

SECTION NO. 2

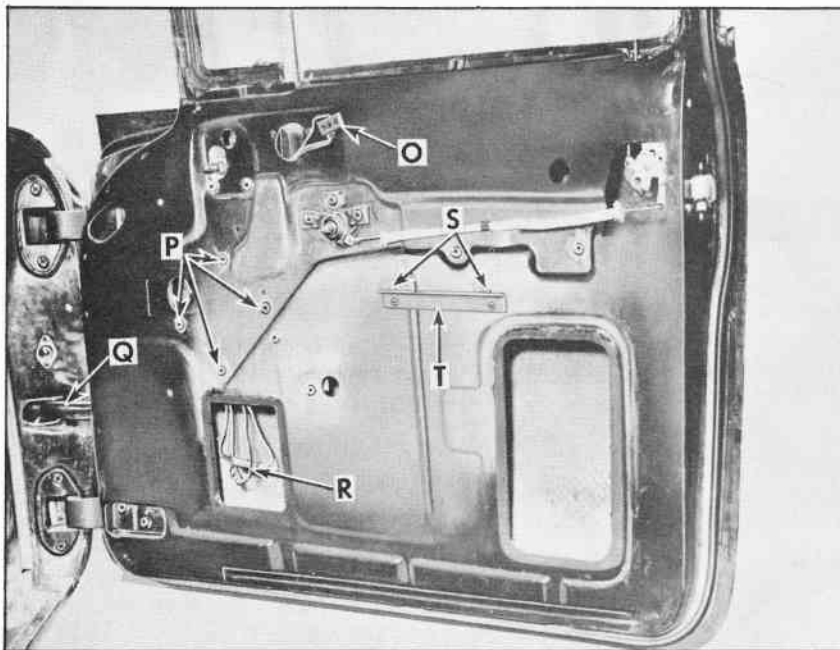
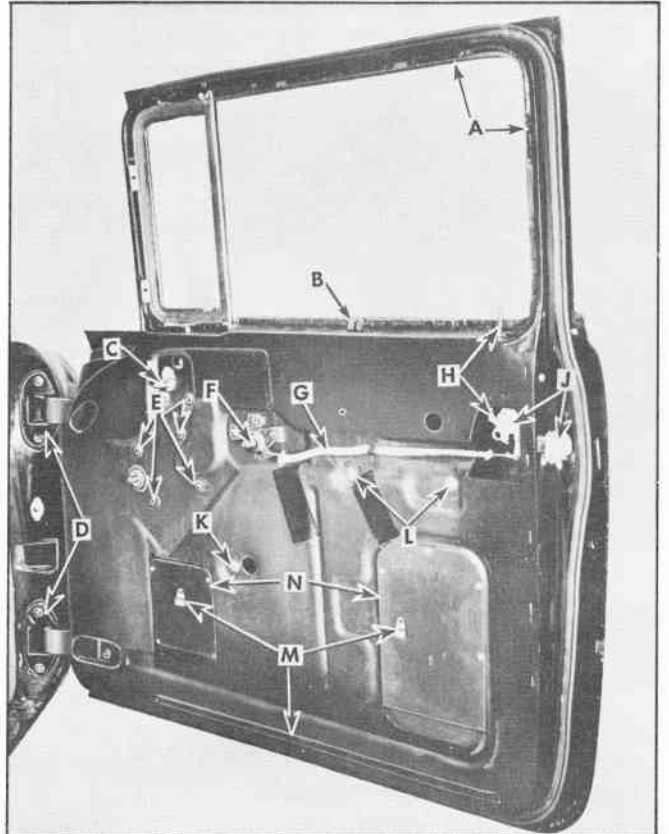
DOORS

Many new changes have been incorporated in the design of the door and door hardware parts on the 1955 styles. Some of these parts such as the door lock and door lock striker are completely new and require new service methods. The illustrations below which may be used for reference purposes are of a front door.

The door section is divided into the following three parts:

- A. Service operations which are the same or similar for the front and rear door.
- B. Service operations for the front door.
- C. Service operations for the rear door.

- A. Door Window Glass Run Channel.
- B. Door Window Garnish Molding Spacing Clip.
- C. Door Ventilator Regulator
- D. Door Upper and Lower Hinge
- E. Door Window Manual Regulator Attaching Screws
- F. Door Lock Remote Control
- G. Door Lock Remote Control Connecting Rod
- H. Door Inside Locking Rod
- J. Door Lock
- K. Ventilator Division Channel Adjusting Stud
- L. Door Inner Panel Cam Attaching Screws
- M. Door Trim Assembly Retainers
- N. Door Inner Panel Access Hole Covers



- O. Door Window Control Switch Terminal Block
- P. Door Window Electric Regulator Attaching Screws
- Q. Door Hinge Pillar Electric Conduit
- R. Door Window Regulator Motor Electric Connectors
- S. Door Arm Rest Attaching Holes
- T. Hanger Plate for Door Arm Rest Rest Panel Assembly



FRONT AND REAR DOOR HARDWARE AND TRIM

DOOR INSIDE HANDLES

2562, 2562DF, 2563F, 2564DF

REMOVAL AND INSTALLATION

1. Depress door trim assembly at handle and with spring removing tool, remove retaining ring, then remove handle and bearing plate.
2. To install, reverse removal procedure. NOTE: Install handle at same angle as handle on opposite door, except ventilator regulator handle which should point toward rear of car on left door and toward front of car on right door. Window or ventilator should be in closed position when checking angle of handle on opposite door.

DOOR WINDOW CONTROL SWITCH

STYLES EQUIPPED WITH
ELECTRICALLY-POWERED WINDOW REGULATORS

REMOVAL AND INSTALLATION

1. Remove door window garnish or belt finishing molding, and ventilator regulator handle.
2. Loosen upper portion of door trim assembly sufficiently to allow access to terminal block.
3. Disconnect terminal block from switch by carefully pulling block to disengage it from switch studs.
4. Carefully push switch from door trim assembly to release switch from retainer. NOTE: In some instances it may be necessary to pry open tabs of retainer which secure switch at "A".
5. To remove switch from escutcheon, depress clips at sides of switch with pointed tool inserted through holes "B" and remove clips.
6. To install, reverse removal procedure. NOTE: The "feed" stud of the master control switch should point toward front of car when installed in door trim assembly. Check operation of switch before completing reinstallation of parts.

DOOR TRIM ASSEMBLY

2562, 2562DF, 2563F, 2564DF

REMOVAL AND INSTALLATION

1. Remove door inside handles and door garnish or belt finishing molding.
2. On doors equipped with door arm rest panel assembly, remove two (2) screws from arm rest recess trim cup. On doors equipped with removable-type arm rest, remove arm rest.
3. Remove one (1) screw at each lower corner of trim assembly.
4. With clean rubber mallet, tap trim assembly along front and rear edge to free nails in slots.
5. With suitable tool, pry front and rear edge of trim assembly free of door inner panel.
6. On doors equipped with electrically-powered window regulators, disconnect switch terminal block from switch assembly by carefully pulling block to disengage

DOOR ARM REST

2562, 2562DF, 2563F

REMOVAL AND INSTALLATION

1. From underside of arm rest remove two (2) screws securing arm rest to door panel, and remove arm rest.
2. To install, reverse removal procedure.

DOOR WINDOW GARNISH MOLDING

2562, 2562DF, 2563F

REMOVAL AND INSTALLATION

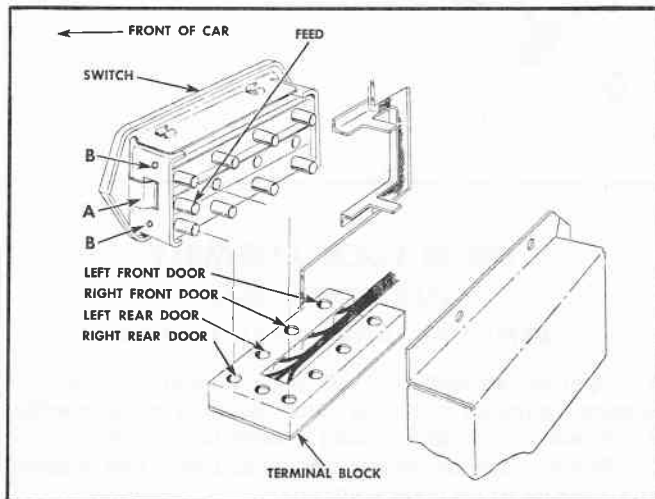
1. Remove inside locking rod knob and screws securing garnish moldings.
2. Disengage garnish moldings from window frame, lift upward to clear spacing clip and remove from door.
3. To install, reverse removal procedure. Apply a small amount of weatherstrip cement into hole of locking rod knob before installing knob to rod.

DOOR WINDOW BELT FINISHING MOLDING

2564DF STYLES

REMOVAL AND INSTALLATION

Same as "Door Window Garnish Molding."



it from switch studs.

7. Lift door trim assembly upward to disengage it from retaining tabs and long metal retainer at lower edge of door.
8. To install, seal nail slots as specified in "Door Inner Panel Sealing" and reverse removal procedure. On door equipped with electrically-operated window regulators, check operation of switch after connecting terminal block. When button is pushed up, window should raise; when button is pushed down, window should lower. NOTE: Make sure that tension springs are reinstalled over door handle spindles, and that trim assembly is engaged with tabs and long metal retainer at lower edge of door. Broken retaining nails can be replaced with repair tabs which are available as service parts.



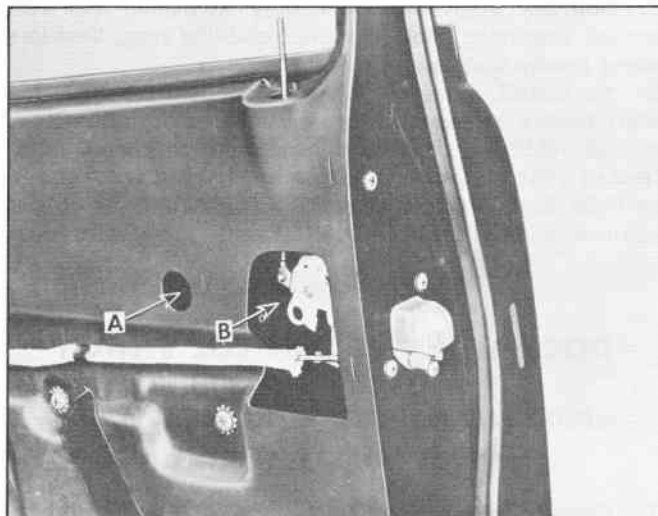
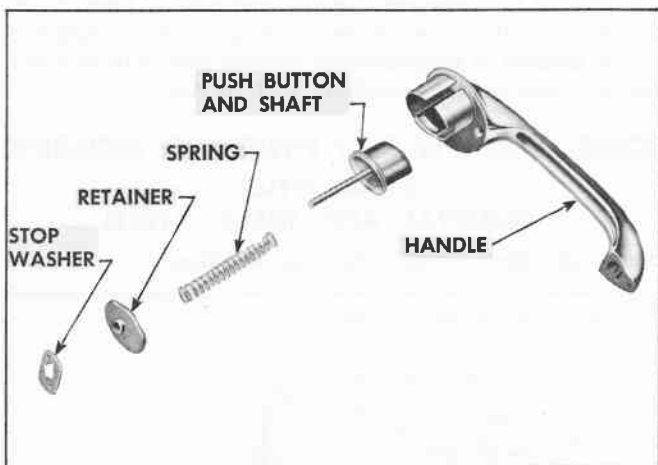
DOOR OUTSIDE HANDLE ASSEMBLY

2562, 2562DF, 2563F, 2564DF

The door outside handle is of a new design, however, the push button principle of operation is the same as used on past models. The handle is secured to the door outer panel with two (2) screws which are accessible through access holes in the door inner panel after the trim assembly is removed. The door lock cylinder assembly is located below the door outside handle and is secured in the door outer panel by a retaining clip installed through a slot in the door lock pillar.

REMOVAL AND INSTALLATION

1. Operate door glass to "up" position and remove door trim assembly.
2. Insert magnetized screw driver through holes "A" and "B" and remove two (2) screws securing handle to door outer panel.
3. Remove door lock handle and gaskets from outside of body.
4. To install, reverse removal procedure.



DOOR OUTSIDE HANDLE PUSH BUTTON

2562, 2562DF, 2563F, 2564DF

REMOVAL AND INSTALLATION

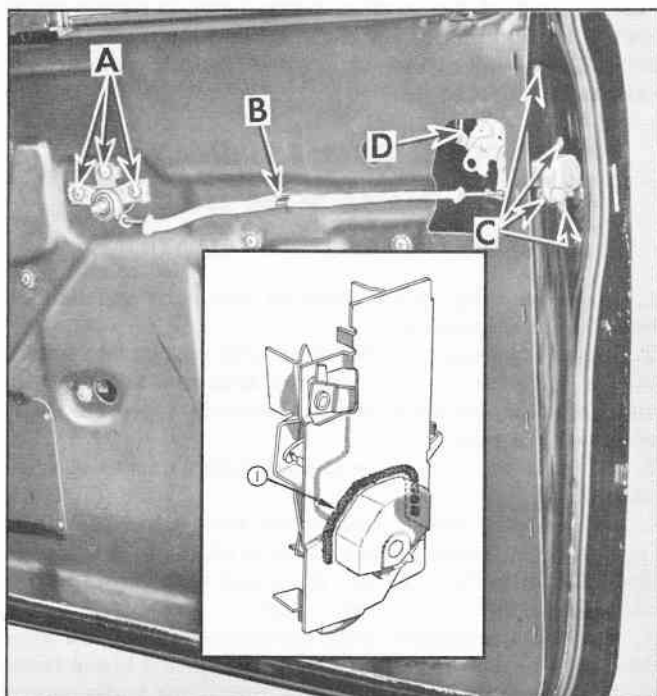
1. Remove door outside handle from door.
2. Depress stop washer slightly, then with suitable tool, turn stop washer retainer 1/4 turn. Remove stop washer and retainer, spring, and push button and shaft from handle.
3. To install, reverse removal procedure.

DOOR LOCK ASSEMBLY

2562, 2562DF, 2563F

REMOVAL AND INSTALLATION

1. Operate window to "up" position and remove door window garnish molding and door trim assembly.
2. Remove door inner panel access hole cover.
3. Remove nut or screw securing lower end of glass run channel at door lock pillar.
4. On front doors, remove remote control attaching screws "A", then detach connecting rod from clip "B" and from door lock. On rear doors, remove remote control assembly and inside locking rod lever attaching screws and detach connecting rods from door lock.
5. Remove four (4) screws "C" securing lock assembly to lock pillar and remove lock from between door panels through loading hole.
6. To install, assemble inside locking rod to lock at "D" and reverse removal procedure. NOTE: Before installing door lock, apply a ribbon of caulking compound on the lock facing as indicated at one (1) in inset. After installation of lock, clean off any excess caulking compound on lock or door lock pillar.
7. Check operation of door lock and remote control before installing door trim assembly. Seal door inner panel as specified in "Door Inner Panel Sealing." For door lock lubrication, see "Body Lubrication" section.



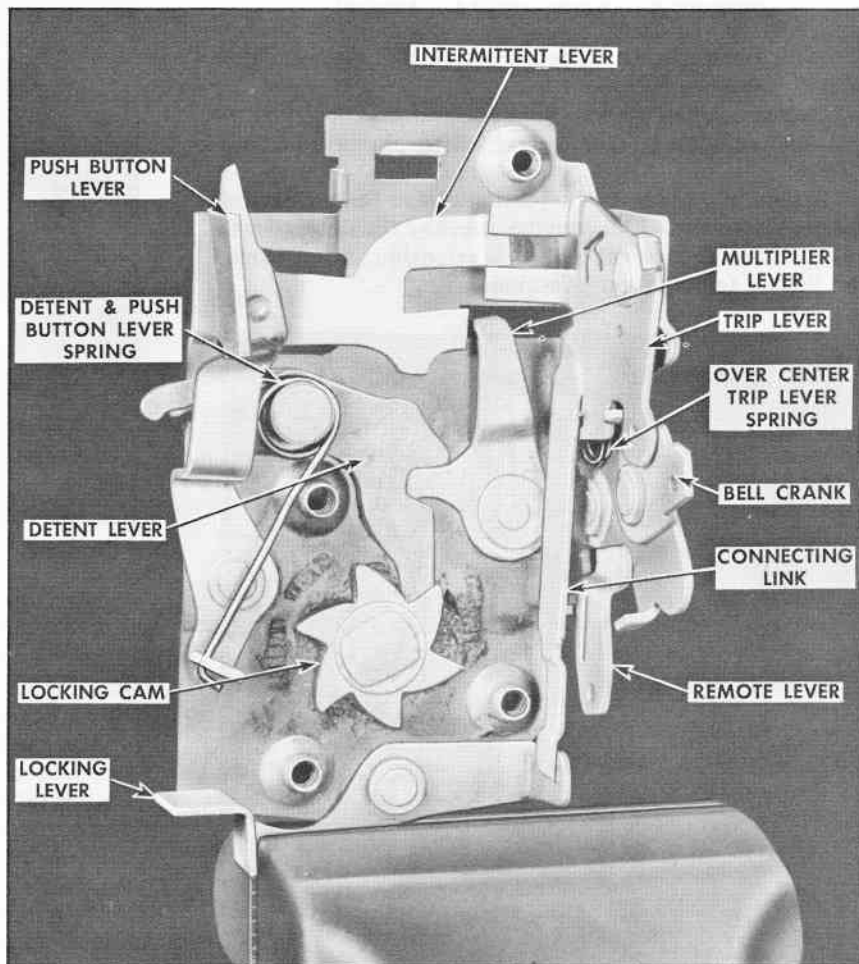
DOOR LOCK OPERATION

The 1955 Pontiac incorporates a rotary bolt-type door lock. The new lock operates in the following manner: As the door is being closed the lock bolt contacts the striker teeth and rotates until the door is completely closed and the locking cam, shown in the illustration below, is firmly locked by the detent lever.

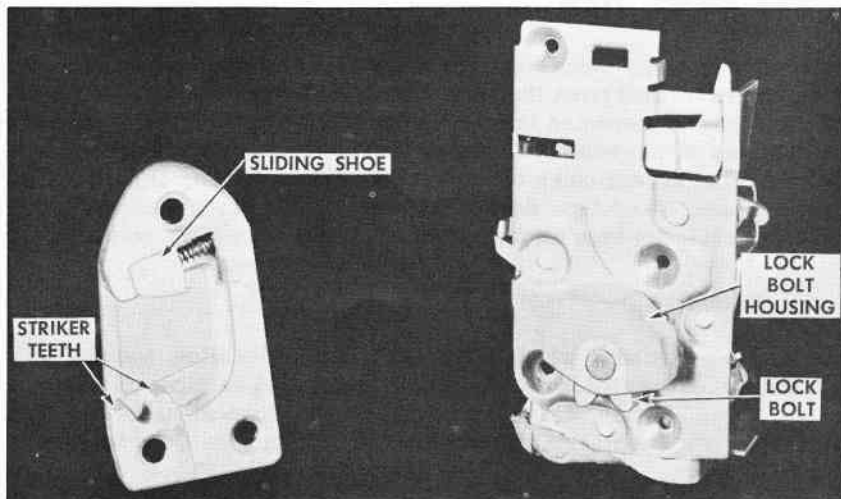
To obtain a knowledge of door lock operation, the illustrations should be studied to become familiar with the part names, their location and function.

1. When the push button on the door outside handle is depressed, the following action takes place: the push button lever operates the intermittent lever which contacts the multiplier lever; the multiplier lever lifts the detent lever free of the locking cam.

2. When the inside remote control handle is operated, the following action takes place: the remote control connecting rod transmits the movement of the remote control handle to the lock remote lever which contacts the multiplier lever; the multiplier lever then lifts the detent lever free of the locking cam.



The doors can be locked by pushing the inside locking control knob to the down position. This can be done after the door is closed or before the door is closed. If the rod is pushed down before closing the door, the push button on the door lock handle has to be depressed while closing the door. The doors can also be locked by the operation of the door lock cylinder with the key. The action taken by the lock parts when the door is locked is as follows:



1. When the door is locked with the key, the action of the cylinder pawl on the locking lever operates the connecting link and trip lever downward. The trip lever contacts the intermittent lever and lowers it under the engaging lug of the multiplier lever.

2. When the door inside locking rod which is connected to the bell crank is operated to a down position, the action of the bell crank operates the trip lever and the same action results as explained in step 1 above.

The illustration shows the door lock striker and door lock removed from the body.

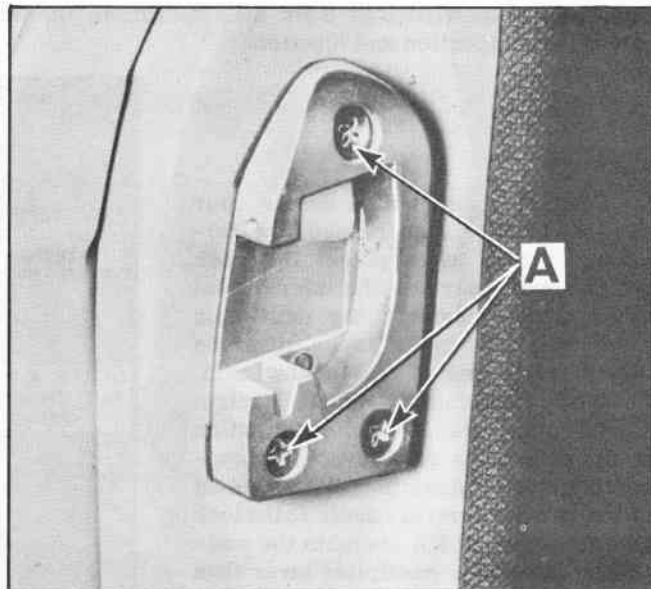
DOOR LOCK STRIKER

The illustration shows the door lock striker installed to the body lock pillar. The striker is secured in place by three (3) screws. In addition, an upper and lower adjusting plate is installed between the striker and body pillar to help secure the striker in position.

2562, 2562DF, 2563F, 2564DF

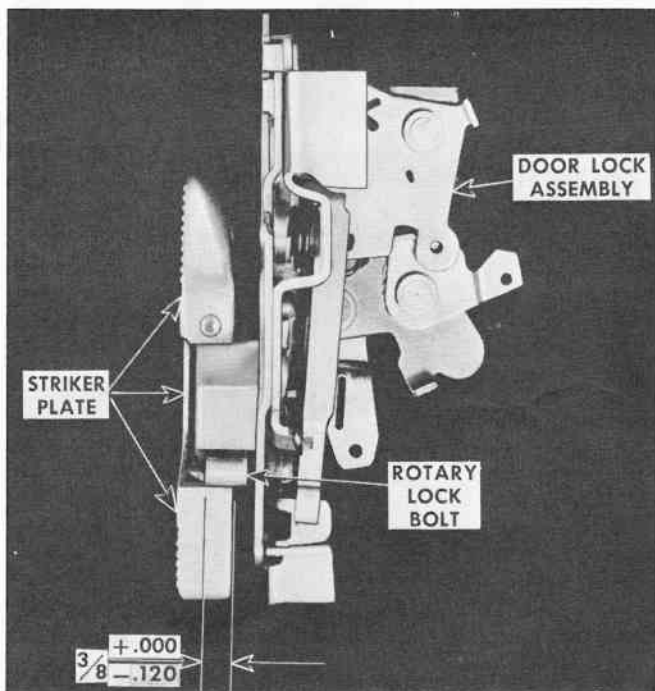
REMOVAL AND INSTALLATION

1. With pencil scribe position of striker on body lock pillar.
2. Remove three (3) door lock striker attaching screws "A" and remove striker and adjusting plates from body pillar.
3. To install, assemble adjusting plates to striker and position striker within scribe marks, then install and tighten attaching screws. For lubrication instructions, see "Body Lubrication" section.



ADJUSTMENTS

1. To adjust striker up or down or in or out, loosen striker plate attaching screws and shift striker and adjusting plates to desired position, then tighten attaching screws.
2. The door lock rotary bolt should engage striker a minimum of 1/4" to a maximum of 3/8" as indicated in illustration. If engagement is less than 1/4", install emergency spacer between striker and adjusting plates to obtain required engagement. NOTE: The amount of lock bolt striker engagement can be determined by applying modeling clay or its equivalent on striker teeth, then closing door to form measurable impression in clay.



DOOR WEATHERSTRIP

2562, 2562DF, 2563F

The mechanically-retained door weatherstrip consists of a one-piece weatherstrip with an integral wire insert. The weatherstrip is secured to the door by clips which are formed from the wire insert and snapped into holes around the perimeter of the door. In addition, the weatherstrip is cemented in place along the top of the door header, the front door cove area and along the bottom of the door at the weatherstrip butt joint. After the weatherstrip is installed in place, sealer is applied through the inner panel access holes to the weatherstrip attaching clips along the bottom of the door. NOTE: In some instances, a cemented-on-type door weatherstrip, comparable to past model weatherstrips may be used on 1955 styles. The cemented-on-type weatherstrip is retained along the bottom of the door by a metal retainer.

REMOVAL

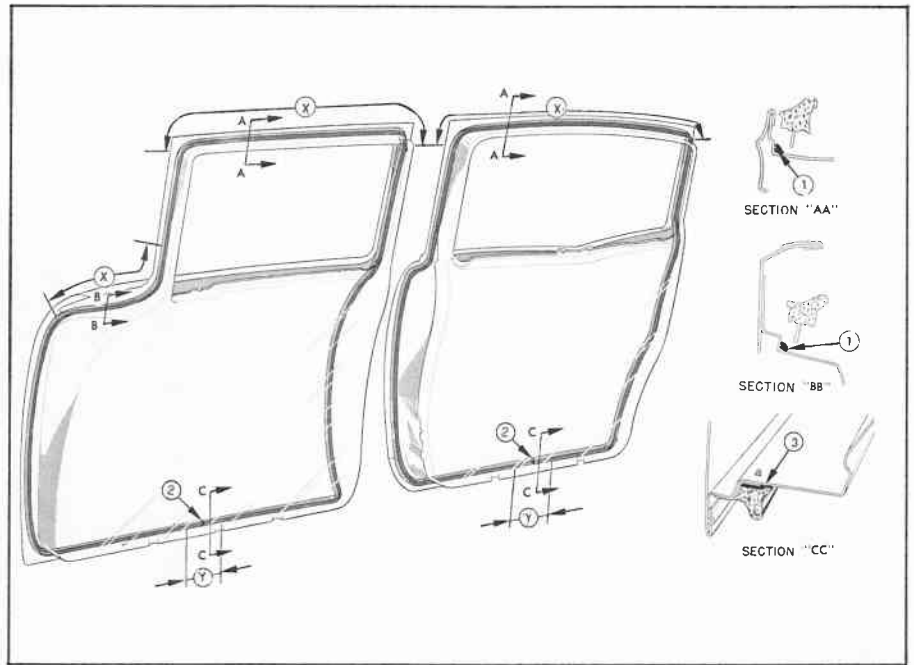
1. On front doors remove weatherstrip retaining clip from cove area. On rear doors remove weatherstrip retaining clips from door lock pillar.
2. Using mechanically-retained weatherstrip inserting tool or other suitable tool, carefully position tip of tool

under weatherstrip at each clip location, and snap clip out of hole. NOTE: At cemented sections of weatherstrip, carefully break cement bond at same time that weatherstrip retaining clip is being snapped from hole.

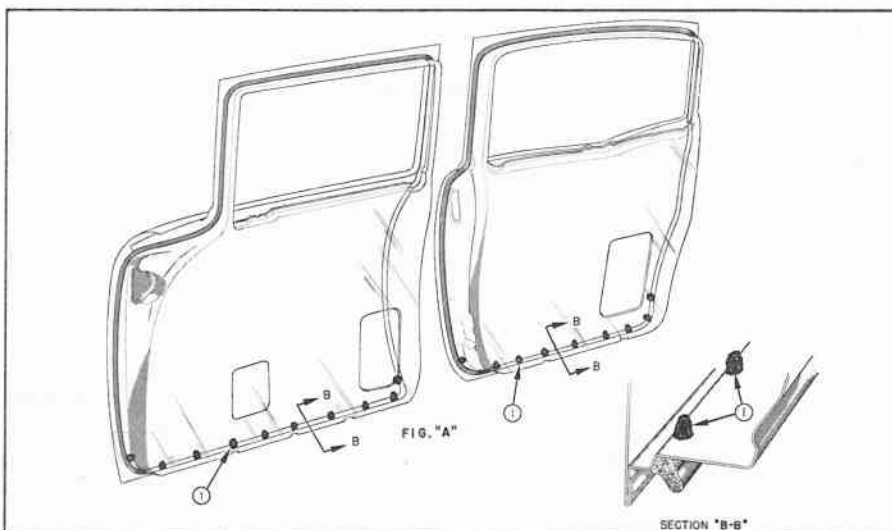
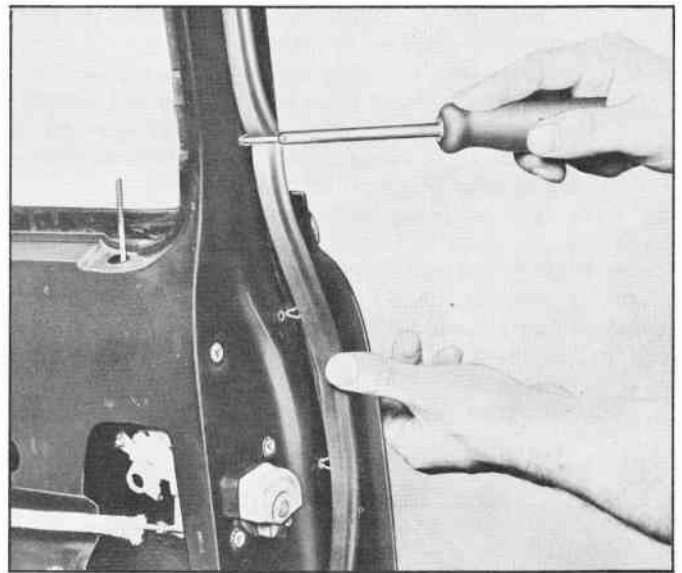
DOOR WEATHERSTRIP

INSTALLATION

1. Clean off old weatherstrip cement from door.
2. Apply bead of approved weatherstrip cement to door inner panel as indicated at one (1) in Sections "A-A" and "B-B" along length of door indicated by "X". NOTE: Service replacement weatherstrips are longer than required in order to assure a satisfactory butt joint. Do not cut weatherstrip to form a butt joint until after all clips are installed into the holes around the door.
3. On front doors, locate weatherstrip color mark between 3rd and 4th hole from door hinge pillar. On rear doors, locate weatherstrip at 5th hole from door hinge pillar.



4. Using weatherstrip inserting tool or other suitable tool, place "V-shaped" tip of tool on loop of clip, then push clip into hole until it is secured in position. NOTE: Do not use excessive force or strike tool when pushing clips into holes as it may distort the shape of the clip and result in improper weatherstrip retention.
5. Cut weatherstrip as required to form butt joint at location indicated at two (2) in drawing. NOTE: The butt joint of the weatherstrip should be located at the bottom of the door between the two (2) clip holes that are closest together.
6. Following manufacturer's directions, apply weatherstrip cement to door inner panel surface indicated at three (3) in Section "C-C". Seal should extend distance indicated by "Y" which is the distance between the two closest clip holes. Apply cement to both ends of weatherstrip and form butt joint.



7. Remove door trim assembly and access hole cover(s). Working through access holes apply medium-bodied sealer over and around weatherstrip attaching clips indicated at one (1) in drawing opposite. Seal all clips along door bottom and lower clip at each door pillar.
8. Reinstall weatherstrip retaining clips and previously removed parts. Seal door inner panel as specified in "Door Inner Panel Sealing."

FRONT DOOR ASSEMBLY AND HINGES

2562, 2562DF, 2563F, 2564DF

The front door hinges are the swing-out type with an integral door check and hold open, similar to past models. The hinges are attached to the front body hinge pillar and to the door assembly with bolts, cage nuts and anchor plates. Either of two (2) methods may be used to remove the door from the body.

1. The door and hinges can be removed as an assembly from the body hinge pillar.
2. The door can be removed from the hinge straps.

REMOVAL

1. Place suitable protective covering over front fender at door opening to protect finish.

2. Remove door trim assembly.

NOTE: The above step does not have to be performed if door and hinges are being removed, and body is not equipped with electrically powered window regulator.

3. Scribe hinge box locations on front body hinge pillar or hinge strap locations on door, depending on method of removal being used.

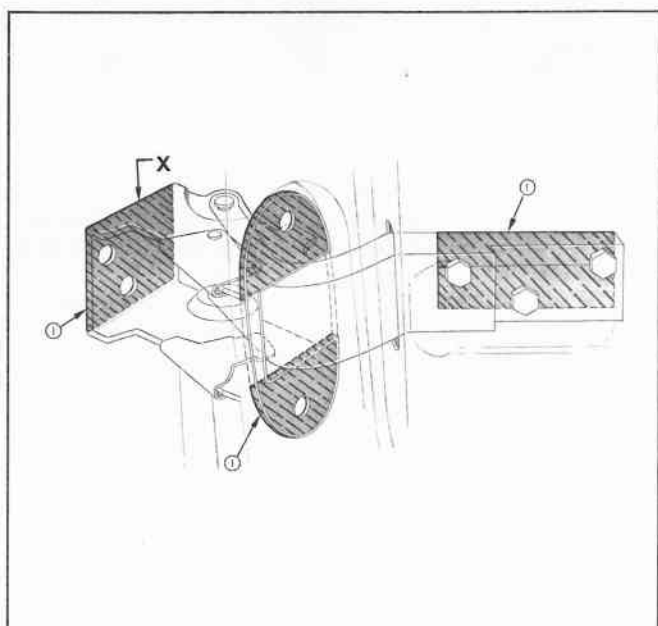
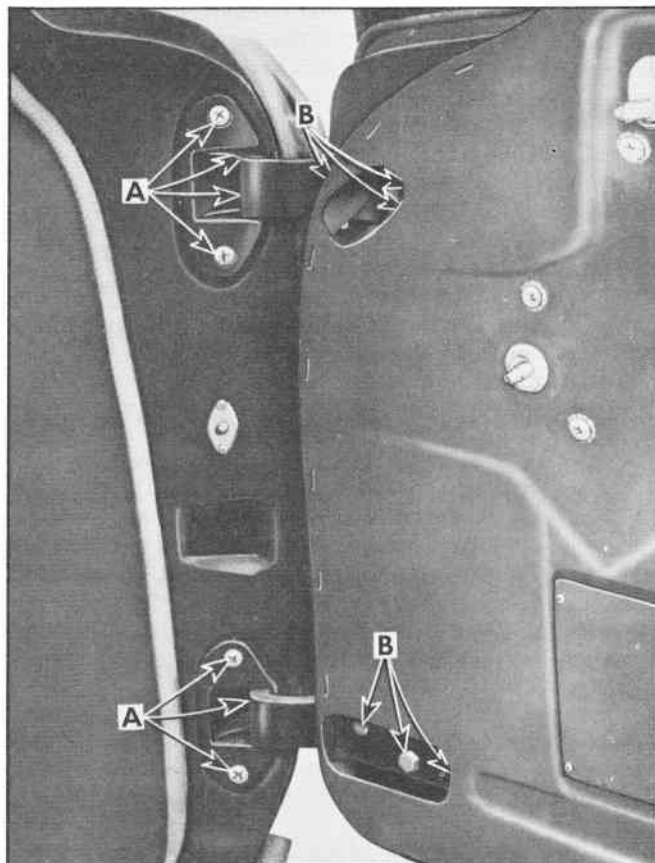
4. On bodies equipped with electrically-powered window regulators, proceed as follows:

a. Remove two (2) screws securing electric conduit to door hinge pillar. Bend out conduit tabs and remove from wire harness.

b. Remove small loading hole cover. Loosen or detach wire harness clips as required and disconnect motor leads from harness. Remove wire harness from between door panels through opening in door hinge pillar.

5. With door properly supported, remove bolts "A", indicated in opposite illustration, securing upper and lower hinges to front body hinge pillar, or bolts "B" securing door to hinge straps, depending on method of removal being used. NOTE: Two bolts at upper hinge and one bolt at lower hinge are located inside of hinge boxes at front body hinge pillar.

6. With aid of helper, remove door assembly from body.



INSTALLATION

1. As an anti-squeak precaution, before installation of door, coat all attaching surfaces of hinges with medium-bodied sealer, as indicated in shaded areas of opposite drawing at "1". In addition, apply extra sealer on surface indicated by "X", to obtain watertight seal.

2. With aid of helper, reinstall door to body opening. Align hinges within scribe marks and tighten bolts. Check door for proper alignment.

3. On bodies equipped with electrically-powered window regulators, proceed as follows:

a. Install wire harness in between door panels and connect motor leads. Tighten wire harness clips, making sure that spacers are installed at proper locations.

b. Reinstall conduit to door hinge pillar.

4. Where required, seal door inner panel as specified in "Door Inner Panel Sealing" and reinstall previously removed parts.

5. For lubrication information, see "Body Lubrication."

DOOR ADJUSTMENTS

Provisions for door adjustments are provided through the use of cage nuts and anchor plates in the door and adjacent hinge pillar. When checking the door for misalignment, remove the door lock striker from the body pillar to allow the door to hang free on its hinges. Then, check the spacing at the sides and top of the door. Procedure for adjusting the front doors is outlined below.

The door can be adjusted up or down and in or out at the front body hinge pillar as follows:

1. Scribe location of hinge boxes on pillar.
2. Loosen bolts indicated at "A" in illustration at top of previous page.
3. Shift door to desired position, then tighten bolts.

NOTE: The frictional areas of the door hinge "hold open" clips contacted by the hinge straps must be lubricated periodically for ease of operation and prevention of frictional noises. For lubrication instructions refer to "Body Lubrication" section.

The door can be adjusted up or down and fore or aft at the door hinge straps as follows:

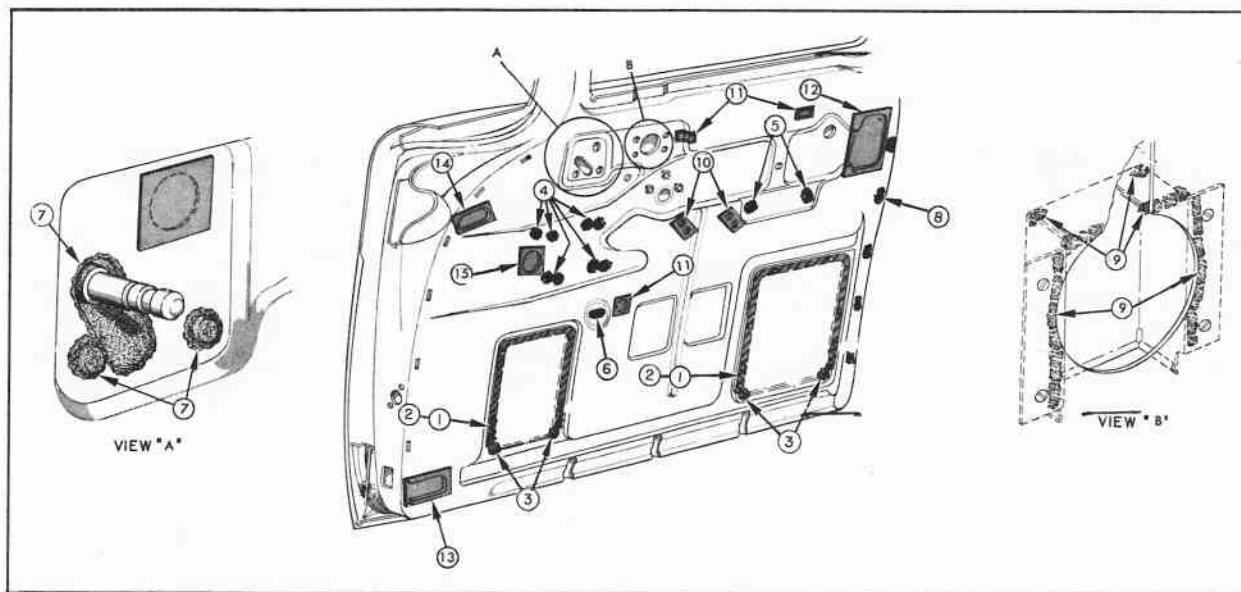
1. Remove door trim assembly.
2. Scribe location of hinge strap on door.
3. Loosen bolts indicated at "B" in illustration at top of previous page, then shift door to desired position.
4. Tighten bolts and reinstall door trim assembly.

FRONT DOOR INNER PANEL SEALING

2562, 2562DF, 2563F, 2564DF

Whenever work is performed on a door where any of the door inner panel weatherseals have been disturbed, the area must be resealed before the door trim assembly is reinstalled.

The illustration shows door inner panel openings which are sealed to prevent water leakage and possible damage to the door trim assembly.



1. At both access holes apply ribbon of medium-bodied sealer across top and down side flanges of access hole opening to provide seal between cover plate and door inner panel.
2. Apply ribbon of medium-bodied sealer to access hole cover plate starting at point 2" above lower corners and extending downward and along edge of offset flange.
3. After access hole cover plates are installed, seal lower offset corners with sealer.

Apply sufficient body caulking compound to effect a watertight seal at:

4. All window regulator attaching holes.
5. Door inner panel cam attaching holes.
6. Ventilator division channel lower attaching stud and

nut.

7. Ventilator tee-shaft access hole and ventilator regulator attaching screws. (See View "A")
8. Door trim assembly nail slots.
9. On electric styles - inner flanges of switch hole cover and to upper rear corners and across top joint of cover and inner panel. (See View "B")


Apply waterproof tape over the following door inner panel openings:

10. Door arm rest attaching holes.
11. Cam access hole.
12. Lock access hole.
13. Lower hinge access hole.
14. Upper hinge access hole.
15. On electric styles - window regulator spindle hole.

FRONT DOOR LOCK CYLINDER ASSEMBLY

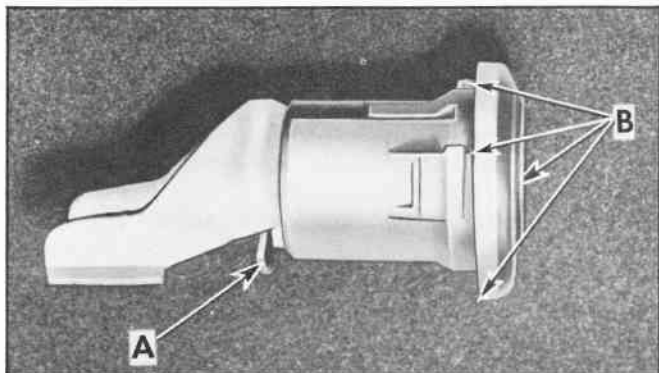
2562, 2562DF, 2563F, 2564DF

REMOVAL AND INSTALLATION

1. With suitable tool, pry out retaining clip "A" sufficiently to allow removal of cylinder, then remove cylinder and gasket.
2. To install, insert cylinder with curved edge of pawl toward lock pillar and reverse removal procedure. Using key, check operation of lock cylinder. 

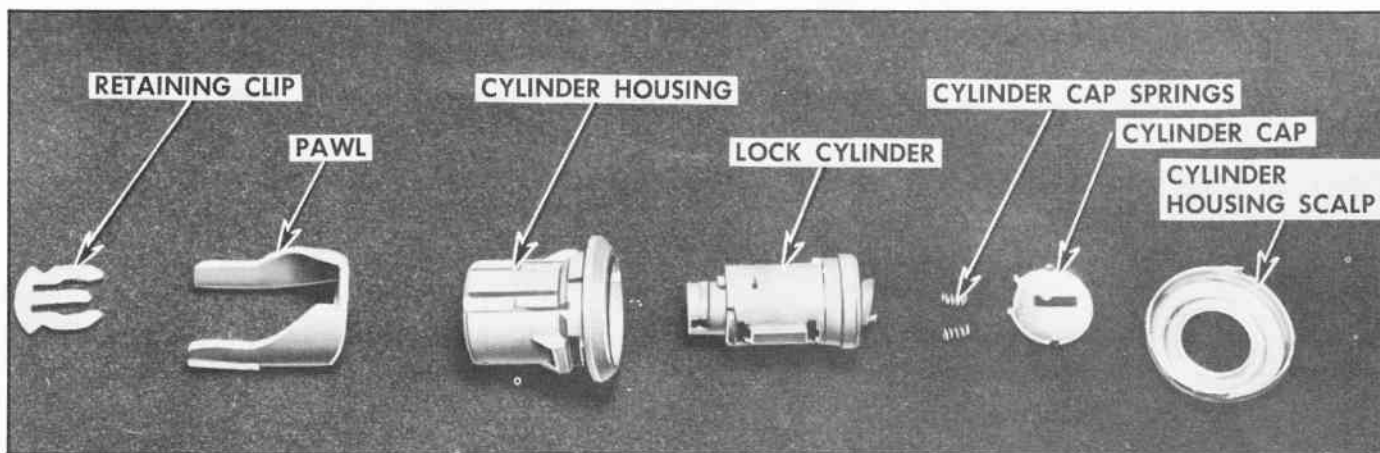
DISASSEMBLY AND ASSEMBLY

1. Remove cylinder assembly from door.
2. With suitable tool, remove retaining clip "A" and



remove pawl.

3. Carefully bend open four cylinder housing scalp tabs "B" and remove scalp. NOTE: While removing scalp, hold cylinder cap, which is under tension from cap springs, depressed with finger. After scalp is removed, observe position of springs and cap so that they can be reinstalled in same relative positions. See illustration below.
4. Remove cylinder from cylinder housing.
5. To install, reverse removal procedure.




THE ABOVE ILLUSTRATION SHOWS THE DOOR LOCK CYLINDER DISASSEMBLED.

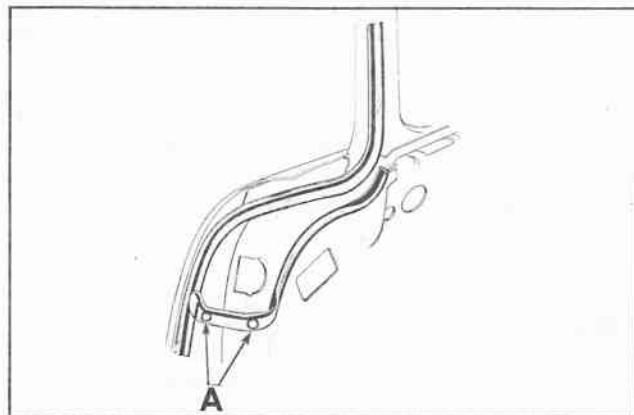
FRONT DOOR

HINGE PILLAR AUXILIARY WEATHERSTRIP

2562, 2562DF, 2563F, 2564DF

The door hinge pillar auxiliary weatherstrip is secured to the pillar by weatherstrip cement and two (2) fasteners along the lower portion. 

1. With a flat-bladed tool, carefully remove two (2) fasteners indicated at "A", then break seal and remove weatherstrip from door pillar.
2. To install weatherstrip, apply a good weatherstrip cement following the manufacturer's directions, and cement the weatherstrip in place. Reinstall the two (2) fasteners and clean off excess cement.





FRONT DOOR VENTILATOR REGULATOR

2562, 2562DF, 2563F

REMOVAL AND INSTALLATION

1. Remove door garnish molding and trim assembly.
2. Remove small access hole cover.
3. Remove screws indicated at "A", securing regulator to ventilator assembly and door inner panel. Also remove screw "B" securing ventilator tee shaft to regulator coupling.
4. Disengage regulator from ventilator tee shaft and lower it between door panels and remove through access hole.
5. To install, reverse removal procedure. Seal door inner panel as specified in "Door Inner Panel Sealing."

ADJUSTMENTS

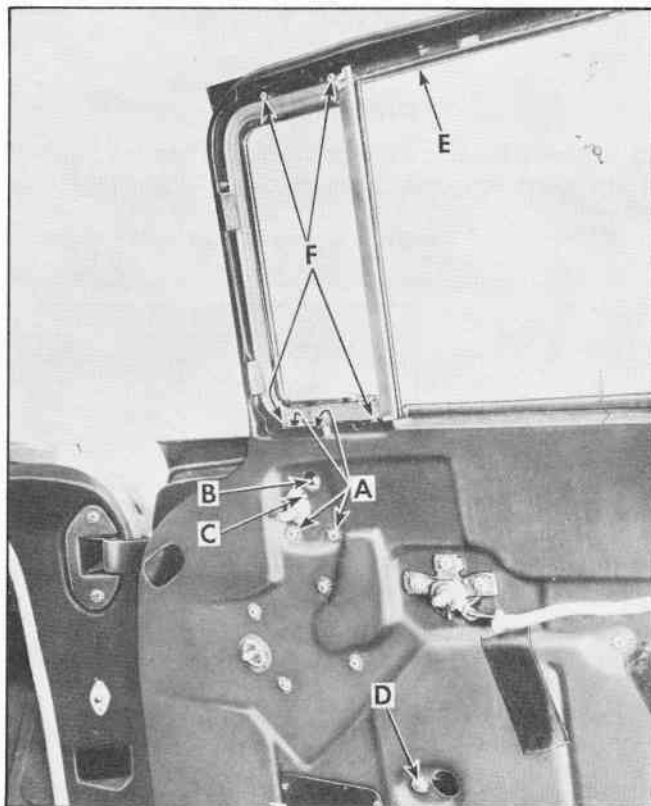
1. Excessive "play" (flutter) of ventilator at the pivot shaft when ventilator is in open position can be corrected by tightening screw indicated at "B". NOTE: Screw should be tightened carefully to avoid stripping threads.
2. The opening effort required to open or close ventilator can be slightly increased or decreased by adjusting friction clamp screw indicated at "C".

FRONT DOOR VENTILATOR

2562, 2562DF, 2563F

REMOVAL AND INSTALLATION

1. Lower door glass and remove door trim assembly.
2. Remove small access hole cover and ventilator division channel adjusting stud and nut "D".
3. Remove ventilator regulator.
4. Loosen upper section of glass run channel "E".
5. Remove ventilator frame attaching screws "F".
6. Tip ventilator inward, then lift upward and remove ventilator from door.
7. To install, reverse removal procedure. Seal door inner panel as specified in "Door Inner Panel Sealing."



ADJUSTMENTS

The lower end of the ventilator division channel can be adjusted in or out, or fore or aft for alignment with door window glass. To adjust lower end of channel, proceed as follows:

- a. Loosen adjusting stud nut "D".
- b. Turn adjusting stud in or out and position channel fore or aft as required, then tighten nut.

FRONT DOOR WINDOW (MANUAL AND ELECTRIC)

2562, 2562DF, 2563F

The front door window glass is removed and installed in a similar manner for both the manual and electrically operated windows.

REMOVAL AND INSTALLATION

1. Lower door glass and remove door trim assembly.
2. On bodies equipped with electrically powered window regulators, disconnect positive battery cable to prevent accidental operation of window regulator with master control switch.
3. Remove large access hole cover and tape covering small access hole.
4. Remove front door ventilator assembly.
5. Remove two (2) screws, indicated at "A" in illustration on next page, from each end of door window lower sash channel cam.
6. Disengage window from sash channel cam. Raise glass to almost closed position, then tilt glass inward and remove from door. CAUTION: On bodies equipped with electrically powered window regulators DO NOT OPERATE REGULATOR MOTOR after the window assembly is disengaged from the regulator. Operation of the motor with the load removed may damage the unit or make it inoperative.
7. To install, reverse removal procedure. Seal door inner panel as specified in "Door Inner Panel Sealing."

FRONT DOOR WINDOW

2562, 2562DF, 2563F

ADJUSTMENTS

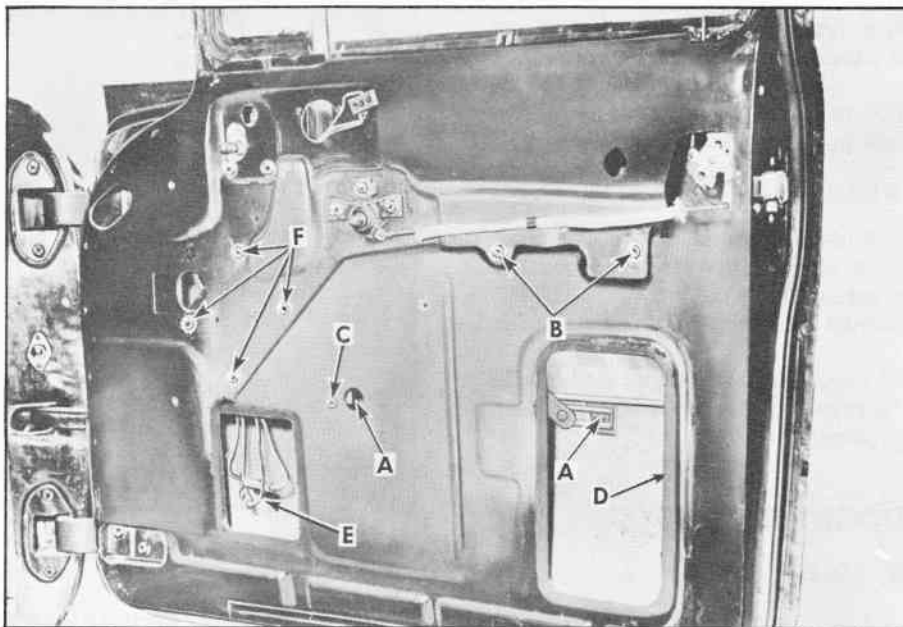
To relieve a binding door glass caused by misalignment of the glass with the glass run channels, proceed as follows:

1. To correct a condition where the glass is "cocked"

in the glass run channels, loosen door inner panel cam rear attaching screw "B" and adjust rear of cam up or down as required, then tighten screw.

2. Loosen ventilator division channel lower adjusting stud nut at "C", and turn stud in or out, or position lower end of division channel fore or aft, as required, then tighten nut.

3. Loosen glass run channel attaching nut indicated at "D" at lock pillar. Position channel in or out as required, then tighten nut.



FRONT DOOR WINDOW GLASS RUN CHANNEL

2562, 2562DF, 2563F

REMOVAL AND INSTALLATION

1. Lower door window and remove door trim assembly.
2. Remove large access hole cover.
3. From between inner and outer door panels, loosen nut securing lower end of glass run channel to lock pillar.
4. Carefully disengage channel and retaining clips from door. At reveal line disengage one (1) rosebud clip and remove glass run channel from door.
5. To install, reverse removal procedure.

FRONT DOOR WINDOW REGULATOR (MANUAL AND ELECTRIC)

2562, 2562DF, 2563F

Both the manual and electric front door window regulators are attached to the front door inner panel by four (4) screws.

REMOVAL AND INSTALLATION

1. Lower door glass and remove door trim assembly.
2. Remove both access hole covers and tape covering small access hole. On doors equipped with electrically

operated regulators, disconnect motor leads "E".

3. Remove two (2) screws, indicated at "A", from each end of door window lower sash channel cam, then disengage window assembly from cam and prop glass in "up" position. NOTE: On doors equipped with electrically powered window regulators DO NOT OPERATE REGULATOR MOTOR after the window assembly is disengaged from the regulator, or after the regulator is removed from the door. Operation of the motor with the load removed may damage the unit or make it inoperative.

4. Remove ventilator division channel adjusting stud and nut "C".

5. Remove door inner panel cam attaching screws "B", then disengage cam from regulator arm and remove from door.

6. Disengage window sash channel cam from regulator arms and remove from door.

7. Remove regulator attaching screws "F" and carefully remove regulator through large access hole. IMPORTANT: To remove the motor assembly from an electrically operated window regulator, carefully read and follow instructions outlined in Electrical section under "Window Regulator Electric Motor Assembly."

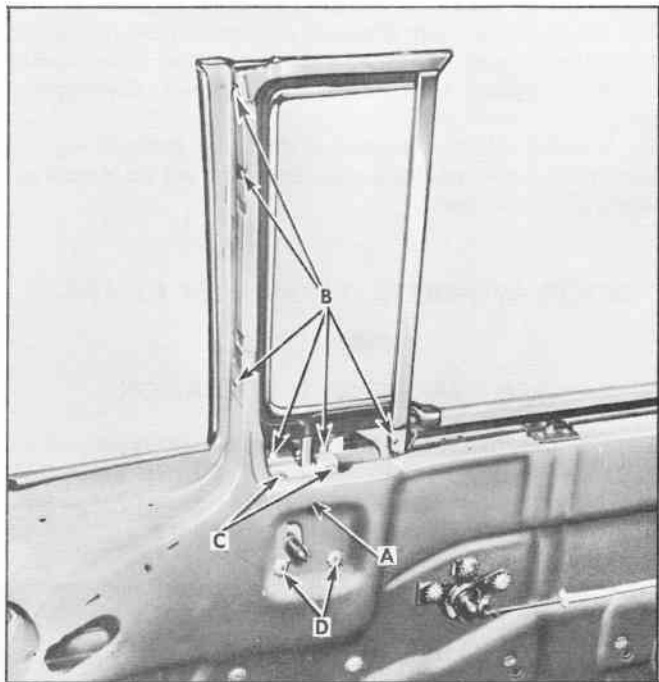
8. To install, reverse removal procedure. Seal door inner panel as specified in "Door Inner Panel Sealing." Lubricate window regulator and cam channel as specified in "Body Lubrication" section.

DOOR VENTILATOR GARNISH MOLDING

2564DF STYLES

REMOVAL AND INSTALLATION

1. Remove door belt finishing molding.
2. Remove door weatherstrip retainer at top of ventilator and remove screw securing weatherstrip tabs at upper portion of hinge pillar extension.
3. Remove garnish molding attaching screws and carefully pull molding inward and remove from door.
4. To install, reverse removal procedure.



DOOR VENTILATOR REGULATOR

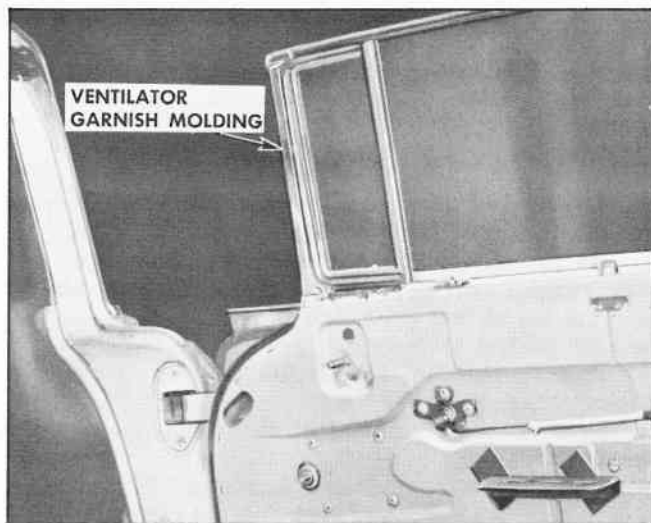
2564DF STYLES

REMOVAL AND INSTALLATION

1. Remove door trim assembly and small access hole cover.
2. Remove screw, indicated at "B", securing ventilator tee shaft to regulator coupling.
3. Remove screws "C", attaching regulator to ventilator and to door inner panel.
4. Lower regulator sufficiently to disengage from ventilator tee shaft, then lower regulator between door panels and remove through access hole.
5. To install, reverse removal procedure. Seal door inner panel as specified in "Door Inner Panel Sealing."

ADJUSTMENTS

1. Excessive "play" (flutter) of ventilator at pivot shaft when ventilator is in open position can be corrected by tightening screw "B" indicated opposite.
2. The opening effort, required to open or close ventilator, can be slightly increased or decreased by adjusting friction clamp screw indicated at "D" in illustration opposite.



DOOR VENTILATOR ASSEMBLY

2564DF STYLES

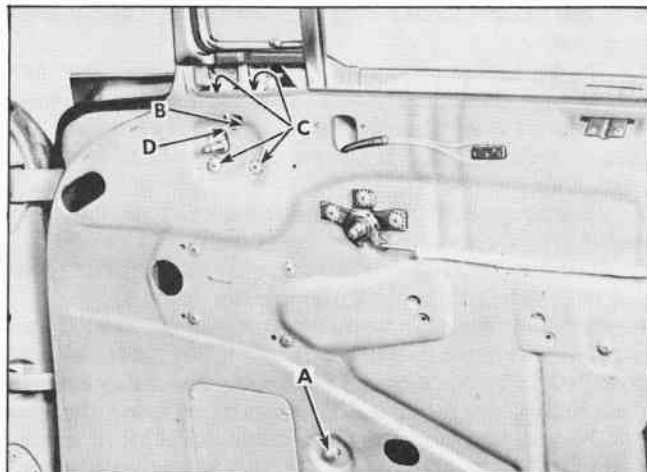
REMOVAL AND INSTALLATION

1. Lower door glass and remove door trim assembly and ventilator garnish molding.
2. Remove small access hole cover and ventilator division channel adjusting stud and nut.
3. Remove screw, indicated at "A", securing ventilator tee shaft to regulator coupling.
4. Remove screws "B" securing ventilator to hinge pillar extension and door panel.
5. Remove screws "C" securing ventilator to regulator and loosen regulator attaching screws "D".
6. Disengage ventilator tee shaft from regulator and remove ventilator from door.
7. To install, reverse removal procedure. Seal door inner panel as specified in "Door Inner Panel Sealing."

ADJUSTMENTS

The lower end of the ventilator division channel can be adjusted in or out, or fore or aft for alignment with the door window glass. To adjust lower end of channel, proceed as follows:

- a. Loosen adjusting stud nut "A" shown below.
- b. Turn adjusting stud in or out and position channel fore or aft as required, then tighten nut.





DOOR WINDOW (MANUAL AND ELECTRIC)

2564DF

The door window is removed and installed in a similar manner for both the manual and electrically-operated window.

REMOVAL AND INSTALLATION

1. Lower door glass and remove door belt finishing molding and door trim assembly.
2. On bodies equipped with electrically-powered window regulators, disconnect positive battery cable to prevent accidental operation of window regulator with master control switch.
3. Remove belt finishing molding clips, door window stops "A" and bumper "B".
4. Remove large access hole cover and tape covering small access hole at "C".
5. Remove two (2) screws, indicated at "C", from each end of door window lower sash channel cam.
6. Disengage window from sash channel cam. Lift glass upward, then tilt glass rearward to clear ventilator frame and remove from door. CAUTION: On bodies equipped with electrically powered window regulators DO NOT OPERATE REGULATOR MOTOR after the window assembly is disengaged from the regulator. Operation of the motor with the load removed may damage the unit and make it inoperative.
7. To install, reverse removal procedure. Seal door inner panel as specified in "Door Inner Panel Sealing".

DOOR WINDOW REGULATOR (MANUAL AND ELECTRIC)

2564DF STYLES

Both the manual and electrical front door window regulators are attached to the front door inner panel by four (4) screws.

REMOVAL AND INSTALLATION

1. Remove door trim assembly and both access hole covers.
2. Remove door window glass as previously described. CAUTION: On doors equipped with electrically powered window regulators DO NOT OPERATE REGULATOR MOTOR after the window assembly is disengaged from the regulator, or as a bench operation after the regulator is removed from the door. Operation of the motor with the load removed may damage the unit and make it inoperative.
3. On doors equipped with electrically powered window regulators, disconnect motor leads from wire harness.
4. Remove door inner panel cam attaching screws "D", then disengage cam from regulator arm and remove from door.
5. Disengage door window lower sash channel cam from regulator arms and remove from door.
6. Remove ventilator division channel adjusting stud and nut "E" indicated in illustration opposite.
7. Remove four (4) regulator attaching screws "G" and carefully remove regulator through large access hole. IMPORTANT: To remove the motor assembly from an electrically operated window regulator, carefully read and follow instructions outlined in Electrical section under "Window Regulator Electric Motor Assembly."

ADJUSTMENTS

To relieve a binding door glass caused by the misalignment of the glass with the glass run channels, proceed as follows:

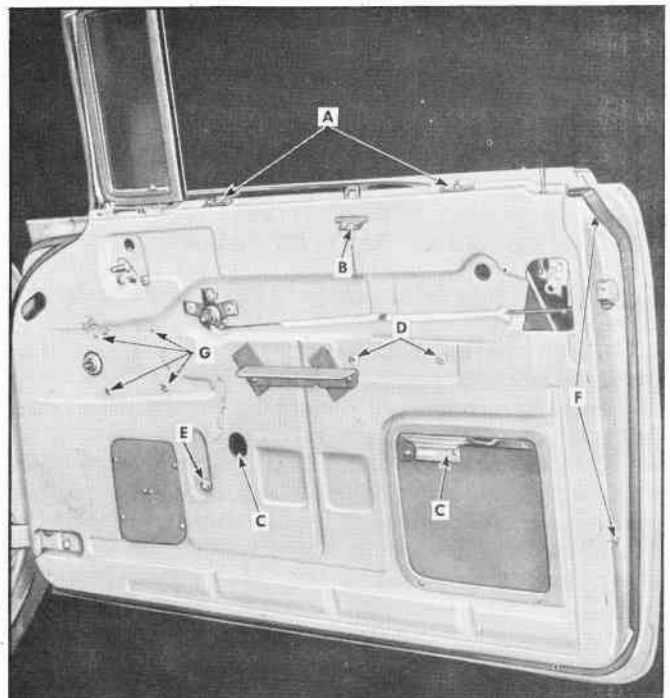
1. To correct a condition where glass is "cocked" in glass run channels, loosen door inner panel cam rear attaching screw "D" shown below, and adjust rear of cam up or down as required, then tighten screw.
2. Loosen ventilator division channel adjusting stud nut at "E" and turn stud in or out, or position lower end of division channel fore or aft as required, then tighten nut.
3. Loosen glass run channel attaching screws "F" at lock pillar and position channel in or out as required, then tighten screws.

DOOR WINDOW GLASS RUN CHANNEL

2564DF STYLES

REMOVAL AND INSTALLATION

1. Remove door window glass as previously described.
2. Remove glass run channel attaching screws "F" and remove glass run channel from between door panels.
3. To install, reverse removal procedure.



8. To install, reverse removal procedure. Seal door inner panel as specified in "Door Inner Panel Sealing."

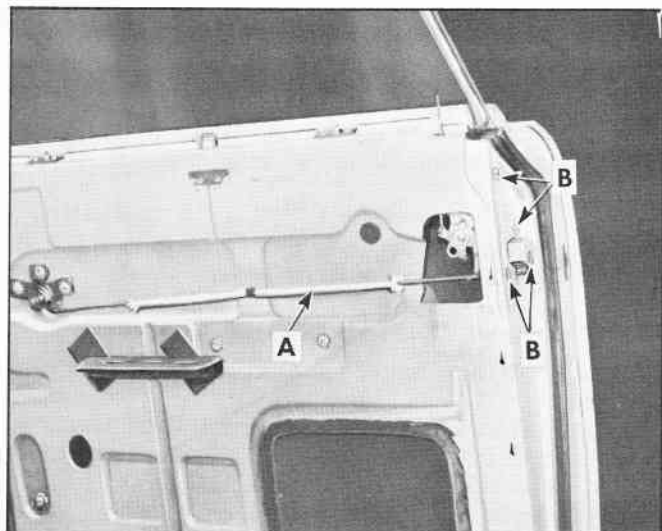
Lubricate window regulator and cam channels as specified in "Body Lubrication" section.

DOOR LOCK ASSEMBLY

2564DF STYLES

REMOVAL AND INSTALLATION

1. Remove door window glass and door glass run channel. See "Door Window" and "Door Window Glass Run Channel."
2. Remove door lock remote control assembly and disengage connecting rod "A" from lock.
3. Remove four (4) screws "B" securing door lock to door lock pillar and remove lock.
4. To install lock, reverse removal procedure. Seal door lock as specified in "Door Lock" on page 14.



DOOR WEATHERSTRIP

2564DF STYLES

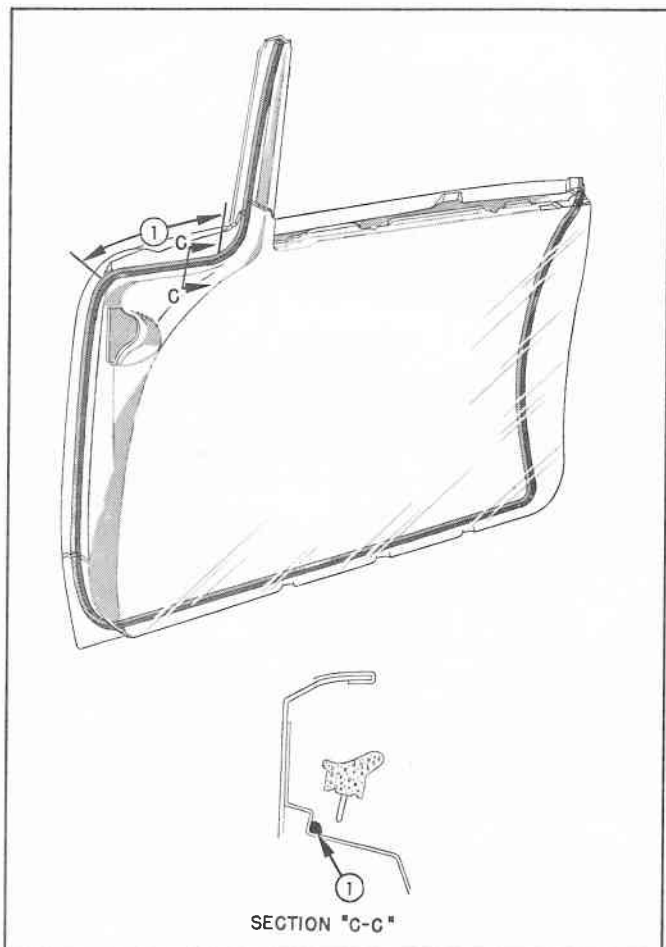
The door weatherstrip consists of three (3) sections vulcanized together to form a one-piece weatherstrip. The weatherstrip is secured to the door with integral retaining clips which snap into holes in the door panel, and with screws at the door hinge pillar extension.

REMOVAL

1. Remove door ventilator garnish molding.
 2. Remove screws securing weatherstrip to door hinge pillar extension.
 3. Using mechanically-retained weatherstrip inserting tool, carefully position tip of tool under weatherstrip at each clip location and snap clip out of hole.
- NOTE: At the door cove area remove snap-in clips and carefully break weatherstrip cement bond when disengaging clips from holes in panel.

INSTALLATION

1. Prior to installation of weatherstrip, apply a bead of weatherstrip cement along cove area as indicated at "1" in drawing.
2. Install upper portion of weatherstrip to door hinge pillar extension with attaching screws.
3. Using weatherstrip inserting tool or other suitable tool, carefully install weatherstrip clips into holes in door panel. See illustration in "Door Weatherstrip," page 17. NOTE: Do not use excessive force or strike tool when pushing clips into holes as it may distort the shape of the clip and result in improper weatherstrip retention.
4. Remove door trim assembly and access hole covers. Working through access holes, apply medium-bodied sealer over and around weatherstrip attaching clips indicated at one (1) in illustration, page 17. All clips along door bottom and lower clip at each door pillar should be sealed.
5. Seal door inner panel as specified in "Door Inner Panel Sealing" and reinstall previously removed parts.



SIDE ROOF RAIL WEATHERSTRIP

2564DF STYLES

The side roof rail weatherstrip consists of one section of a fabric covered rubber designed with a metal insert formed to the contour of the side roof rail. The weatherstrip is secured to the side roof rail with screws installed through the weatherstrip into the side roof rail.

REMOVAL

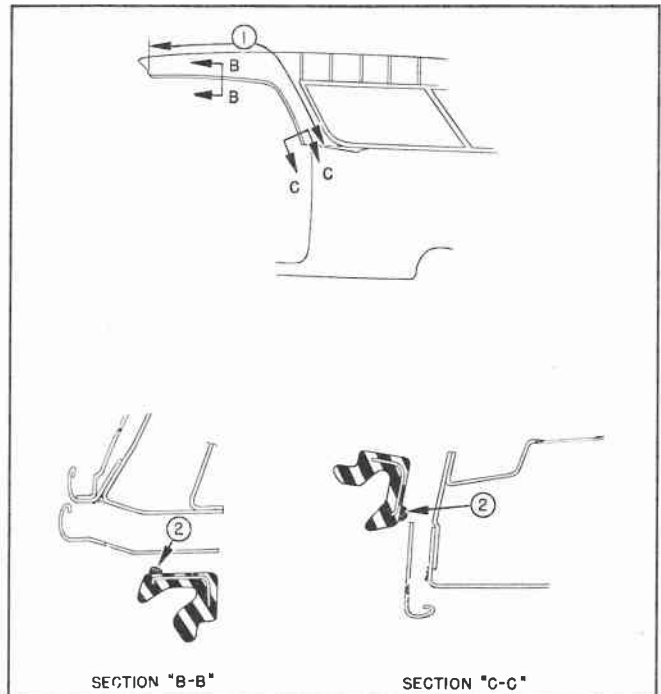
1. Remove screws securing weatherstrip to side roof rail and carefully remove weatherstrip.

INSTALLATION

1. Clean off old sealer from weatherstrip and side roof rail.
2. Apply bead of caulking compound along length of weatherstrip indicated at one (1) in illustration. Apply seal along line just outboard of attaching holes as shown at two (2) in section "B-B" and "C-C".
3. Assemble weatherstrip to side roof rail. Install attaching screws loosely, adjust weatherstrip as required, then tighten screws.
4. Clean off excess sealer.

ADJUSTMENTS

1. To adjust side roof rail weatherstrip inboard or outboard, loosen attaching screws and position weatherstrip as required, then tighten screws.
2. To adjust side roof rail weatherstrip downward, loosen weatherstrip and insert waterproof shim as required between weatherstrip and side roof rail.



REAR DOOR ASSEMBLY AND HINGES

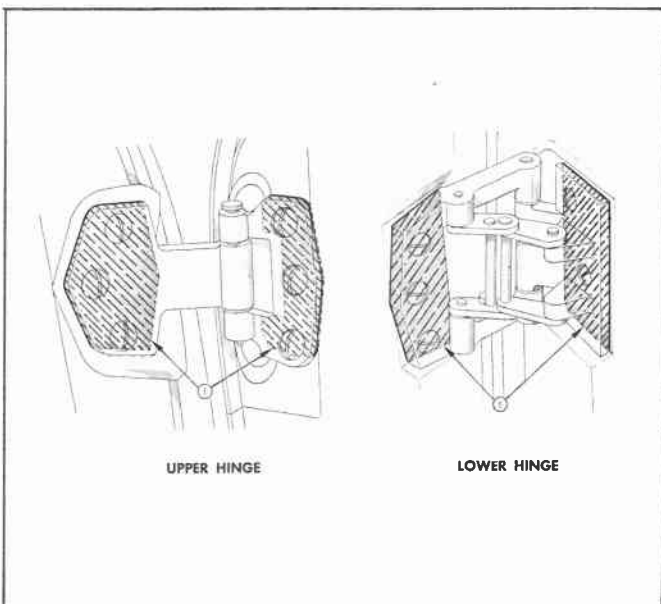
2562, 2562DF

The rear door assembly is attached to the body with two (2) "butt" type hinges. Each hinge is secured with three (3) bolts to an anchor plate inside the door hinge pillar and the center hinge pillar. A "toggle" type door check and hold open is an integral part of the rear door lower hinge assembly.

1. The door and hinges can be removed as an assembly from the center hinge pillar.
2. The door can be removed from the hinge straps.

REMOVAL

1. If door is being removed from center hinge pillar remove hinge cover plates.
2. Clean off excess sealer from around hinge straps and scribe location of hinge straps on center pillar or door hinge pillar.
3. On bodies equipped with electrically powered window regulators, proceed as follows:
 - a. Remove door trim assembly and access hole cover.
 - b. Remove two (2) screws securing electric conduit to center hinge pillar. Bend out conduit tabs and remove from wire harness.
 - c. Loosen or detach wire harness clips, as required, and disconnect motor leads from harness. Remove wire harness from between door panels through opening in door hinge pillar.
4. With door properly supported, remove three (3) upper and lower hinge attaching bolts at center hinge pillar or at door hinge pillar, depending on method of removal being used.
5. With aid of a helper, remove door from body opening.





REAR DOOR ASSEMBLY AND HINGES

INSTALLATION

1. With scraper and mineral spirits, clean off old sealing compound at hinge areas. This operation should be performed carefully to avoid possibility of soiling adjacent trim material.

2. Apply a coat of heavy-bodied sealer to attaching surface of hinge straps or to corresponding surfaces of door hinge pillar or center hinge pillar, as indicated at "1" in drawing at bottom of previous page.

NOTE: It is important that sealer be applied completely over shaded area, as shown in drawing on previous page, to obtain proper weatherseal and effective anti-squeak.

3. With aid of helper, lift door assembly into body opening.

4. Install hinge bolts loosely, then align hinge straps within scribe marks on pillar and tighten bolts. Check door for alignment.

5. On bodies equipped with electrically-powered window regulators, proceed as follows:

a. Install wire harness in between door panels; tighten wire harness clips and connect motor leads.

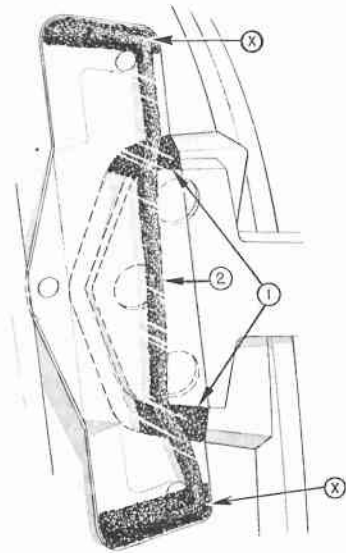
b. Reinstall conduit to door hinge pillar.

c. Seal door inner panel as specified and reinstall previously removed parts.

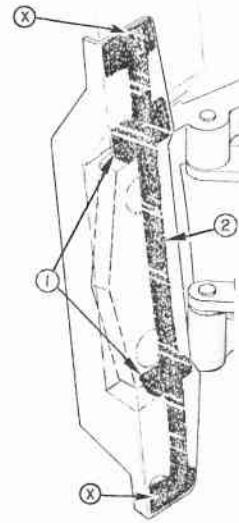
6. If door and hinges were removed from center hinge pillar, hinges and cover plates must be weathersealed before cover plates are installed over hinge straps. Seal hinges and cover plates with medium-bodied sealer as outlined below. NOTE: Later production bodies do not have upper hinge cover plate.

a. At top and bottom of hinge at "1" apply sufficient sealer to fill hinge depressions at these points and provide flush condition with surface of pillar.

b. Apply continuous ribbon of medium-bodied sealer to underside of hinge cover plates along line just outboard of bend in surface of plate contacting center pillar facing as indicated at "2". At each end of cover plate, sealer should extend 1" from top and bottom edges. The edges indicated at "X" should be sealed with body caulking compound.



UPPER HINGE



LOWER HINGE

REAR DOOR HINGE ADJUSTMENT

When checking the door for misalignment, remove the door lock striker from the body pillar to allow the door to hang free on its hinges. Then check the spacing at the sides and top of the door.

In and out adjustments can be made at the center pillar attaching bolts while up and down adjustments can be made at the door pillar attaching bolts. In addition, waterproof shims can be installed between the center pillar and hinge strap to adjust the door forward or rearward. To adjust rear door, proceed as follows:

1. For in and out adjustments, remove hinge cover plates and loosen hinge bolts at center pillar, then shift door to desired position and tighten bolts.

2. For up and down adjustments loosen hinge bolts at

door pillar; shift door to desired position and tighten bolts.

3. For rearward adjustment, prop door and proceed as follows:

a. Remove either upper hinge or lower hinge bolts at center pillar. (It is easier to adjust one hinge at a time.)

b. Cement full waterproof shim to hinge strap and reinstall bolts.

4. For forward adjustment, loosen hinge bolts at center pillar and install a partial waterproof shim at inner edge of hinge straps, then tighten bolts.

5. Seal hinges and hinge cover plates as specified and reinstall hinge cover plates.

REAR DOOR INNER PANEL SEALING

2562, 2562DF

Whenever work is performed on a door where any of the door inner panel weatherseals have been disturbed, the area must be resealed before the door trim assembly is reinstalled.

The illustration shows the door inner panel openings which are sealed to prevent water leakage and possible damage to the door trim assembly.

1. Apply ribbon of medium-bodied sealer across top and down side flanges of access hole opening to provide seal between cover plate and door inner panel.

2. Apply ribbon of medium-bodied sealer to access hole cover plate starting at point 2" above lower corner extending downward and along edge of offset flange at bottom of cover.

3. After access hole cover is installed, seal lower offset corners.

Apply sufficient body caulking compound to the following locations:

4. Window regulator attaching holes.

5. Door inner panel cam attaching holes.

6. Door trim assembly nail slots.

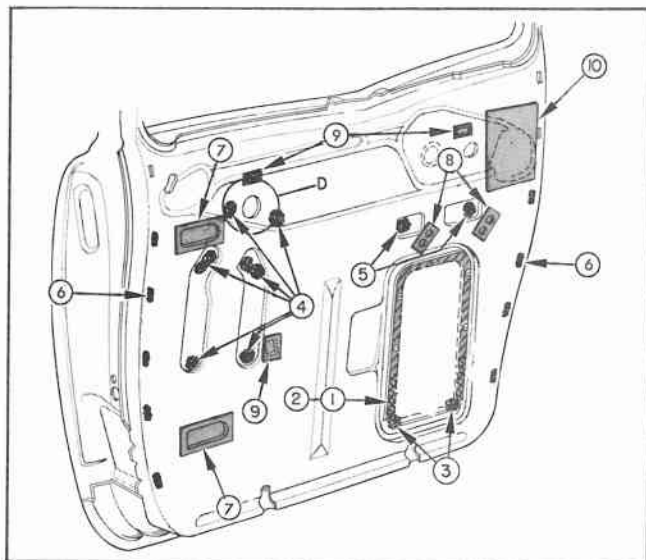
Apply waterproof body tape over the following door inner panel openings:

7. Welding access holes.

8. Arm rest attaching holes.

9. Cam access holes.

10. Lock access hole.



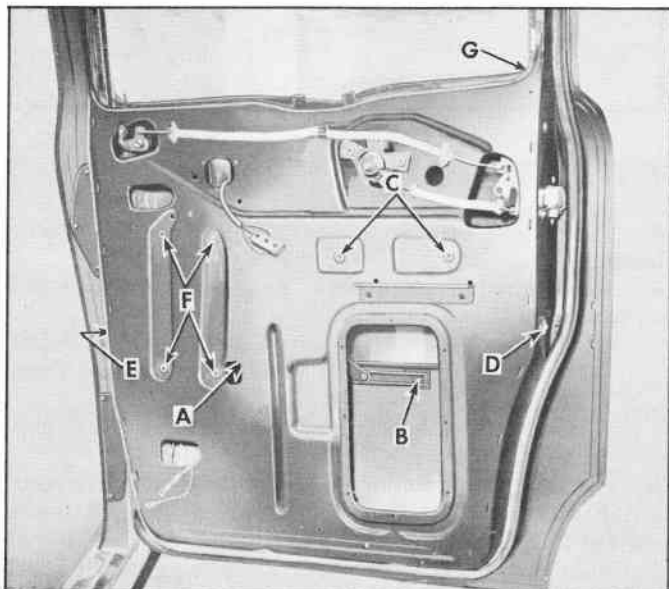
REAR DOOR WINDOW (MANUAL AND ELECTRIC)

2562, 2562DF

The rear door window is removed and installed in a similar manner for both the manual and electrically-operated window.

REMOVAL AND INSTALLATION

1. Lower door glass and remove door trim assembly.
2. On bodies equipped with electric window regulators, disconnect positive battery cable to prevent accidental operation of window regulator with master control switch.
3. Remove access hole cover and the tape covering access hole "A".



4. Remove upper glass run channel. See "Door Window Glass Run Channel Upper."

5. Through access holes remove screws "A" and "B" securing window assembly to door window lower sash channel cam.

6. Disengage window assembly from sash channel cam; lift window to an almost closed position, then tilt glass inward and remove from door.

CAUTION: On doors equipped with electrically-powered window regulators, DO NOT OPERATE REGULATOR MOTOR after the window assembly is disengaged from the regulator. Operation of the motor with the load removed may damage the unit or make inoperative.

7. To install, reverse removal procedure. Seal door inner panel as specified in "Rear Door Inner Panel Sealing."

ADJUSTMENTS

To relieve a binding door glass caused by misalignment of the glass with the run channels, proceed as follows:

1. To correct condition where door glass is "cocked" in glass run channels, loosen rear screw "C" and adjust rear end of door inner panel cam up or down as required, then tighten screw.

2. To correct condition where door glass is "binding" because of improper glass run channel alignment, loosen glass run channel attaching screws "D" and "E" at door pillars and adjust channel in or out as required, then tighten screws.



REAR DOOR WINDOW REGULATOR (MANUAL AND ELECTRIC)

2562, 2562DF

REMOVAL AND INSTALLATION

1. Lower door glass and remove door trim assembly.
2. Remove access hole cover and tape covering access hole "A". On doors equipped with electrically-operated regulators, disconnect motor leads from wiring harness.
3. Through access holes, remove screws "A" and "B" securing window assembly to door window lower sash channel cam, then disengage window from cam and prop glass in "up" position.

CAUTION: On door equipped with electrically-operated window regulators, DO NOT OPERATE REGULATOR MOTOR after the window assembly is disengaged from the regulator or as a bench operation, after the regulator is removed from the door. Operation of the motor with the load removed may damage the unit and make it inoperative.

4. Remove door inner panel cam attaching screws "C" and remove cam.
5. Disengage sash channel cam from regulator and remove from door.
6. Remove regulator attaching screws "F" and carefully remove regulator from between door panels.

NOTE: On electrically-operated window regulators, to remove motor assembly from window regulator, carefully read and follow instructions outlined in Electrical section under "Window Regulator Electric Motor Assembly."

7. To install, reverse removal procedure. Seal door inner panel as specified in "Door Inner Panel Sealing."

NOTE: The regulator lift arm should be in the down position when installing regulator into door.

Lubricate window regulator and cam channels as specified in "Body Lubrication" section.

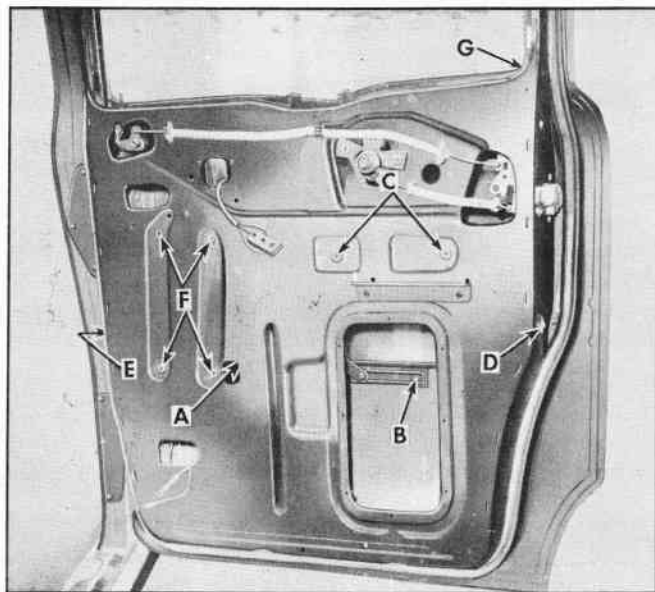
REAR DOOR WINDOW GLASS RUN CHANNEL

2562, 2562DF

The rear door glass run channel consists of a lower rear section extending up the door lock pillar to the door window opening; and an upper section extending around the window opening and down the door hinge pillar. Both sections of glass run channel are secured to the door by rose-bud fasteners around the window opening and a screw through the door pillar at both lower ends. **NOTE:** On later production bodies joint indicated at "G" is located at door hinge pillar.

REAR DOOR WINDOW GLASS RUN CHANNEL—UPPER REMOVAL AND INSTALLATION

1. Lower door window and remove door trim assembly and access hole cover.
2. Remove screw, indicated at "E", securing lower end of channel to door hinge pillar.
3. Carefully pry glass run channel rose-bud fasteners from their attaching holes around door header.
4. Carefully pull channel up through opening and remove from door.
5. To install, reverse removal procedure making certain end of upper channel fits properly into the end of the lower rear channel at "G". Align lower end of channel for free travel of door glass. Seal access hole cover as specified in "Door Inner Panel Sealing."



REAR DOOR WINDOW GLASS RUN CHANNEL—LOWER REAR REMOVAL AND INSTALLATION

1. Lower door window and remove door trim assembly and access hole cover.
2. Remove screw "D" securing lower end of channel to door lock pillar.
3. At rear of window opening detach upper channel from door lock pillar header; also detach one rose-bud fastener, indicated at "G", securing upper end of lower rear channel.
4. Carefully pull lower rear channel up through window opening and remove from door.
5. To install, reverse removal procedure making cer-

tain end of the upper channel fits properly into the end of the lower rear channel at "G". Align lower end of channel for free travel of door glass. Seal access hole cover as specified in "Door Inner Panel Sealing."

ADJUSTMENTS

The lower ends of the glass run channel can be adjusted inward or outward to relieve a binding door glass. To adjust the glass run channel, loosen the attaching screws "D" and "E" at the door pillars and adjust channel in or out as required, then tighten screws.




REAR DOOR LOCK FREE WHEELING ADJUSTMENT

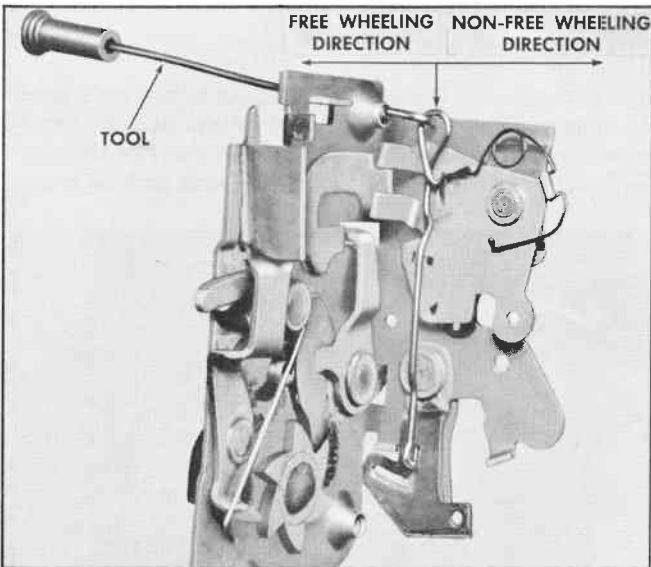
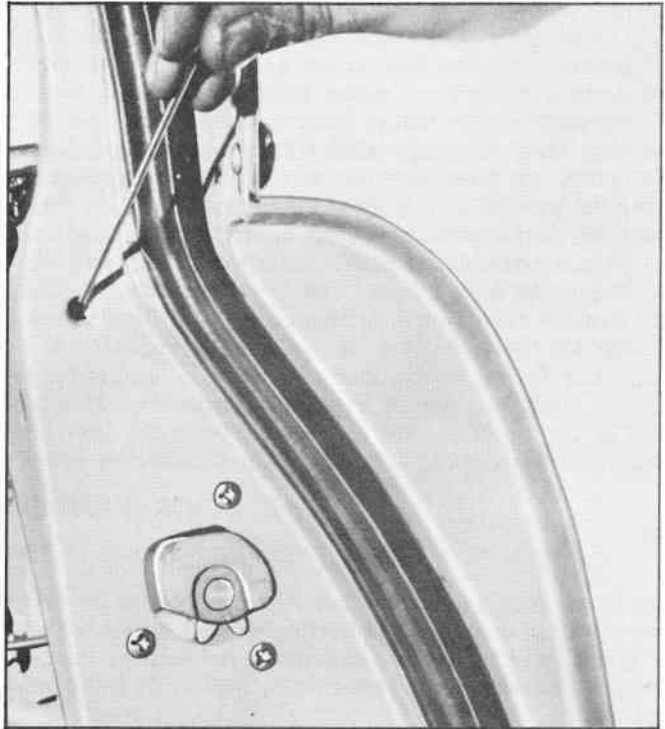
2562, 2562DF


Free wheeling on rear door locks is a safety feature. When the inside locking rod knob is in the down position and the lock is set "in" free wheeling, it prevents the door from being opened by the operation of the remote control handle.

The tool required to perform the free wheeling adjustment can be made from a piece of rod approximately 1/8" in diameter. To make tool, cut rod to 7" length, then bend 3/8" of rod at one end to form right angle.

ADJUSTMENTS

1. Pull inside locking rod knob to the "up" position and remove rear door lock upper attaching screw. 
2. Insert adjusting tool through screw hole as shown in illustration opposite.



3. Engage hooked end of rod in loop of remote control connecting link as shown in illustration. Push rod forward to set lock "out" of free wheeling and pull rod rearward to set lock "in" free wheeling. 

NOTES
