Folding Door Bottom Locking Bar and Lock Gear Box Replacement

SERVICE INSTRUCTION

These instructions apply to:

Vinyl Folding Door 05/2024 - Current
Vinyl Hinged Door 05/2024 - Current

Tools Required:

- Phillips screwdriver

Note: The bottom locking bar and lock gear box are replaced together as one part. The door handles and the first four screws above the lock box must be removed to facilitate bottom locking bar and gear box replacement.

1 Bottom Locking Bar Removal:

A. Remove all the screws from the bottom locking bar **beginning at the top** and working your way down to the bottom.

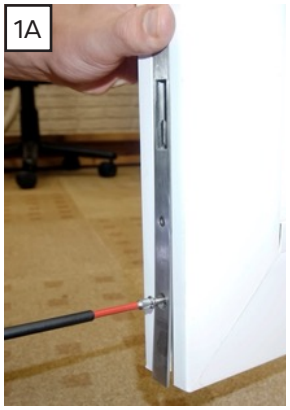




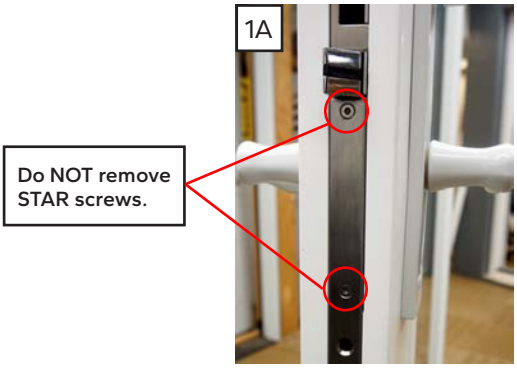








Note: Do NOT remove the star screws from the lock box.



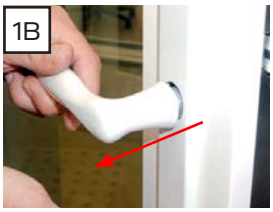
© 2026

1 Bottom Locking Bar Removal (continued):

B. Loosen the handle set screws and remove the handles. Remove the spindle.







C. Remove the two escutcheon plate attachment screws and remove the escutcheon plates.





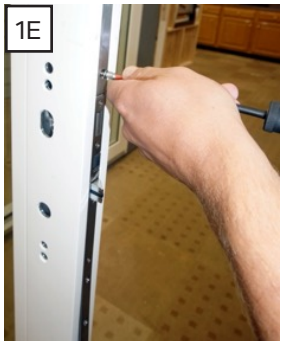


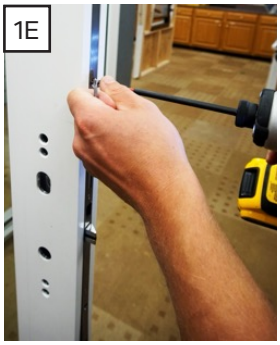


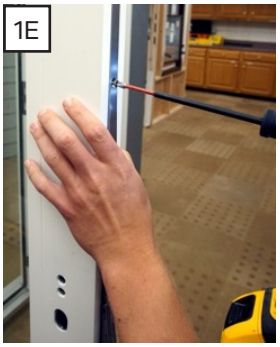
D. Remove the thumbturn tongue from the lock gear box.



E. Remove the first four screws from the top locking bar. This will make it easier to remove the lock gear box which is attached to the bottom locking bar.





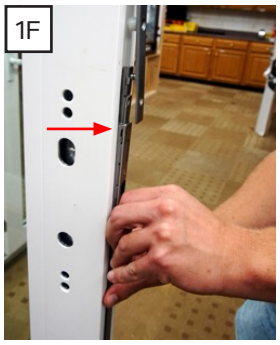


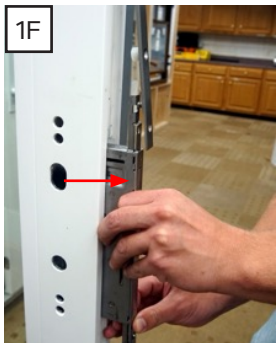


© 2026

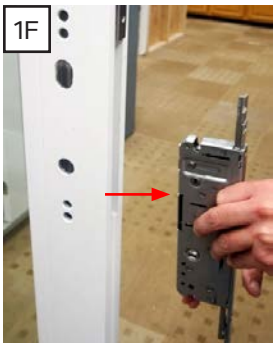
1 Bottom Locking Bar Removal (continued):

F. Remove the bottom locking bar and lock gear box.



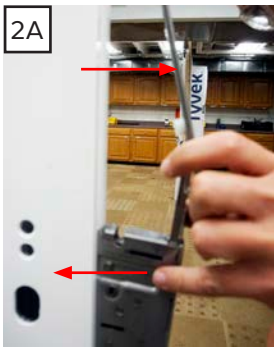






2 Bottom Locking Bar Installation:

A. Lift the top locking bar away from the panel edge to allow the gear box to be positioned into the panel edge.



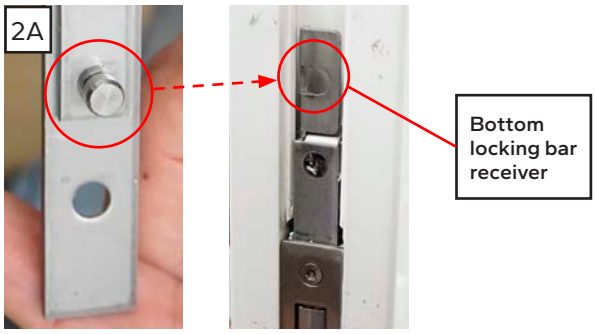






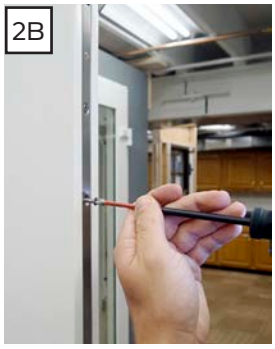
Note: Be sure to align the stud receiver in the bottom locking bar with the top locking bar stud.

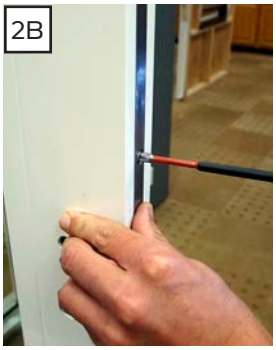
Note: The stud receiver and locking bar both need to be engaged or unengaged for them to be able to line up appropriately.



B. Insert screws into the top locking bar. (Don't tighten super tight. They should just barely make contact with the locking bar.)

Work from top to bottom.







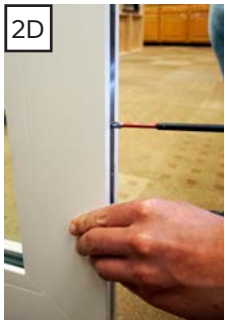
2 Bottom Locking Bar Installation (continued):

C. Insert the spindle and temporarily install at least one of the handles to test the lock as the screws are installed.



D. Insert screws into the bottom locking bar, **starting from the bottom and working up**. (Don't tighten super tight. They should kind of just barely make contact with the locking bar.)







E. After each screw is installed, test the lock by operating the handle to confirm the lock operates correctly. This will be an indicator if the screws are over-tightened or not.





F. Continue working up and insert the screws until all are installed. (Don't overtighten the screws.)





G. Remove the handle, but make sure the spindle is still in the lock mechanism.



© 2026

2 Bottom Locking Bar Installation (continued):

H. Insert the thumbturn tongue into the lock gear box as shown.





I. Position each escutcheon plate with the bushing installed in the handle hole onto each side of the panel. The plate with the thumbturn goes on the interior side of the panel.





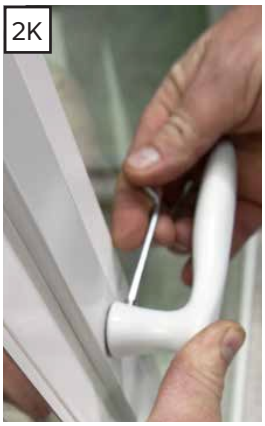
J. Insert and tighten the two attachment screws.





K. Place a handle over each spindle and install and tighten the set screw.





© 2026