Double-Hung Limited Opening Hardware Kit

INSTALLATION INSTRUCTION

Tools Required:

- Drill
- 5/16" drill bit
- Tape measure
- Flat-blade screwdriver

Supplies Needed:

- 12" of strong string
- Limited opening stops (2)

LIMITED OPENING DEVICE DOES NOT MEET ASTM F2006-17 OR ASTM-2090 FALL PREVENTION STANDARDS

⚠ WARNING!

Blocks Escape in Fire and Emergency

DO NOT INSTALL limited opening device on:

- Emergency escape and rescue windows.
- Fire escape windows.
- Windows at or below 75 feet above ground level. (Unless approved by applicable building and/or fire codes).

Check building and fire codes before installing limited opening devices. Contact local building code department or fire department for specific codes.

Two people recommended for the following instruction.

1 Remove the Sash:

A. **Unlock and raise the lower sash 4" to 6"**.

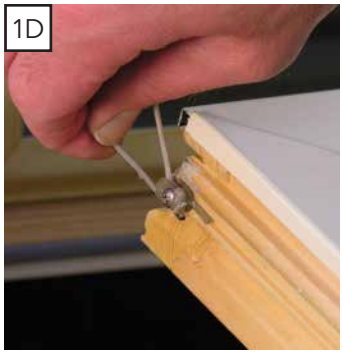
B. **Depress the jamb liner** and tilt the top of the sash to the room side.

C. **With one hand on each side of the sash** raise up one side until the terminal clears the jamb liner. Lift the sash out of the frame.


1C

CAUTION: The cord is spring-loaded, use care when removing the cord from the sash terminal.

D. **Remove the sash cord from around the terminals** on the edge of each side of the sash. When a cord is removed from the terminal, **DO NOT LET GO,** hold the cord and allow it to slowly retract into the balance. Set the sash aside.


1D

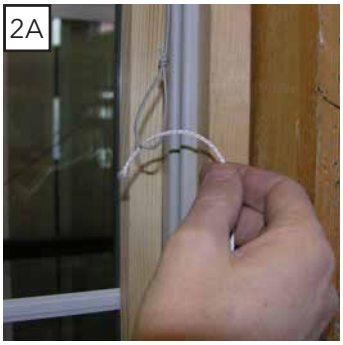
E. **Repeat Steps A-D** for the upper sash.

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GIF-000001836-2 Part Number: 80LF0101

2 Limited Opening Hardware Installation:

A. **On the Lower Sash**: Thread an approximately 12" piece of strong string through the loop on the end of the sash cord and match up the ends.





B. **Take both ends of the string** and thread it through one of the springs starting with the open coil end of the spring. While holding the string with one hand, use your other hand to push the spring over the knot until about one inch of the sash balance cord loop is projecting through the other end of the spring. Remove the string from the sash balance cord.

Repeat Steps A & B on the other side of the lower sash.





Remove the jamb liner from the frame, See Supporting Document — *Double-Hung Jamb Liner and Balance Replacement* — on product website.

If not using the metal template go to step D.

C. **If using a metal template available from manufacturer,** position the template with the back plate flush against the bottom of jamb liner and the side bushing flush against the jamb liner side as shown. Drill a 5/16" hole into the groove nearest the inside of the jamb liner as shown.

Repeat on the other jamb liner.

Proceed to step F.

Notice how the back plate is flush with bottom end of jamb liner. (View: Backside of jamb liner).





Bushing flush against the side of the jamb liner. (View: Backside of jamb liner).

2 Limited Opening Hardware Installation (continued):

D. **Place a light pencil mark on each jamb liner** 7-13/32" from the inner most part of the bottom of the jamb liner as show. Ensure the mark is directly in the center of the inner most grove of the jamb liner. Repeat on opposite jamb liner.

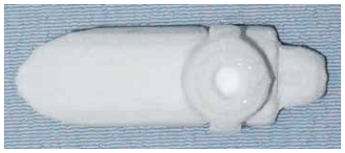


E. **Drill a 5/16" hole in each jamb liner** directly on the pencil mark from step D. Ensure the drill is positioned perpendicularly to the jamb liner grove.



F. **Use a flat-blade screwdriver** to install a limited opening stop into the hole drilled in each jamb liner in step E. Make sure the “up” arrow of the limited opening stop points towards the top of the jamb liner. Insert stops all the way into the jamb liner and ensure the limited opening fins are protruding from the back side of jamb liner as shown.







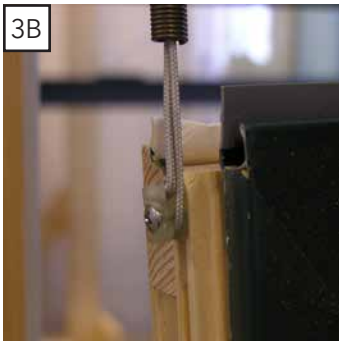


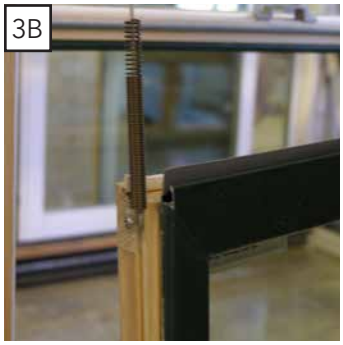
Install the jamb liner into the frame, See Supporting Document — ***Double-Hung Jamb Liner and Balance Replacement*** — on product website.

3 Install the Sash:

A. **Install the upper sash** by performing steps 1D & 1C in reverse.

B. **Re-attach the lower sash balance loop** to the terminals, making sure the cord is properly seated in the terminal. Be careful to prevent the cord from coming off the terminal and snap back into the sash balance. Push the spring down the cord until it is next to the terminal.





C. **Re-install the sash,** making sure the sash balance cord terminals and the springs attached in step 2A-2B are below the LOLT stop.





D. **Open and operate the lower sash** to make sure it is operating freely and stops against the limited opening stops with a vent opening of approximately 3-3/4". The opening must be less than 4".

E. **Remove the release paper** from the back of the limited opening warning label. Apply the label to the lower corner of the window glass without the unit identification label.

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