

# Mid Fifty F-100 Parts

1-800-252-1956

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## INSTRUCTIONS

1953-55

### 4. DOOR GLASS AND VENTILATOR ASSEMBLY

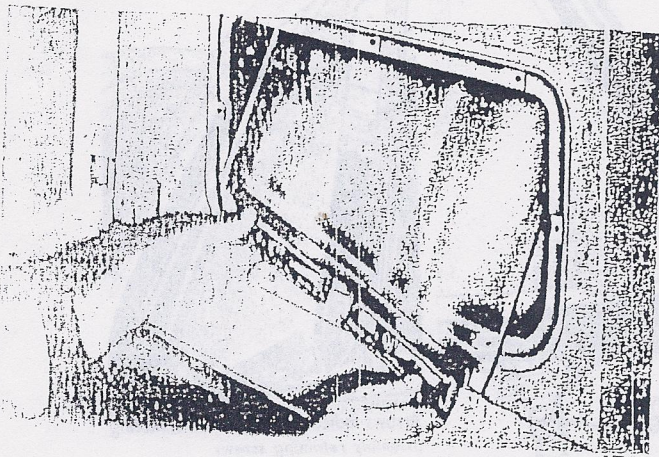


Fig. 20—Door Glass Removal

This section covers the replacement of the door glass and ventilator assemblies on conventional and Cab Forward models. Detailed information regarding the various adjustment procedures required to maintain proper operation of these assemblies is also included.

It is essential that correct door glass and ventilator adjustments be maintained at all times. An improperly adjusted door glass or ventilator assembly will cause excessive rattling, dust or water leaks, or broken glass due to excessive stress or strain. These annoying conditions can be eliminated by following the simple methods of adjusting the door glass and ventilators described in this section.

#### a. Door Glass Replacement.

To assure a proper fit, it is recommended that only



genuine Ford approved glass be used. Each piece of glass is pre-cut to fit a specific model.

(1) **REMOVAL.** Remove the door trim panel (if equipped). Remove the access hole cover plate. Remove the division bar retaining screws, then lower the division bar into the door. Lower the door glass and disconnect the regulator arms from the rollers. It is not necessary to completely disassemble the rollers to disconnect the regulator arms. Pull the spring retainer out of each roller just far enough to release the regulator arms. After the regulator arms have been released, press the spring retainers back into position on the rollers.

Lower the glass until the glass is out of the runs, then remove the glass through the opening in the door (fig. 26).

(2) **INSTALLATION.** Raise the glass in position in the door. Enter the glass in the runs. Line up the regulator arms with the rollers, and press the two together until the spring retainer on each roller is firmly locked to the regulator arms. Install, but do not tighten the division bar retaining screws. Adjust the division bar so the glass rides smoothly in the runs, then tighten the division bar retaining screws.

Raise the glass to within 1/2 inch of the top. If the glass is not parallel with relation to the top of the door, or is sagged, adjust the window regulator.

**CAUTION:** To avoid glass breakage after installation, be sure the glass rides freely in the runs. Adjust if necessary.

Install the access cover plate, or trim panel.

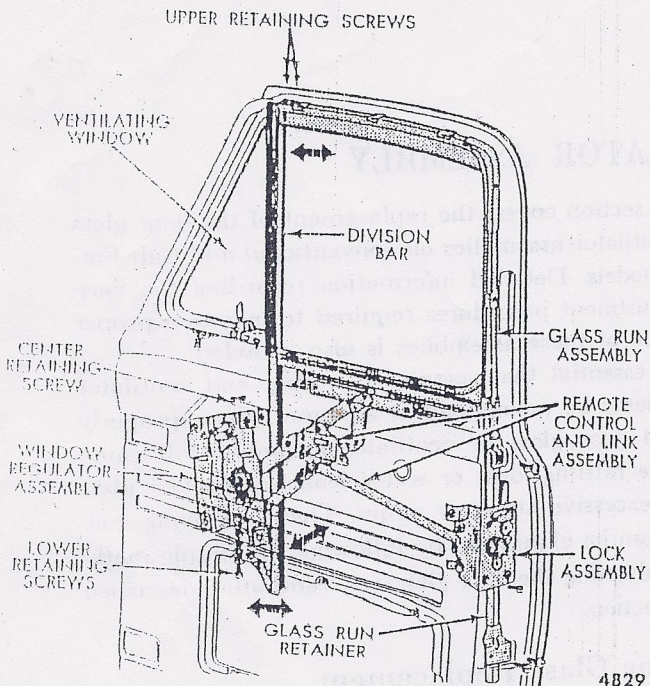


Fig. 27—Door Interior

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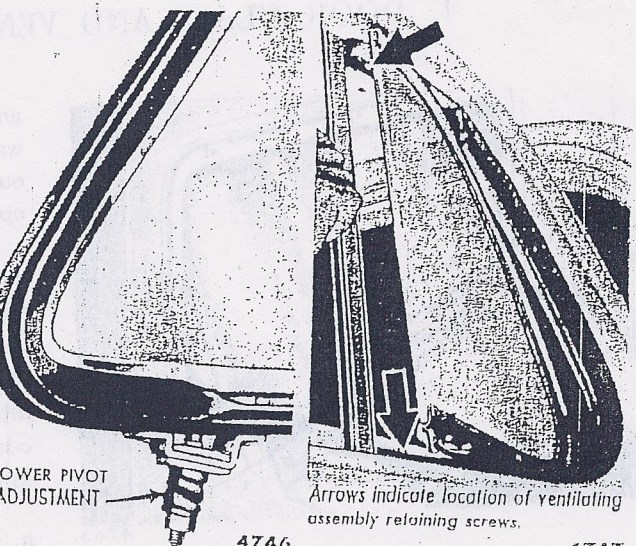
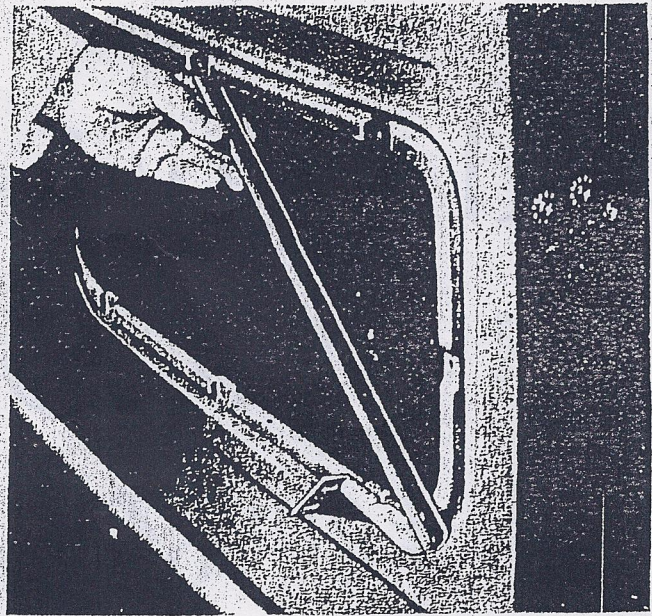


Fig. 29—Ventilator Adjustment

Fig. 30—Ventilator Retaining Screws

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Fig. 28—Division Bar Removal

### b. Division Bar and Ventilator.

The division bar and ventilator assemblies are serviced separately. Each assembly is adjustable independently.

(1) **DIVISION BAR ADJUSTMENT.** The division bar adjustments are located at the upper, center, and lower ends (fig. 27).

The upper, center, and lower adjustments permit fore and aft movement, and in addition, the lower adjustment will permit the division bar to be tilted toward or away from the door inner panel.

If the door glass has excessive side to side movement, loosen the upper, center, and lower retaining screws,



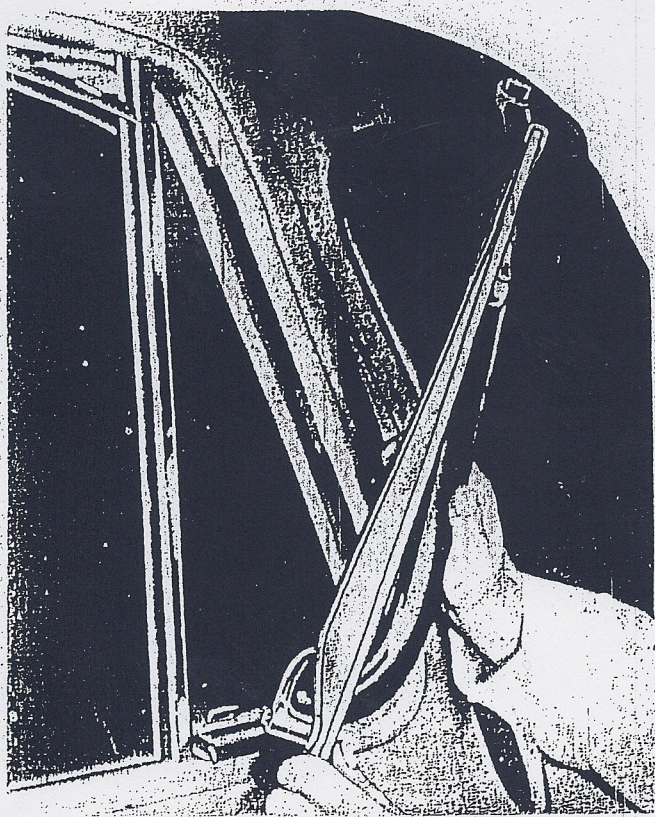


Fig. 31—Ventilator Assembly Removal

and move the division bar toward the glass. Tighten the retaining screws. When making this adjustment, it may also be necessary to adjust the ventilator assembly toward the division bar in order to maintain a good seal at the ventilator.

(2) **DIVISION BAR REPLACEMENT.** Remove the door trim panel (if so equipped). Remove the access cover plate. Remove the division bar retaining screws (fig. 27). Remove the window regulator assembly and glass. Lower the division bar, and remove it through the access opening as shown in fig. 28.

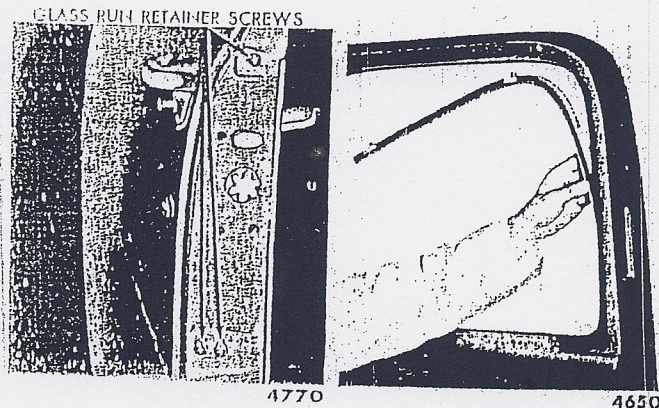


Fig. 32—Glass Run Lock Side

Fig. 33—Glass Run Replacement

(3) **VENTILATOR ADJUSTMENT.** If the ventilator operates too freely, or will not stay open, increase the spring tension by tightening the adjusting nut located at the lower pivot (fig. 29). If the ventilator binds or is hard to operate, loosen the adjusting nut to decrease the spring tension.

Apply lubricant B4A-19587-A to the ventilator pivot before installation.

(4) **VENTILATOR ASSEMBLY REPLACEMENT.** Remove the ventilator retaining screws (fig. 30). It is not necessary to remove the weatherstrip from the channel to remove the retaining screws. Remove the division bar retaining screws to obtain adequate clearance for the removal of the ventilator assembly. Move the ventilator toward the lock side of the door, then pull the upper part of the ventilator frame out at the top. Raise the assembly out of the door (fig. 31).

To install, insert the lower pivot in the door, then swing the upper end in place. Move the ventilator forward and center the ventilator frame between the outer and inner panel. Carefully pull the inner and outer lips of the weatherstrip over the door panels. Install the ventilator retaining screws. Install the division bar retaining screws, and adjust the division bar so the ventilator glass seals properly against the rubber seal on the division bar. Install the access opening cover plate and trim panel (if so equipped).

### c. Glass Run Assembly—Lock Side.

The glass run retainer on the lock side of the door is adjustable to maintain alignment with relation to the division bar. The glass run retainer is secured to the lock side of the door at two points as shown in fig. 32. Elongated holes permit shifting the glass run toward or away from the door panel.

(1) **ADJUSTMENT.** Loosen the retaining screws shown in fig. 32. With the door glass in the lowered position, shift the glass run retainer in either direction in the elongated holes until the glass rides freely in the run. Tighten the retaining screws.

(2) **REPLACEMENT.** Remove the door glass. Using a screwdriver, carefully pry the glass run clips free along the top and side of the door. Remove the run from the top of the door, then lift the run assembly out of the door (fig. 33).

The glass run retainer can be removed through the access opening in the door.

To install, carefully lower the glass run into the door. Make certain the glass run is properly fastened at the upper and lower ends of the glass run retainer. Align the glass run clips in their holes.

Press the clips firmly in place. Install the door glass. It may be necessary to cut the surplus felt from the end of the glass run so that the glass run will fit tightly against the top corner of the division bar.