KP | BUILDING PRODUCTS LTD

Window Division

REPLACING THE CRANK MECHANISM ON A CASEMENT WINDOW IS A SIMPLE OPERATION THAT THE HOME OWNER CAN PERFORM QUICKLY AND EASILY FROM WITHIN THEIR OWN HOME.

Approximate time to completethis operation: 15 Minutes
Level of difficulty to perform: EASY

Tools required: #2 Robertson (square) or #2 Phillips head screw driver small flat blade screwdriver

Step 1

Start with the removal of the screen assembly from the window. Push gently but firmly on the bottom of the screen, this will lower the top, it may now be tilted out and the screen removed.

Step 2

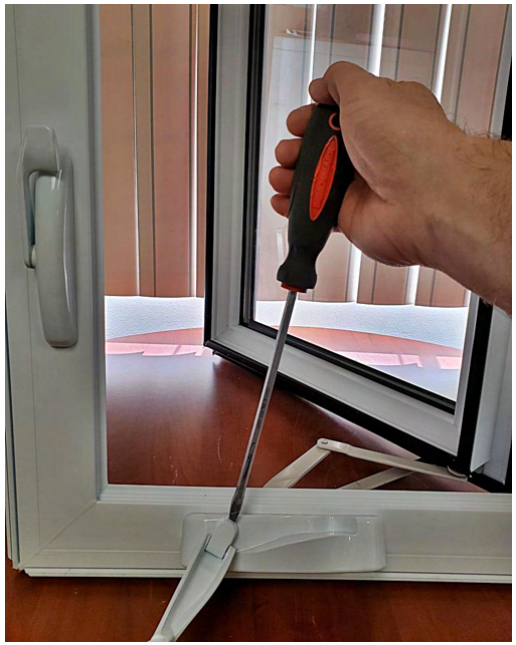
Unlock the sash (lever located on one of the 2 sides). Crank the sash open to an opening of approximately 45º to 60º. This will expose the crank mechanism that needs to be disconnected.
Using a flat blade screwdriver as shown, pry the bar down off of the attachment pin on the sash with a slight twisting motion.

Step 3

Using the crank handle, open the mechanism to expose 6 screws that will need to be removed later.

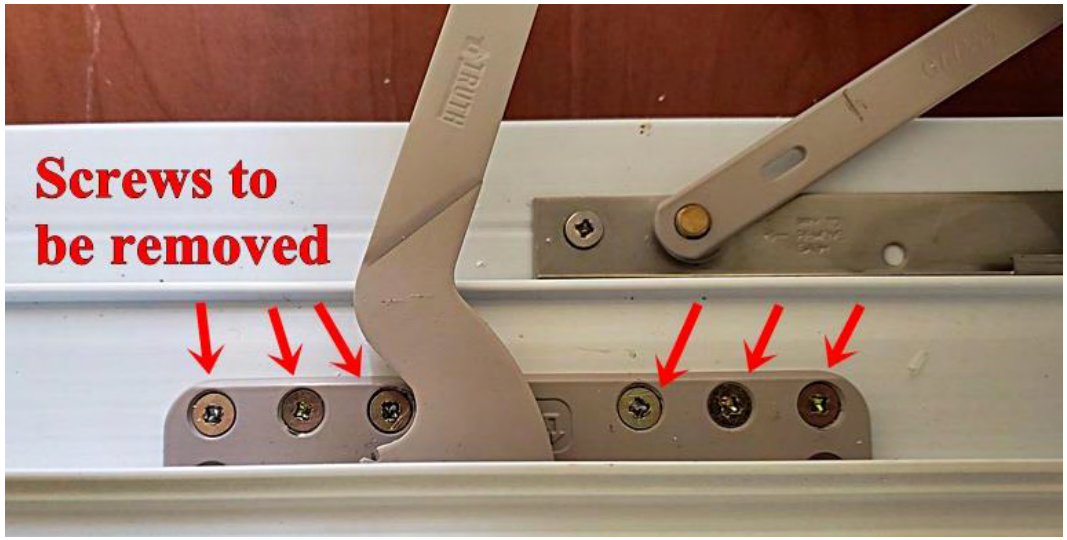
Step 4

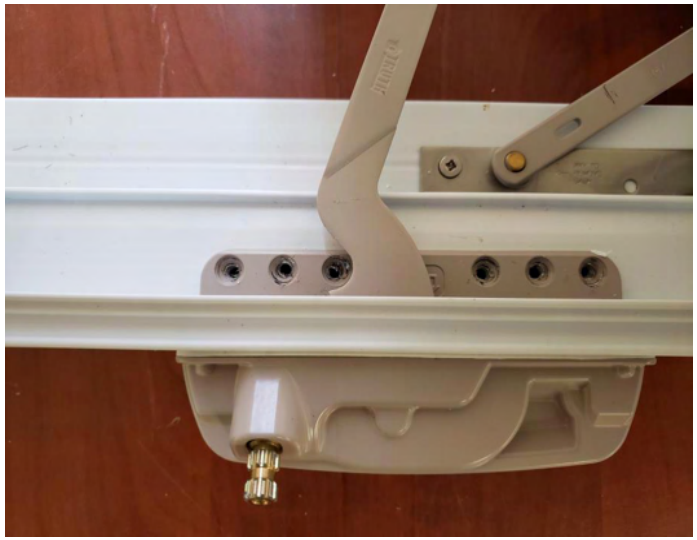
At this point remove the crank handle using a small blade screwdriver by loosening the attachment screw. Simply pull the handle off the crank shaft, this will now also allow the removal of the crank cover at this time.



Step 5

The 6 screws holding the mechanism in place may now be removed using either a #2 Robertson or #2 Phillips head screwdriver.





Step 6

The crank mechanism may now be pulled out of the frame using a few up and down motions to release it from the gasket.
NOTE: It is important to retain this gasket for the new mechanism to be properly installed without air or water leaks.

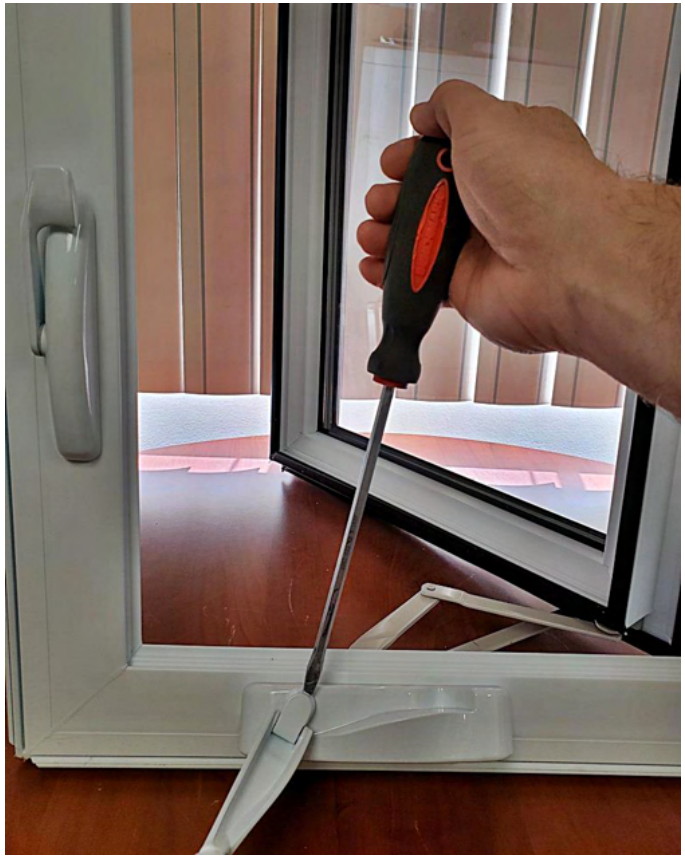
Step 7

Install the new crank mechanism by reversing steps 5 through 2.
Do not over torque the screws to avoid stripping.
When reaching step 2 position the moving arm of the mechanism so that it may be cranked back into position under the sash attachment pin. Simply pull up on the arm to allow it to "snap" back onto the sash pin.

Step 7

Please note the following detail when0
re-installing the crank handle.
With the handle on the crank shaft
(do not tighten the screw at this time) close the sash until just snug, overtightening can strip the new crank mechanism. The lock lever (handle on one of the 2 sides) when activated will pull the sash inwards to make a complete seal.

At this point in time position the crank handle that will allow it to be folded into the storage position. When this is achieved only then should the handle screw be tightened.
The replacement of your sash crank mechanism is now complete.



Step 9

Once this silicone is dry, it may be removed with the use of a sharp knife to score it along the sash frame.

NOTE: A full cure of the silicone will take place in about 1 hour at room temperature.

The sash is now ready to be installed back into the unit in the wall. You will now have completed the replacement of the sealed unit.

Enjoy the view!