



Sliding Patio Door Assembly - OXXO

LINCOLN WOOD PRODUCTS, INC.

TOOLS REQUIRED: Safety Glasses, Rubber Mallet, Tape Measure, Level, Screw Driver, Drill, Phillips Head Drill Bit, 7/64" Drill Bit, Caulk, Wood Glue, Hammer and 1-1/4" Brad Nails.

Special Tips on Installation of an OXXO Door

Since an OXXO door is an extra wide door, special care must be taken to insure a proper installation. Here are some things to check:

1. Make absolutely sure the frame is square.
2. Make sure the head and sill are level. (No humps/sags)
3. Make sure the stationary panels are pushed TIGHTLY against the side jambs and sill.

After the frame and stationary panels are installed into the rough opening, you need to use the following procedures to finish the installation, install the operable panels, attach hardware and adjust for operation.

Supplied Fasteners

#6 X 5/8" Phillips Pan Head Screws
Pre-Installed in T-Rail



#8 X 3" Phillips Pan Head Screws
For Installation in T-Rail
Qty: 16 (8 Stainless, 8 Black)



#6 X 1" Phillips Flat Head
Pre-Installed in Head Stop



#8 X 3/4" Phillips Flat Head
For Installation of Exterior Astragal
Qty: 12



#8 X 3/4" Phillips Pan Head Self-Drilling
For Installation of Screen Qty: 3



PANEL INSTALLATION

1. To install the operable panels, the head stop and T-Rails, which are applied at the factory, will need to be removed first.

2. Remove the head stop by backing out the 1" Flat Head Screws and put aside (Figure 1). These will be re-installed.

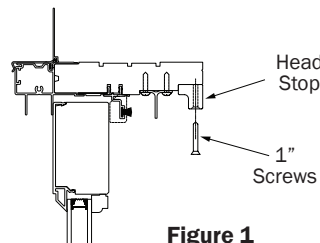


Figure 1

3. Remove T-Rails at the frame head by backing out the 5/8" screws and put aside (Figure 2). These will be re-installed later.

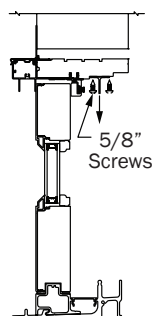


Figure 2

4. Starting with one of the operable panels, place the corresponding side's T-Rail into the U-Guide at top of panel (Figure 3).

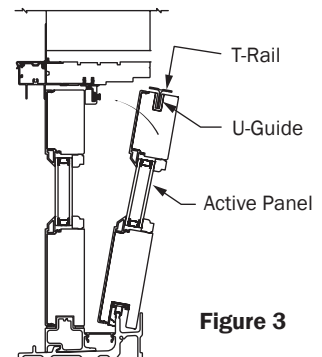


Figure 3

5. Lift the bottom of the panel with the rollers onto the roller track and tilt upright into place (Figure 3).

6. Reattach the T-Rail to the head by replacing the #6 x 5/8" screws that you set aside. Hold onto active panel until t-rail is fastened.

Note: The innermost holes (8) will require the 3" screws, step 7.

Repeat Steps 4-6 for the other operable panel.

7. Slide the operable panels left and right to reveal the t-rail and the eight (8) innermost holes. Apply the #8 x 3" pan head screws (match the screw color to the t-rail color) into these holes, securing the door frame into the rough opening wood header (Figures 4-5).

Note: Be sure to use shims between the door frame and header to prevent bowing the head jamb when the longer screws are applied.

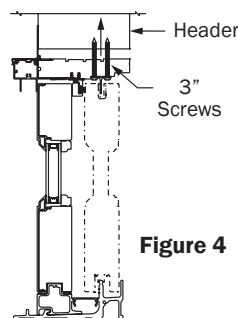


Figure 4

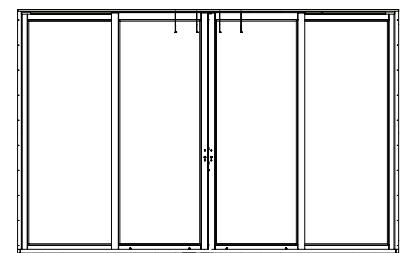


Figure 5

8. With the operable panels in place, reattach the head stop by replacing the 1" Flat Head screws that you removed in step 2 (Figure 6).

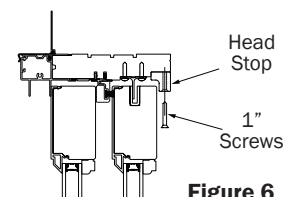


Figure 6

PANEL ADJUSTMENT

9. To adjust the panels, the rollers can be accessed using the holes on the face of the bottom rails. Each roller can be adjusted separately using a phillips head screwdriver. Turning clockwise raises the panel and counter clockwise lowers the panel. Adjust until panel glides smoothly on the track and panel is plumb and level with the head. Top of panel should be approximately 1/4" from the head (Figure 7).

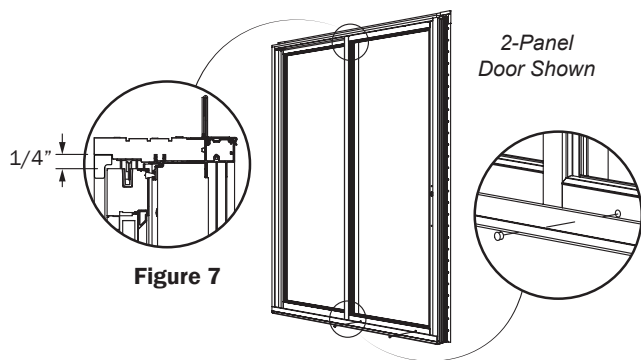


Figure 7

10. Install the provided plastic roller adjustment hole plugs when adjustment is complete.

HARDWARE INSTALLATION

11. Attach the handle set and dummy handle set to the operable panels following the provided manufacturer's instructions.

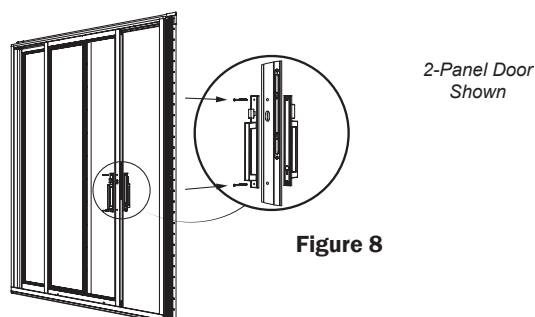


Figure 8

12. To locate the keeper position on the jamb on the panel with the dummy handle, place black locator within the latch (Figure 9) and close the active panel strong enough to dimple the side jamb (Figure 10).

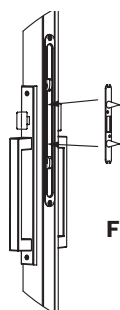


Figure 9

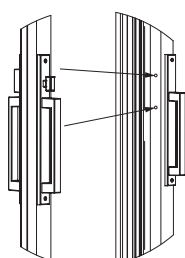


Figure 10

13. Using the dimples as a guide, install the keeper to the panel with the dummy handle using the (4) #8 x 1-1/4" pan head screws. Adjust the keeper up or down until the latch engages properly, (Figure 11).

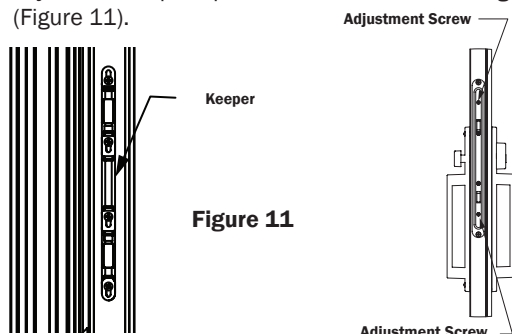


Figure 11

Figure 12

14. The screws in the lock can be adjusted (Figure 12) to make the panels lock tighter or looser. Each hook adjusts individually.

15. Attach the supplied bumpers to the bumper clips located on the head jamb on the stationary panel sides of the door. Apply by pressing the bumper up into the installed clip. Place the other bumpers over the roller track on the sill (Figure 13).

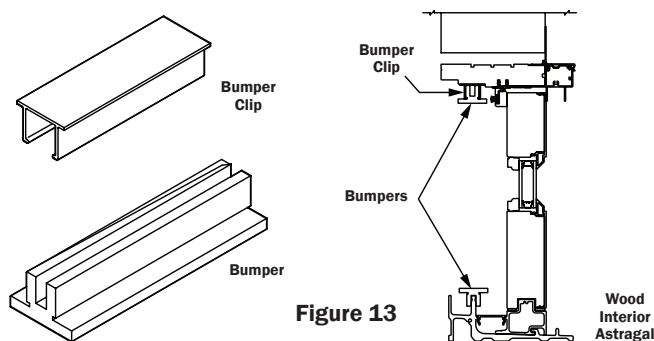


Figure 13

ASTRAGAL APPLICATION

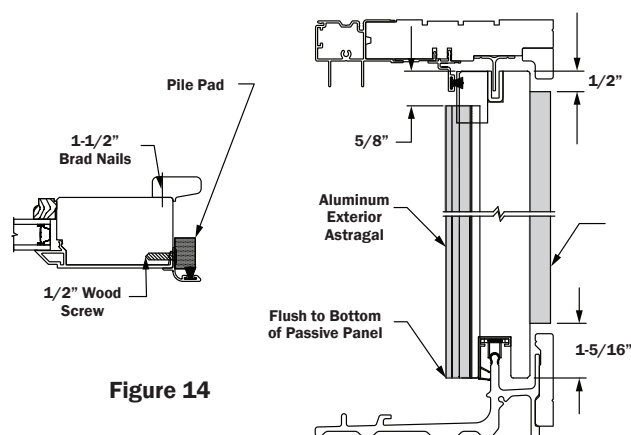


Figure 14

16. Glue wood interior astragal onto interior of passive panel 1/2" from top of panel and 1-5/16" from bottom of passive panel.
17. Attach wood interior astragal to passive panel using 18ga x 1-1/4" brad nails 8" to 10" apart.
18. Apply a bead of caulk to the back of the aluminum astragal along it's entire length and place astragal onto exterior of passive panel 5/8" from top of panel and flush to bottom of panel.
19. Attach aluminum exterior astragal to passive panel using the supplied #8 x 3/4" flat head wood screws 12" O.C. max.
20. Attach the 1/2" x 3/4" x 1-1/4" pile pad to top of passive panel.

SCREEN APPLICATION

21. Install the screens per the instructions included in the screen packet.
22. Measure the distance between the head screen channel and the screen roller track. Cut the screen astragal 1/8" shorter than this measurement (Figure 15).

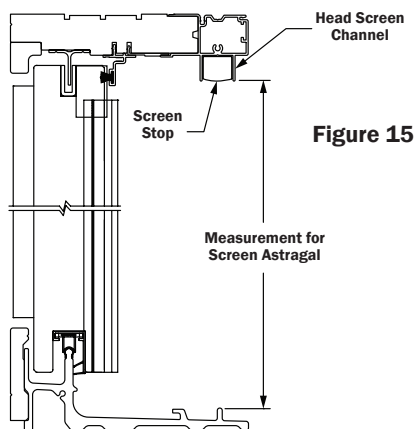


Figure 15

23. Holding the astragal in place on the edge of the screen, drill an 1/8" hole into the interior screen wall. After drilling the first hole, screw the astragal to the screen using a #8 x 3/4" pan head screw to hold it in place while drilling the rest of the holes (Figure 16).

Finish installing the remaining screws.

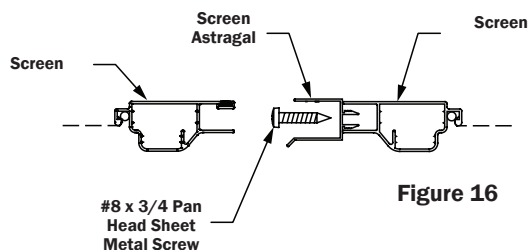


Figure 16

24. Attach screen stop in the head screen channel at the center of the door using the provided #8 x 3/4" phillips pan head self-drilling screw (Figure 17).
25. Slide screen door to its open position, with the screen handle about 1/8" away from the stationary panel. Next, install the screen stop into the head screen track tightly to the back of the screen - opposite side of the handle (Figure 17). Use the provided #8 x 3/4" phillips pan head self-drilling screw to install.

Note: OXXO or 4-Panel units need screen stops installed in the center of the unit and on both sides of the screens. When completed, there should be 3 total screen stops installed.

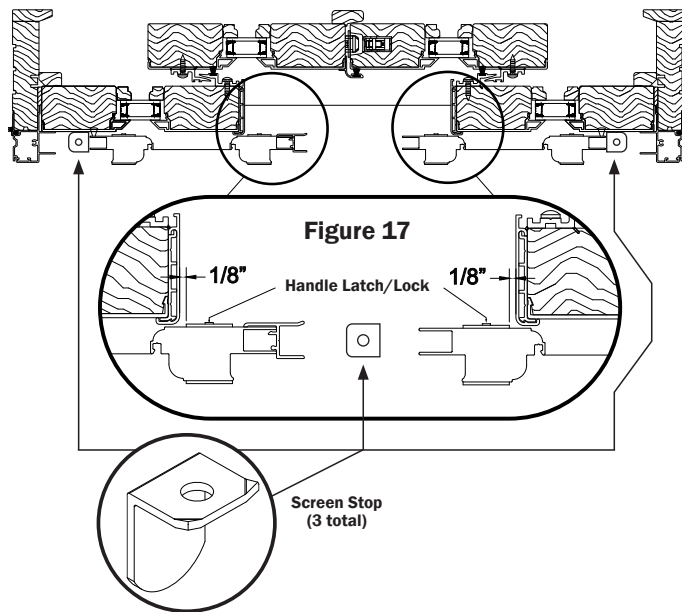


Figure 17

26. Install screen door strike per manufacturer's instructions included in the screen packet.

**THIS CONCLUDES THE ASSEMBLY FOR
A 4 PANEL DOOR**

If you have any questions or need assistance, please contact the
Warranty/Field Service Department at 1-800-967-2461

