

# Unassembled Patio Door Installation Guide

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## 3-Panel Door



[silverlinewindows.com](http://silverlinewindows.com)

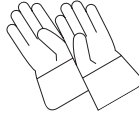
## Project Requirements:

- Failure to follow these instructions may void product warranty.
- Read guide before starting installation. Read all warnings and cautions during installation.
- Due to ongoing product changes, updated test results and/or new industry best practices, this installation procedure may change over time. Visit the manufacturer's website for current installation instructions.
- Instructions are for typical wood frame wall construction.
- Check with your local building code official to identify and confirm compliance with local building code requirements.
- Depending on options purchased, this patio door was manufactured for installation into either a new or existing patio door opening.
- Wall and sill must be structurally sound and weather-resistant barrier must be adequate.
- Door must be installed to be plumb, level and square.
- Door should be approximately 1/2" less in both width and height than the opening.
- Contact local authorities or waste management companies for proper recycling and/or disposal of removed window or patio door.
- Visit the manufacturer's website for removal instructions, additional installation information and/or guides.

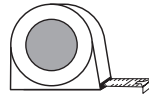
## Tools & materials required:



Safety glasses



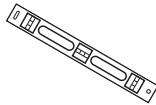
Work gloves



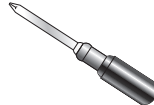
Tape measure



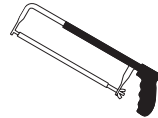
Framer's square



6' level



Phillips  
screwdriver



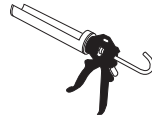
Hack saw



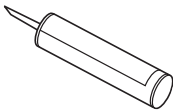
Low expanding  
foam



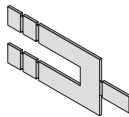
Power driver  
and bits



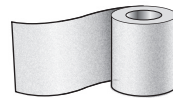
Caulk gun



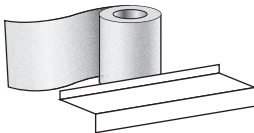
Interior and exterior  
window/door grade sealant



Shims



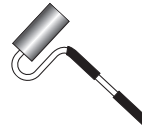
Self-adhesive  
flexible flashing  
(Minimum 6" wide depending upon  
installation)



Formable self  
adhering sill flashing  
(Minimum 6" wide)  
or Sill pan recommended



Removable tape



J-roller

### Warnings and Cautions:

#### **⚠ WARNING**

Use caution when working at elevated heights and around unit openings. Follow manufacturers' instructions for ladders and/or scaffolding. Failure to do so may result in injury or death.

#### **⚠ WARNING**

Follow manufacturers' instructions for hand or power tools. Always wear safety glasses. Failure to do so may result in injury and/or product damage.

#### **⚠ WARNING**

Windows and doors can be heavy. Use safe lifting techniques and a reasonable number of people to move and install window and door products to avoid injury or product damage.

#### **⚠ WARNING**

Sill weep doors are small parts and, if swallowed, could pose a choking hazard to young children.

#### **⚠ WARNING**

Support door in opening while shimmiing. Failure to do so may result in injury and/or product/property damage.

#### **⚠ WARNING**

Before, during, and after installation, place all tools as well as any casing or door parts on a drop cloth or in a location that will not pose a hazard to installers, customers, or property.

#### **⚠ WARNING**

Unless specifically ordered, windows do not have safety glass, and if broken, could cause injury. Many laws and building codes require safety glass in locations adjacent to or near doors. Windows may be available with safety glass that may reduce the likelihood of injury if broken. Information on safety glass is available from your sales representative.

#### **⚠ WARNING**

Contains small parts. If swallowed could pose a choking hazard to young children. Remove and dispose of any loose or easily removed parts.

#### **CAUTION**

The use of movable insulating materials such as door coverings, shutters, and other shading devices may damage glass and/or vinyl.

#### **CAUTION**

Follow instructions of foam, sealant and flashing manufacturer regarding material application and compatibility with this product.

#### **CAUTION**

Do not overdrive screws or nails. Product damage may result.

#### **CAUTION**

Do not cover weep holes. Property damage may result.

## Warnings and Cautions:

### CAUTION

When insulating between unit frame and rough opening or between units when joining, **DO NOT** overpack batt insulation or overfill with foam. Bowed jambs will result affecting product performance and/or proper operation of unit.

### CAUTION

Do not apply any type of film to glass. Thermal stress conditions resulting in glass damage could occur.

### CAUTION

Do not overfill with low expanding foam or overpack with backer rod to avoid bowed jambs.

### CAUTION

Do not drill into or through the sill of the door or product and/or property damage may occur.

### CAUTION

Weep holes must face the exterior and must be located at the bottom of the door or product and/or property damage may occur.

### CAUTION

Remove or cut ventilation holes in plastic shipping wrap if door is not installed immediately or product damage may occur.

### CAUTION

Use masonry screw when fastening directly into masonry or through a buck into masonry.

### CAUTION

Do not store doors flat or in the sun or product damage may occur.

### NOTICE

Important safety information. Leave this information for the building occupant.

### NOTICE

Buildings constructed prior to 1978 may contain lead paint which could be disturbed during replacement. For more information on proper management of lead paint, visit [www.epa.gov/lead](http://www.epa.gov/lead)

Fasteners:

 **WARNING**

Metal fasteners and components may corrode when exposed to preservative-treated and/or fire-retardant treated lumber. Use approved fasteners and components to fasten unit. Failure to do so may cause a failure resulting in injury, property or product damage.

Florida Building Code Approved Fastener Chart

Application	Anchor Type	Anchor Size	Minimum Embedment	Minimum Clearance to Masonry Edge	Minimum Clearance to Adjacent Anchor
1X Buck or Masonry Frame	ITW	1/4"	1-1/4"	2-1/2"	3"
1X Buck or Masonry Frame	ELCO	1/4"	1-1/4"	1"	4"
2X Buck	Wood Screw	#8	1-1/4"	NA	NA

This fastener schedule is provided as an example of fastening requirements. Requirements may vary by product, building type, application and region. Contact your local building code official for requirements in your area.

## Finishing, Cleaning and Maintenance Instructions:

### CAUTION

Do not stain or paint weatherstrip, vinyl, glass or hardware. Product damage may occur.

- **Read and follow finishing product instructions and warnings on finish material.**

### CAUTION

Acid solutions used for cleaning masonry or concrete will damage glass, fasteners, hardware, vinyl and metal flashing.

Protect unit and follow cleaning product instructions carefully. If acid contacts unit, wash all surfaces with water immediately.

### CAUTION

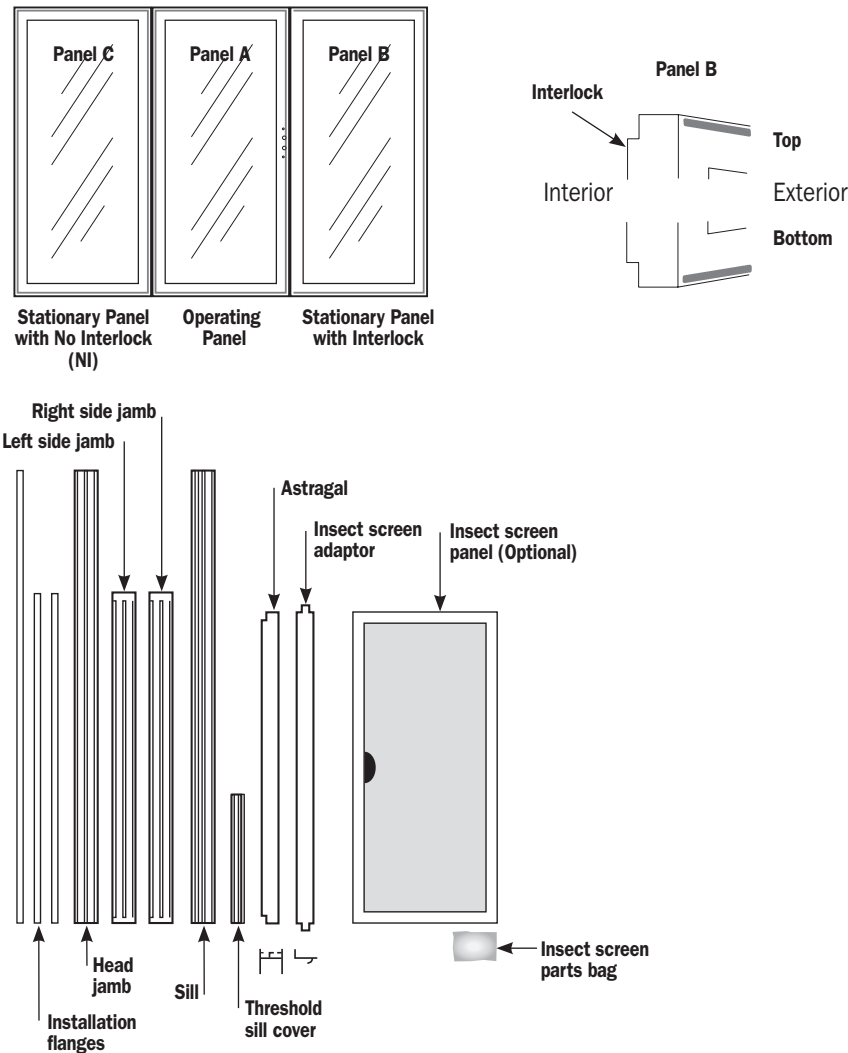
Abrasive cleaners will damage glass and vinyl surfaces.

- **Clean glass using liquid glass cleaner.**
- *Clean exterior frame, sash/panels, and insect screens using mild detergent and water with a soft cloth or brush.*
- *For hard to clean areas use a nonabrasive cleaner, alcohol-and-water or ammonia-and-water.*
- *Do not apply any type of film to insulating glass. Thermal stress and glass damage can result. Shading devices (insulated coverings, shutters, etc.) may also cause thermal stress damage.*
- *For continued weather resistance of sealant joints, follow the sealant manufacturer's recommendations for periodic maintenance.*

Step 1

Inspect new patio door and verify opening.

Inspect for proper size and condition and verify that all parts are included. Inspect existing wall and rough opening for structural decay. Repair as needed.





## Hardware bags

Depending on individual installation requirements, some parts may not be used.



### Yellow bag:

- (12) #8 x 2" flat head screws
- (2) installation flange
- corner gaskets



### Blue bag:

- (20) #10 x 2" pan head screws



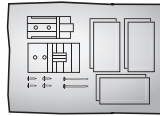
### Clear bag:

#### Handle set:

- (1) interior handle
- (1) exterior handle
- (1) turn lever
- (2) 2" pan head screws

#### Keeper installation kit:

- (1) jamb keeper
- (2) 2-1/2" pan head screws
- (2) 1/2" truss head screws



### Red bag:

- (1) head stationary panel locator
- (2) #8 x 2" truss head stainless steel screws
- (2) #8 x 5/8" pan head screws
- (1) sill stationary panel locator
- (2) #8 x 5/8" truss head stainless steel screws
- (6) stationary panel jamb stops



### Green bag:

- (2) stationary panel clips
- (2) #8 x 5/8" pan head truss stainless steel screws
- (4) #8 x 5/8" pan head screws



### Gray bag:

- (1) 3-1/2" panel bumper
- (1) threshold filler
- (2) jamb punch covers
- (14) #8 x 3/4" pan head stainless steel screws
- (2) astragal seal (large)
- (2) astragal seal (small)
- (1) astragal keeper
- (2) #8 x 1/4" pan head machine screw
- (2) #8 cap nut

### Step 2

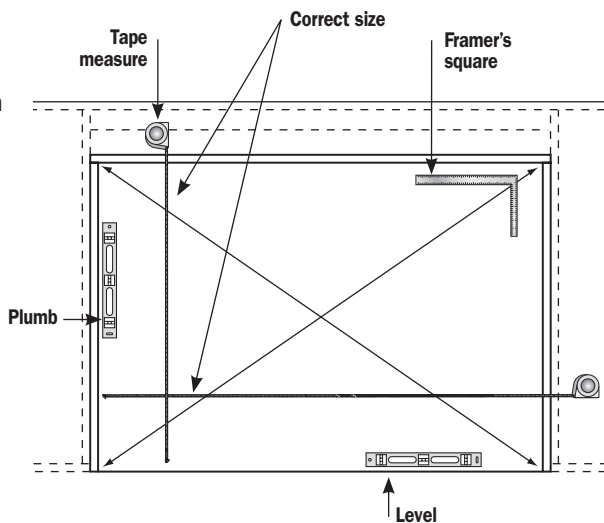
#### Prepare rough opening.

Inspect opening for correct size. Opening should be  $\frac{1}{2}$ " larger than door size in width and height.

Check sill plate for level. Sill **must** be level. If sill is not level, correct before continuing.

Check rough opening for plumb and level. If rough opening is **not** plumb or level, correct as necessary.

Check opening for square by measuring diagonally, upper left to lower right and upper right to lower left corner. Measurements must be within  $\frac{1}{8}$ ". If rough opening is **not** square, correct as necessary.



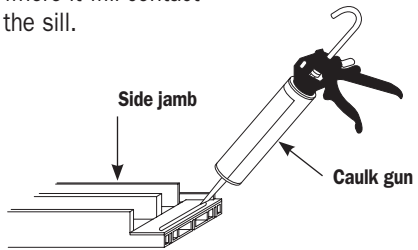
If using installation flange, continue with Step 3 Installation Flange.  
If installation flange will not be used, proceed to Step 16 No Installation Flange.

## Step 3 Installation Flange

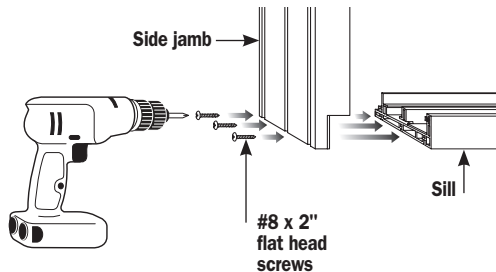
### Apply sealant and fasten side jambs to sill and head jamb. (Uses yellow hardware bag)

Make sure the tracks line up at all four (4) corners before starting installation.

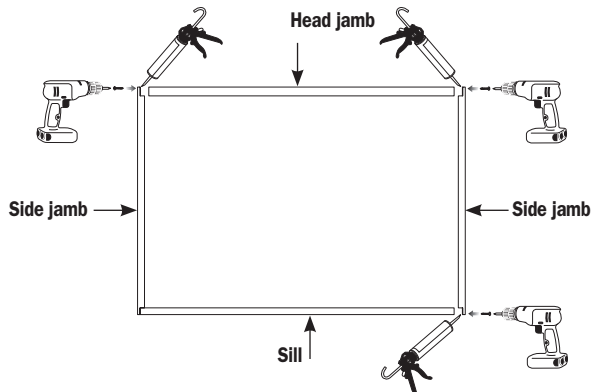
- 1 Apply sealant over foam gasket on side jamb where it will contact the sill.



- 2 Fasten side jamb to sill with three (3) #8 x 2" flat head screws in each location using pre-drilled holes.



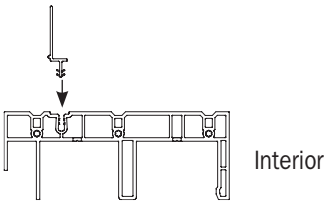
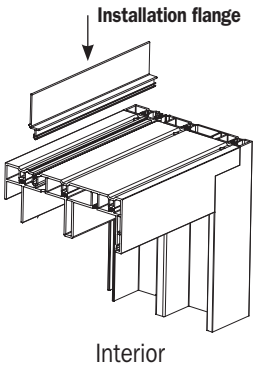
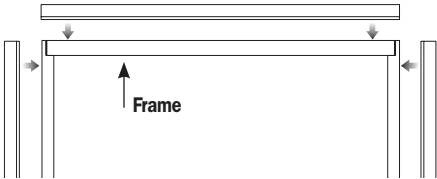
- 3 Repeat in other three corners.



Step 4  
Installation Flange

**Apply installation flanges.**

Place attachable installation flanges into the accessory grooves on both side jams and on the head jamb. Make sure installation flange is positioned toward the exterior of the building.

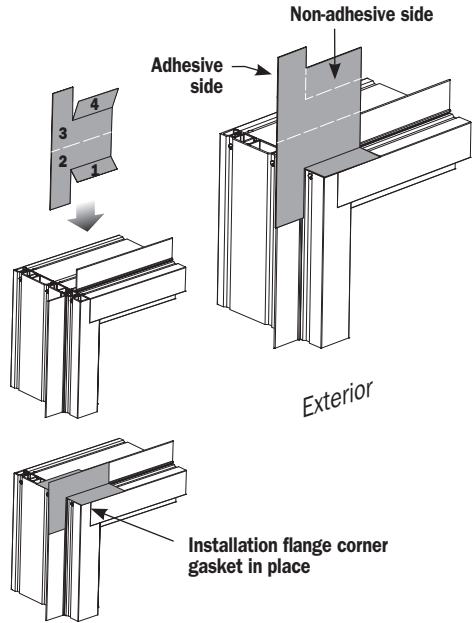
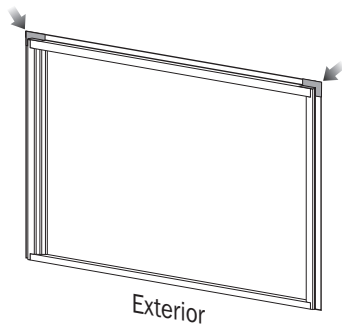


## Step 5 Installation Flange

### Apply installation flange corner gaskets. (Uses yellow hardware bag)

Remove adhesive backing from one installation flange corner gasket. Position the installation flange corner gasket onto the installation flange. Fold section 1 upwards, then align corner gasket with front and side edges of the door frame and apply sections 1 and 2 simultaneously. Fold section 4 upwards, then fold section 3 over installation flange and apply sections 3 and 4 simultaneously to the door frame.

Repeat process for other corner.



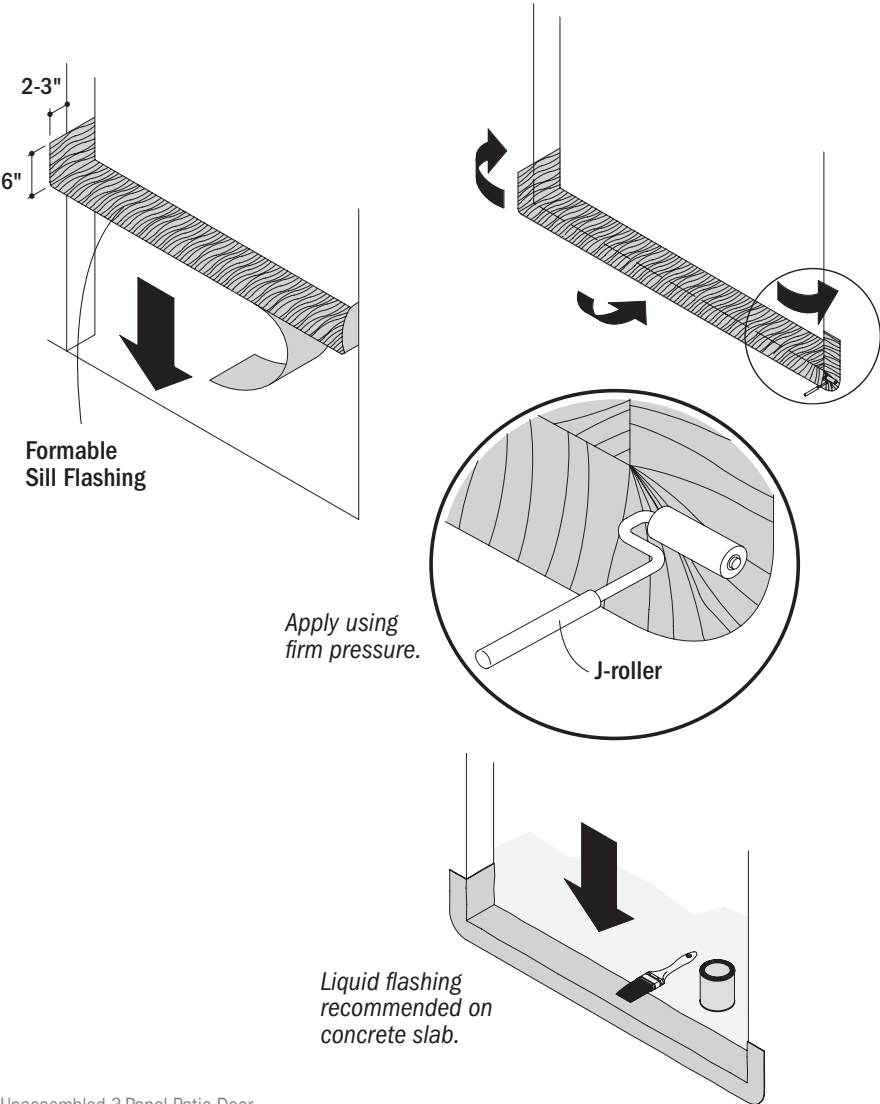
Step 6  
Installation Flange

Apply formable sill  
flashing.

Apply formable sill flashing.

CAUTION

Apply formable flashing. Make sure there are no wrinkles or voids. Failure to do so could result in product or property damage.

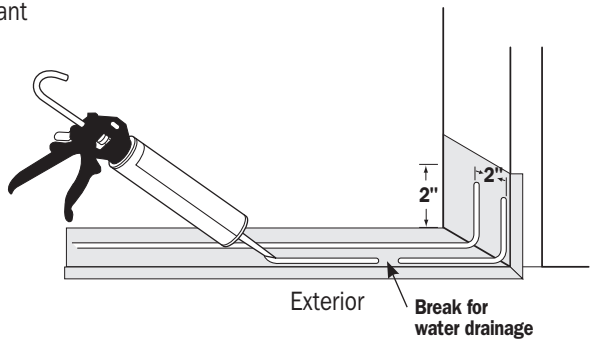


## Step 7 Installation Flange

### Apply sealant to opening.

Apply two (2) 1/4" beads of exterior window/door grade sealant to sill and 2" up each side of rough opening. The exterior sealant bead should be at the exterior edge of the opening. The beads of sealant should be 2" apart.

NOTE: Leave two (2) small breaks in exterior sealant bead only to allow for water drainage.

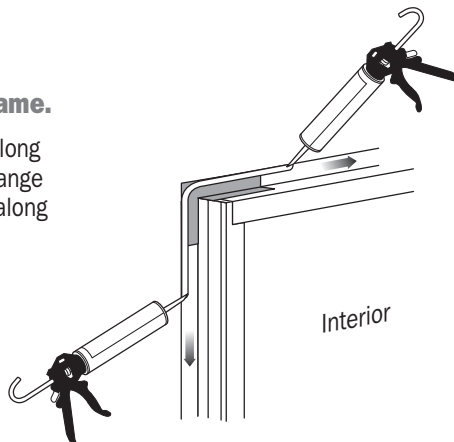


It is strongly recommended that you use a membrane or vinyl-based sill pan for a weathertight seal. Follow the sill pan manufacturer's installation instructions.

## Step 8 Installation Flange

### Apply sealant to door frame.

Apply 1/4" bead of sealant along the edge of the installation flange on the head and side jambs along the interior side where it will contact the opening.



# Installation Guide

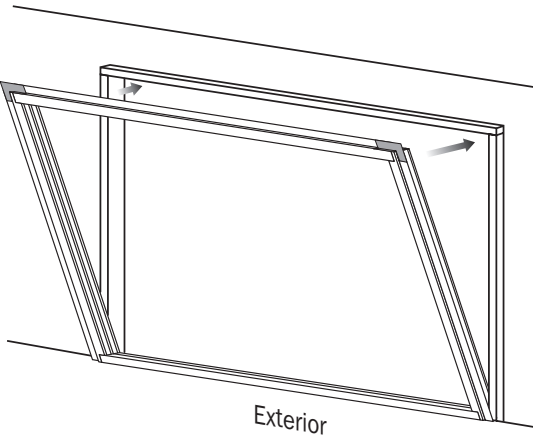
## Step 9 Installation Flange

### Place door frame in opening.

Place door frame into the opening from the exterior. Place sill of frame into place, then tip head into place.

NOTE: The installation flange is closer to the EXTERIOR side of the frame. The narrow insect screen track is on the exterior side.

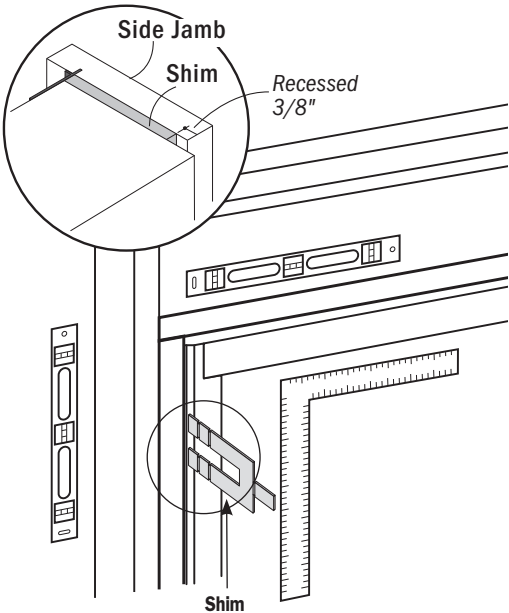
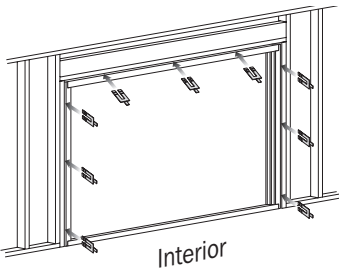
NOTE: Be sure the installation flange and sealant are tight against the exterior substrate before attaching the frame.



## Step 10 Installation Flange

### Shim door frame.

Shim so door frame is plumb, level and square. Shim at all pre-punched holes inside frame. Trim shims as needed. Shims must be recessed 3/8".

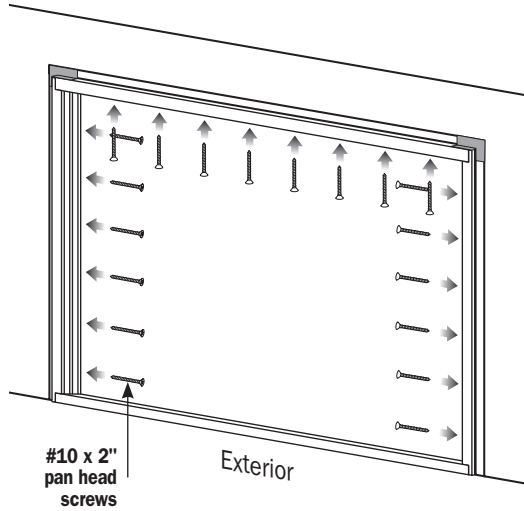




## Step 11 Installation Flange

### Fasten door frame. (Uses blue hardware bag)

Attach door frame to opening using twenty (20) #10 x 2" pan head screws in all pre-drilled holes in interior track of head and side jambs.



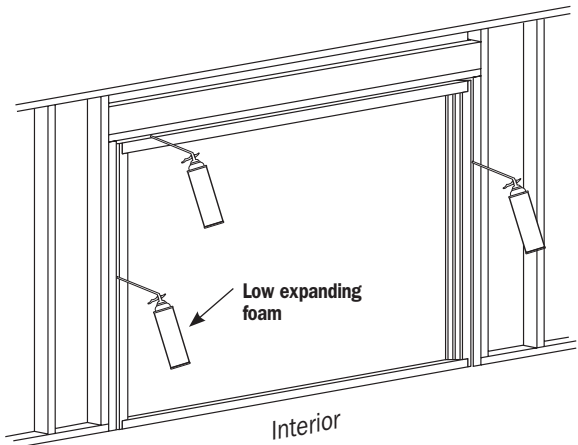
## Step 12 Installation Flange

### Insulate door frame.

Insulate around door frame.

#### CAUTION

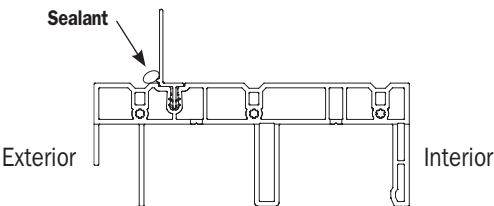
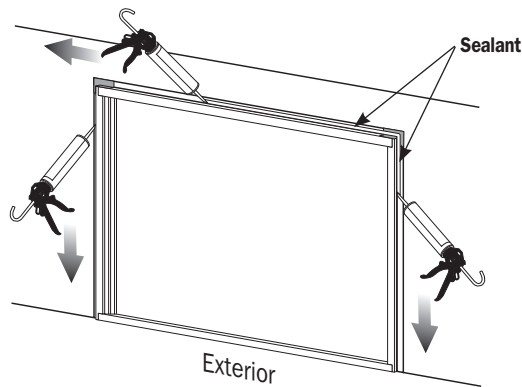
Do not overfill with low expanding foam or overpack with backer rod to avoid bowed jambs.



## Step 13 Installation Flange

### Seal installation flange to door frame.

Apply sealant where installation flange connects to door frame on head and side jambs. Make sure installation flange corner gaskets are fully sealed at the corners.

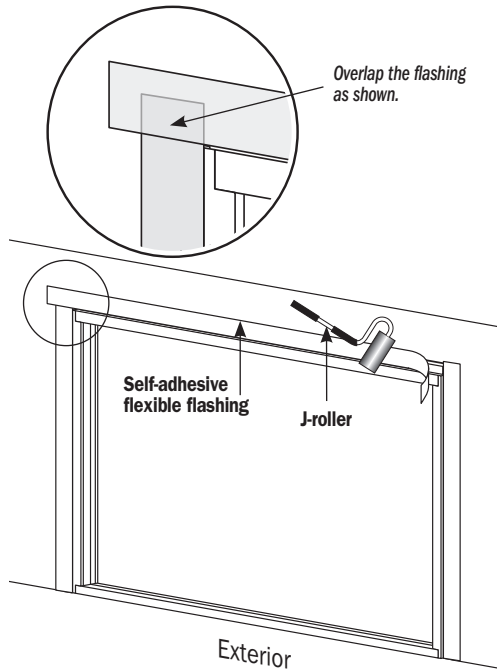


## Step 14 Installation Flange

### Apply self-adhesive flexible flashing to cover the installation flange.

Apply to the sides first and make sure it extends beyond the top of the door frame. Then apply to the top, extending beyond the sides.

NOTE: Use J-roller to make sure the self-adhesive flexible flashing bonds properly.

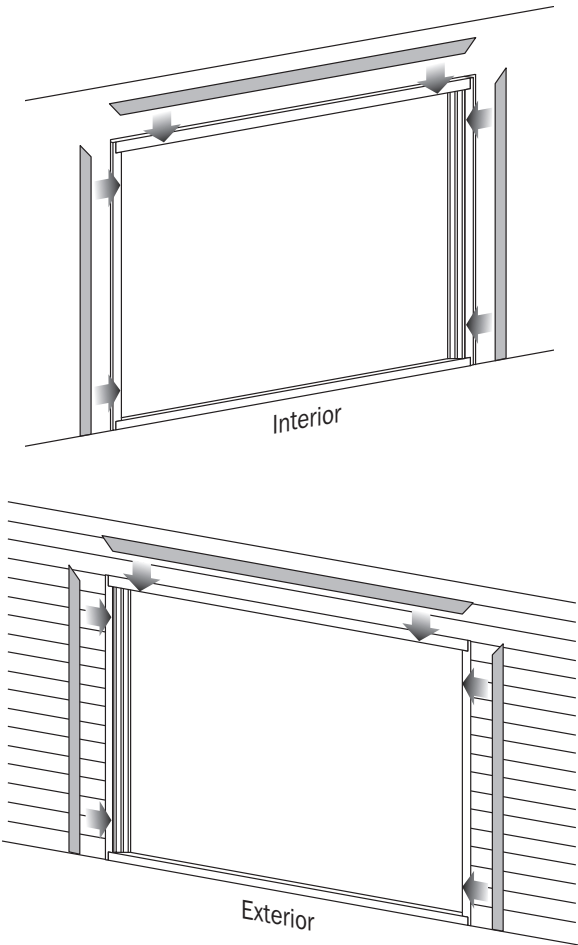


**IMPORTANT** – To create a weathertight seal, be sure that the flashing fully covers the entire length of the side jambs and head jamb of the door frame around the door opening. Pay special attention to the corners to be sure that there are no gaps in the flashing.

## Step 15 Installation Flange

### Apply trim.

Apply interior and exterior trim as desired. Apply sealant to the perimeter of interior and exterior for a weathertight seal.



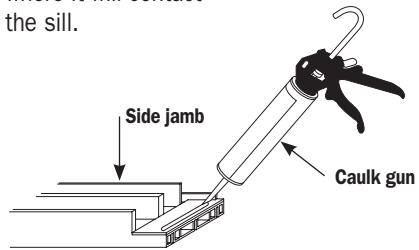
Proceed to Step 24.

## Step 16 No Installation Flange

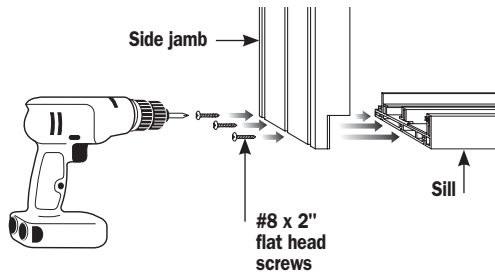
### Apply sealant and fasten side jambs to sill and head jamb. (Uses yellow hardware bag)

Make sure the tracks line up at all four corners before starting installation.

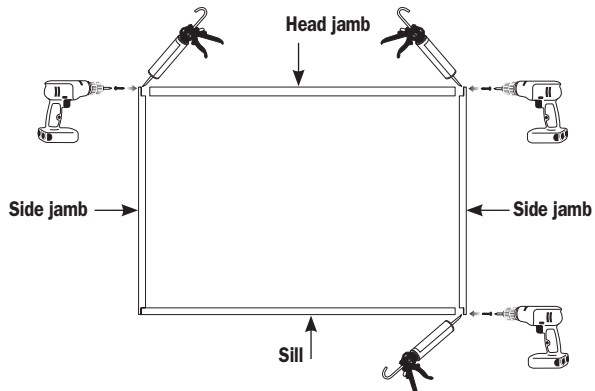
- 1 Apply sealant over foam gasket on side jamb where it will contact the sill.



- 2 Fasten side jamb to sill with three (3) #8 x 2" flat head screws in each location using pre-drilled holes.



- 3 Repeat in other three (3) corners.



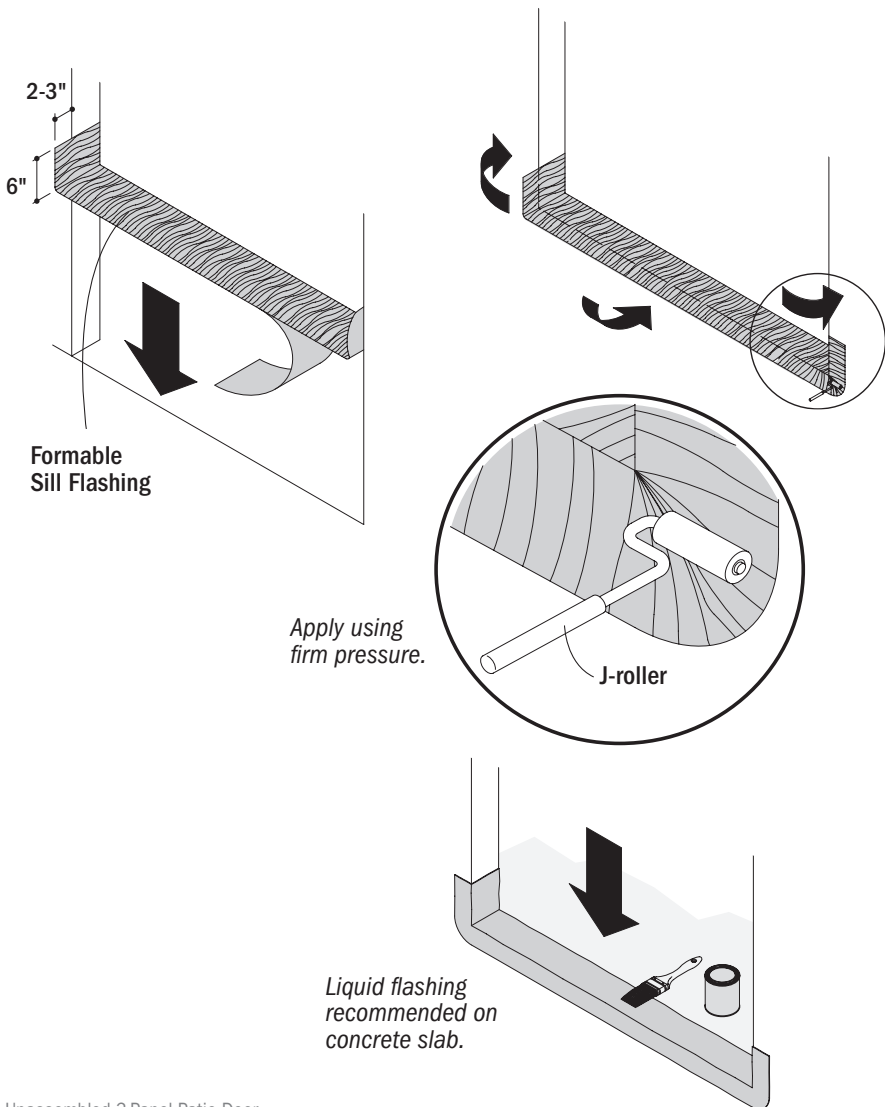
Step 17  
No Installation Flange

Apply formable sill flashing.

Apply formable sill flashing.

CAUTION

Apply formable flashing. Make sure there are no wrinkles or voids. Failure to do so could result in product or property damage.

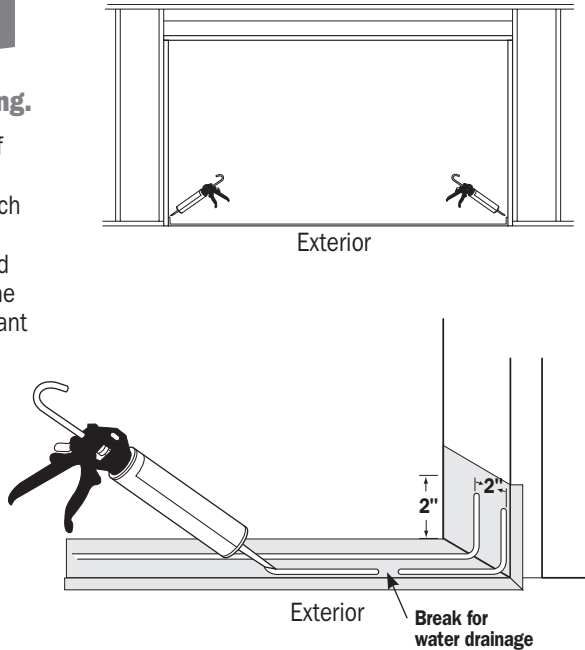


## Step 18 No Installation Flange

### Apply sealant to opening.

Apply two (2) 1/4" beads of exterior window/door grade sealant to sill and 2" up each side of rough opening. The exterior sealant bead should be at the exterior edge of the opening. The beads of sealant should be 2" apart.

NOTE: Leave two (2) small breaks in exterior sealant bead only to allow for water drainage.



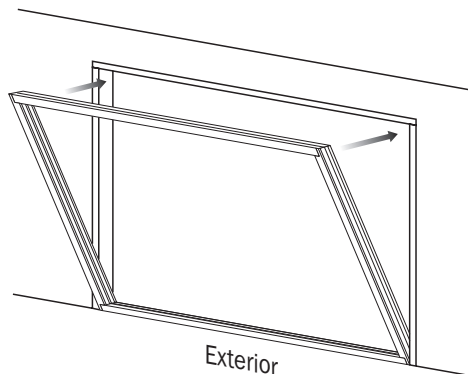
It is strongly recommended that you use a membrane or vinyl-based sill pan for a weathertight seal. Follow the sill pan manufacturer's installation instructions.

## Step 19 No Installation Flange

### Place door frame in opening.

Place door frame into the opening from the exterior. Place sill of frame into place, then tip head into place.

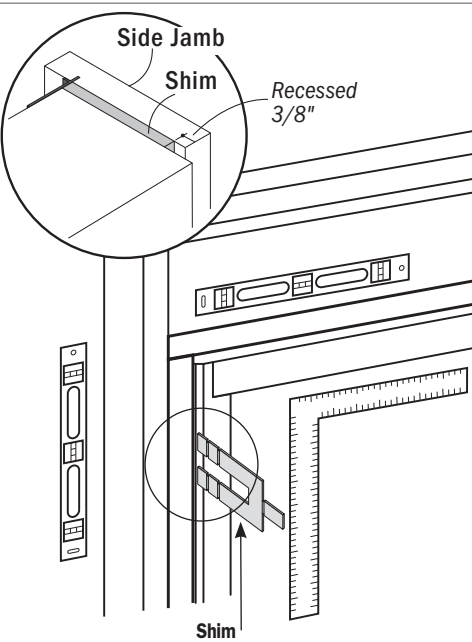
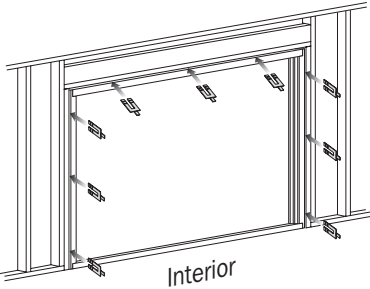
NOTE: Be certain narrow insect screen track is on exterior side.



Step 20  
No Installation Flange

**Shim door frame.**

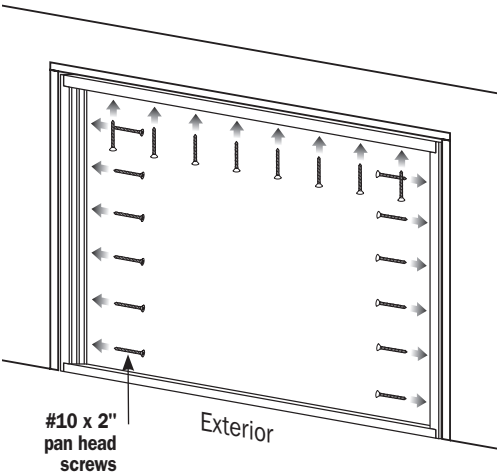
Shim so door frame is plumb, level and square. Shim at all pre-punched holes inside frame. Trim shims as needed. Shims must be recessed 3/8".



Step 21  
No Installation Flange

**Fasten door frame.**  
**(Uses blue hardware bag)**

Attach door frame to opening using twenty (20) #10 x 2" pan head screws in all pre-drilled holes in interior track of head and side jambs.





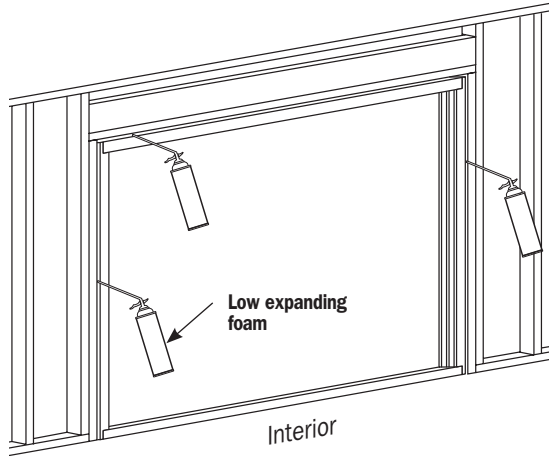
### Step 22 No Installation Flange

#### **Insulate door frame.**

Insulate around door frame.

#### **CAUTION**

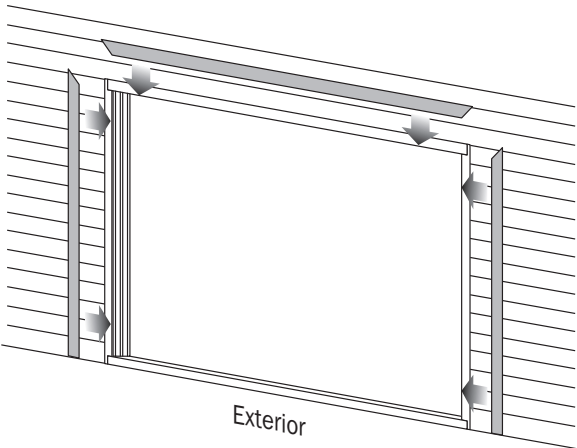
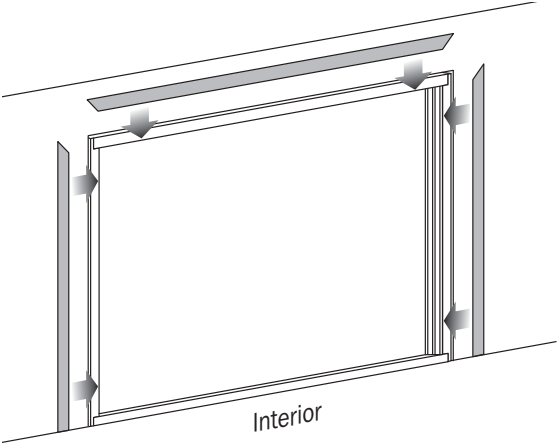
Do not overfill with low expanding foam or overpack with backer rod to avoid bowed jambs.



**Step 23**  
**No Installation Flange**

**Apply trim.**

Apply interior and exterior trim as desired. Apply sealant to the perimeter of interior and exterior for a weathertight seal.



## Step 24

### Determine door panel locations.

Review the four (4) different door panel location configurations shown here and on the following page and determine which is appropriate for the installation.

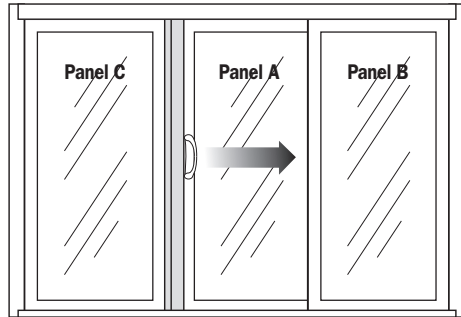
NOTE: Options 1 and 2 are covered in this installation guide. Please visit the [silverlinewindows.com](http://silverlinewindows.com) for installation instructions showing Options 3 and 4 (as illustrated on the following page).

**Panel A – Operating Panel**

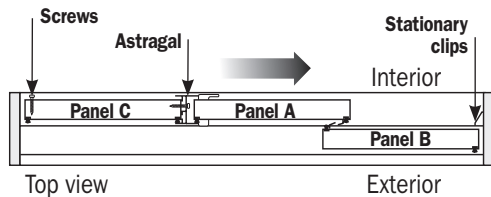
**Panel B – Stationary Panel with Interlock**

**Panel C – Stationary Panel with No Interlock (NI)**

#### Option 1 Middle Panel Opens to the Right



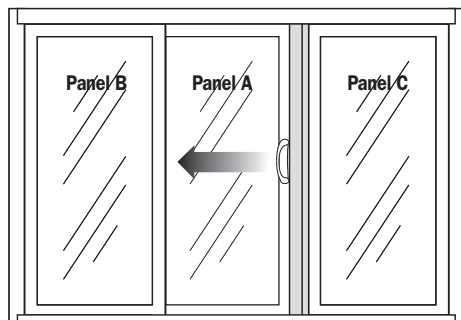
View from Exterior



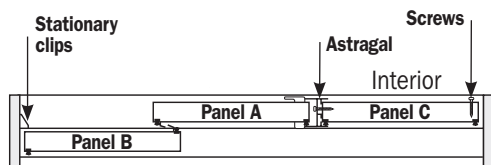
Top view

Exterior

#### Option 2 Middle Panel Opens to the Left



View from Exterior



Top view

Exterior

More installation options on next page.

Step 24  
Continued

Determine door panel locations. (continued)

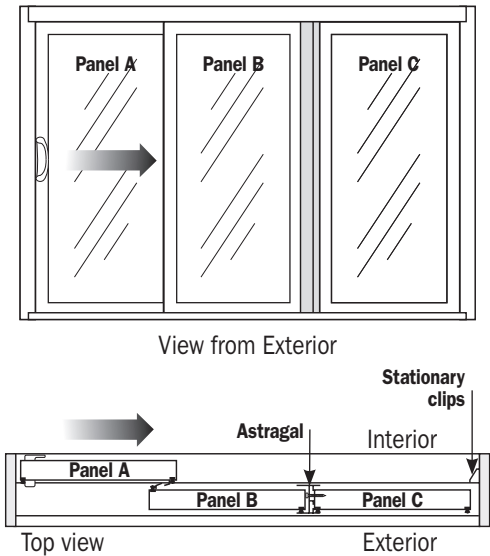
Please visit [silverlinewindows.com](http://silverlinewindows.com) for installation instructions showing Options 3 and 4.

Panel A – Operating Panel

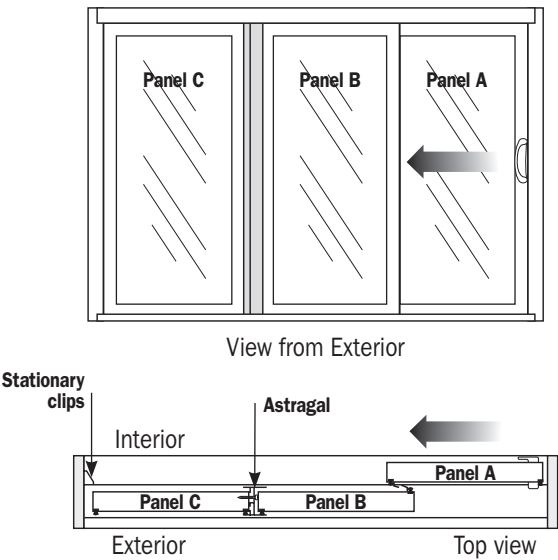
Panel B – Stationary Panel with Interlock

Panel C – Stationary Panel with No Interlock (NI)

Option 3  
Side Panel Opens to the Right



Option 4  
Side Panel Opens to the Left



## Step 25

### Verify handing.

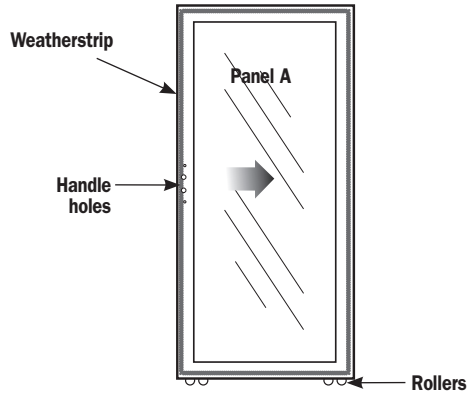
Determine if operating panel is in desired handing.

Locate the four (4) holes on the operating panel used for placement of the handles. The rollers should be at the bottom of the panel. The weatherstrip should face toward you.

If the handle holes are on your left, then the operating panel will slide open to the right as viewed from the exterior. If the handle holes are on your right, then the operating panel will slide open to the left.

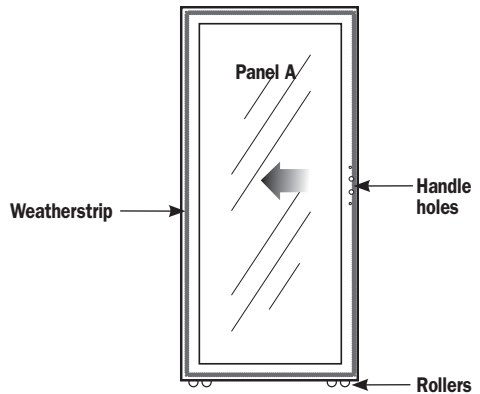
If handing is not as desired, it can be reversed.

**Option 1**



Panel slides open to the right as viewed from the exterior.

**Option 2**



Panel slides open to the left as viewed from the exterior.

If the desired handing of the operating panel is correct, proceed to Step 30. To change the handing, proceed to Step 26.

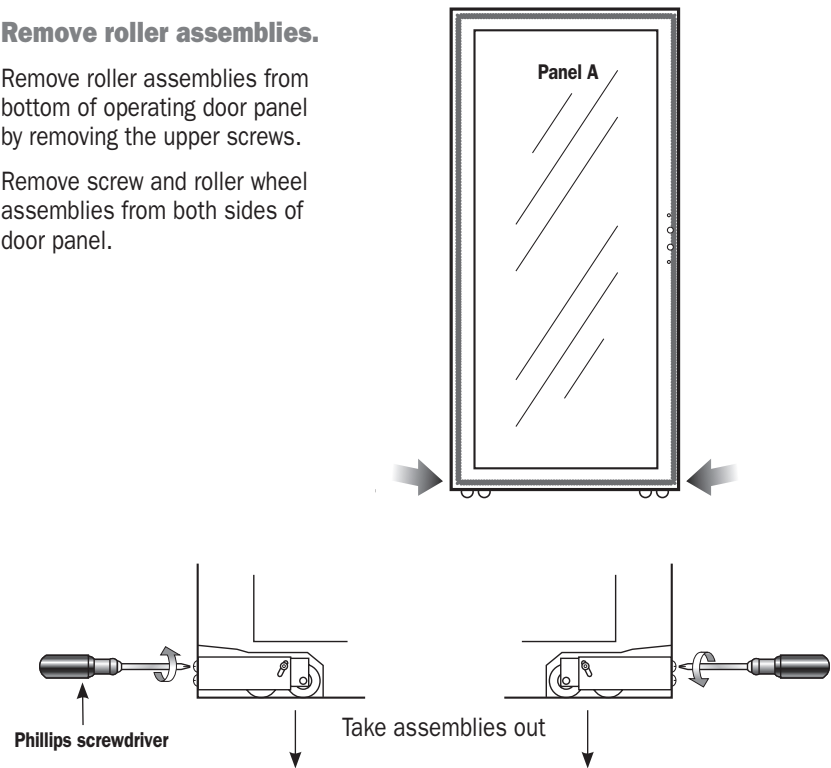
**To Change Handing of Operating Panel - Optional**  
(Move to the Left or to the Right)

**Step 26**

**Remove roller assemblies.**

Remove roller assemblies from bottom of operating door panel by removing the upper screws.

Remove screw and roller wheel assemblies from both sides of door panel.



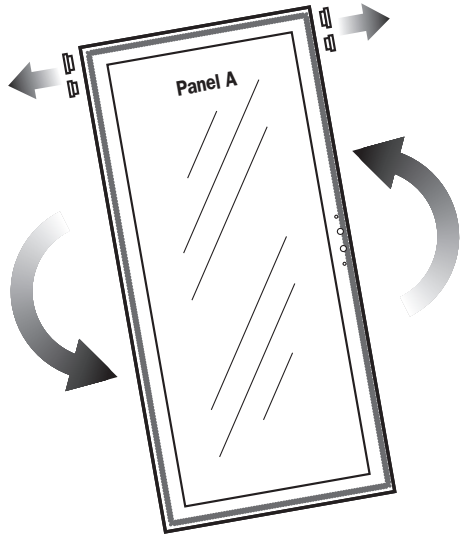
## Step 27

### Remove screw covers and rotate.

Remove two pairs of screw covers from the top of the operating panel and rotate the operating panel.

#### ⚠ WARNING

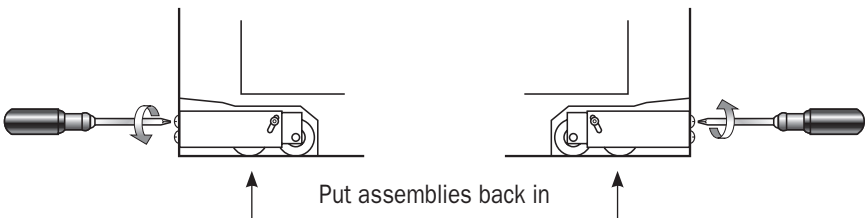
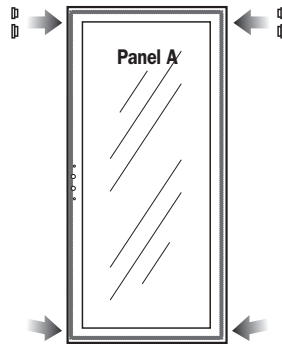
Windows and doors have small parts (e.g. hole plugs, operator spline caps, fasteners, etc.). Small parts if swallowed could pose a choking hazard to young children. Dispose of unused, loose, or easily removed small parts. Failure to do so could result in injury.



## Step 28

### Replace roller assemblies and screw covers.

Replace roller assemblies back into the bottom of the door panel and put two pairs of screw covers into top of door panel.

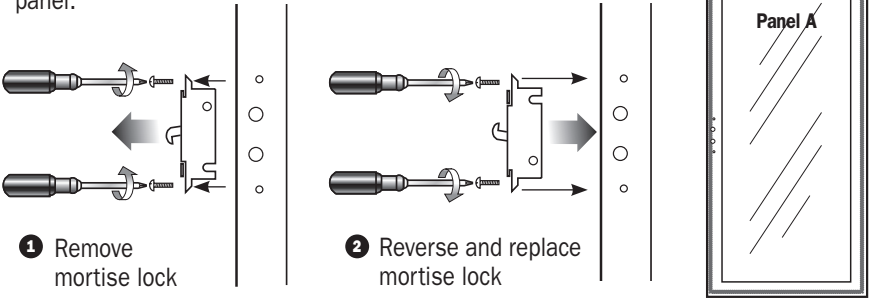


Step 29

Reverse lock.

Remove screws from the mortise lock while holding onto hook of lock and then remove the lock. Reverse the mortise lock so the hook is facing up. Re-attach lock.

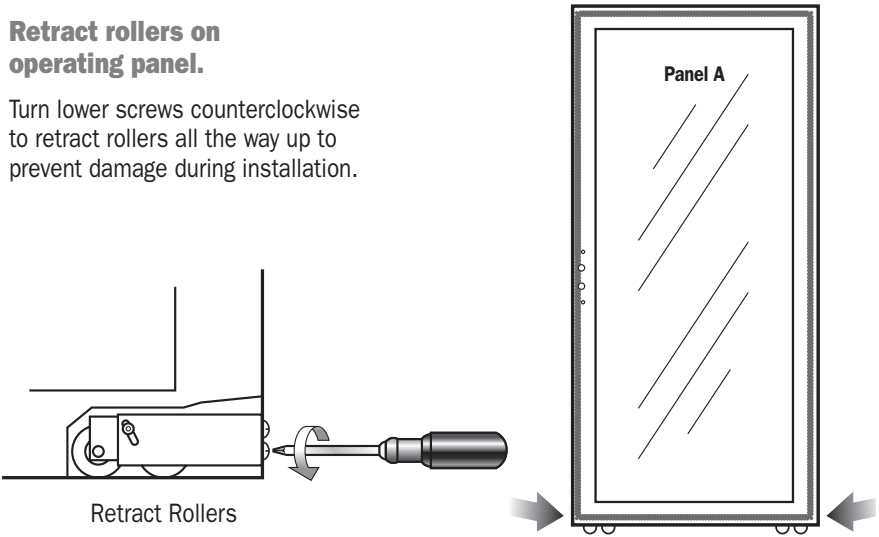
NOTE: Be certain to hold onto the hook while removing the mortise lock to prevent it from falling into the operating panel.



Step 30

Retract rollers on operating panel.

Turn lower screws counterclockwise to retract rollers all the way up to prevent damage during installation.





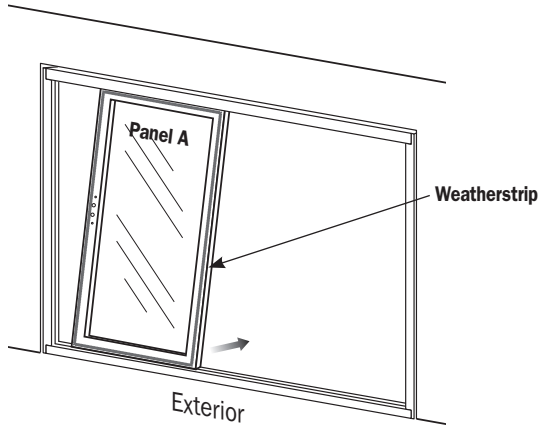
## Step 31

### Install operating panel from the exterior.

Place top of operating panel into interior track of head jamb, then gently set bottom of panel in place in the interior track. Make sure the roller assemblies are fully retracted.

NOTE: Be sure the weatherstrip faces the exterior.

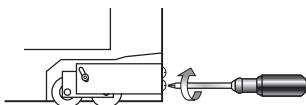
NOTE: Option 1 panel location shown unless otherwise indicated.



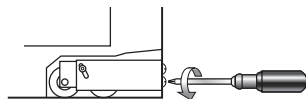
## Step 32

### Adjust operating panel rollers.

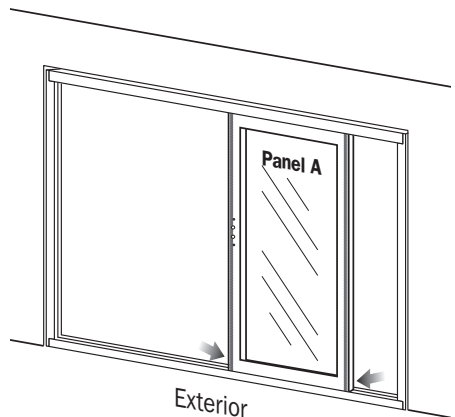
Lift door panel slightly to minimize weight on rollers. Turn lower screws to adjust rollers so that door panel is plumb and level with frame and door slides smoothly.



Lower Rollers



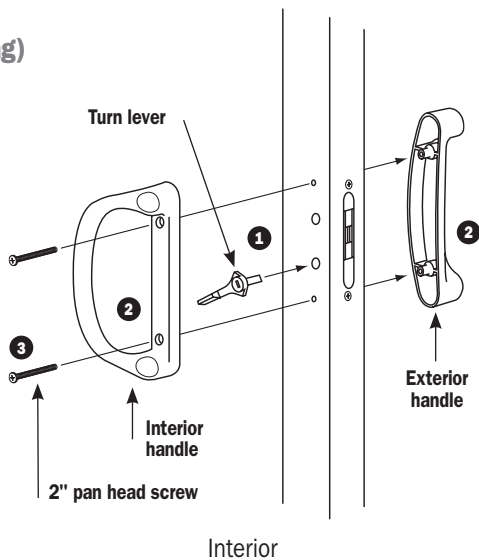
Retract Rollers



Step 33

**Install handles on operating panel.(Uses clear hardware bag)**

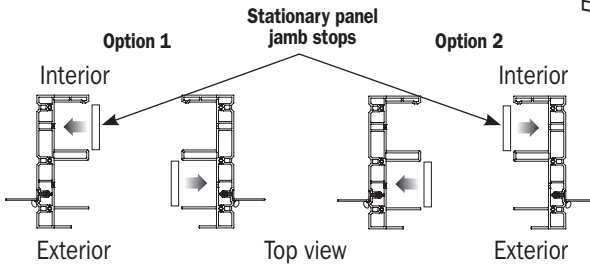
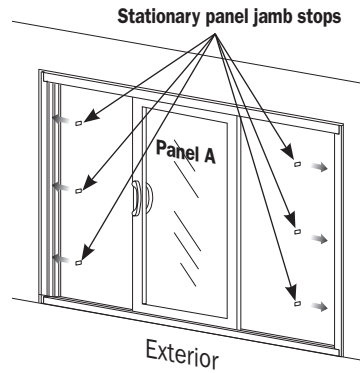
- 1 Place turn lever into bottom, larger hole on interior of operating panel.
- 2 Place larger interior handle and smaller exterior handle onto door with grips toward glass.
- 3 Fasten with two (2) 2" pan head screws.



## Step 34

### Install stationary panel jamb stops. (Uses red hardware bag)

Apply six (6) stationary panel jamb stops, three (3) to each side of frame. Remove paper backing and apply appropriate pressure for placement. Apply evenly spaced from head jamb to sill in the appropriate tracks indicated in drawings.

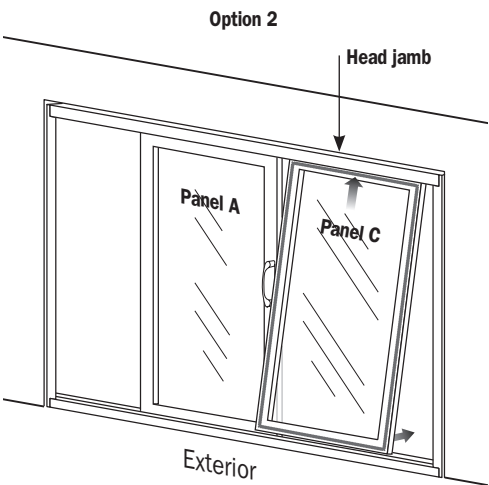
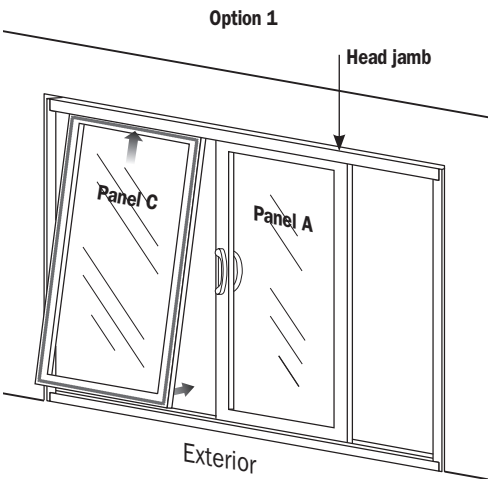


Step 35

**Install stationary panel with no interlock (NI).**

From the exterior, place top of stationary panel C into interior track in head jamb of door frame next to operating panel A. The weatherstrip should face the exterior. Then place bottom of panel into position in track.

NOTE: Be sure the weatherstrip faces the exterior.

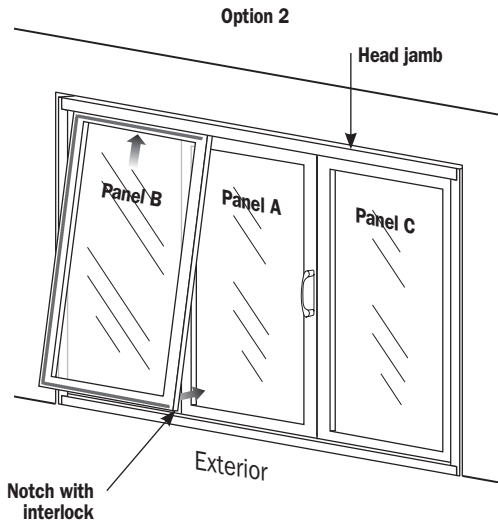
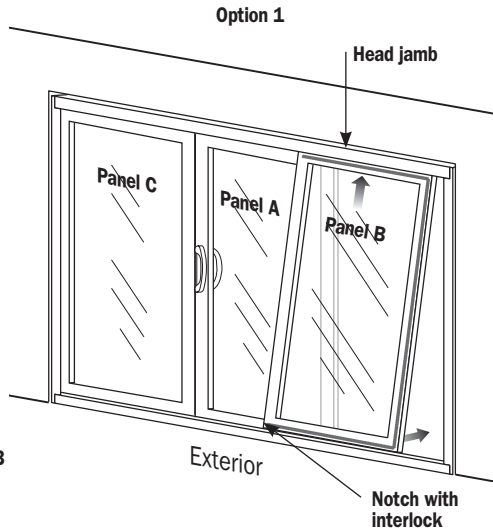
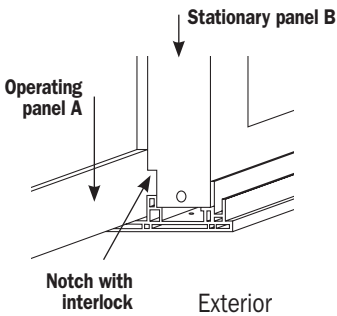


## Step 36

### Install stationary panel with interlock.

From the exterior, place top of stationary panel B into middle track in head jamb of door frame. The notches with interlock should face the interior and be placed against panel A. Then place bottom of panel into position in track.

**NOTE:** Be sure that the notches with interlock face the interior.

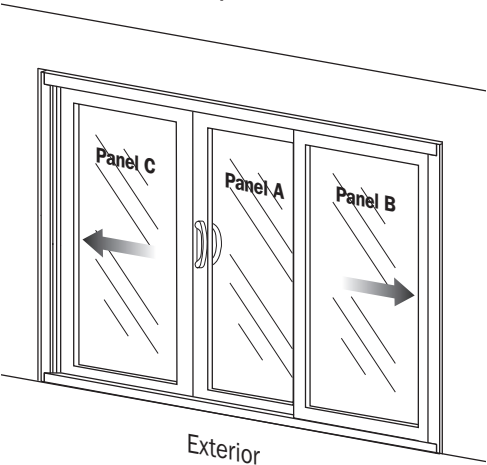


## Step 37

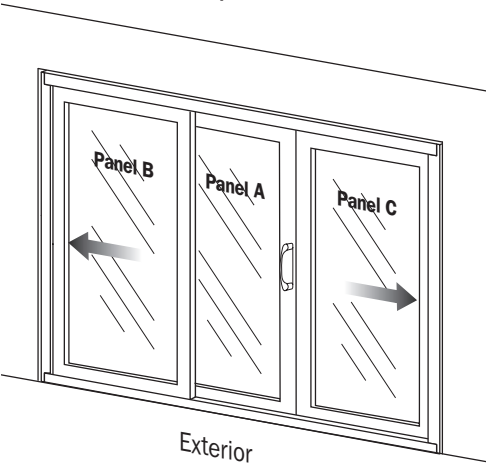
### Position stationary panels.

Slide both stationary panels all the way to either side so they are set back into the door frame as far as they will go.

Option 1



Option 2

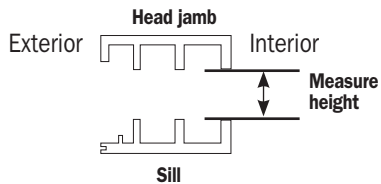
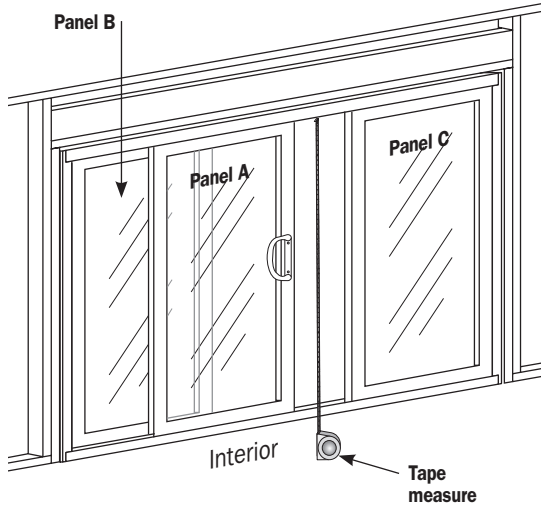


## Step 38

### Measure astragal length.

Measure from interior head jamb of door frame to top of interior sill to determine length of astragal.

#### Option 1



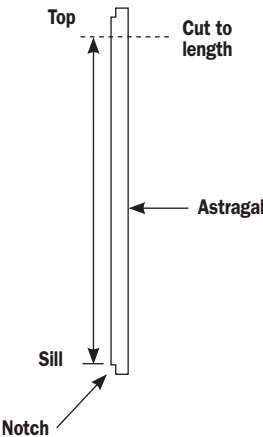
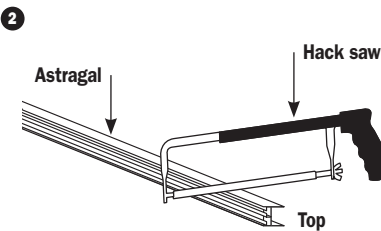
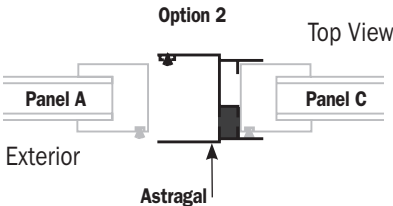
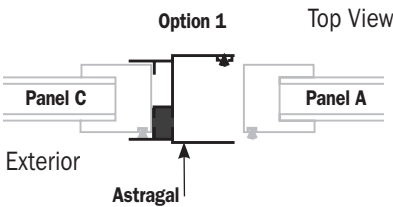
Step 39

Trim astragal.

- 1

Identify the top of the astragal depending on panel configuration. See top view drawings shown here to determine.
- 2

Trim top of astragal by making a straight, 90 degree cut to the length of the measurement from the notch.



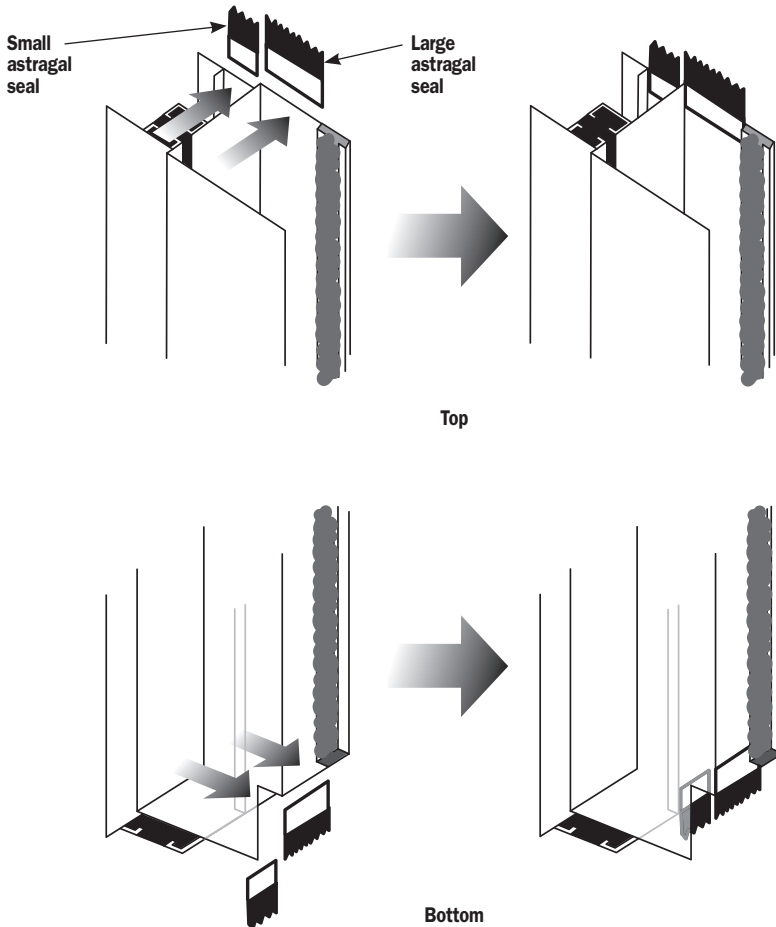


## Step 40

### Install astragal seals. (Uses gray hardware bag)

Apply one (1) large and one (1) small astragal seal to top of astragal and one (1) large and one (1) small astragal seal to bottom of astragal. Remove paper backing and apply using firm pressure to the interior sides of the astragal as shown.

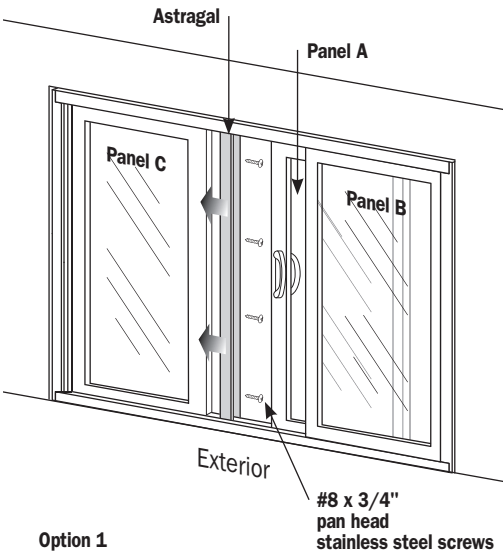
Option 1 Shown



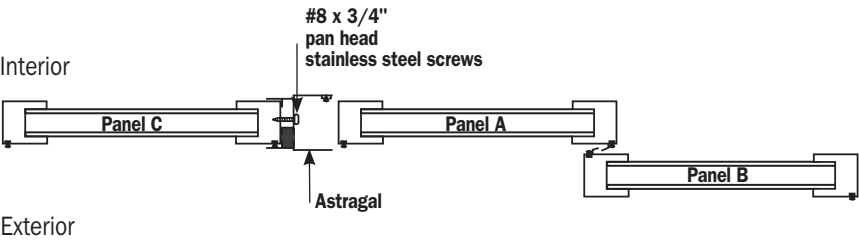
Step 41

**Install astragal.**  
**(Uses gray hardware bag)**

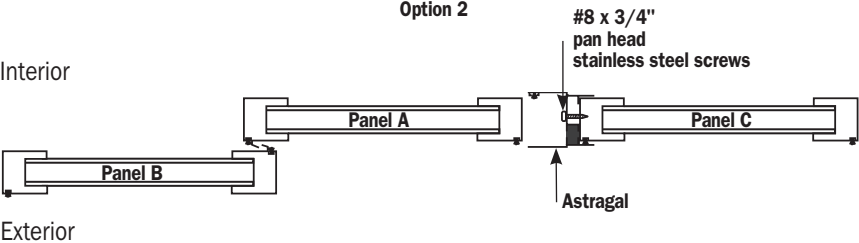
Place astragal on stationary panel C, making sure bottom of astragal with notch fits into sill. Attach astragal to stationary panel C (NI) using (4) #8 x 3/4" pan head stainless steel screws. Space the screws evenly.



Option 1



Option 2

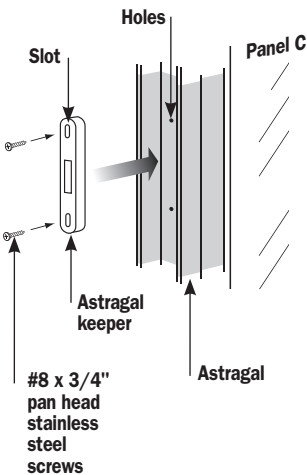


## Step 42

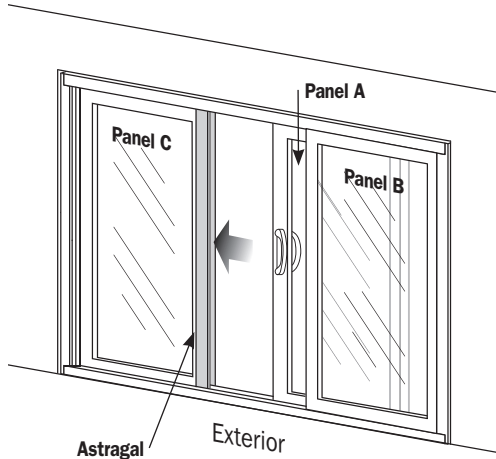
### Install astragal keeper (Uses gray hardware bag)

Locate the two (2) holes in the astragal opposite the handle. Install the two (2) #8 x 3/4" pan head stainless steel screws through the slots on the keeper into the two holes on the astragal and tighten them "finger tight" to allow for adjustments. Close and lock operating panel to make sure patio door locks correctly. If the patio door does not lock correctly, open patio door and slide keeper up or down to allow lock hook to properly nest in keeper.

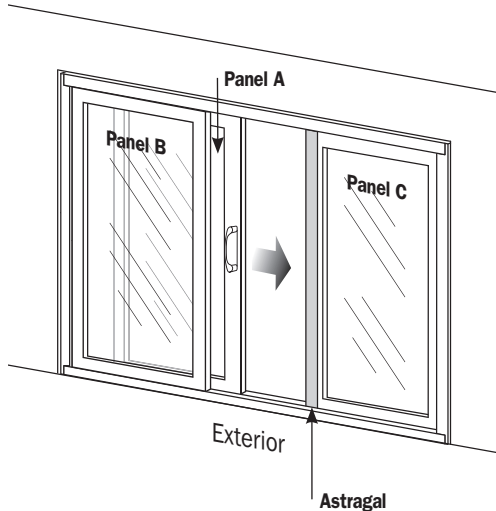
Once patio door locks correctly, fully tighten the screws to secure the keeper in place top and bottom.



Option 1



Option 2

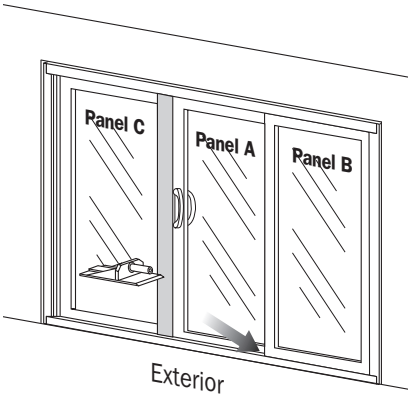


Step 43

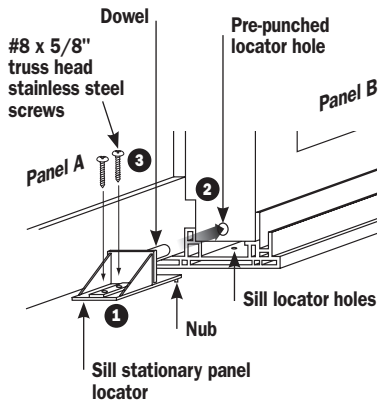
**Install sill stationary panel locator.  
(Uses red hardware bag)**

- 1 Place the sill stationary panel locator in the middle track of the sill.
- 2 Slide the bottom of the sill stationary panel locator under the stationary panel and the dowel into the pre-punched locator hole in the panel until you feel the locator nubs on the bottom drop into place into the sill locator holes.
- 3 Using two (2) #8 x 5/8" truss head stainless steel screws, attach sill stationary panel locator to sill.

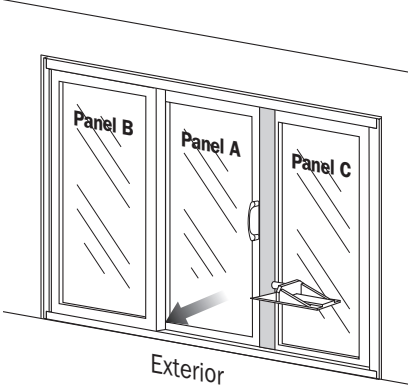
Option 1



Option 1



Option 2

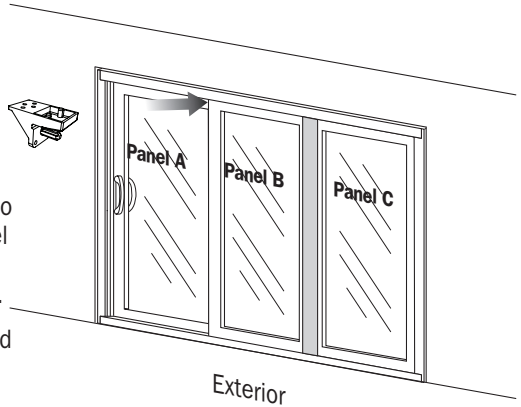


## Step 44

### Install head stationary panel locator. (Uses red hardware bag)

- 1 Place the head stationary panel locator in the middle track of the head jamb. The nubs on the top of the head stationary panel locator will face up.
- 2 Move the dowel of the locator into the pre-punched hole in the panel until you feel the locator nubs fit into the head jamb locator holes.
- 3 Using two (2) #8 x 5/8" pan head stainless steel screws, attach head stationary panel locator to head jamb.

Option 3



Head stationary panel locator

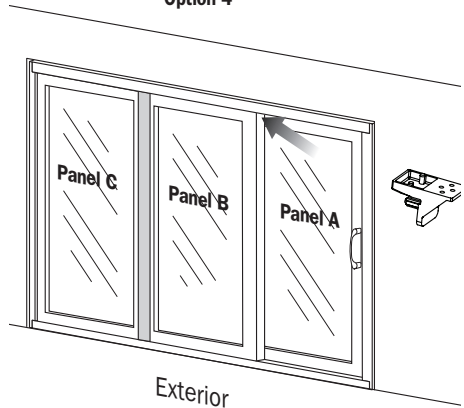
Dowel

Head jamb locator holes

#8 x 5/8" pan head stainless steel screws

Pre-punched locator hole

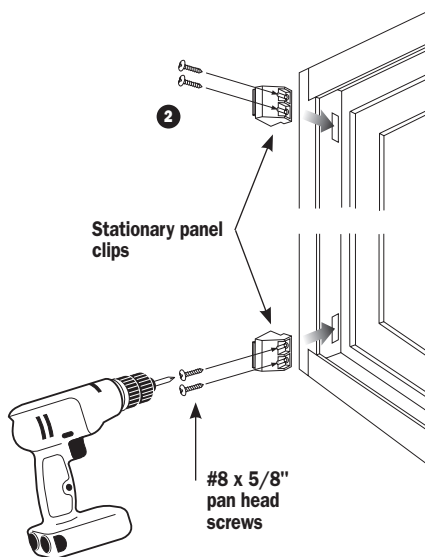
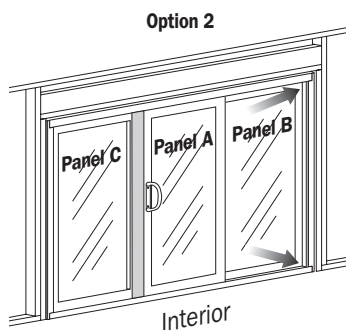
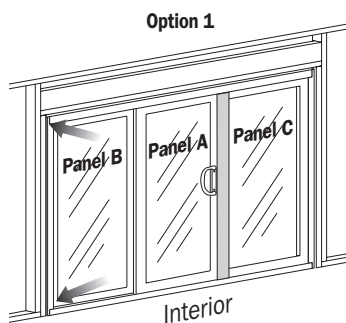
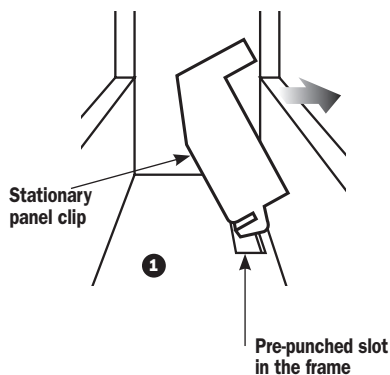
Option 4



### Step 45

#### Install stationary panel clips. (Uses green hardware bag)

- 1 Install two (2) stationary panel clips, one (1) at the bottom and one (1) at the top of the stationary panel on interior. Insert the groove on the bottom of the stationary panel clip into the pre-punched slot on the side jamb and pivot the stationary panel clip to snap into place against the frame. Repeat for the other clip.
- 2 Drive two (2) #8 x 5/8" pan head stainless steel screws through each clip into each door panel on top and bottom.

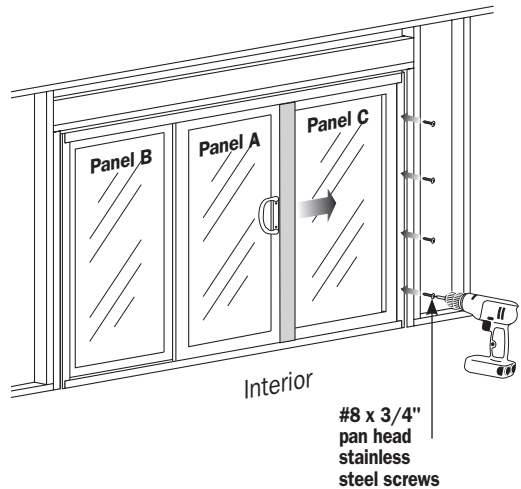


## Step 46

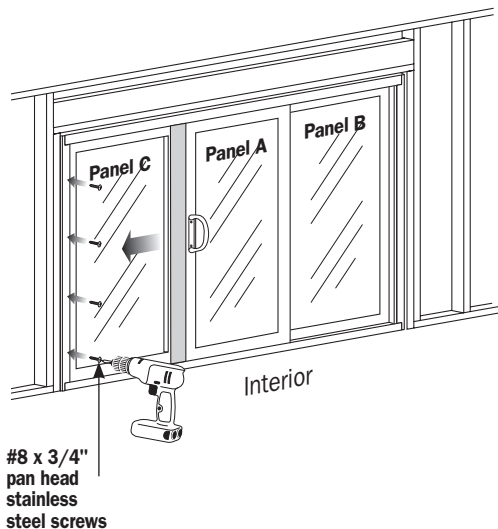
### Attach stationary panel C (NI). (Uses gray hardware bag)

Lock the door and push operating panel A towards stationary panel C to ensure that it is seated into the side jamb. Use four (4) #8 x 3/4" pan head stainless steel screws to secure stationary panel C (NI) to door frame. Fasten screws through interior frame into stationary panel C (NI). Space the screws evenly.

Option 1



Option 2

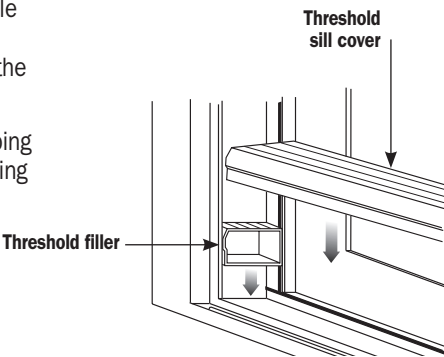


Step 47

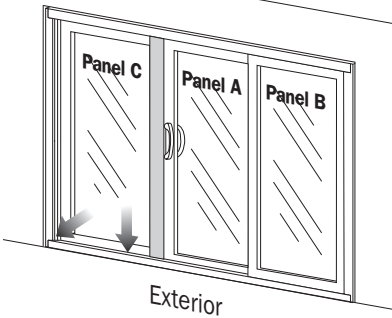
**Install threshold filler and threshold sill cover. (Uses gray hardware bag)**

Install the threshold filler into the middle sill track from the exterior. Snap it into place. Make sure it is pushed against the side jamb.

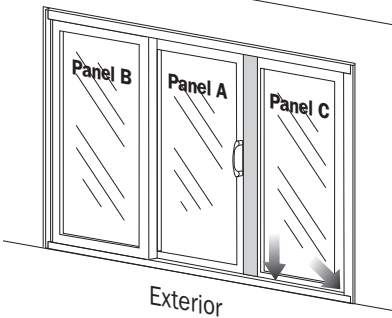
Install the threshold sill cover by snapping into place on the middle sill track starting next to the threshold filler and working toward stationary panel B.



Option 1



Option 2



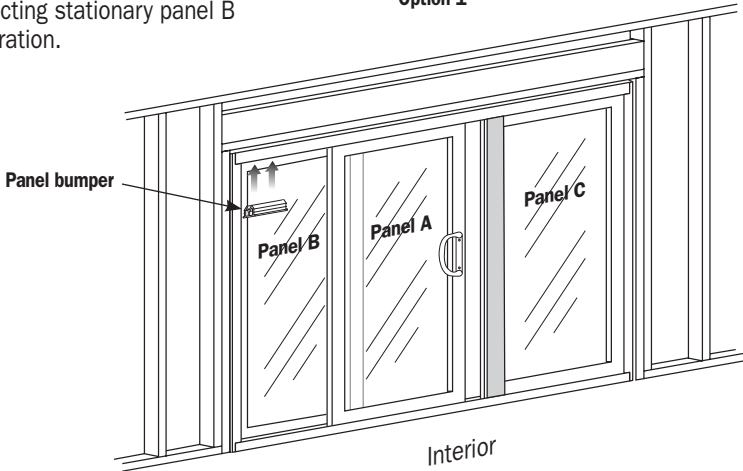


## Step 48

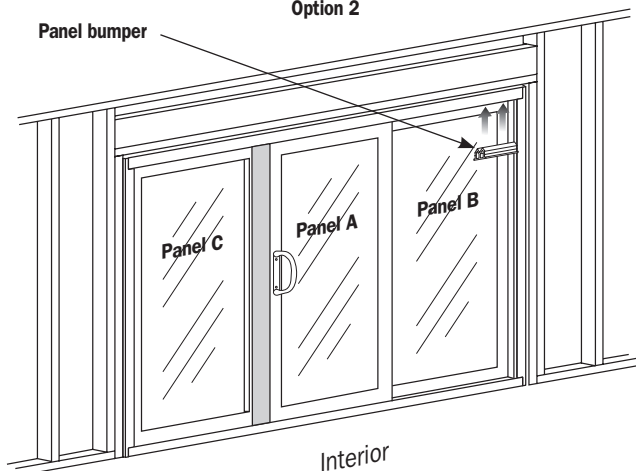
### Install panel bumper. (Uses gray hardware bag)

Snap panel bumper into place in interior track of head jamb next to side jamb to prevent handle from contacting stationary panel B during operation.

Option 1



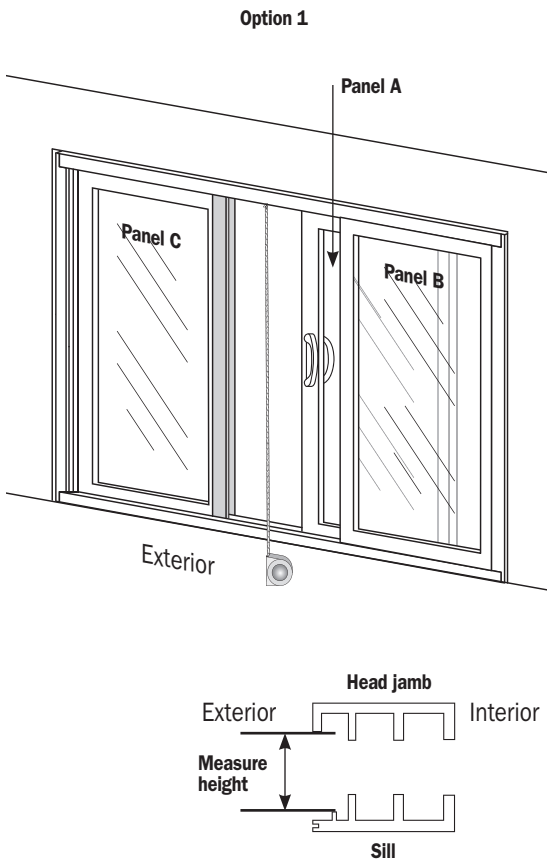
Option 2



Step 49

Measure insect screen adaptor.

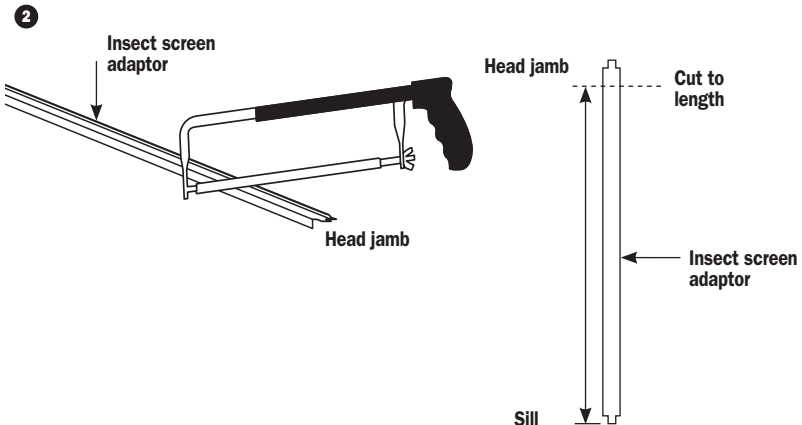
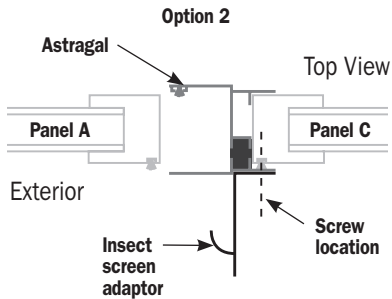
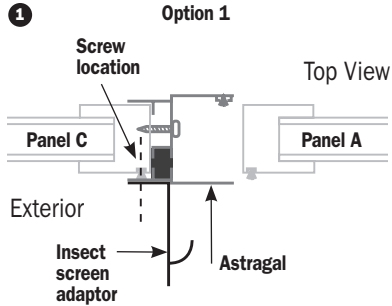
Measure from the exterior head jamb of door frame to top of exterior insect screen track on the sill to determine length of insect screen adaptor.



## Step 50

### Trim insect screen adaptor.

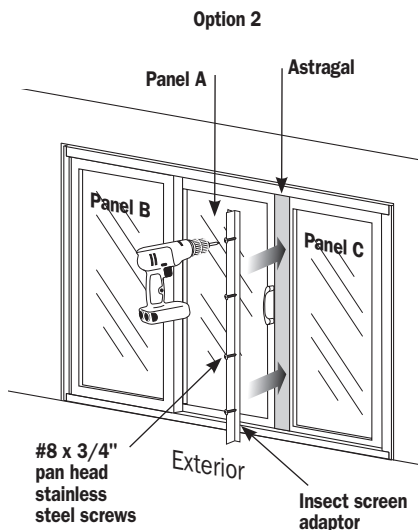
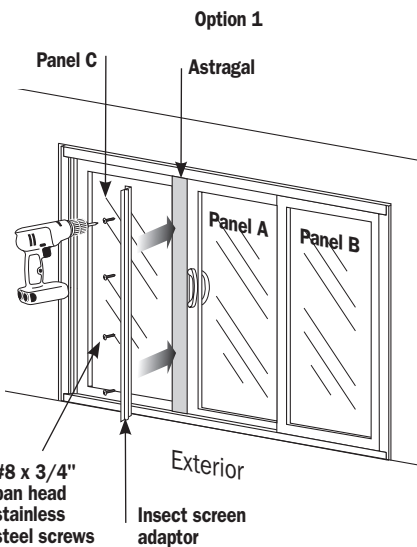
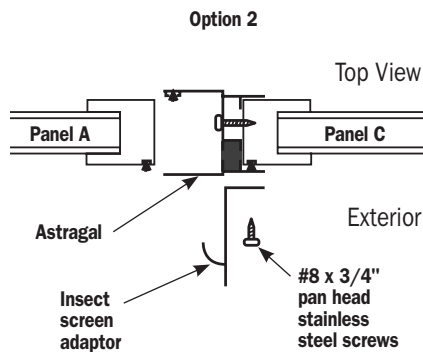
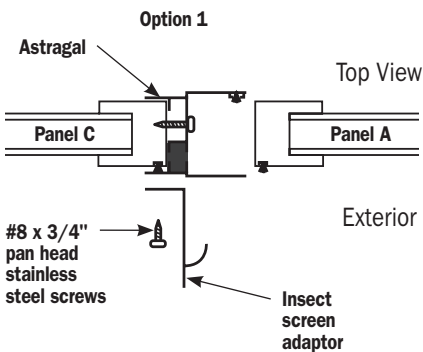
- 1 Determine what is the top of the insect screen adaptor depending on panel configuration. See top view drawings shown here to determine.
- 2 Trim top of insect screen adaptor by making a straight, 90 degree cut to the length of the measurement from the bottom.



Step 51

**Install insect screen adaptor.  
(Uses gray hardware bag)**

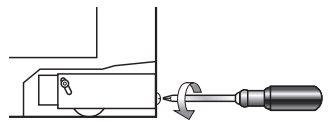
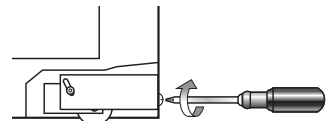
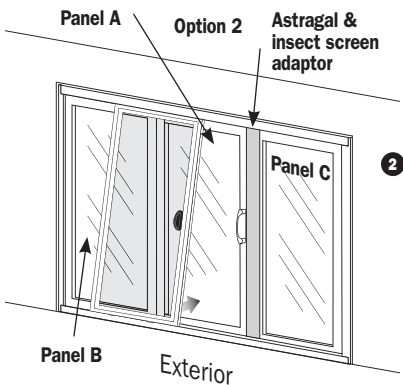
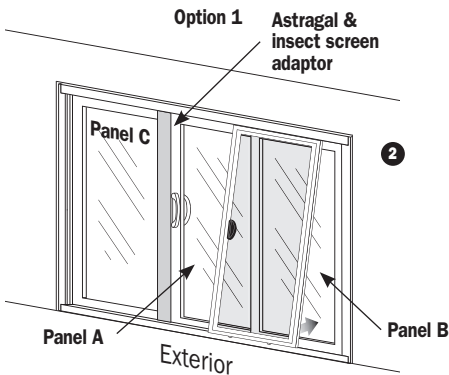
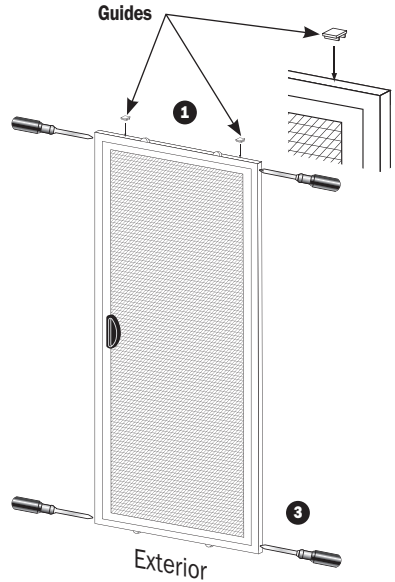
Using four (4) #8 x 3/4" pan head stainless steel screws, fasten insect screen adaptor through astragal and into Panel C. Space the screws evenly.



## Step 52

### Install insect screen panel. (Uses insect screen parts hardware bag)

- ❶ Push the top two (2) guides into place on the top of the insect screen panel approximately 2" from each side.
- ❷ Tilt the insect screen, put the top into the head jamb track, then put the bottom rollers onto the sill track.
- ❸ Adjust rollers so insect screen stays on track and operates smoothly.



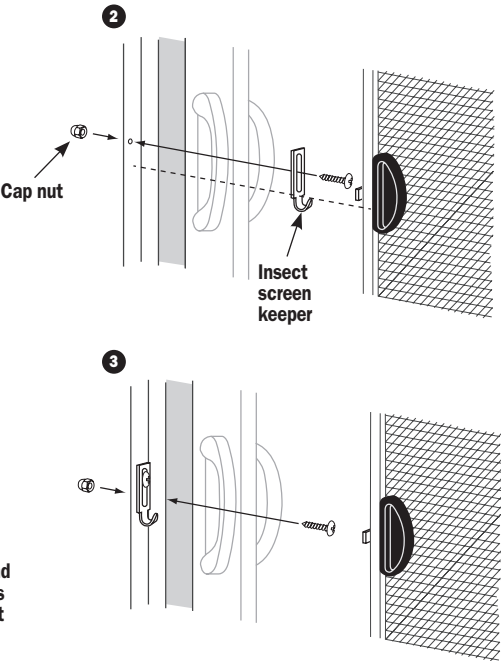
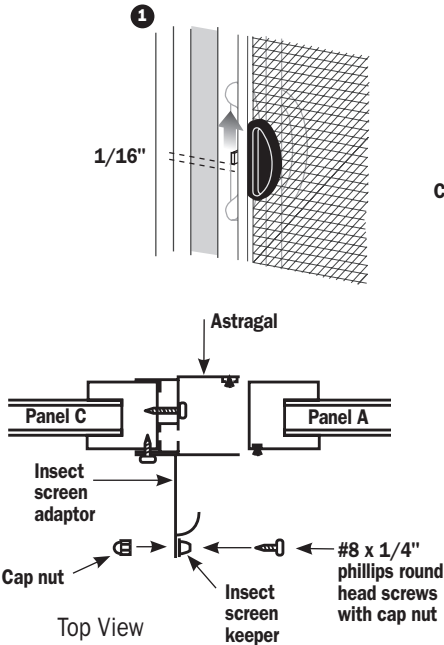
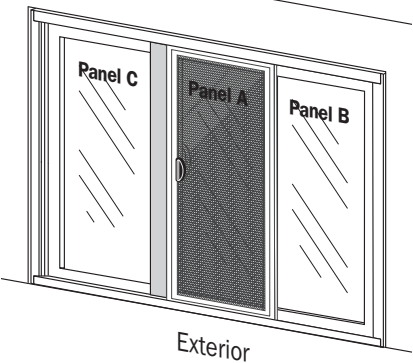
Step 53

**Install insect screen keeper.**  
**(Uses insect screen parts hardware bag)**

- ➊ Push insect screen panel handle all the way up. Mark 1/16" below bottom of insect screen latch on the insect screen adaptor.
- ➋ Position top of insect screen keeper hook with mark on insect screen adaptor. Insect screen keeper should be installed with the hook up. Pre-drill hole using 11/64" bit. Attach insect screen keeper using one (1) #8 x 1/4" screw and cap nut.

Adjust insect screen keeper as necessary for easy latching and releasing.

- ➌ Pre-drill hole using 11/64" bit and fasten insect screen keeper with second #8 x 1/4" screw and cap nut.



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**Installation Guide**  
Unassembled 3-Panel Patio Door