

## SERVICE PROCEDURES

**PANEL REMOVAL:** Open panel fully, remove cam-stop screws (#904), cam stop (#147) and nut block assembly (#150). Close panel half-way, remove front glider screws (#910), and slide front gliders forward to clear panel for removal from track. (To avoid need for removing deflector and yet not scratch it while removing panel, position front gliders at front of tracks to depress deflector springs). For metal panels also remove sunshade attachment screws (#903). Lift panel front edge slightly off track to avoid scratching track, and run panel forward while supporting front edge. **CAUTION:** Do not lift panel too high, too soon, to avoid scratching the top surface of the panel on underside of car roof. When  $\frac{1}{2}$ " (1.5 cm) from closed position, lift front edge out\*\* of opening to just clear car roof; continue to run forward  $\frac{1}{2}$ " (4 cm) beyond the front edge of the opening. Remove hinge attachment screws (#912) with washers (#930) and lift panel out of opening.

\*\*Tape protective covering to roof top at front of opening to avoid damaging paint or vinyl top with panel.

**SUNSHADE REMOVAL:** Move sunshade into fully closed position. On POZ-E-Power units, remove nylon lock nut (#943) from leadscrew and slide centering block assembly (#450) forward to clear leadscrew tip. Arc up gently at center (push up from underneath) to extract from track groove at one side. Lift rear spacer over rear molding to remove from opening.

**PANEL REPLACEMENT:** Position sunshade about 2" (5 cm) forward of the fully open position. Panel hold-down tab (#313) can then be aligned with cams (#435/436), and rear hinge section (#317) aligned with nutserts (#945) in rear gliders (#433/434). For the POZ-E-Power units, when panel is attached to the rear gliders and switch is operated, a slight rearward pressure must be applied to engage the panel drive nut (#422) with the leadscrew (#401).

**FRONT HOUSING SEAL REPLACEMENT:** Remove Panel. Remove Wind Deflector. Make a vertical razor cut of the Front Housing Seal (#5/6-743)  $\frac{1}{2}$ " behind the rear of the sunroof opening on both sides. Loosen Screws (#0-925) and remove the 4 Seal Supports (#5/6-742). Pull the seal out of the housing. Apply G.E. Silglaze #2501 to the top edge of the housing on both sides and along the front. Smooth the sealant with your finger to provide a smooth fill of the gap between the top edge of the housing wall and the underside of the Pre-Ring (#5/6-770). For replacement seal use either part #5/6-143 or #5/6-743. If #743 is used cut the rear flap and bulb from the seal. After the applied sealant has "skinned" (10 to 15 minutes) reinstall the seal supports raising them as high as possible and tightening the screws. Apply 3M adhesive No. 1300 or 1711 to the seal rear surface and the seal support face, and glue the seal to the supports. Start at the rear corner and butt the new seal against the old. Do not stretch the seal during application particularly not in front corners. Apply sealant to any gap between new and old seal. Reinstall wind deflector and glass panel. Keep panel tightly closed for 24 hours to allow new seal to take proper set.

**TRANSMISSION REMOVAL (POZ-E-Power Only):** Remove rear trim molding, sail panels if necessary, drop headliner and remove rear cover pan (#102). Run panel to within 2" or 3" (5-8 cm) of the fully open position. Remove transmission screws (#905) and pull transmission to the rear  $\frac{1}{2}$ " to 1" (1-3 cm). Using pliers remove the groove pin (#970). The coupling (#413) can be rotated to position the groove pin for removal. Disconnect motor lead receptacle (#984) from plug (#983), remove motor/transmission, and disconnect motor from transmission. When replacement transmission is installed, use a new groove pin and coat with Loctite before pressing into shaft.

**SOLID STATE CONTROL ADJUSTMENT (POZ-E-Power Only):** Pull control switch downward from roof. Look for adjustable potentiometer to right of switch mounting hole and turn gently with finger. Turning clockwise decreases pressure of closing panel, counterclockwise increases pressure. Using 0-50 lb. spring scale held in way of closing panel, set to 34-36 lb. at 65-75 F. (15-16 kg at 18-25 C.) ambient temperature. Solid State Control automatically compensates for temperature conditions and will allow greater pressure at lower temperatures. If unit must be replaced, it is necessary to drill out rivets (#951/956) holding the solid state control support bracket (#442) to the housing sub-assembly (#101), and to the vehicle header metal. The "control wire" (#974, Fig.1) should be replaced loosely in front of housing, taped to prevent rattles but never bunched tight or coiled. Shortening this wire increases power. The support bracket must be well grounded to the vehicle.

**CABLE REMOVAL (E-Z-Glide Only):** Remove panel. Jog switch to move power bar into the opening. Remove flag attachment screws (#904) and disconnect flag (#632) from the power bar assembly (#420). Slide power bar to the rear to clear the flag. Operate switch in forward direction, driving cable (#631) out of guide tube until it stops. By hand, pull the remaining cable from the guide tube.

**CABLE REPLACEMENT (E-Z-Glide Only):** Insert cable (#631) into the end of the guide tube (#633) and feed until the cable end contacts the gear (#640). Maintain this contact with slight pressure and operate control switch to engage cable and gear. Continue operating switch to feed cable to approximately 1" from guide tube. Attach power bar to flag. Carefully align flag (#632) with slot, and operate switch to drive power bar into panel attaching position.