

CHAPTER 10

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HOOD & HINGE

Removal

1. Raise hood.
2. Remove hood panel.

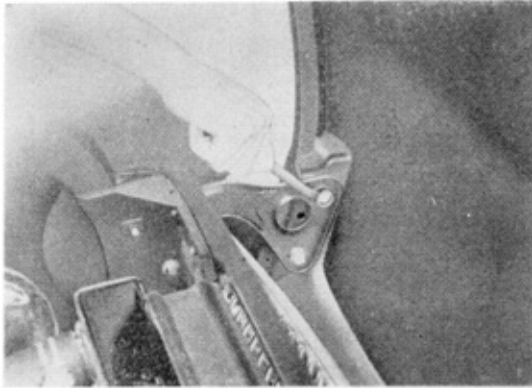


Fig. 10-1 Removing Hood Panel

3. Remove battery.
4. Remove radiator grille with support bracket.

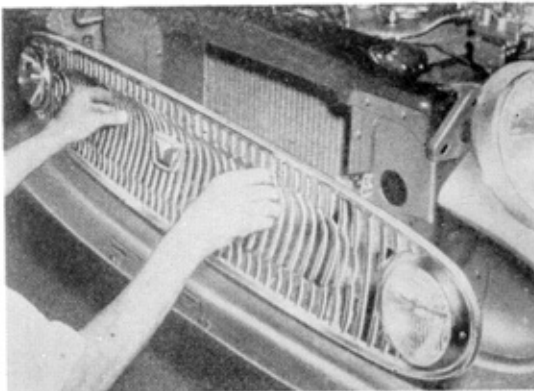


Fig. 10-2 Removing Radiator Grille

5. Remove hood hinge.

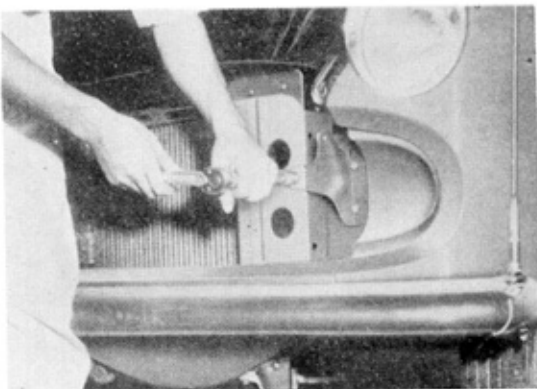


Fig. 10 3 Removing Hood Hinge

Installation

Follow "REMOVAL" in reverse order.

Adjustment

Hood Hinge Arm \times Hood

Front and Rear ± 3.5 mm (0.14")

Hood Hinge Bracket \times Body

Right and Left ± 3.0 mm (0.12")

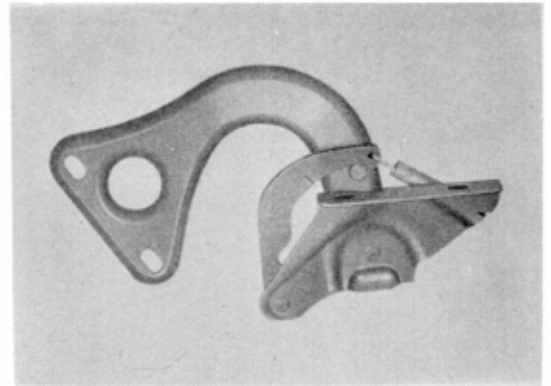


Fig. 10-4 Hood Hinge

HOOD HOOK

Removal

1. Remove hook assembly.
2. Disassemble into hook retainer, spring and seat.

Installation

Follow "REMOVAL" in reverse order.

Adjustment

Hook Retainer \times Hood

Front and Rear ± 3.0 mm (0.12")

Up and Down ± 5.0 mm (0.2")

HOOD LOCK

Removal

1. Remove hood lock.

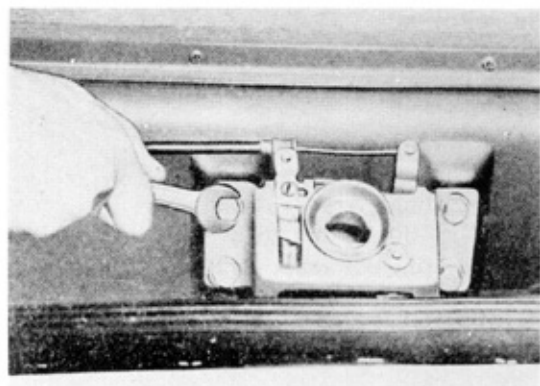


Fig. 10-5 Removing Hood Lock

2. Remove control wire from bracket.

Installation

Follow "REMOVAL" in reverse order.

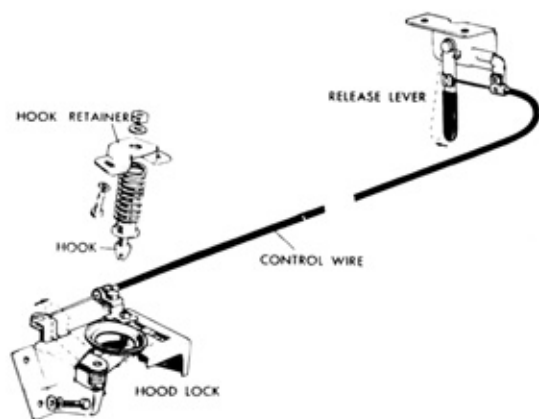


Fig. 10-6 Hood Lock, Hook & Release Lever

Adjustment

To adjust hood lock, remove the polyethylene plug at the front of the cowl ventilator housing from the vehicle interior and decide the direction and amount of adjustment by visual check on the condition of the hood hook.

The hole provided at the front of the cowl ventilator also serves as a service hole to directly operate the lock in such case as the hood lock release has become inoperative.

Hood Lock × Cowl Ventilator Housing
Right and Left ± 3.5 mm (0.4")

HOOD LOCK LEVER & CONTROL WIRE

Removal

1. Remove lock lever assembly.
2. Remove lever side of control wire.
3. Remove lock side of control wire and pull out the wire.

Installation

Follow "REMOVAL" in reverse order.

RADIATOR GRILLE

Removal

1. Disconnect three wires leading to front turn signal lamp at the connector in the engine compartment.
2. Remove bolts attaching turn signal lamp rim.
Turn the lamp to the left (counterclockwise) and remove the lamp.
3. Remove lamp body from radiator grille.
4. Remove radiator grille.
5. Remove grille center mark.

Installation

Follow "REMOVAL" in reverse order.

FRONT FENDER

Removal

1. Remove front bumper.



Fig. 10-7 Removing Front Bumper

2. Remove fender.

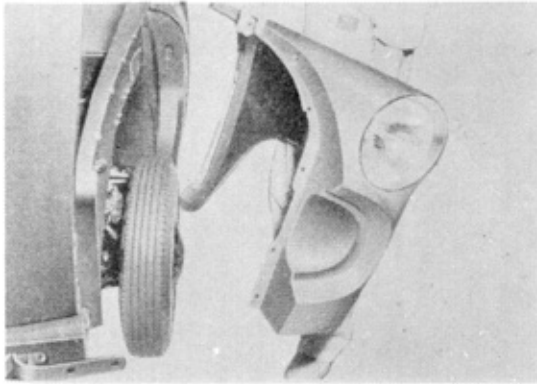


Fig. 1 3 Removing Fender

Note: Remove 9 tapping screws (AHT 7016 Z) and 3 bolts (JBN 0615 Z) and remove the fender taking care not to damage the surface.

3. Remove headlamp.

4. Remove nuts at inside of fender and remove headlamp housing from fender.

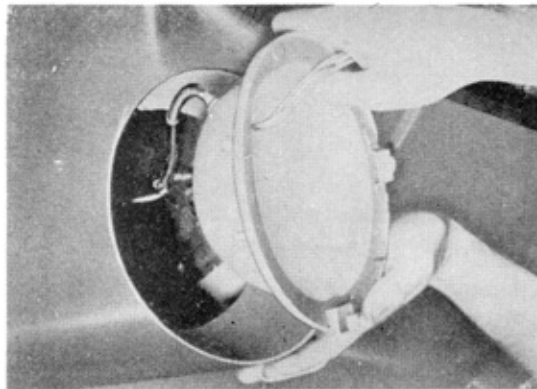


Fig. 10-9 Removing Headlamp Housing

Installation

Follow "REMOVAL" in reverse order.

Note: Aim headlamps after installation.
(See page 9-3 "HEADLAMP")

FRONT DOOR HINGE**Removal**

1. Remove door inside handle and window regulator handle using Handle Shaft Snap Ring Remover (PT20 SST-2093)

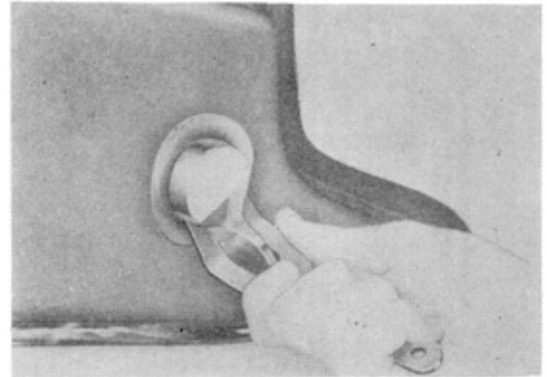


Fig. 10-10 Removing Door Inside Handle

2. Unscrew door lock push button then remove it.

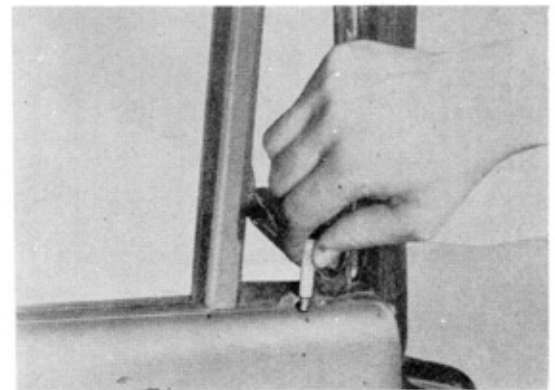


Fig. 10-11 Removing Push Button

3. Remove tapping screw under the arm rest, then remove arm rest

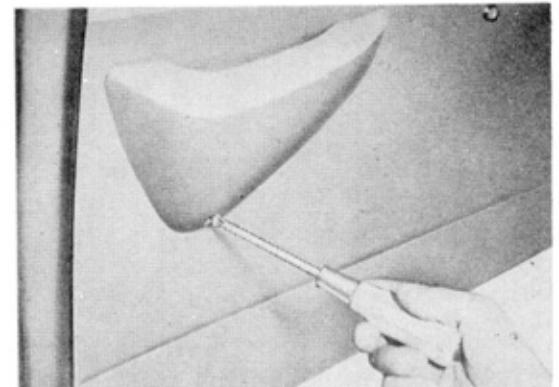


Fig. 10 12 Removing Tapping Screw

4. Remove arm rest hanger.
5. Remove front door trim.

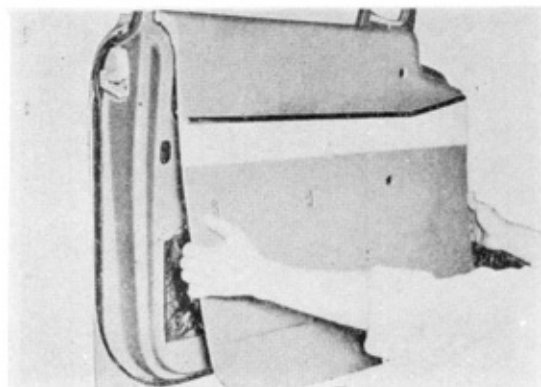


Fig. 10-13 Removing Door Trim

6. Remove door assembly from door hinge.
7. Remove front door hinge.

Installation

Follow "REMOVAL" in reverse order.

Adjustment

Hinge Bracket × Front Pillar
Right and Left ± 2.5 mm (0.1")

Hinge Arm × Front Door
Front and Rear ± 2.5 mm (0.1")

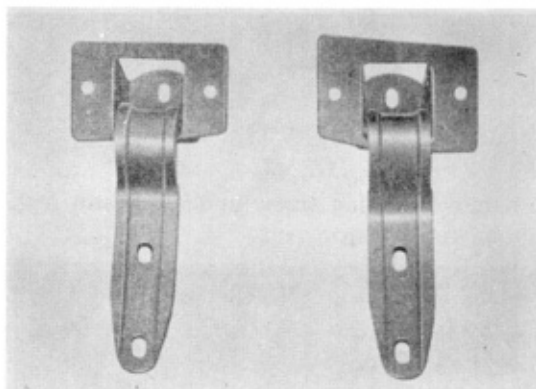


Fig. 10-14 Front Door Hinges

FRONT DOOR

Disassembly

1. Remove door inside handle and window regulator handle using Handle Shaft Snap Ring Remover (PT20 SST-2093).
2. Unscrew door lock push button.
3. Remove tapping screw under the arm rest, then remove arm rest.
4. Remove arm rest hanger.

5. Remove front door trim.
6. Remove door glass stopper stay.

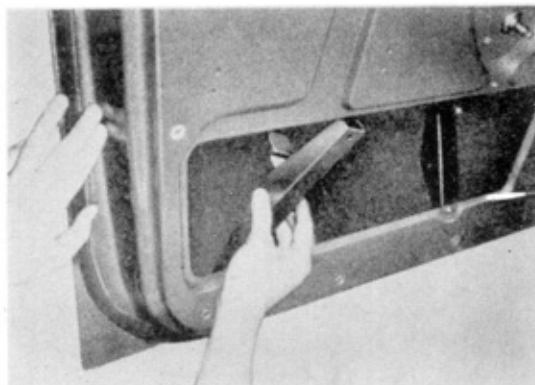


Fig. 10-15 Removing Stay

7. Remove division bar lower support bracket.
8. Remove door outside handle and door lock.

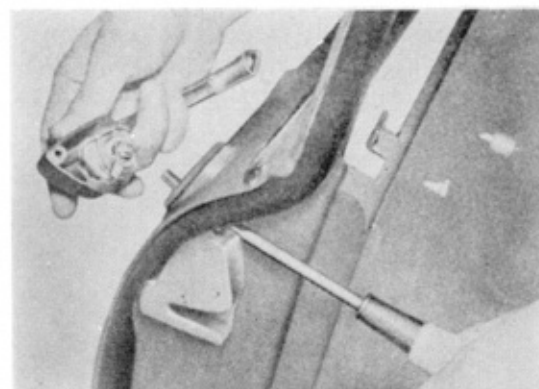


Fig. 10-16 Removing Door Outside Handle

9. Disconnect door lock remote control link from door lock, then remove remote control assembly.

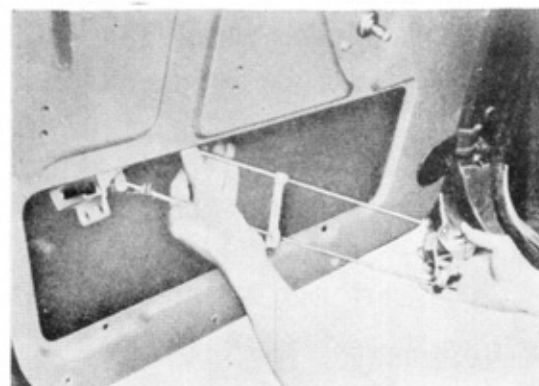


Fig. 10-17 Taking out Remote Control Assembly

10. Remove division bar lower.
11. Remove door regulator.

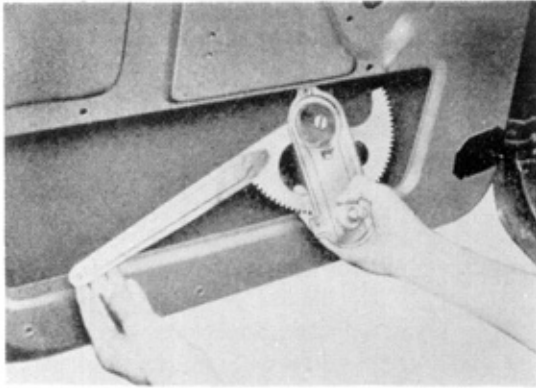


Fig. 10-18 Taking out Door Regulator

12. Remove door glass guide rail.
13. Take out door glass through the opening at door.

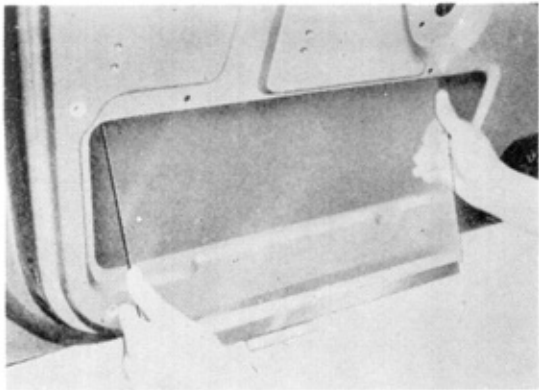


Fig. 10-19 Taking out Door Glass

14. Remove vent door.



Fig. 10-20 Removing Vent Door

Assembly

Follow "DISASSEMBLY" in reverse order.

Caution:

- a. Before installation check that door glass run, weatherstrip, etc. are installed correctly.
- b. Take care not to drop bolt, washer and other minor parts in the door.
- c. When installing door out side handle, adjust knob after making sure that the pad is installed correctly.
- d. Paste up vinyl cover firmly over the service hole.

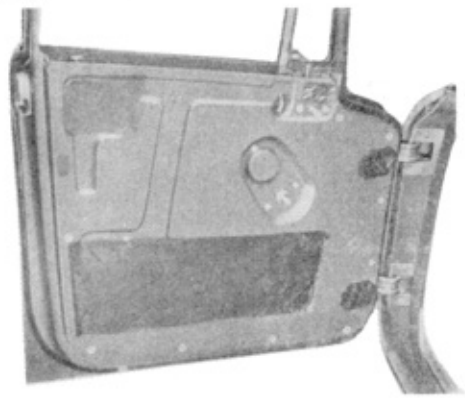


Fig. 10-21 Pasting up Vinyl Cover

- e. Hook the upper portion of the door trim on the claw and put retainers on the holes to tap them in by hand.
- f. When installing window regulator handle, install snap ring from the opposite side of the handle arm, insert handle shims and install the handle on the shaft. The handle should be located 45 degrees downward facing front with the door window fully closed.

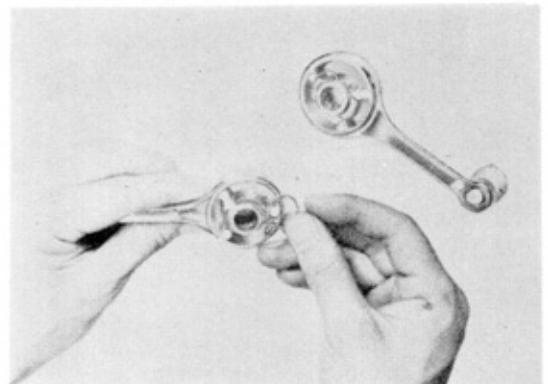


Fig. 10-22 Installing Snap Ring

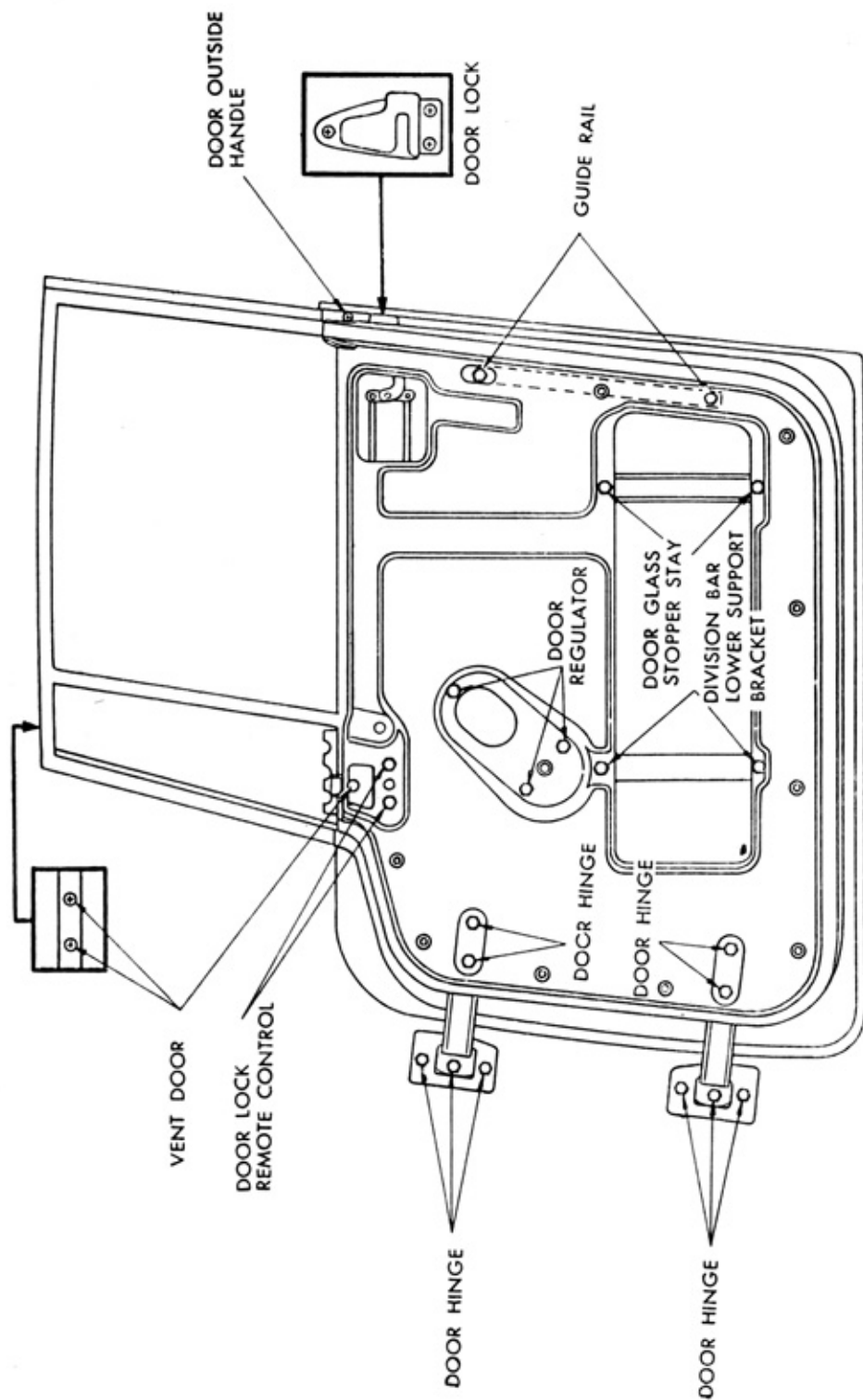


Fig. 10-23 Mounting Bolts Locations (Front Door)

- g. The door inside handle should also be installed 45 degrees downward facing front.

REAR DOOR HINGE

Removal

1. Remove door inside handle and window regulator handle using Handle Shaft Snap Ring Remover (PT20 SST-2093).
2. Unscrew door lock push button.
3. Remove tapping screw under the arm rest, then remove arm rest.
4. Remove arm rear hanger.
5. Remove rear door trim.
6. Remove door assembly from door hinge.
7. Remove door hinge.

Installation

Follow "REMOVAL" in reverse order.

Adjustment

- Rear Door Hinge × Center Pillar
Right and Left ± 2.5 mm (0.1")
- Rear Door Hinge × Rear Door
Front and Rear ± 2.5 mm (0.1")

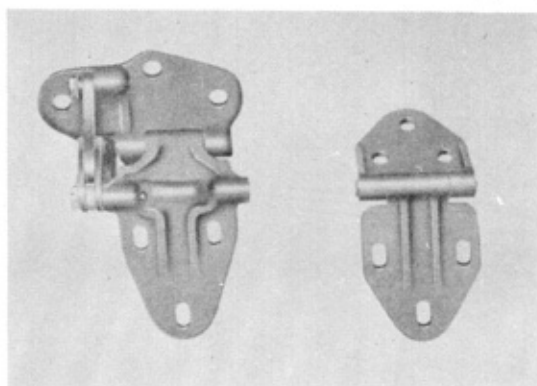


Fig. 10 24 Rear Door Hinges

REAR DOOR

Removal

1. Remove door inside handle and window regulator handle using Handle Shaft Snap Ring Remover (PT20 SST-2093).
2. Unscrew door lock push button.
3. Remove tapping screw under the arm rest, then remove arm rest.

4. Remove arm rest hanger.
5. Remove rear door trim.
6. Remove link of the door lock remote control from the door lock, and remove remote control assembly.
7. Remove door outside handle.
Remove door lock.
9. Remove door glass stopper stay.

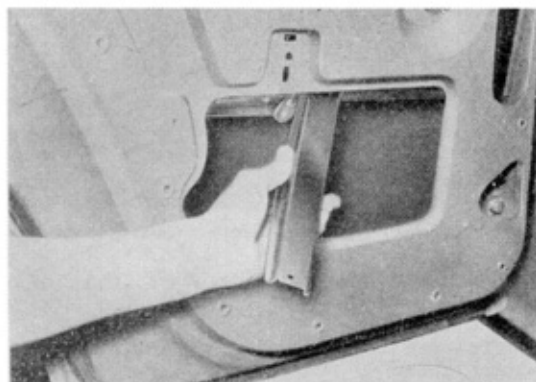


Fig. 10-25 Removing Stay

10. Remove door regulator.

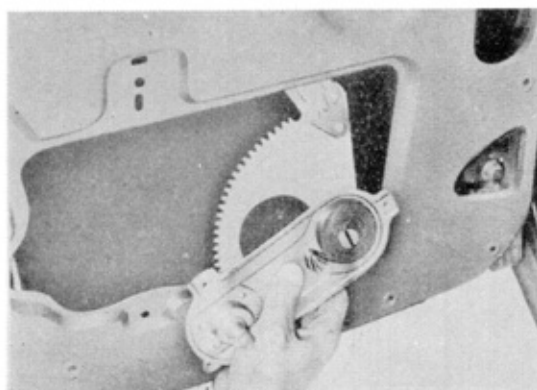


Fig. 10 26 Removing Door Regulator

11. Remove door glass guide rail.

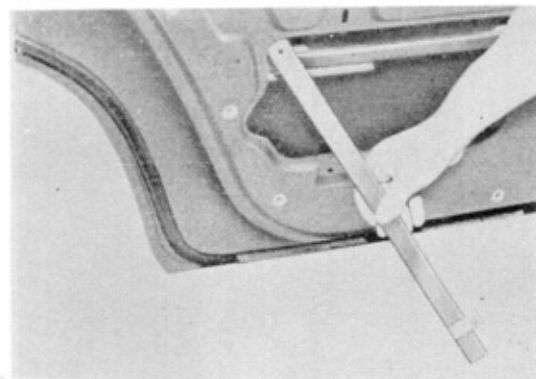


Fig. 10 27 Removing Guide Rail

12. Remove division bar and pull out toward the upper inside.

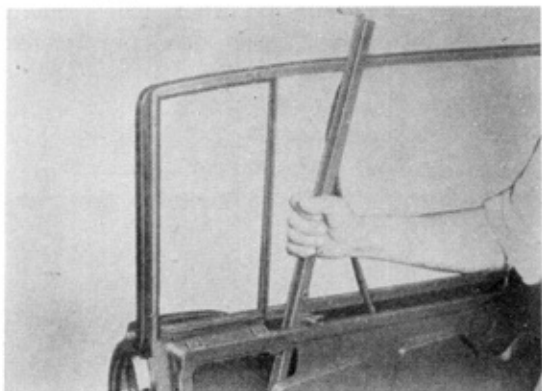


Fig. 10-30 Removing Quarter Window Glass

13. Pull out door glass toward the upper inside.



Fig. 10-29 Pulling out Door Glass

14. Remove quarter window glass.



Fig. 10-28 Pulling out Division Bar

Installation

Follow "REMOVAL" in reverse order.
Caution: Take the same cautions as given for "FRONT DOOR".

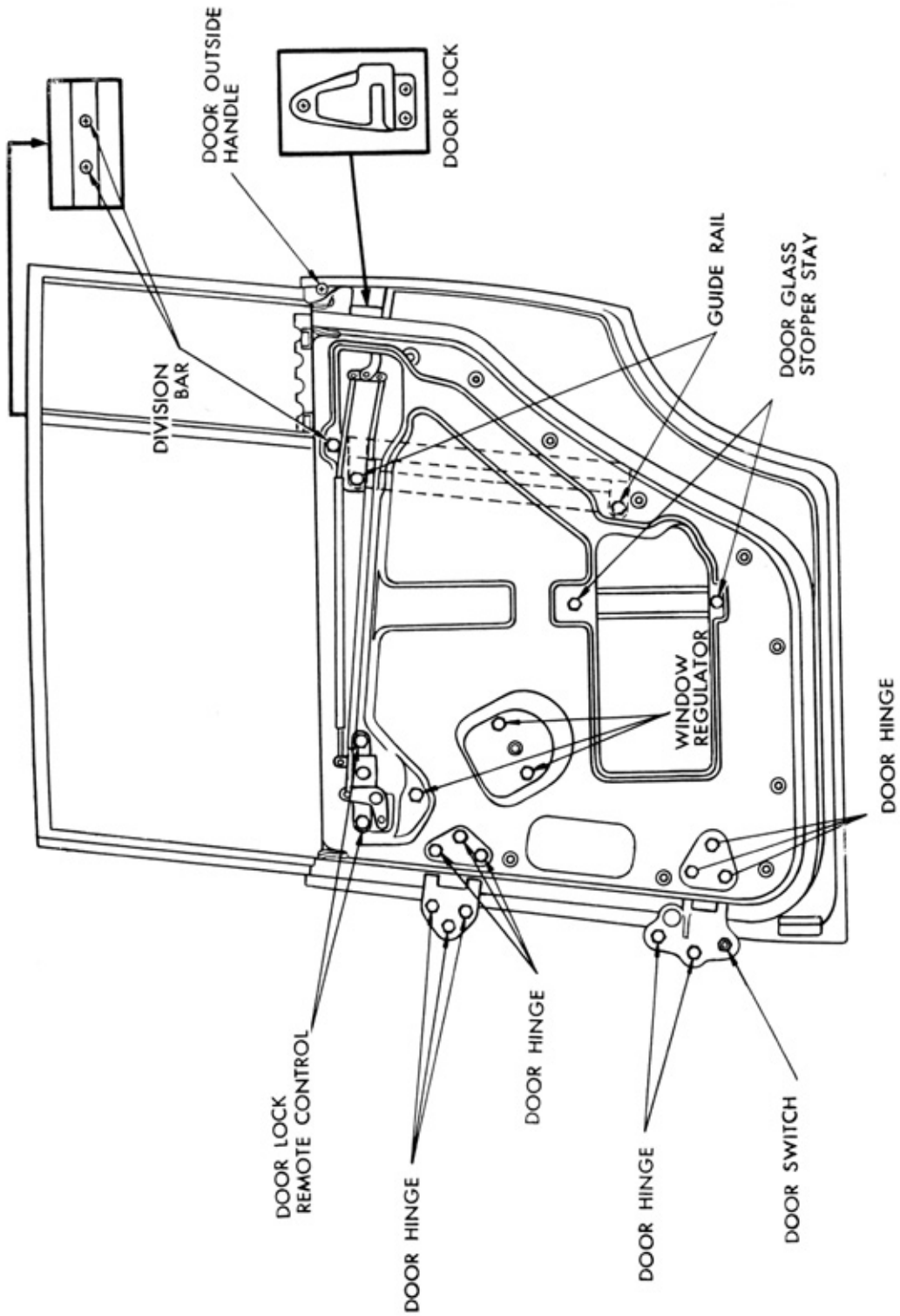


Fig. 10-31 Mounting Bolts Locations (Rear Door)

DOOR LOCK

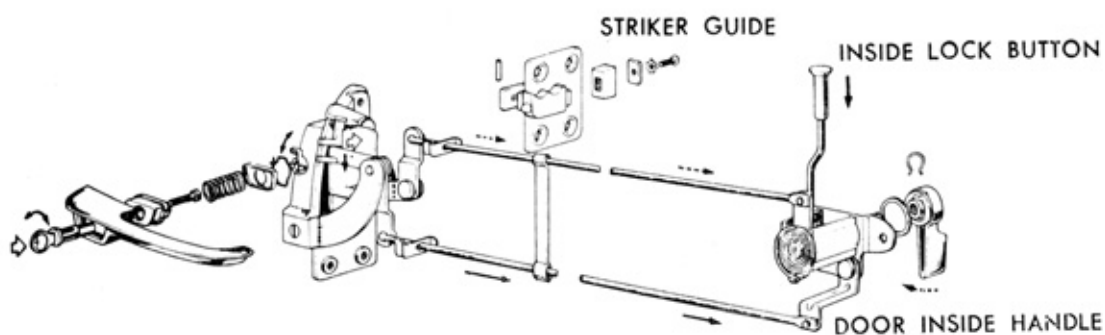


Fig. 10 32 Door Lock Front

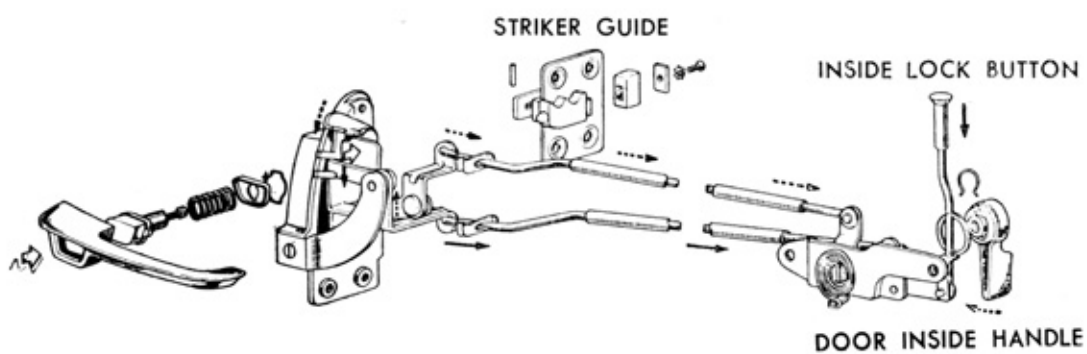


Fig. 10-33 Door Lock Rear

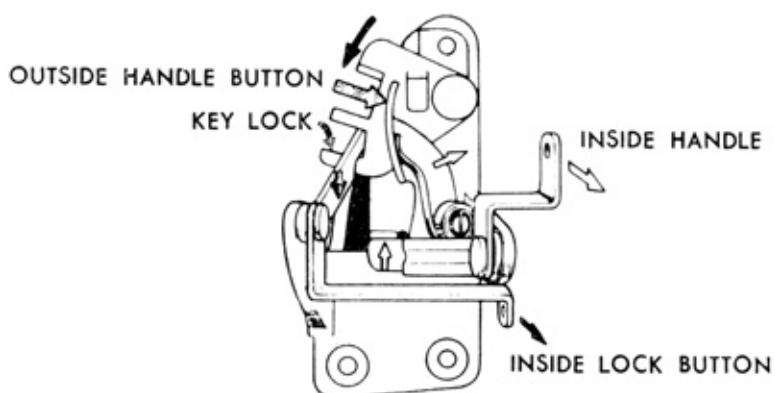


Fig. 10-34 Door Lock

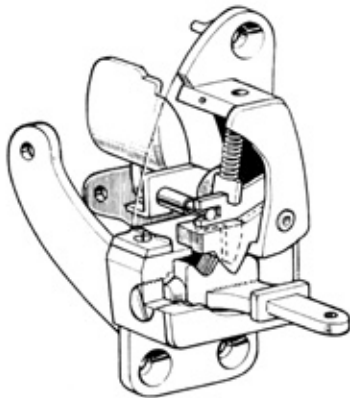


Fig. 10-35 Door Lock : Locked

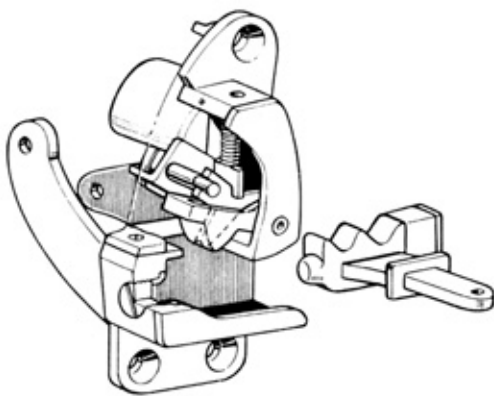


Fig. 10-36 Door Lock : Released

Adjustment

a. Door Lock

Adjust by adjusting screw when the door is normally locked so that the end of the striker will fit in the nylon ring.

b. Door Lock Striker

Right and Left ± 2.0 mm (0.1")

Up and Down ± 1.5 mm (0.06")

Front and Rear ± 1.5 mm (0.06")

"Front and Rear" direction can be adjusted by adding or reducing the adjusting shims. PT20 65493 (t=1mm).

TRUNK LID & HINGE

Removal

1. Remove trunk lid.

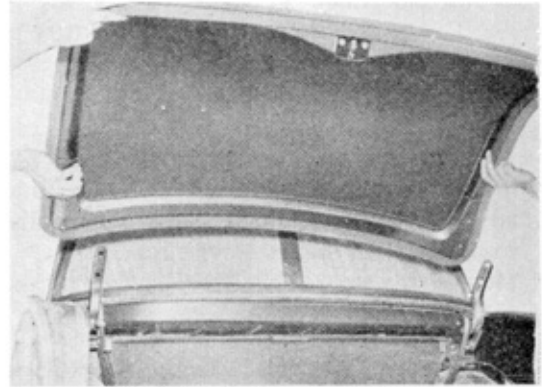


Fig. 10-37 Removing Trunk Lid

2. Remove torsion bar.
3. Remove hinge.

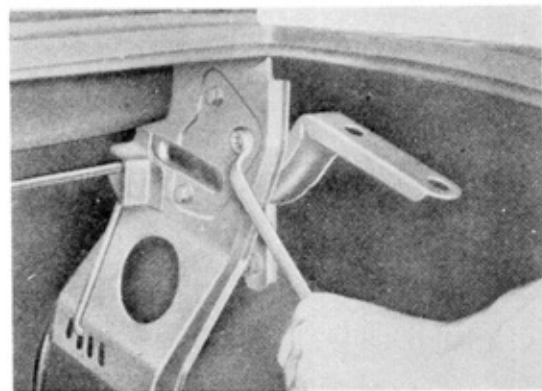


Fig. 10-38 Removing Hinge

Installation

Follow "REMOVAL" in reverse order.

Adjustment

a. TRUNK LID HINGE

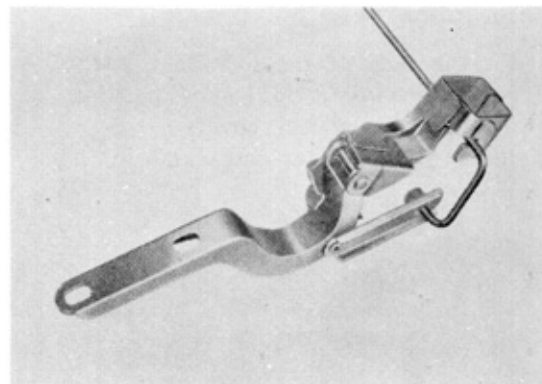


Fig. 10-39 Trunk Lid Hinge

Trunk Lid Hinge × Body

Up and Down ± 1.5 mm (0.06")

Trunk Lid Hinge Arm × Trunk Lid

Front and Rear ± 3.5 mm (0.14")

b. TORSION BAR

The standard location of the torsion bar is the second hole from the front, and adjustment can be made one stage to the front and two stages to the rear.

Moving the end of the torsion bar to the rear increases spring tension.

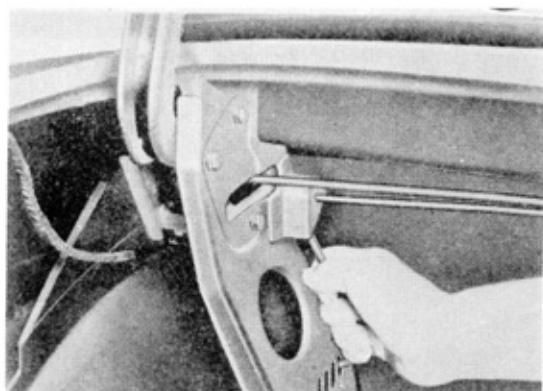


Fig. 10-40 Adjusting Torsion Bar Spring

TRUNK LID LOCK & LOCK CYLINDER

Removal

1. Pull out lock cylinder clamp and remove lock cylinder.
2. Remove trunk lid lock cover and lock.

Note: To remove the lock, place the latch in locked position.

Installation

1. Fit the latch of the lock in the trunk lid cover, placing it in locked position, and install lock and lock cover.
2. Insert lock cylinder and clamp it.

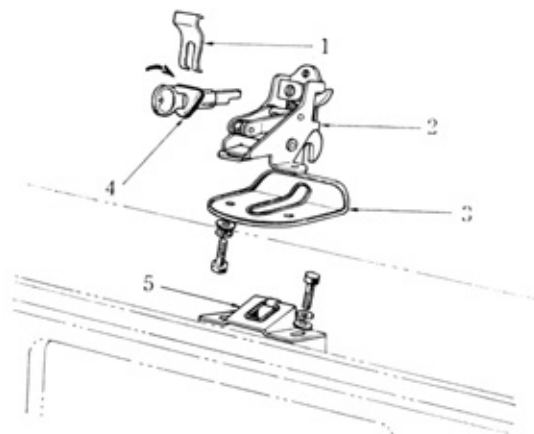


Fig. 10-41 Lock & Lock Cylinder

1. Clamp
2. Lock
3. Lock Cover
4. Lock Cylinder
5. Lock Striker

INSTRUMENT PANEL

Removal

1. Remove two nuts behind the instrument panel center cover and remove center cover.
2. Open glove box and slide panel center cover upper to right then remove it.
3. Slide panel corner cover to right, then remove it.

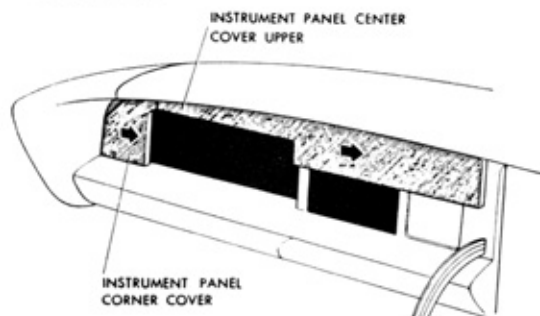


Fig. 10-42 Removing Center Cover Upper & Corner

4. Pull out ash tray.
5. Take off 3 screws and slide instrument panel main garnish to the back, then remove it.

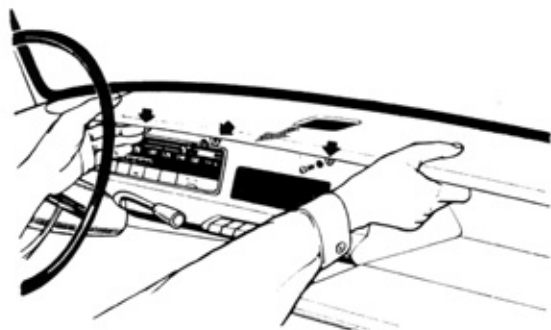


Fig. 10-43 Sliding Instrument Panel Main Garnish

6. Pull out inspection lamp socket and remove panel corner cover.
7. Remove panel side cover trim.
8. Remove panel side cover.

Installation

Follow "REMOVAL" in reverse order.

FRONT WINDSHIELD

Removal

1. Remove instrument panel main garnish and instrument panel side cover.
2. Remove wiper arm assembly.
3. Raise hood.
4. Remove windshield moulding and strip off weatherstrip from body.
5. In order to remove the glass from body, insert a medium screwdriver between the body and the windshield weatherstrip. Caution to pry the weatherstrip little at a time not to tear the weatherstrip.
6. As the weatherstrip is pryed out, the glass attaching weatherstrip can be pushed out of the body.

Installation

Before installing the weather strip to glass, remove the excess sealer around the weatherstrip to obtain proper contact with the body windshield opening. Also clean the body windshield opening for excess sealer.



Fig. 10-44 Inserting Cord

1. Install weatherstrip to glass.
2. Insert a cord around the windshield weatherstrip channels.

Allow a loop of 30 cm (12") to extend out of the lower middle portion of the weatherstrip while the two ends of the string of approximately 20 to 30 cm (8" to 12") extend out the upper middle portion.

3. Install glass into the window opening with string accessible from inside body.

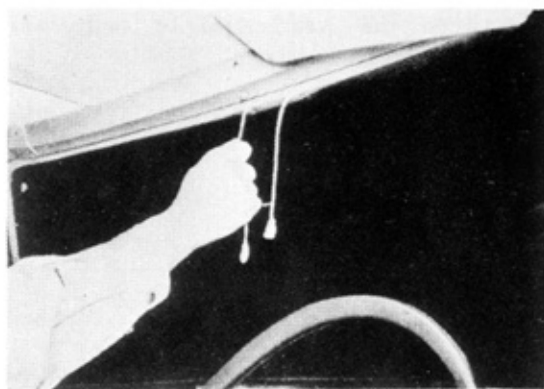


Fig. 10-46 Pulling String

4. Pull string slowly to the inside to seat the lip of the weatherstrip around the glass channel.

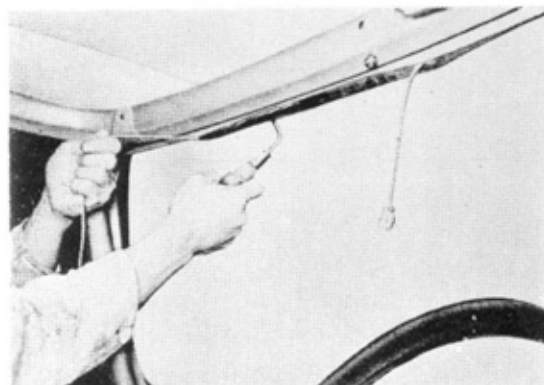


Fig. 10-47 Pulling String

Note : While pulling the string, tap the glass lightly with hand. Install weatherstrip in its correct place using a tool as shown in the figure.

- Mask around the weatherstrip with paper tape.

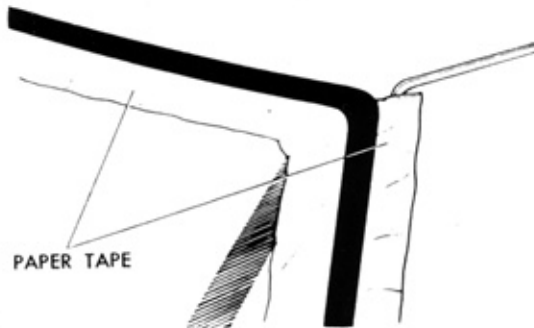


Fig. 10-48 Masking with Paper Tape

- Insert sealer by tube or by caulking gun between the weatherstrip to body and glass to weatherstrip.

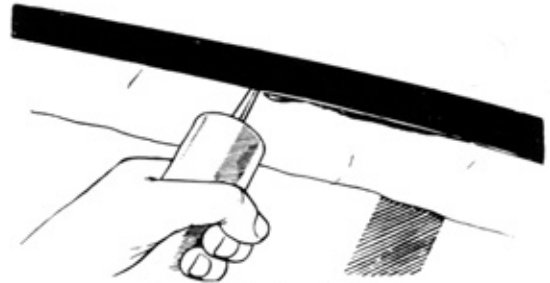


Fig. 10-49 Inserting Sealer

- The sealer should flow thoroughly to seal around the windshield. The sealer should be set for a while before the moulding can be installed.
- Install windshield moulding, then lower the hood.
- Install wiper arm assembly.
- Install instrument panel side cover and panel main garnish.

REAR WINDOW GLASS

"REMOVAL" and "INSTALLATION" are the same as "FRONT WINDSHIELD GLASS".

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