



Casement Replacement Sash Instructions

LINCOLN WOOD PRODUCTS, INC.

READ INSTRUCTIONS COMPLETELY BEFORE SASH REPLACEMENT

For safety purposes, it is recommended that **two people** replace the sash. Read complete instructions before proceeding.

TOOLS REQUIRED

- 1- Flat head screw driver
- 1- Drill
- 1- Phillips screw driver
- 3/32" drill bit
- Tape Measure

Note: Because of the high quantities of casement windows in the field, Lincoln cannot determine the hardware in use for every replacement sash, therefore hardware is not included for this reason.

Existing sash hardware should be re-used.

SASH REMOVAL

Note: The sash you are replacing may differ slightly from drawings shown.

1. Remove screen.
2. Crank open the sash and guide the operator arm to the notch indicated by the arrow on the operator track*. This will be approximately 45°. See figure 4 for parts identification.

Release the operator arm by depressing the arm from the operator track. Crank the operator arm back to the closed position.

* Lincoln uses Dyad operators on narrow units. Dyad operators do not utilize an operator track. Skip this step if you do not have an operator track.

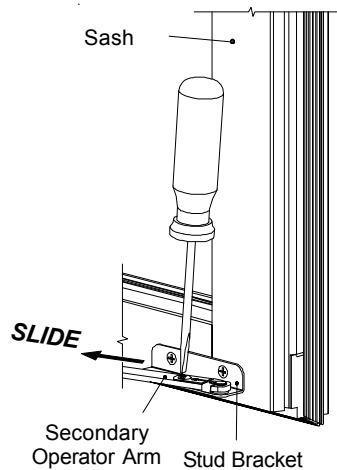


FIGURE 1

3. Release the stud clip on the secondary operator arm. See figure 1.

Lift the operator arm and crank the operator to the left or right to move the arm out of the way.

4. Units made after August of 2000 will have a screw on the head hinge track that will now need to be removed (Fig. 2).

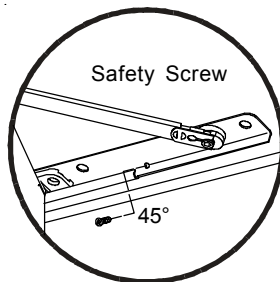


FIGURE 2

5. At this point, reposition the sash opening to approximately 30°. This will make it easier to remove the Hinge Arms.

SASH REMOVAL - CONTINUED

6. Release the bottom Hinge Arm from the Hinge Track by first disconnecting the stud clip on the Hinge Arm*. Using a flat head screwdriver, pry the bottom Hinge Arm away from the Hinge Track (Figure 3).

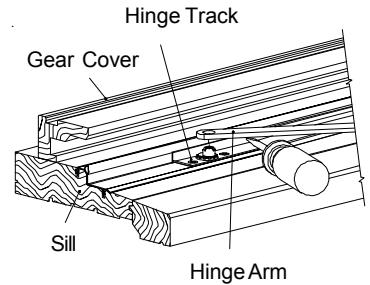


FIGURE 3

* Sash manufactured from April 1993 to August of 2000 do not utilize a stud clip. The hinge arm can be removed by simply using a flat head screwdriver and prying the arm up.

7. **CAUTION:** The sash must be held firmly in place before releasing the top Hinge Arm from the hinge track. Once the top hinge is removed, the sash will be free to fall from the frame.

Release the top Hinge Arm from the Hinge Track by first disconnecting the stud clip on the Hinge Arm.

Pull the Hinge Arm down and away from the Hinge Track to release.

8. Holding the sash firmly. Slide the sash towards the center of the frame to detach the Hinge Shoes from the Hinge Tracks. See Figure 4.

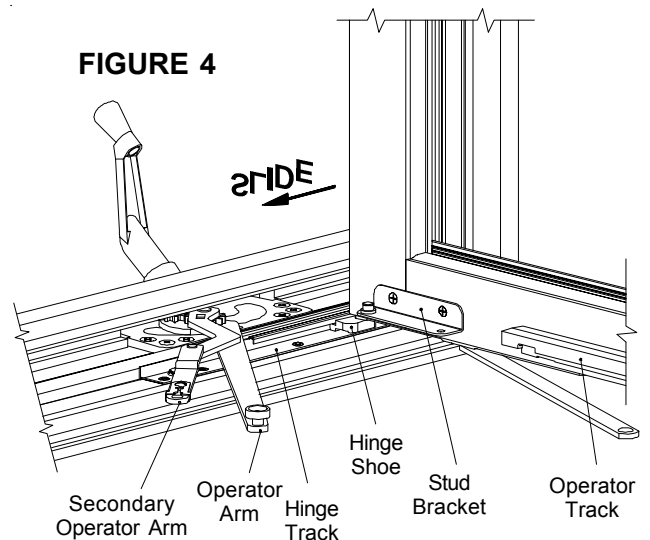


FIGURE 4

THIS COMPLETES THE REMOVAL OF SASH.

HARDWARE REMOVAL AND APPLICATION

The easiest way to position the hardware onto the new sash is to remove the hardware pieces one at a time off of the original sash and to transfer them to the new sash.

- 1) Lay both the old sash and the new sash down on a flat surface, interior side up.

Note: The bottom rail of the sash has the operator track and/or stud bracket.

- 2) Remove the Keepers from the old sash using the Phillips screwdriver.

Note: The new sash will require the Keepers placed 1/16" higher than on the old sash.

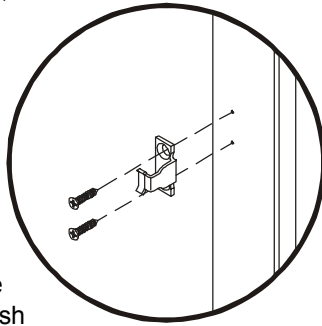


FIGURE 5

Transfer the screw hole measurements off of the old sash and place them on the new sash (**being sure to add the 1/16"**). Reference Figures 5 & 9. Use the 3/32" drill bit to make pilot holes for the screws.

When placing the Keepers, make sure they are facing the correct way on the sash. Reference Figure 8.

- 3) Remove the Operator Track and Stud Bracket, off of your old sash, with a Phillips screwdriver.

Measure the screw holes for the Operator Track and Stud Bracket off of your old sash and transfer these measurements over to your new sash. Use the 3/32" drill bit to make pilot holes for the screws on the new sash.

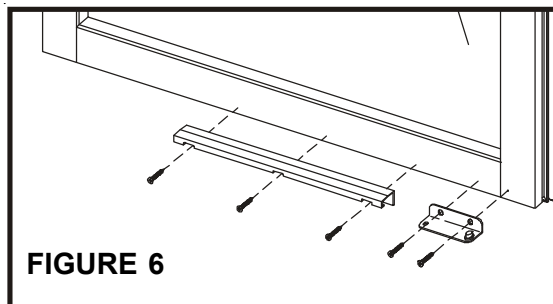


FIGURE 6

Screw in the Operator Track and Sash Bracket onto the new sash. Reference Figures 6 & 9 for placement.

- 4) Remove the Sash Hinges from the top and bottom of your old sash using the Phillips screwdriver.

Measure the screw holes for the Sash Hinges off of your old sash and transfer these measurements to the new sash. Use the 3/32" drill bit to make pilot holes for the screws on the new sash.

Screw the Sash Hinges onto the new sash. Reference Figures 7, 8 and 9 for placement.

HARDWARE REMOVAL AND APPLICATION

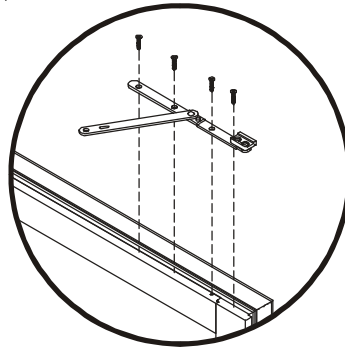


FIGURE 7
Top Sash Hinge

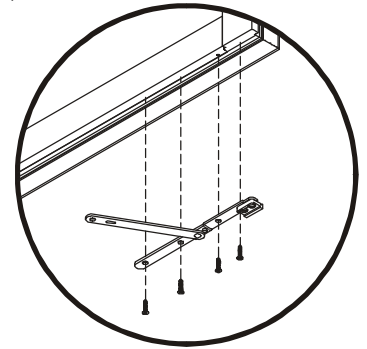


FIGURE 8
Bottom Sash Hinge

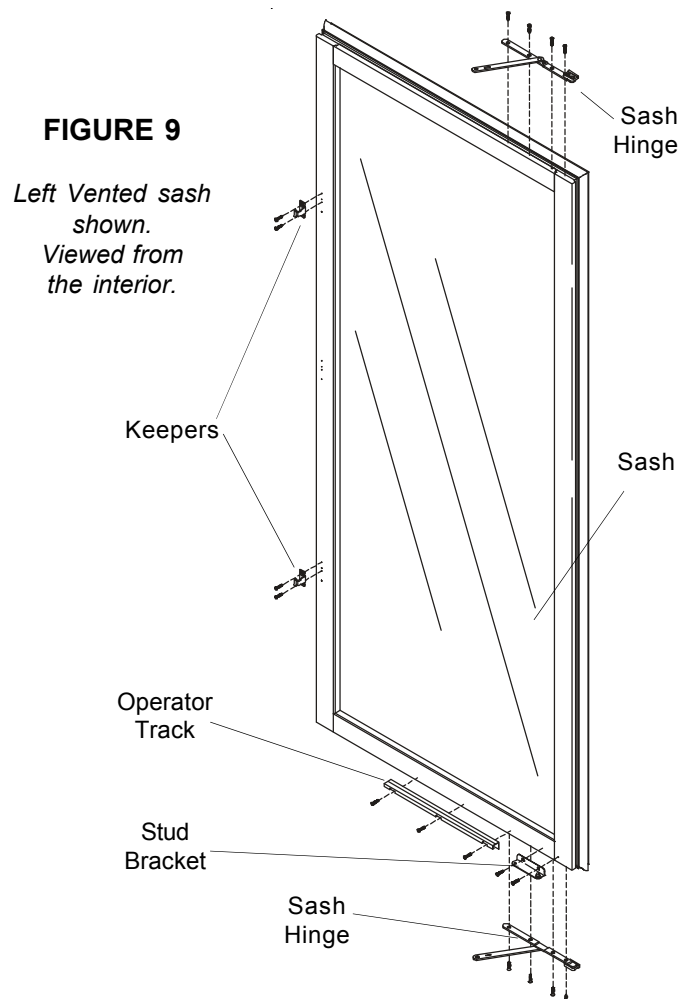


FIGURE 9

Left Vented sash shown.
Viewed from the interior.

SASH INSTALLATION

To install the new sash into frame, reverse the procedure described previously in the Sash Removal section.

If the sash needs adjustment, refer to the "Concealed casement hinge-adjustment instructions" in the Lincoln Windows technical reference manual (see your local Lincoln Dealer).

THIS COMPLETES SASH REPLACEMENT.