

**SECTION 13-H**

**LUBRICATION (ALL SERIES)**

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**13-24 BODY PARTS LUBRICATED TWICE A YEAR (ALL SERIES)**

The movable mechanical hardware parts of the body the lubricated at the factory to insure proper and quiet operation. Because of the frequent use of some parts such as door locks and door lock strikers, it is important that these readily accessible parts be lubricated at least twice a year. Other body parts should be lubricated whenever access to the parts is available.

**a. Front Door Hinge Hold-Open Clips**

Wipe off dirt and apply a light coat of Lubriplate or its equivalent to hold-open clips indicated at "1" in figure 13-142.

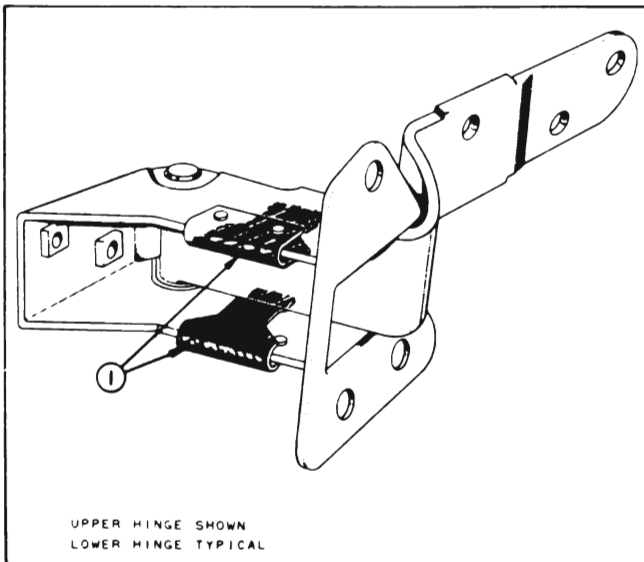


Figure 13-142—Lubrication of Front Door Hinge Hold-Open Clips

**b. Door Lock**

Wipe off dirt and apply a thin coat of stick type lubricant on surface of lock bolt housing indicated at "1" in figure 13-143.

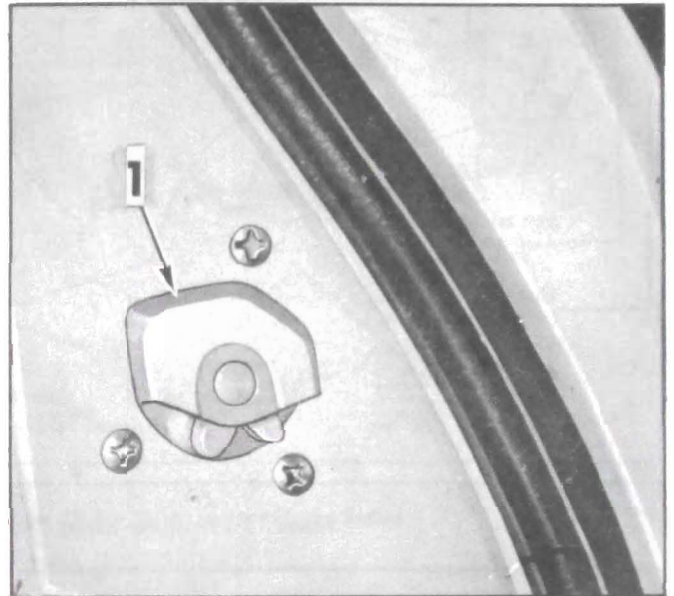


Figure 13-143—Lubrication of Door Lock

**c. Door Lock Striker**

Wipe off dirt and apply a thin coat of stick type lubricant to top surface of lock bolt striker teeth indicated at "1" in figure 13-144. After

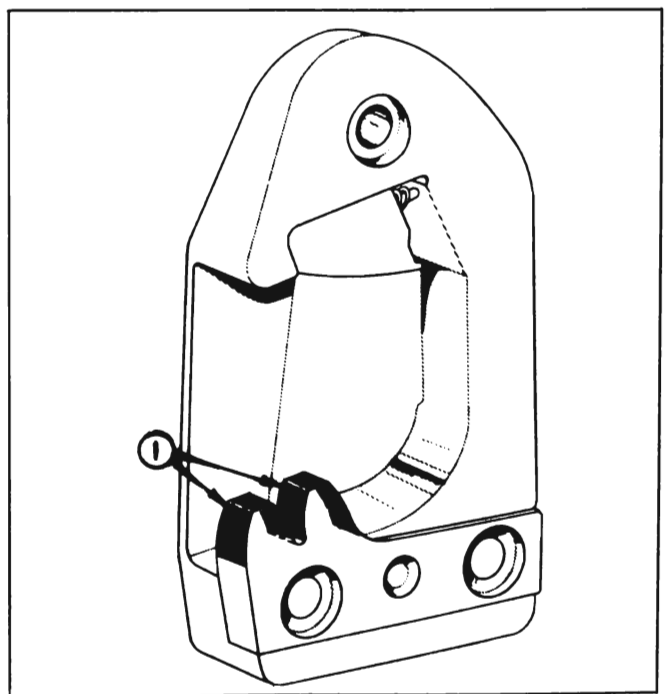


Figure 13-144—Lubrication of Door Lock Striker

lubrication close door several times and remove excess lubricant along the side edge of teeth.

#### d. Rear Door Hinge and Hold-Open Assembly

Wipe off dirt and apply one (1) or two (2) drops of Lubriplate to areas indicated by arrows at "1" in figure 13-145. Wipe off excess lubricant.

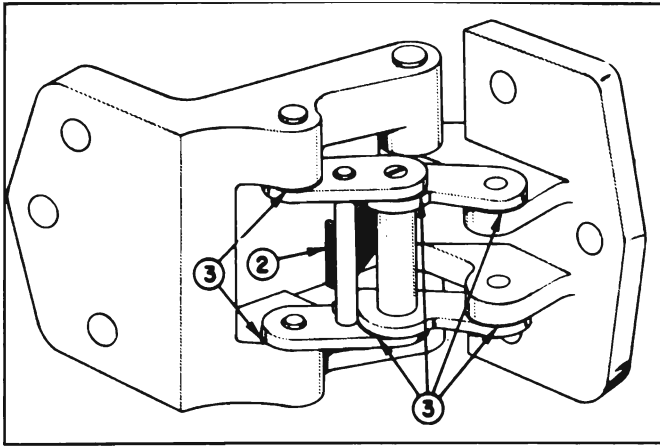


Figure 13-145—Lubrication of Rear Door Hinge and Hold-Open Assembly—Series 40-60

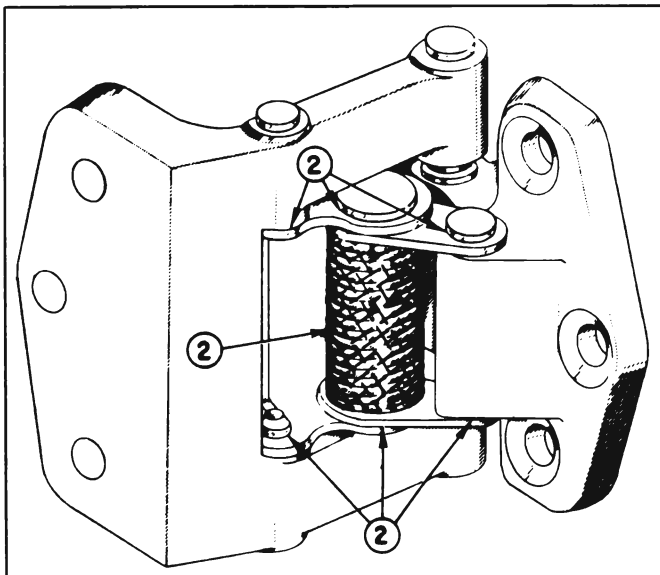


Figure 13-146—Lubrication of Rear Door Hinge and Hold-Open Assembly—Series 50-70-700

#### e. Rear Compartment Lid Lock Bolt

Apply Lubriplate or its equivalent along area indicated at "1" in figure 13-147. Wipe off excess lubricant.

#### f. Front Seat Side Panels—Cars Equipped with Royalite or Leather Seat Side Panels and Leather Seat Trim

Apply a light coat of stick type lubricant along upper edge of front seat side panel indicated at "1" in section "B-B" in figure 13-148. Wipe off excess lubricant. The panel should be

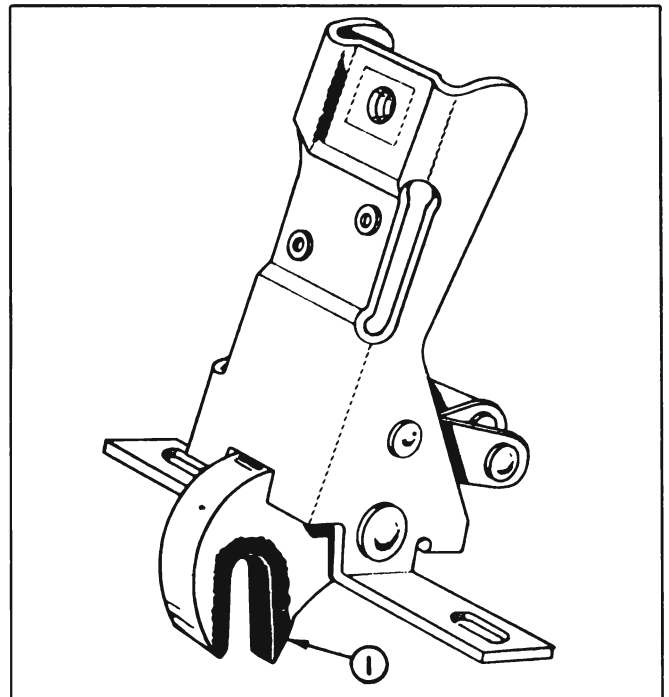


Figure 13-147—Lubrication of Rear Compartment Lid Lock Bolt

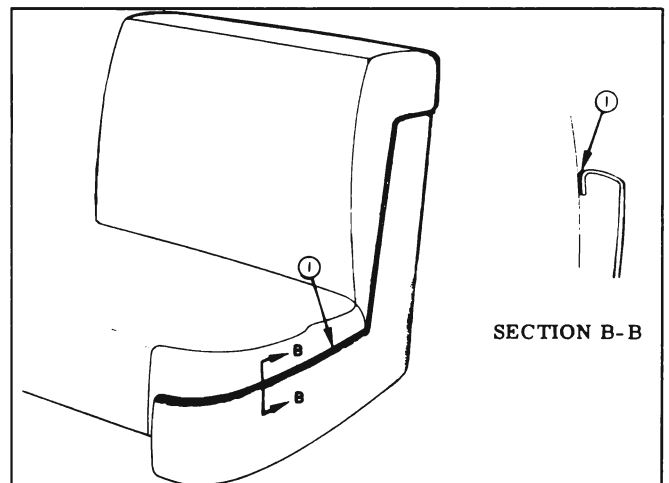


Figure 13-148—Lubrication of Seat Side Panel

lubricated twice a year, or whenever an objectionable noise due to friction between the side panel and seat trim is present.

#### g. Folding Top Linkage (Convertibles)

Apply a sparing amount of light machine oil to bearing points indicated by arrows in figure 13-149. Wipe off excess lubricant to prevent soiling trim.

#### h. Side Roof Rail Weatherstrip (Models 46R-66R)

Apply silicone rubber lubricant to surface of side roof rail weatherstrip indicated in figure 13-150. Lubricant is to be applied along complete length of weatherstrip.

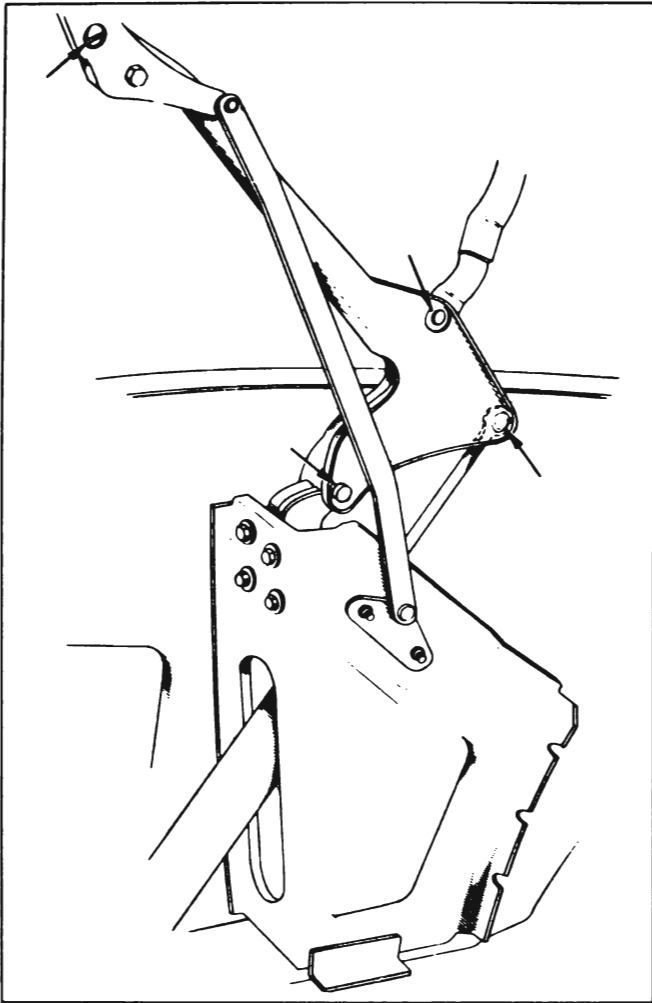


Figure 13-149—Lubrication of Folding Top Linkage

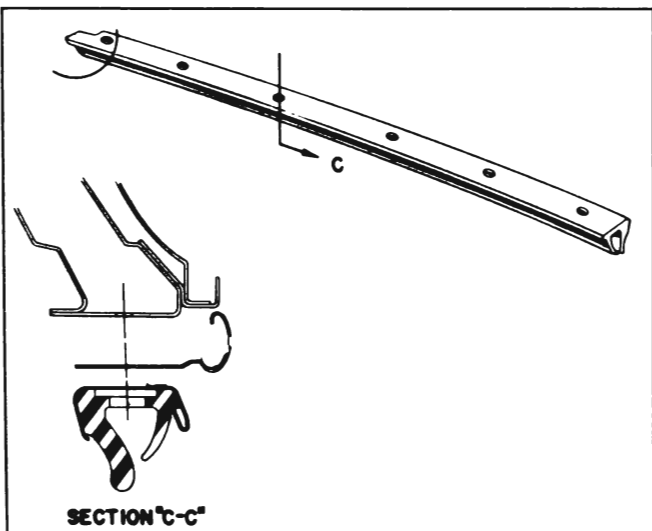


Figure 13-150—Lubrication of Side Roof Rail Weatherstrip

**i. Side Roof Rail Weatherstrip (4-Door Rivieras)**

Apply silicone rubber lubricant to surface of side roof rail weatherstrip indicated in figure 13-151. The weatherstrip section to be lubri-

cated extends from approximately 2" forward of the front door glass frame edge location and rearward for approximately "12" as shown in figure 13-151.

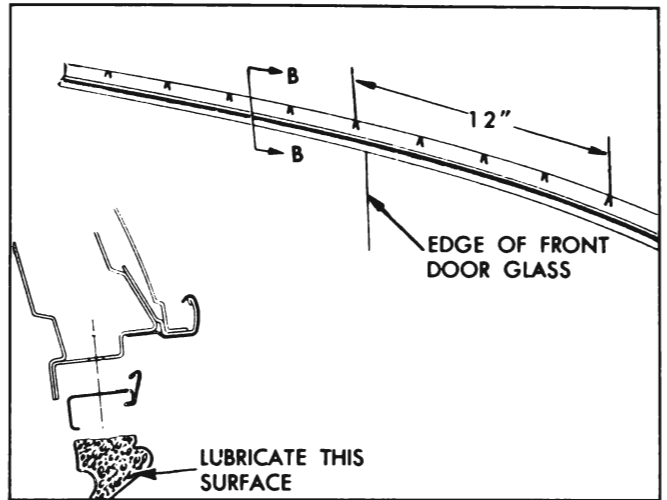


Figure 13-151—Lubrication of Side Roof Rail Weatherstrip

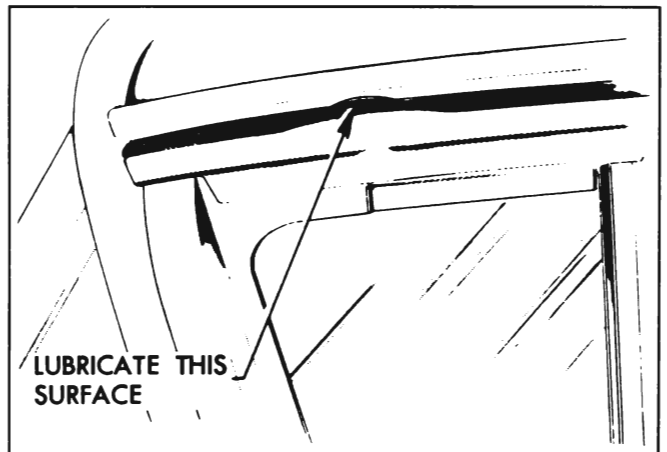


Figure 13-152—Lubrication of Side Roof Rail Mechanical Sealing Strip

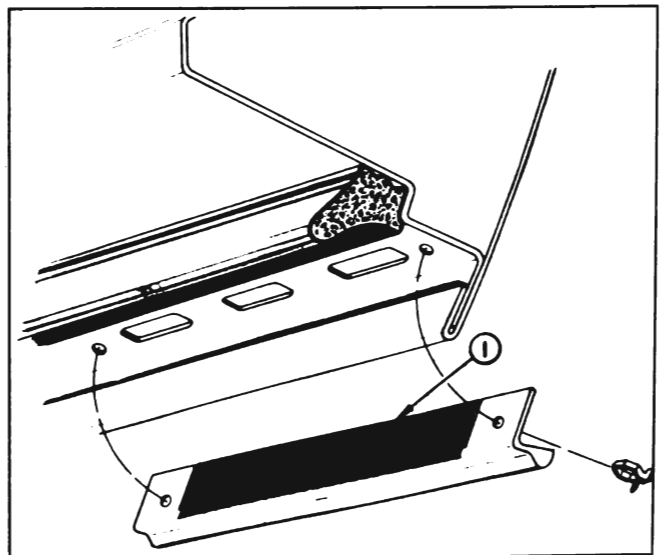


Figure 13-153—Lubrication of Door Bottom Drain Hole Sealing Strip

**j. Side Roof Rail Mechanical Sealing Strip Gasket**

Apply light coat of silicone rubber lubricant to inner lip surface of gasket as indicated in figure 13-152. Lubricant is to be applied along entire length of gasket.

The gasket should be lubricated twice a year, or when the action of the movable outer sealing strip is retarded due to friction with the sealing lip of the gasket.

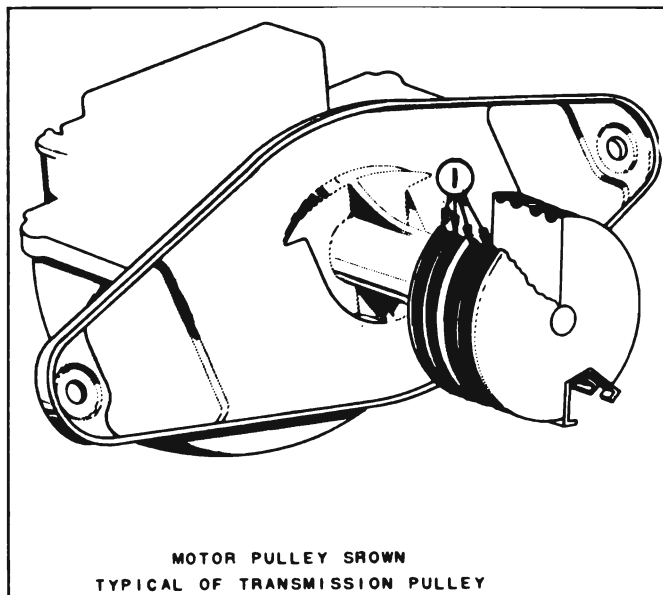


Figure 13-154—Lubrication of Windshield Wiper Motor Auxiliary Drive and Wiper Transmission Pulleys

**k. Door Bottom Drain Hole Sealing Strip**

Apply sparing amount of silicone rubber lubricant to surface of strip indicated at "1" in figure 13-153. This operation is performed to prevent lip of sealing strip from adhering to inner panel and plugging drain holes in bottom of door.

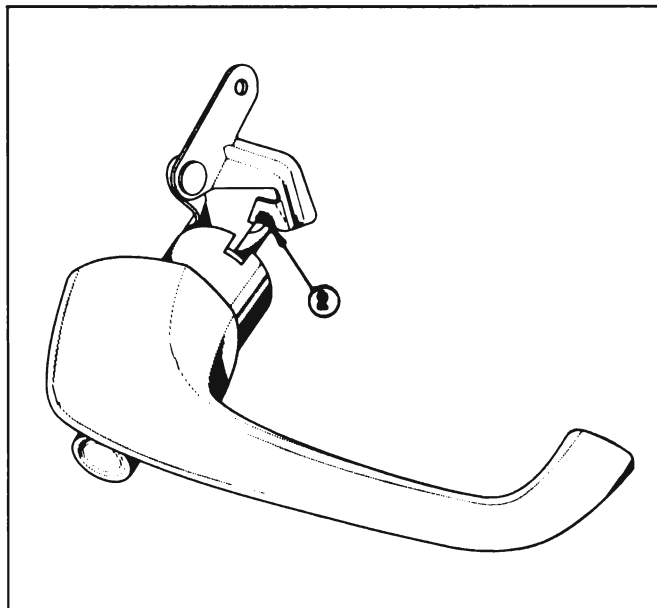


Figure 13-155—Lubrication of Door Outside Handle

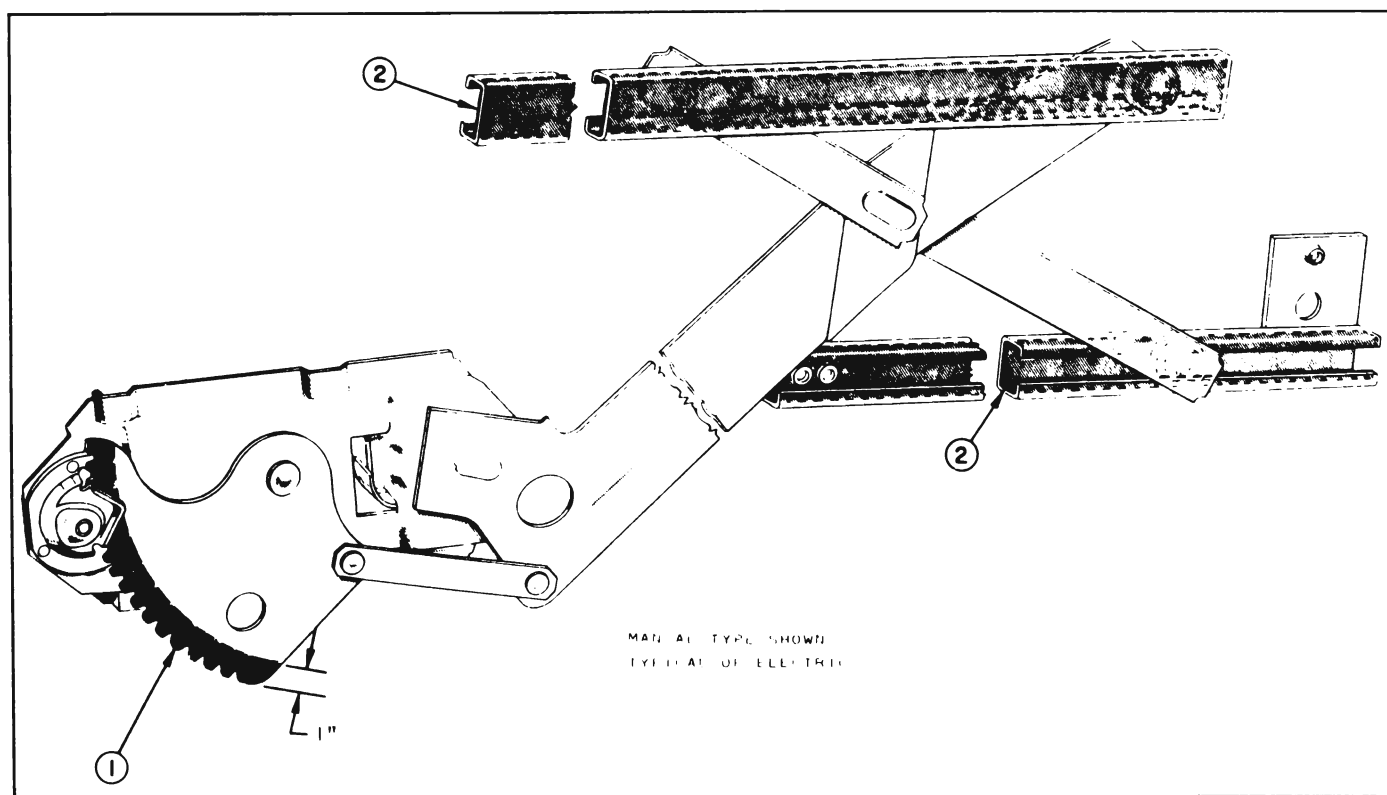


Figure 13-156—Lubrication of Front and Rear Door Window Regulator and Channels

### 13-25 BODY PARTS LUBRICATED WHEN ACCESSIBLE (ALL SERIES)

#### a. Windshield Wiper Motor Auxiliary Drive and Wiper Transmission Pulleys

Apply Lubriplate or its equivalent to locations indicated at "1" in figure 13-154.

#### b. Door Lock Outside Handle

Apply light coat of Lubriplate or its equivalent to surface of lock cylinder shaft contacting the bell crank indicated at "1" in figure 13-155.

#### c. Door Lock Parts

Lubricate moving parts of door lock with Lubriplate or its equivalent.

#### d. Front and Rear Door Window Regulator Sector and Channels

Apply a coat of Lubriplate or its equivalent to location of regulator sector indicated at "1" and to sliding surface of window cam and guide channels indicated at "2" in Figure 13-156. Although the channel and guide assemblies are different on the rear door of the Four door styles, the lubrication of the front door parts is typical of lubrication required on rear door parts.

#### e. Seat Regulator Jack Screw (Six-Way Seat)

Thoroughly wipe off old lubricant; then apply Lubriplate or its equivalent to jack screw. Operate seat adjuster to limit of all positions and wipe off excess lubricant.

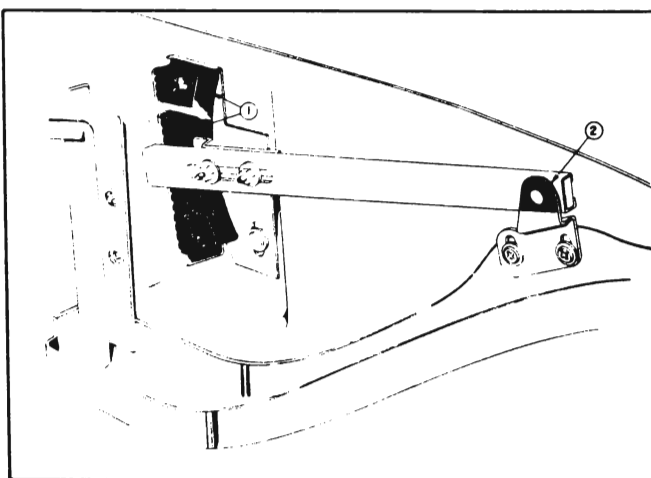


Figure 13-157—Lubrication of Folding Top Trimstick and Support Assembly

#### f. Rear Quarter Folding Top Trimstick and Support Assembly

Carefully apply a thin coat of Lubriplate to locations indicated in Figure 13-157. Wipe off any excess lubricant to avoid soiling the trim material. Figure 13-157.

#### g. Rear Compartment Gutter Weatherstrip

Carefully apply a coat of silicone rubber lubricant to surface of gutter weatherstrip indicated at "1" in Section "B-B," and along length of weatherstrip indicated by "2." The weatherstrip should be lubricated twice a year or when the action of the compartment lid is retarded due to friction with the weatherstrip.

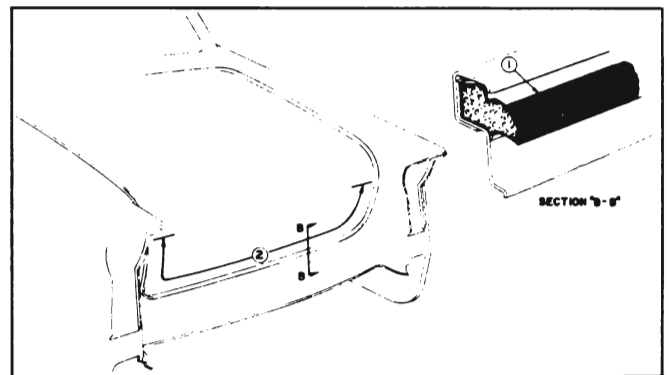


Figure 13-158—Lubrication of Rear Compartment Weatherstrip

#### h. Door Locking Mechanism

Apply Lubriplate or its equivalent at pivot joints of inside locking rods as indicated by arrows in Figure 13-159.

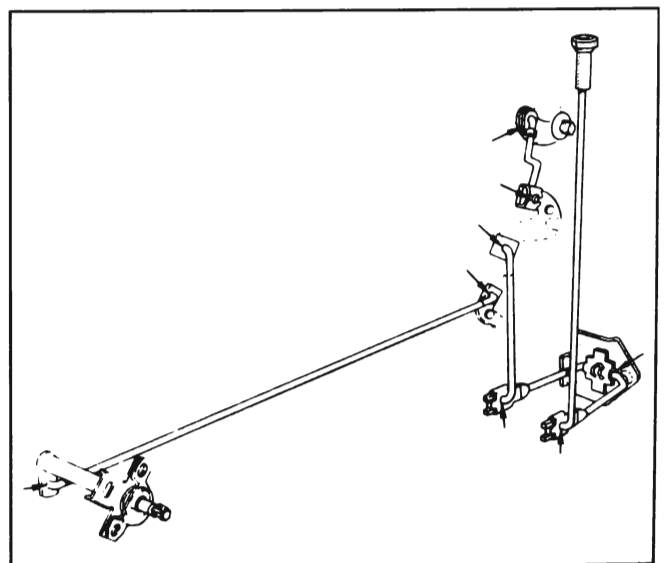


Figure 13-159—Lubrication of Door Inside Locking Rods