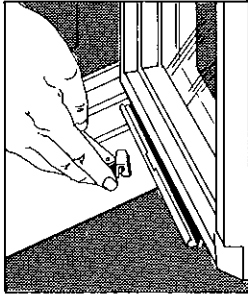
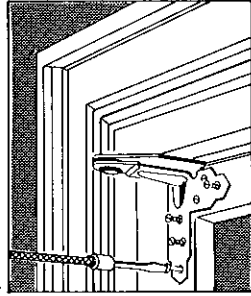


## PRIMED WOOD CASEMENT WINDOW SASH REPLACEMENT INSTRUCTIONS



1.

1. Open window and release operator arm from channel, close window and lock it.



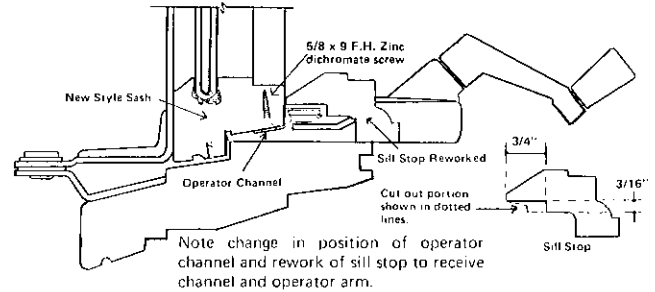
2.

2. Remove screws from exterior hinge members that are fastened to sash.

3. From the interior unlock sash and open carefully keeping a firm grip on the sash.

4. When replacing new style sash with new style operator remove bottom rail channel from old sash and install on new sash using pre-drilled holes. When installing new style sash with old style operator see step 5.

### NEW STYLE SASH WITH OLD STYLE OPERATOR

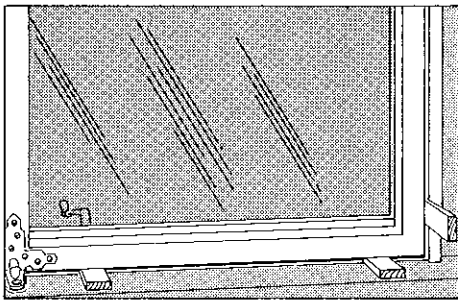


Note change in position of operator channel and rework of sill stop to receive channel and operator arm.

5. Remove channel from old style sash. Center channel on bottom rail of new style sash - note new style sash is not routed for old channel (see detail above). Drill pilot holes and secure with 5/8" No. 9 F. H. screws furnished in replacement kit.

6. Remove inside sill stop and rework as shown above.

7. Close sash locks to prevent marring sash when installing. Lift sash into opening behind partially closed hinges.

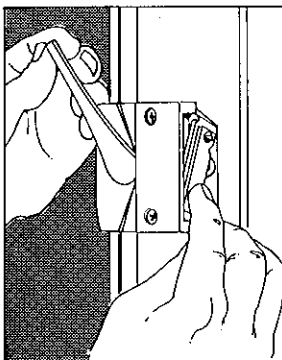
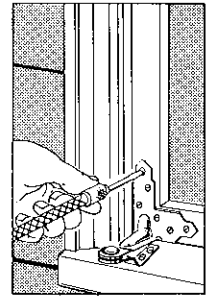


8. Close hinges against sash to hold it in position.

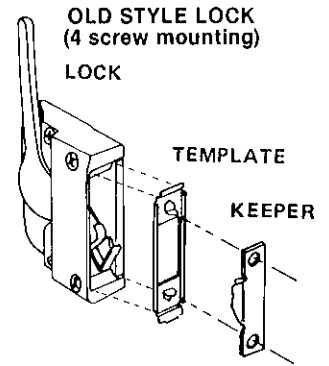
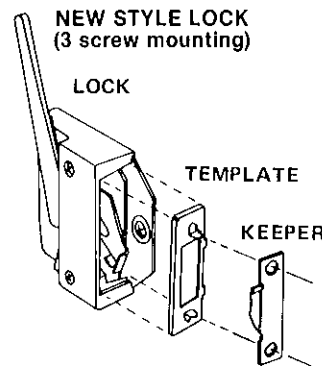
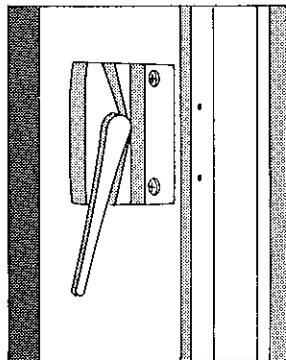
9. Using spacing shims, space the sash in the opening so that the reveal is equal around the perimeter of the sash.

10. Drill pilot holes and apply hinge screws to new sash.

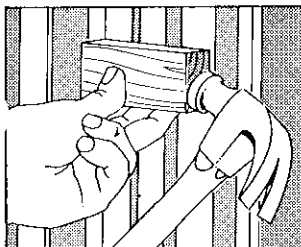
11. Open sash and attach operator arm to channel.



12. Insert perforated points of template in screw holes of keeper. Engage keeper in sash lock and lock.



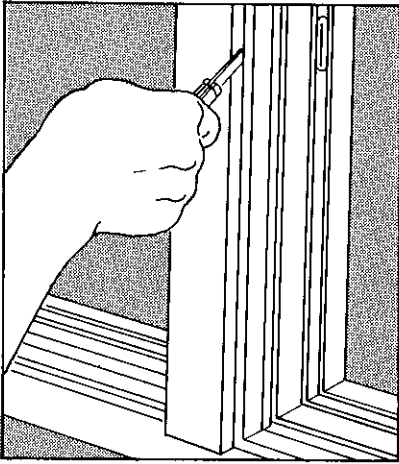
13. Use correct template with lock on unit. Close sash firmly against template. Marks made by points will indicate proper location of screws to install keeper in sash. This will locate keeper flush with outside edge of sash stile. Pilot hole drill maximum 3/32" diameter x 3/8" deep.



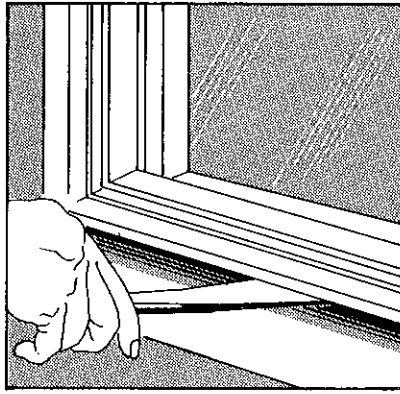
14. After keepers are installed check for proper operation. It may be necessary to relocate the inside stop if binding occurs on hinge side of sash. Inside stop is moved by first breaking paint or varnish

seal with a spatula or sharp pen knife. Next release operator arm to allow sash to open 180 degrees. With a block of wood and hammer tap inside stop inward until sash can close freely.

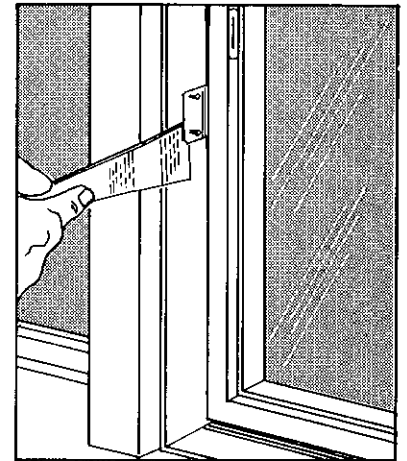
# REPLACEMENT OF STATIONARY SASH



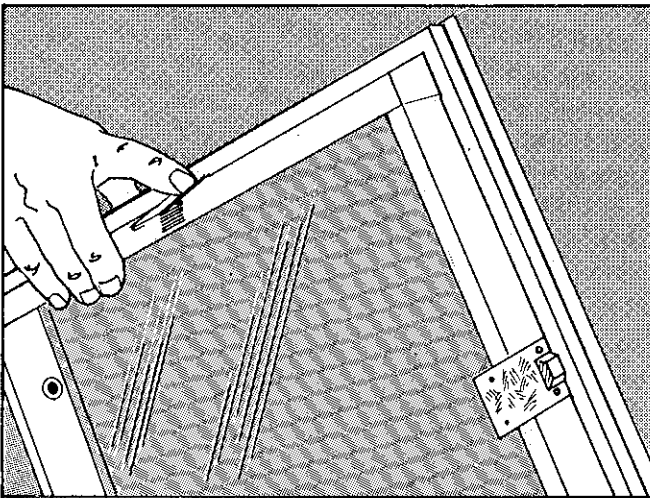
1. Carefully remove top and bottom stops by first breaking paint or varnish seal with a sharp pen knife or spatula.



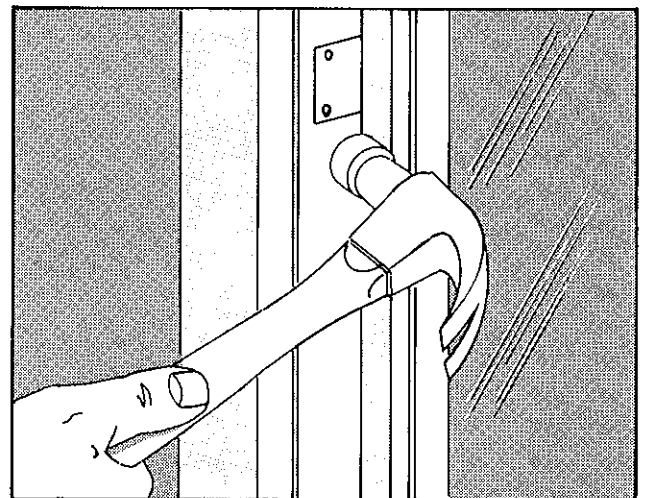
2. Pry stops loose with wide spatula, then remove being careful to prevent breakage and marring inside finish.  
3. Remove side stops using same procedure.



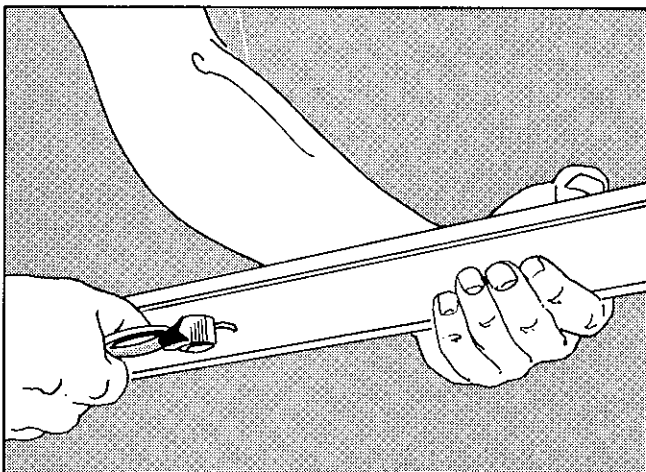
4. Loosen stationary sash clips from frame and remove sash.



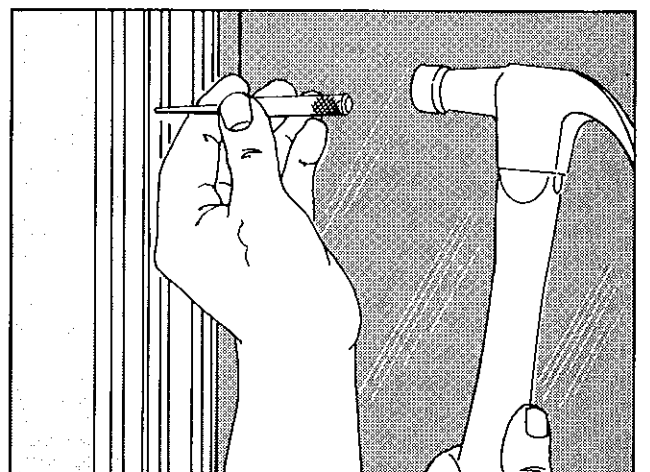
5. Attach new clips to new sash. Use flat clip on top rail. Self-spacing clips are used on sides and bottom rails.



6. Nail sash clips to frame making sure sash fits snugly against the frame.



7. Pull nails through rather than back out on removed stops. This will eliminate any chipping on face side of stops.



8. Reset inside stops starting with the sides, driving nails in the same holes at different angles.