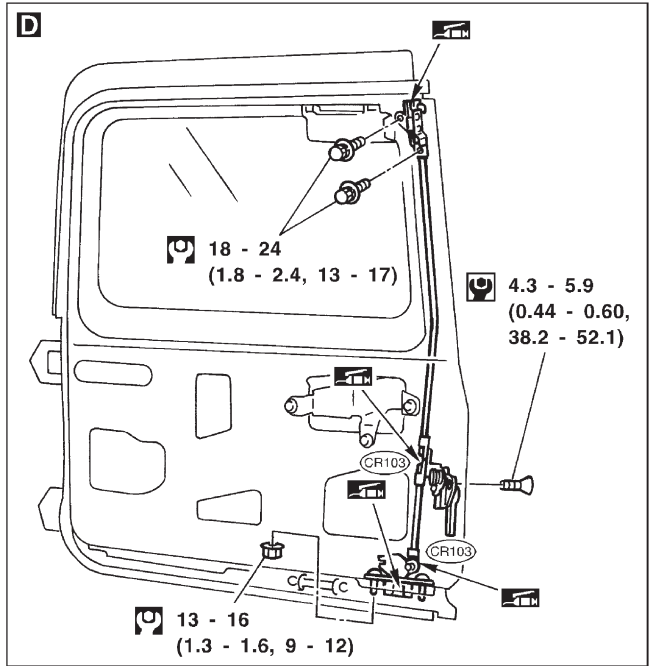
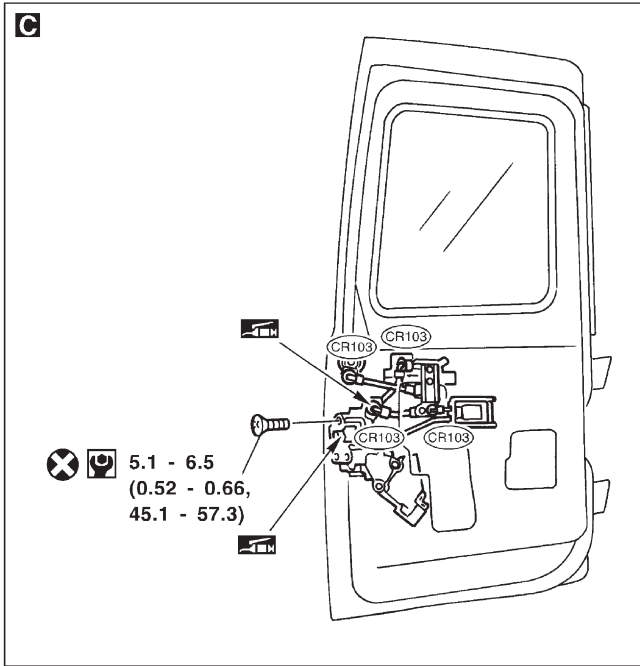
BODY END

Body Rear End and Opener (Cont'd)



BODY END

Body Rear End and Opener (Cont'd)



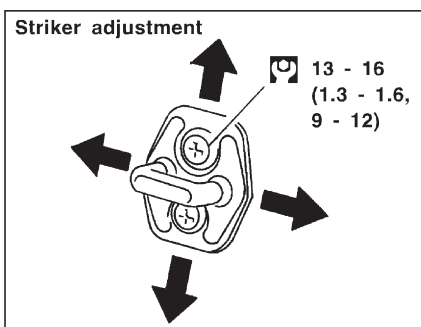
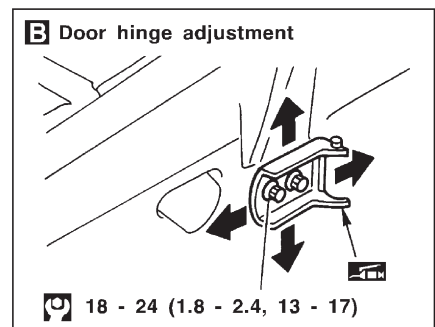
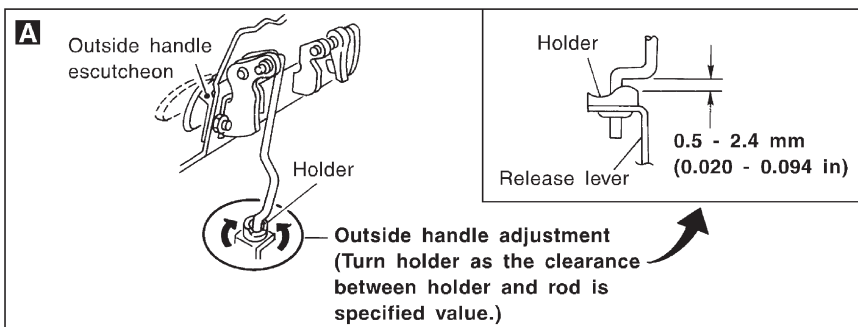
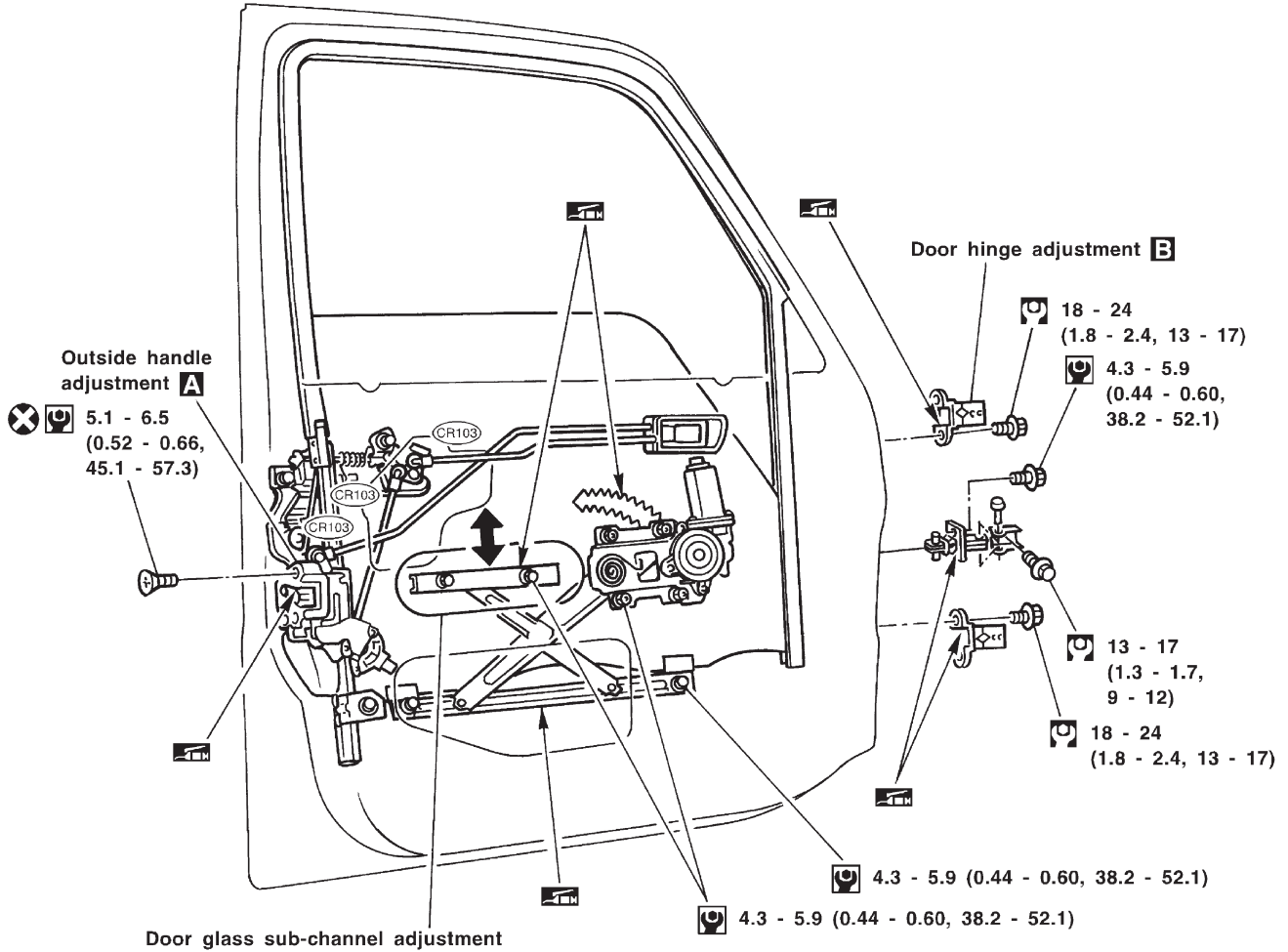
: N•m (kg-m, ft-lb)
 : N•m (kg-m, in-lb)

DOOR

Front Door

- For removal of door trim, refer to "Door Trim" in "INTERIOR TRIM" (BT-18).
- After adjusting door or door lock, check door lock operation.

SEC. 800•803•805•998



: N•m (kg-m, in-lb)

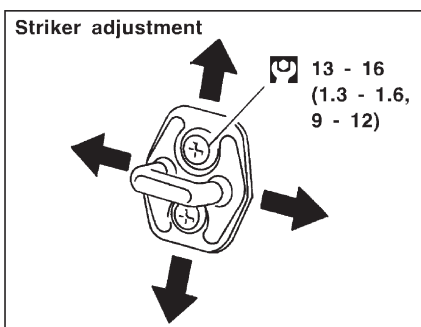
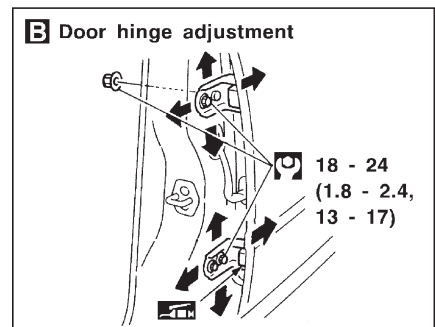
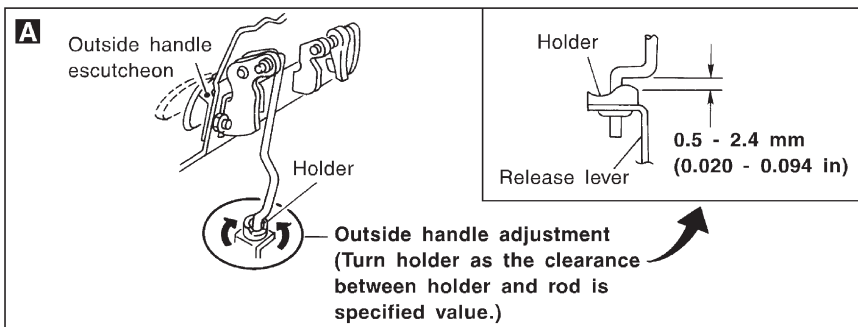
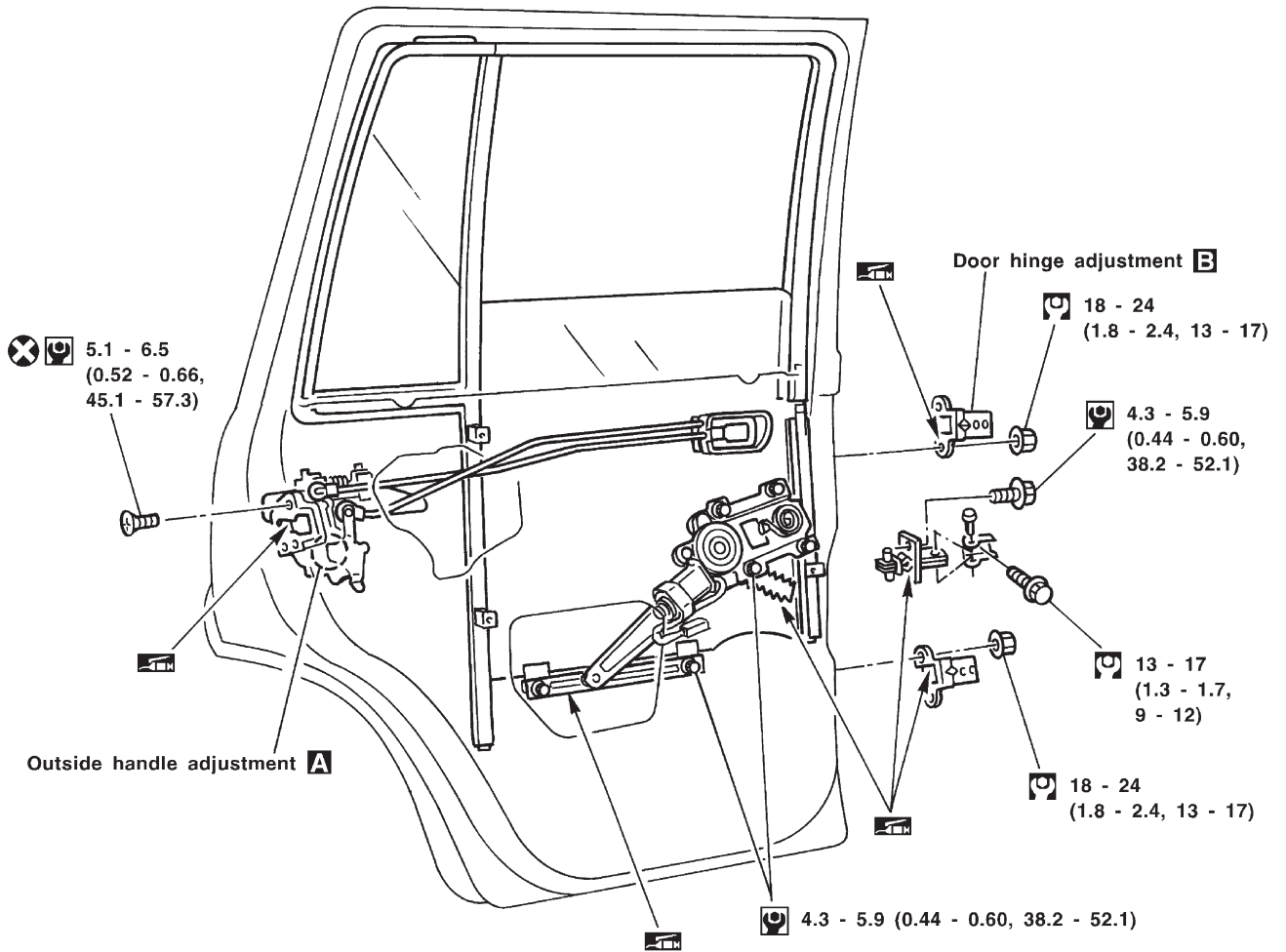
: N•m (kg-m, ft-lb)

SBT522

DOOR

Rear Door

SEC. 820•823•825



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

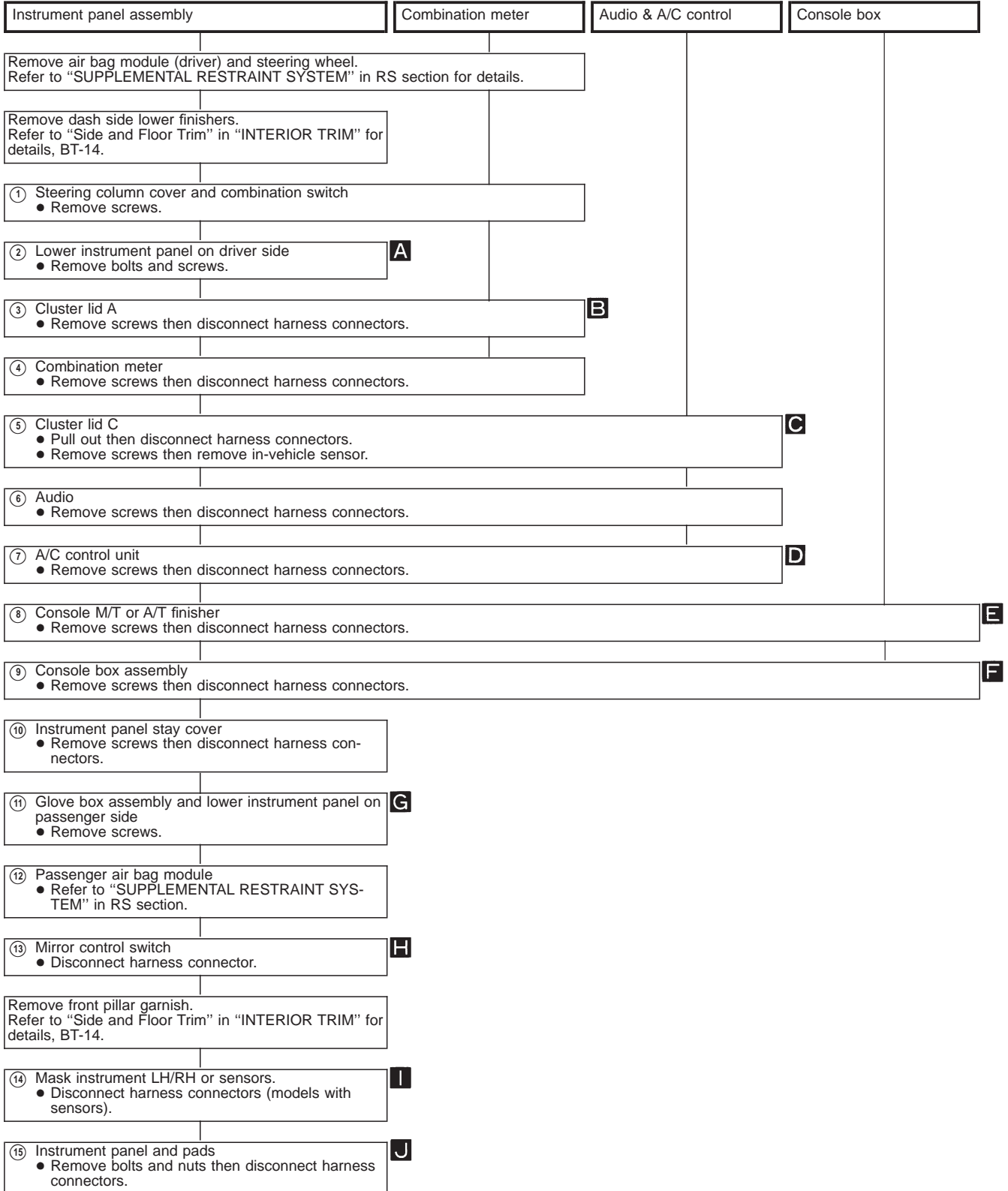
SBT523

INSTRUMENT PANEL

CAUTION:

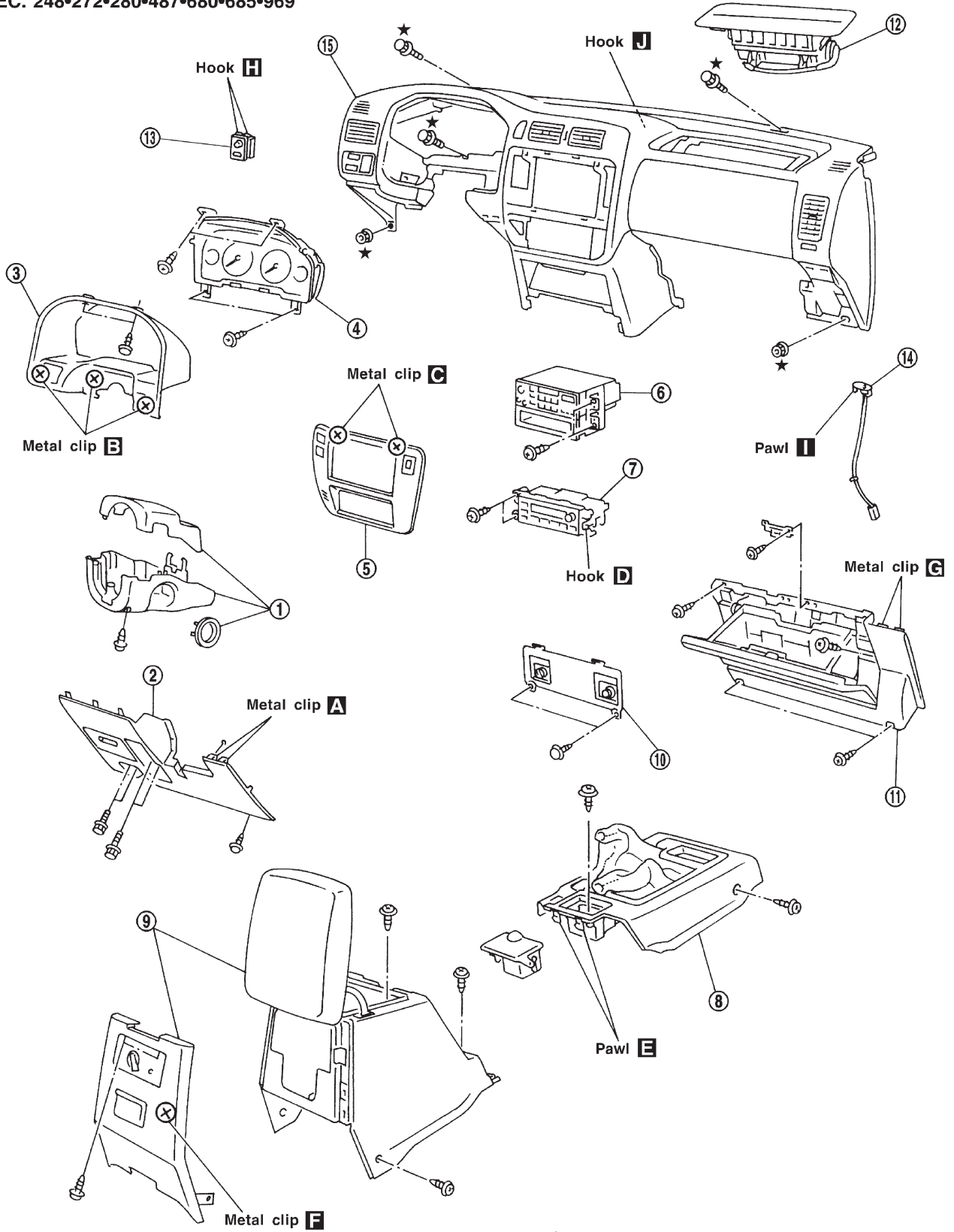
- Disconnect both battery cables in advance.
- Disconnect air bag system line in advance.
- Never tamper with or force air bag lid open, as this may adversely affect air bag performance.
- Be careful not to scratch pad and other parts.

REMOVAL — Instrument panel assembly



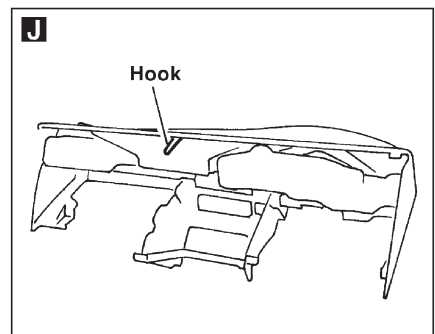
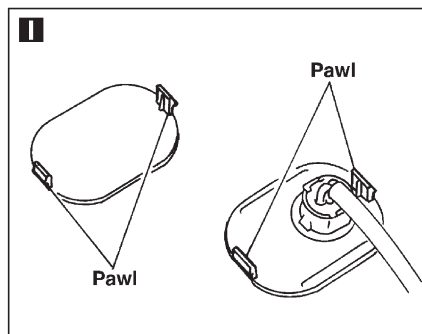
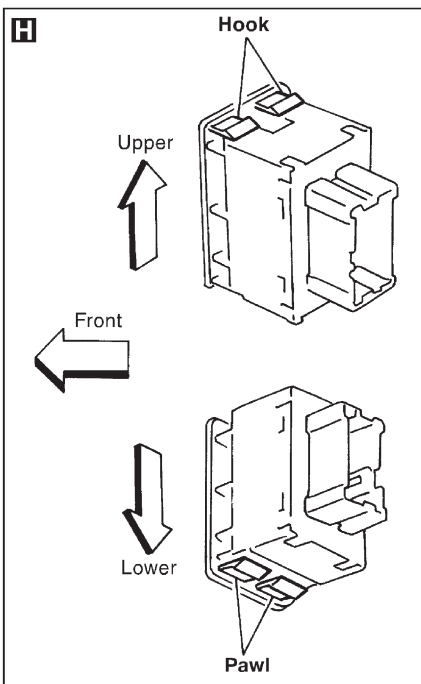
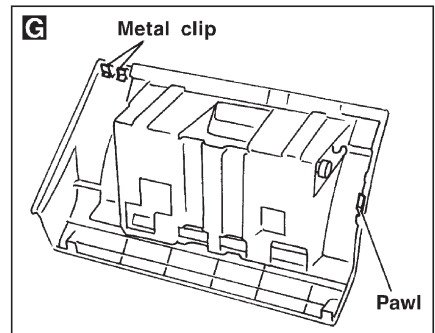
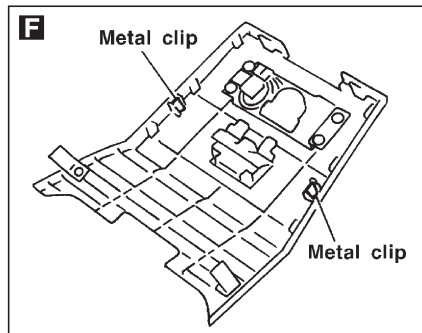
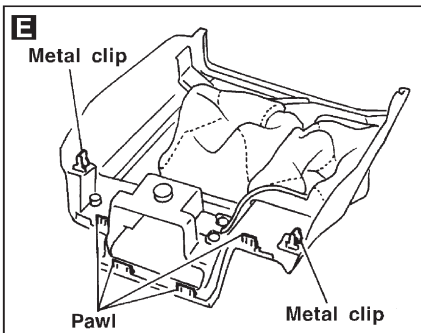
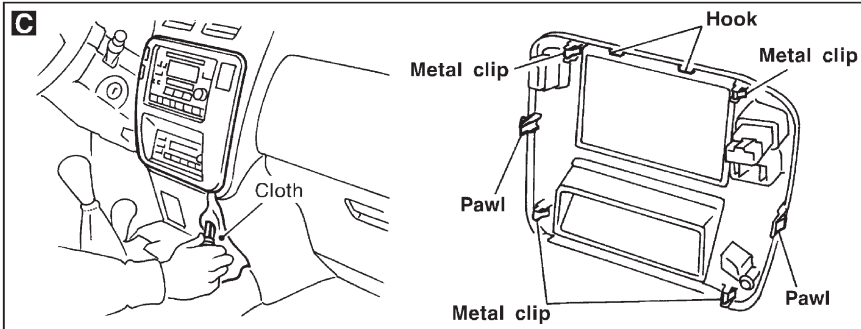
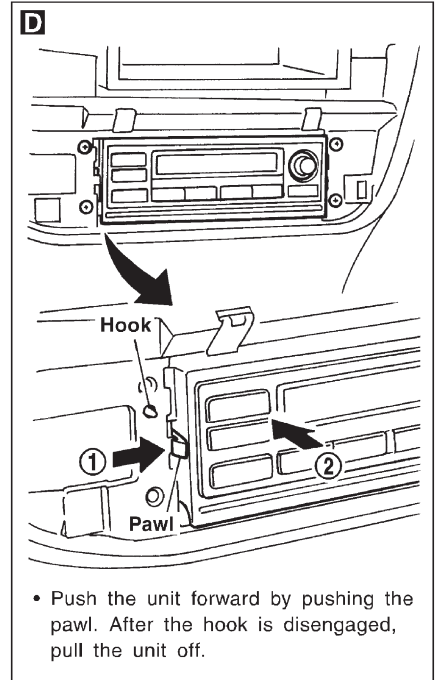
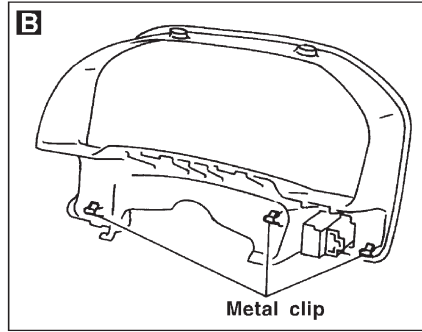
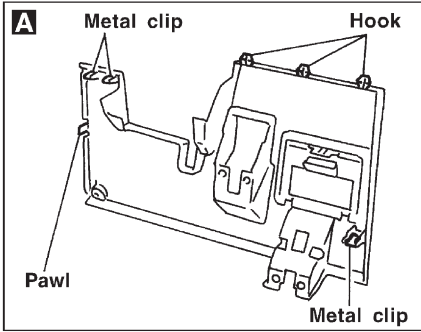
INSTRUMENT PANEL

SEC. 248•272•280•487•680•685•969



★ : Instrument panel assembly mounting bolts & nuts

INSTRUMENT PANEL



INTERIOR TRIM

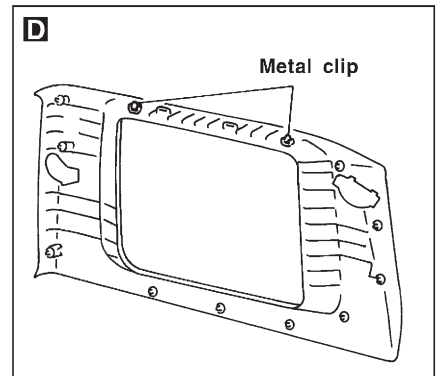
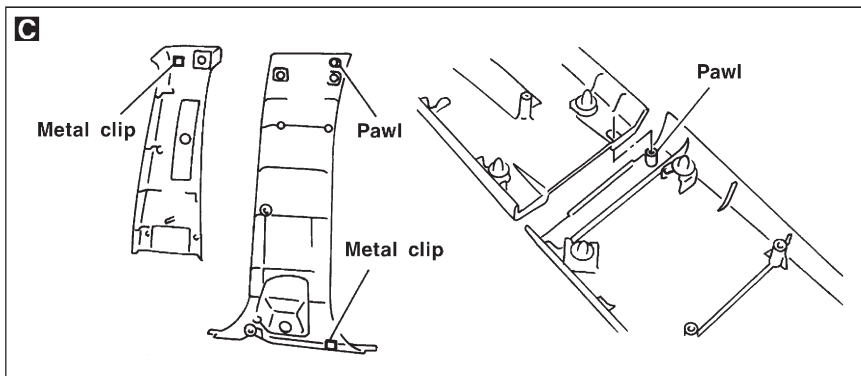
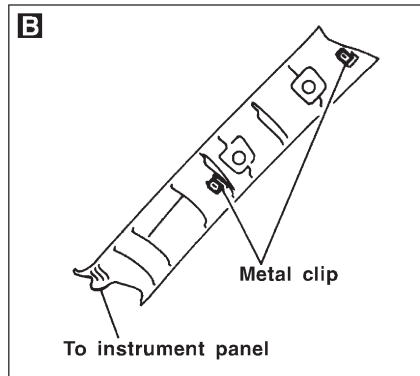
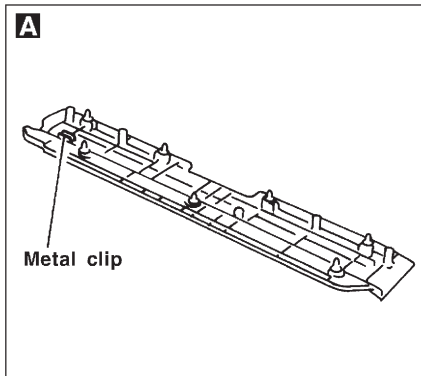
Side and Floor Trim

CAUTION:

Wrap the tip of flat-bladed screwdriver with a cloth when removing metal clips from garnishes.

REMOVAL — Body side trim (WAGON)

- ① Remove front, rear and 3rd seats. Refer to "SEAT" for details, BT-32.
- ② Remove front, rear and 3rd seat belts. Refer to "SEAT BELTS" in RS section for details.
- ③ Remove front and rear kicking plates. **A**
- ④ Remove front and rear body side welts.
- ⑤ Remove dash side lower finishers.
- ⑥ Remove assist grips.
- ⑦ Remove front pillar garnishes.
- ⑧ Remove center pillar lower garnishes. **B**
- ⑨ Remove assist grips.
- ⑩ Remove center pillar upper garnishes. **C**
- ⑪ Remove luggage floor retainer.
- ⑫ Remove back door welt.
- ⑬ Remove assist grips or clips.
- ⑭ Remove luggage side upper finishers. **D**
- ⑮ Remove luggage side lower finishers. (On vehicles equipped with power supply sockets, remove connector from luggage side lower finisher LH.)
- ⑯ Remove console box assembly. Refer to "INSTRUMENT PANEL" for details, BT-11.
- ⑰ Remove clips and luggage floor rope hooks, then remove luggage floor trim.
- ⑱ Remove screws and clips, then remove rear floor trim.
- ⑲ Remove clips, footrest and accel stopper, then remove front floor trim.



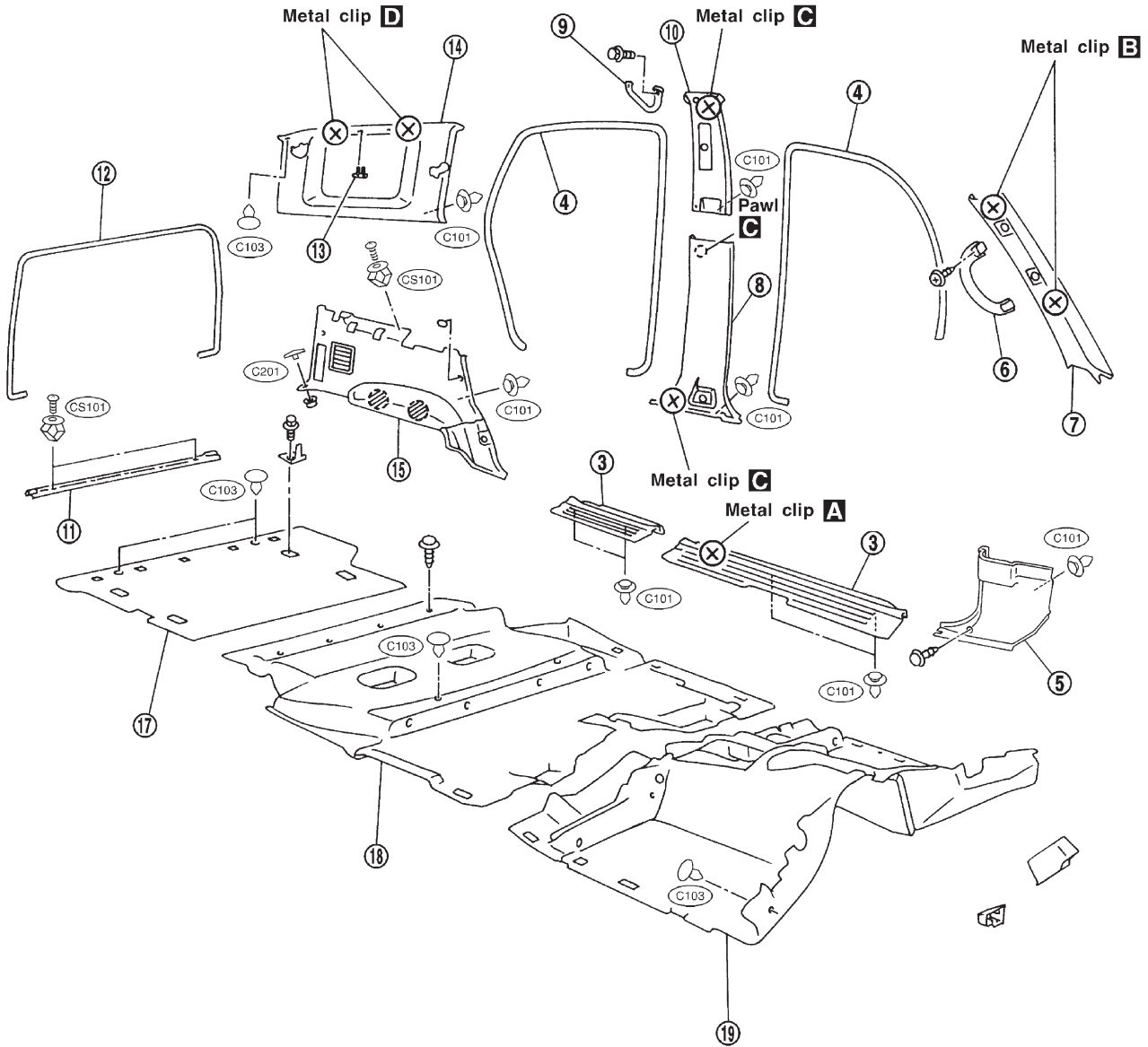
SBT526

INTERIOR TRIM

Side and Floor Trim (Cont'd)

WAGON

SEC. 678•738•769•799•849



 : Velcro

SBT527

BT-15

INTERIOR TRIM

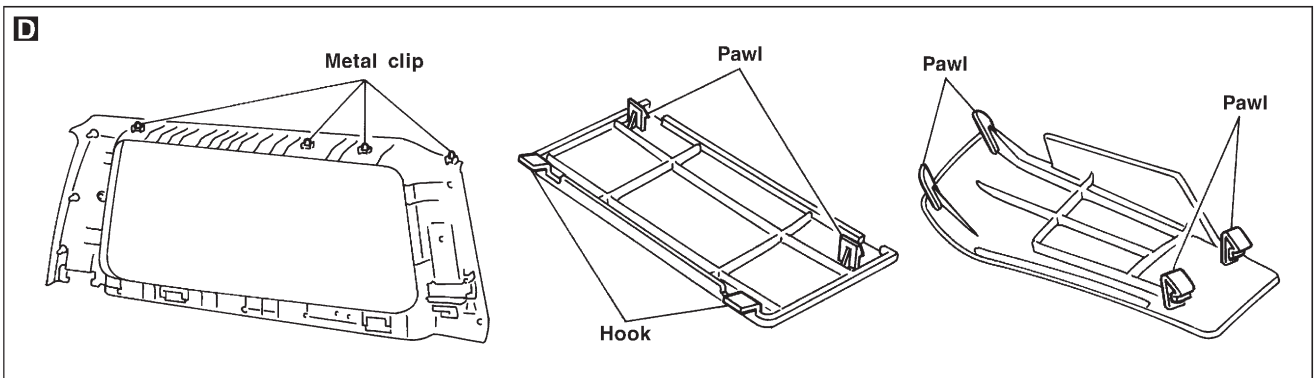
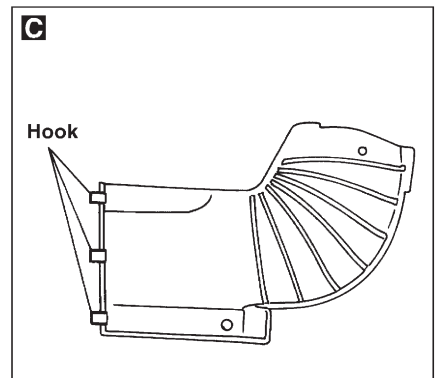
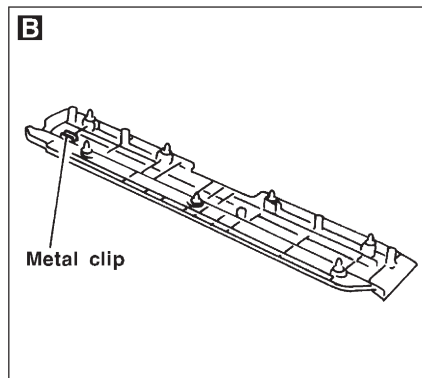
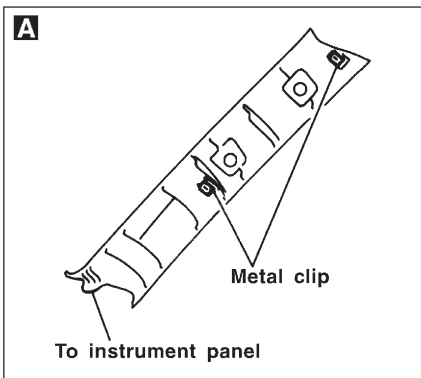
Side and Floor Trim (Cont'd)

CAUTION:

Wrap the tip of flat-bladed screwdriver with a cloth when removing metal clips from garnishes.

REMOVAL — Body side trim (HARDTOP)

- ① Remove tonneau cover.
- ② Remove front and rear seats. Refer to "SEAT" for details, BT-32.
- ③ Remove kicking plates. **A**
- ④ Remove body side welts.
- ⑤ Remove dash side lower finishers.
- ⑥ Remove assist grips.
- ⑦ Remove front pillar garnishes. **B**
- ⑧ Remove luggage floor retainer.
- ⑨ Remove back door welt.
- ⑩ Remove assist grips.
- ⑪ Remove lap outer covers. **C**
- ⑫ Remove anchor bolt of seat belts. Refer to "SEAT BELTS" in RS section for details.
- ⑬ Remove seat belt escutcheons. **D**
- ⑭ Remove rear parcel shelf holders.
- ⑮ Remove luggage side upper finishers. **D**
- ⑯ Remove clips securing luggage side lower finishers. (On vehicles equipped with power supply sockets, remove connector from luggage side lower finisher LH.)
- ⑰ Remove console box assembly. Refer to "INSTRUMENT PANEL" for details, BT-11.
- ⑱ Remove clips and luggage floor rope hooks, then remove luggage floor trim.
- ⑲ Remove screws, then remove rear floor trim.
- ⑳ Remove clips, footrest and accel stopper, then remove front floor trim.



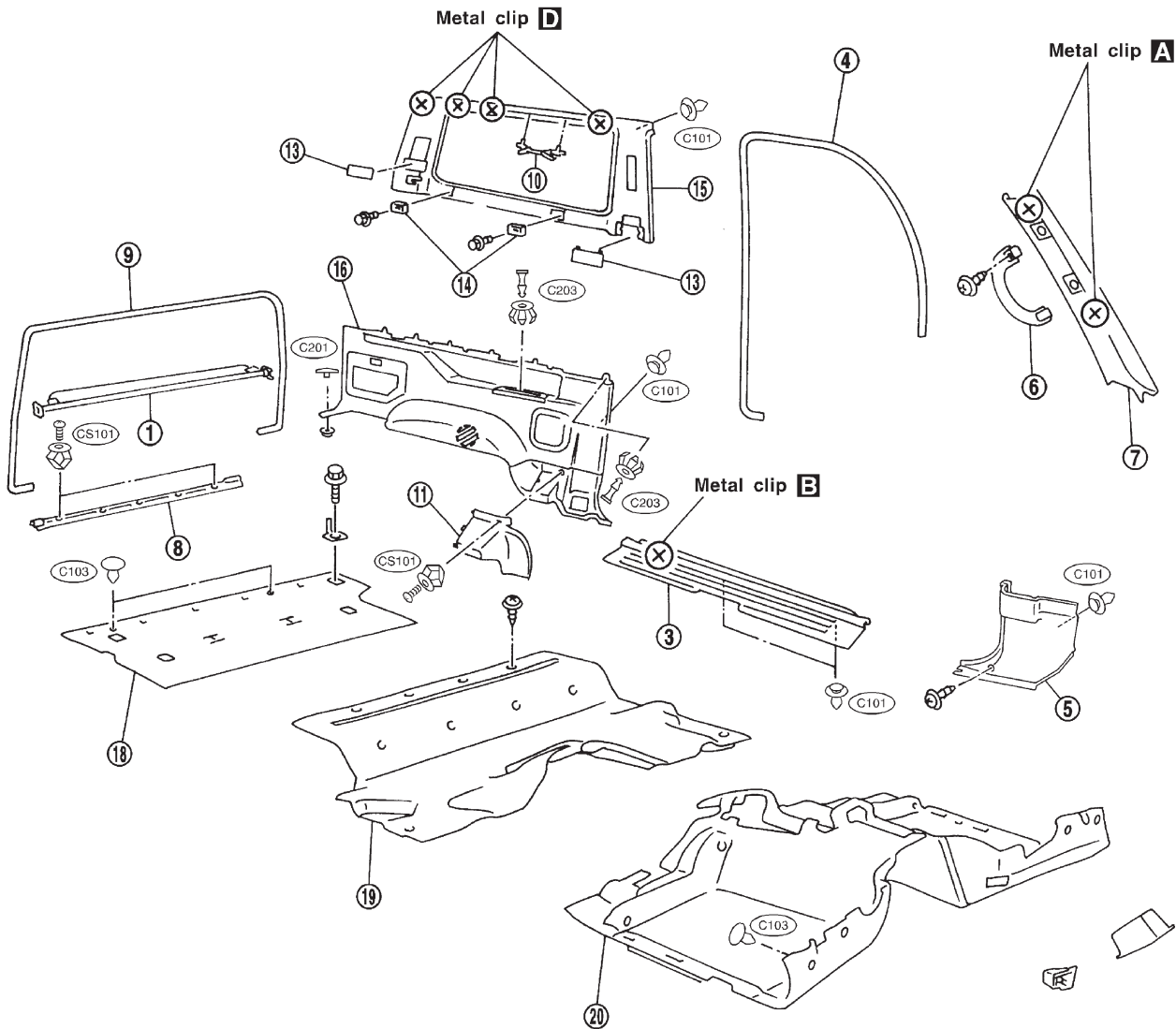
SBT528

INTERIOR TRIM

Side and Floor Trim (Cont'd)

HARDTOP

SEC. 678•738•769•799•849



 : Velcro

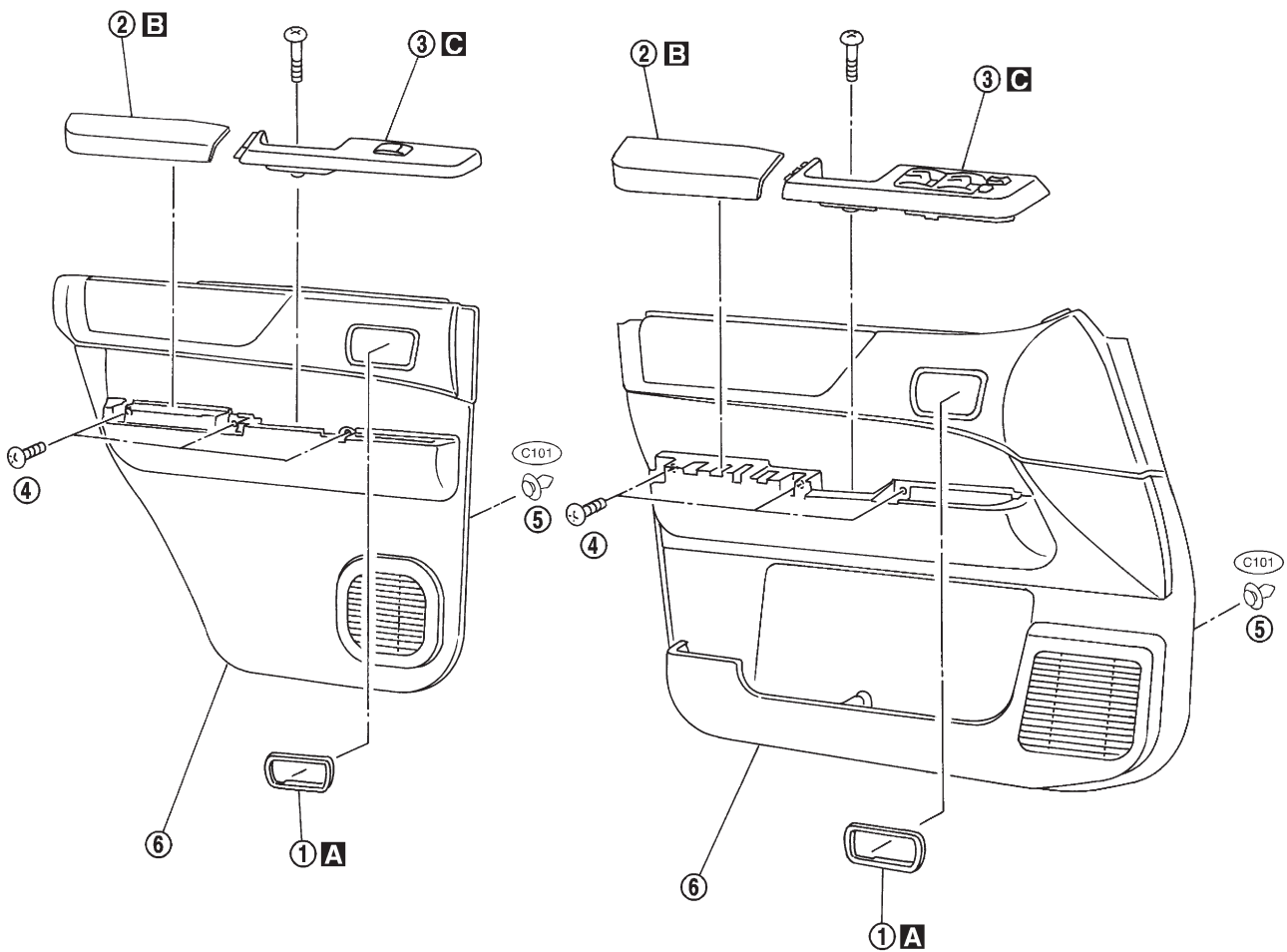
INTERIOR TRIM

Door Trim

REMOVAL — Door trim

- ① Remove inside handle escutcheon. **A**
- ② Remove door armrest. **B**
- ③ Remove screw securing power window switches, then disconnect the connector. **C**
- ④ Remove screw securing door trim.
- ⑤ Remove clips securing door trim.
- ⑥ Lift out door trim.

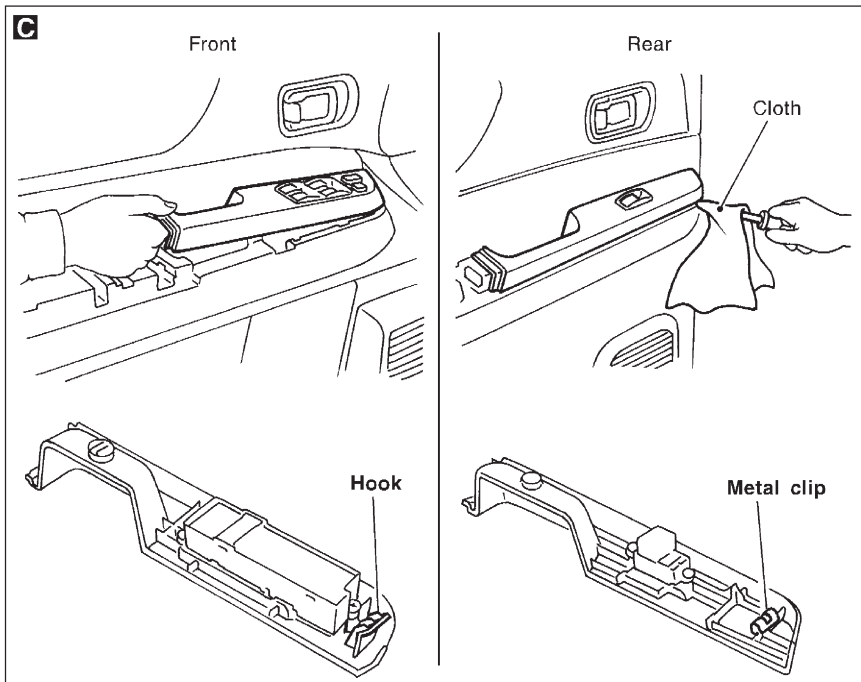
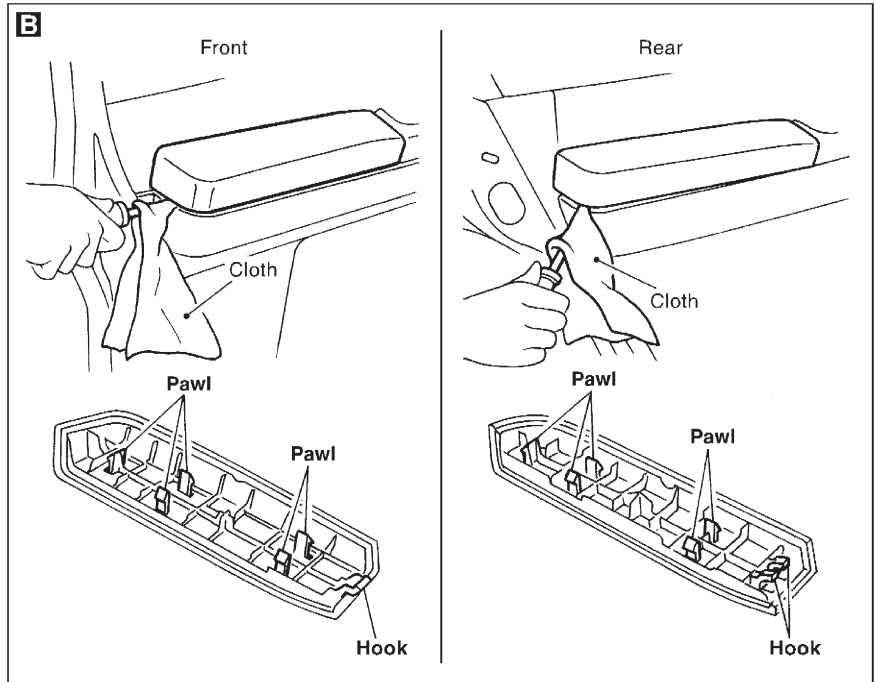
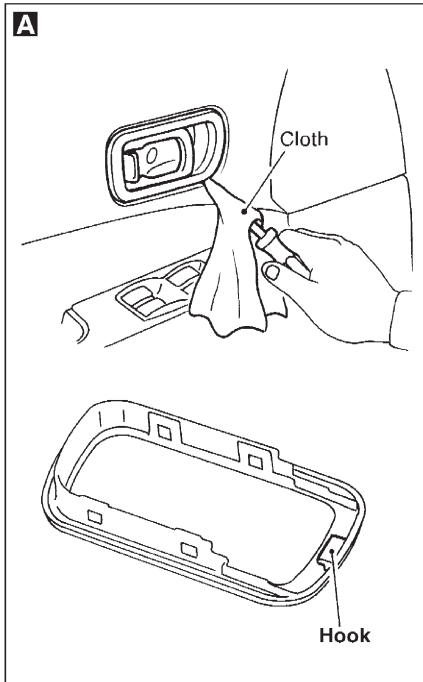
SEC. 251•809•828



SBT530

INTERIOR TRIM

Door Trim (Cont'd)



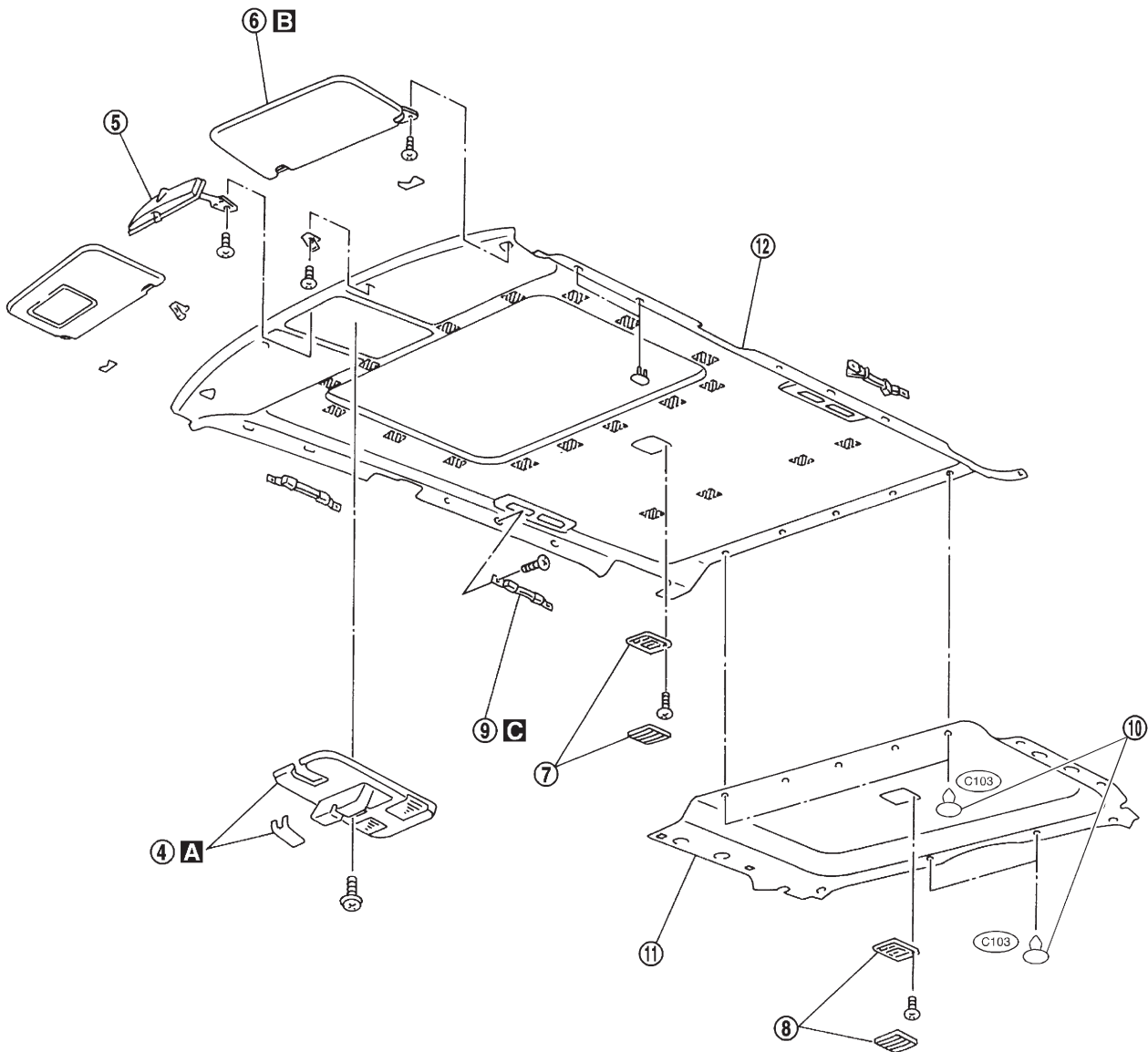
INTERIOR TRIM


Roof Trim

REMOVAL — Headlining (WAGON)

- ① Remove front, rear and 3rd seats. Refer to "SEAT" for details, BT-32.
- ② Remove front, rear and 3rd seat belts. Refer to "SEAT BELTS" in RS section for details.
- ③ Remove body side trim. Refer to "Side and Floor Trim" for details, BT-14.
- ④ Remove roof console assembly, then disconnect connectors. **A**
- ⑤ Remove inside mirror assembly.
- ⑥ Remove sun visors. **B**
- ⑦ Remove interior lamp assembly.
- ⑧ Remove luggage room lamp assembly.
- ⑨ Remove assist grips. **C**
- ⑩ Remove clips securing headlining.
- ⑪ Remove rear headlining from vehicle through either back door.
- ⑫ Remove front headlining from vehicle through either back door.

SEC. 264•738•963•964•970

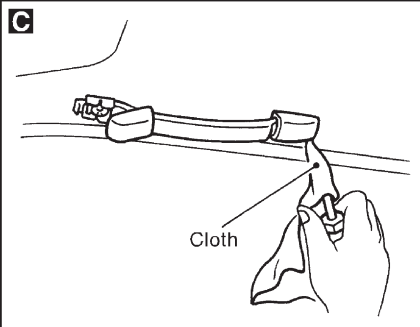
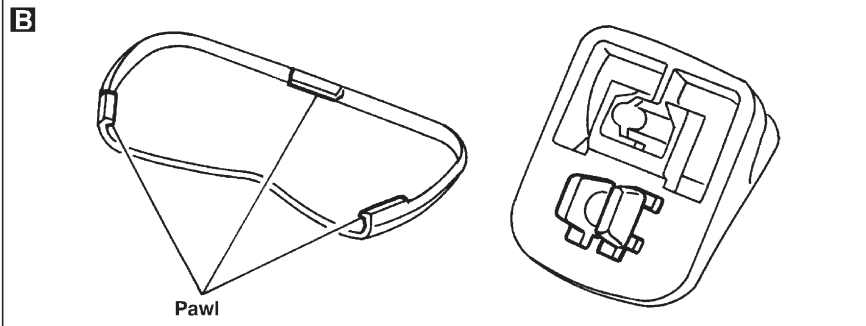
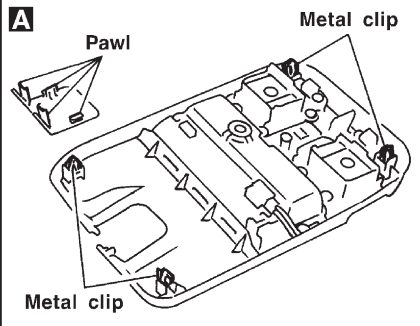


 : Velcro

SBT531

INTERIOR TRIM

Roof Trim (Cont'd)



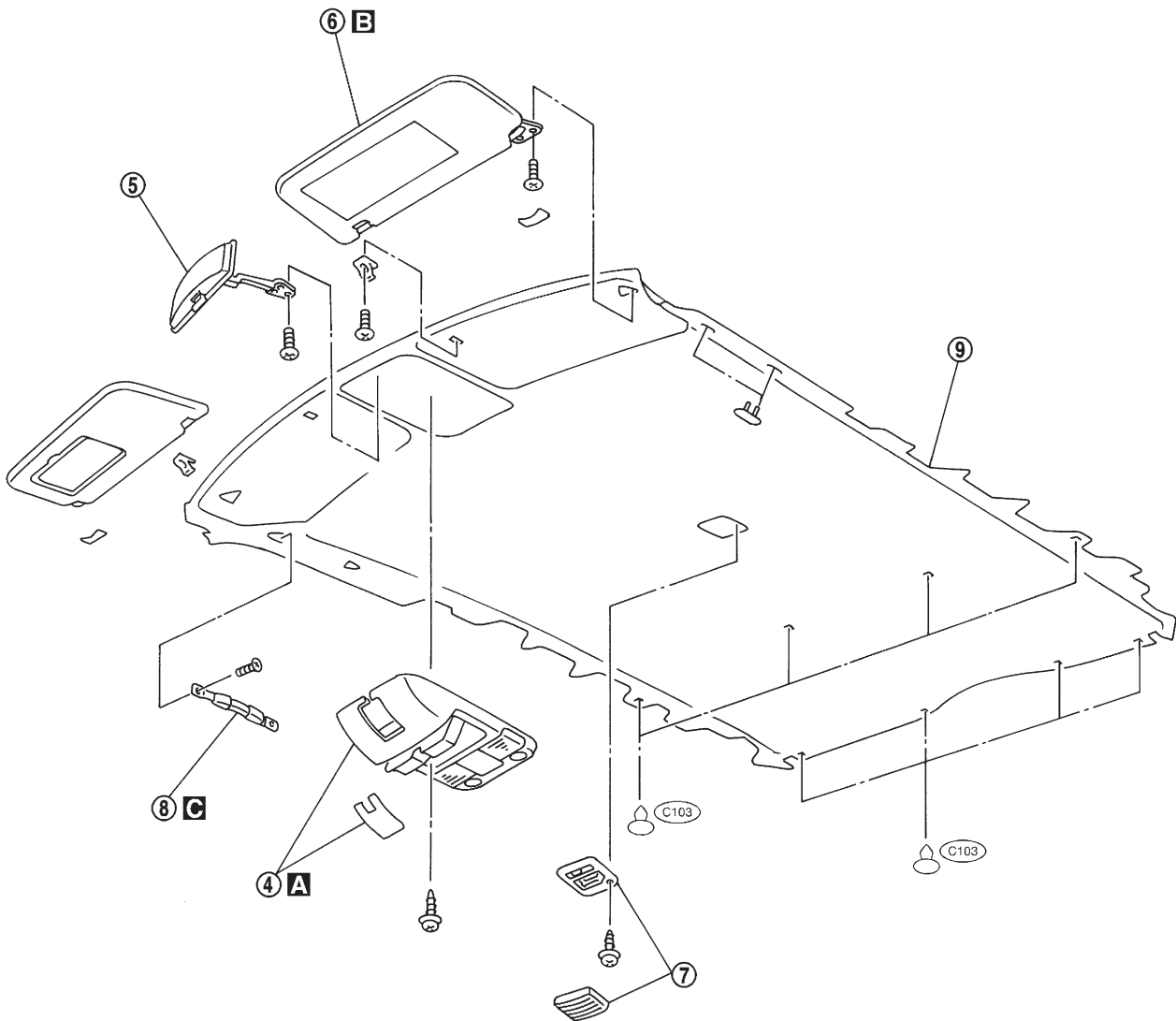
INTERIOR TRIM

Roof Trim (Cont'd)

REMOVAL — Headlining (HARDTOP)

- ① Remove front and rear seats. Refer to "SEAT" for details, BT-32.
- ② Remove front and rear seat belts. Refer to "SEAT BELTS" in RS section for details.
- ③ Remove body side trim. Refer to "Side and Floor Trim" for details, BT-14.
- ④ Remove roof console assembly, then disconnect connector. **A**
- ⑤ Remove inside mirror assembly.
- ⑥ Remove sun visors. **B**
- ⑦ Remove interior lamp assembly.
- ⑧ Remove assist grips. **C**
- ⑨ Remove clips securing headlining from vehicle through either back door.

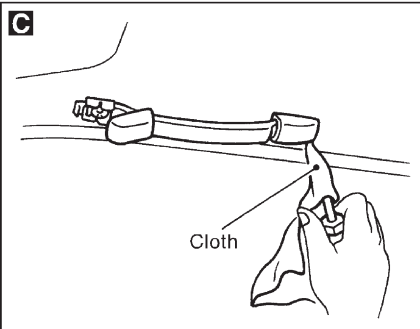
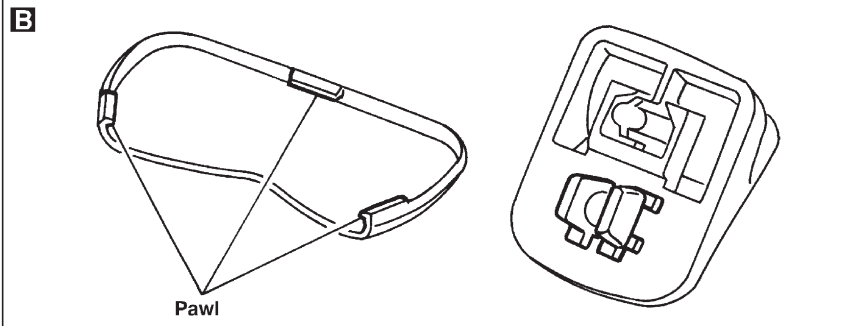
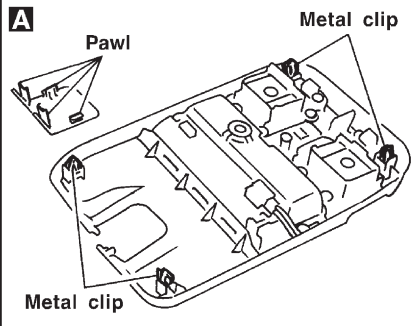
SEC. 264•738•963•964•970



SBT532

INTERIOR TRIM

Roof Trim (Cont'd)



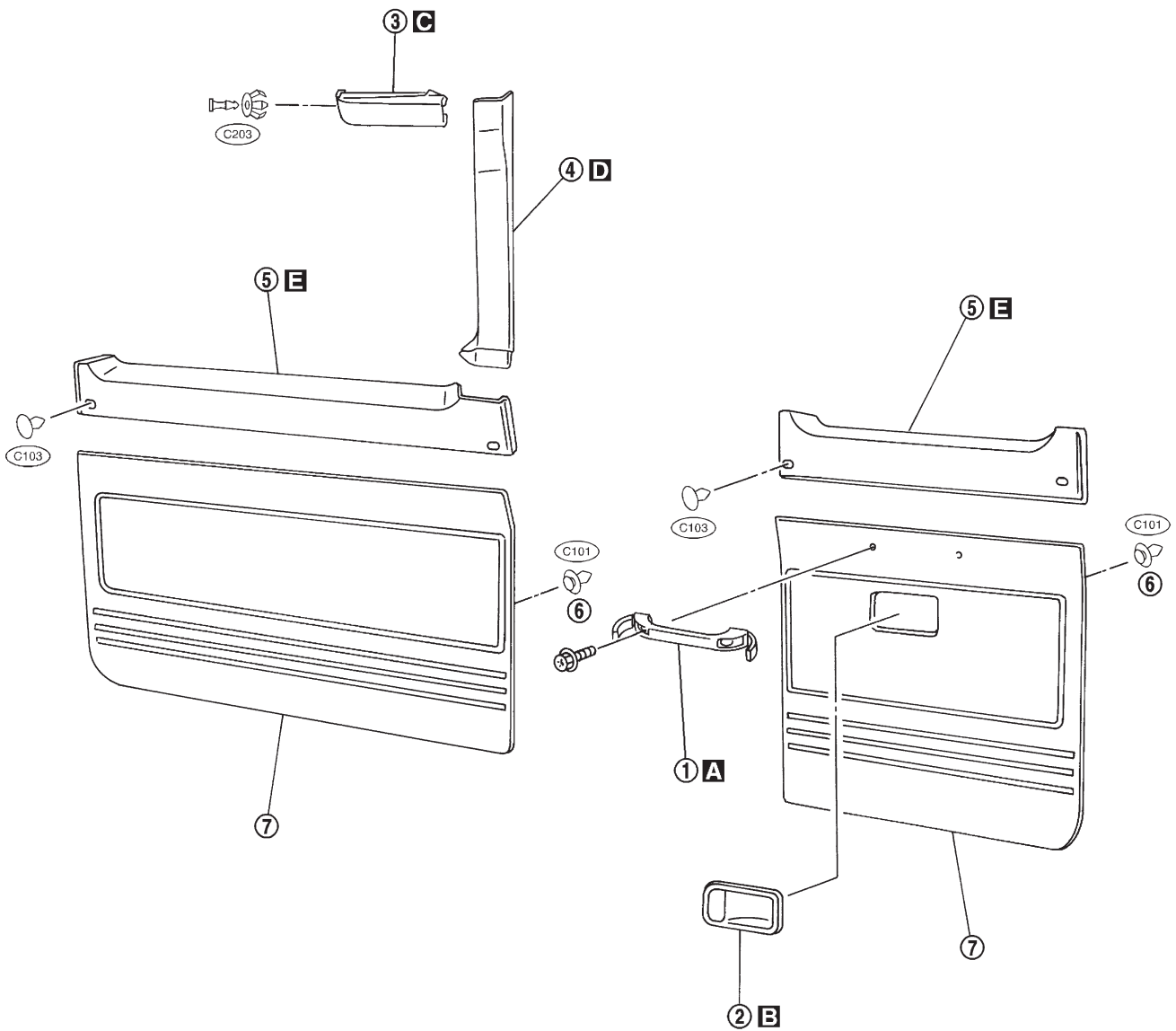
INTERIOR TRIM

Back Door Trim

REMOVAL — Back door trim

- ① Remove bolts securing pull handle (LH only). **A**
- ② Remove inside handle escutcheon (LH only). **B**
- ③ Remove clip securing high-mounted stop lamp cover (RH only). **C**
- ④ Remove back door cover (RH only). **D**
- ⑤ Remove clips securing back door upper garnish. **E**
- ⑥ Remove clips securing back door trim.
- ⑦ Pull out back door trim.

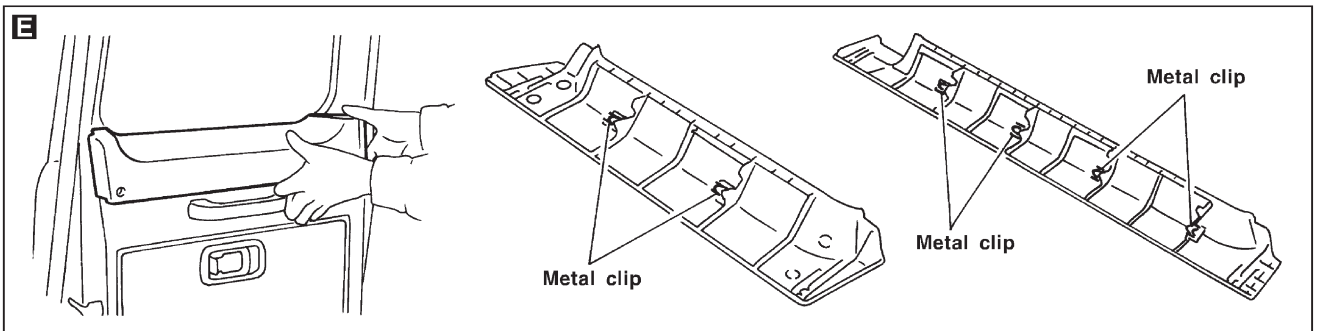
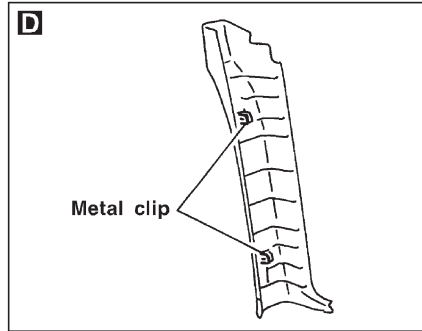
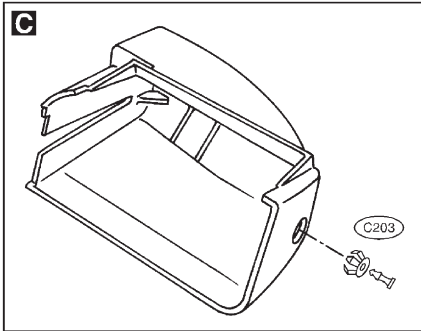
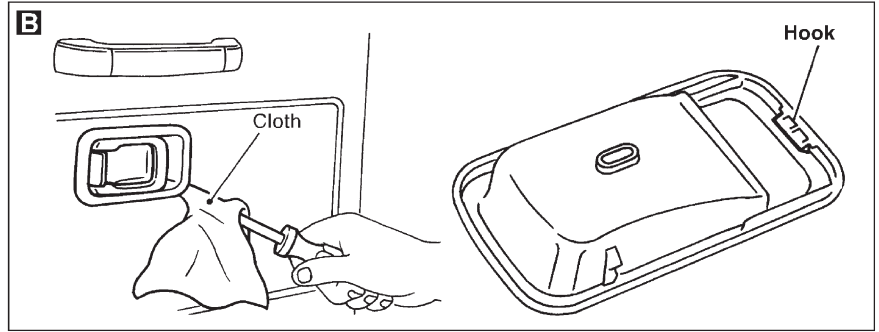
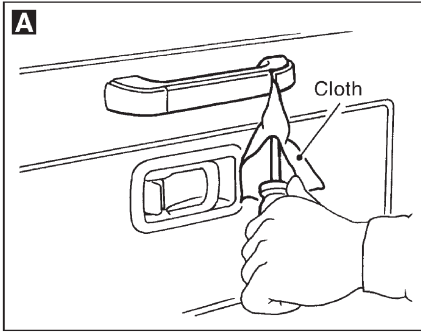
SEC. 909



SBT533

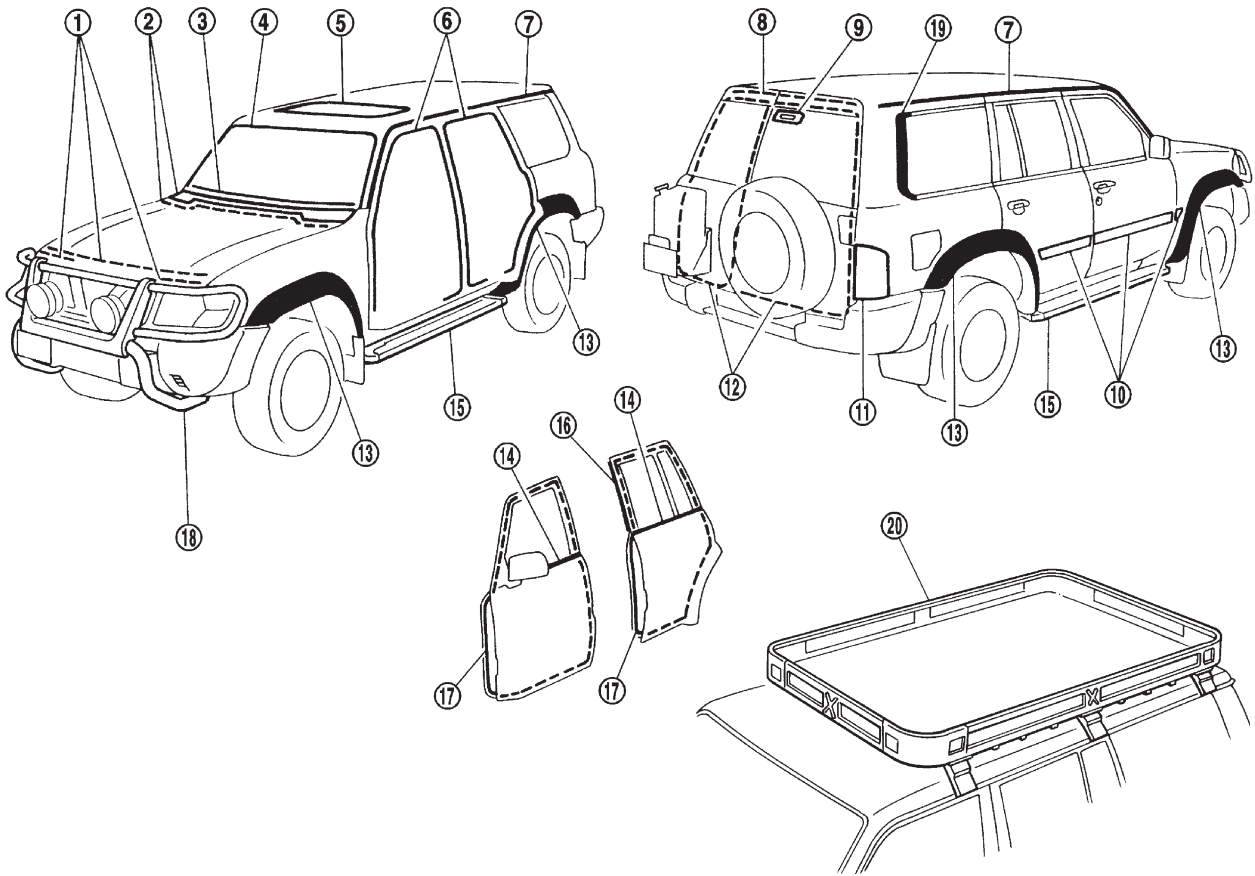
INTERIOR TRIM

Back Door Trim (Cont'd)

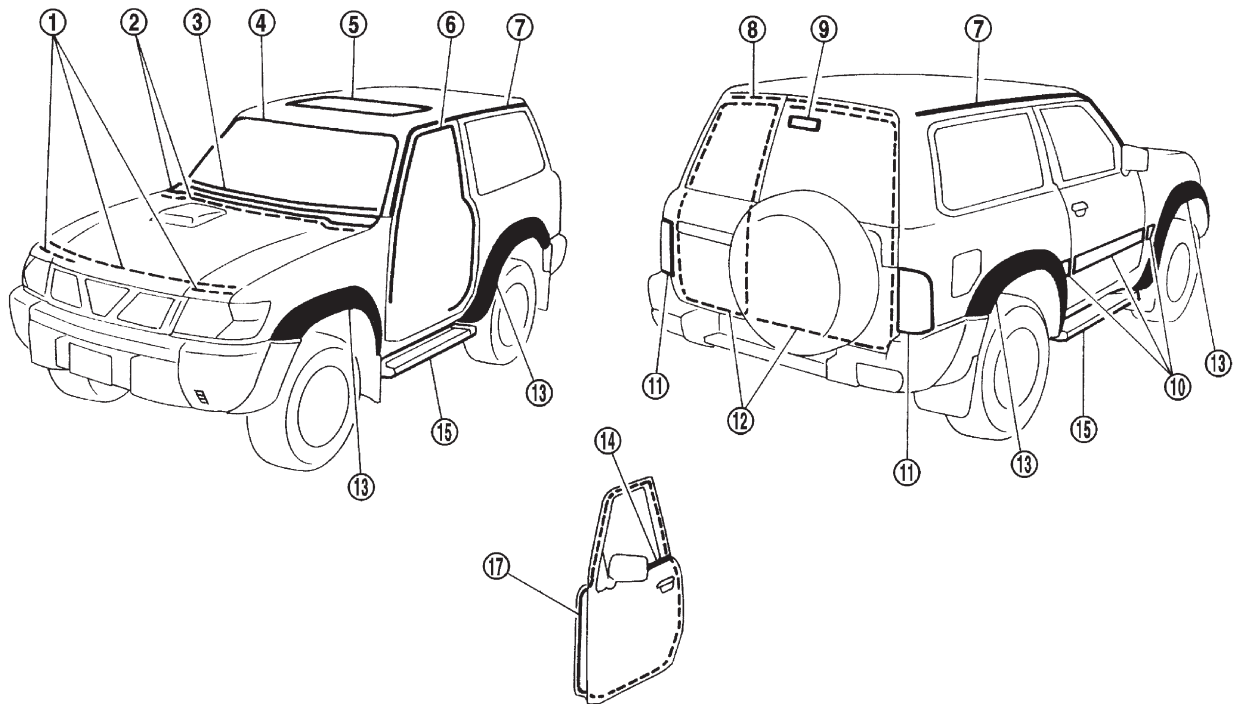


EXTERIOR

Wagon

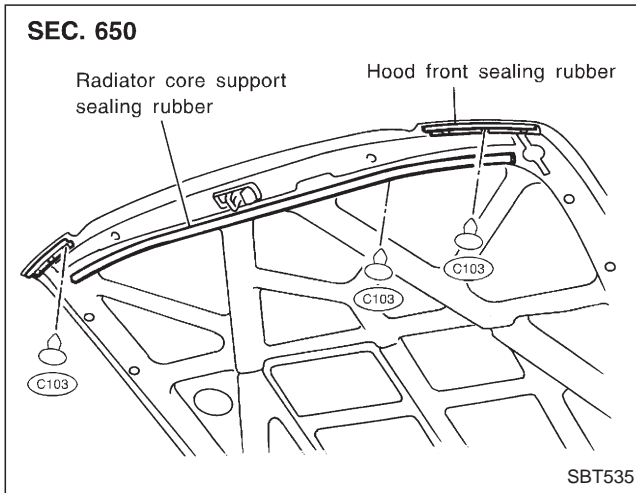


Hardtop

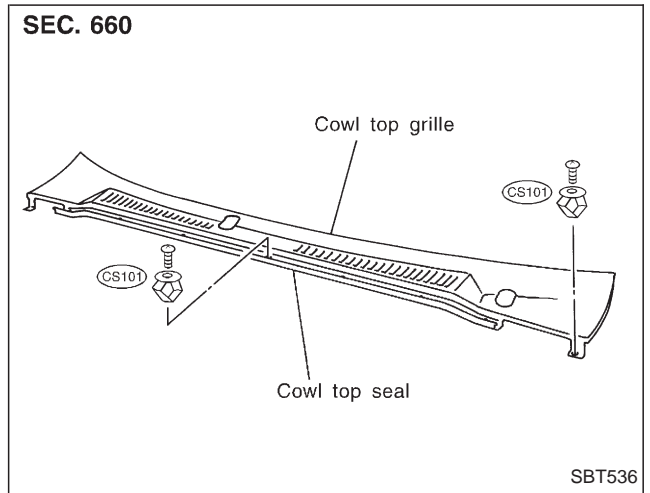


EXTERIOR

① Hood front seal

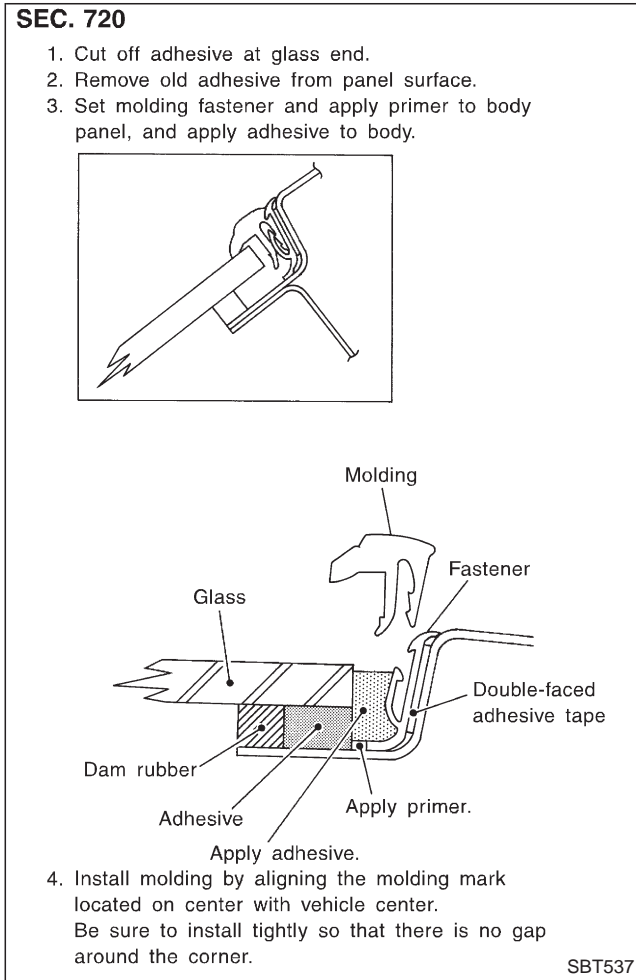


② Cowl top seal and cowl top grille



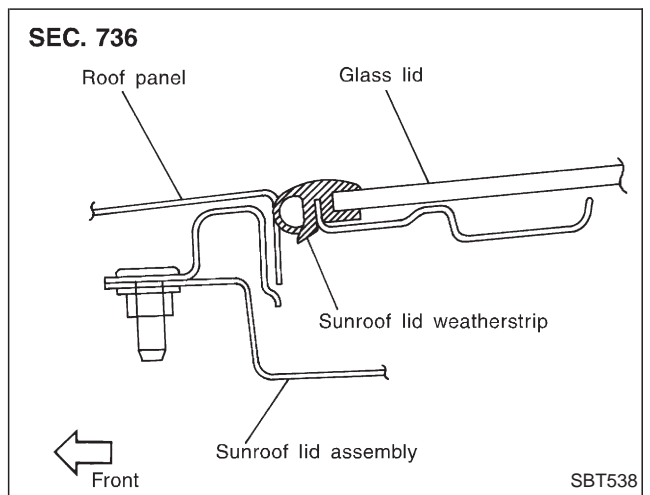
③ ④ Front windshield molding

● Upper and side molding

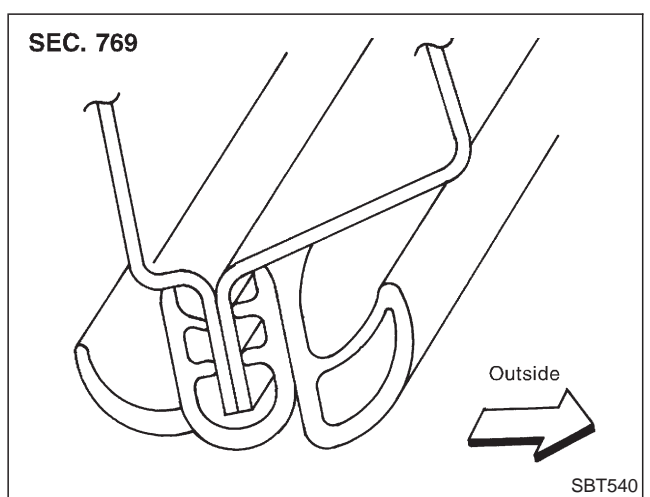


● Lower molding Mounted with screws.

⑤ Sunroof lid weatherstrip

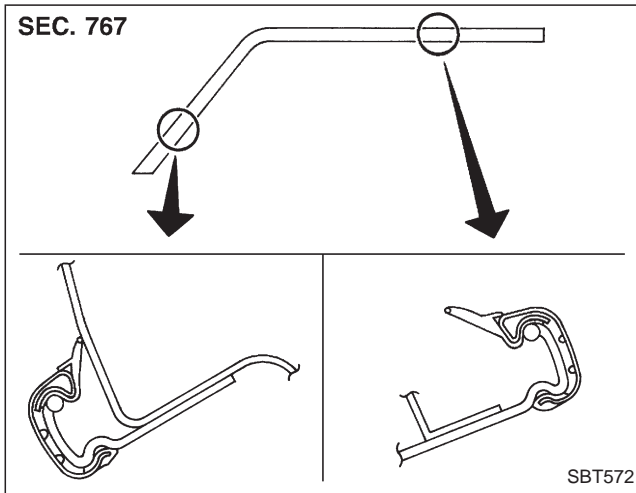


⑥ Body side welt

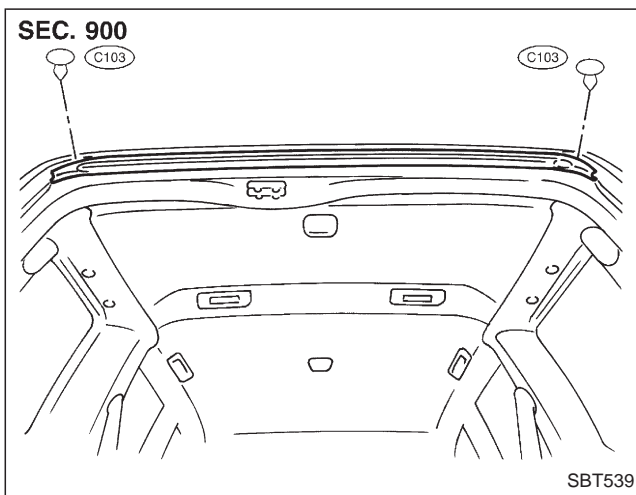


EXTERIOR

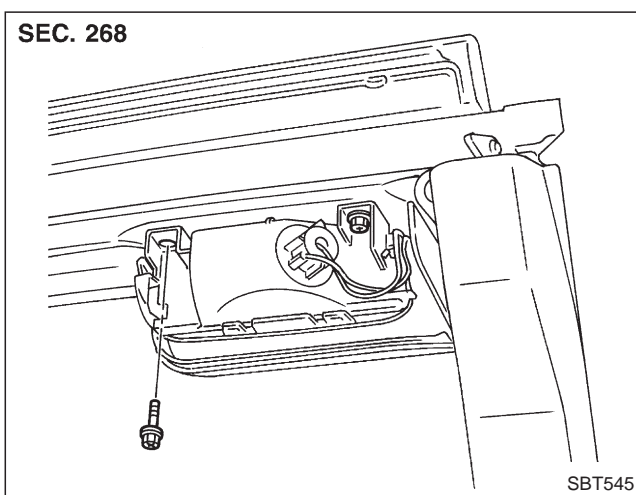
⑦ Drip molding



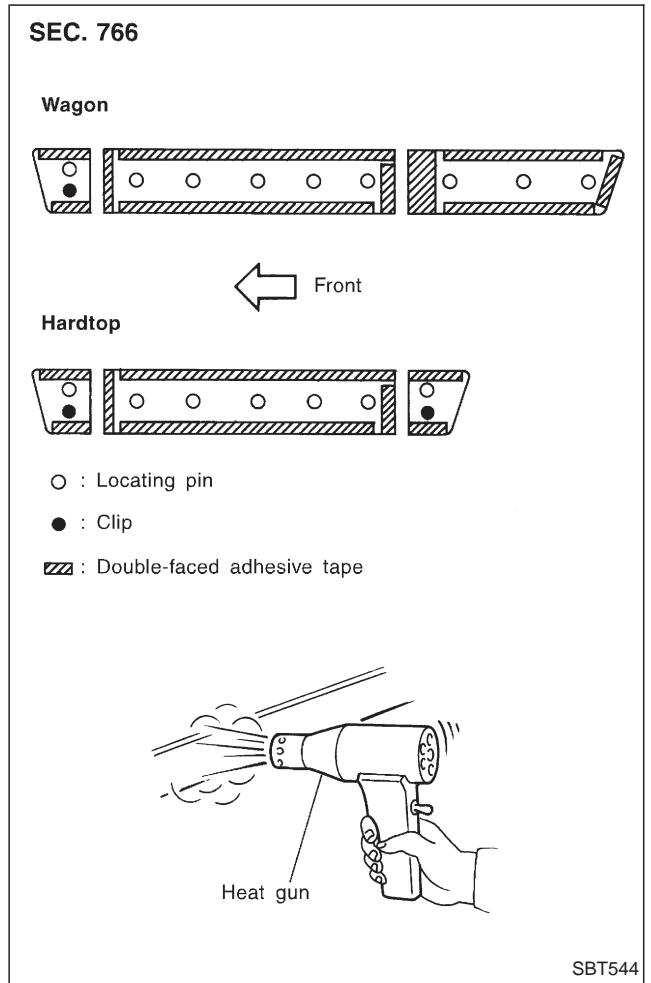
⑧ Drip weatherstrip



⑨ High-mounted stop lamp



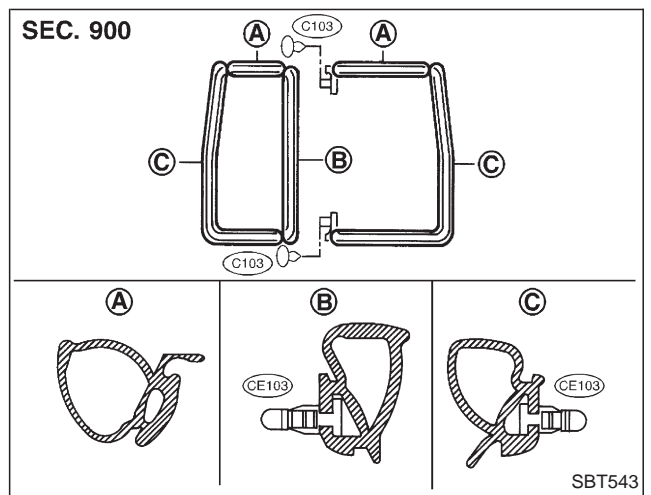
⑩ Side guard molding



⑪ Rear combination lamp

Rear combination lamps are installed with bolts.

⑫ Back door weatherstrip

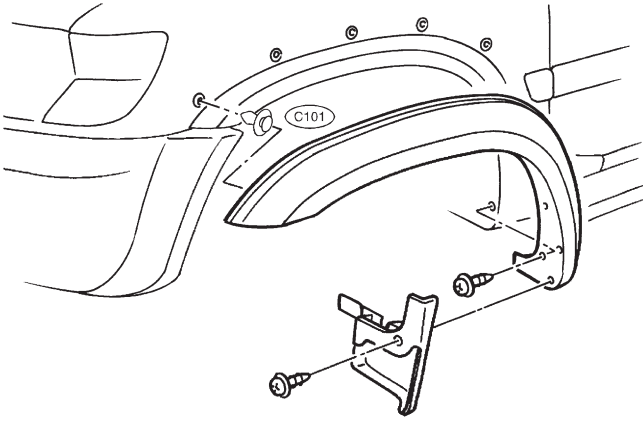


EXTERIOR

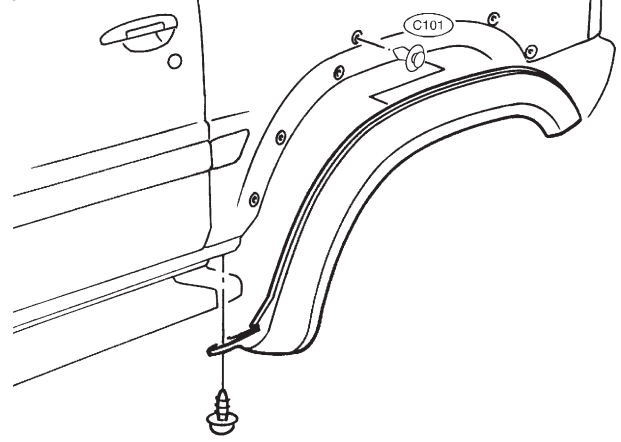
13 Over fender

SEC. 630•780

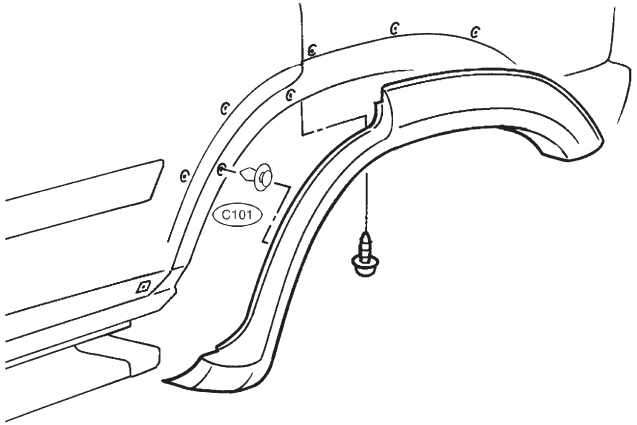
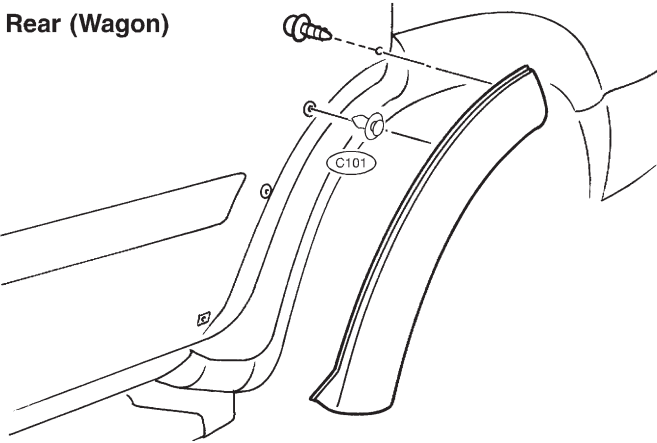
Front



Rear (Hardtop)



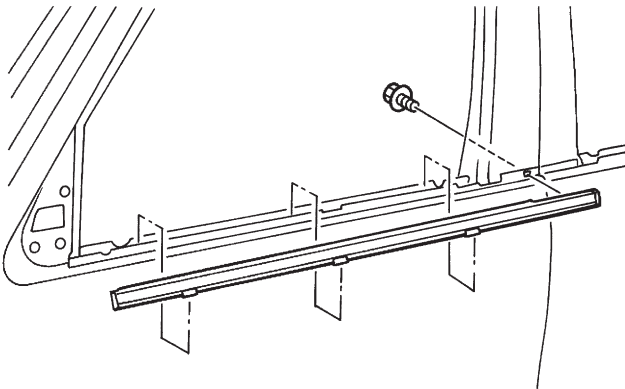
Rear (Wagon)



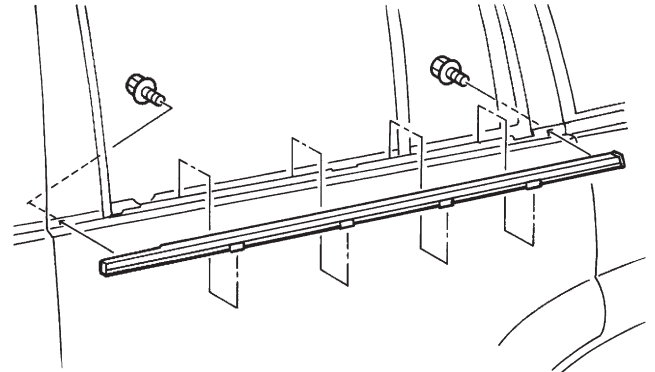
SBT548

14 Door outside molding

SEC. 800
Front door



SEC. 820
Rear door

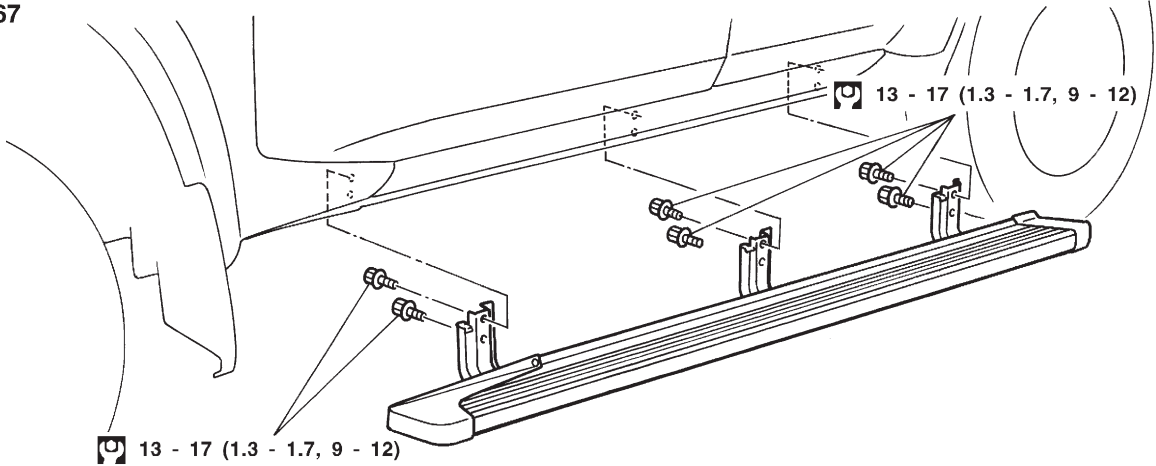


SBT542

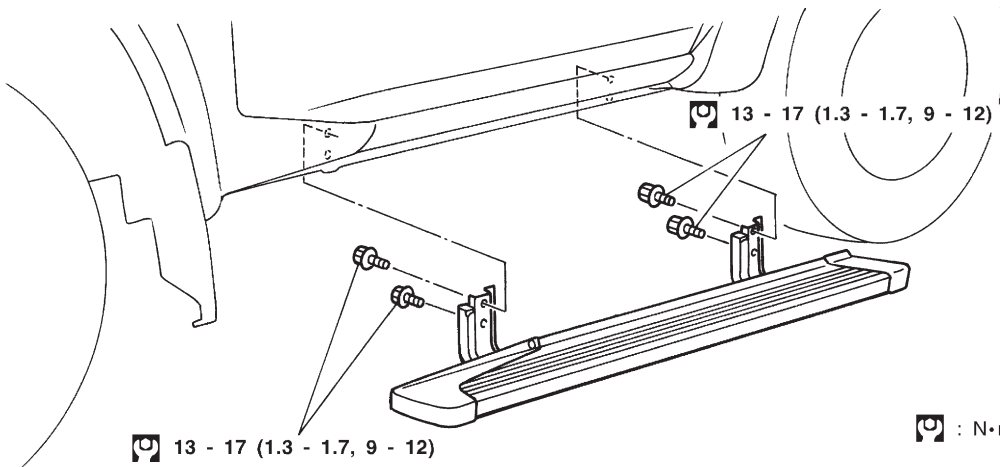
EXTERIOR

15 Side step

SEC. 767
Wagon



SEC. 767
Hardtop

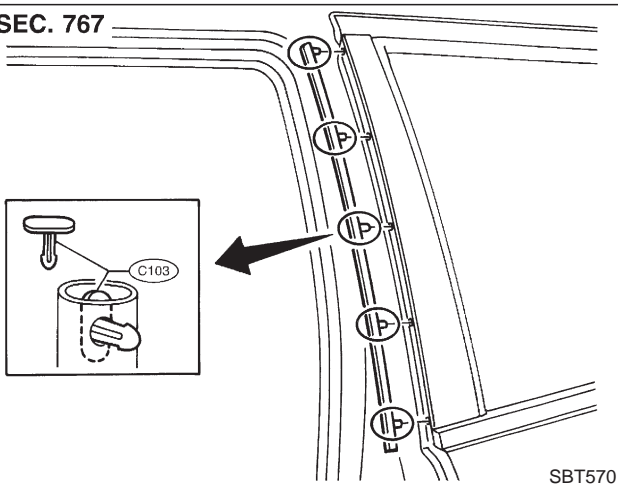


: N·m (kg-m, ft-lb)

SBT546

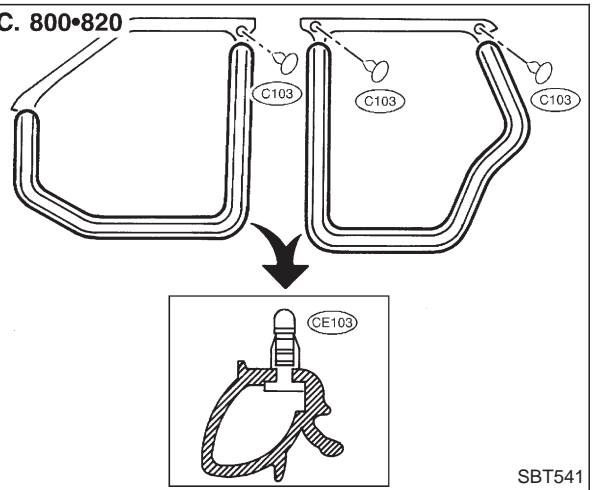
16 Front door parting seal

SEC. 767



17 Door weatherstrip

SEC. 800•820



EXTERIOR

18 Front grille guard

SEC. 620

5.1 - 6.5
(0.52 - 0.66, 45.1 - 57.3)

77 - 98 (7.9 - 10.0, 57 - 72)

⊗ : N·m (kg-m, in-lb)
⊙ : N·m (kg-m, ft-lb)

SBT549

19 Air outlet grille

SEC. 797

Hook

Hook

SBT547

20 Roof rack

Upper

Front

Ⓐ : Wagon 300 (11.81)
Hardtop 170 (6.69)
Distance from end of drip molding
to the center of the fixed support

Unit: mm (in)

SBT574

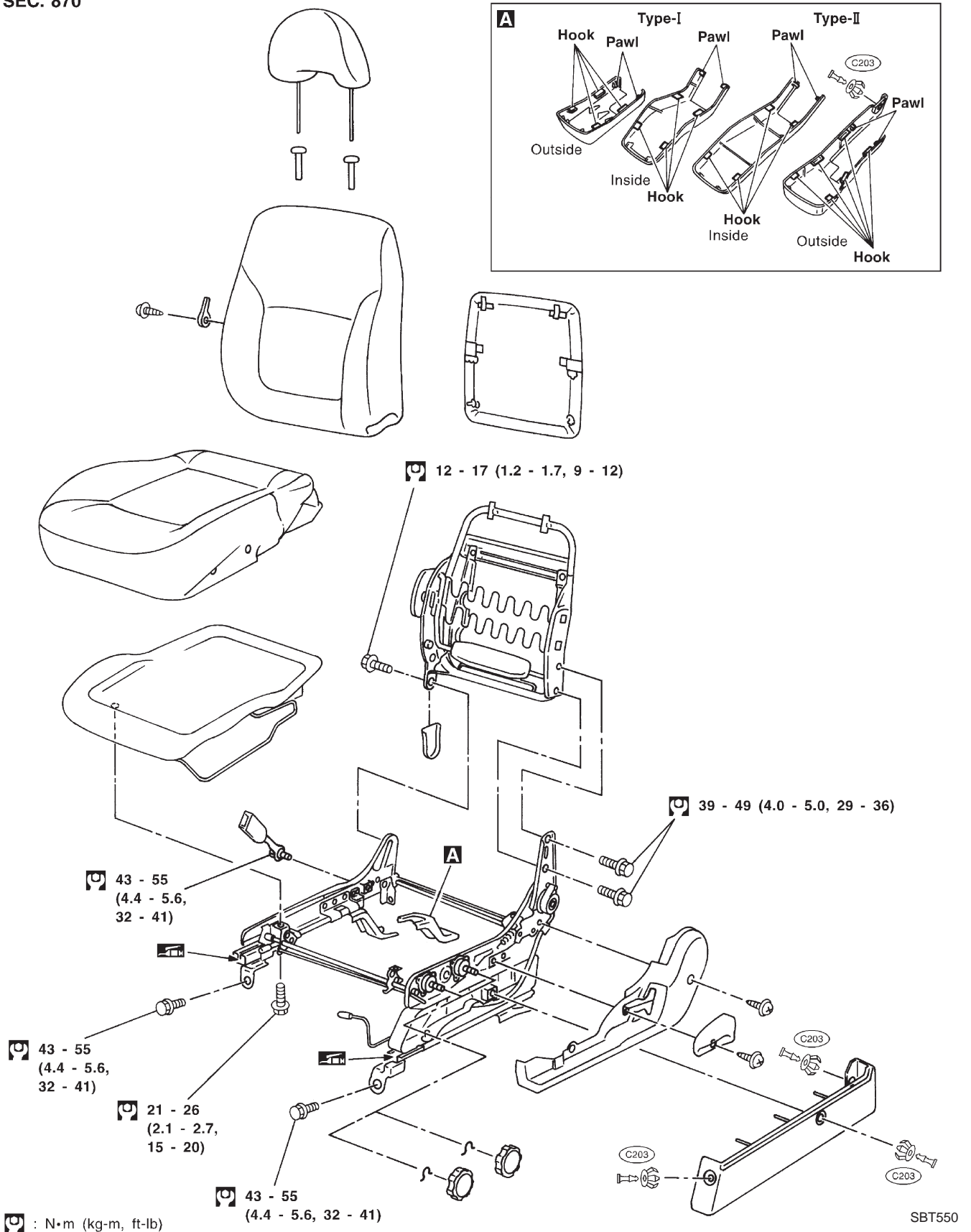
SEAT

Front Seat

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

MANUAL SEAT

SEC. 870



BT-32

SBT550

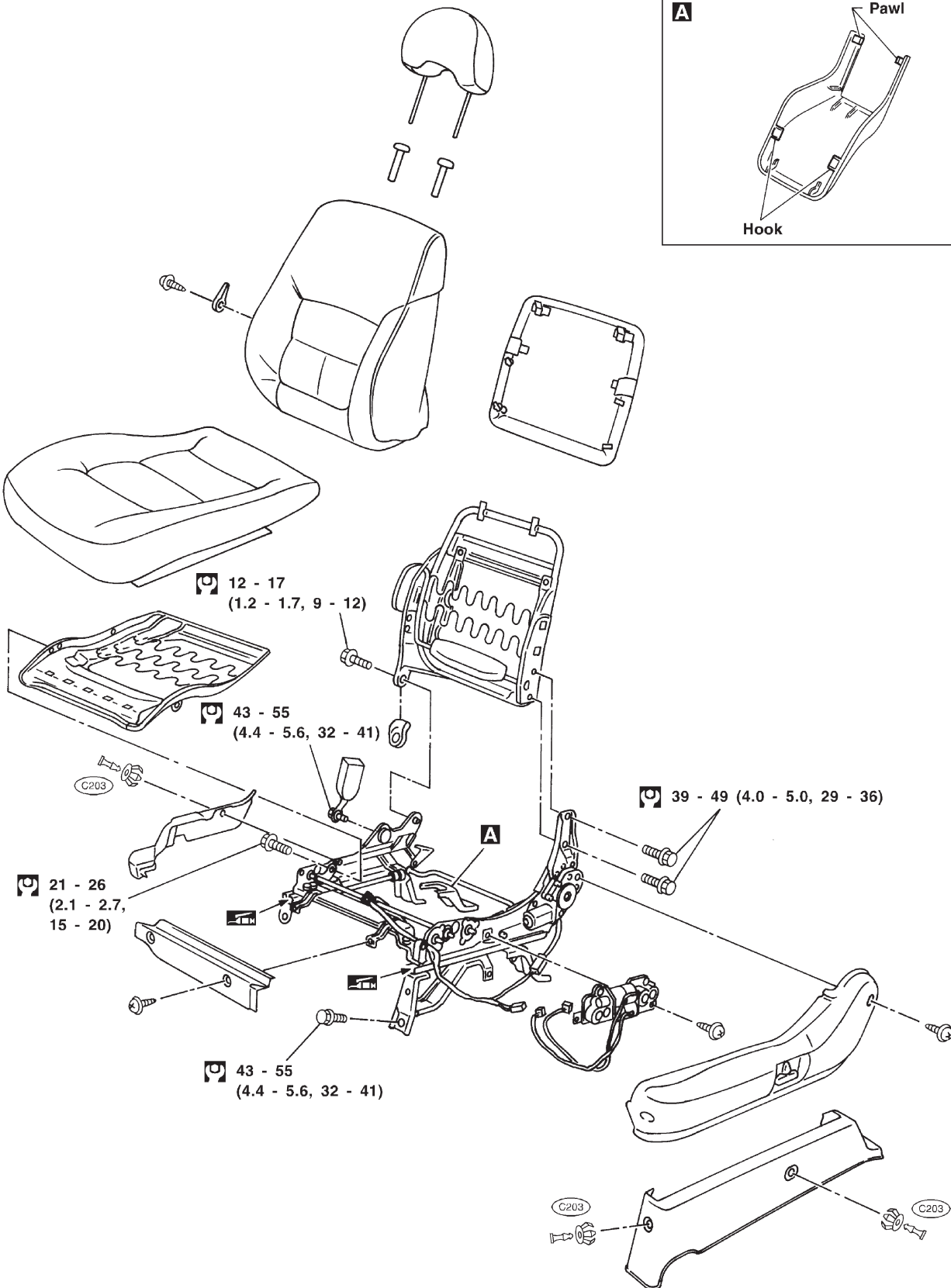
SEAT

Front Seat (Cont'd)

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

POWER SEAT

SEC. 870



: N•m (kg-m, ft-lb)

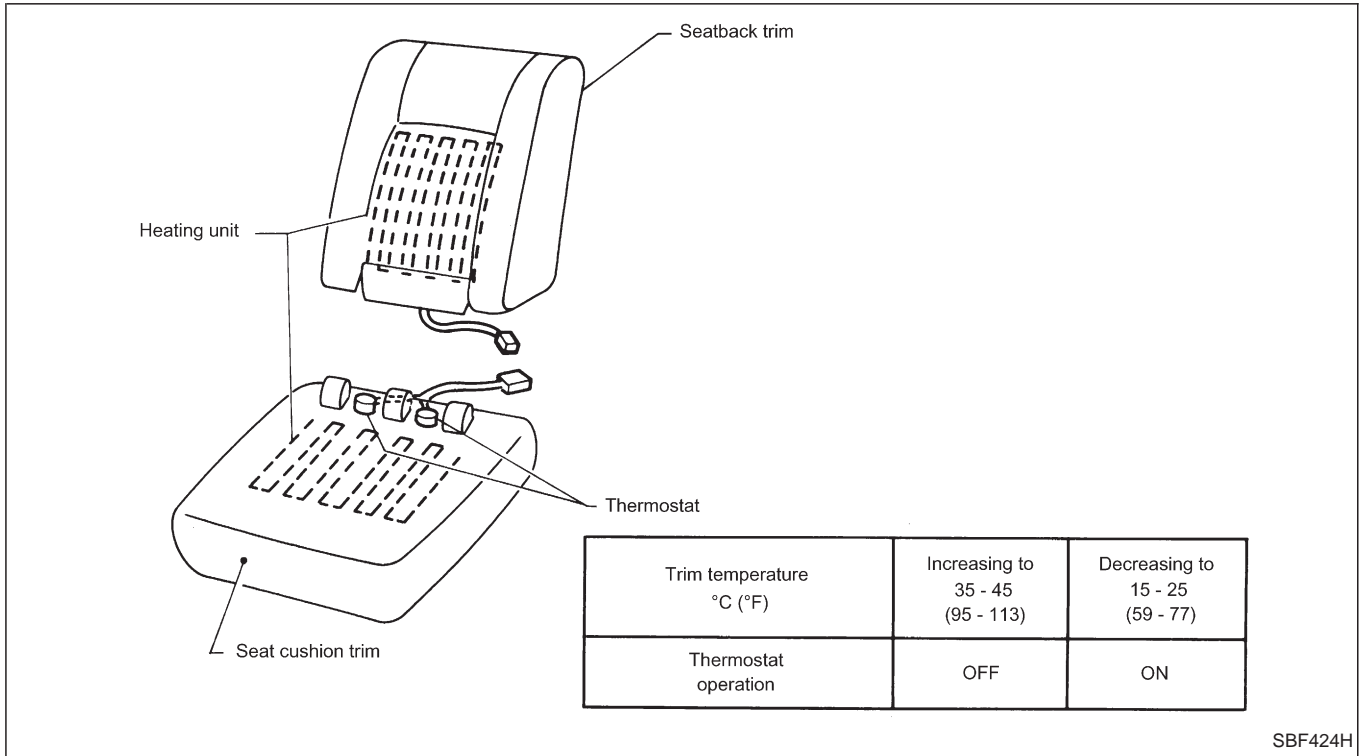
SBT567

SEAT

Heated Seat

- When handling seat, be extremely careful not to scratch heating unit.
- To replace heating unit, seat trim and pad should be separated.
- Do not use any organic solvent, such as thinner, benzene, alcohol, gasoline, etc. to clean trims.

Seatback heating unit removal & installation



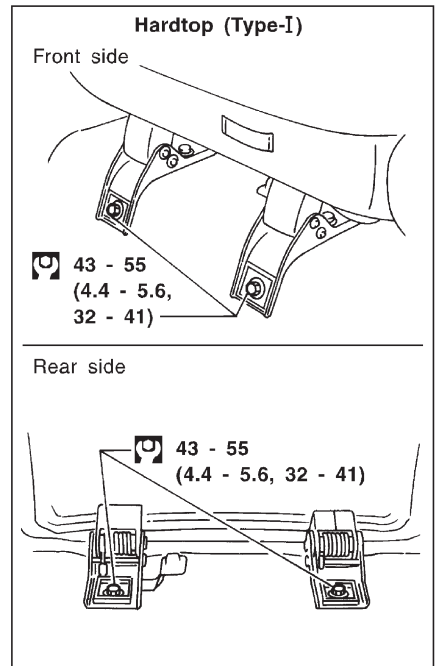
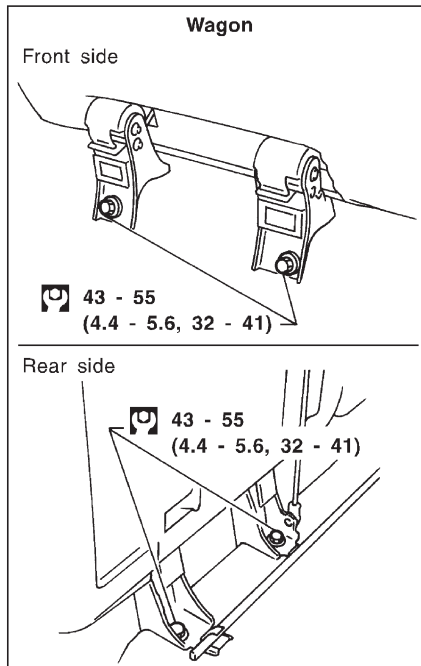
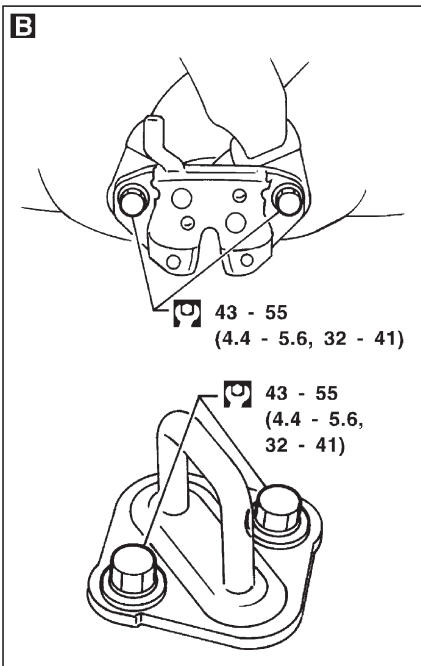
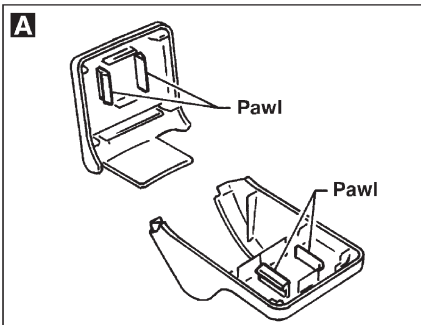
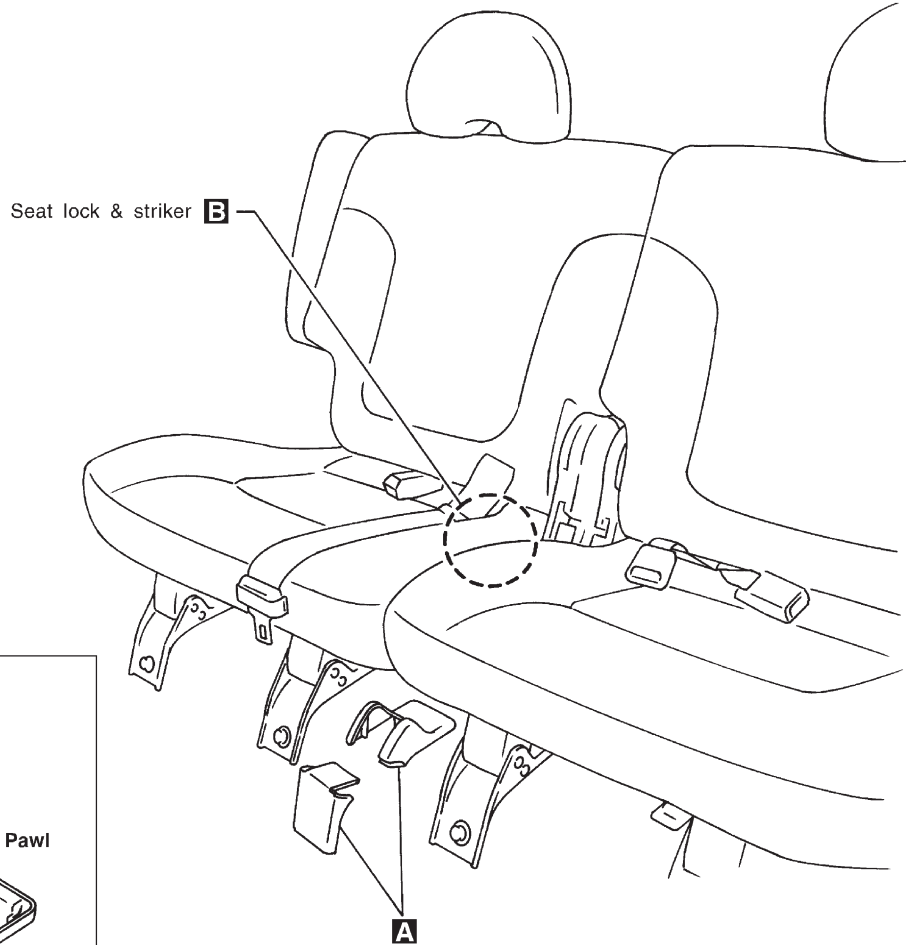
★ For Wiring Diagram, refer to “HEATED SEAT” in EL section.


SEAT

Rear Seat

WAGON & HARDTOP (Type-I)

SEC. 870



 : N·m (kg-m, ft-lb)

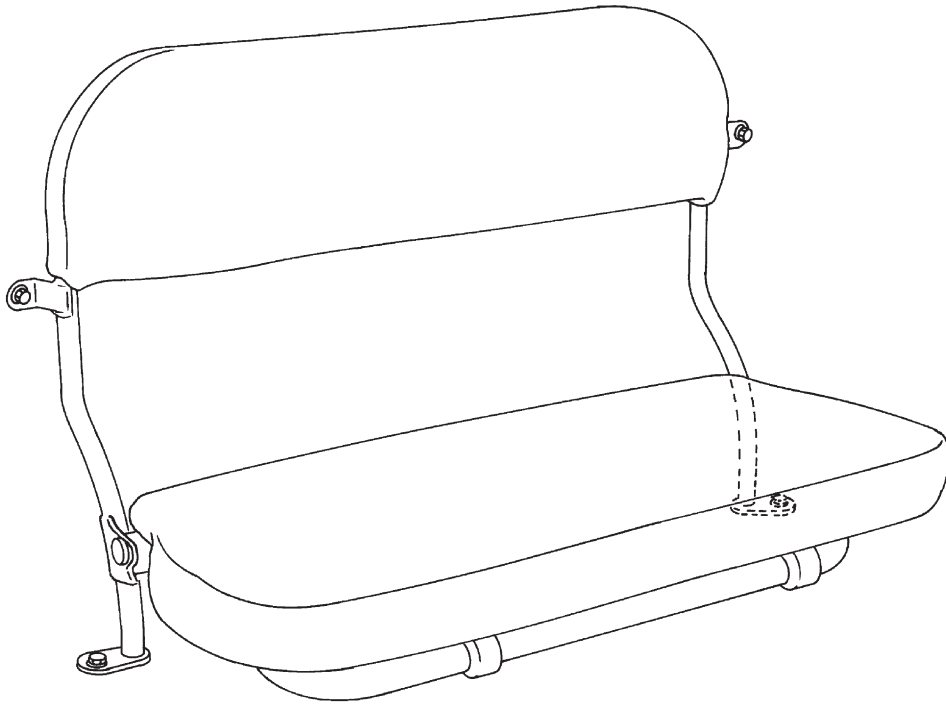
SBT551


SEAT

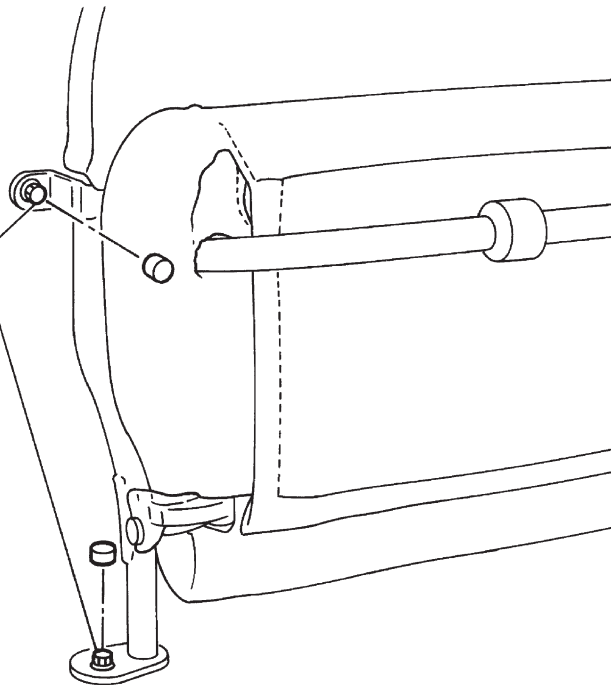
Rear Seat (Cont'd)

HARDTOP (Type-II)

SEC. 870



 21 - 26 N·m
(2.1 - 2.7 kg-m, 15 - 20 ft-lb)



BT-36

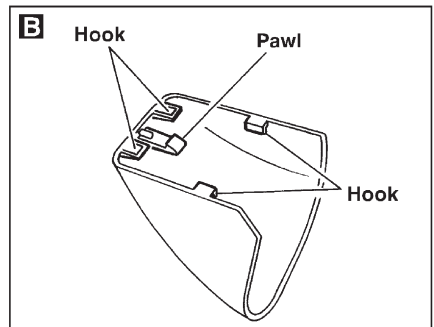
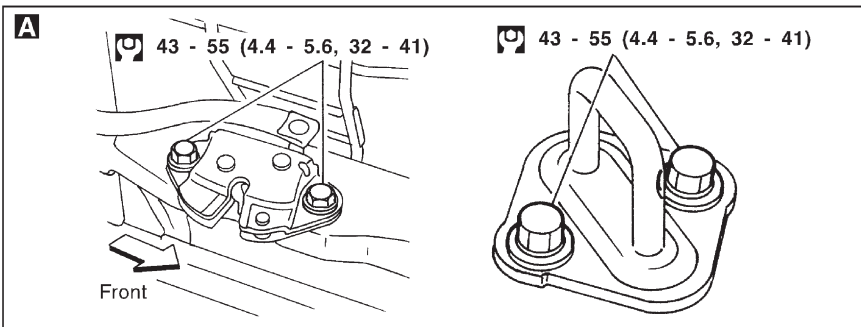
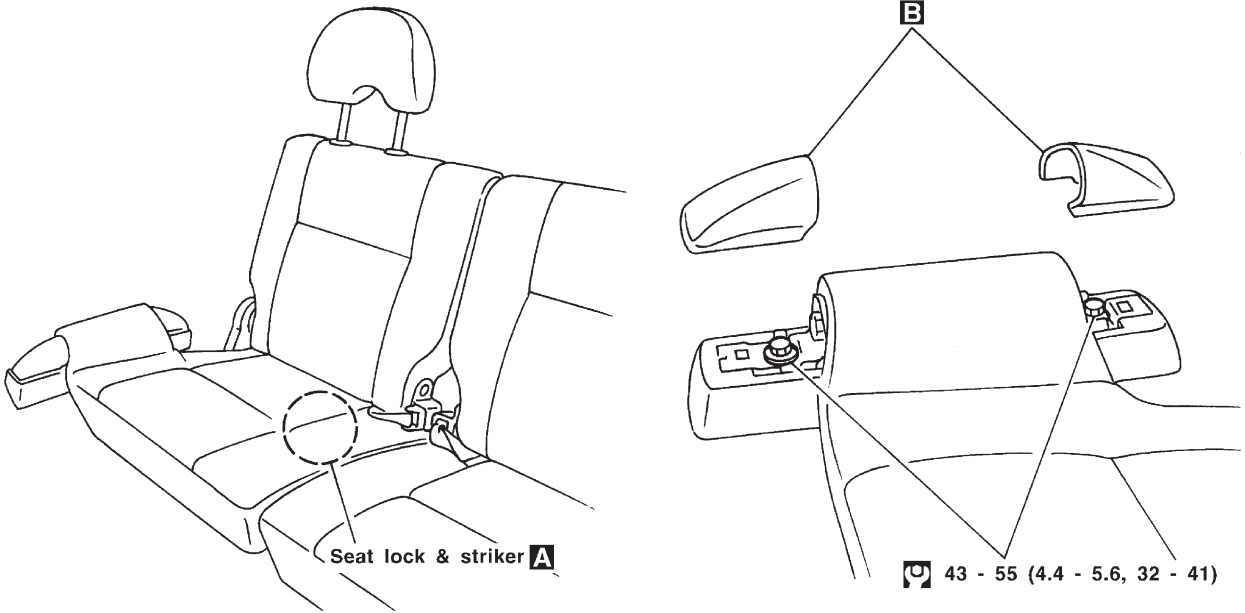
SBT552


SEAT

3rd Seat

TYPE I

SEC. 870

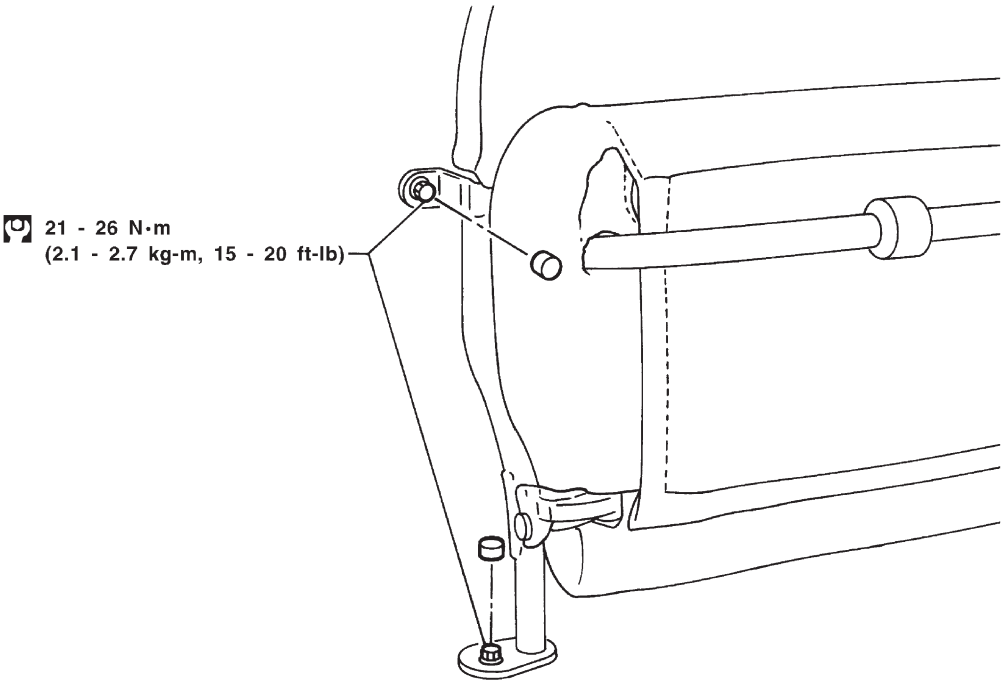
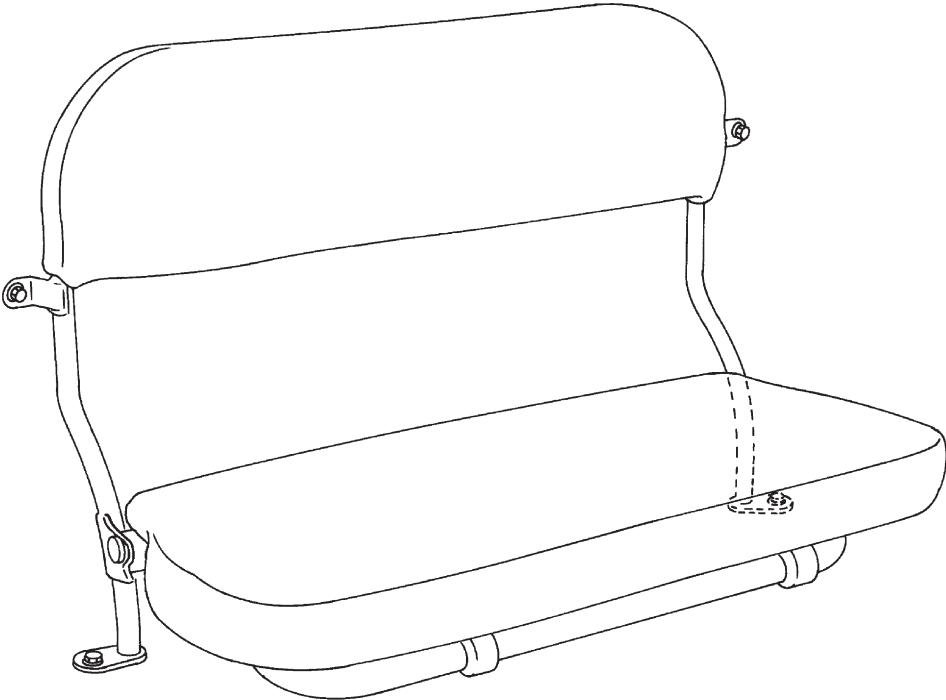


 : N·m (kg-m, ft-lb)

SEAT
3rd Seat (Cont'd)

TYPE II

SEC. 870

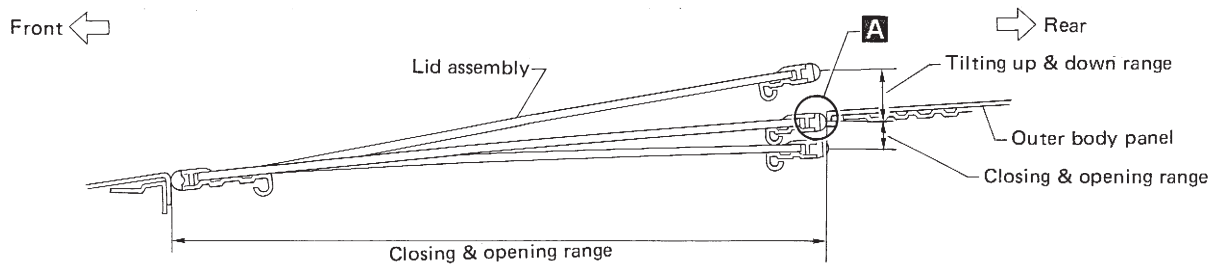


SUNROOF

ADJUSTMENT

Install motor & limit SW assembly and sunroof rail assembly in the following sequence:

1. Arrange equal lengths of link and wire assemblies on both sides of sunroof opening.
2. Connect sunroof connector to sunroof switch and positive (+) power supply.
3. Set lid assembly to fully closed position **A** by operating OPEN switch and TILT switch.
4. Fit outer side of lid assembly to the surface of roof on body outer panel.
5. Remove motor, and keep OPEN switch pressed until motor pinion gear reaches the end of its rotating range.
6. Install motor.
7. Check that motor drive gear fits properly in wires.
8. Press TILT-UP switch to check lid assembly for normal tilting.
9. Check sunroof lid assembly for normal operations (tilt-up, tilt-down, open, and close).



SBF920F

SUNROOF

REMOVAL

- After any adjustment, check sunroof operation and lid alignment.
- Handle finisher plate and glass lid with care so as not to cause damage.
- It is desirable for easy installation to mark each point before removal.

CAUTION:

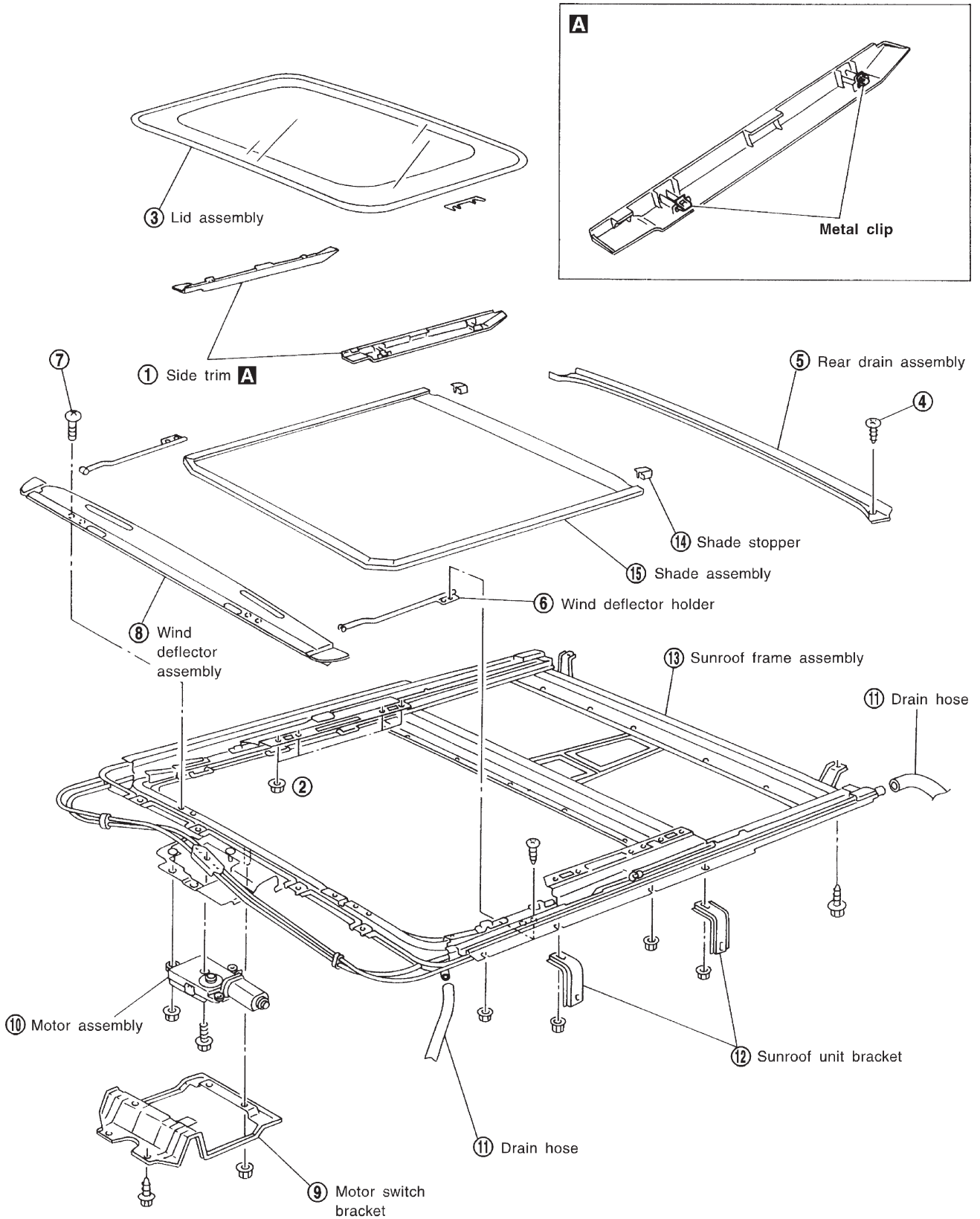
Always work with a helper.

Shade assembly	Sunroof frame assembly	Wind deflector assembly	Lid assembly	Motor assembly
Tilt glass lid up.				
① Side trim				A
② Sunroof lid mounting nuts				
③ Lid assembly				
④ Rear drain mounting screws				
⑤ Rear drain assembly				
Use the sunroof switch to tilt the glass lid downward and slide it about 300 mm (11.81 in) backward.				
⑥ Wind deflector holder				
⑦ Wind deflector mounting screws				
⑧ Wind deflector assembly				
Sunroof switch/interior accessories/headlining ● For details, refer to "Roof Trim" in "INTERIOR TRIM", BT-20.				
⑨ Motor switch bracket				
⑩ Motor assembly				
⑪ Drain hoses				
⑫ Sunroof unit bracket				
⑬ Sunroof frame assembly				
⑭ Shade stopper				
⑮ Shade assembly				

SUNROOF

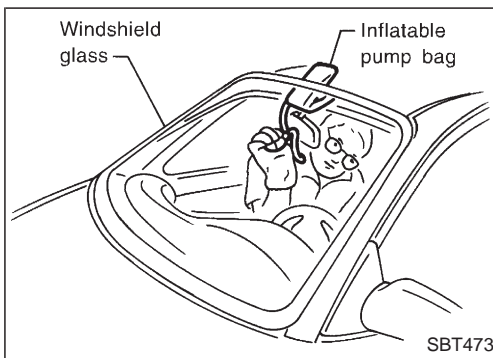
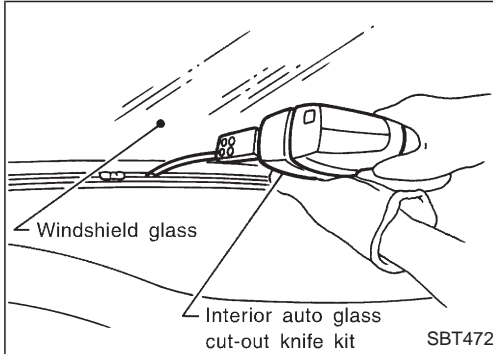
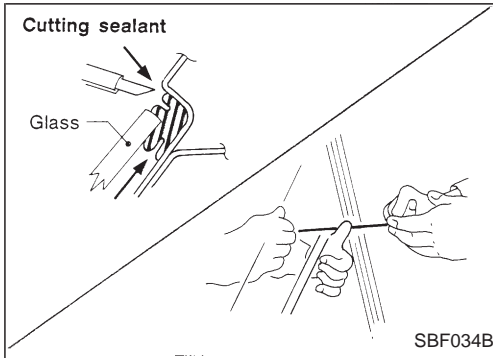
★ For Wiring Diagram, refer to "ELECTRIC SUNROOF" in EL section.

SEC. 736



SBT555

WINDSHIELD AND WINDOWS



REMOVAL

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

WARNING:

When cutting the glass from the vehicle, always wear safety glasses and heavy gloves to help prevent glass splinters from entering your eyes or cutting your hands.

CAUTION:

- Be careful not to scratch the glass when removing.
- Do not set or stand the glass on its edge. Small chips may develop into cracks.

INSTALLATION

- Use a genuine Nissan Urethane Adhesive Kit or equivalent and follow the instructions furnished with it.
- While the urethane adhesive is curing, open a door window. This will prevent the glass from being forced out by passenger compartment air pressure when a door is closed.
- The molding must be installed securely so that it is in position and leaves no gap.
- Inform the customer that the vehicle should remain stationary until the urethane adhesive has completely cured (preferably 24 hours). Curing time varies with temperature and humidity.

WARNING:

- Keep heat and open flames away as primers and adhesive are flammable.
- The materials contained in the kit are harmful if swallowed, and may irritate skin and eyes. Avoid contact with the skin and eyes.
- Use in an open, well ventilated location. Avoid breathing the vapors. They can be harmful if inhaled. If affected by vapor inhalation, immediately move to an area with fresh air.
- Driving the vehicle before the urethane adhesive has completely cured may affect the performance of the windshield in case of an accident.

CAUTION:

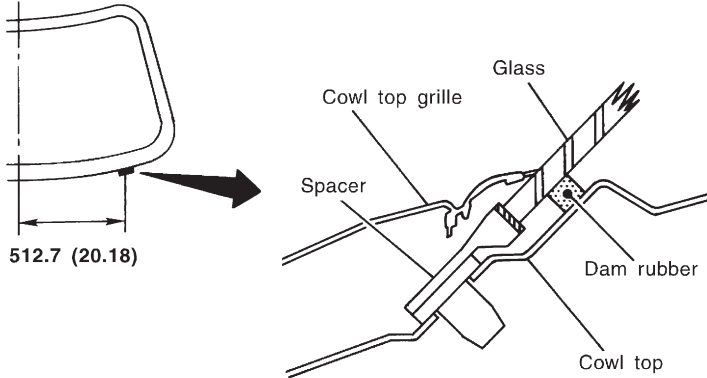
- Do not use an adhesive which is past its usable term. Shelf life of this product is limited to six months after the date of manufacture. Carefully adhere to the expiration or manufacture date printed on the box.
- Keep primers and adhesive in a cool, dry place. Ideally, they should be stored in a refrigerator.
- Do not leave primers or adhesive cartridge unattended with their caps open or off.
- The vehicle should not be driven for at least 24 hours or until the urethane adhesive has completely cured. Curing time varies depending on temperature and humidities. The curing time will increase under higher temperatures and lower humidities.

WINDSHIELD AND WINDOWS

Windshield

Body side
Install spacer to panel.

Windshield



Glass side

Install dam rubber.

Windshield

8 (0.31)

8 (0.31)

8 (0.31)

Joint portion

Dam rubber

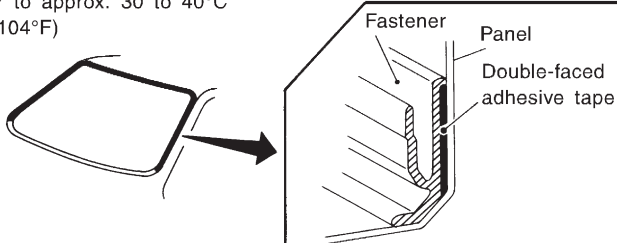
Glass

8 (0.31)

Install molding fastener.

When installing it, heat body panel and fastener to approx. 30 to 40°C (86 to 104°F)

Upper & side molding fasteners



Apply sealant evenly.

Windshield and rear window

7 - 9 (0.28 - 0.35)

12 - 14

(0.47 - 0.55)

Dam rubber

Glass

Unit: mm (in)

SBT556

REPAIRING WATER LEAKS FOR WINDSHIELD

Leaks can be repaired without removing and reinstalling glass.

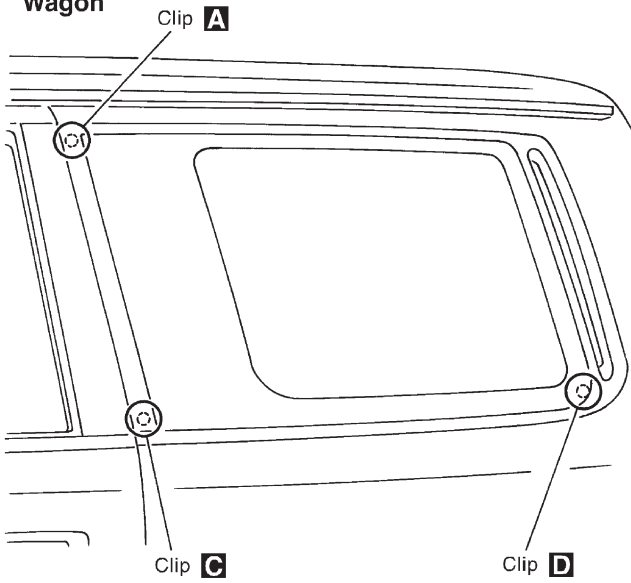
If water is leaking between caulking material and body or glass, determine the extent of leakage. This can be determined by applying water while pushing glass outward.

To stop the leak, apply primer and then sealant to the leak point.

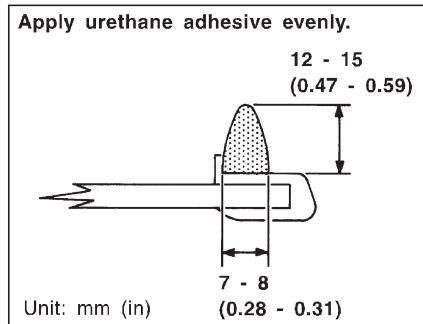
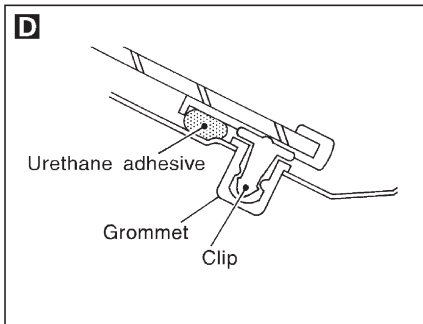
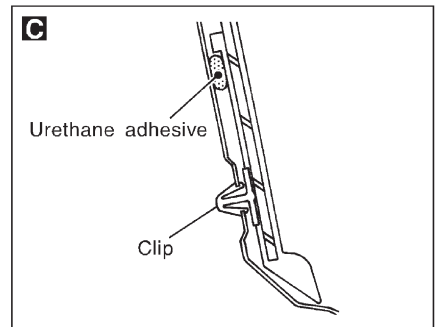
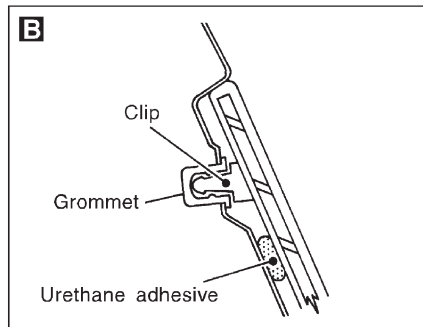
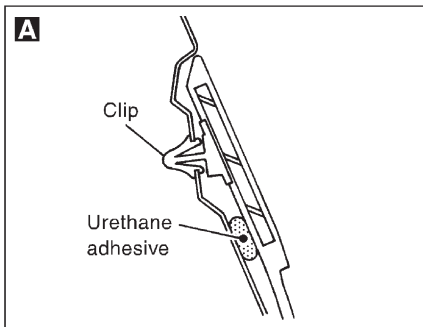
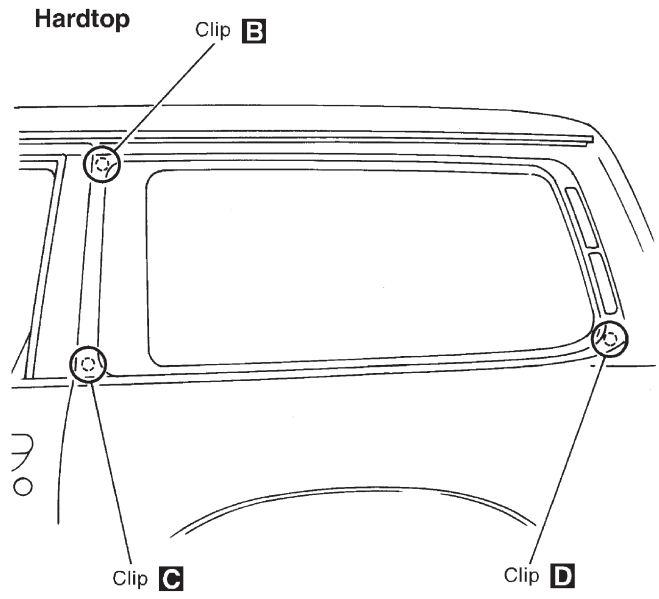
WINDSHIELD AND WINDOWS

Rear Side Window

SEC. 830
Wagon



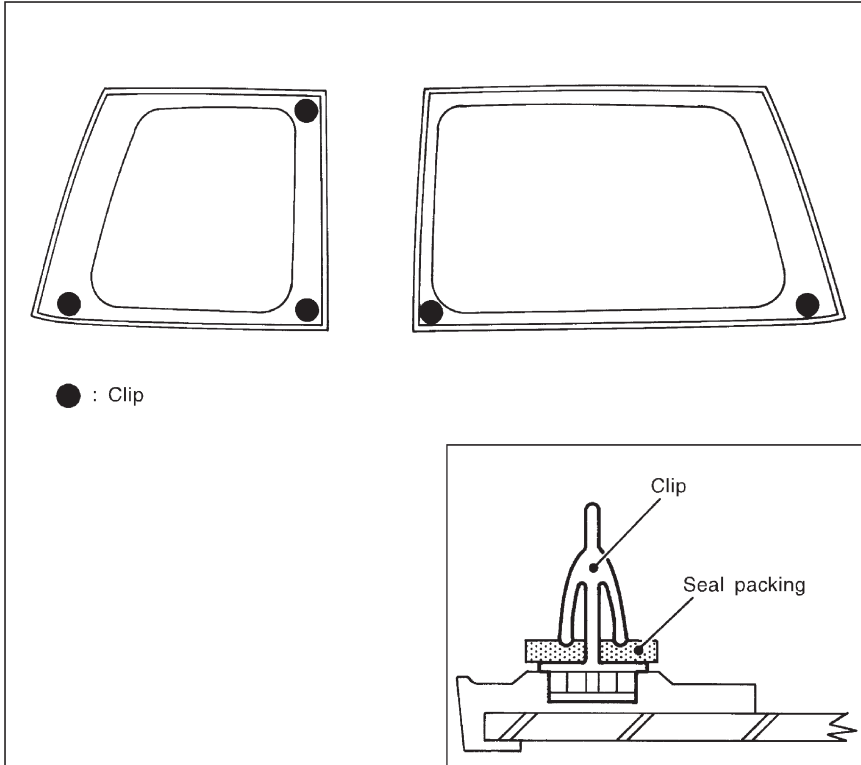
Hardtop



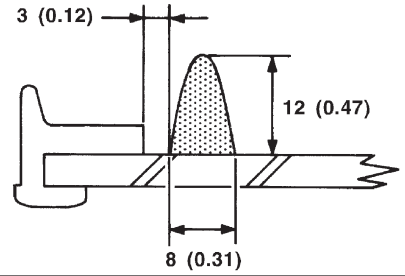
WINDSHIELD AND WINDOWS

Back Door Window

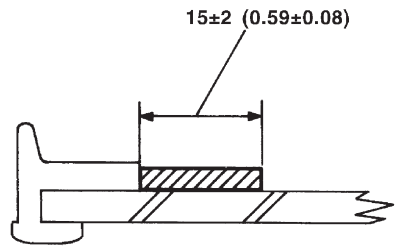
SEC. 900



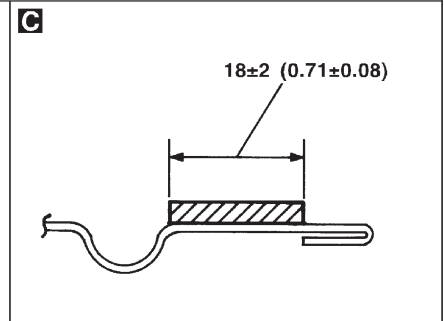
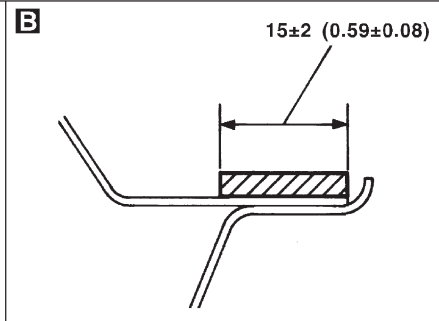
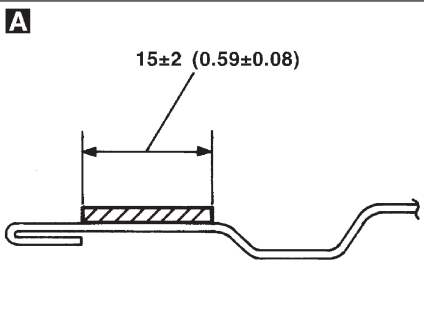
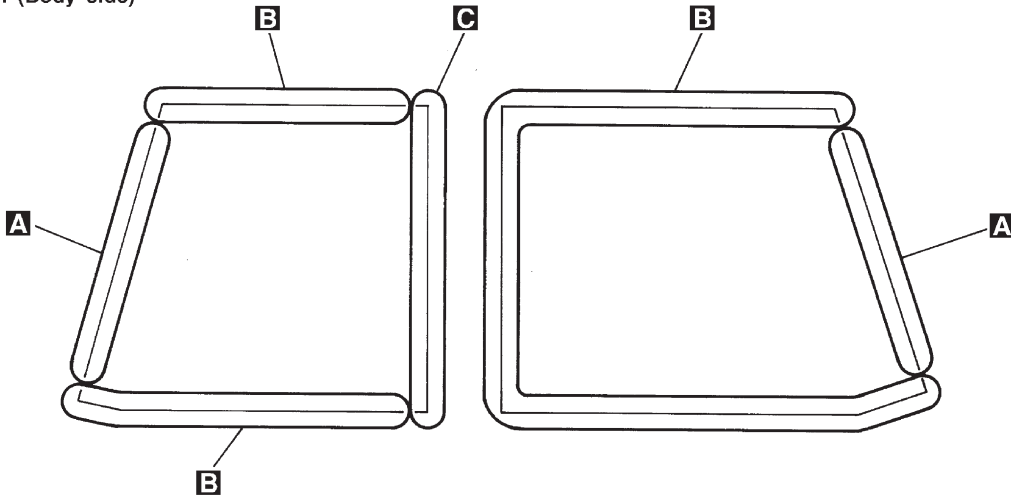
Apply urethane adhesive evenly.



Primer portion (Glass side)



Primer portion (Body side)



Unit: mm (in)

SBT558

BT-45

MIRROR

Door Mirror

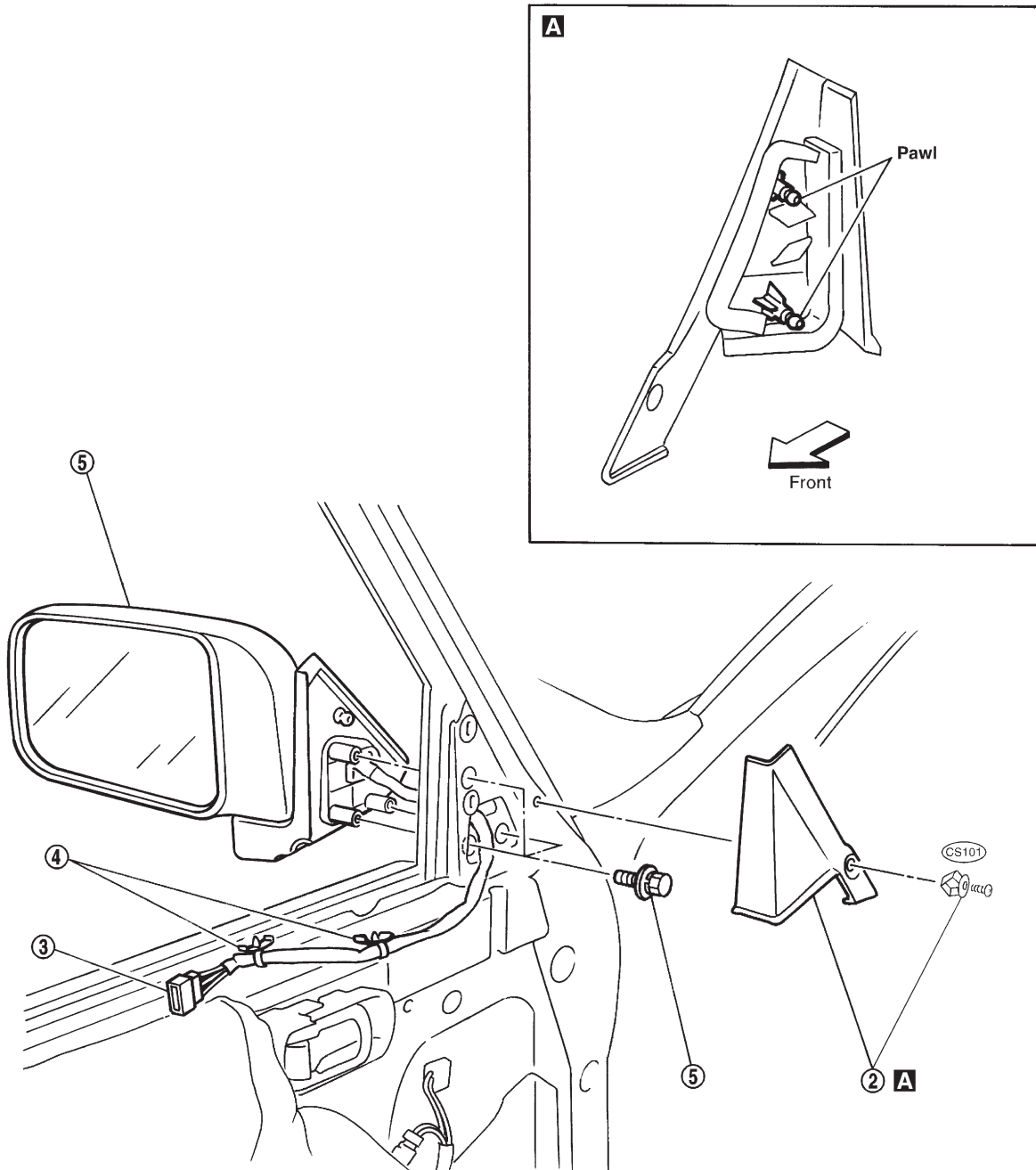
CAUTION:

Be careful not to scratch door rearview mirror body.

★ For Wiring Diagram, refer to “POWER DOOR MIRROR” in EL section.

REMOVAL — Door mirror

- ① Remove door trim. Refer to “Door Trim” for details, BT-18.
- ② Remove clip securing inner cover, then remove inner cover.
- ③ Roll back sealing screen and remove door mirror harness connector.
- ④ Remove door mirror harness clip.
- ⑤ Remove bolts securing door mirror, then remove door mirror assembly.



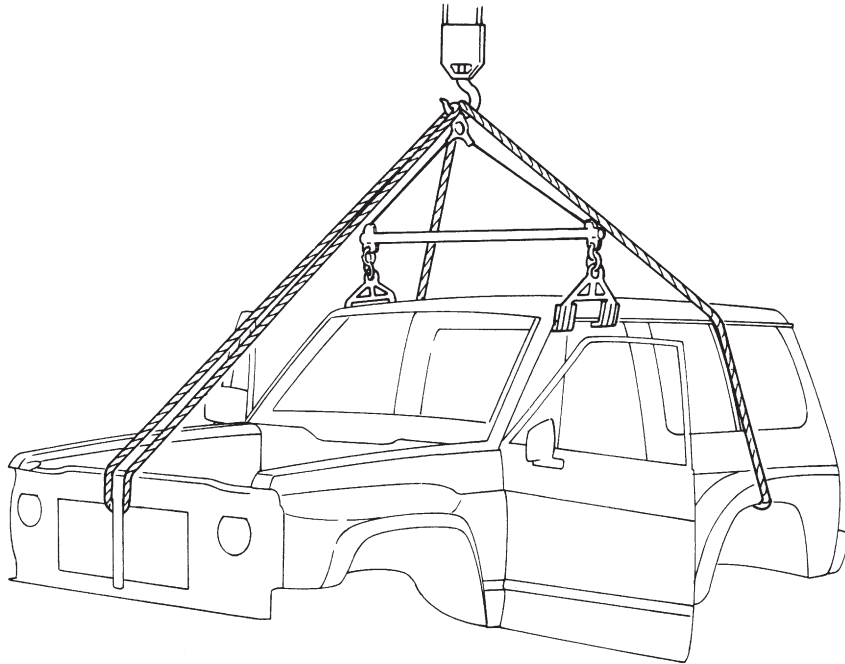
SBT559

CAB BODY

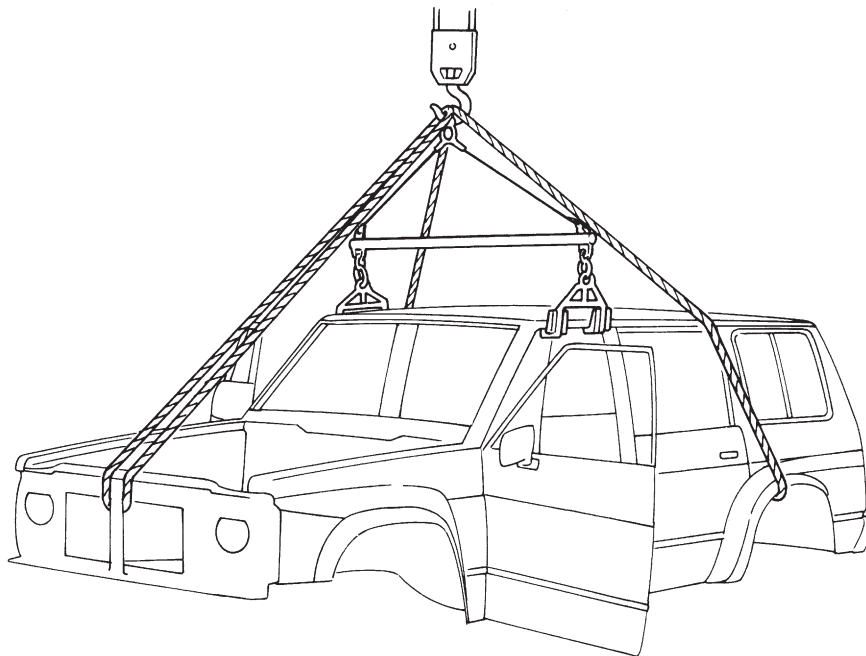
CAB BODY

- 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 from underbody at least.
 - (1) Transmission and transfer control levers
 - (2) Parking brake control lever and cable
 - (3) Main harness and other wiring harness

Hardtop model



Wagon model

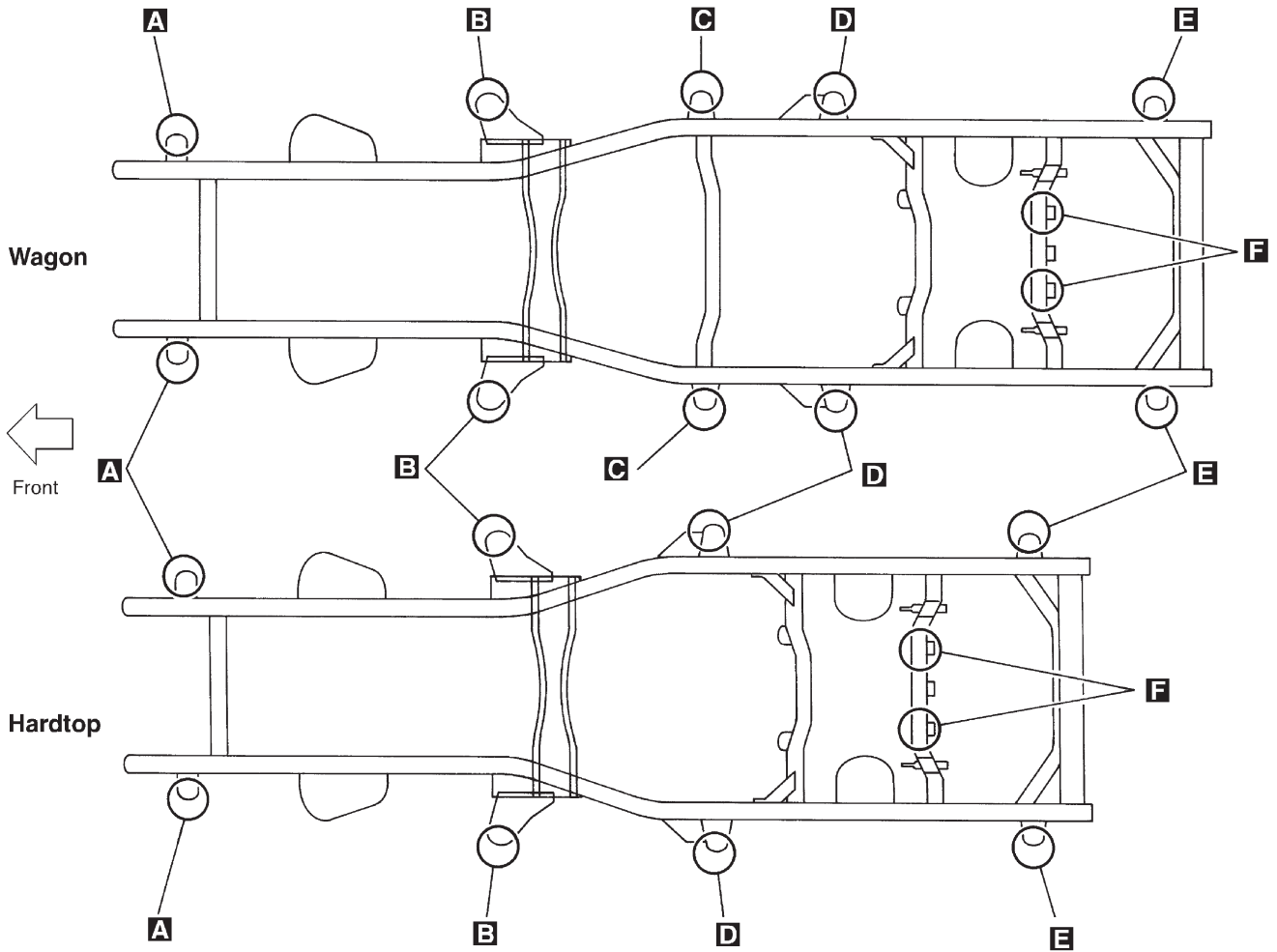


SBF025E

CAB BODY

Body Mounting

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



<p>A</p> <p> 78 - 98 (8.0 - 10.0, 58 - 72)</p>	<p>B</p> <p> 78 - 98 (8.0 - 10.0, 58 - 72)</p>	<p>C (Wagon only)</p> <p> 78 - 98 (8.0 - 10.0, 58 - 72)</p>
<p>D</p> <p> 78 - 98 (8.0 - 10.0, 58 - 72)</p>	<p>E</p> <p> 78 - 98 (8.0 - 10.0, 58 - 72)</p>	<p>F</p> <p> 3.1 - 4.3 (0.32 - 0.44, 27.8 - 38.2)</p>

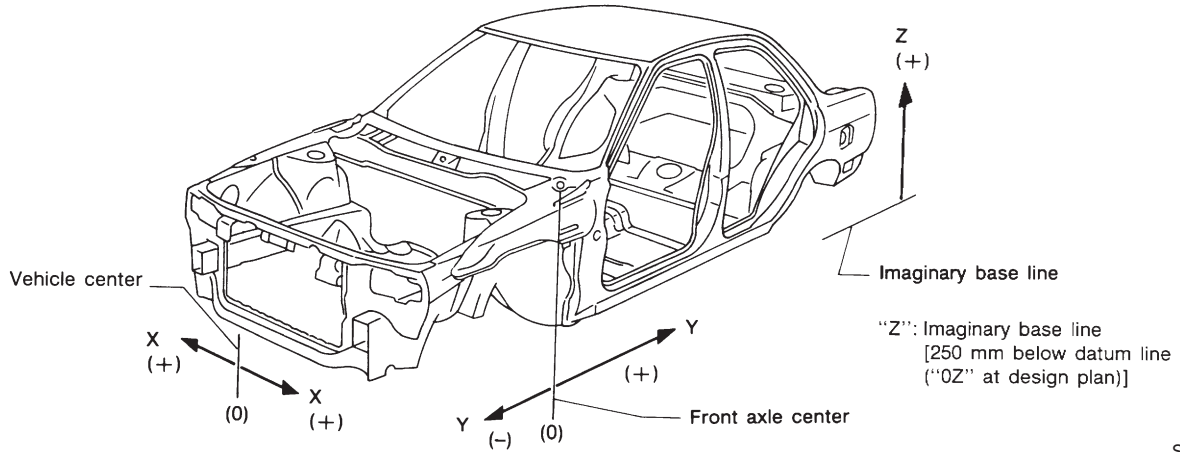
: N•m (kg-m, in-lb)

: N•m (kg-m, ft-lb)

SBT573

BODY ALIGNMENT

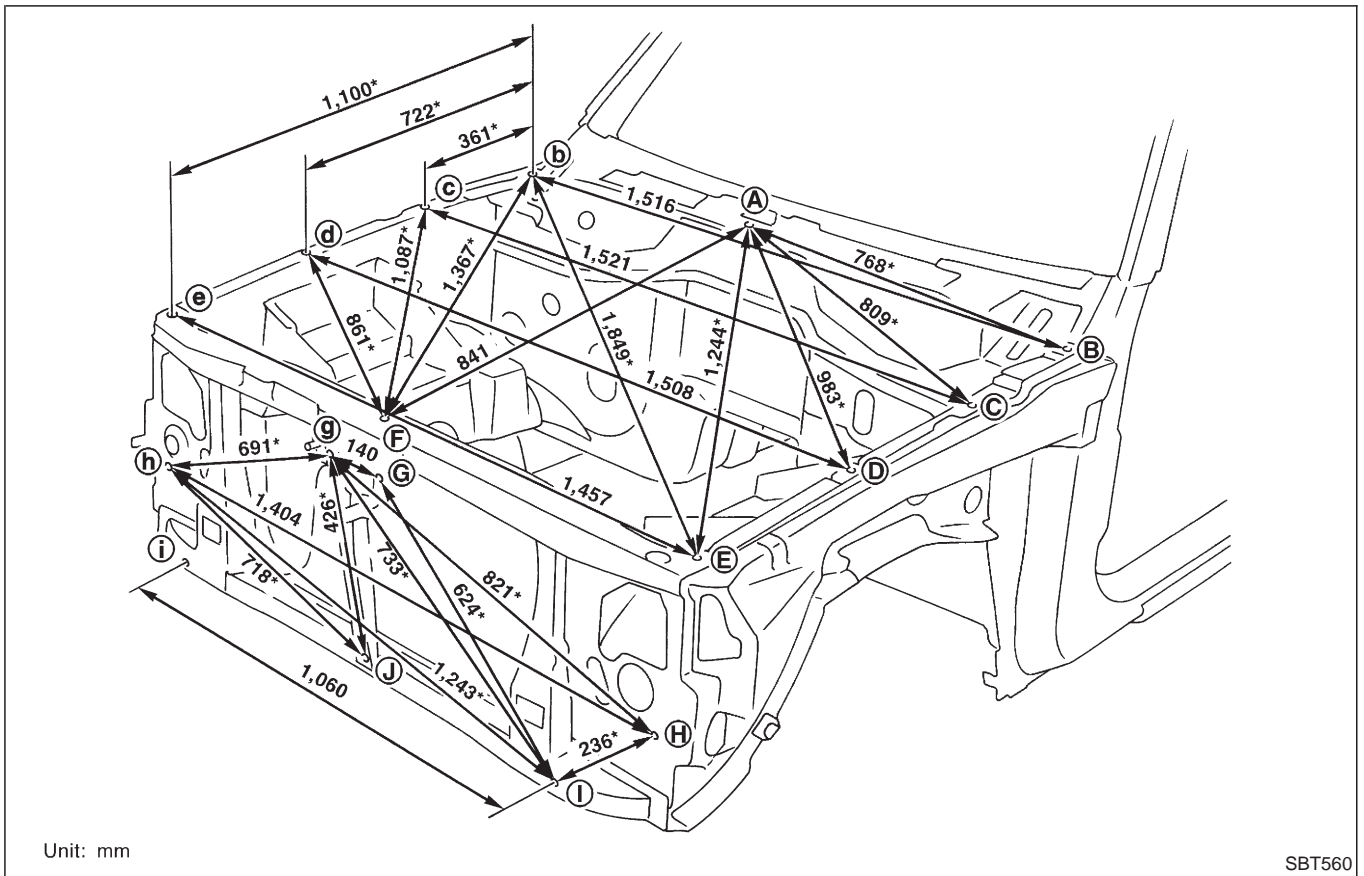
- All dimensions indicated in figures are actual ones.
- When using a tracking gauge, adjust both pointers to equal length. Then check the pointers and gauge itself to make sure there is no free play.
- When a measuring tape is used, check to be sure there is no elongation, twisting or bending.
- Measurements 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.
- The coordinates of the measurement points are the distances measured from the standard line of "X", "Y" and "Z".



SBF874GD

Engine Compartment

MEASUREMENT



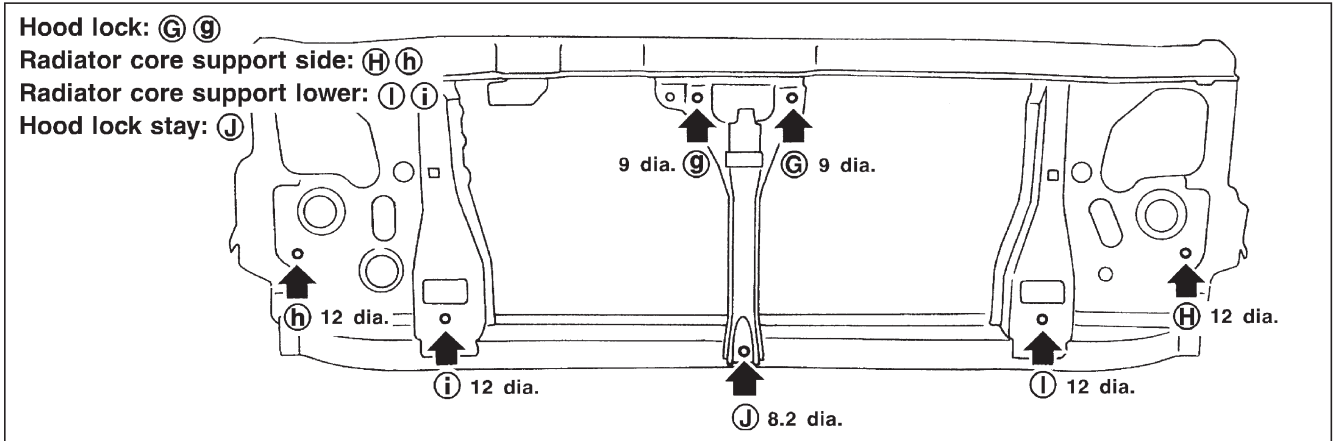
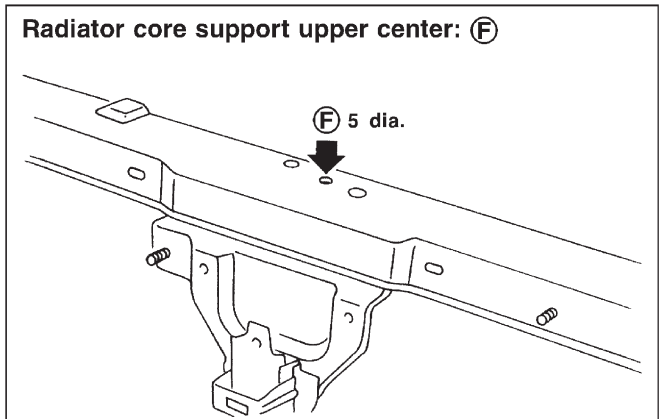
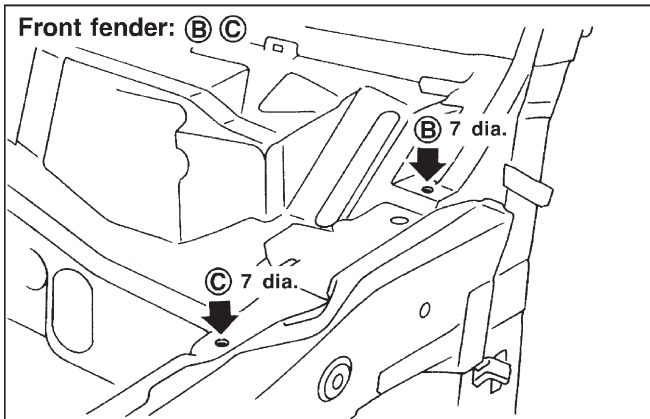
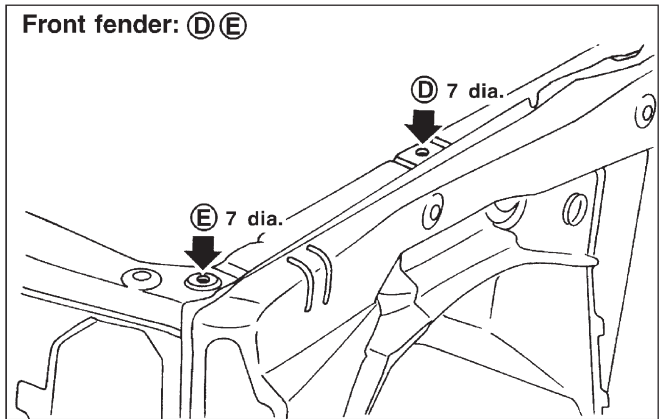
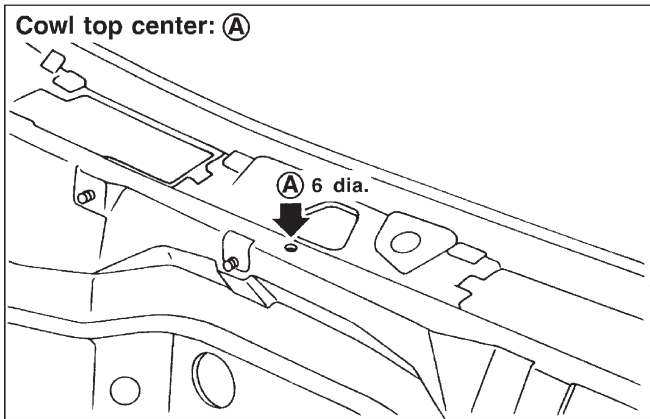
SBT560

BODY ALIGNMENT

Engine Compartment (Cont'd)

MEASUREMENT POINTS

Unit: mm



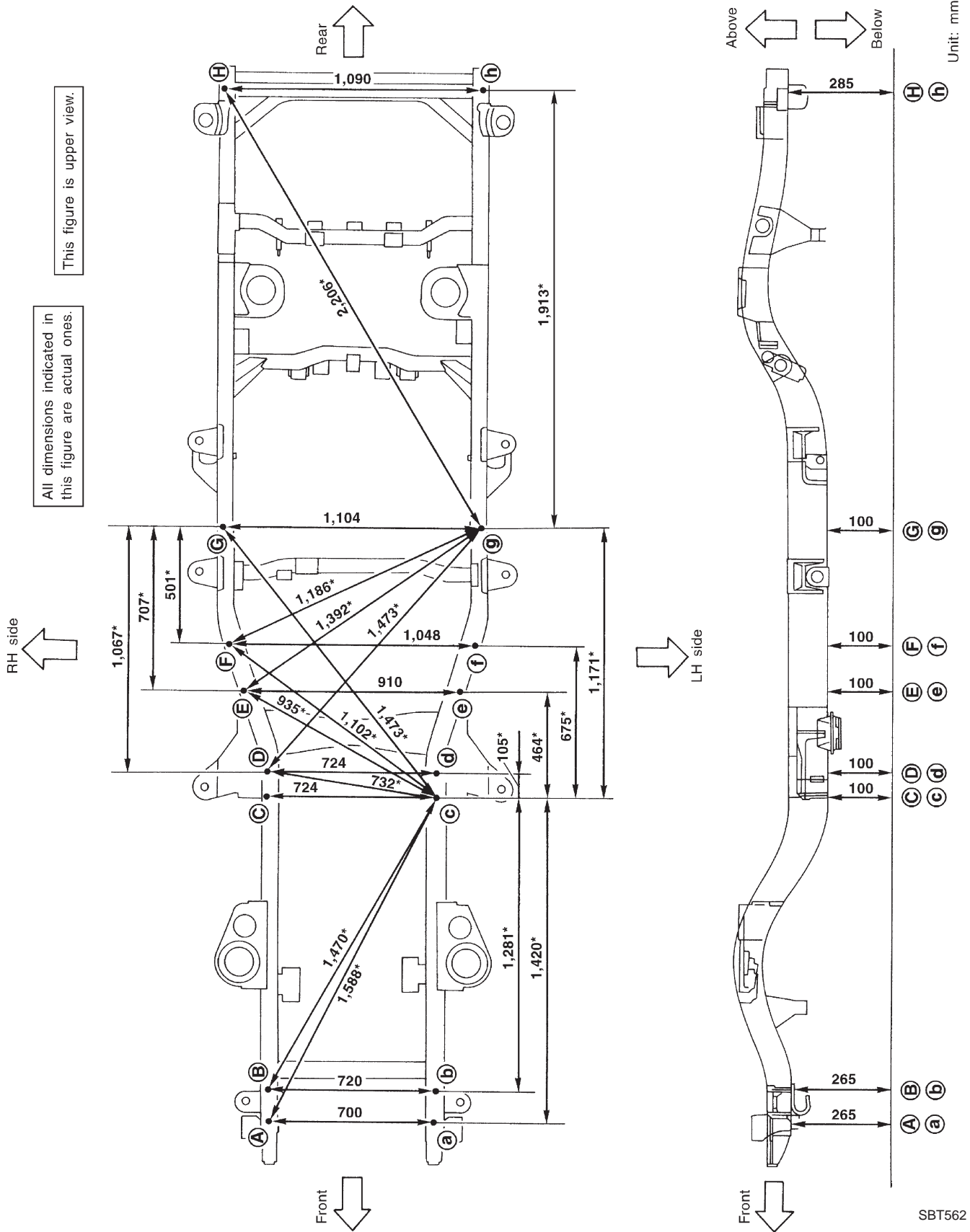
SBT561

BODY ALIGNMENT

Underbody

MEASUREMENT

Wagon

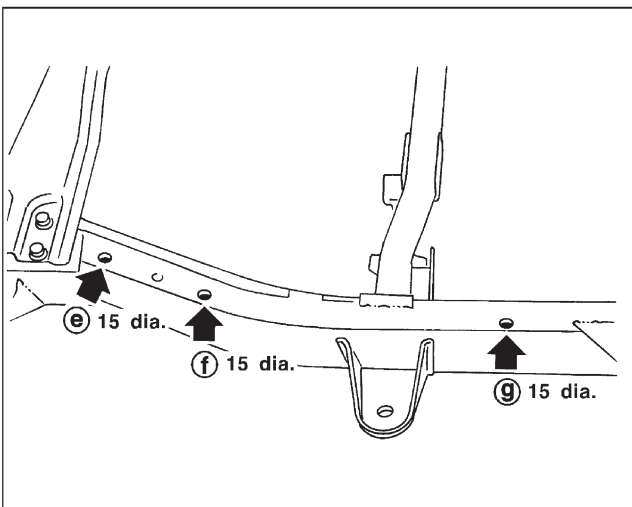
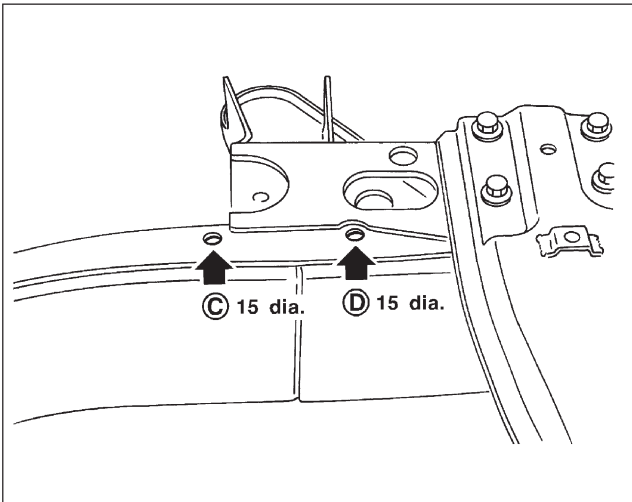
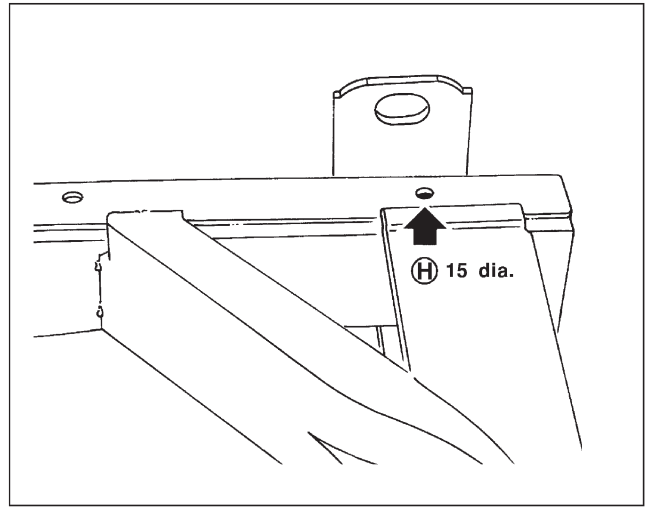
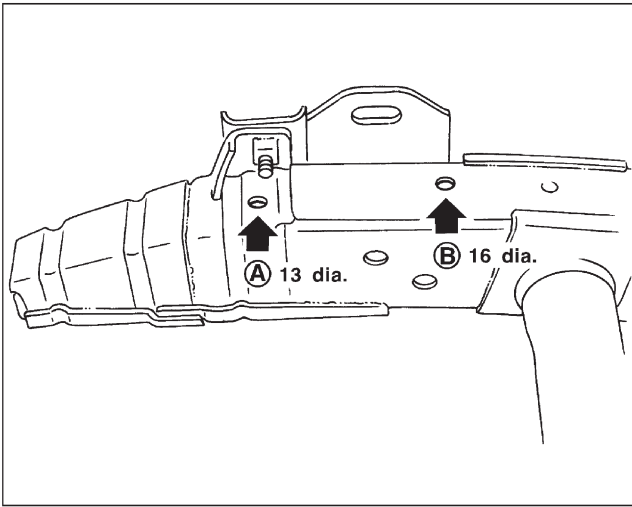


BODY ALIGNMENT

Underbody (Cont'd)

MEASUREMENT POINTS

Wagon



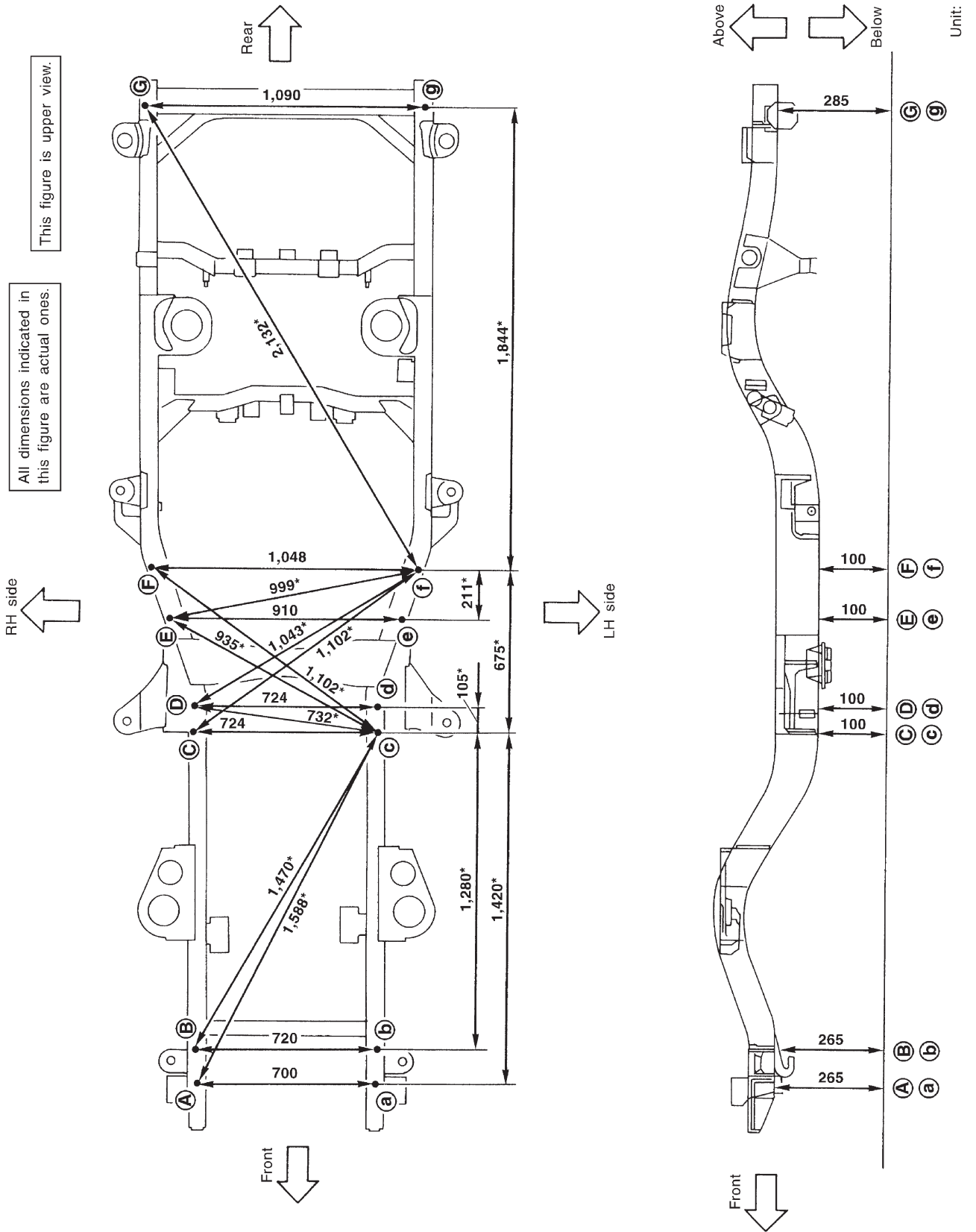
Coordinates:

(A), (a)	(E), (e)
X: 350	X: 455
Y: -665	Y: 1,200
Z: 265	Z: 100
(B), (b)	(F), (f)
X: 360	X: 524
Y: -525	Y: 1,400
Z: 265	Z: 100
(C), (c)	(G), (g)
X: 362	X: 552
Y: 745	Y: 1,900
Z: 100	Z: 100
(D), (d)	(H), (h)
X: 362	X: 545
Y: 850	Y: 3,805
Z: 100	Z: 285

Unit: mm

BODY ALIGNMENT Underbody (Cont'd)

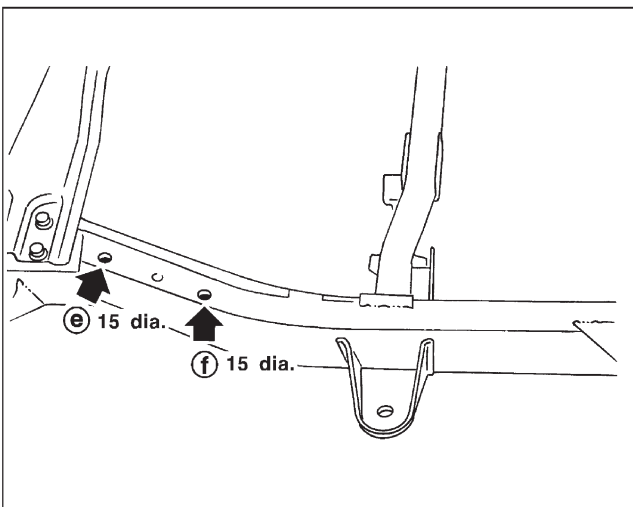
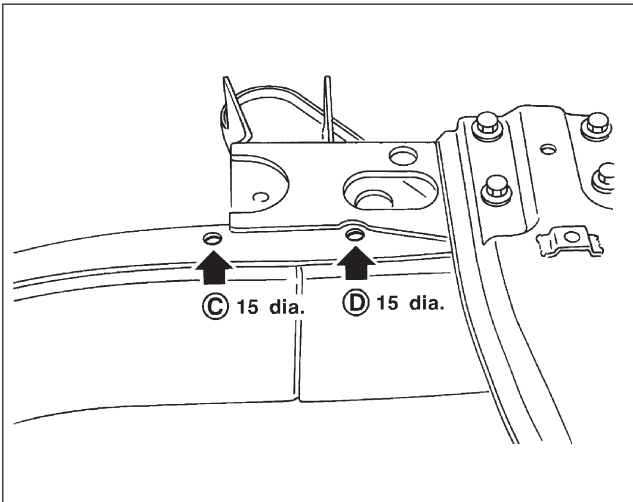
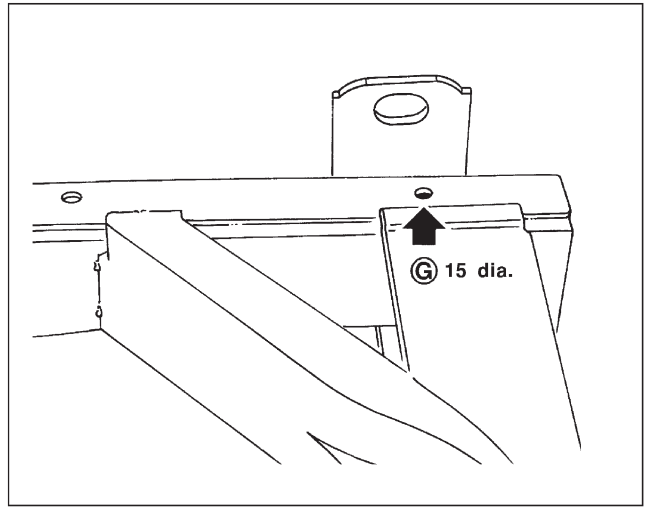
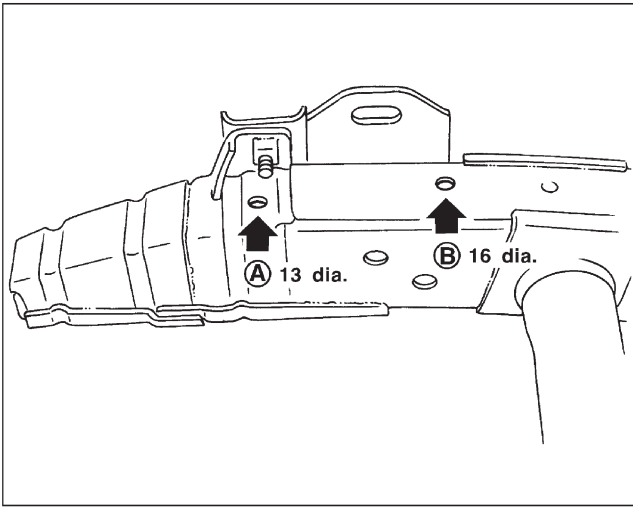
MEASUREMENT (Hardtop)



BODY ALIGNMENT

Underbody (Cont'd)

MEASUREMENT POINTS (Hardtop)



Coordinates:

(A), (a)	(E), (e)
X: 350	X: 455
Y: -665	Y: 1,200
Z: 265	Z: 100
(B), (b)	(F), (f)
X: 360	X: 524
Y: -525	Y: 1,400
Z: 265	Z: 100
(C), (c)	(G), (g)
X: 362	X: 545
Y: 745	Y: 3,235
Z: 100	Z: 285
(D), (d)	
X: 362	
Y: 850	
Z: 100	

Unit: mm