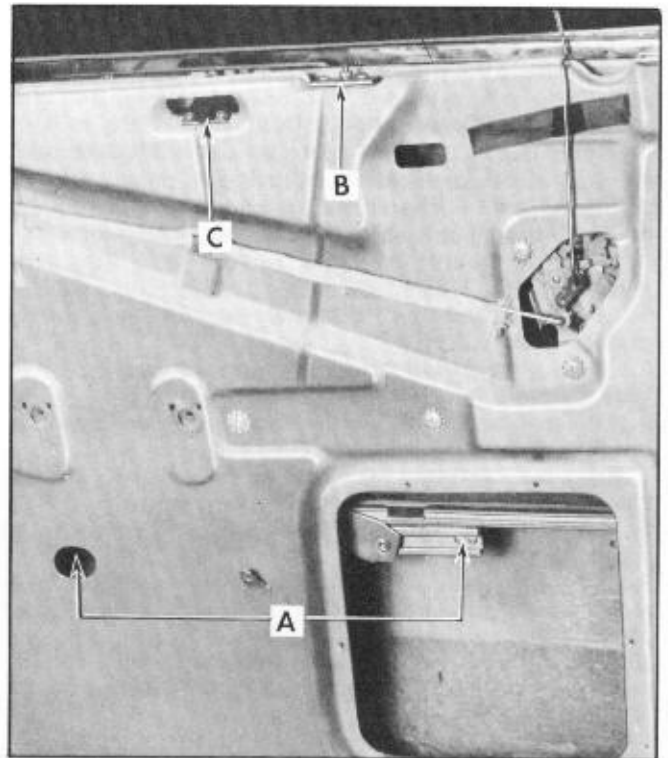


DOOR GLASS

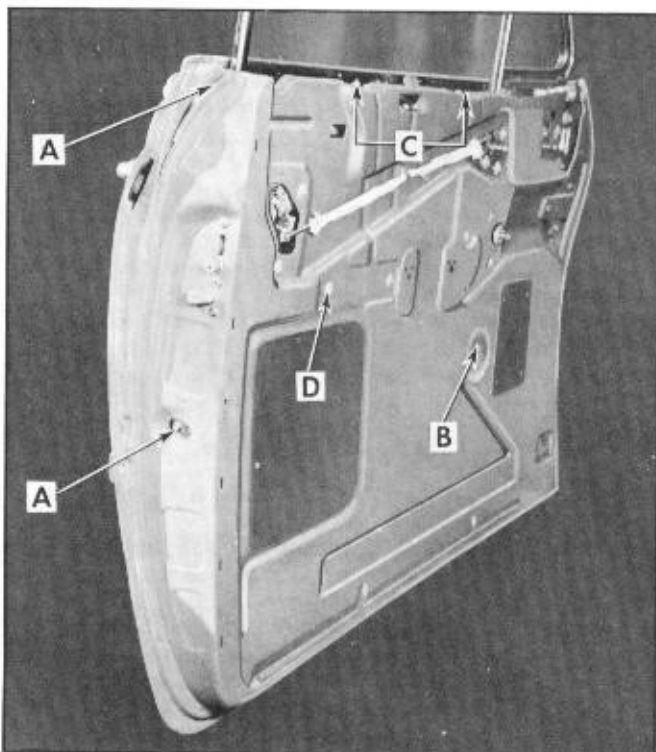
REMOVAL AND INSTALLATION

1. Lower the window and remove the door trim pad.
2. Remove the garnish molding retaining clips from the top edge of the door inner panel at window opening.
3. Remove the large loading hole cover and through the openings indicated at "A" remove the window lower sash channel cam screws (two at each end).
4. At top of door inner panel loosen the screws at each glass stop "B" and move the stops inward. Remove the screws at the roller guide "C" and remove the roller.
5. Disengage channel from cam, raise glass and remove by tilting the top of the glass rearward to clear the top rear corner of the ventilator.
6. To install, reverse this procedure. Seal as specified in Sealing Operations on Door Inner Panels.



DOOR GLASS ADJUSTMENT

The complete door glass assembly can be raised, lowered or tilted for alignment with the ventilator division channel, the side roof rail or the rear quarter window weatherstrips. The glass may also be moved "in or out" in its vertical line of travel by means of adjustments on the glass run channel and the ventilator division channel. A minor adjustment can also be made in the "upward" travel of the glass at the two glass stops located at the window lower opening.



IN AND OUT ADJUSTMENT

1. Remove door inside hardware and trim pad.
2. Loosen glass run channel attaching screws "A" and move channel and glass in or out the desired amount.
3. Make a corresponding "in or out" adjustment on the ventilator division channel lower adjusting stud "B" so that the glass will not bind.
4. If necessary, re-align ventilator assembly and rear quarter window with door glass. These adjustments are outlined in the removal operations covering these assemblies.

UP AND DOWN ADJUSTMENT

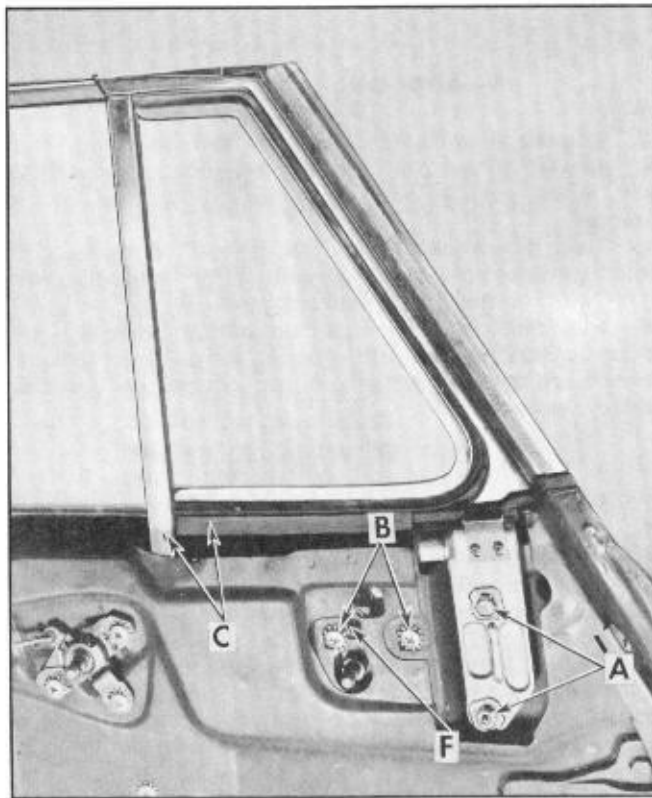
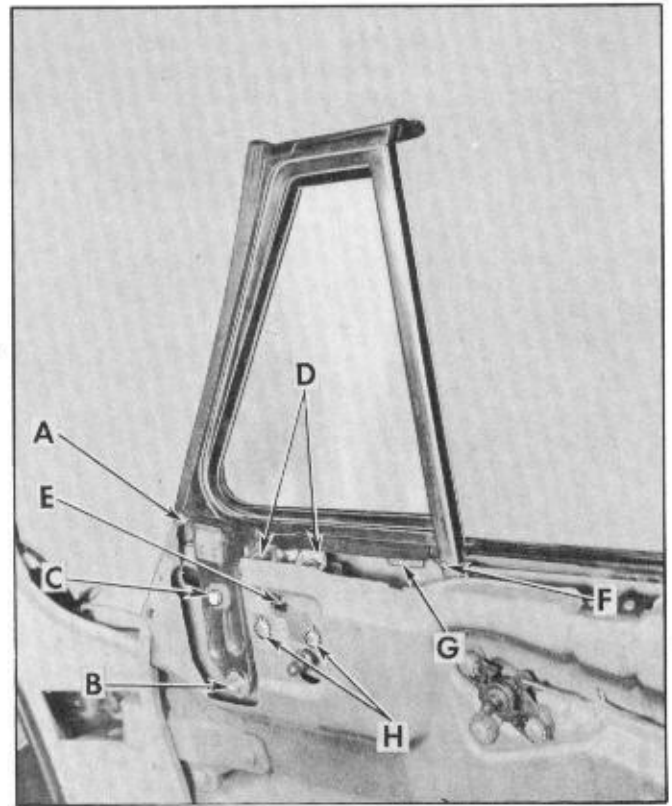
1. Remove door inside hardware and trim pad.
2. Adjust window stops indicated at "C" to desired "upward" limit of glass travel.
3. If additional adjustment is desired, the rear attaching screw hole of the stationary cam "D" is slotted vertically. By loosening this screw, alignment of the "up" and "down" travel of the window glass in relation to the ventilator division and glass run channels can be made. Raise rear of cam to throw travel of glass forward, and lower to throw glass travel to rear.

DOOR VENTILATOR ASSEMBLY

The door ventilator assembly used on the Convertible and Catalina styles is a regulator type and is operated by a gear box and an inside handle. The ventilator division channel is an integral part of the door ventilator assembly on 1953 styles.

REMOVAL AND INSTALLATION

1. Remove door inside hardware and trim pad.
2. Carefully cut the ventilator and door weatherstrip at the belt molding area indicated at "A".
3. Loosen the nut "B" and remove bolt "C" from ventilator attaching plate.
4. Remove two bolts "D" attaching ventilator to regulator gear box.
5. Remove ventilator lower pivot shaft retaining bolt "E".
6. Remove screw "F" from ventilator rear attaching bracket.
7. Remove screw "G" holding ventilator division channel to door panel flange.
8. Loosen both of the vent regulator to inner panel attaching screws "H".
9. At the bottom, clean sealer from ventilator division channel lower adjusting stud at the door inner panel and remove stud.
10. Carefully loosen weatherstrip seal and remove ventilator assembly including attached center division channel.
11. To install, reverse this procedure. Cement together the butt ends of the cut weatherstrip indicated at "A" and also the outer front portion of the ventilator weatherstrip to the belt molding, with 3-M Weatherstrip Adhesive or its equivalent. Apply a seal of 3-M Caulking Compound or its equivalent over the division channel lower attaching stud.



FORE AND AFT - UP AND DOWN ADJUSTMENT

NOTE: Set screw located at "F" controls the friction clamp on the regulator mechanism.

1. Loosen nut and bolt at "A" on ventilator attaching plate.
2. Loosen two bolts "B" attaching regulator to door inner panel. (Attaching holes are oversized)
3. Remove screws "C" from ventilator division channel and rear attaching bracket.
4. Loosen division channel lower adjusting nut and nut at the door inner panel.
5. Adjust ventilator assembly to the desired position and retighten bolts and screws. NOTE: After adjustment it may be necessary to drill new screw holes for screws at locations "C".

IN AND OUT ADJUSTMENT

1. Follow steps 1 through 4 indicated in the procedure above.
2. Then, adjust "in or out" the lower adjusting stud located at "A" on the ventilator attaching bracket and the division channel lower adjusting stud on door inner panel. When adjustment is satisfactory, retighten screws and bolts. In cases where seal of the ventilator weatherstrip has been disturbed during adjustment, it must be resealed using 3-M Weatherstrip Adhesive or its equivalent. See also window adjustment.

DOOR WEATHERSTRIPS

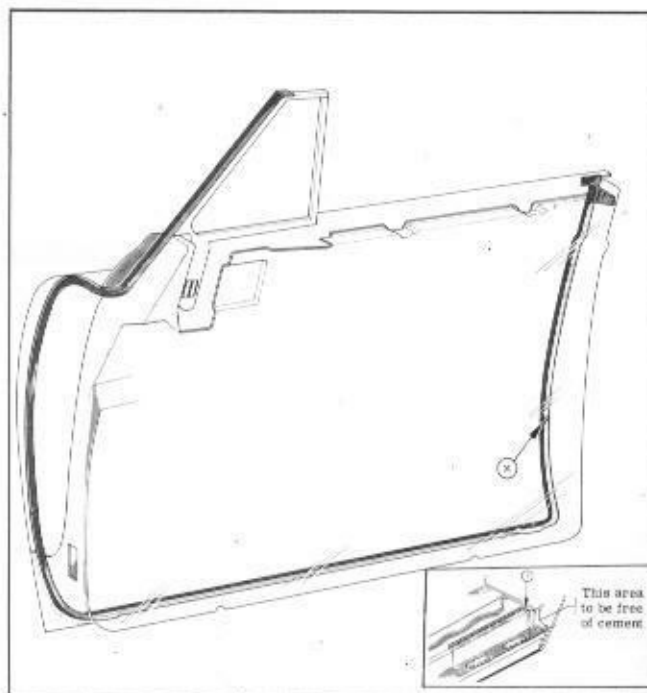
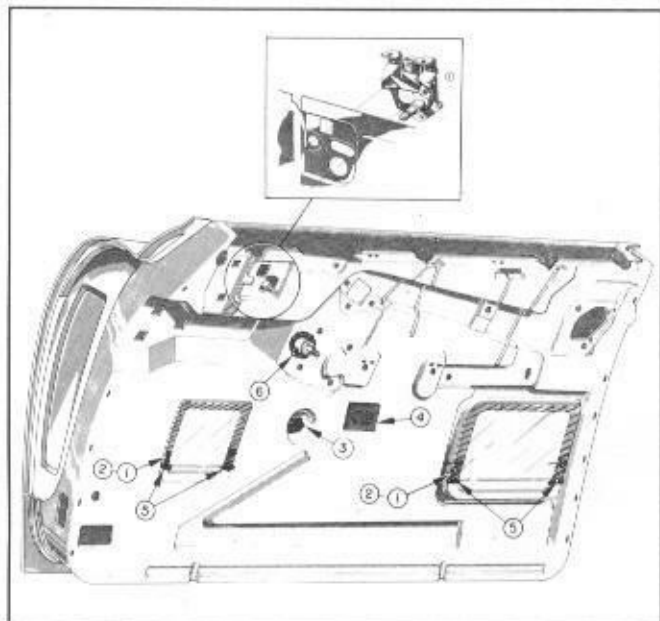
The front door weatherstrip on the Catalina and Convertible styles consists of two sections with a butt joint "X" located at the lower portion of the door lock pillar as indicated in the illustration below. When cementing a butt joint, the weatherstrip must be trimmed to proper length to avoid stretching or crowding and ends must be matched evenly to provide a continuous seal. To improve sealing at the lock pillar area, the weatherstrip has been relocated to a new position so as to divert water from entering at this section of the body. To accommodate this relocated weatherstrip, a metal retainer is spotwelded to the door lock pillar and the body lock pillar rabbet has also been changed. In addition, a sealing strip is cemented to the bottom of the door over the drain holes to act as a dust sealer. The inset in the illustration below indicates the method of installing door drain sealing strip which acts as a valve to allow water to drain out and prevent dust from entering the door inner construction.

DOOR WEATHERSTRIP REMOVAL

1. With door open, bend back tabs of weatherstrip retainer along bottom of the door.
2. Loosen the door belt finishing molding and remove the retaining tab at the top of the ventilator frame.
3. With suitable tool, break seal of the cementing surface around the perimeter of the door and remove the weatherstrip and door drain hole sealing strip.

INSTALLATION

1. Clean off all old adhesive from the flange of the door to provide a smooth clean surface.
2. Apply 3-M Weatherstrip Adhesive or its equivalent to cementing surfaces of door, weatherstrip and drain hole sealing strip. Cementing surfaces of the drain hole sealing strip are shown in the inset in the opposite illustration. Allow adhesive to become "tacky" before installation.
3. Reinstall drain hole sealing strip and door weatherstrip pressing them firmly and evenly to the proper location. Cement together the ends of the weatherstrip indicated at "X" in drawing opposite.
4. After installation, bend up tabs of retainer along door bottom to further retain weatherstrip. Reinstall door belt finishing molding and retaining tab. NOTE: If time permits, car door should be left slightly open for at least one (1) hour so as to assure a firm weatherstrip bond.



DOOR INNER PANEL SEALING

- No. 1. Apply a ribbon of 3-M Autobody Sealer or its equivalent across the top and down the sides of the loading hole opening to provide a seal between the cover plate and the door inner panel.
- No. 2. Apply a ribbon of 3-M Autobody Sealer or its equivalent to the side flanges of the loading hole cover plate contacting the door inner panel, beginning at the lower edge and extending upward for a distance of approximately 3".
- No. 3. Apply 3-M Caulking Compound or its equivalent to the division channel lower attaching hole.
- No. 4. Apply body tape over access hole.
- No. 5. After assembly of loading hole cover plate, seal corners of plate at off-set with 3-M Autobody Sealer or its equivalent.
- No. 6. Apply 3-M Weatherstrip Adhesive or its equivalent over the exposed surface of the regulator hole spindle washer. This application of adhesive is required to seal the pores of the sponge rubber and the joint between the inner panel and washer and between the spindle hub and washer.
- No. 7. Apply a 1/8" diameter ribbon of 3-M Caulking Compound or its equivalent to the door ventilator regulator assembly along the top and sides as illustrated in the inset at (1).

DOOR OUTSIDE HANDLE ASSEMBLY

REMOVAL

1. Remove screw at handle retainer cover plate located on the door lock pillar and remove cover plate.
2. With suitable tool, pry retainer out until handle and gasket can be removed. With handle removed, the retainer can be entirely removed from the slot in the pillar facing.
3. If desired, remove the lock cylinder assembly from the handle. This operation is described in Fisher Service News No. 1, Door Outside Handle Lock Cylinder Assembly Removal.

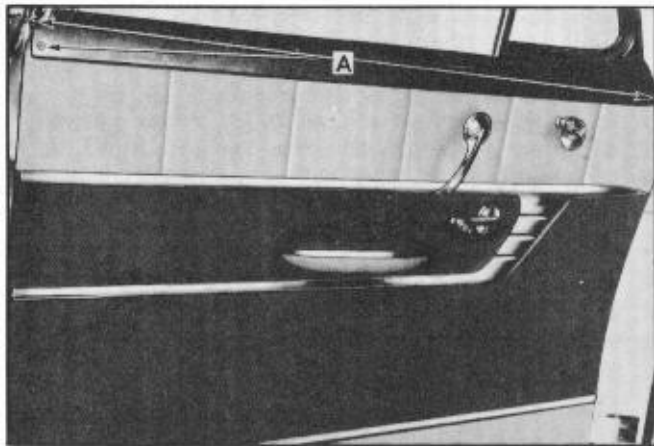
INSTALLATION

1. Cock lock bolt by pushing to "up" position.
2. Install retainer part way in slot to allow insertion of handle. Then, with push button depressed, install handle and gasket. When handle is in correct position, bolt will snap down.
3. Push retainer to full "in" position, then reinstall handle retainer cover plate.



FRONT DOOR BELT FINISHING MOLDING REMOVAL AND INSTALLATION

1. Close ventilator and remove inside locking rod knob by backing off threaded end of rod.
2. Remove screws securing molding to the door inner panel shown at "A".
3. Pull molding upward to clear retaining clips and remove molding.
4. To install, reverse this procedure, using an awl, if necessary, to locate screw holes. Before installing locking rod knob to rod, apply 3-M Weatherstrip Adhesive or its equivalent to threaded end of rod.



REAR QUARTER TRIM REMOVAL AND INSTALLATION

The procedure of rear quarter trim removal which follows may be used for either Convertible or Catalina style bodies. The opposite illustration shows the Catalina rear quarter trim.

1. Remove rear seat cushion and back.
2. Remove screws and washers retaining the rear quarter arm rest assembly located at "A".
3. Disconnect wiring from light switch and remove arm rest assembly. NOTE: On the Catalina body style, lift the arm rest assembly upward to clear retaining tab.
4. Remove rear quarter belt finishing molding and regulator handle.
5. On the Catalina style, remove drive nail indicated at "B" at rear upper corner of upper trim panel.
6. Swing panel out toward the front of the body to expose blind tacks at the front edge. Remove tacks and trim panel.
7. To install, reverse this procedure.

