SERVICE INSTRUCTION

Casement / Awning Lock Lever, Tie-Bar, and Tie-Bar Guide Replacement

Tools Required:

- #2 hand Phillips screwdriver

Supplies Needed:

- Replacement Lock Lever
- Replacement Tie-Bar
- Replacement Tie-Bar Guide

Note: Remember to work safely while doing any maintenance or repair. This includes wearing safety glasses and using safe work practices. Make sure your work area is unobstructed and clear of window coverings, etc..

Note: Starting 10/2025 – the bottom sash strike may require a 1/4" upward adjustment when replacing the lock lever. Operational testing will determine if adjustment is required.

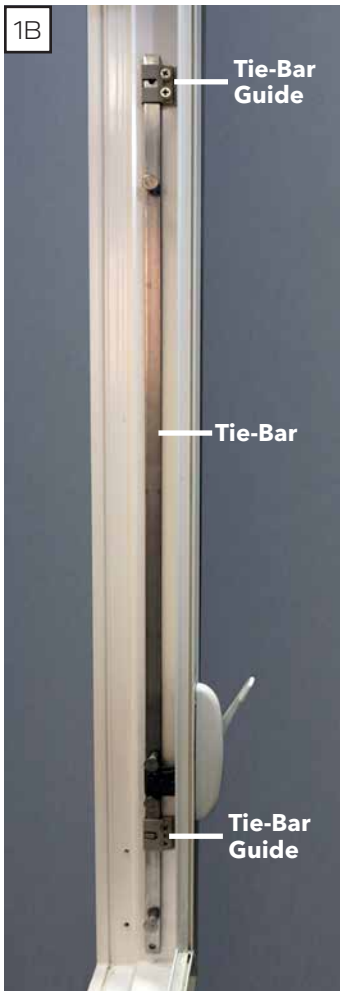
Casement process shown in the following steps, awning process is similar.

1 Tie-Bar Guide and Tie-Bar Removal:

A. Remove the screen by disengaging the screen clips and lifting out of the frame. Unlock sash and open to its fully open position.







B. Remove the tie-bar guide attachment screws.





1 Tie-Bar Guide and Tie-Bar Removal (continued):

C. Remove the tie-bar.



2 Tie-Bar Guide and Tie-Bar Attachments:

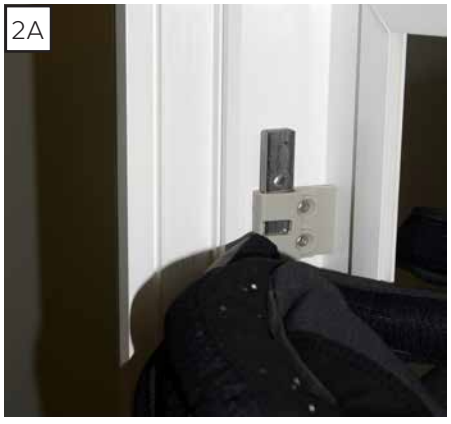
A. Align the holes in the tie-bar guides with the holes in the frame. Make sure the lock lever actuator is between the two posts on the tie-bar.

Insert and install the tie-bar attachment screws.













3 Lock Lever Replacement:

A. Remove the lock lever attachment screws and remove the lock lever.

Note: There was a running change of the lock lever in 10/2025, removal of both versions are shown below.





Pre-10/2025





10/2025-Current

B. Insert the lock lever into the slot in the frame and make sure lock lever actuator is through the back plate and then insert the actuator between the two tie-bar posts. Install and tighten the attachment screws.







Pre-10/2025







10/2025-Current

3 Lock Lever Replacement (continued):

Note: Moving the strike location may be difficult to accomplish from the interior without removing the sash. See related document – *"Casement and Awning Sash Replacement"* – in PERL.

C. Operate window; in case of strike interference with the lock bar after handle replacement, it will be necessary to move the lower strike up 1/4 of an inch. Align the strike with the mark and install the attachment screws.











Photos show strike being moved from the exterior; process is similar when sash is removed.

D. Crank window closed, fold down crank and engage lock.

Install the screen and engage the screen clips.

