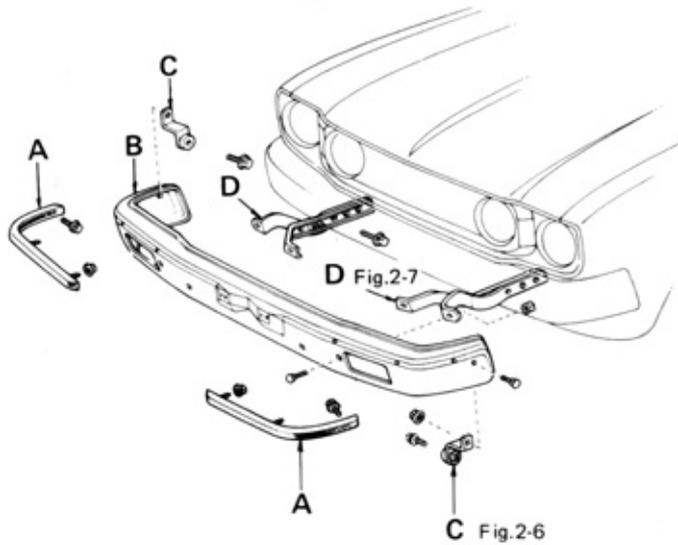


CARINA BODY

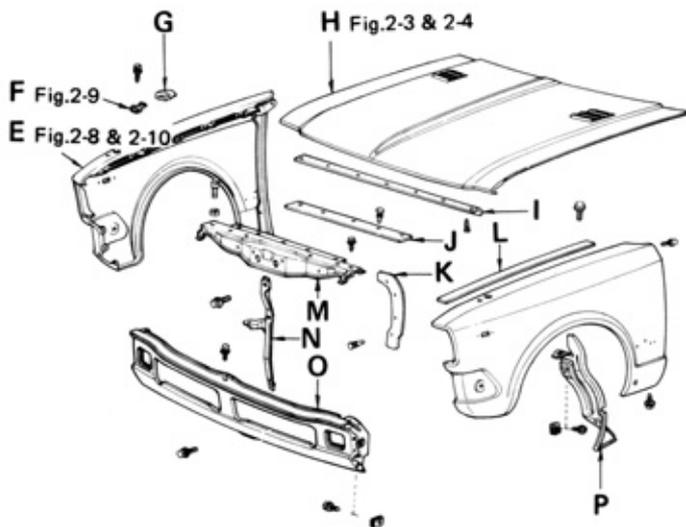
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REAR BODY	2- 6
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REAR DOOR (4-DOOR)	2-16
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FRONT BODY

Fig. 2-1



- A Bumper Guard
- B Front Bumper Bar
- C Front Bumper Side Retainer
- D Front Bumper Stay



- E Front Fender
- F Hood Damper Retainer
- G Fender To Hood Damper
- H Hood
- I Hood To Baffle Seal
- J Radiator To Baffle Packing
- K Mudguard
- L Front Fender Main Packing
- M Radiator Upper Baffle
- N Hood Lock Brace
- O Front Bumper Stone Deflector
- P Front Fender Splash Shield

Fig. 2-2

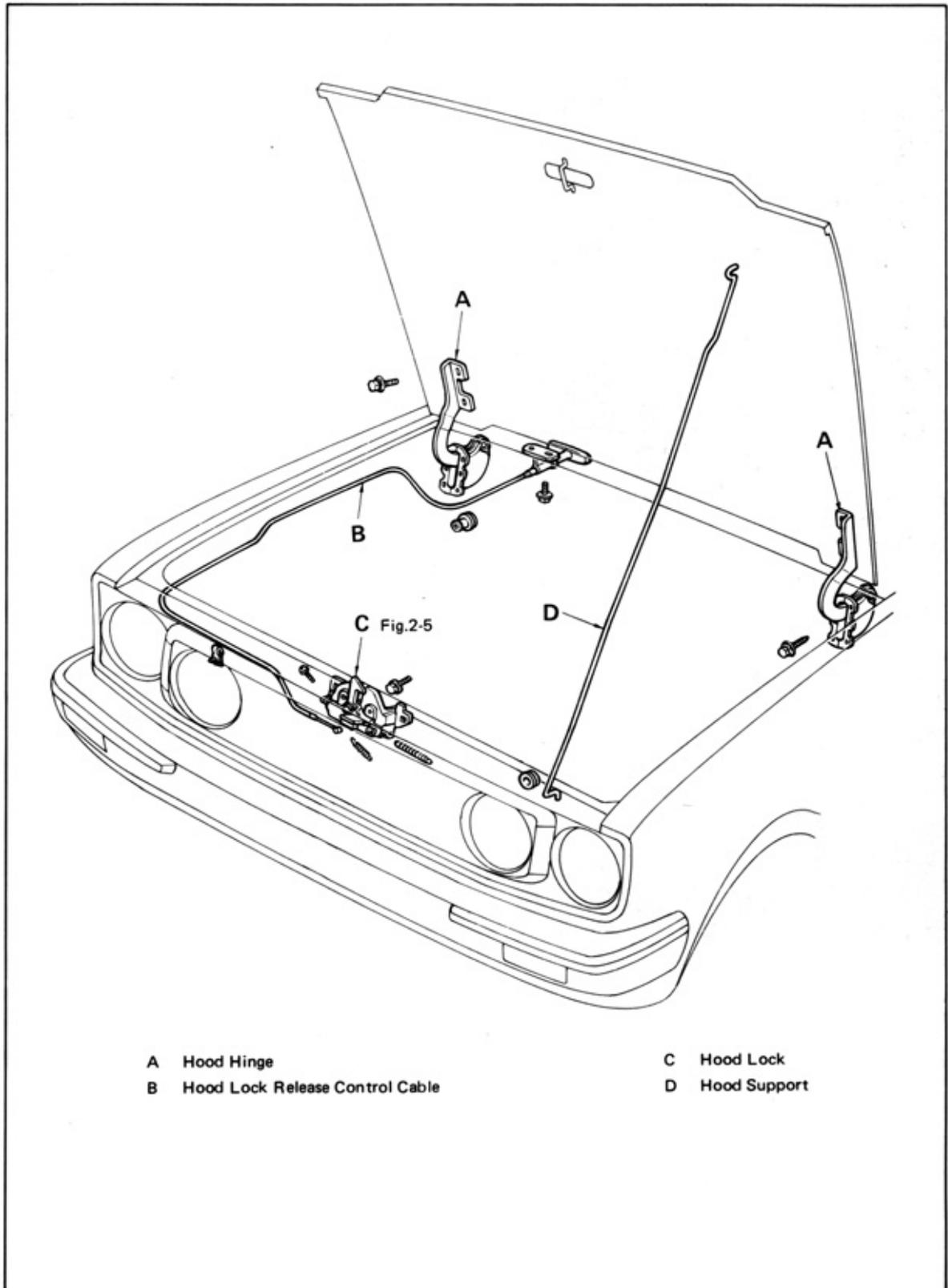


Fig. 2-3

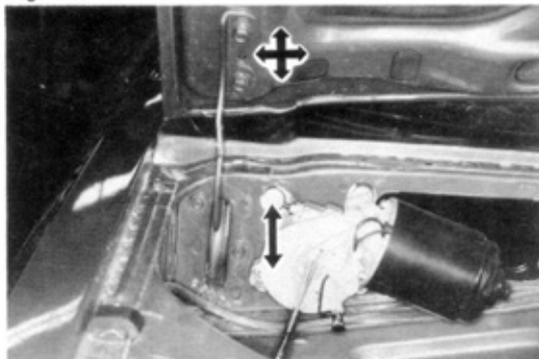


Fig. 2-4

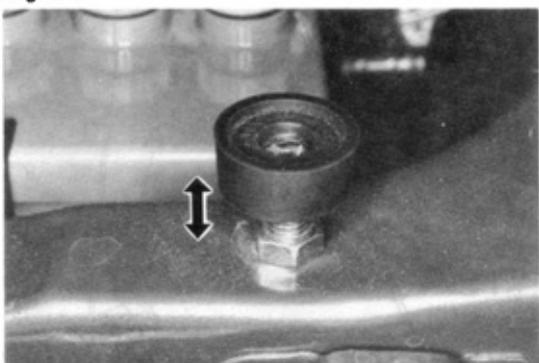
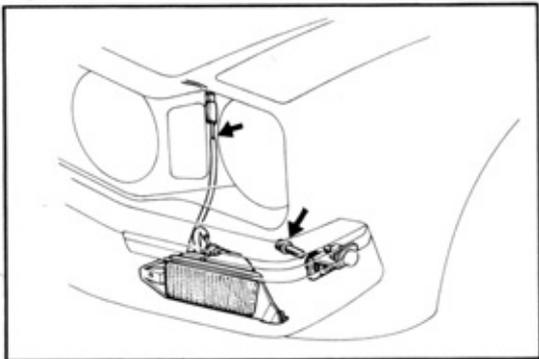


Fig. 2-5



Fig. 2-6



HOOD ADJUSTMENT

1. Make the hood front-rear and left-right adjustments by loosening the hood mounting bolts.
2. Make the up-down adjustment of the hood rear end by loosening the hinge mounting bolts.
3. Make the up-down adjustment of the hood front end by means of hood lock and front damper.

HOOD LOCK ADJUSTMENT

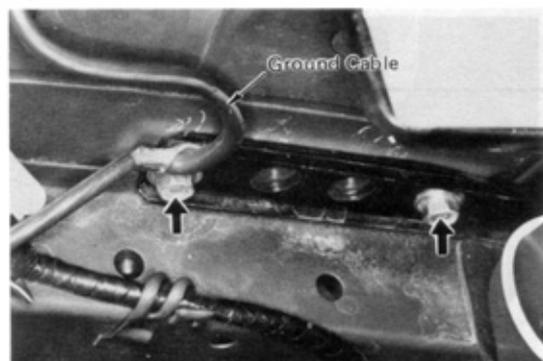
Check the hood to see that it is in proper adjustment and fitting correctly.

FRONT BUMPER REMOVAL



1. Remove front bumper side set bolts.
2. Disconnect front turn signal light wiring connector.

Fig. 2-7

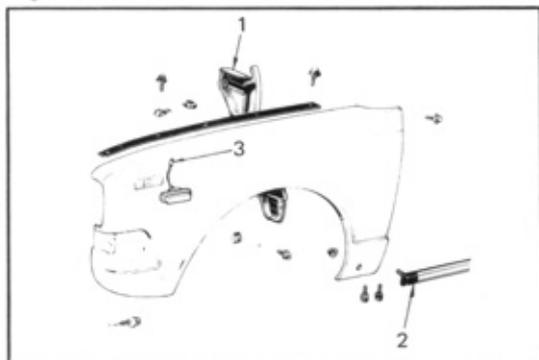


3. Remove front bumper stay set bolt
Battery ground cable is also bolted down with the same bumper stay set bolt so when installing the bumper stay, do not forget to bolt together the ground cable.
4. Remove front bumper
Pull out the front bumper with turn signal lights and stays attached.

FRONT BUMPER INSTALLATION

Perform the removal in reverse order.

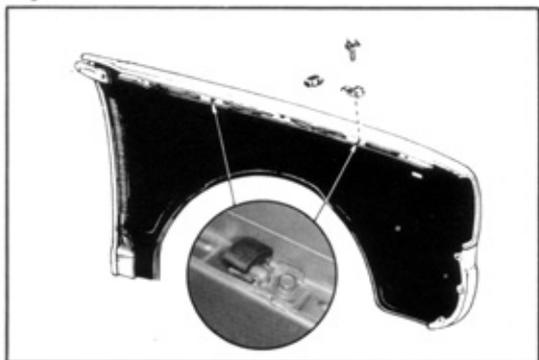
Fig. 2-8



FRONT FENDER REMOVAL

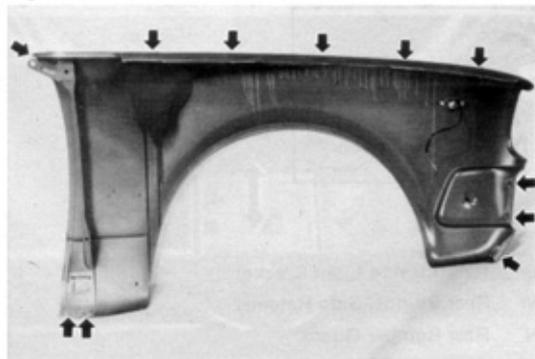
1. Remove front bumper
Perform first 4 steps in Front Bumper Removal above.
2. Remove front fender splash shield (1).
3. Remove locker panel moulding (2).
4. Disconnect side turn signal light wiring connector (3).

Fig. 2-9



5. Remove front fender mounting bolts
(1) Out of the 5 upper side front fender mounting bolts, the retainer and damper are installed with No.2 and No.4 bolts as illustrated.

Fig. 2-10



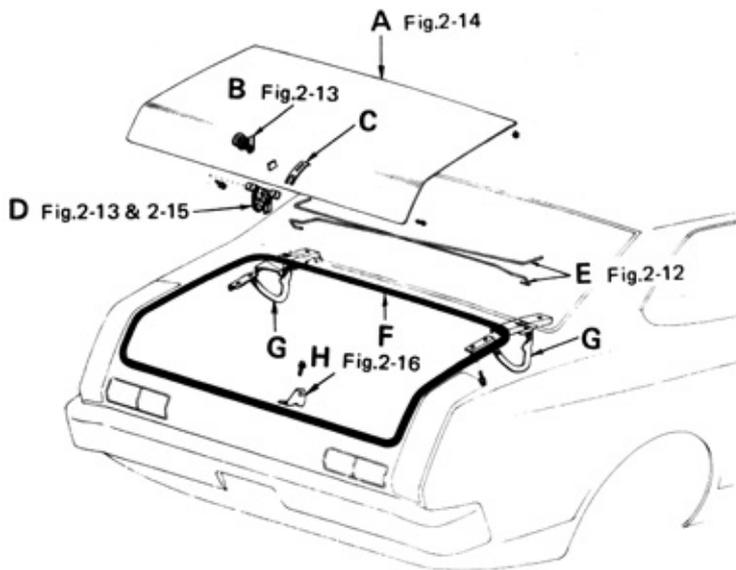
- (2) Front fender installation points.
6. Remove front fender

FRONT FENDER INSTALLATION

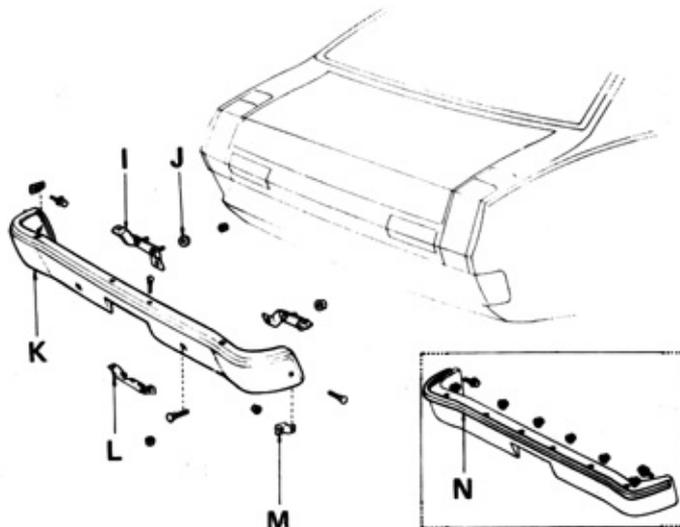
Perform the removal in reverse order.

REAR BODY

Fig. 2-11

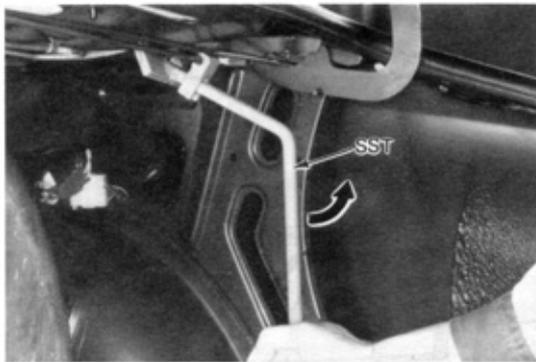


- | | | | |
|---|--------------------------------|---|---------------------------|
| A | Luggage Compartment Door Panel | E | Torsion Bar |
| B | Luggage Lock Cylinder | F | Weatherstrip |
| C | Retainer | G | Luggage Door Hinge |
| D | Luggage Door Lock | H | Luggage Door Lock Striker |



- | | | | |
|---|------------------|---|----------------------------|
| I | Rear Bumper Stay | L | Rear License Light Bracket |
| J | Packing | M | Rear Bumper Side Retainer |
| K | Rear Bumper Bar | N | Rear Bumper Guard |

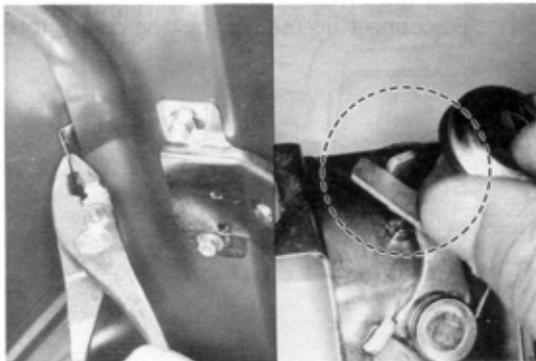
Fig. 2-12

**TORSION BAR REPLACEMENT**

Use SST[09805-20011] to remove and install torsion bar.



Fig. 2-13

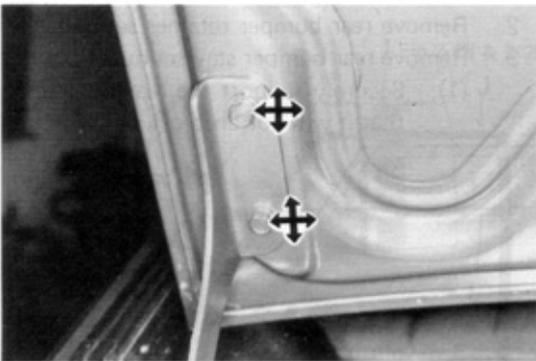
**LUGGAGE DOOR LOCK CYLINDER REPLACEMENT**

1. Remove retainer.
2. Remove lock cylinder.
3. Install new lock cylinder.

Install so that the relative positions of the door lock and lock cylinder will be as shown.

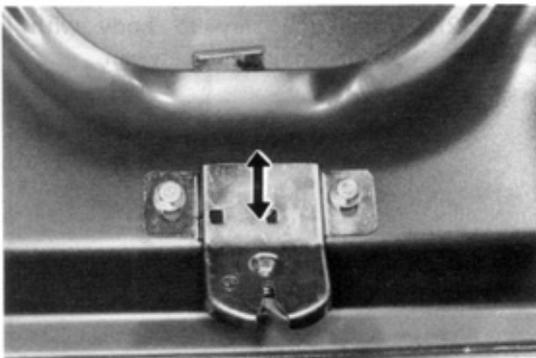


Fig. 2-14

**LUGGAGE COMPARTMENT DOOR ADJUSTMENT**

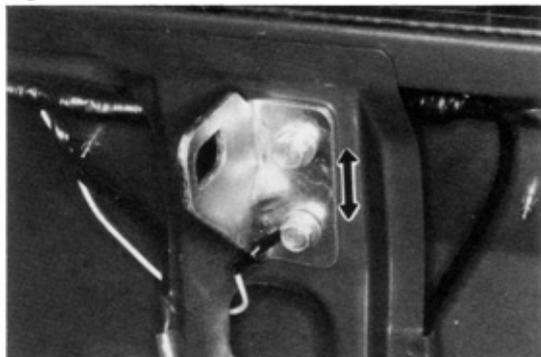
1. Vertical adjustment of the luggage compartment front end is made by increasing or decreasing the number of door hinge spacers.
2. Longitudinal or lateral adjustment of the luggage compartment door is made by loosening the bolts mounting the door hinges to the door.

Fig. 2-15

**DOOR LOCK & STRIKER ADJUSTMENT**

1. If the door lock fails to lock properly, correct by shifting the door lock mounting vertically and the door lock striker mounting laterally.

Fig. 2-16



2. Check the luggage door to see that it is in proper adjustment and fitting properly.

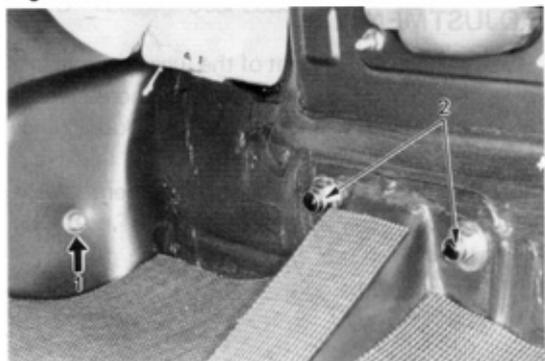
Fig. 2-17



REAR BUMPER REMOVAL

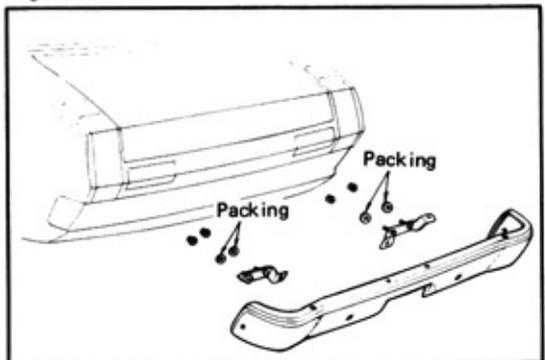
1. Disconnect license light wiring connectors.

Fig. 2-18



2. Remove rear bumper retainer set bolts (1).
3. Remove rear bumper stay set nuts (2).
 - (1) Securely support the rear bumper so that it will not drop off.

Fig. 2-19



- (2) Install the stay to body with a packing inserted in between.

FRONT DOOR

Fig. 2-20

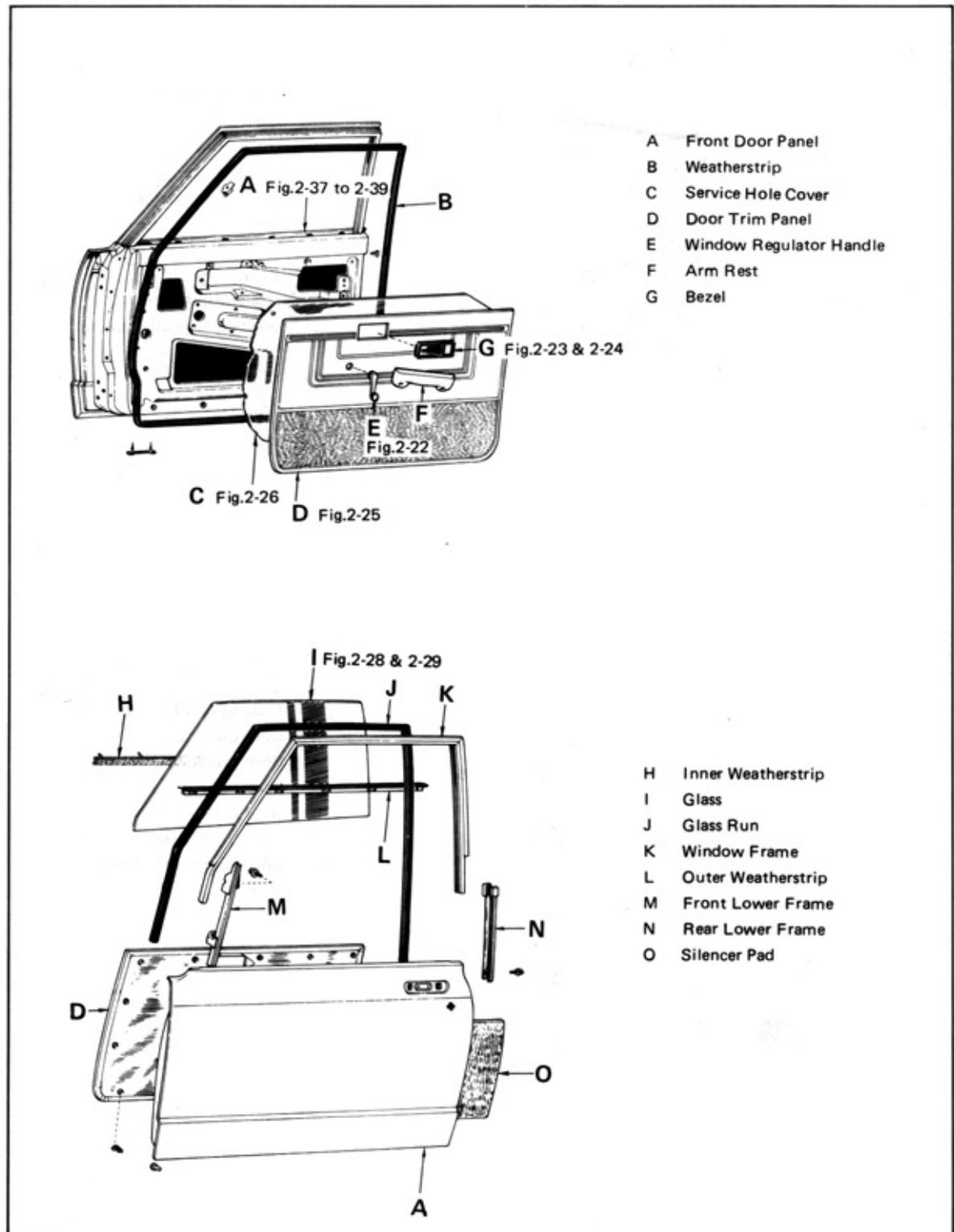
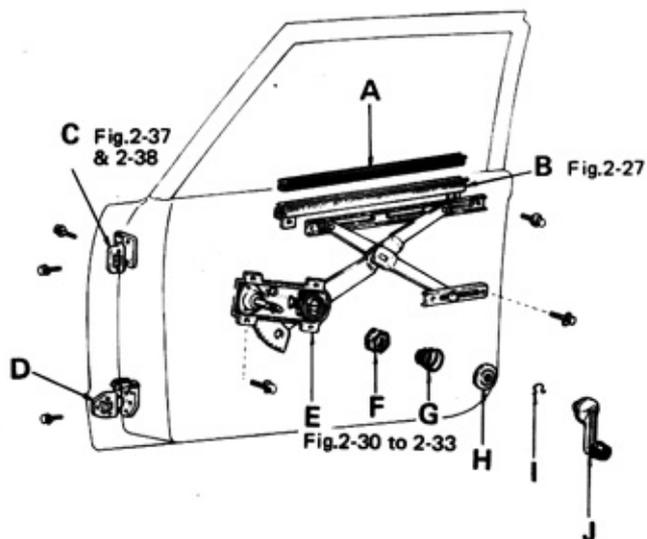
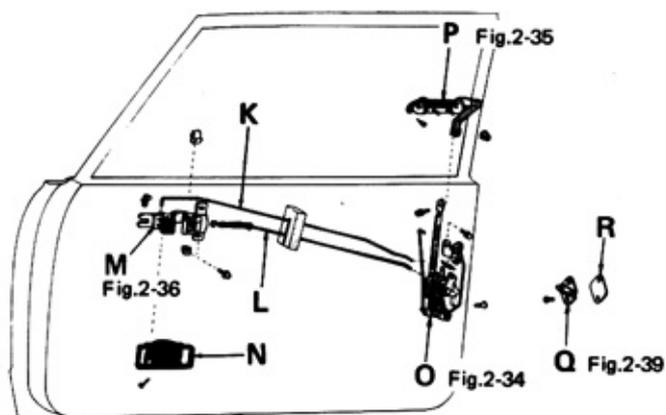


Fig. 2-21

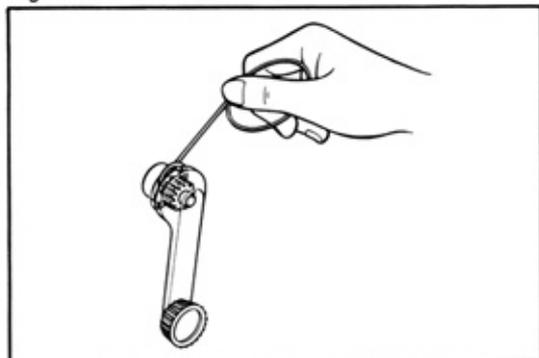


- A Channel Weatherstrip
- B Glass Channel
- C Upper Hinge
- D Lower Hinge
- E Window Regulator
- F Seal
- G Conical Spring
- H Escutcheon
- I Shaft Snap Ring
- J Window Regulator Handle



- K Locking Control Link
- L Open Control Link
- M Door Inside Handle
- N Bezel
- O Door Lock
- P Door Outside Handle
- Q Door Lock Striker Plate
- R Shim

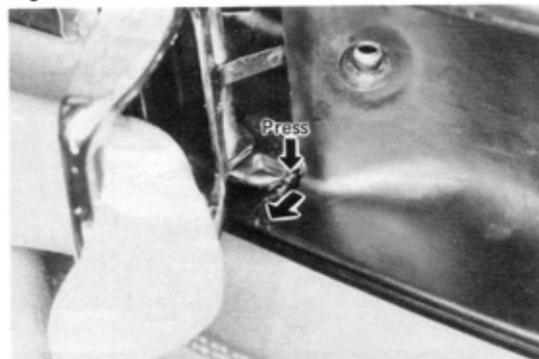
Fig. 2-22

**FRONT DOOR TRIM REMOVAL**

Fully open the door glass and remove the following parts.

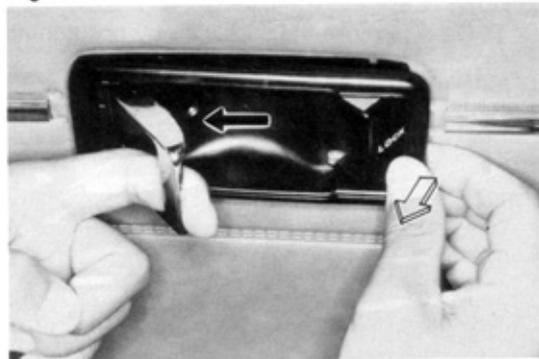
1. Window regulator handle
Pull out the snap ring with a wire or other means, and take off the handle.
2. Arm rest

Fig. 2-23



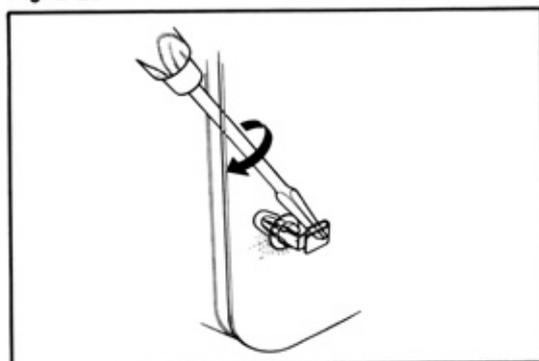
3. Inside handle bezel
 - (1) Remove the screw.
 - (2) Loosen the bezel from the inside handle by pressing the lip at bezel rear part in arrow direction.

Fig. 2-24



- (3) Pull the bezel toward the rear.
- (4) Remove by pulling out the front end.

Fig. 2-25



4. Door trim
 - (1) Place the tip of screwdriver against the retainer and pull out the retainer through the door panel opening.
 - (2) Remove the regulator handle conical spring.

FRONT DOOR TRIM INSTALLATION

Perform the removal in reverse order.

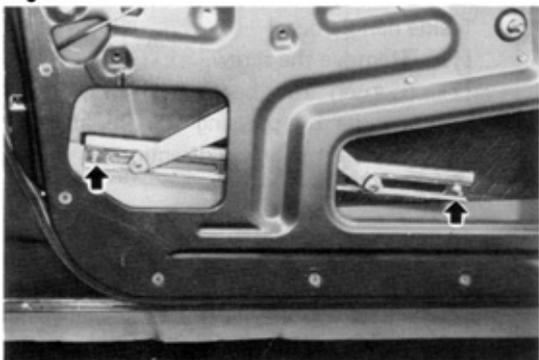
Fig. 2-26



FRONT DOOR GLASS REPLACEMENT

1. Remove door trim
Perform first 4 steps in Front Door Trim Removal page 2-11.
2. Remove regulator handle conical spring.
3. Peel off service hole cover.

Fig. 2-27



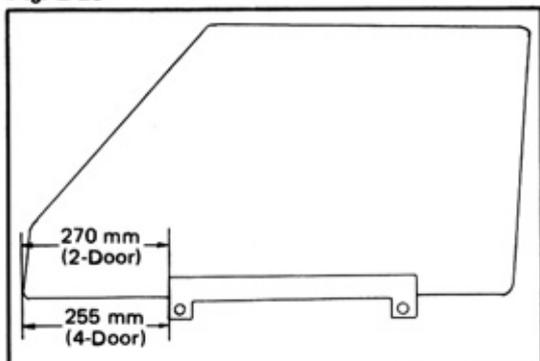
4. Remove door glass
 - (1) Lower the glass and remove the two glass channel bolts.

Fig. 2-28



- (2) Remove the door glass by positioning its rear end up and pulling it out.

Fig. 2-29



5. Replace door glass
 - (1) Remove the glass channel and weatherstrip from the glass.
 - (2) To install, fit the weatherstrip and glass into the channel groove, and tap them in with a wooden mallet.

– Note –

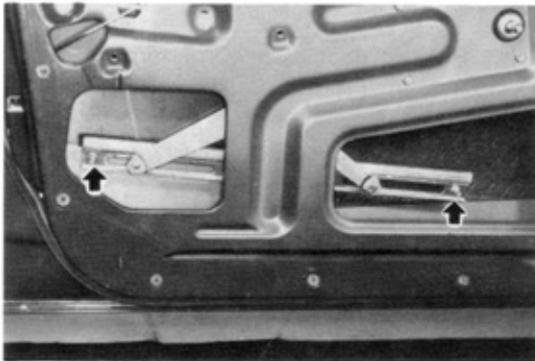
1. Install the channel at the position shown in Fig. 2-29.
2. Soap and water on the weatherstrip and glass will make the installation easier.

SEE
FRONT DOOR TRIM
REMOVAL PAGE 2-11

FRONT DOOR WINDOW REGULATOR REPLACEMENT

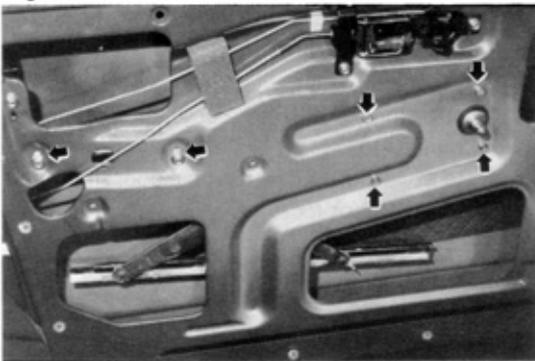
1. Remove door trim
Perform first 4 steps in Front Door Trim Removal page 2-11.
2. Remove regulator handle conical spring.
3. Peel off service hole cover.

Fig. 2-30



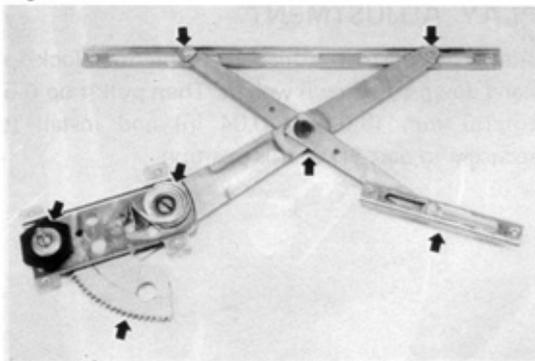
4. Remove door glass channel
Remove the glass channel bolts, raise the window glass and secure it so that the glass will not fall down.

Fig. 2-31



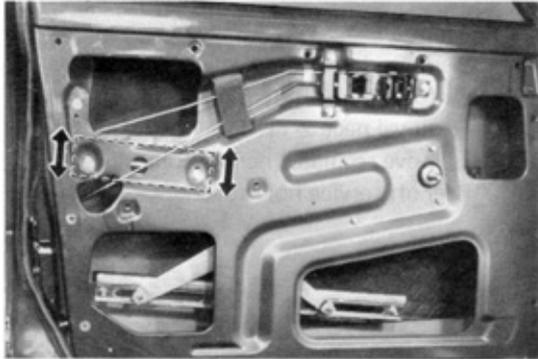
5. Remove door window regulator.
Remove the window regulator mounting bolts and remove the regulator.

Fig. 2-32



6. Inspect regulator
 - (1) Inspect the regulator gear to see if worn or damaged, and the other mechanical parts to see if damaged. If necessary, replace the door window regulator assembly.
 - (2) Check the regulator to see if properly lubricated. If insufficient, apply MP grease.

Fig. 2-33



7. Install regulator.
Install by performing the removal in reverse order.
8. Adjust the equalizer arm bracket so that the glass will always be maintained horizontally and move up and down without tilting.



FRONT DOOR LOCK REPLACEMENT

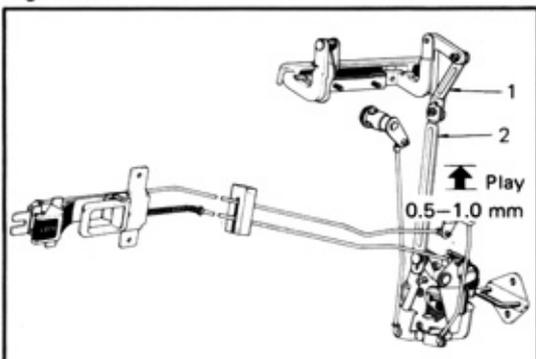
1. Remove door trim by performing first 4 steps in Front Door Trim Removal page 2-11.
2. Peel off service hole cover, and raise up door glass.

Fig. 2-34



3. Disconnect four control links (1), and remove bell crank (2).
4. From the outside, remove bolt (3) attaching lower frame and take off lower frame (4).
5. Remove bolt (5) attaching door lock and take off door lock.
6. Install new door lock assembly by performing the removal in reverse order.

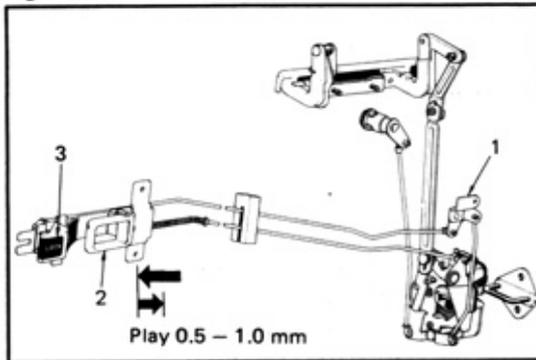
Fig. 2-35



FRONT DOOR OUTSIDE HANDLE PLAY ADJUSTMENT

Allow the part (2) attached to the door lock to hang down by its own weight. Then pull it up 0.5 to 1.0 mm (0.02 to 0.04 in) and install it securely to part (1) at this position.

Fig. 2-36



FRONT DOOR INSIDE HANDLE PLAY ADJUSTMENT

1. Tighten down part (1) finger-tight.
2. Shift part (2) forward and then return it 0.5 to 1.0 mm (0.02 to 0.04 in) from the point where the resistance suddenly increases and tighten (2) securely.
3. Place part (3) in locked state, and while pressing down on (3), tighten (1) securely.

Fig. 2-37

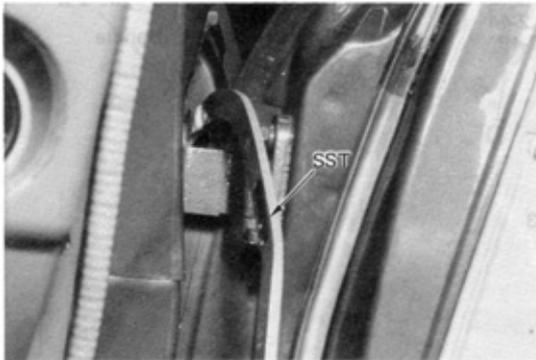


Fig. 2-38

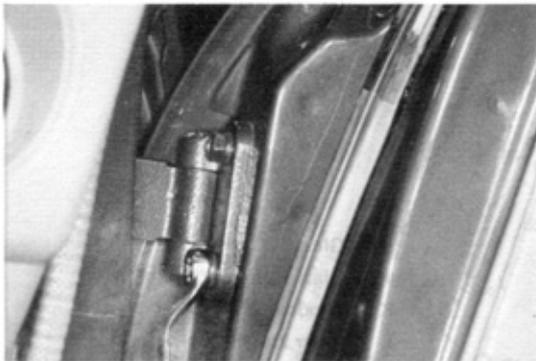
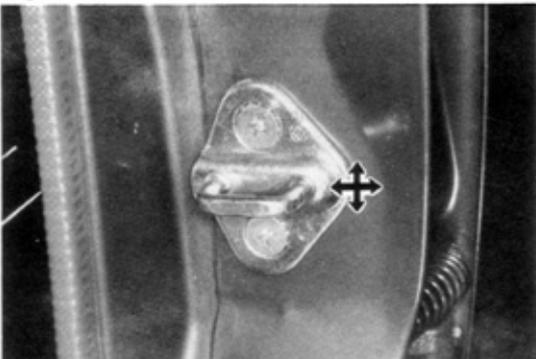


Fig. 2-39



FRONT DOOR ADJUSTMENT

1. Make the adjustment in front-rear and left-right directions by loosening the hinge bolts at the body side.
Use SST[09812-30011].
2. Make the adjustment in vertical direction by loosening the hinge bolts at the door side.
3. Correct improper door closure by adjusting the door lock striker.

REAR DOOR (4-DOOR)

Fig. 2-40

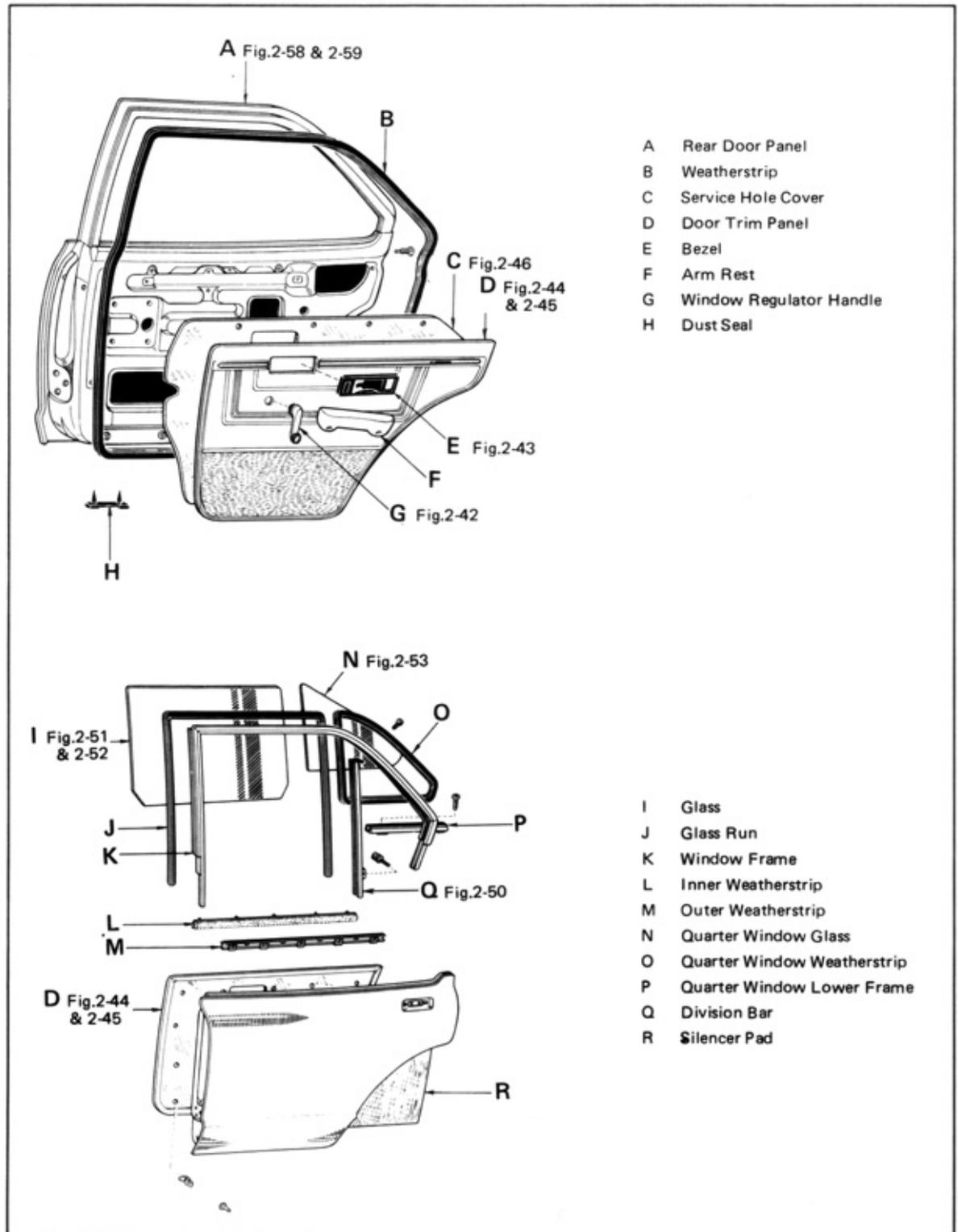


Fig. 2-41

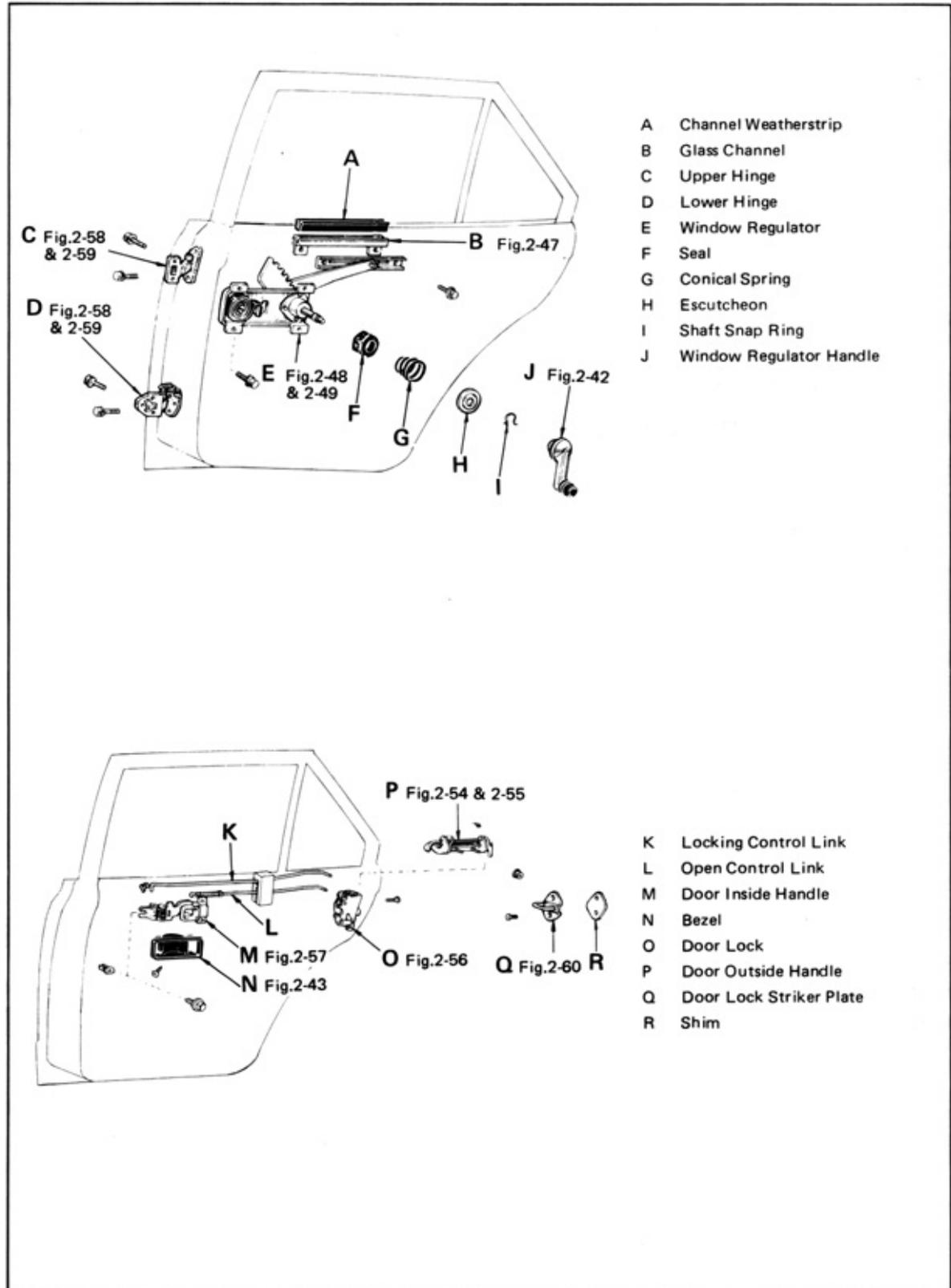
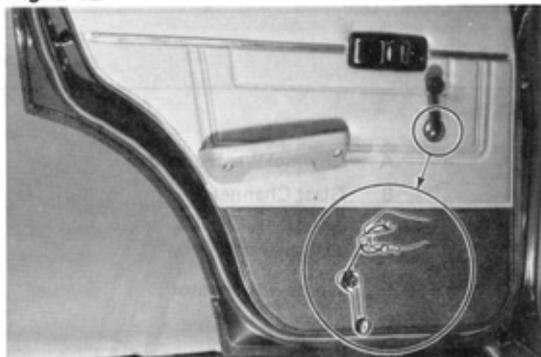


Fig. 2-42

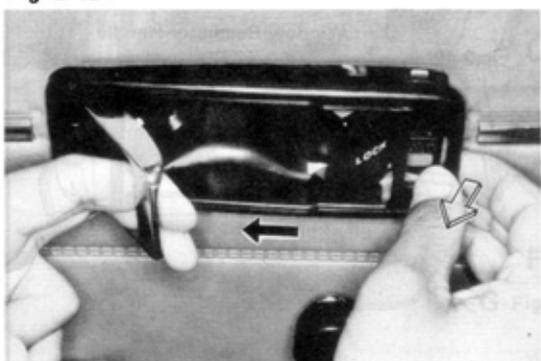


REAR DOOR TRIM REMOVAL

Fully open the door glass and remove the following parts.

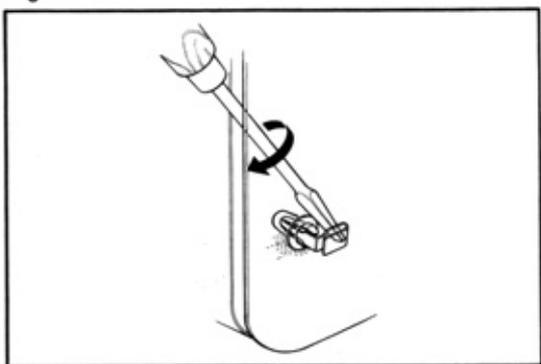
1. Window regulator handle
Pull out the snap ring with a wire or other means, and take off the handle.
2. Arm rest

Fig. 2-43



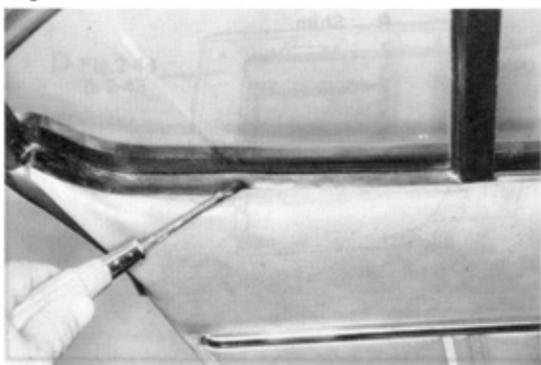
3. Inside handle bezel
 - (1) Remove the screw.
 - (2) Pull the bezel toward the rear, and remove by pulling out the front end.

Fig. 2-44



4. Door trim panel
Place the tip of screwdriver against the retainer and pry out the retainer through the door panel opening.

Fig. 2-45

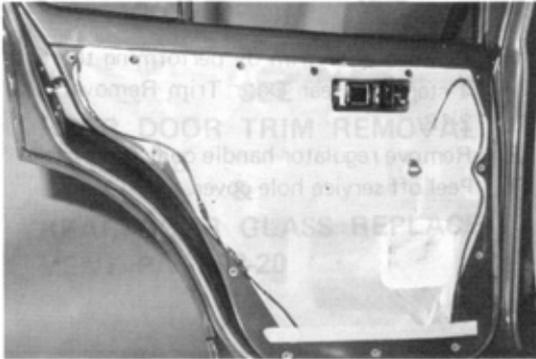


REAR DOOR TRIM INSTALLATION

Install by performing the removal in reverse order.

After assembling the door trim, pull out the quarter glass weatherstrip to the upper side of door trim.

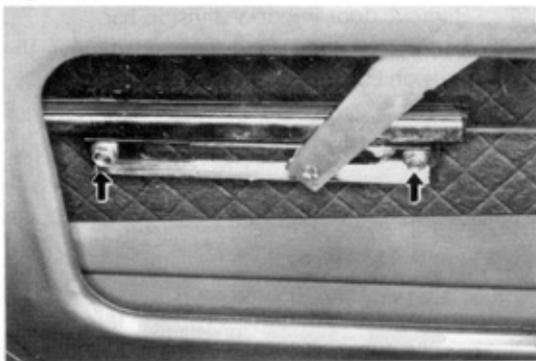
Fig. 2-46



REAR DOOR WINDOW REGULATOR REPLACEMENT

1. Remove door trim
Perform first 4 steps in Rear Door Trim Removal page 2-18.
2. Remove regulator handle conical spring.
3. Peel off service hole cover.

Fig. 2-47



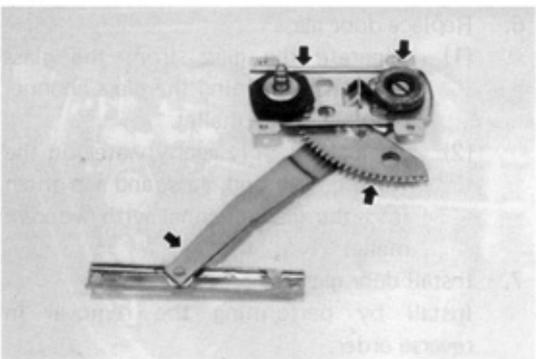
4. Remove door glass
Remove the glass channel bolts, raise the window glass and secure it so that the glass will not fall down.

Fig. 2-48



5. Remove regulator
Remove the window regulator mounting bolts and remove the regulator.

Fig. 2-49



6. Install regulator
Check the regulator to see if properly lubricated, and apply grease if found insufficient.
Install by performing the removal in reverse order.

**SEE
REAR DOOR TRIM
REMOVAL PAGE 2-18**

Fig. 2-50

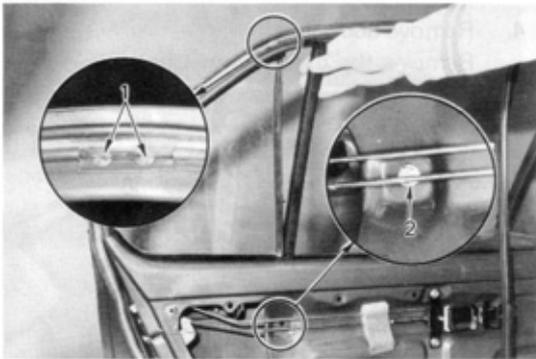


Fig. 2-51

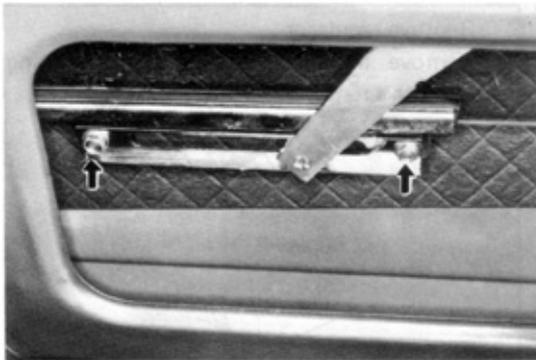
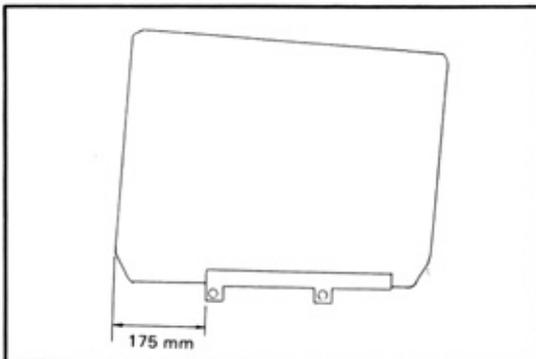


Fig. 2-52



REAR DOOR GLASS REPLACEMENT

1. Remove door trim by performing the first 4 steps in Rear Door Trim Removal page 2-18.
2. Remove regulator handle conical spring.
3. Peel off service hole cover.

4. Remove door window division bar
Remove parts (1) and (2), and remove the division bar.

5. Remove door glass
Remove the glass channel bolts, and pull out the window glass toward the top.

6. Replace door glass
 - (1) Separate the glass from the glass channel by tapping the glass channel with a wooden mallet.
 - (2) To install, apply soapy water on the weatherstrip and glass, and tap them into the glass channel with wooden mallet.
7. Install door glass
Install by performing the removal in reverse order.

**SEE
REAR DOOR TRIM REMOVAL
PAGE 2-18
&
REAR DOOR GLASS REPLACE-
MENT PAGE 2-20**

Fig. 2-53



QUARTER WINDOW GLASS REPLACEMENT

1. Remove door trim by performing the first 4 steps in Rear Door Trim Removal page 2-18.
2. Remove door window division bar
Reform 2, 3 and 4 steps in Rear Door Glass Replacement page 2-20.

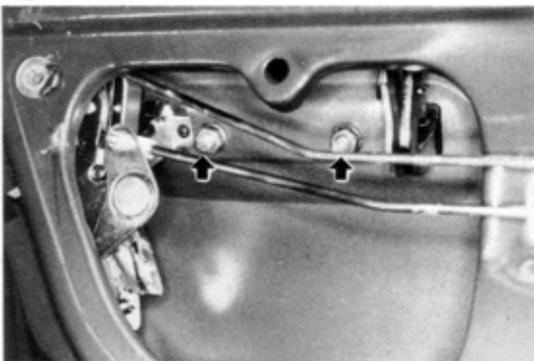
3. Remove quarter window glass with weatherstrip attached.
4. Remove weatherstrip
5. Install quarter window glass by performing the removal in reverse order.

OUTSIDE HANDLE REPLACEMENT

1. Remove door trim by performing the first 4 steps in Rear Door Trim Removal page 2-18.
2. Remove regulator handle conical spring.
3. Peel off service hole cover.

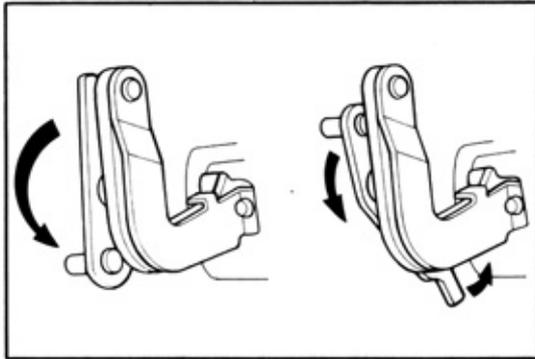
**SEE
REAR DOOR TRIM
REMOVAL PAGE 2-18**

Fig. 2-54



4. Remove outside handle
(1) Remove the outside handle mounting nuts.

Fig. 2-55



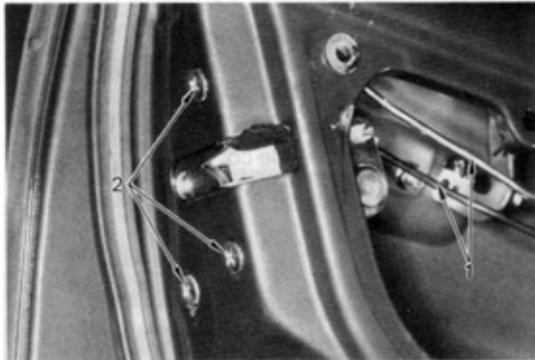
- (2) Turn the opening pin as shown, and remove the outside handle.
5. Install by performing the removal in reverse order.



REAR DOOR LOCK REPLACEMENT

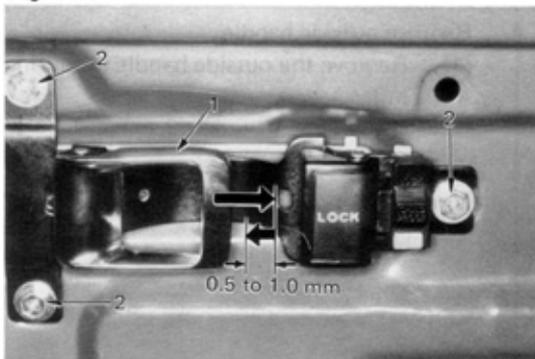
1. Remove door trim by performing the first 4 steps in Rear Door Trim Removal page 2-18.
2. Peel off service hole cover.

Fig. 2-56



3. Separate the two control links (1), loosen the door lock mounting screw (2), and remove the door lock assembly.
4. Install new door lock assembly and perform the removal in reverse order.

Fig. 2-57



REAR DOOR INSIDE HANDLE PLAY ADJUSTMENT

Shift inside handle assembly (1) forward and then return it 0.5 to 1.0 mm (0.02 to 0.04 in) from the point where the resistance suddenly increases and tighten (2) securely.

Fig. 2-58

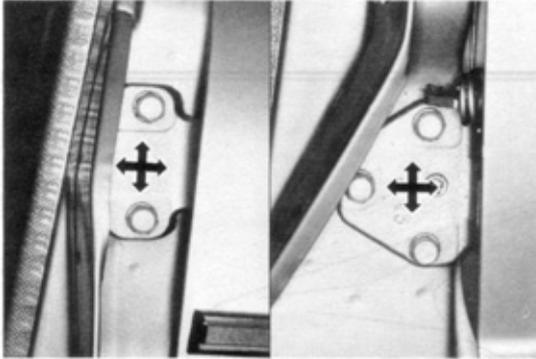
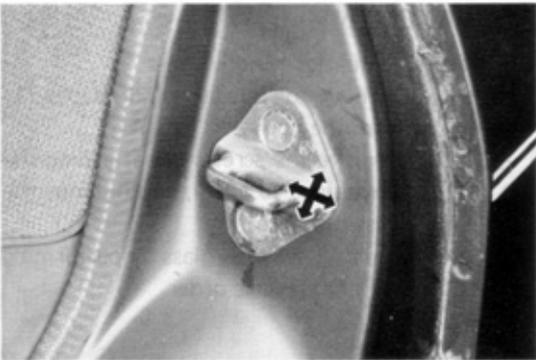


Fig. 2-59



Fig. 2-60



REAR DOOR ADJUSTMENT

1. Make the door front-rear direction, and door rear side up-down direction adjustments by loosening the hinge bolts at the pillar.
2. Make the door left-right direction (unevenness with fender), and door rear side up-direction adjustments by loosening the hinge bolts at the door.
3. If the door does not catch properly when closed, make the adjustment with the door lock striker.

QUARTER WINDOW (2-DOOR)

Fig. 2-61

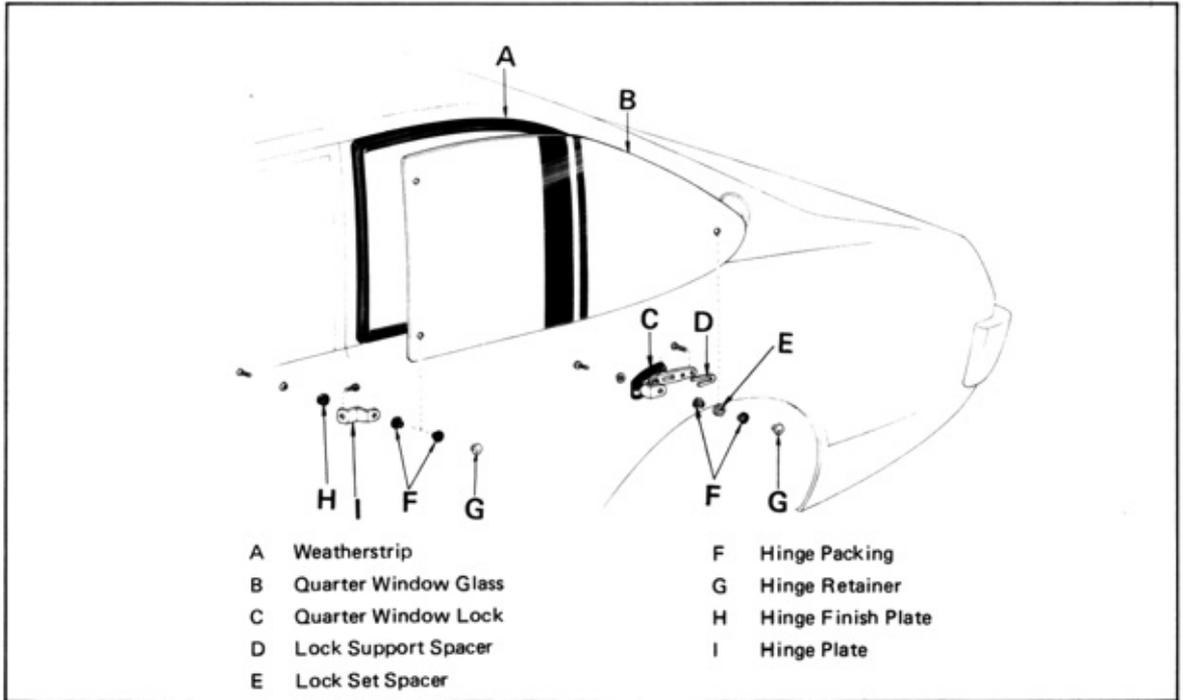
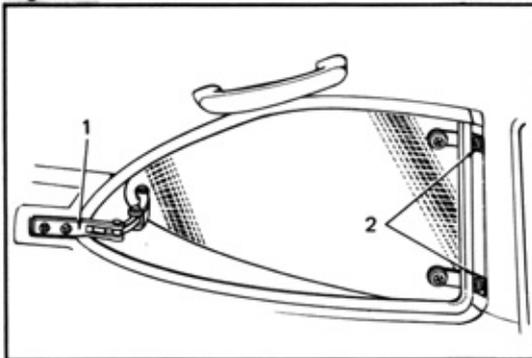


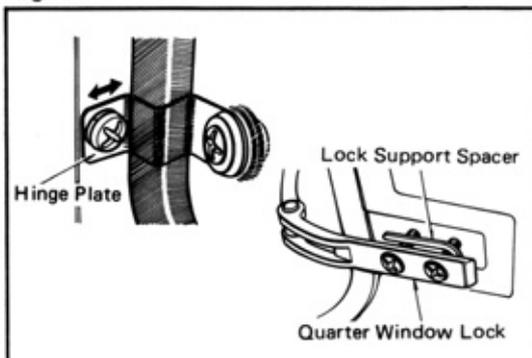
Fig. 2-62



QUARTER WINDOW GLASS REPLACEMENT

1. Remove quarter window glass
 - (1) Remove the quarter window lock (1) from the body.
 - (2) Remove the screws (2) attaching the glass hinge to body, and pull out the glass to the rear.
2. Install quarter window glass by performing the removal in reverse order.

Fig. 2-63

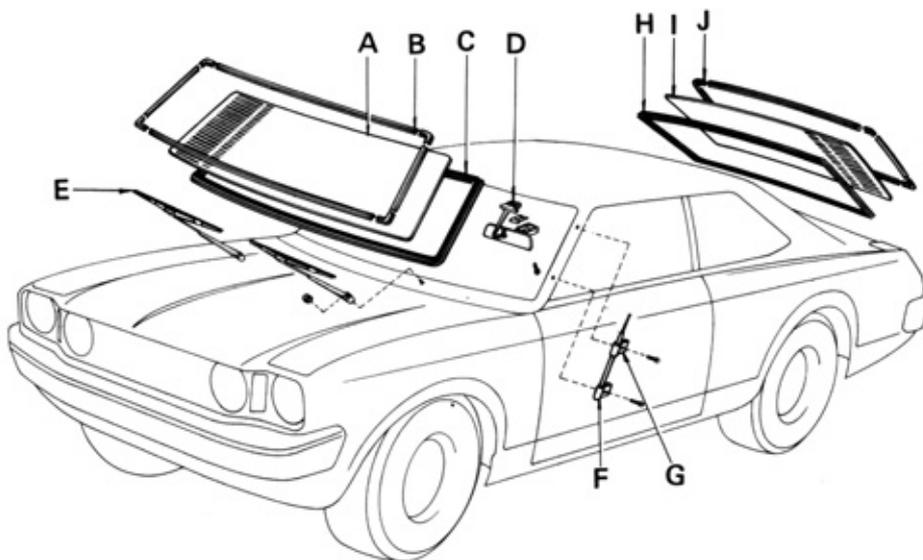


QUARTER WINDOW GLASS ADJUSTMENT

1. Make the adjustment of quarter glass position by shifting the hinge and lock.
2. In case the quarter window fails to close properly or is in poor contact with the weatherstrip, correct by increasing or decreasing the number of quarter window lock support spacers.

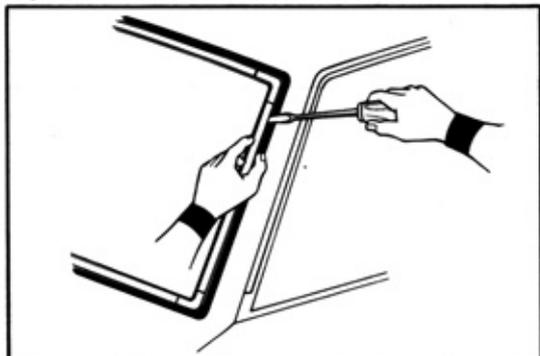
WINDSHIELD

Fig. 2-64



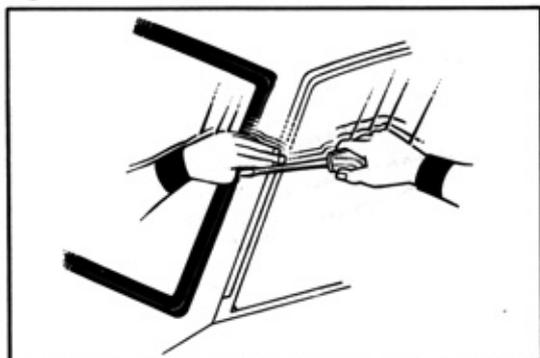
- | | | | |
|---|-------------------------------|---|------------------------------|
| A | Front Windshield Glass | F | Pillar Antenna Pole |
| B | Windshield Moulding | G | Antenna Holder |
| C | Front Windshield Weatherstrip | H | Rear Windshield Weatherstrip |
| D | Inner Rear View Mirror | I | Rear Windshield Glass |
| E | Wiper Arm & Blade | J | Rear Window Moulding |

Fig. 2-65

**WINDSHIELD GLASS REMOVAL**

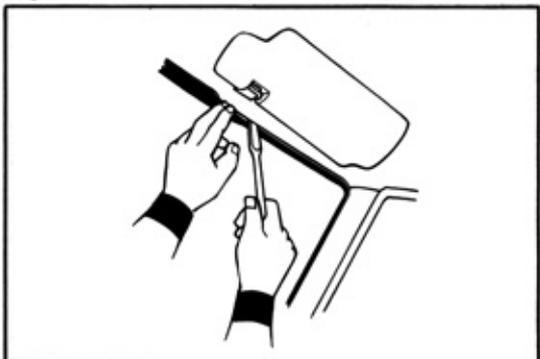
1. Remove the wiper arms, radio antenna and inner rear view mirror.
2. Remove the windshield moulding with a screwdriver or similar tool.

Fig. 2-66



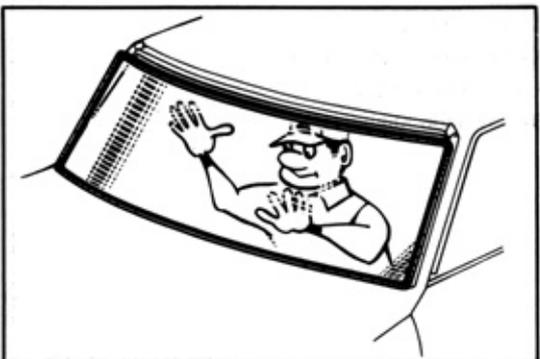
3. Using a screwdriver, remove the adhesive attaching the weatherstrip to the body.

Fig. 2-67



4. From inside the car, push out the weatherstrip upper side toward the outside with a screwdriver.

Fig. 2-68

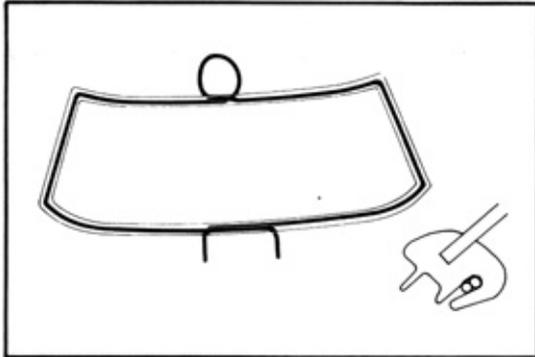


5. Push the glass surface near the upper side of the weatherstrip toward the outside, and remove the glass with the weatherstrip attached.

– Note –

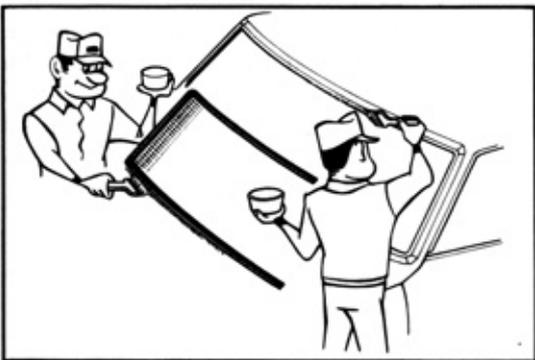
Push the glass out using uniform force.

Fig. 2-69

**WINDSHIELD GLASS INSTALLATION**

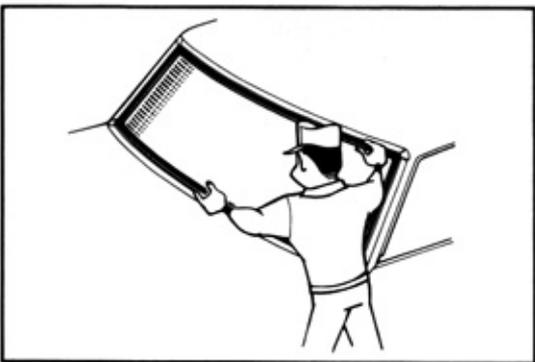
1. Mount the weatherstrip on the glass, and fit the installation cord in the weatherstrip body groove.

Fig. 2-70



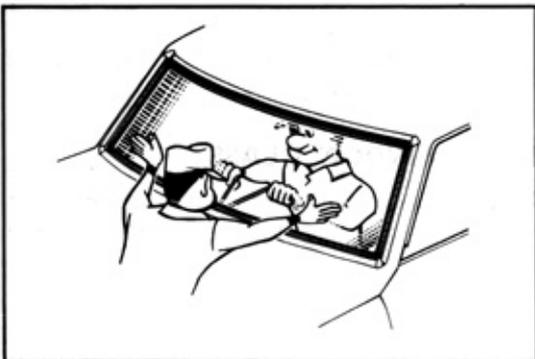
2. Apply soapy water on the weatherstrip and body contacting surfaces.

Fig. 2-71



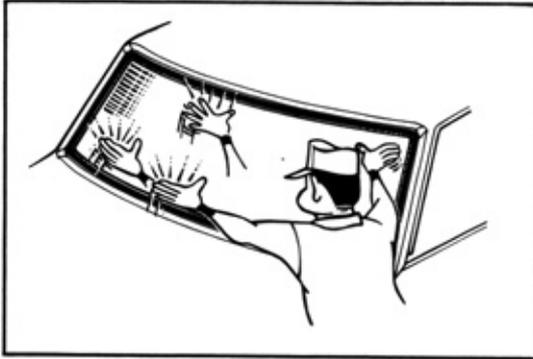
3. Position the windshield glass accurately on the body.

Fig. 2-72



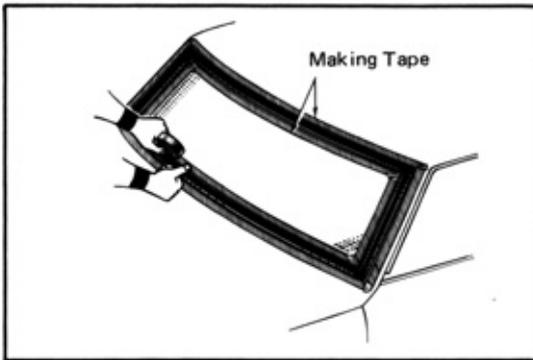
4. Pull the cords from inside the body, and at the same time, tap the glass surface near the weatherstrip with the palm of the hand from the outside, and begin installing from the lower center.

Fig. 2-73



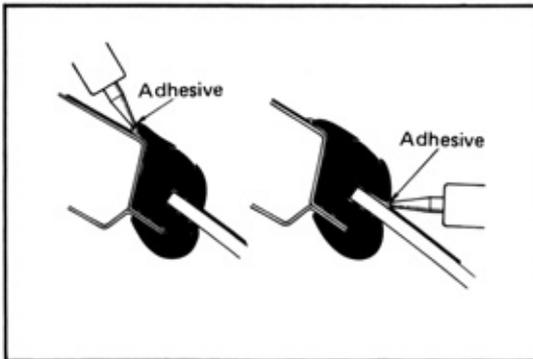
5. After installing the glass, tap it from the outside with the palm of the hand so it is fully seated.

Fig. 2-74



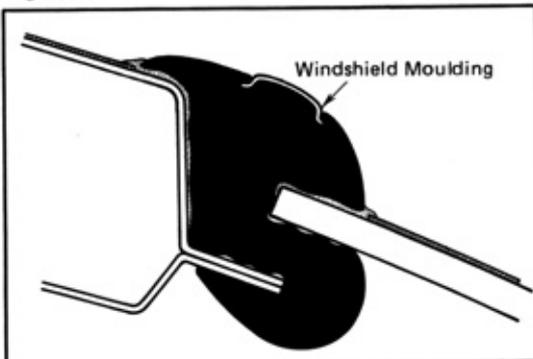
6. Fill adhesive into the space between the weatherstrip and body, and between the weatherstrip and glass.
 - (1) Place masking tape on the windshield glass and body beforehand so as to allow easy removal of adhesive that oozes out.

Fig. 2-75



- (2) Fill in the adhesive from the outside.

Fig. 2-76



7. Install the windshield moulding.
8. Install the wiper arms, radio antenna and inner rear view mirror.

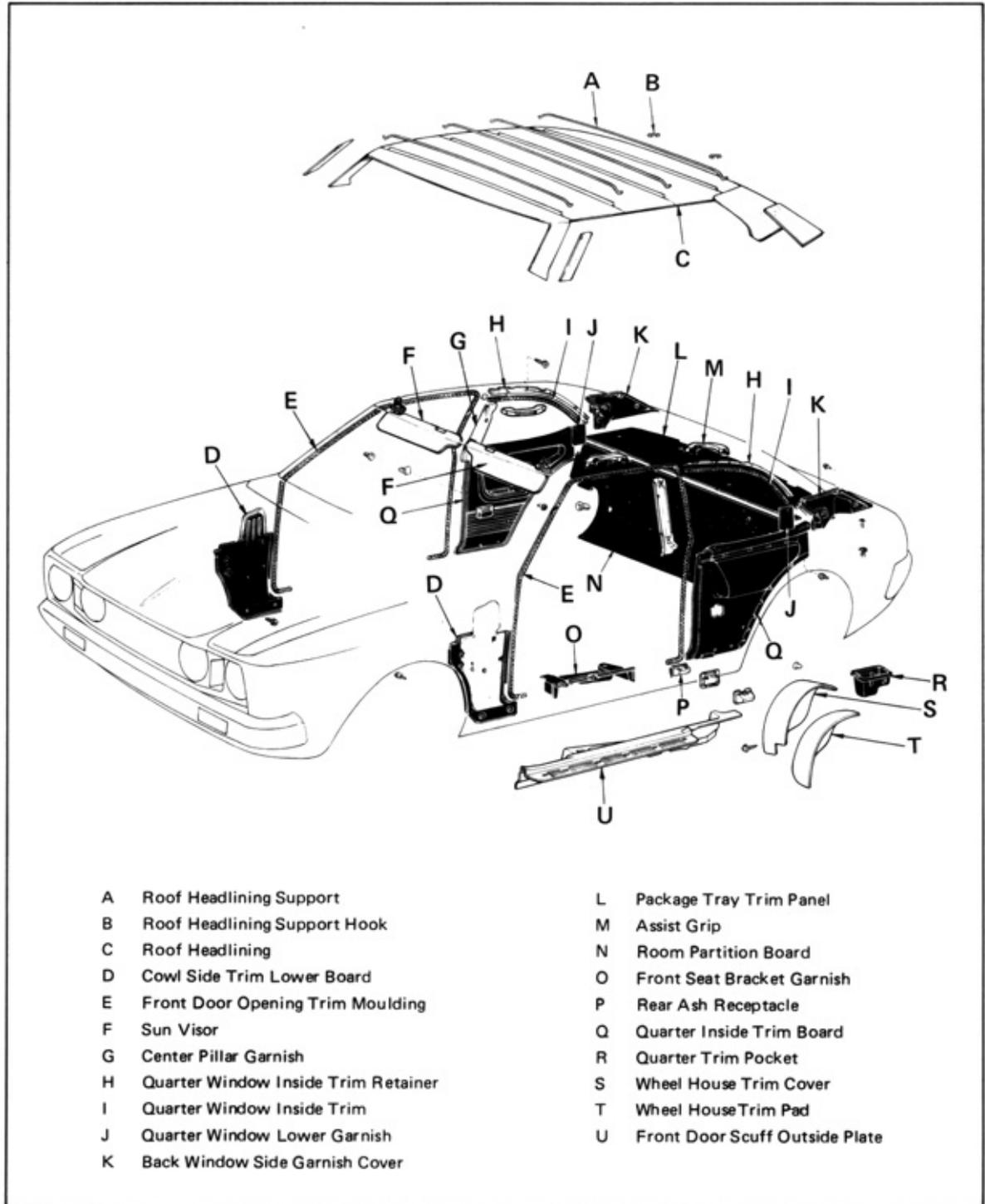
BACK WINDOW GLASS

Installation of back window glass is performed by same procedures for installing windshield glass.

INTERIOR

Carina 2-Door

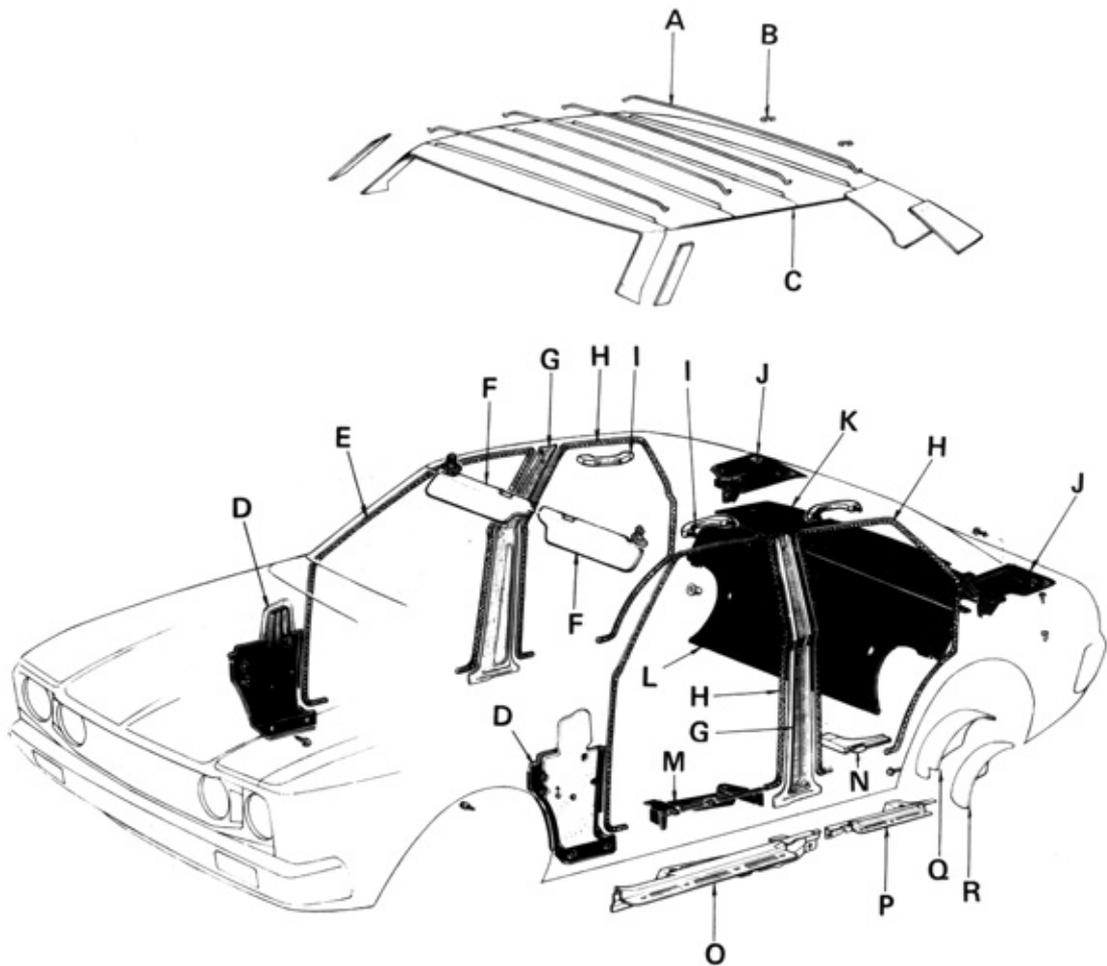
Fig. 2-77



- | | | | |
|---|-------------------------------------|---|--------------------------------|
| A | Roof Headlining Support | L | Package Tray Trim Panel |
| B | Roof Headlining Support Hook | M | Assist Grip |
| C | Roof Headlining | N | Room Partition Board |
| D | Cowl Side Trim Lower Board | O | Front Seat Bracket Garnish |
| E | Front Door Opening Trim Moulding | P | Rear Ash Receptacle |
| F | Sun Visor | Q | Quarter Inside Trim Board |
| G | Center Pillar Garnish | R | Quarter Trim Pocket |
| H | Quarter Window Inside Trim Retainer | S | Wheel House Trim Cover |
| I | Quarter Window Inside Trim | T | Wheel House Trim Pad |
| J | Quarter Window Lower Garnish | U | Front Door Scuff Outside Plate |
| K | Back Window Side Garnish Cover | | |

Carina 4-Door

Fig. 2-78

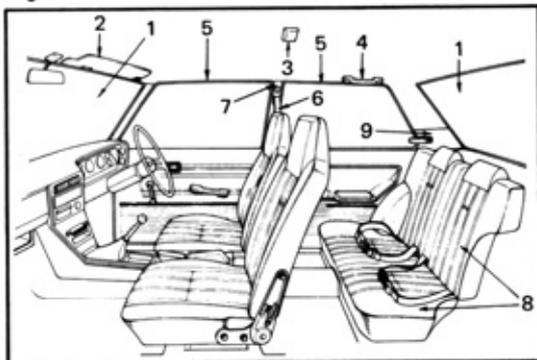


- A Roof Headlining Support
- B Roof Headlining Support Hook
- C Roof Headlining
- D Cowl Side Trim Lower Board
- E Front Door Opening Trim Moulding
- F Sun Visor
- G Center Pillar Garnish
- H Rear Door Opening Trim Moulding
- I Assist Grip

- J Back Window Side Garnish Cover
- K Package Tray Trim Panel
- L Room Partition Board
- M Front Seat Bracket Garnish
- N Rear Seat Side Garnish
- O Front Door Scuff Outside Plate
- P Rear Door Scuff Outside Plate
- Q Wheel House Trim Cover
- R Wheel House Trim Pad

**SEE
WINDSHIELD SERVICE
PAGE 2-26 TO 2-28**

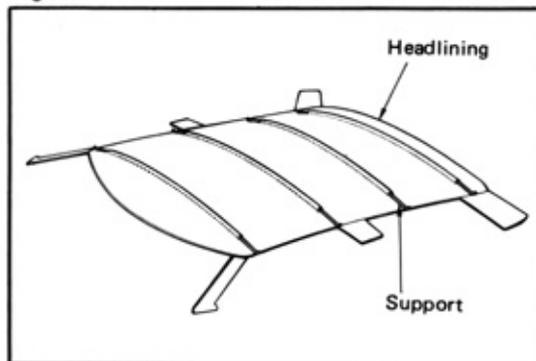
Fig. 2-79



ROOF HEADLINING REPLACEMENT

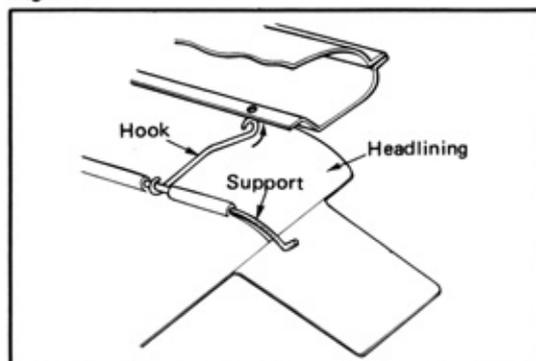
1. Remove the following parts
 - (1) Windshield glass & back window glass
(For removal procedures, refer to page 2-26 to 2-28).
 - (2) Sun visors
 - (3) Room light
 - (4) Assist grip
 - (5) Door opening trim
 - (6) Seat belt
 - (7) Center pillar garnish
 - (8) Rear seat cushion & seat back
 - (9) Back window side garnish
2. Remove the headlining.
 - (1) Loosen the headlining adhered parts, and separate the headlining from body.
 - (2) Remove the headlining, with supports attached, from the front side.

Fig. 2-80



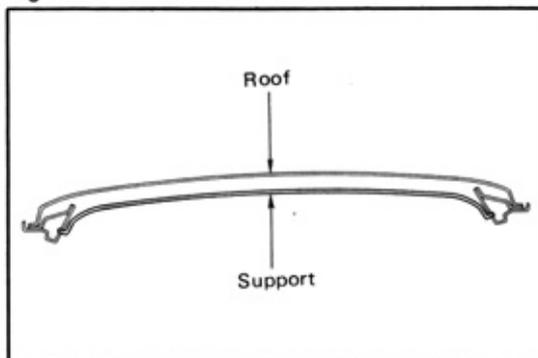
3. Clean off the roof surface where the headlining had been adhered.
4. Insert the four supports into new roof headlining.

Fig. 2-81



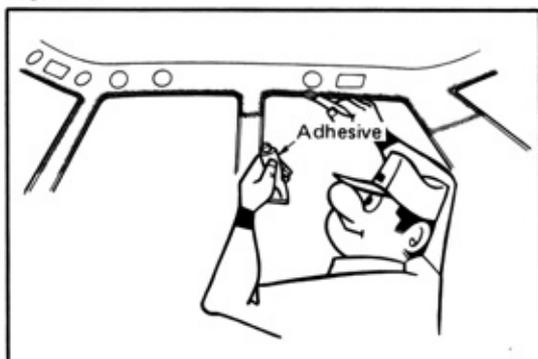
5. Install only the rear headlining support into the holes in roof side rails, and after rotating it a half turn in the arrow direction as shown in Fig. 2-82, attach the supports hooks.

Fig. 2-82



6. Install the headlining supports on the roof, starting from the rear end.

Fig. 2-83

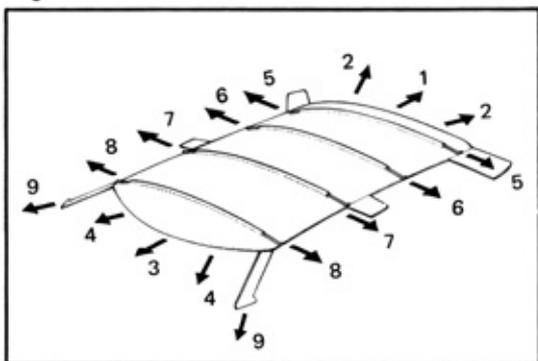


7. Apply adhesive on the parts of body where the headlining is to be adhered.
8. Apply adhesive on the edges of headlining.

– Note –

Allow the adhesive to set until half dry (3 ~ 5 minutes) before starting to install the headlining.

Fig. 2-84



9. Install the headlining as shown in Fig. 2-85, by stretching it out in arrow directions in the numbered order.
10. Complete the remainder of installation by performing the removal procedures in reverse order.

Fig. 2-85



11. If wrinkles develop after installing, stretch out the wrinkled parts by heating with an infra-red lamp.

INSTRUMENT PANEL

SAFETY PAD REMOVAL

Removal in the numbered order shown below.

Fig. 2-86

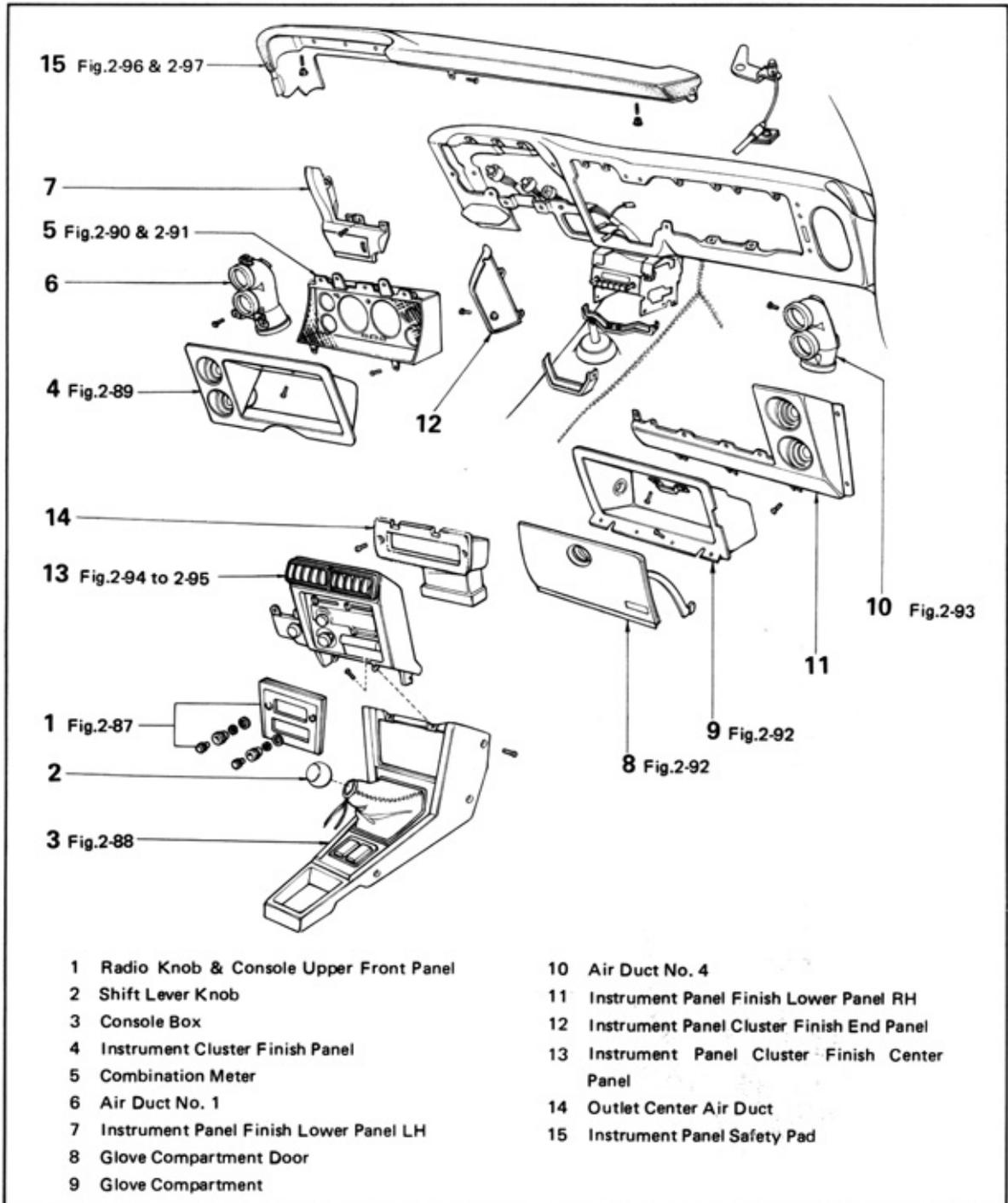
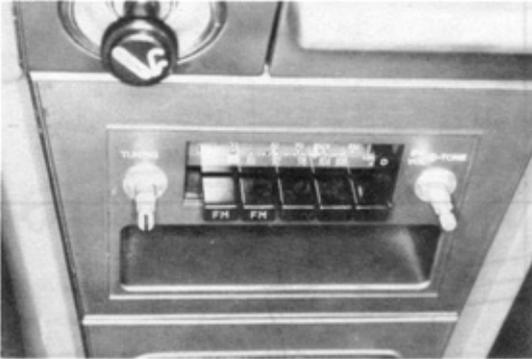
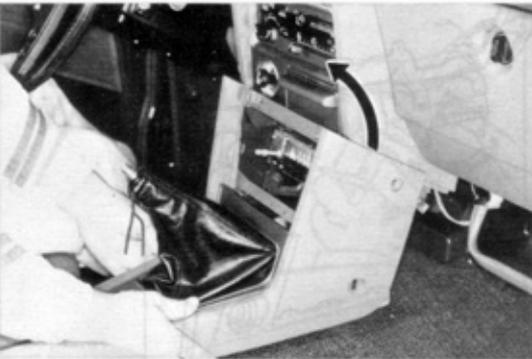


Fig. 2-87

**SAFETY PAD REMOVAL**

1. Console upper front panel (Item 1)
Pull out the radio knobs, remove the shaft mounting nut, and remove the console upper front panel.

Fig. 2-88



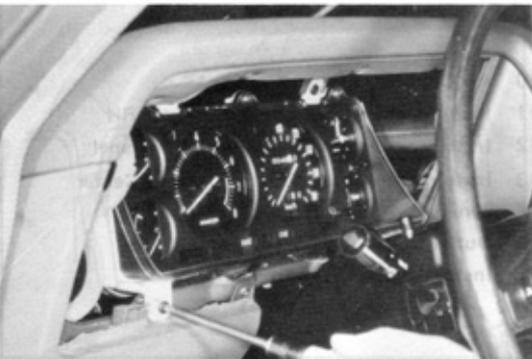
2. Console box (Item 3)
Remove the 8 mounting nuts, and remove the console box by lifting up the front while pushing it to the rear.

Fig. 2-89



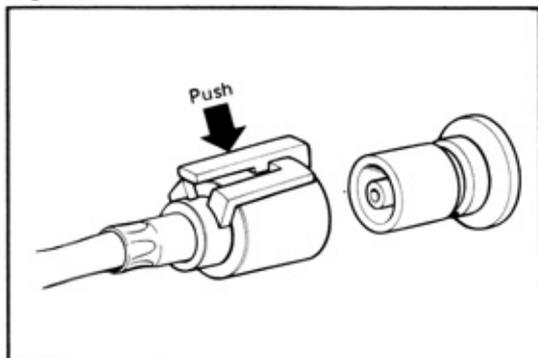
3. Instrument cluster finish panel (Item 4)
Remove the 4 mounting screws, and remove the cluster finish panel by pulling down at its lower part.

Fig. 2-90



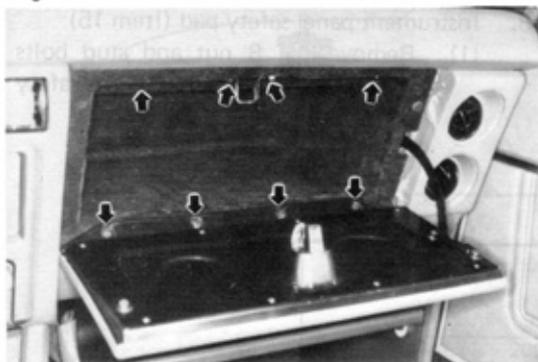
4. Combination meter (Item 5)
 - (1) Remove the 4 mounting screws, unplug the wire connector at the meter back side, and disconnect the speedometer cable.

Fig. 2-91



- (2) Press the lock release lever at the speedometer cable socket and separate the speedometer cable.

Fig. 2-92



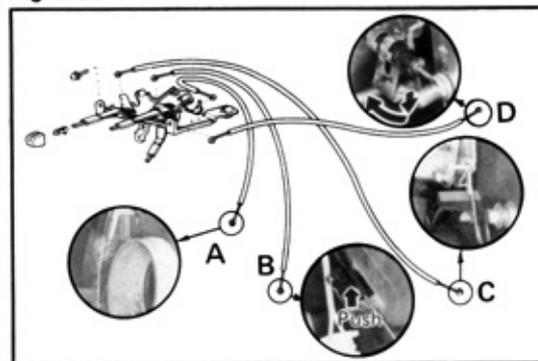
5. Glove compartment and door (Item 8 & 9)
Remove the 8 screws indicated by arrows, and take off glove compartment door and glove compartment.

Fig. 2-93



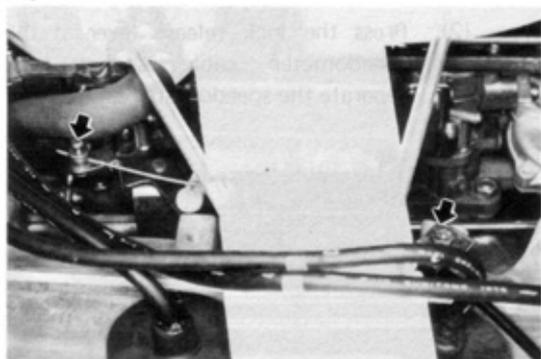
6. Air duct, No.4 (Item 10)
Remove the 2 screws mounting the air duct No.1, and take off the instrument panel finish lower right.

Fig. 2-94



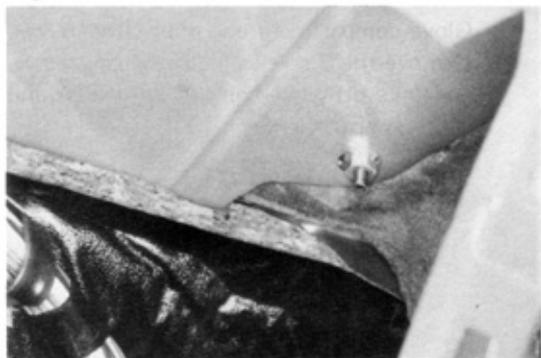
7. Instrument panel cluster finish center panel (Item 13)
(1) Disconnect the four heater control cables from:
- A. Defroster damper
 - B. Air mixture damper
 - C. Air inlet damper
 - D. Water valve

Fig. 2-95



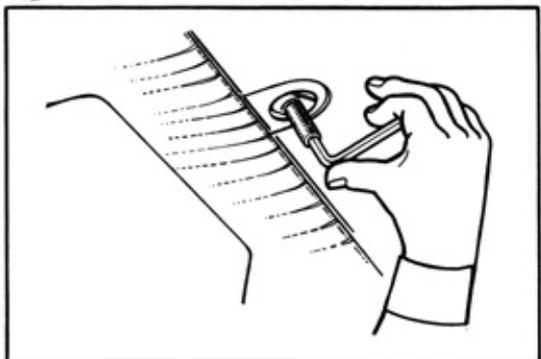
- (2) Disconnect the choke control cable at the engine end.
(For models with 2T-B engine)
- (3) Unplug the connector for heater blower switch and heater control panel light.

Fig. 2-96



8. Instrument panel safety pad (Item 15)
 - (1) Remove the 8 nut and stud bolts attaching the back side of the safety pad.

Fig. 2-97



- (2) Use a hexagon wrench in removing the stud bolts.



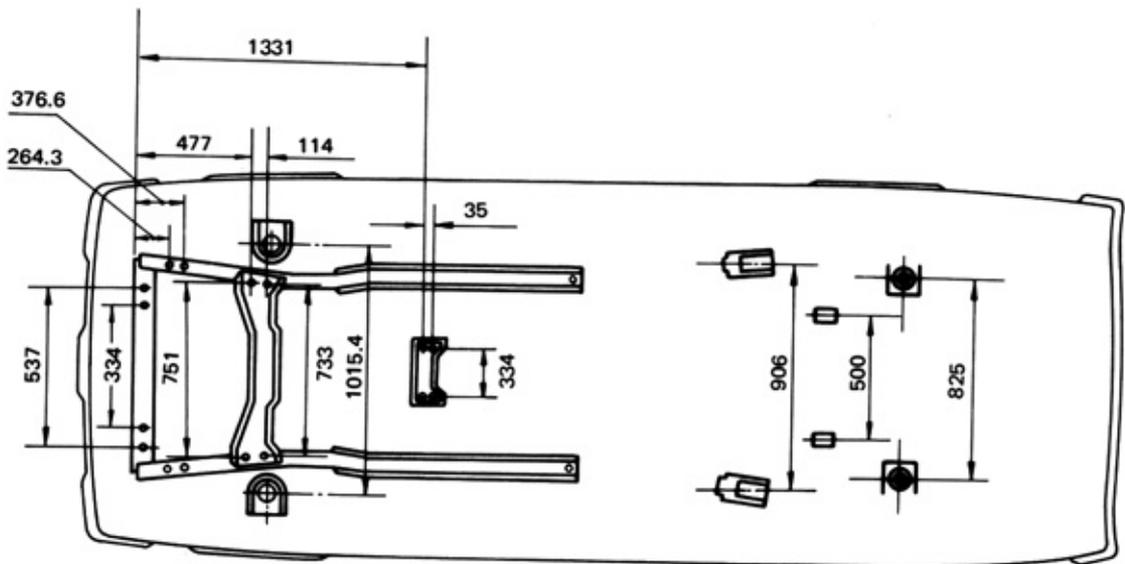
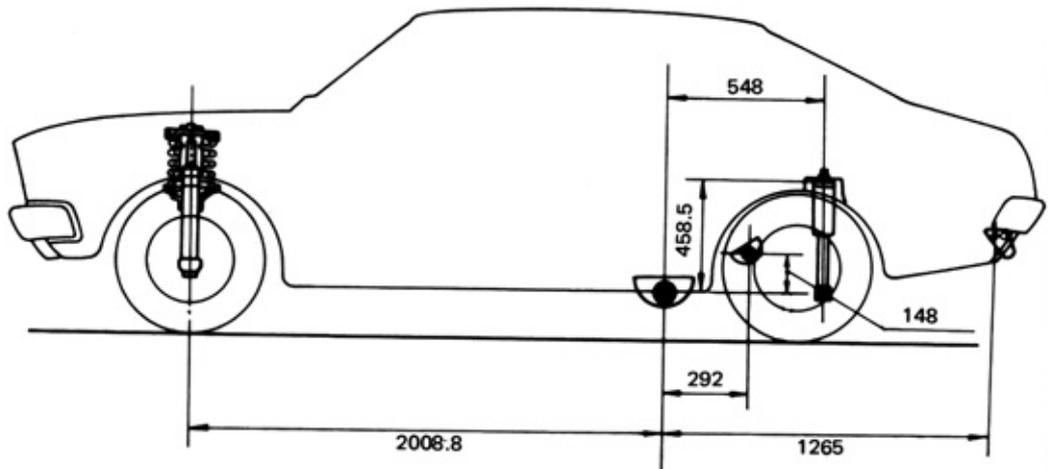
SAFETY PAD INSTALLATION

Perform the removal in reverse order.

IMPORTANT BODY DIMENSIONS

Fig. 2-98

All dimensions are shown in mm.



(mm)

MEMO
