

SLIDING PATIO DOOR 2-PANEL PANELS OUT ASSEMBLY INSTRUCTIONS

Parts List:

- Fixed Panel
- Frame Assembly
- Vent Panel
- Assembly Parts Bag(s)

Tool List:

- Powered driver with Phillips drive bit
- #2 Phillips screwdriver with 6" shaft

SEE PAGE 3 FOR SAFETY INFORMATION.

BEFORE REMOVING PREVIOUSLY INSTALLED DOOR AND BEGINNING FRAME ASSEMBLY AND INSTALLATION:

Read through and understand all the assembly steps.

Confirm all the critical parts and assembly parts as shown in images below are installed in the frame members as noted. Factory installed parts are included in frame members based on product configuration ordered (OX/XO).

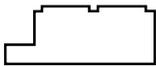
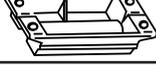
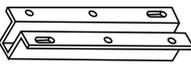
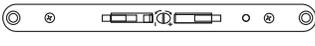
These parts are Assembly and/or Installation Critical!

If any parts are missing...



DO NOT assemble! Contact your local sales representative or customer service team.

Parts list continued on next page...

Critical Part	Qty	Reason Critical
 Frame Gasket	4–Factory installed on each end of jamb parts.	Water seal at jamb to sill and jamb to head frame corners.
 Flexible Fin	2–Located in BAG B.	Seals top of jamb to head frame corners.
 Sill Filler	1–Factory installed on fixed panel side of sill.	Required for proper fixed panel position in the frame.
 Fixed Panel Spacer	3–Factory installed in fixed jamb (LH or RH).	Required for proper fixed panel position in the frame against the fixed jamb.
 Anchor (Sill)	1–Factory installed and attached w/ screws in the sill.	Required to secure fixed panel to frame.
 Anchor (Head)	1–Factory installed loose in the head, but not attached w/ screws.	Required to secure fixed panel to frame.
 Interlocker Cover	2–Included in assembly parts bag.	Secures fixed panel to frame.
 Sill Track	1–Installed in the sill.	Required for vent panel operation.
 Lock Strike	1–Factory installed vent jamb (LH or RH).	Required for proper locking of door.
 Lock Hardware	1–Installed in the vent panel.	Required for proper locking of door.
 Handle Assembly	1–Shipped separate from door, must be installed into vent panel.	Required for proper locking of door.
 Anti-Lift Clip	2–Factory installed in the head 2–Factory installed in frame lock jamb.	Prevents unwanted vent panel removal. Allows for proper panel alignment.
 Extruded Threshold or  Laminate Threshold (Laminate Exterior Units)	1–Factory installed in the sill.	Required in sill frame for proper operation.
 Pocket Covers (Laminate Exterior Units)	2 XO or OX–1 Factory Installed in the head and 1 in the lock jamb.	Required to cover white stripe on frame.

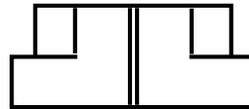
Parts and Screw Packages:

Confirm all labeled screws bags listed are present.

If any screws are missing, please obtain comparable screws from your local hardware retailer.

Screw packages may include extra screws.

Frame Gasket/Corner and Flexible Fin Corner will not be used.



Installation screw and cap package.



Note: Installation screws and caps may be in more than one bag.



IMPORTANT SAFETY AND PRODUCT INFORMATION – DOORS

CAUTION: Many doors in older homes are painted with lead-based paint. Removal of old doors may disturb this paint. Proper precautions must be taken to minimize exposure to dust and debris. Consult state or local authorities and/or go to www.epa.gov/lead for more information.

 **WARNING:** To ensure safety and security and help prevent property damage, including possible damage to your window or door, close and lock windows and doors any time they are not being used for venting on a nice day, and particularly during high winds or rain.

IMPORTANT NOTICE

Because all construction must anticipate some water infiltration, it is important that the wall system be designed and constructed to properly manage moisture. The manufacturer is not responsible for claims or damages caused by anticipated and unanticipated water infiltration; deficiencies in building design; construction and maintenance; failure to install products in accordance with the manufacturers installation instructions; or the use of products in wall systems which do not allow for proper management of moisture within the wall systems. The determination of the flashing and sealing systems are the responsibility of the Buyer or User, the architect, contractor, installer, or other construction professional and are not the responsibility of the manufacturer.

Products should not be used in barrier wall systems which do not allow for proper management of moisture within the wall systems, such as barrier Exterior Insulation and Finish Systems (EIFS) (also known as synthetic stucco) or other non-water managed systems. Except in the states of California, New Mexico, Arizona, Nevada, Utah and Colorado, the manufacturer makes no warranty of any kind on and assumes no responsibility for window and doors installed into barrier wall systems. In the states listed above, the installation of products in barrier wall systems or similar systems must be in accordance with the manufacturers installation

CARE AND MAINTENANCE

Care and maintenance information is available by contacting your local retailer or customer service representative, or by visiting the manufacturer's website.

CLEANING INSTRUCTIONS

GLASS: Remove any protective film and labels and clean the glass, using a soft, clean, grit-free cloth and mild soap or detergent. Be sure to remove all liquid by wiping dry or use a clean squeegee.

VINYL DOOR FRAMES: The vinyl frame may be cleaned using the same method as the glass. For stubborn dirt, a "non-abrasive" cleaner such as Bon-Ami® or Soft Scrub® may be used. Do not use solvents such as mineral spirits, toluene, xylene, naphtha or muriatic acid as they can dull the finish, soften the vinyl and/or cause failure of the insulated unit seal. Do not use Isopropyl Alcohol on laminated surfaces as it will damage the finish. Keep door tracks clear of dirt and debris. Keep weep holes open and clear of obstructions.

DO NOT use abrasives. DO NOT scrape or use tools that might damage the surface.

NOTICE: DO NOT use inappropriate solvents or brickwash or cleaning chemicals. If you do, permanent damage can result and the product failure, loss or damage would not be covered by the Limited Warranty.

Before Installing the Frame into the Rough Opening:

Non-Laminate Exterior Units: Remove the threshold and the sill track with bumper from the sill frame.

Laminate Exterior Units: Remove the threshold and the sill track with bumper from the sill frame. Remove the lock jamb and head pocket cover.

Threshold



Sill Track



1 Frame Installation into Rough Opening:

Install the assembled door frame into the rough opening.
Installation screws and caps are included in the Parts and Screw package.



Fixed Interlocker Panel Installation OVERVIEW:

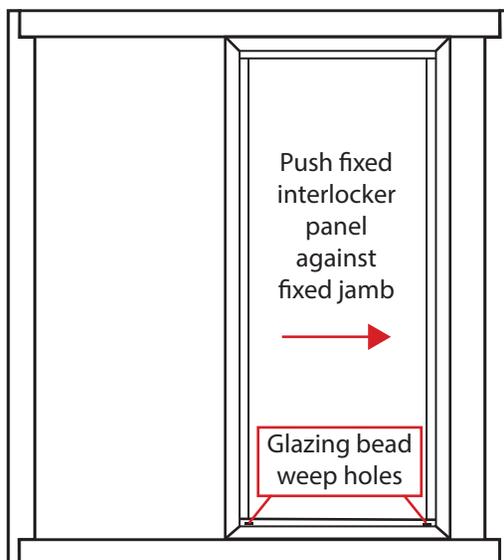
Overview only, follow process steps on the following page.



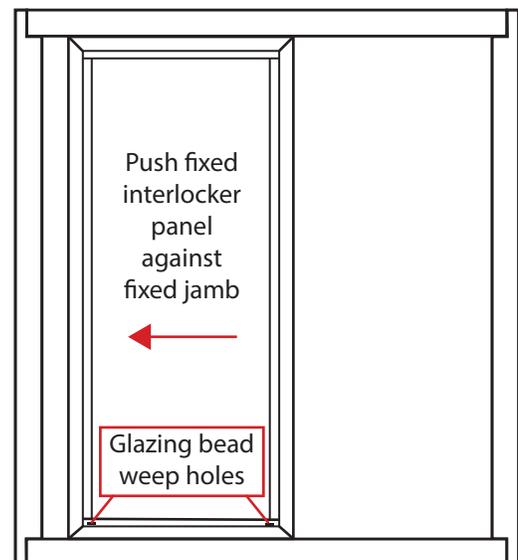
Note: The fixed interlocker panel is installed on top of the factory-installed sill filler and sill anchor. The vent panel bumper is also factory-installed.

Note: When installing the panels; make sure the exterior glazing beads with weep holes are at the bottom of the panel.

XO Exterior View



OX Exterior View



OVERVIEW / PREVIEW ONLY. OVERVIEW / PREVIEW ONLY. OVERVIEW / PREVIEW ONLY.

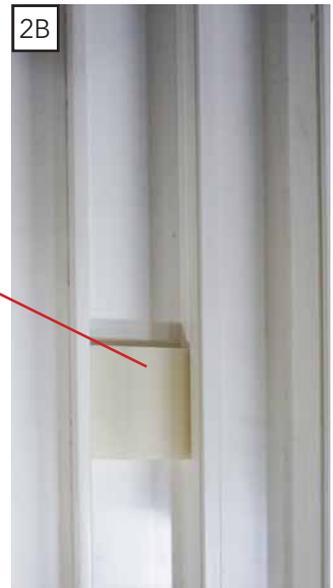
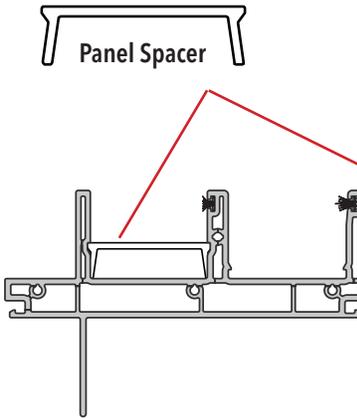
2 Fixed Interlocker Panel Installation PROCESS:

- A. Confirm the head anchor (located in the head) is slid to the vent side, so as not to interfere fixed panel installation.
- B. Confirm the panel spacers are installed in the jamb.



If the panel spacers are missing when the fixed interlocker panel is installed, the door will likely not lock.

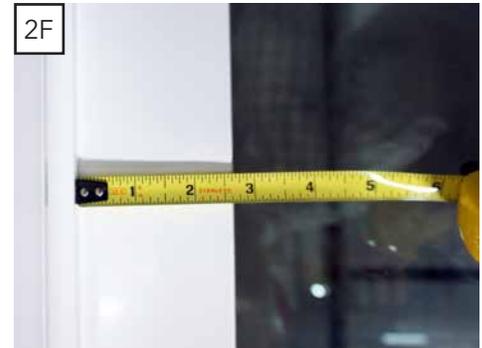
DO NOT install panel, contact your local sales representative or customer service team.



- C. From the exterior, lift the fixed interlocker panel up and insert the top of the panel into the exterior head track. Make sure the panel is positioned so the exterior glazing beads are at the bottom of the panel.
- D. Slide the bottom of the panel into a vertical position.
- E. Place the panel bottom into the exterior sill pocket.

Note: The fixed interlocker panel does NOT get installed over the sill roller track.

- F. Push the panel into position against the jamb and confirm the fixed panel is properly positioned against the jamb by measuring the exposed portion of the panel at top, middle and bottom. Measurement should be ~2-5/8". If measurement is greater than 2 3/4", pull the panel out of the jamb and re-position it into the jamb to assure it is fully seated against the panel spacers.



2 Fixed Interlocker Panel Installation PROCESS (continued):

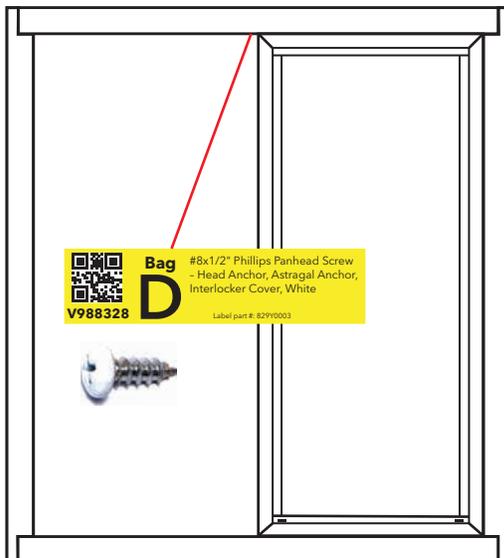

Bag D #8x1/2" Phillips Panhead Screw - Astragal Anchor, Interlocker Cover, White
V988328 Label part #: 829Y0003



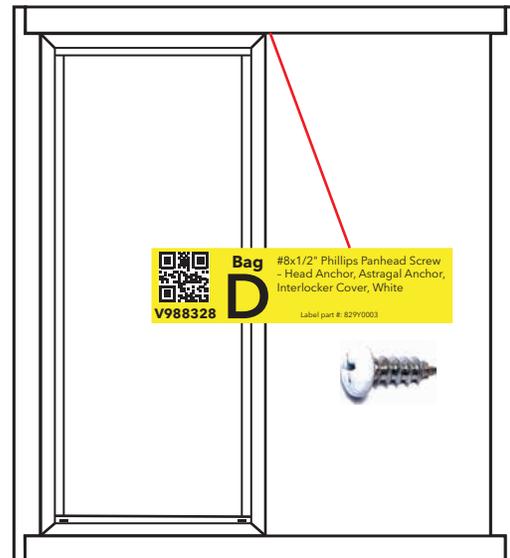
G. Slide the head anchor above the edge of the fixed interlocker panel and align the screw holes with the pre-drilled holes in the frame head. Install and tighten, by hand (Qty 2) - #8 x 1/2" painted pan head screws from Bag D.



XO Exterior View



OX Exterior View



Interlocker Cover Installation OVERVIEW:

OVERVIEW / PREVIEW ONLY. OVERVIEW / PREVIEW ONLY.

Overview only, follow process steps below.



Install the short screw first.

Be sure to install the 2-1/2" screw at an angle toward the rough opening.

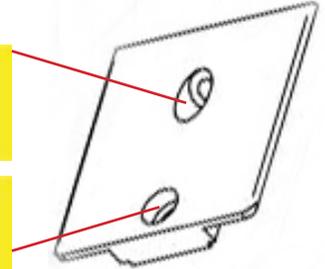


 **Bag A** #8x2" Phillips Truss Head Screw - Frame Corner and Interlocker Cover
V988327 Label part #: 829Y0002

IMPORTANT - Install short screw first!

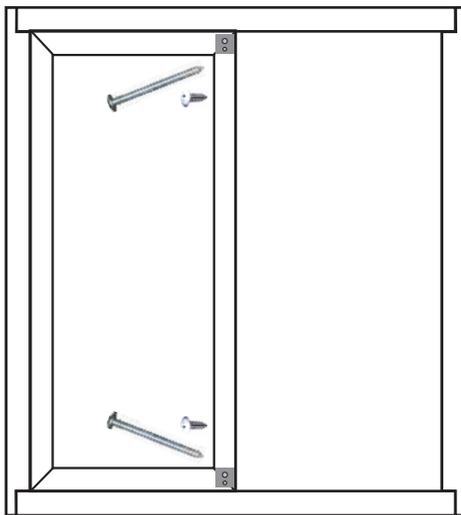


 **Bag D** #8x1/2" Phillips Panhead Screw - Astragal Anchor, Interlocker Cover, White
V988328 Label part #: 829Y0003

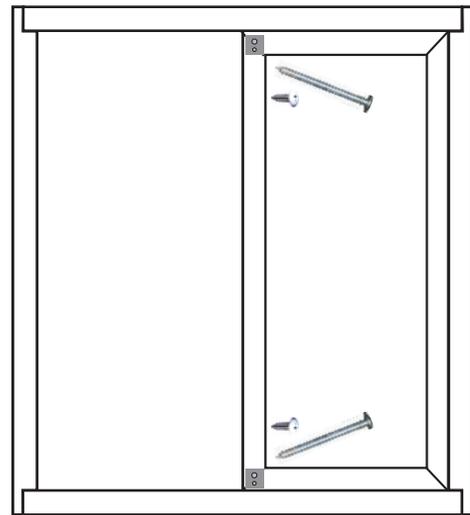


Interlocker Cover

XO Interior View



OX Interior View



3

Interlocker Cover Installation PROCESS:

- A. Position the fixed interlocker cover in the cut-out at the top edge of the fixed panel with the angle screw hole at the top.



3 Interlocker Cover Installation PROCESS (continued):

B. Insert from Bag D (Qty 1) #8 x 1/2" into the bottom screw hole. Finish tightening the screw by hand.



Bag D
#8x1/2" Phillips Panhead Screw - Astragal Anchor, Interlocker Cover, White
Label part #: 829Y0003
V988328



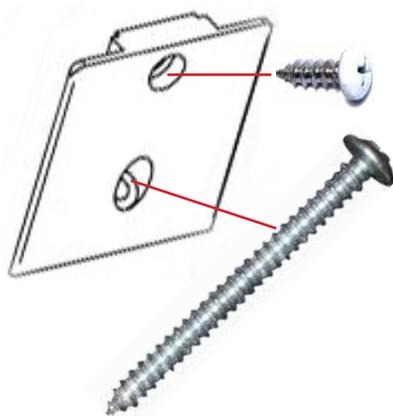
C. Complete the interlocker cover attachment by inserting the Bag A (Qty 1) 8 x 2 -1/2" screw in the top cover hole toward the rough opening and finish tightening by hand.



Bag A
#8x2" Phillips Truss Head Screw - Frame Corner and Interlocker Cover
Label part #: 829Y0002
V988327



Repeat 3A - 3C on the lower interlocker cover, flipping the cover vertically. For the lower interlocker cover, be sure to install the 1/2" screw in the top hole first and the 2 -1/2" screw in the bottom hole second.



Bag D
#8x1/2" Phillips Panhead Screw - Astragal Anchor, Interlocker Cover, White
Label part #: 829Y0003
V988328



Bag A
#8x2" Phillips Truss Head Screw - Frame Corner and Interlocker Cover
Label part #: 829Y0002
V988327



4 Threshold and Pocket Cover Installation:

A. **Non-Laminate Exterior Units:** Insert the threshold end into the sill and press down into place.



Extruded threshold shown, will be a different color on laminated units.

Laminate Exterior Units: First install sill threshold, followed by the head pocket cover and then install the lock jamb pocket covers. The notched ends of the head pocket cover and the sill threshold are installed towards the lock jamb.



Notched end

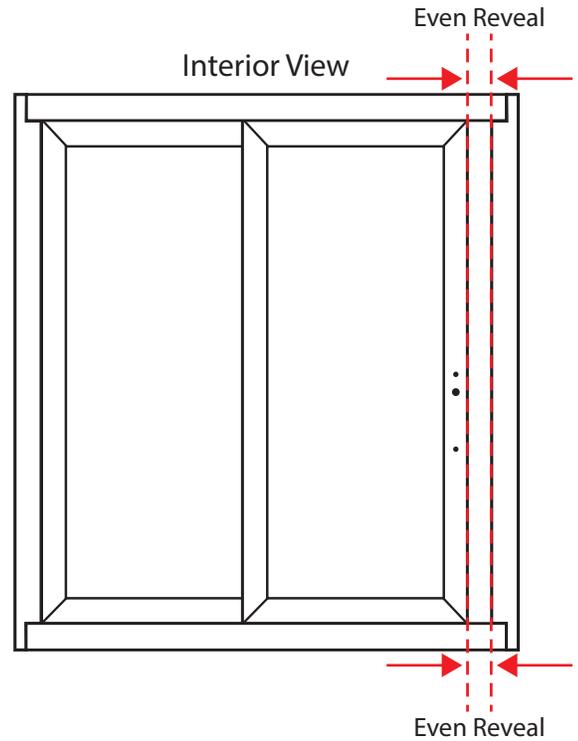
5 Vent Panel Installation:

A. **Insert the top of the vent panel** into the interior head track and slide the bottom of the panel into vertical alignment, making sure the rollers are aligned with the sill roller track.



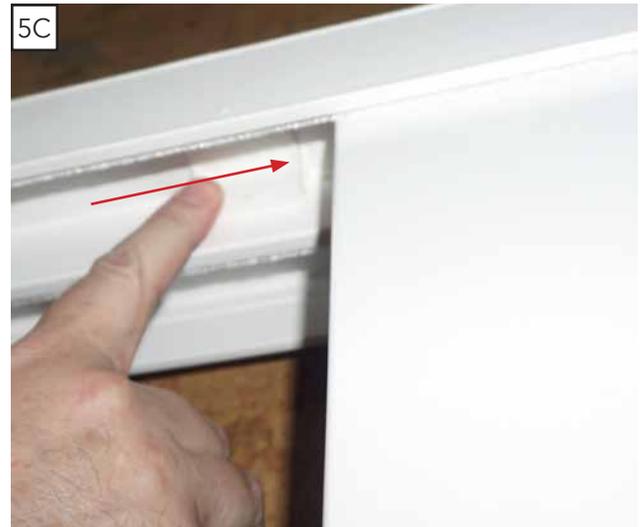
5 Vent Panel Installation (continued):

B. Use a #2 Phillips screwdriver with a 6" shaft to adjust rollers on each side of the panel to ensure smooth operation and even reveal between the panel and frame jamb along the length of the panel. Adjust rollers to raise panel far enough so it is not dragging on the sill. Turn the screwdriver to the clockwise to raise the panel and counter-clockwise to lower the panel.



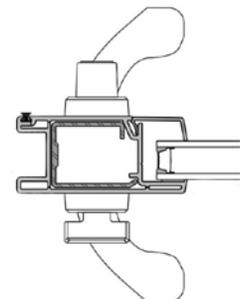
Rollers must be adjusted prior to adjusting the lock strike.

C. Slide the anti-lift clips to above the "closed" vent panel position.



6 Vent Panel Hardware Installation:

A. Use the installation instructions included with the hardware.



7 Lock Strike Adjustment:

- A. **Adjust the lock strike on the frame lock jamb**, so it aligns with the lock. Lock strike comes attached with screws in the slotted adjustment holes. Loosen these screws to adjust strike up or down to align with vent panel lock. Tighten screws when alignment is complete.



Loosen screws in the slotted holes and adjust strike to align with lock up or down as needed.

Note: the two separate photos below are positioned for alignment demonstration purposes.



- B. **After adjustment;** finish installing with Qty (4) - #8 x 2" painted pan head screws.




V988332

Bag E #8x2" Phillips Panhead Screw - Lock Strike, White
Label part #: 829Y0006

