

BALLS POWER WINDOW KIT INSTALL INSTRUCTIONS

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1737-B

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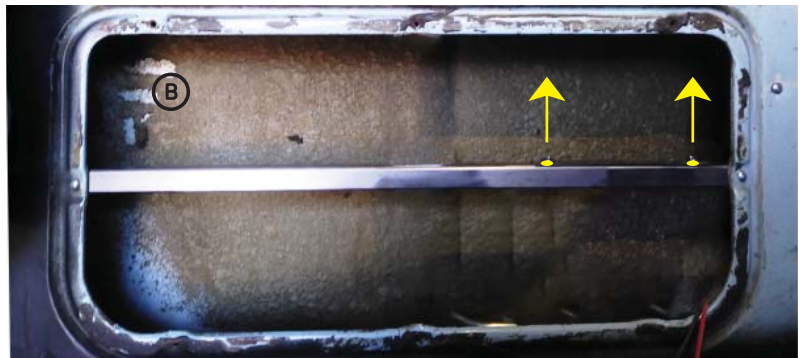
MID FIFTY F-100 PARTS 800-252-1956

- 1.(Fig. A) If your kit came with black lift channels, remove them and replace with the clamp style lift channels. Use the metric bolts with the phillips head to install the clamps onto the vertical lift.
- **You can use the black lift channels for any application OTHER than 1953-55 curved solid side window glass, but we find the clamp style easier to work with.



2. Remove your interior door handles, panels, & anything else in the door inspection plate. Then remove the inspection plate itself.

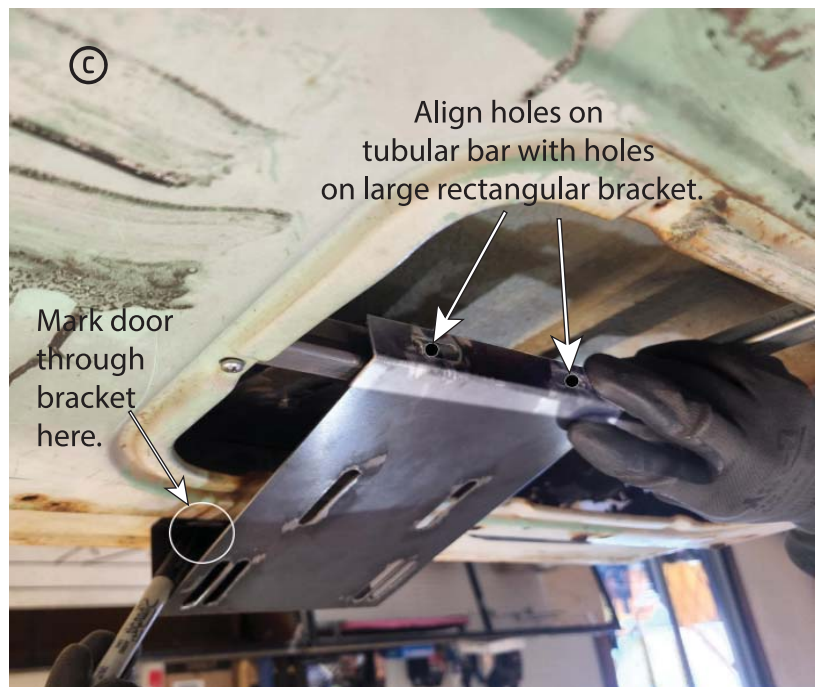
3. Insert the square tubular bar through the inspection hole and mount it to the side inspection plate holes using the 3/4" self tapping screws (Fig. B). ***Do not over tighten screws. The bar will need to be removed before being reinstalled later.



4. Align the 2 upward facing holes on the tubular bars with the 2 holes in the top of the large rectangular bracket (Fig. C).

Then use a marker or grease pencil to mark the locations of small slotted holes that fall below the inspection hole on your door.

5. Put the bracket aside & uninstall the tubular bar.



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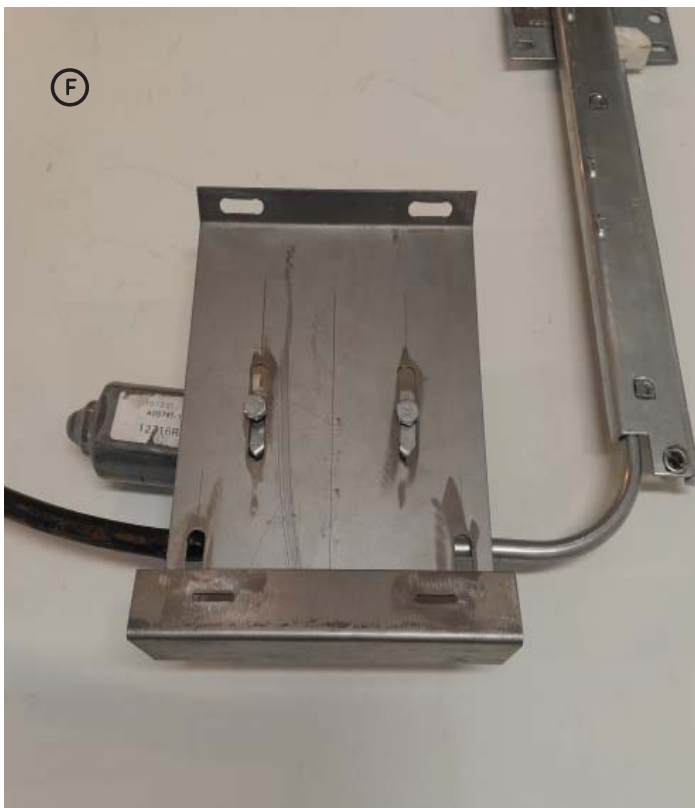
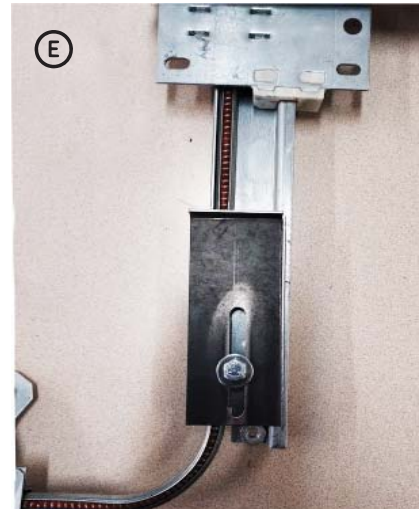
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6. Using the "D" shaped spacer, 1" hex bolt, and flat washer (Fig. D) install the smaller slotted bracket on the bottom mounting hole of the vertical lift (Fig. E). **Do not** over tighten, you may need to adjust this later in installation.



7. Line up the 4 threaded holes on the motor assembly with the 4 slotted holes on the large rectangular bracket. Bolt the bracket to the motor assembly using 4 of the 1/2" hex head bolts & lock washers. Ensure that bent flange with the 2 small slotted holes is pointing up toward you (Fig. F).



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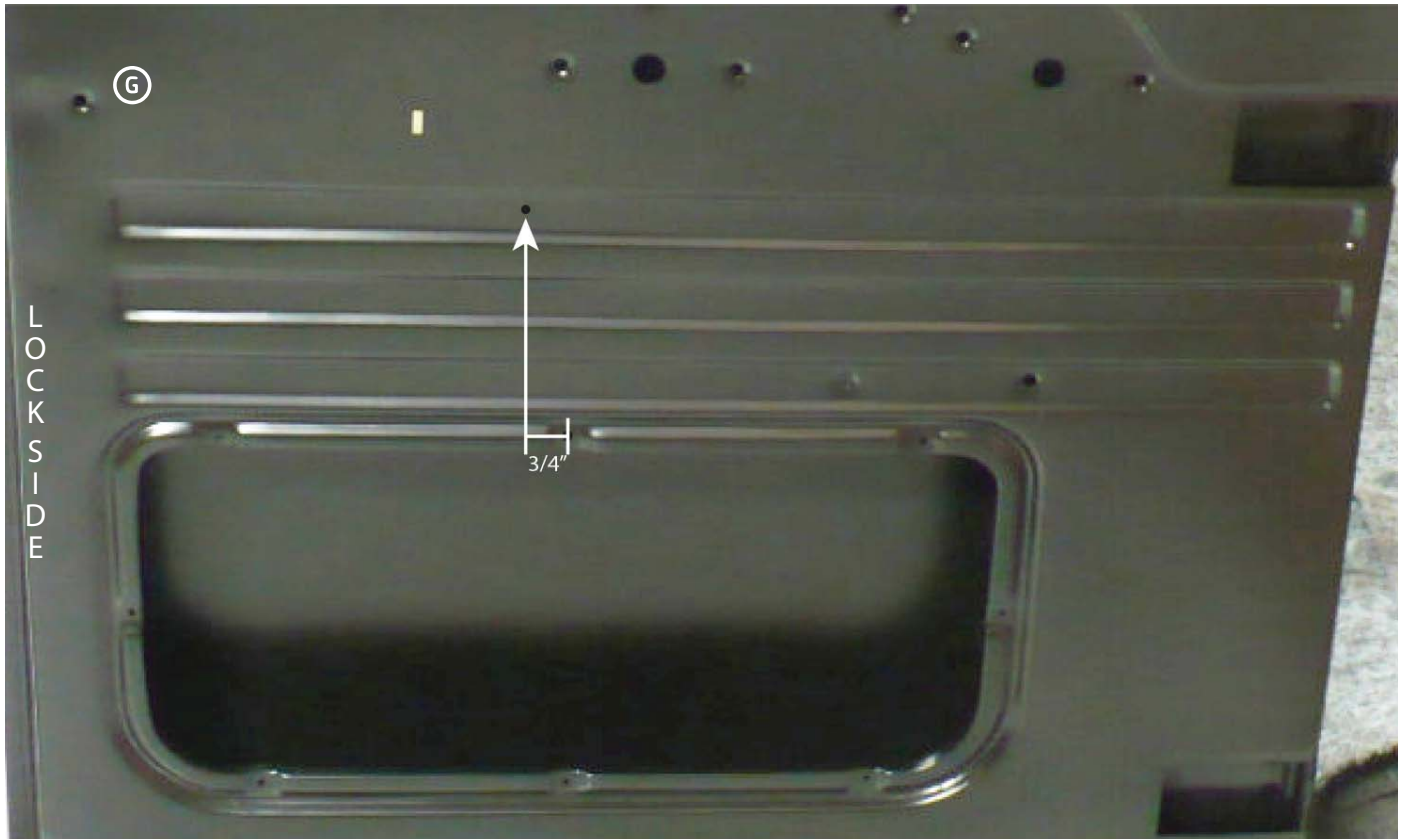
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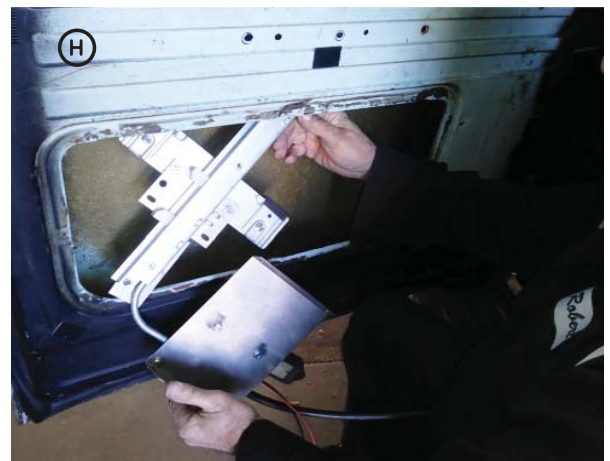
8. Locate the top center inspection plate screw hole on your door.

Measure 3/4" toward the lock side of the door then measure up in a straight line just below the top lip of the top rib & drill a 3/8" hole (Fig. F).



9. Insert the assembled motor and bracket through the inspection plate hole. Ensure the motor is toward the hinges and the large rectangular bracket's bent flanges are bent toward you. Leave it in the door. No mounting yet.(Fig. H)

10. RE-insert the square tubular bar through the inspection hole and mount it to the side inspection plate holes using the 3/4" self tapping screws. There are 2 holes on this bar that must be pointing upward when finished. (Fig. B, page 1)



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11. Mount the assembled motor & bracket to the upward facing holes on the bar 1.25" domed phillips head bolts, lock washers, flat washers and hex nuts (Fig.I). Do not over tighten, some adjustment may be necessary as you assemble.



12. Locate the hole that was drilled in step 8/Fig. G. Insert a 1" hex bolt through this hole. Slide the 1/2" long nylon spacer of the other side of the bolt (inside the door). Then thread the bolt into the vertical riser on the power window assembly.

13. Using the slotted holes in the top of the rectangular bracket, slide the motor assembly as necessary to ensure that the vertical riser is straight up.

14. Drill 1/8" holes on the marks that you made back in step 4/ Fig. C. Using 2 of the 1/2" phillips head screws, attach the bottom 2 holes on the rectangular bracket to the door.

15. Once everything is in place and properly aligned, tighten all bolts & screws.

16. Roll the window down as far as you can without letting the top edge of the glass drop below the lower door felt wipes. Slide the slotted "L" bracket, that is attached to the vertical riser, up to the bottom of the window regulator and tighten the bolt down. This will now act as a window stop.



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