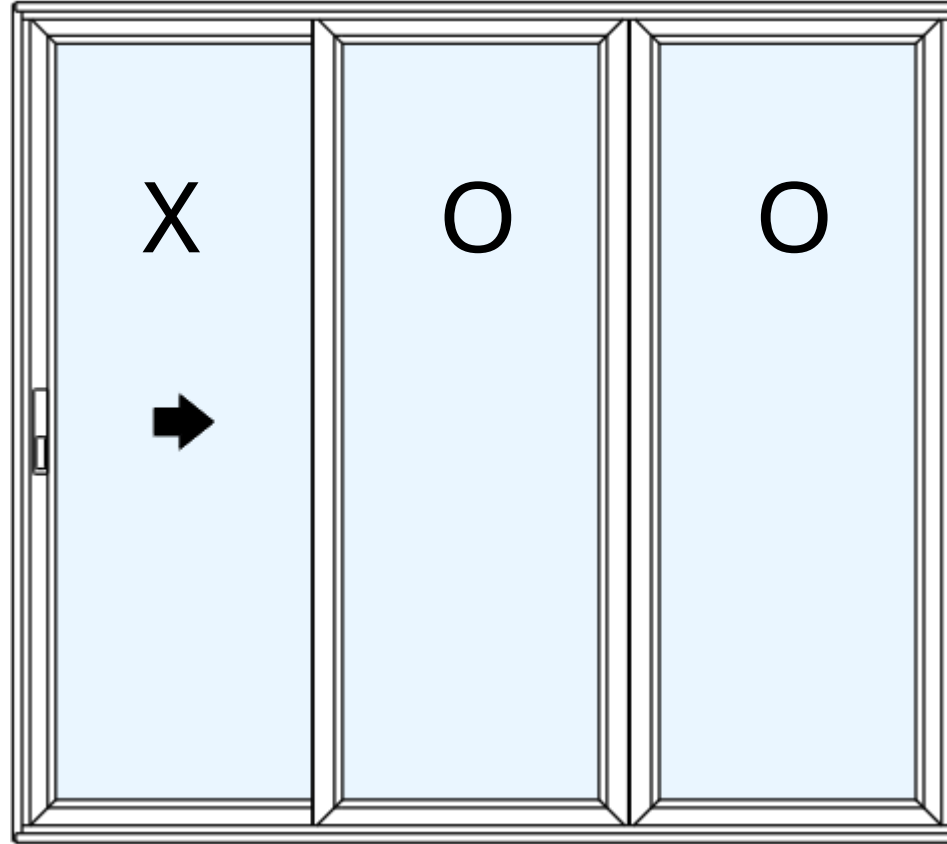


C700 3 Panel XOO/OOX Sliding Glass Door Field Panel Installation 2



C700 3 Panel XOO/OOX SGD Disclaimers

ADVISORIES AND DISCLAIMERS: Fully read and follow instructions to ensure proper panel installation on C700 Sliding Glass Door product. Panel Assembly is not a “do-it-yourself” project and should be installed only by experienced, qualified, and where required, licensed installation professionals.

Read this entire document before proceeding with the assembly of Milgard’s products. These instructions address only the installation process for panels into Milgard sliding door products. Read and fully understand ALL manufacturer’s instructions prior to beginning the assembly. Fully follow the applicable Milgard Installation Recommendation for the door. Failure to follow the applicable installation instructions may affect the ability to assemble and operate the door, as well as coverage under the applicable Milgard express limited warranty.

These instructions are to be used only with products specifically ordered with the panel orientation addressed in these instructions. Products must be identified as such on the order documents so the manufacturing plant can properly prepare the products for field assembly. If the doors do not arrive prepared for use with this set of instructions, do not move forward with installation and contact your Milgard representative.

This is a finished product that must be protected before, during and after installation to prevent damage to the glass, frame, finish and hardware. All component parts, including door panels, should be stored in a dry location that is protected from the elements.

Doors requiring field assembly will be delivered with a kit containing the items that should be used when assembling the panels and hardware. Milgard’s products are rated for performance based on the specific items and fasteners included with this kit. Any deviation from these guidelines or substitutions/use of parts not provided with the kit could affect the performance of the product.

Proper panel installation and operation requires appropriate support and securing of fasteners into rough opening framing members. This has the potential to impact the flashing and water management systems at a product opening. Consult the responsible system supplier or responsible owner, architect and/or builder to ensure that support and fastening of the door is effective and in compliance with applicable laws, site requirements and building codes.

Inspect the panel and door frame thoroughly before beginning the assembly process. Ensure all product and hardware options are included with the product. Inspect and report any product or panel damage or other concerns to your Milgard representative prior to moving forward with installation.

C700 3 Panel XOO/OOX SGD Disclaimers

ADVISORIES AND DISCLAIMERS (continued): Jobsite and worker protections are recommended and may be required. Follow all manufacturers' instructions for appropriate and safe use of protective equipment, tools, materials, hardware and site protections necessary for assembly of the products. Use caution when handling glass. Broken or cracked glass can cause serious injury.

It is the responsibility of the installation contractor to consult and establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to commencing installation. Do not work alone and use safe lifting techniques. Two or more people may be required to lift. Use a reasonable amount of people with enough strength to lift, carry and install to avoid injury and/or damage to the Product.

It is the sole responsibility of the owner, architect, and/or builder to select the correct products and ensure that installation is in compliance with applicable laws, site requirements, and building codes. Failure to follow these recommendations, local requirements, or good building practices may affect the availability of remedies under Milgard's warranty.

Entry doors of any kind include elements specifically intended to address security and safety concerns. Ensure appropriate glass selection, hardware systems, and presence of security elements (e.g., antilift blocks) are presents on the product before moving forward with installation. Proper assembly and adjustment of security and safety devices must be observed prior to finalizing panel installation.

C700 3 Panel XOO/OOX SGD Field Panel Installation

Step 1: Pre-Assembly Preparation – General Information

- Remove all packaging components from all panels.
- Identify fixed and active panels prior to installation. Identify necessary hardware, and accessories.
- Do not install any panels until proper assembly and installation of the frame is confirmed. Reference the latest version of AAMA 2400 for new construction installation and AAMA 2410 for replacement installation. More information can be found in Milgard's Technical Resources website.
- For image clarity, all diagrams in this document show parts without weatherstripping. Weatherstripping should be present in all parts as noted in the parts list, page 5.
- Depending on actual configuration ordered, actual door may have opposite handing to all diagrams shown.

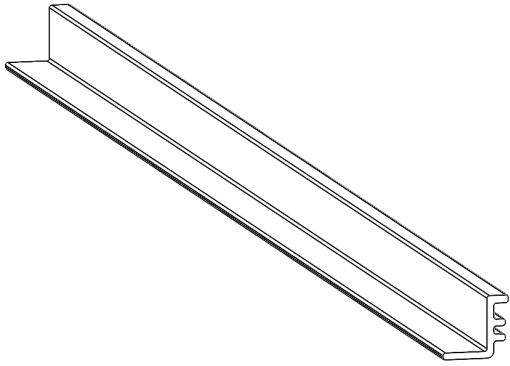
C700 3 Panel XOO/OOX SGD Field Panel Installation

Step 1: Pre-Assembly Preparation – Parts List

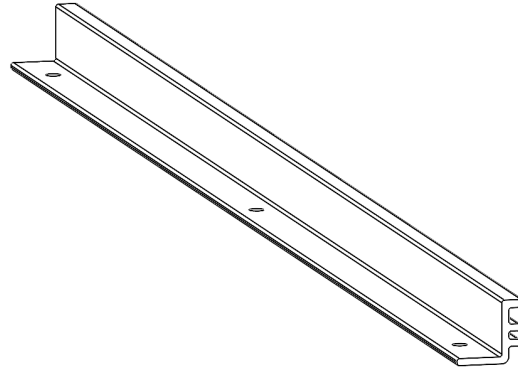
3 PANEL OOX/XOO KD BOM					
ITEM NO.	MILGARD P/N	DESCRIPTION	QTY.	HARDWARE BOX	NOTES
1	PX5016XX	SGD SILL W/ WEATHERSTRIP & WEEP GATES & SILL PANEL JOIN BAR INSERTED	1		-
2	PX5016XX	SGD PASSIVE JAMB W/ WEATHERSTRIP INSERTED	1		-
3	PX5016XX	SGD ACTIVE JAMB W/ WEATHERSTRIP INSERTED	1		-
4	PX5017XX	SGD HEAD W/ WEATHERSTRIP INSERTED	1		-
5	IM3113NC	SILL TO JAMB CORNER KEY	2	X	-
6	IM3114NC	HEAD TO JAMB CORNER KEY RIGHT	1	X	-
7	IM3115NC	HEAD TO JAMB CORNER KEY LEFT	1	X	-
8	FA0315XX	#8x1/2 PH FH SMS	28	X	-
10	VA4610NC	JAMB FIXED PANEL JOIN BAR	1		-
11	EX7312ML	ASTRAGAL LOCK BAR	2	X	-
12	VA4611XX	PANEL ANTI LIFT	2	X	-
13	VA6122ABPXX	DOOR STOP	2	X	-
14	PX5022XX	HEAD COVER	1		-
15	EX7304XX	ROLLER TRACK	1		-
16	EX7305XX	FIXED SILL COVER	1		-
17	EX7307XX	VENT SILL COVER	1		-
18	EX7305XX	FIXED JAMB COVER	1		-
19	EX7307XX	VENT JAMB COVER	1		-
20	FA8210SXX	8Ax1/2" PH FLAT SMS 410 SS SELF DRILL	18	X	-
21	SE8626	RETICULATED FOAM	2	X	-
22	HA4159XX	MORTISE STRIKE	1	X	-
23	FA0305ZP	#8 x 2 1/2 PH PAN HEAD	2	X	-
24	VARIES	SILL PANS	AS RQ'D		-
25	PX5019XX	FIXED PANEL INTERLOCK W/ WEATHERSTRIP INSERTED	1		-
26	PX5019XX	ACTIVE PANEL INTERLOCK W/ WEATHERSTRIP INSERTED	1		-
27	SE0034CL	PECORA SEALANT	4	X	-
28	EX7302XX	STUCCO KEY ACCESSORY 192" SL	AS RQ'D		-
29	EX7303XX	ACCESSORY GROOVE FILLER 192" SL	AS RQ'D		-
28	VA5084AMIWH	NAIL FIN	AS RQ'D		-
29A	HL7210XX	CREST INTERIOR PLATE & PULL HANDLE ASSEMBLY	1	X	IF CUSTOMER CHOOSES CREST HANDLE
29B	HL7209NA	CREST INTERIOR PLATE MOUNT	1	X	
29C	HL7207XX	CREST EXTERIOR PULL HANDLE	1	X	
29D	HL7206XX	CREST LOCK SNIB	1	X	
29E	FA7211ZP	8-32x3/4" PH FH "F" TYPE	2	X	
29F	FA8211SS	8Ax1 3/4" PH FLAT TYPE F	2	X	IF CUSTOMER CHOOSES INVISIO HANDLE
30A	HL4318	INVISIO HANDLE INTERIOR & EXTERIOR MORTISE PLATE KEYED	1	X	
30B	HL4319	INVISIO HANDLE INTERIOR & EXTERIOR MORTISE PLATE NO KEY	1	X	
30C	HL4320	INVISIO HANDLE INTERIOR & EXTERIOR HANDLE PLATE	1	X	

C700 3 Panel XOO/OOX SGD Field Panel Installation

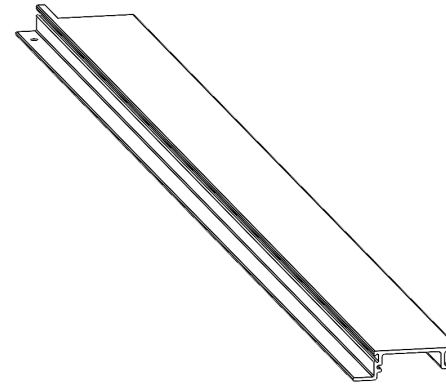
Step 1: Pre-Assembly Preparation – Parts Identification



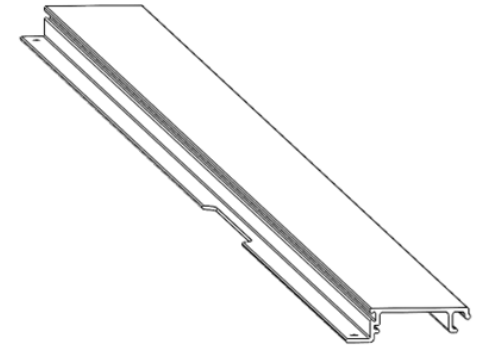
#16: EX7305XX Fixed
Sill Cover
1x



#18: EX7305XX Fixed
Jamb Cover
1x



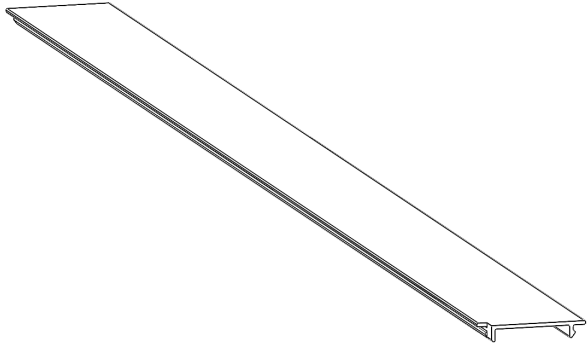
#17: EX7307XX Vent
Sill Cover
1x



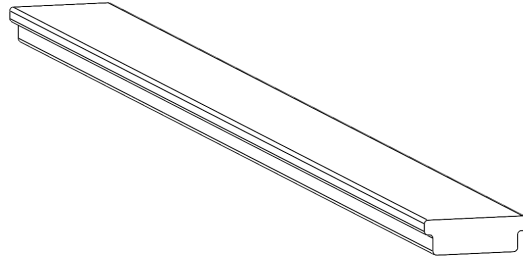
#19: EX7307XX Vent
Jamb Cover
1x

C700 3 Panel XOO/OOX SGD Field Panel Installation

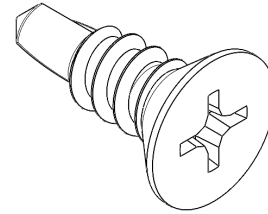
Step 1: Pre-Assembly Preparation – Parts Identification



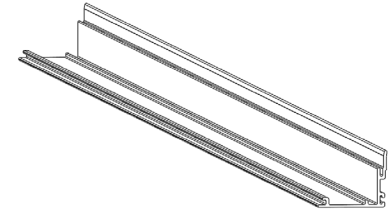
#14: PX5022XX Head Cover
1x



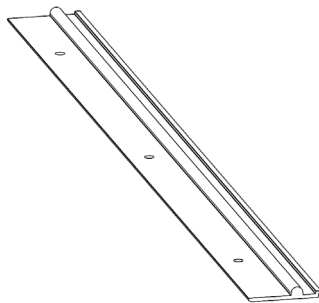
#10: VA4610NC Jamb Fixed
Panel Join Bar
1x



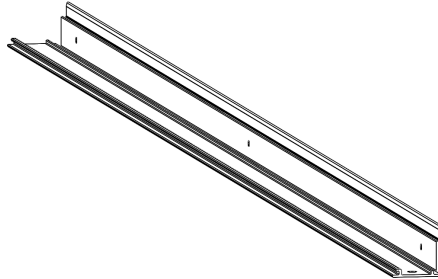
#20: FA8210SSXXSSXX #8 x
1/2 PH FH Self Drilling
18x



#25: PX5019XX Fixed Panel
Interlock 1x



#15: EX7304XX Roller Track
1x



#26: PX5019XX Active Panel
Interlock 1x

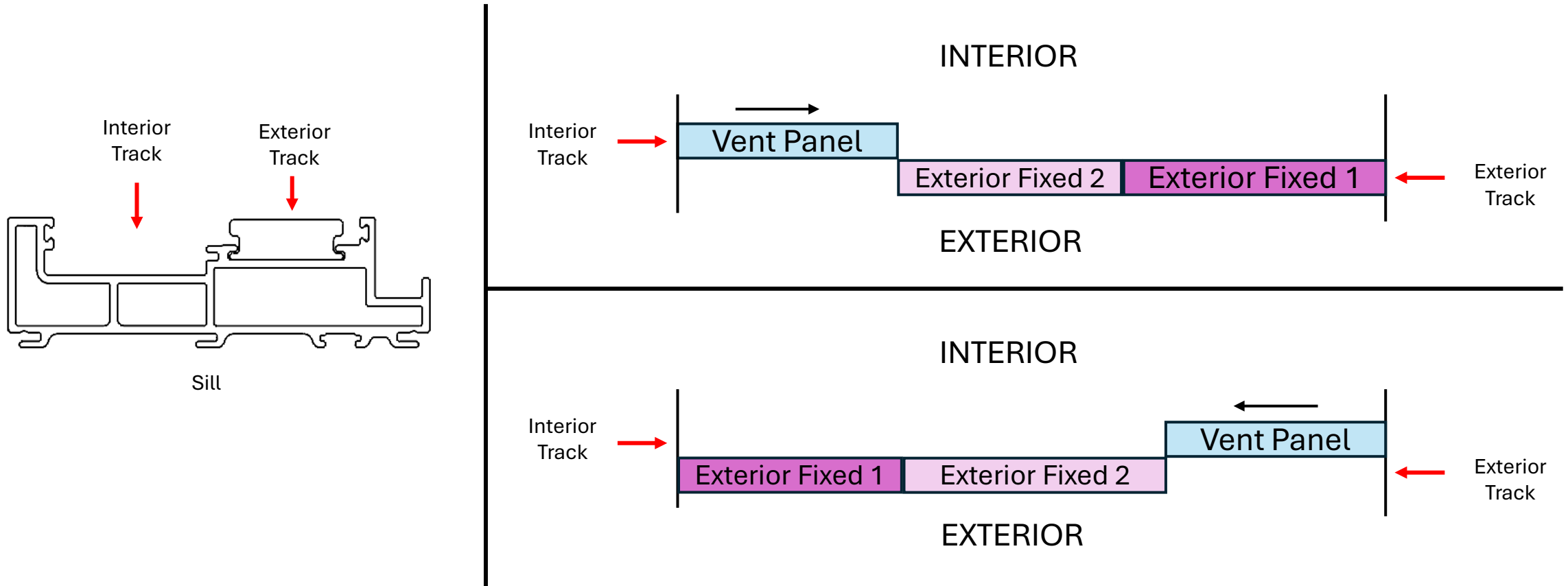


#22: HA4159SS Mortise
Strike 1x

C700 3 Panel XOO/OOX SGD Field Panel Installation

Step 2: Exterior Fixed Panel Installation – Assembly Overview

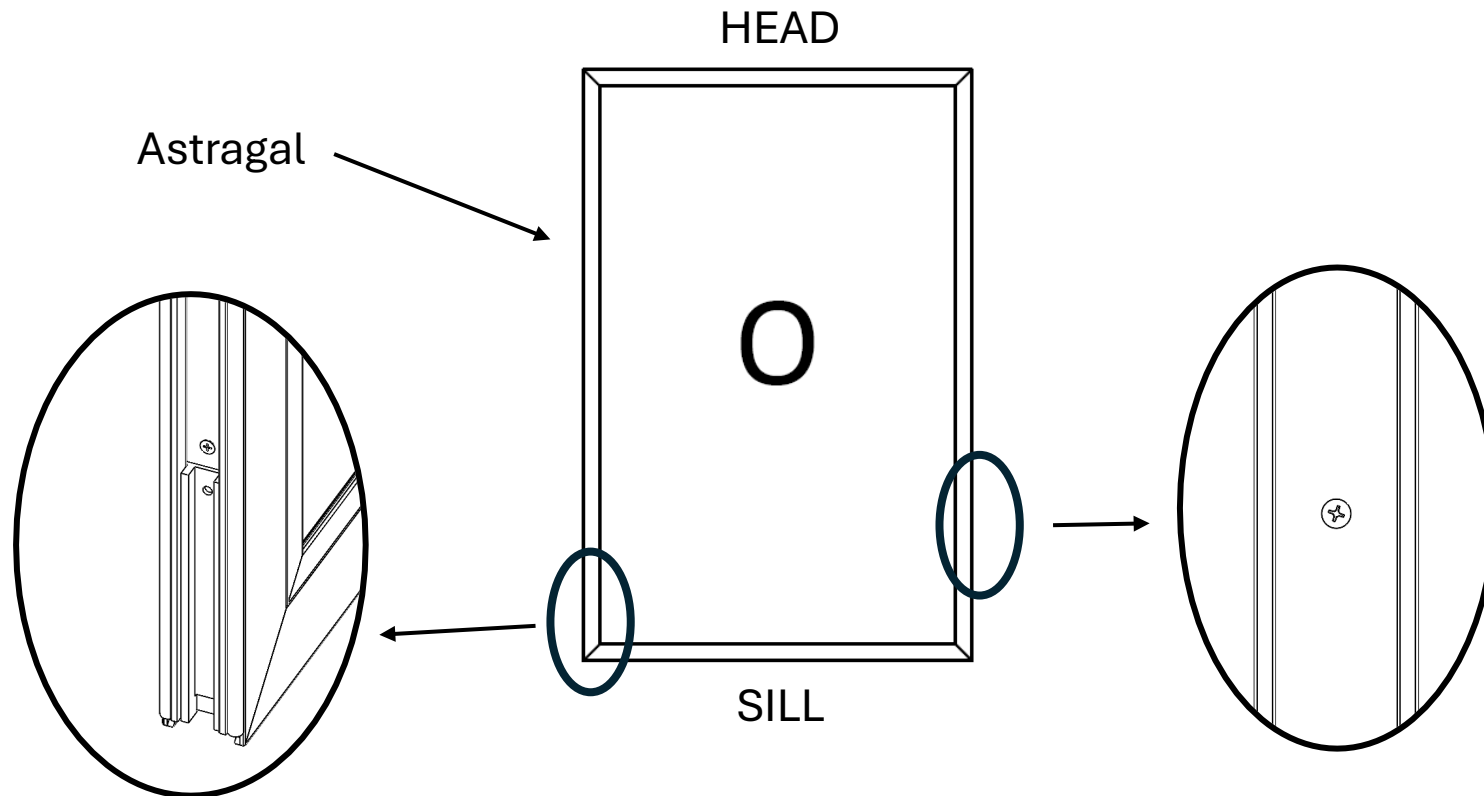
- This door requires 2 Fixed Panels both installed on the exterior track of the sill. Both configurations of this door are shown below.



C700 3 Panel XOO/OOX SGD Field Panel Installation

Step 2: Exterior Fixed Panel 1 Installation

- Locate Fixed Panel 1 to be installed. One side has a screw pre-attached at one rail and the astragal with a lock bar near the sill at the other.



C700 3 Panel XOO/OOX SGD Field Panel Installation

Step 2: Exterior Fixed Panel 1 Installation

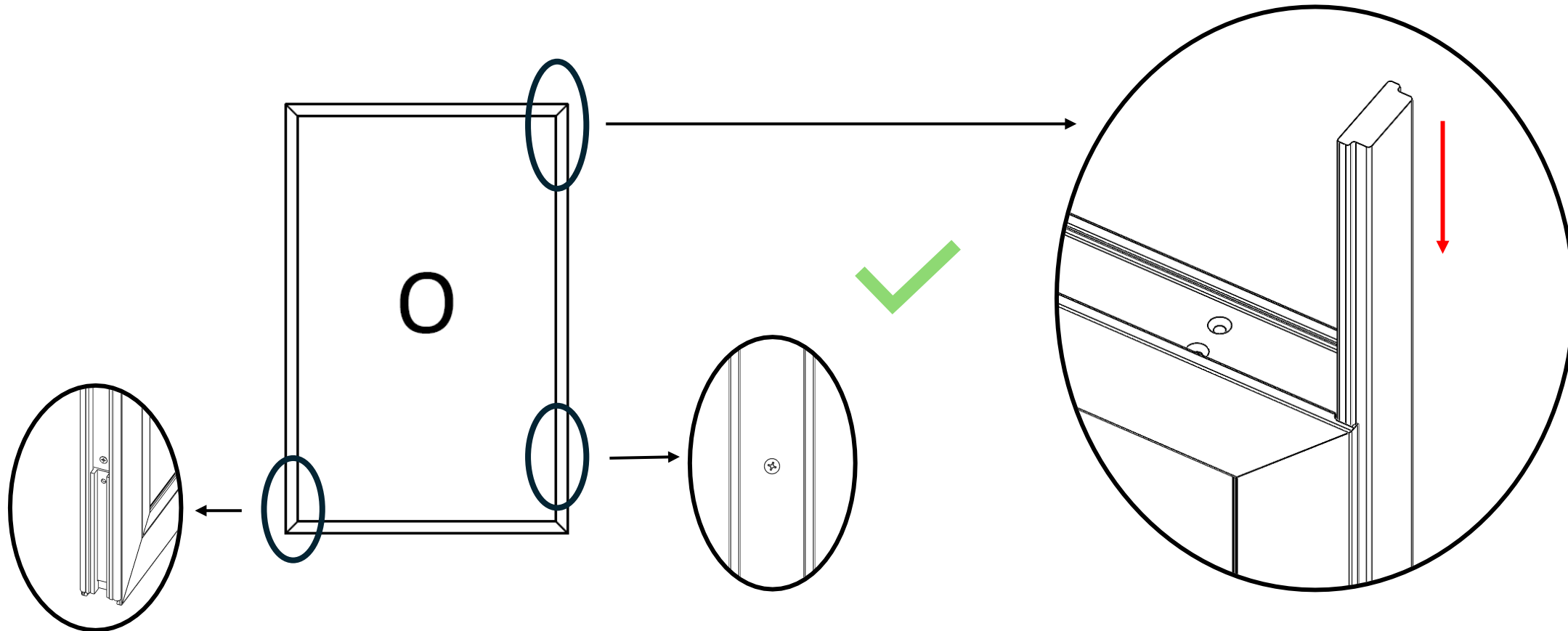
- Locate the Jamb Fixed Panel Join Bar.



C700 3 Panel XOO/OOX SGD Field Panel Installation

Step 2: Exterior Fixed Panel 1 Installation

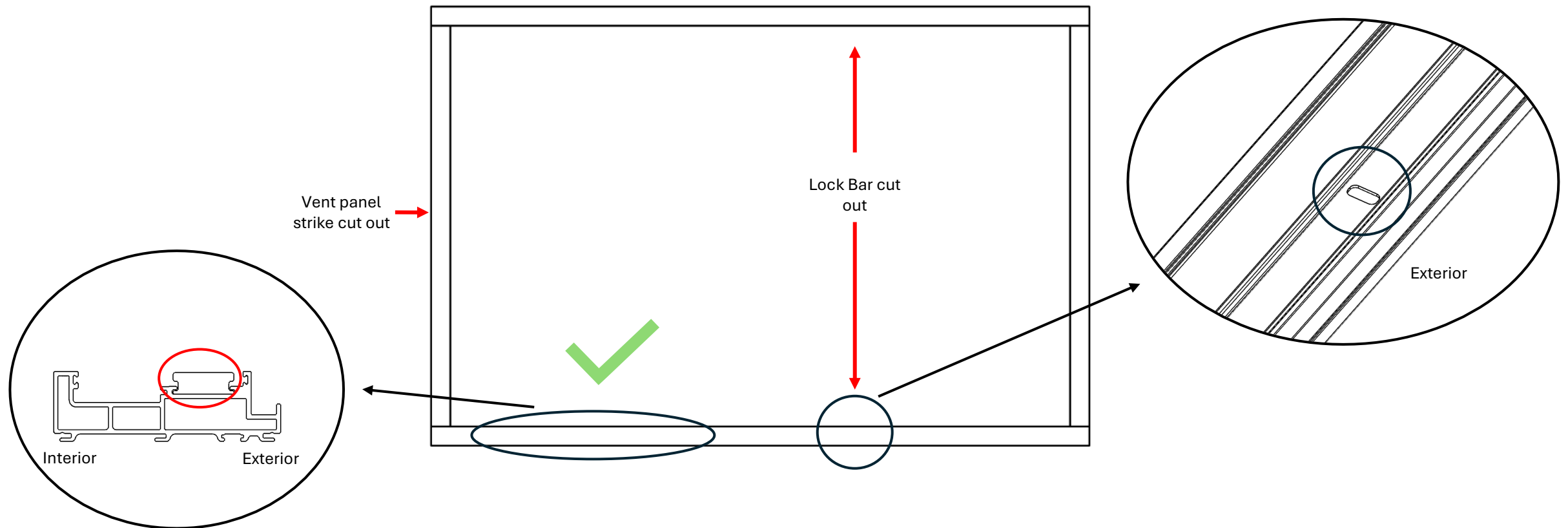
- Slide the Fixed Panel jamb Join Bar into the rail until it stops on the pre-attached screw shown . Location of Fixed Panel jamb Join Bar may be opposite of diagram shown.



C700 3 Panel XOO/OOX SGD Field Panel Installation

Step 2: Exterior Fixed Panel 1 Installation

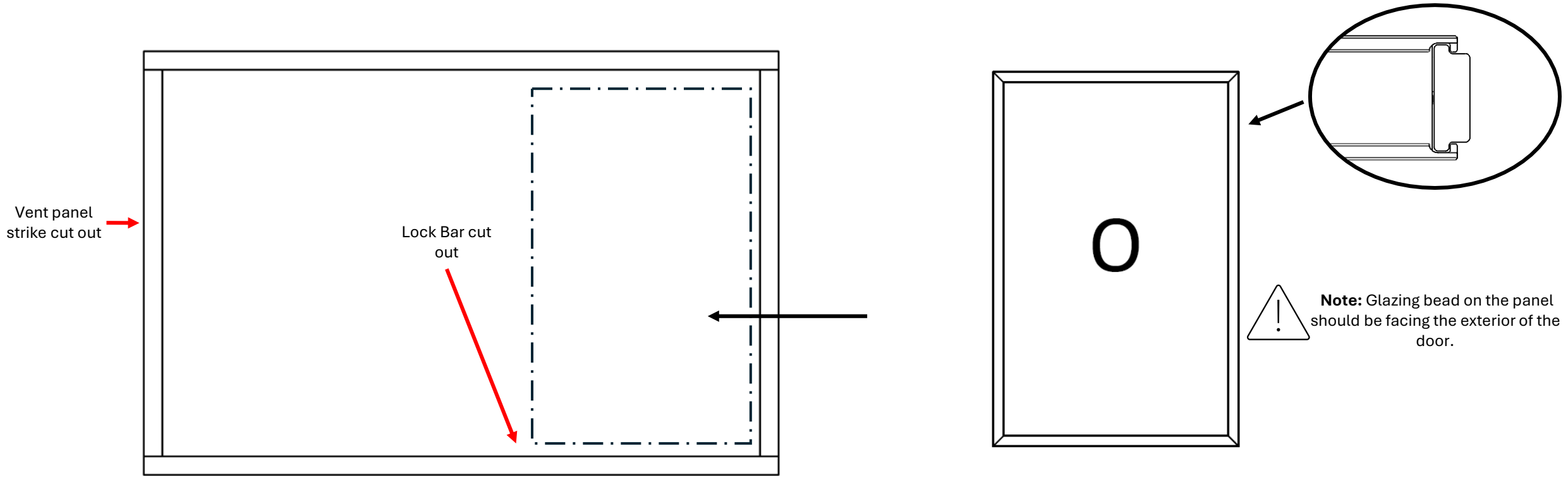
- Slide both pre-attached Fixed Panel sill Join Bars (circled in red) towards the vent panel strike. The lock bar cut out is located on the exterior track of the sill. The Fixed Panel will install into the exterior track.



C700 3 Panel XOO/OOX SGD Field Panel Installation

Step 2: Exterior Fixed Panel 1 Installation

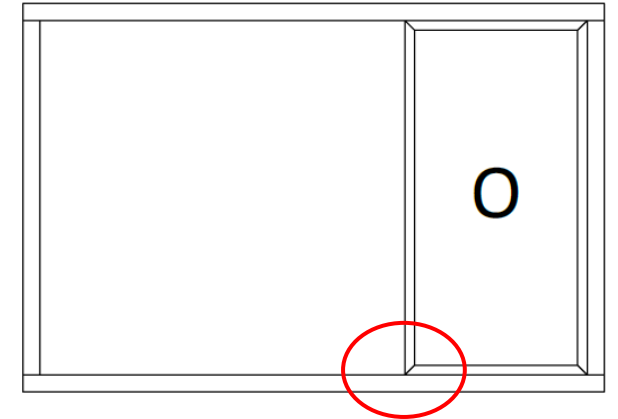
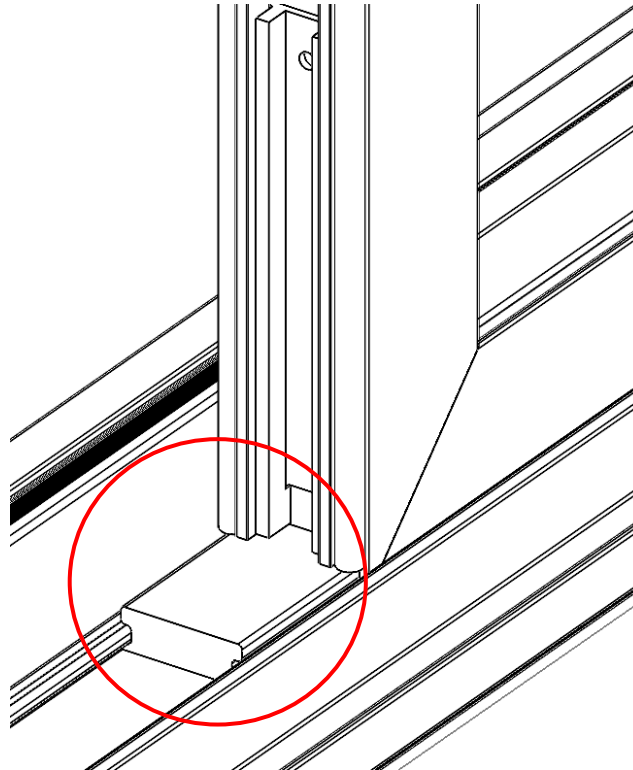
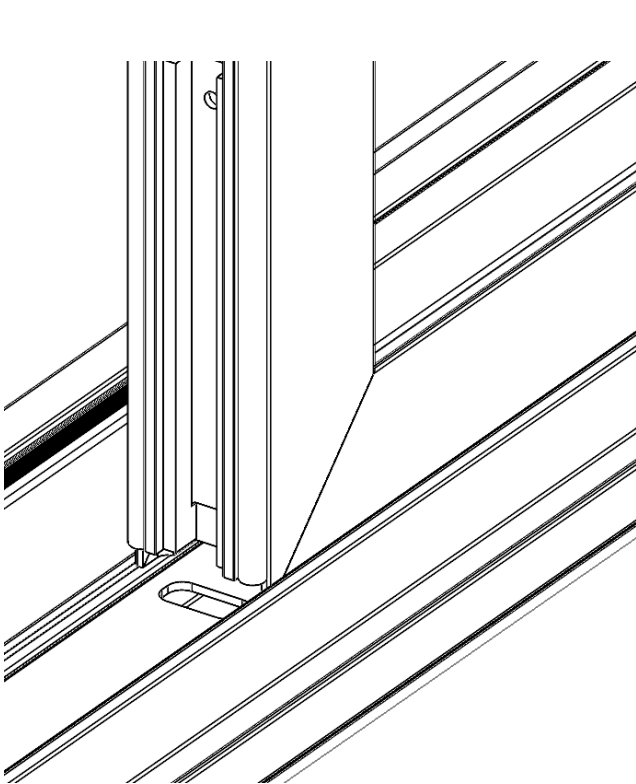
- The exterior Fixed Panel is to be installed opposite of the vent panel strike. Fixed Panel jamb Join Bar should be oriented to face the frame jamb and the astragal should face the center of the frame. Install Fixed Panel by pushing it diagonally into the head cavity first then lowering it onto the sill from the exterior.



C700 3 Panel XOO/OOX SGD Field Panel Installation

Step 2: Exterior Fixed Panel 1 Installation

- Slide 1 Fixed Panel sill Join Bar under the exterior Fixed Panel 1 until it is fully inserted. The sill panel Join Bar should be completely underneath the Fixed Panel and should not be visible once inserted. The remaining sill panel Join Bar is for the second Fixed Panel.

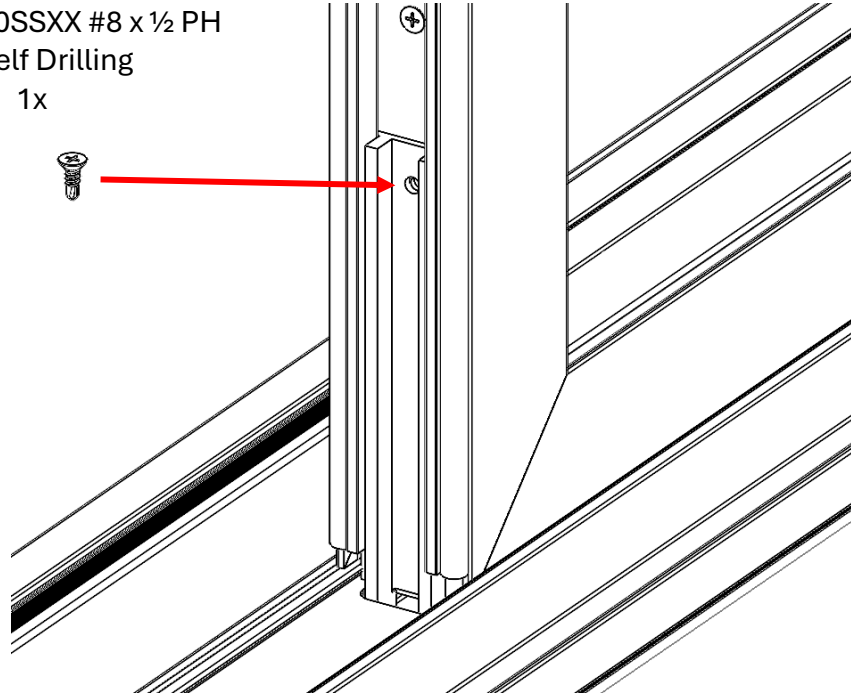


C700 3 Panel XOO/OOX SGD Field Panel Installation

Step 2: Exterior Fixed Panel 1 Installation

- Slide the lock bar into the lock bar cut out on the frame sill until the hole on the lock bar aligns with the hole on the astragal. Fasten as shown below on both the head and the sill. Use a plastic mallet as necessary to slide the lock bar.

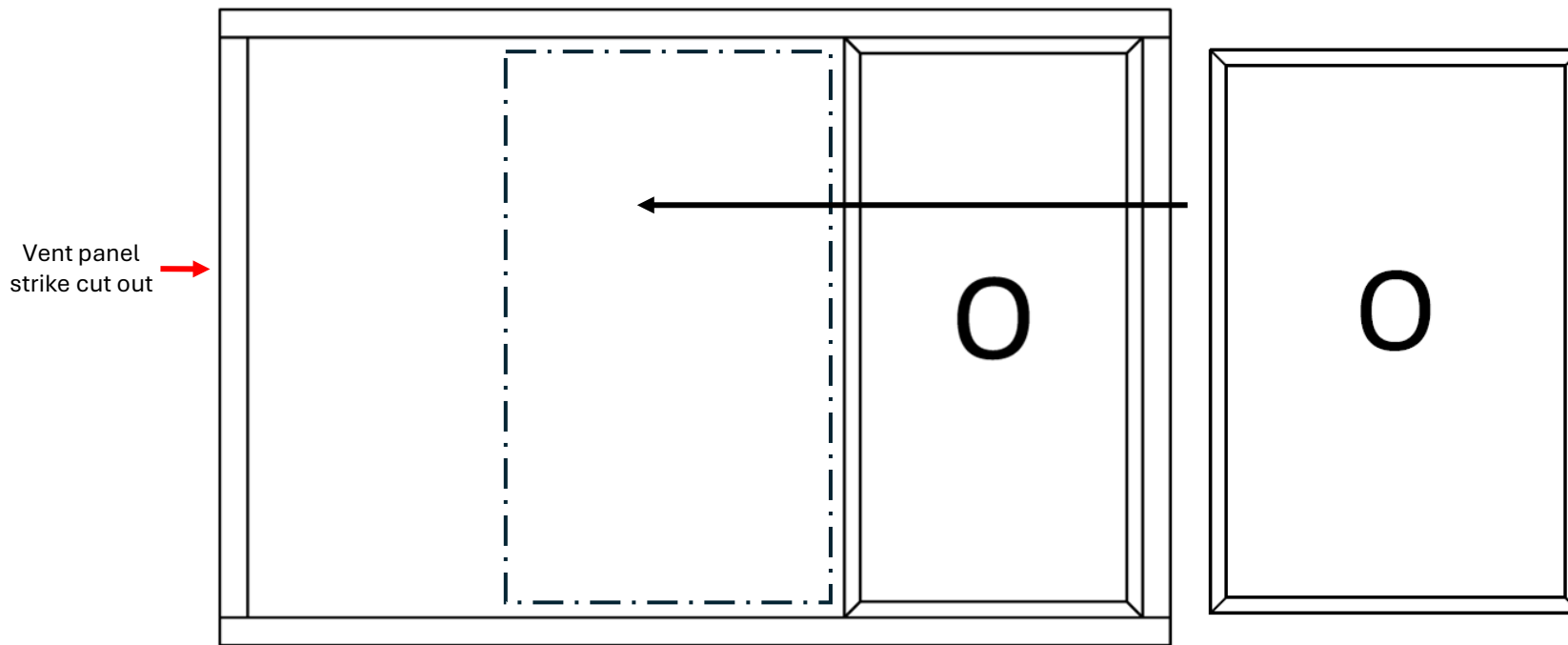
#20: FA8210SSXX #8 x 1/2 PH
FH Self Drilling
1x



C700 3 Panel XOO/OOX SGD Field Panel Installation

Step 3: Exterior Fixed Panel 2 Installation

- Install the exterior Fixed Panel 2 as shown. Push the exterior Fixed Panel 2 against exterior Fixed Panel 1 such that they are flush with each other.

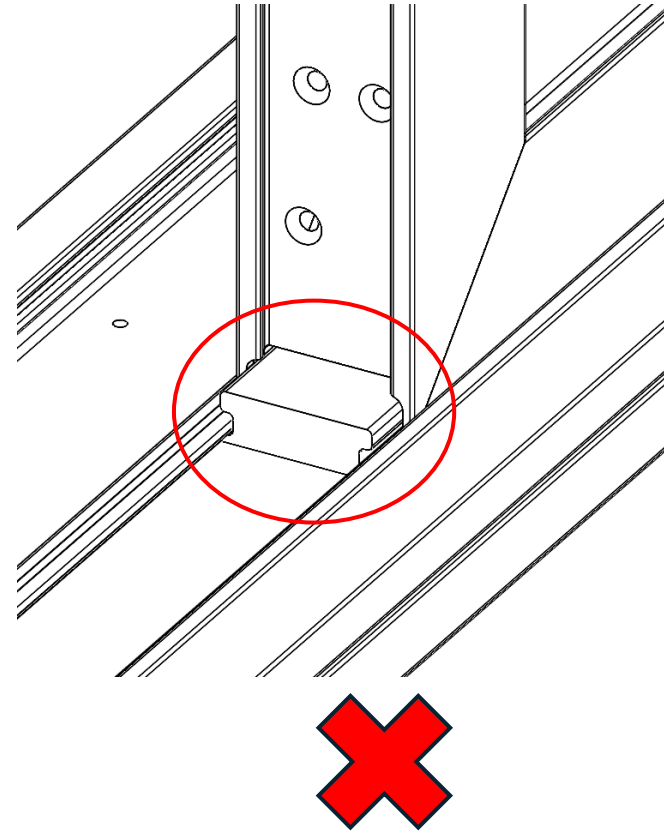
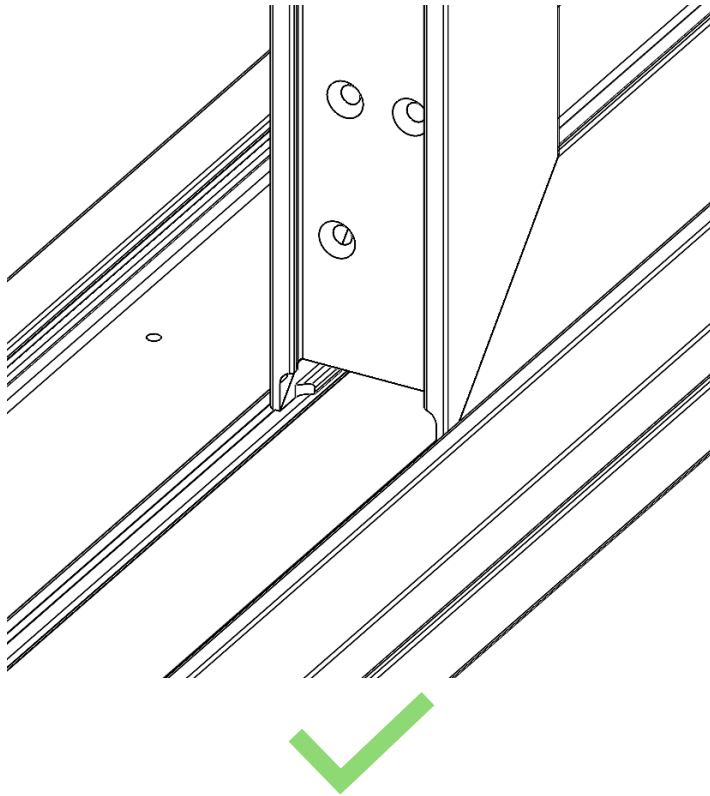


Note: Glazing bead on the panel should be facing the exterior of the door.

C700 3 Panel XOO/OOX SGD Field Panel Installation

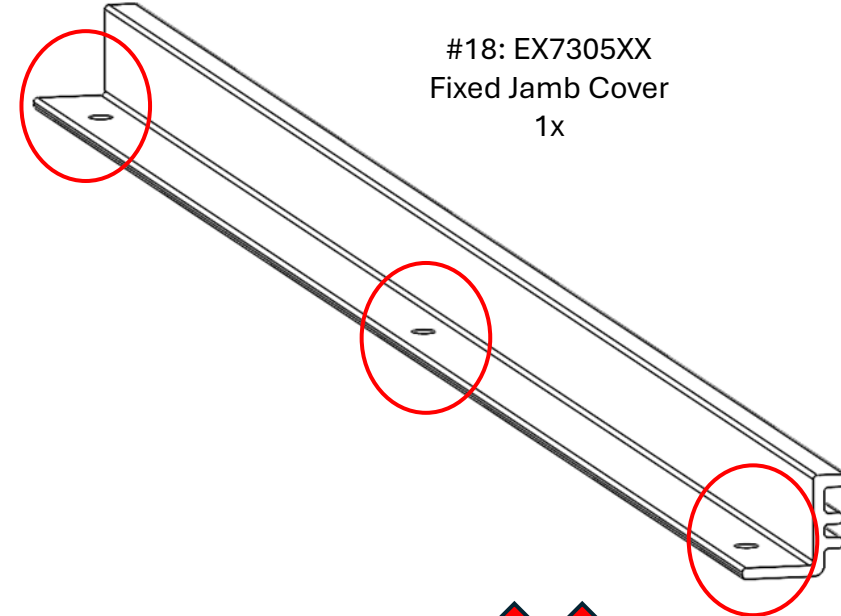
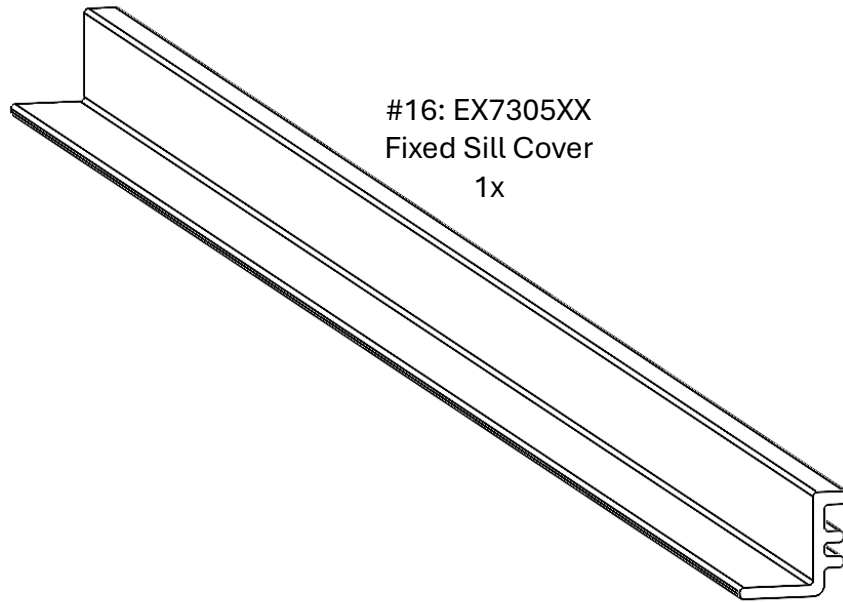
Step 3: Exterior Fixed Panel 2 Installation

- Slide the remaining Fixed Panel sill Join Bar under the Fixed Panel until it is fully inserted. The sill panel Join Bar should be completely underneath the Fixed Panel and should not be visible once inserted.



C700 3 Panel XOO/OOX SGD Field Panel Installation

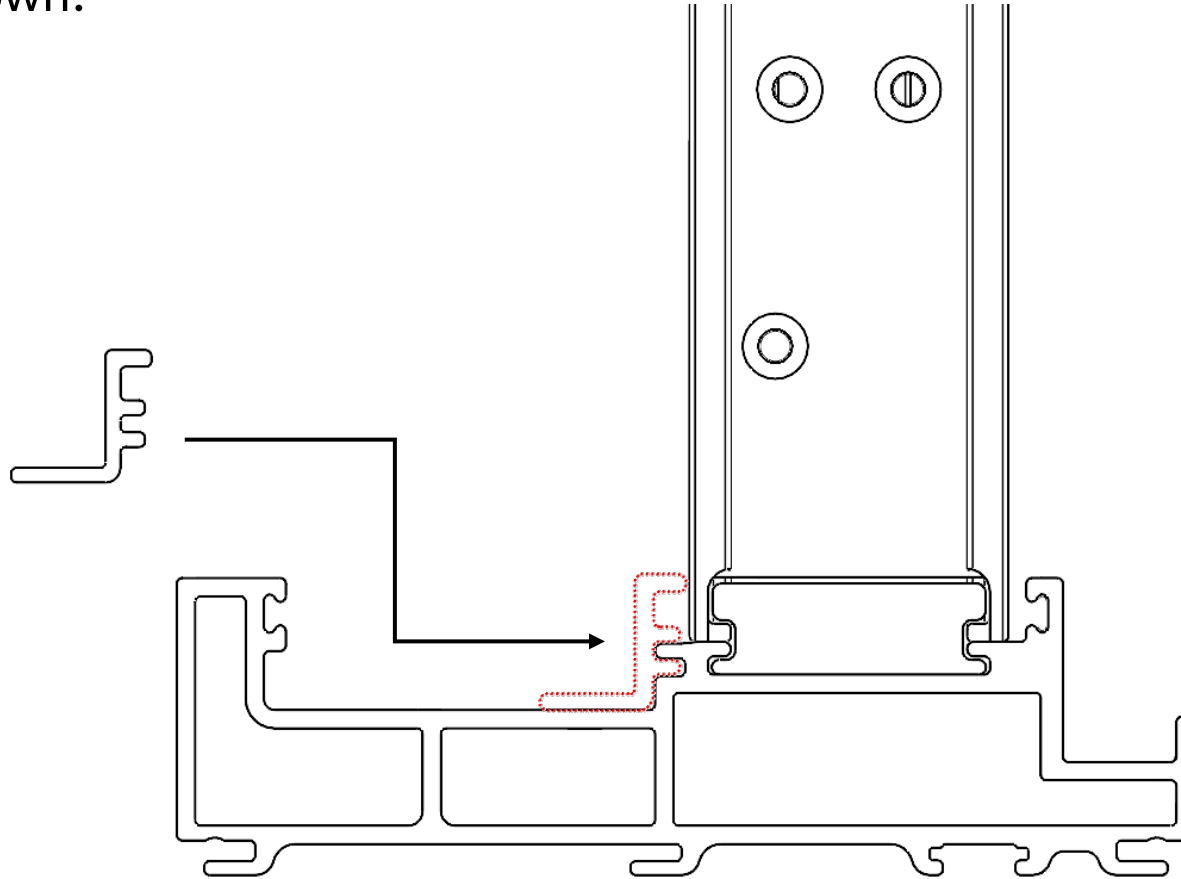
Step 4: Fixed Sill Cover Installation – Part Identification



C700 3 Panel XOO/OOX SGD Field Panel Installation

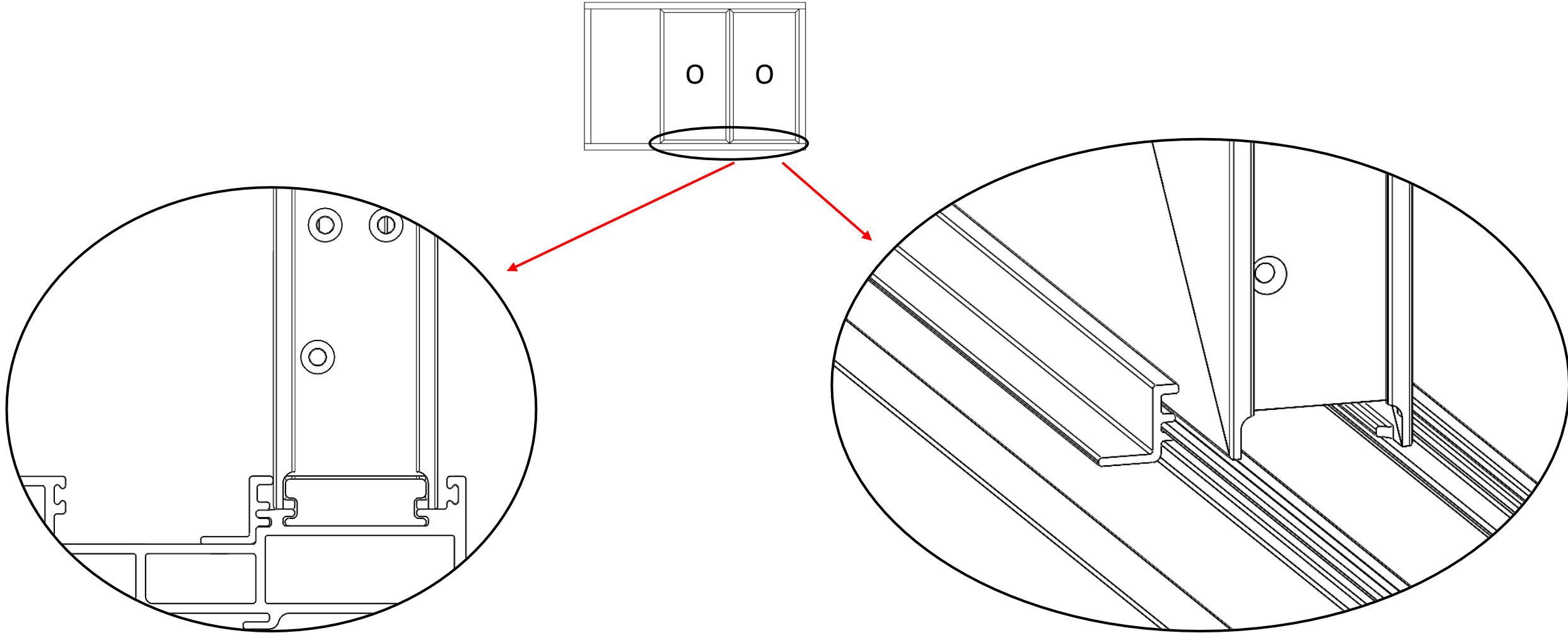
Step 4: Fixed Sill Cover Installation

- Attach trim piece as shown.



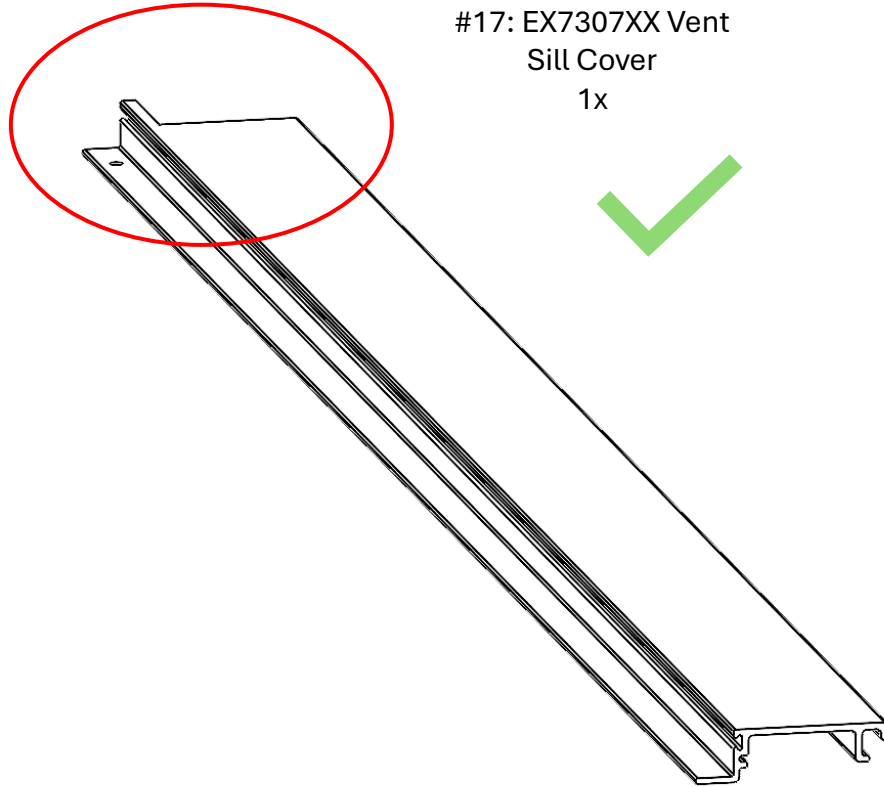
C700 3 Panel XOO/OOX SGD Field Panel Installation

Step 4: Fixed Sill Cover Installation

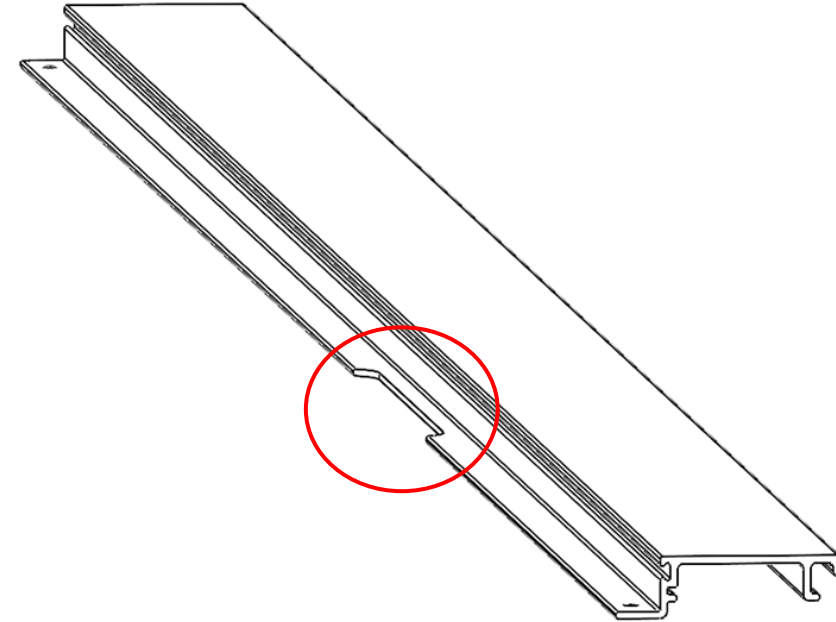


C700 3 Panel XOO/OOX SGD Field Panel Installation

Step 5: Vent Sill Cover Installation – Part Identification



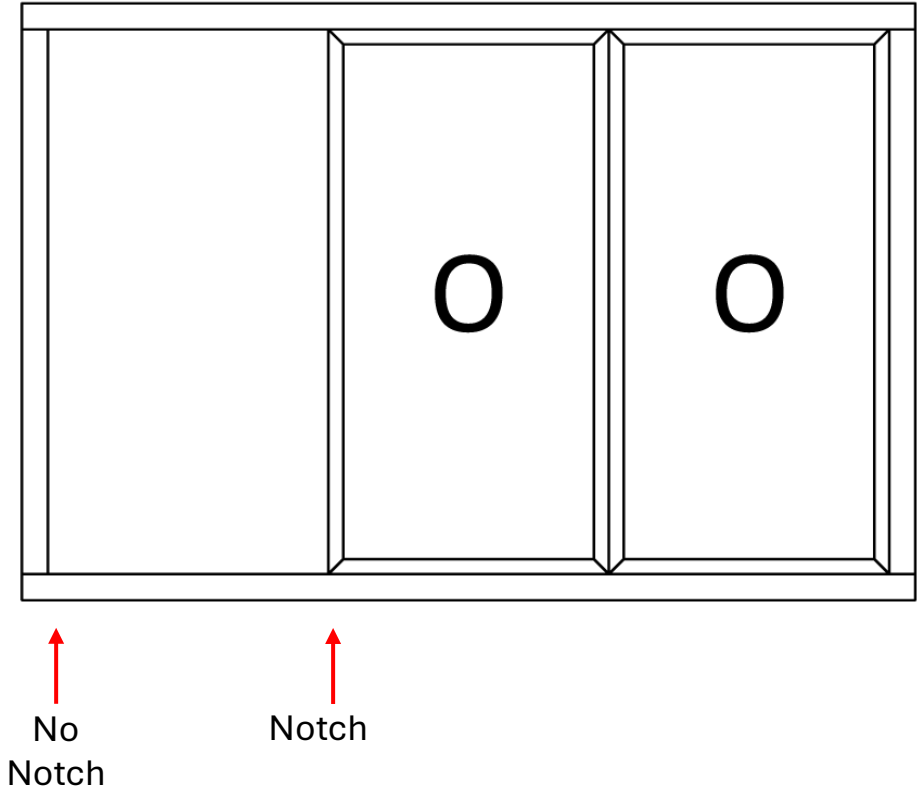
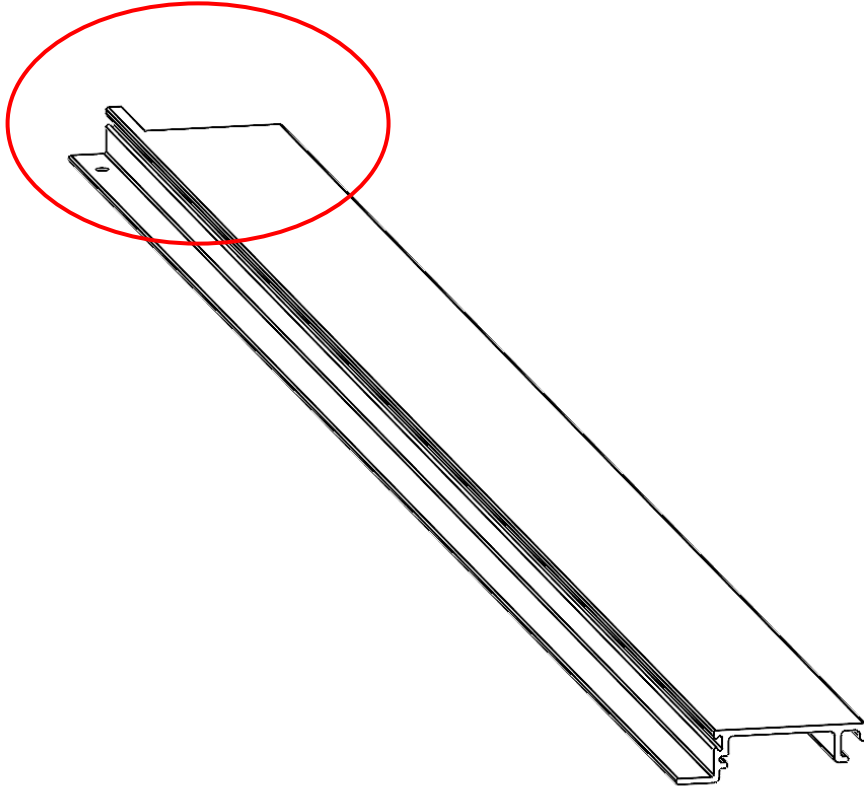
#17: EX7307XX Vent
Sill Cover
1x



#19: EX7307XX Vent
Jamb Cover
1x

C700 3 Panel XOO/OOX SGD Field Panel Installation

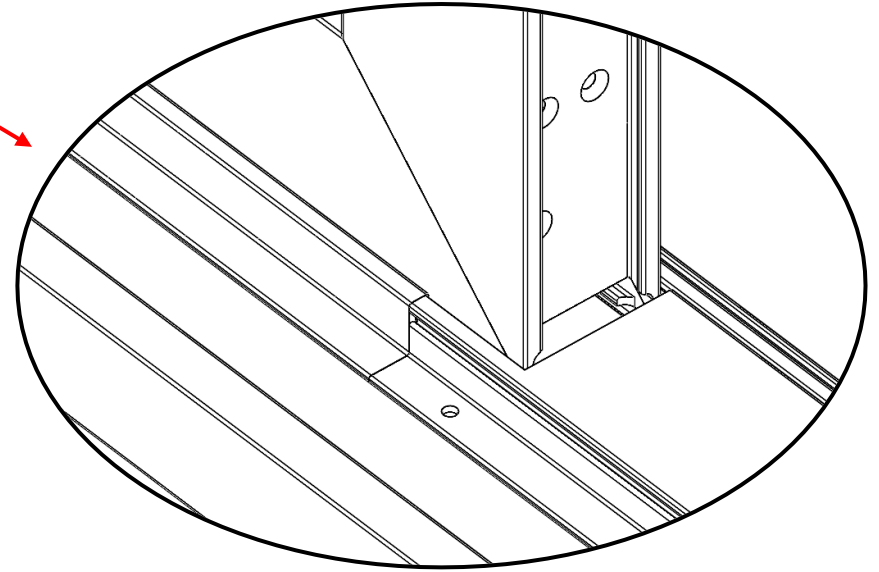
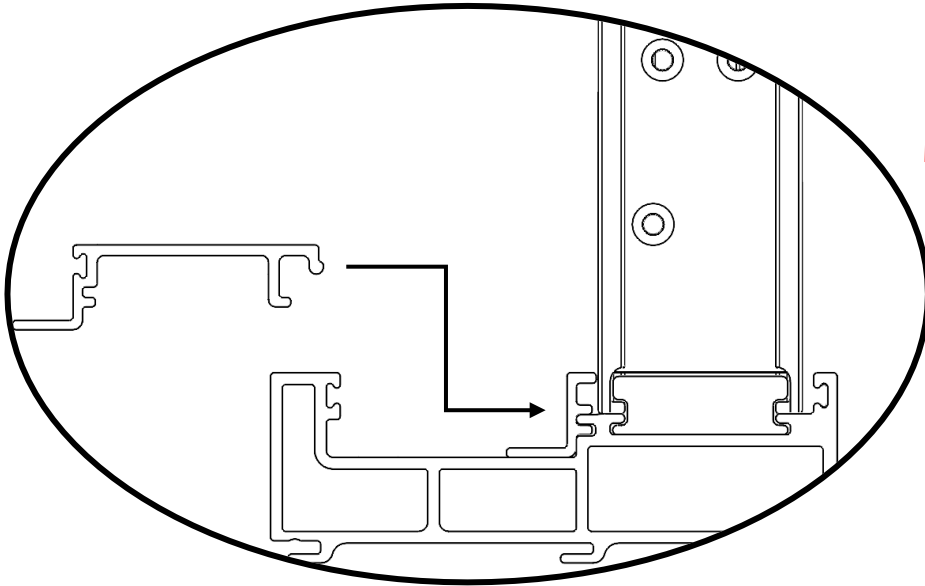
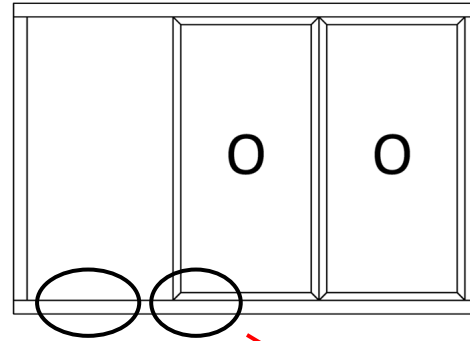
Step 5: Vent Sill Cover Installation



C700 3 Panel XOO/OOX SGD Field Panel Installation

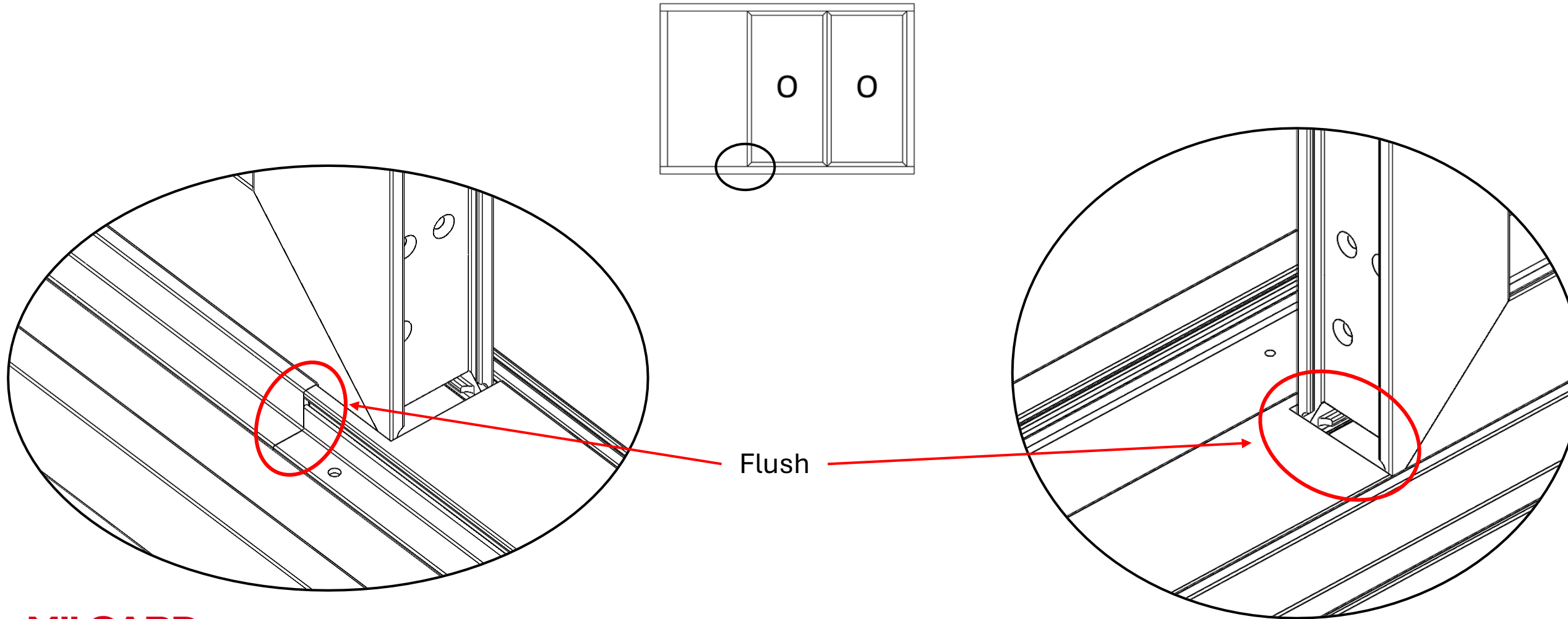
Step 5: Vent Sill Cover Installation

- Attach trim piece as shown. The side with the notch back should face the Fixed Panel.



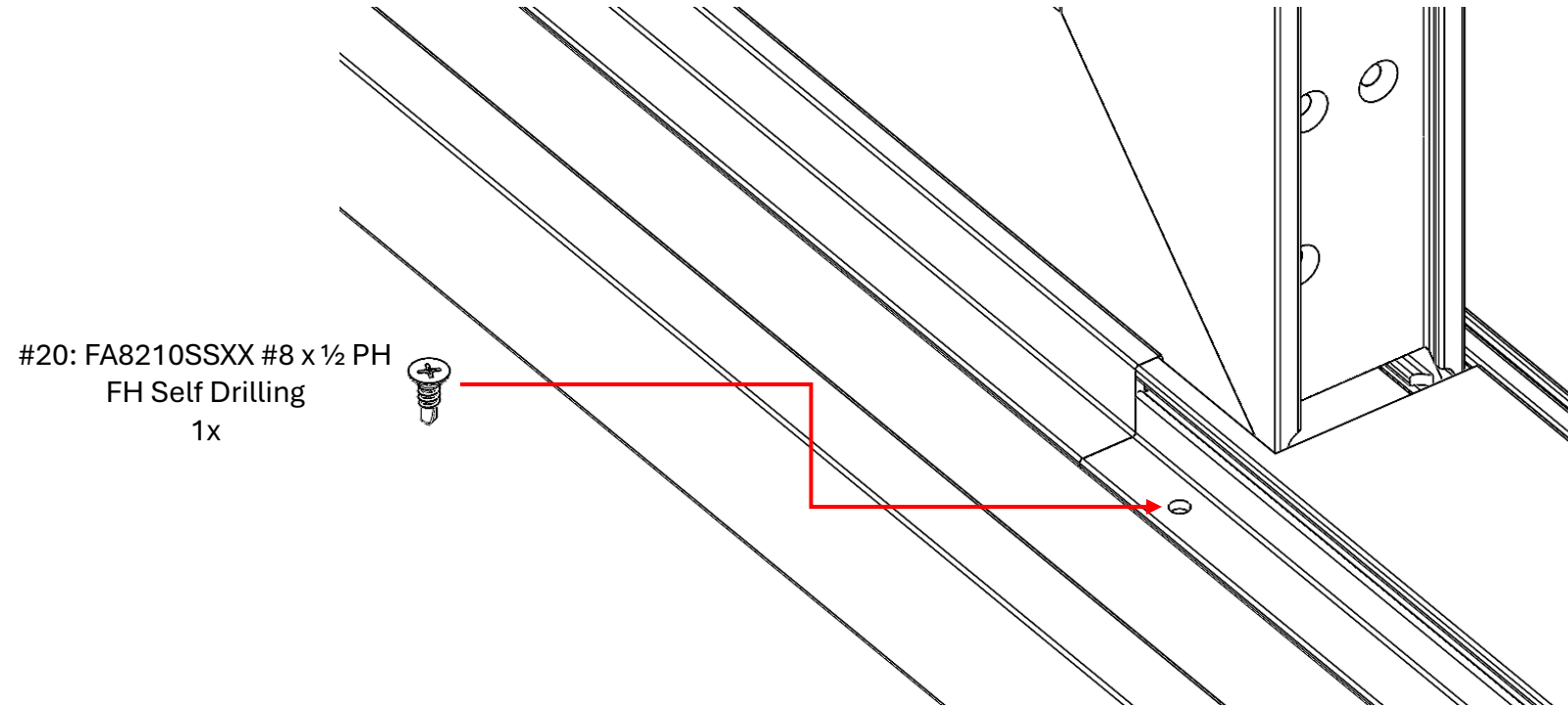
C700 3 Panel XOO/OOX SGD Field Panel Installation

Step 5: Vent Sill Cover Installation



C700 3 Panel XOO/OOX SGD Field Panel Installation

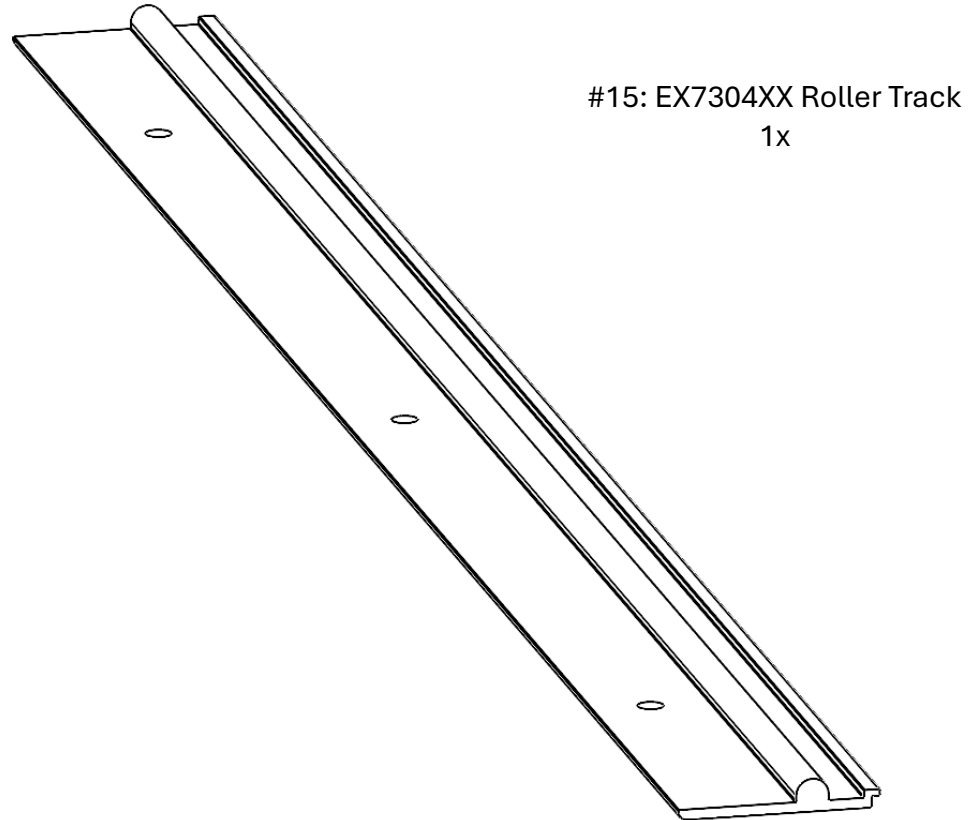
Step 5: Vent Sill Cover Installation



C700 3 Panel XOO/OOX SGD Field Panel Installation

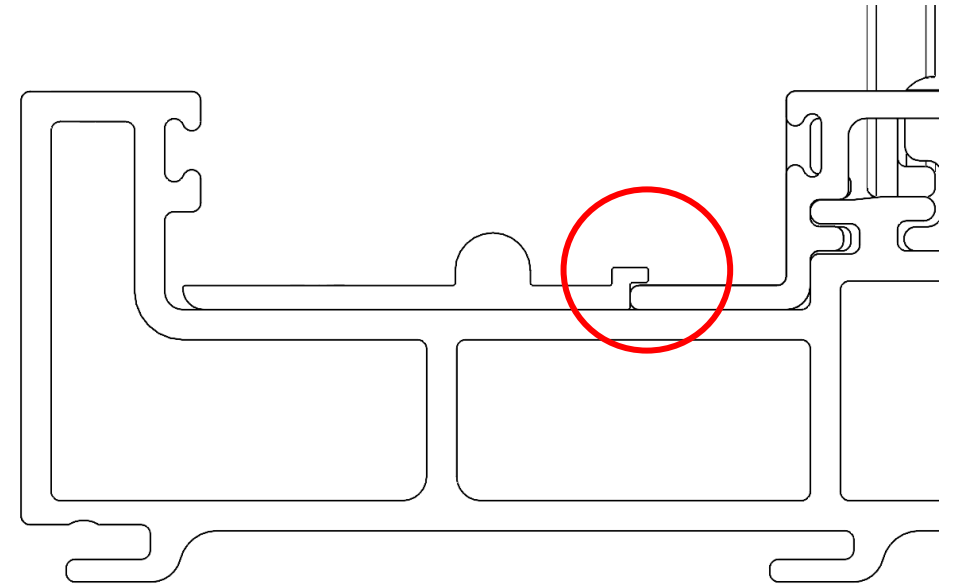
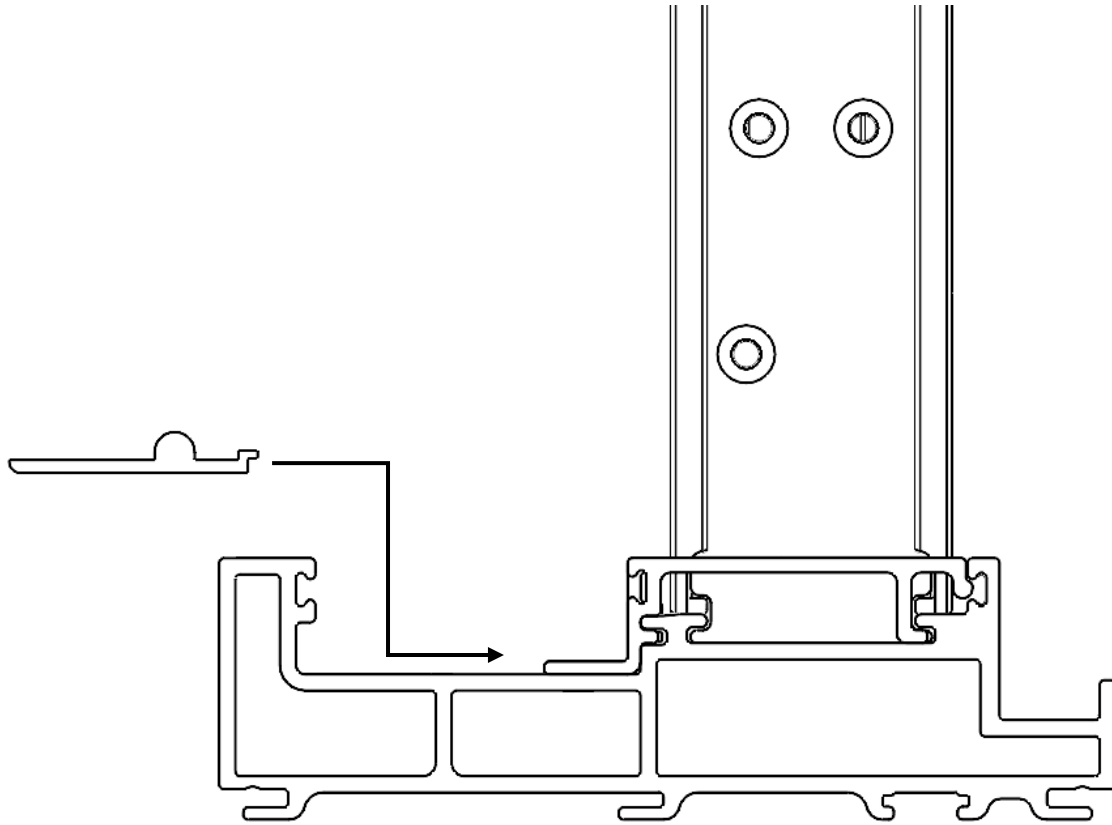
Step 6: Roller Track Installation – Part Identification

- Locate the Roller track for installation.



C700 3 Panel XOO/OOX SGD Field Panel Installation

Step 6: Roller Track Installation

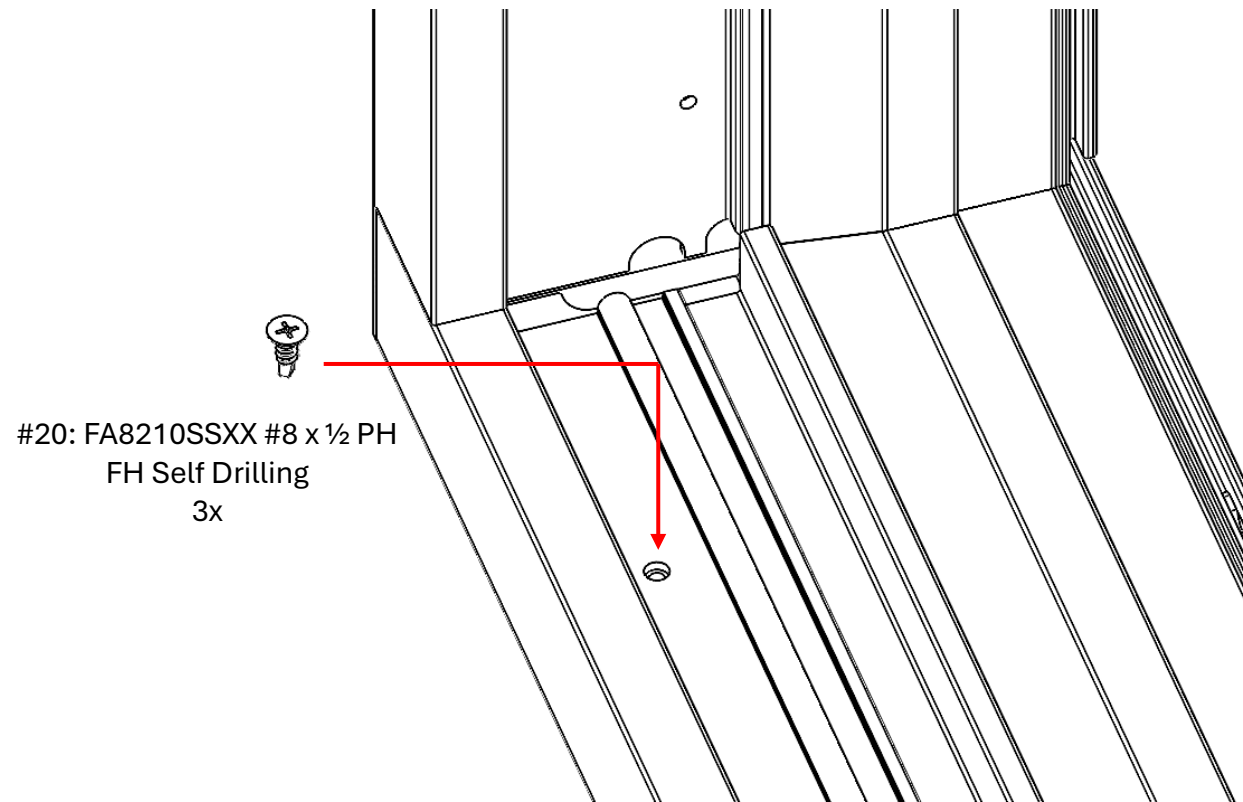


Note: Diagram for 1 roller track shown. Both roller tracks for this door must be installed as shown.

C700 3 Panel XOO/OOX SGD Field Panel Installation

Step 6: Roller Track Installation

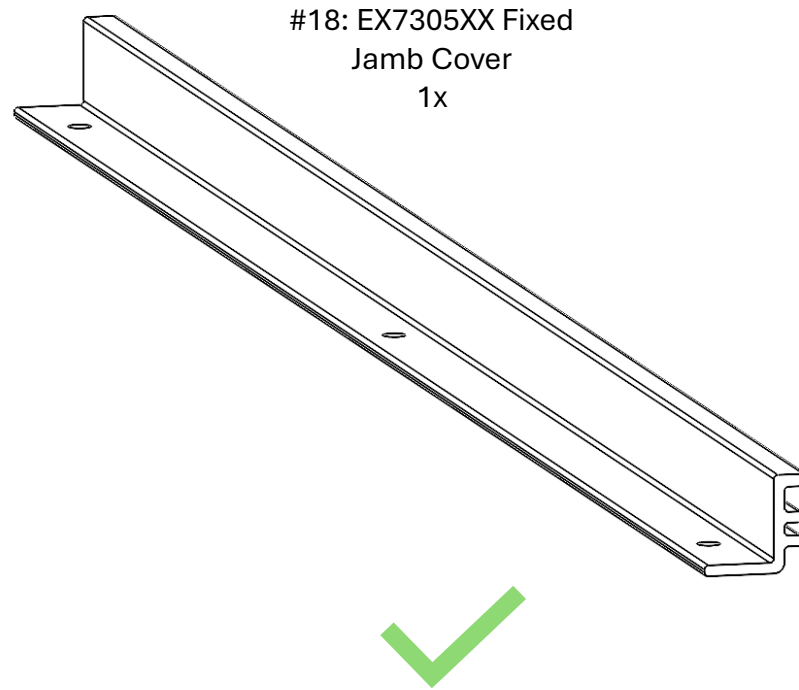
- Align the pre-punched holes on the ends of each roller track with the pre-punched holes on the ends of the frame sill.



Note: Diagram for 1 side shown. All pre-punched holes on this piece must be fastened to the sill. Drill pilot holes as necessary for middle roller track hole(s).

C700 3 Panel XOO/OOX SGD Field Panel Installation

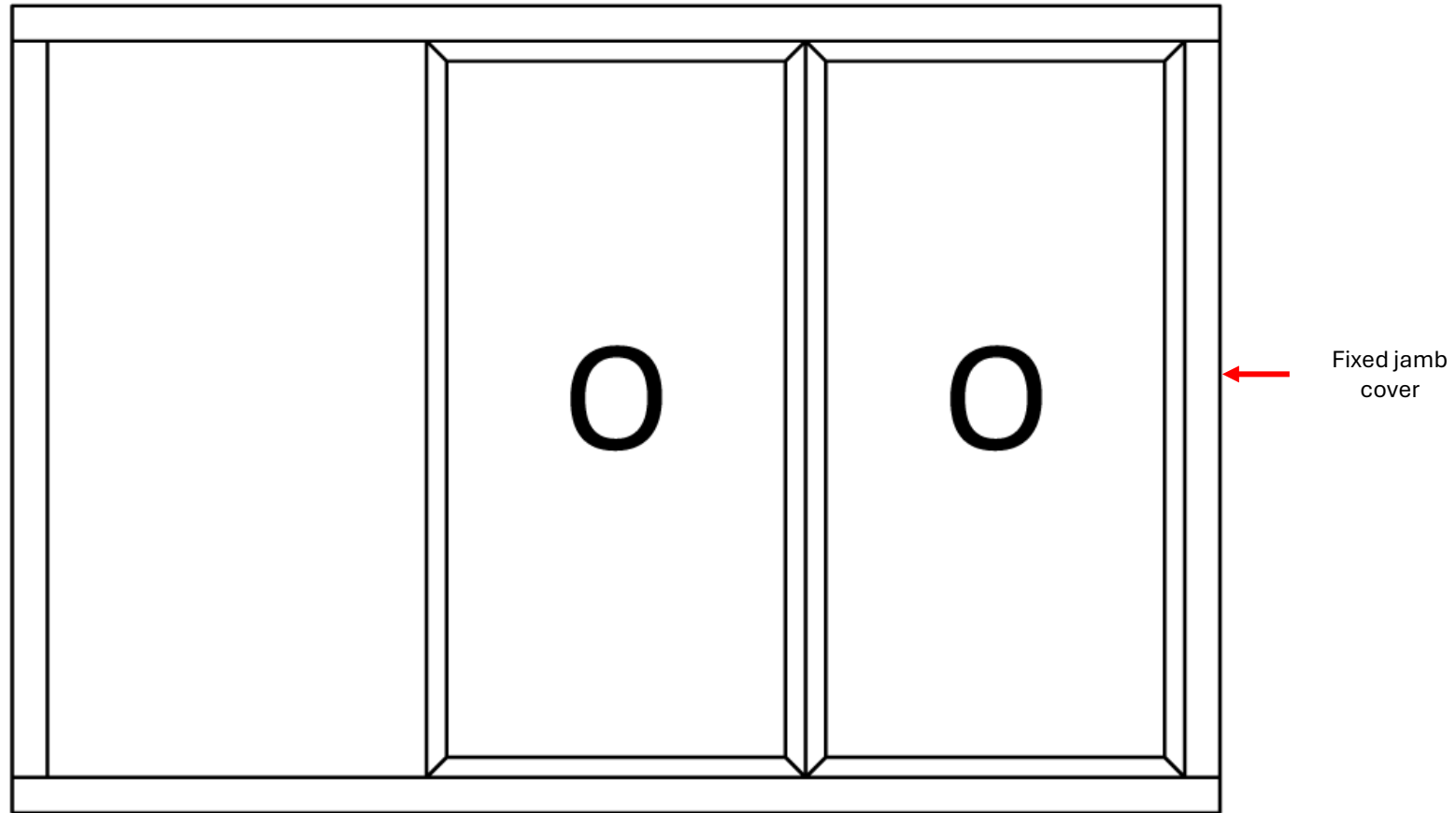
Step 7: Fixed Jamb Cover Installation – Part Identification



C700 3 Panel XOO/OOX SGD Field Panel Installation

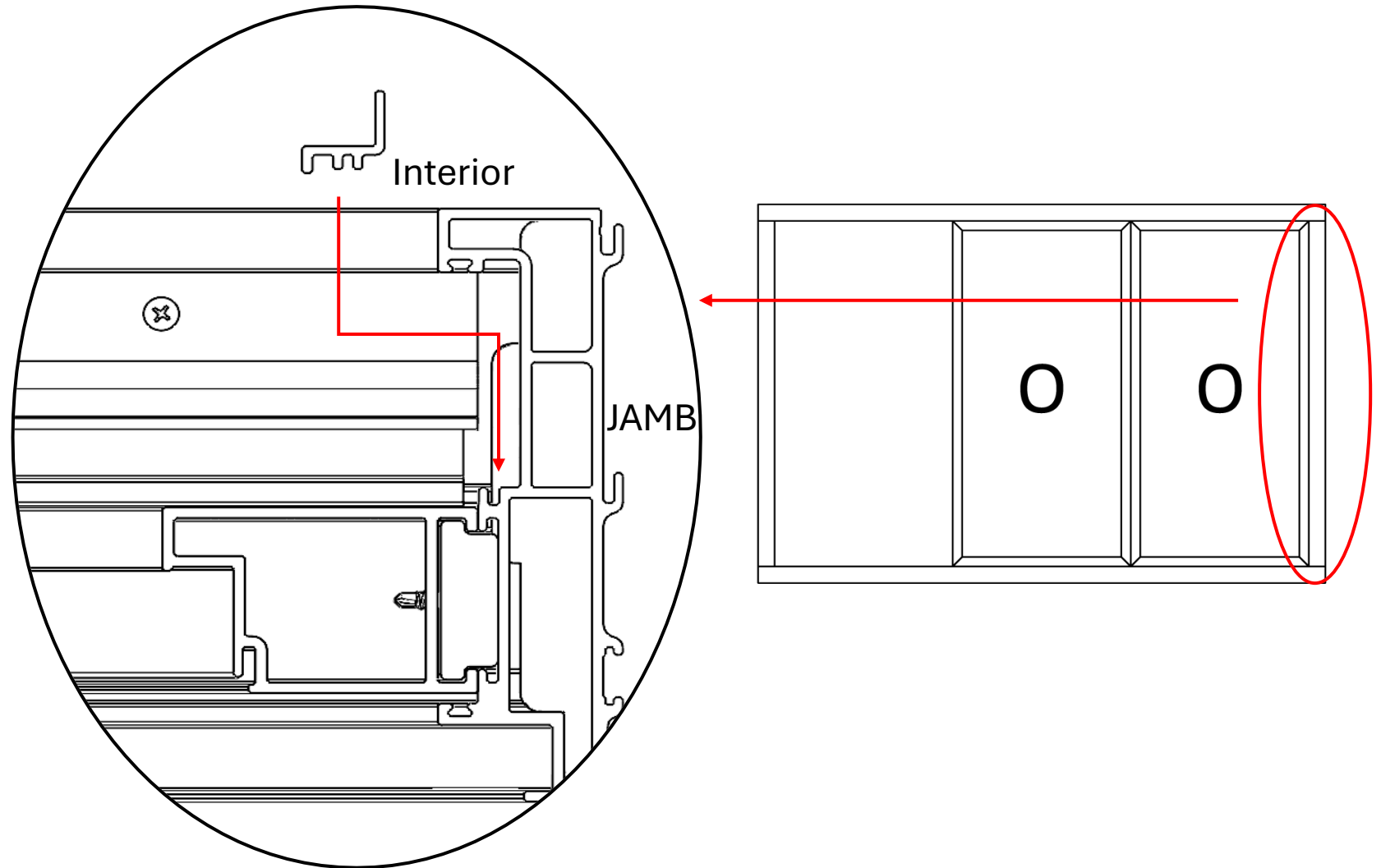
Step 7: Fixed Jamb Cover Installation

-This piece will attach to the frame jamb on the same side as the exterior Fixed Panel.



C700 3 Panel XOO/OOX SGD Field Panel Installation

Step 7: Fixed Jamb Cover Installation

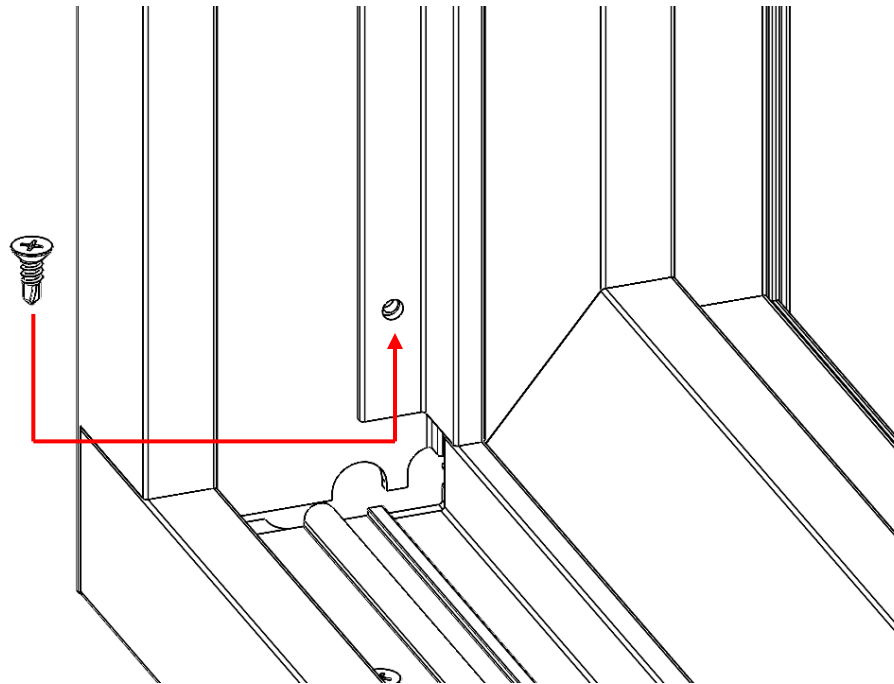


C700 3 Panel XOO/OOX SGD Field Panel Installation

Step 7: Fixed Jamb Cover Installation

- Align the pre-punched holes on the fixed jamb cover with the pre-punched holes on the frame jamb.

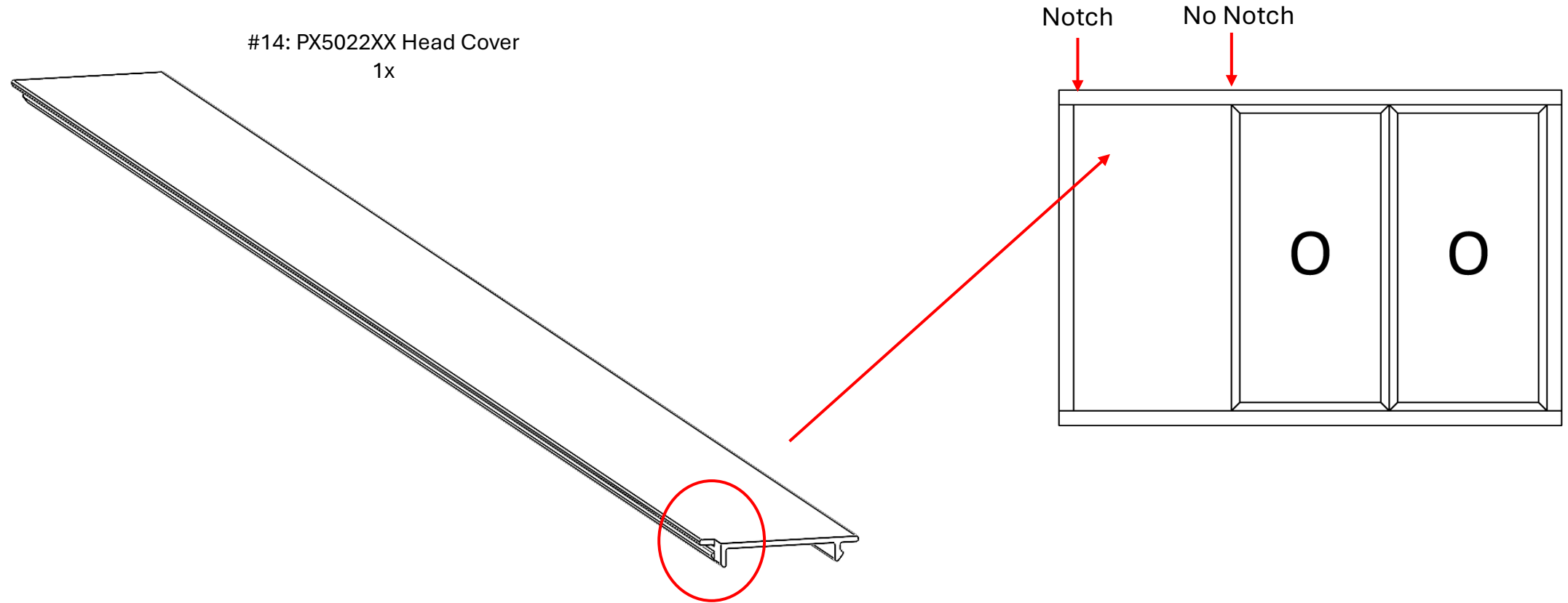
#20: FA8210SSXX #8 x ½ PH
FH Self Drilling
3x



Note: Diagram for 1 side shown. All pre-punched holes on this piece must be fastened to the jamb. Drill pilot holes as necessary for middle fixed jamb cover hole.

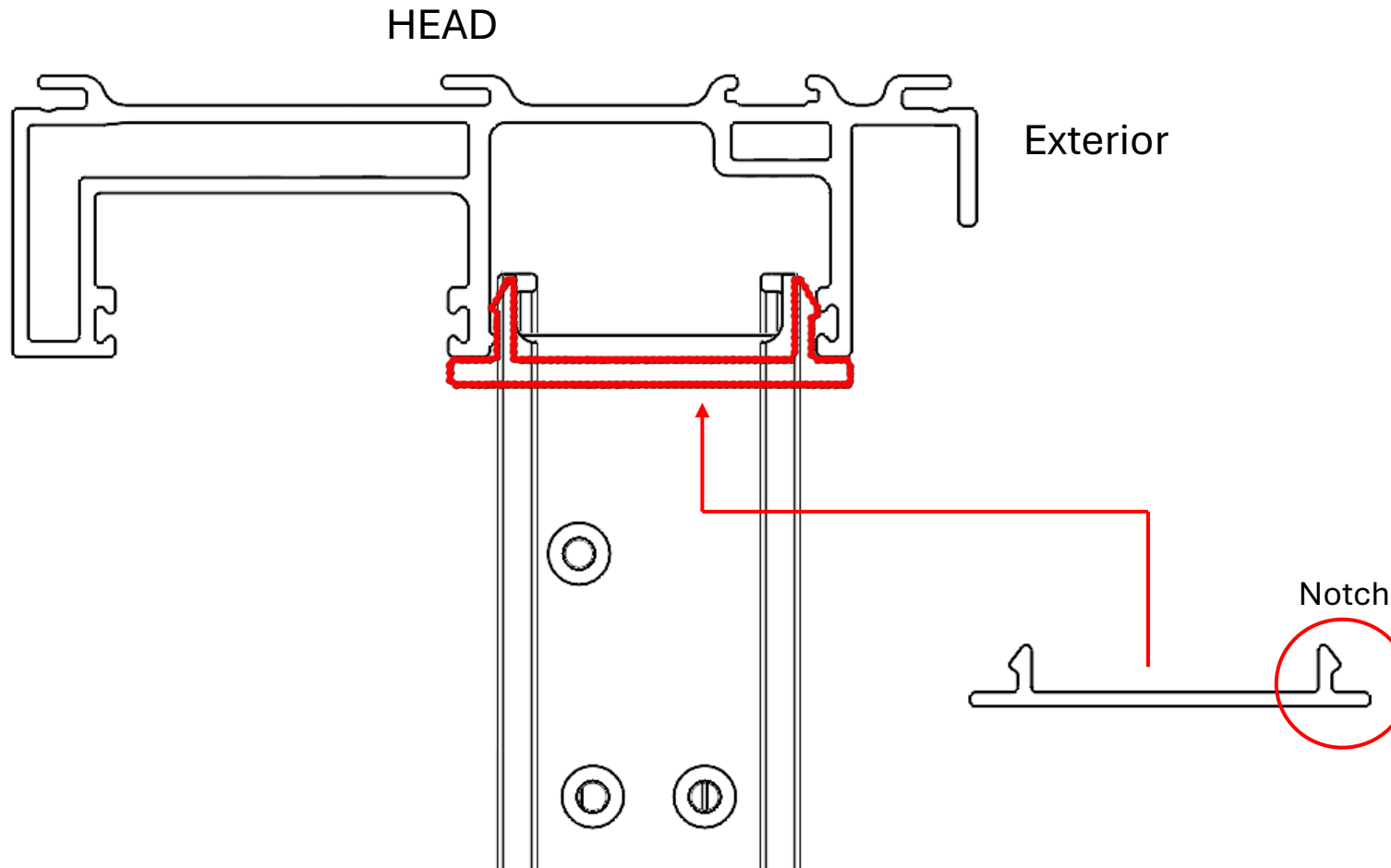
C700 3 Panel XOO/OOX SGD Field Panel Installation

Step 7: Head Cover Installation



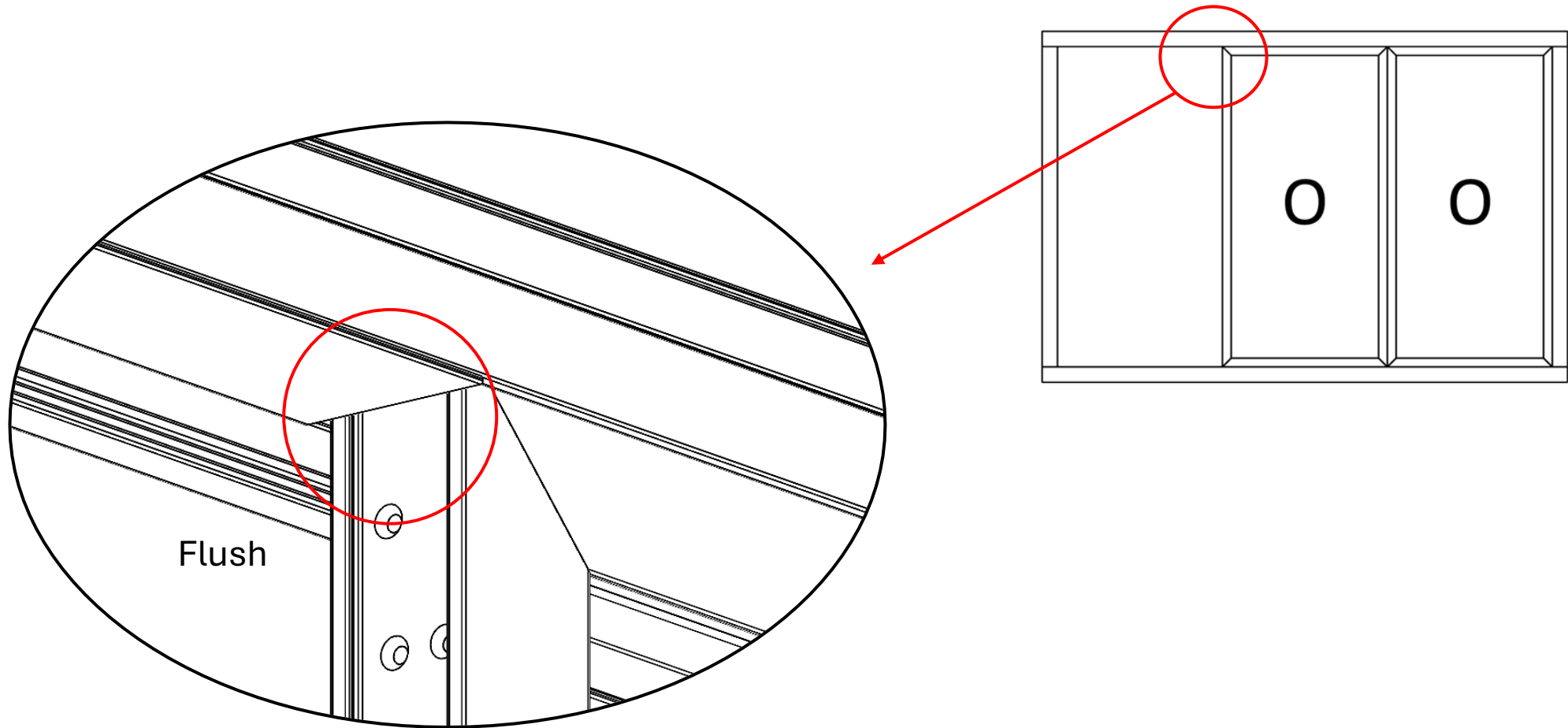
C700 3 Panel XOO/OOX SGD Field Panel Installation

Step 7: Head Cover Installation



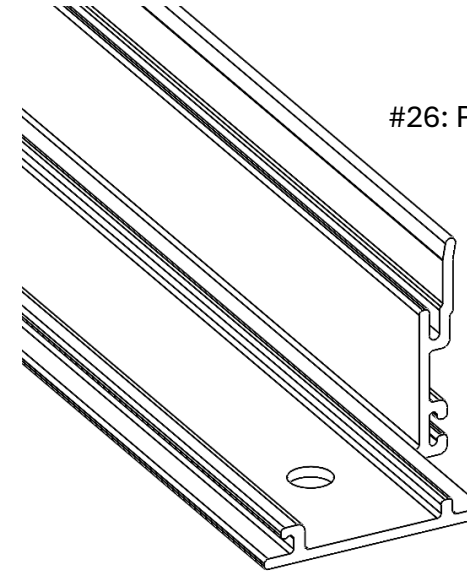
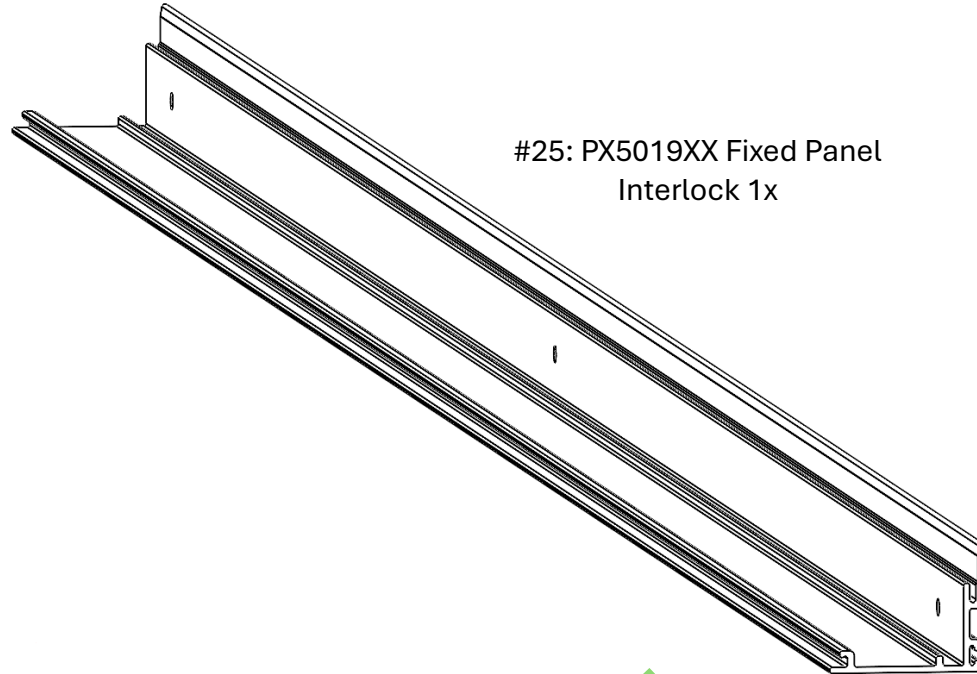
C700 3 Panel XOO/OOX SGD Field Panel Installation

Step 7: Head Cover Installation



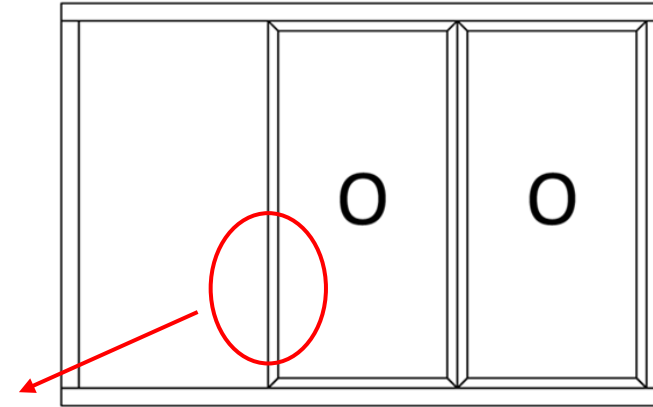
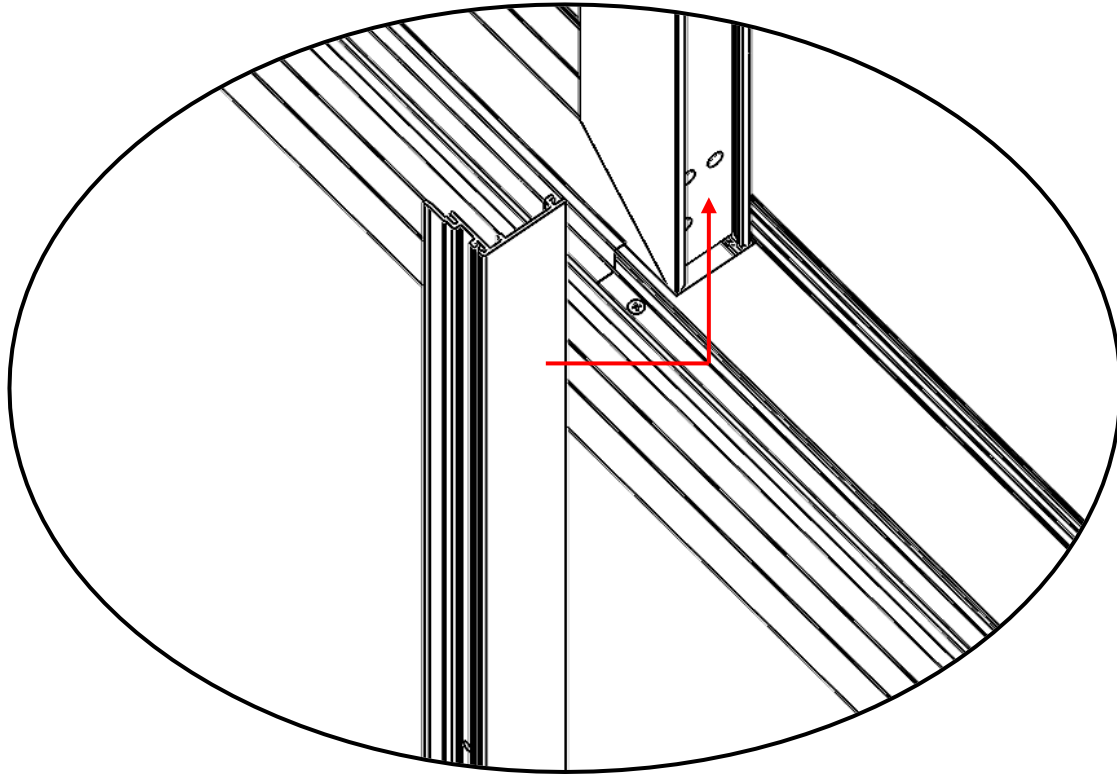
C700 3 Panel XOO/OOX SGD Field Panel Installation

Step 8: Fixed Panel Interlock Installation – Part Identification



C700 3 Panel XOO/OOX SGD Field Panel Installation

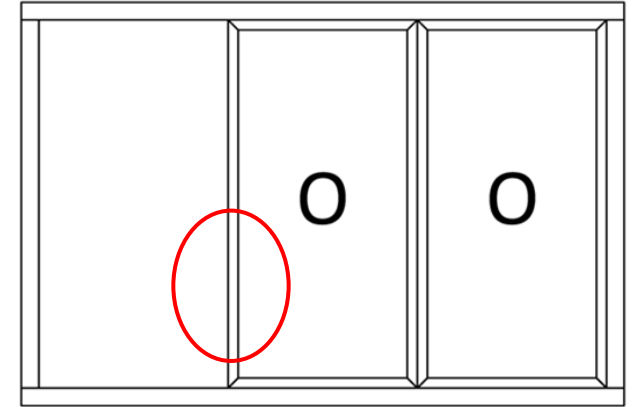
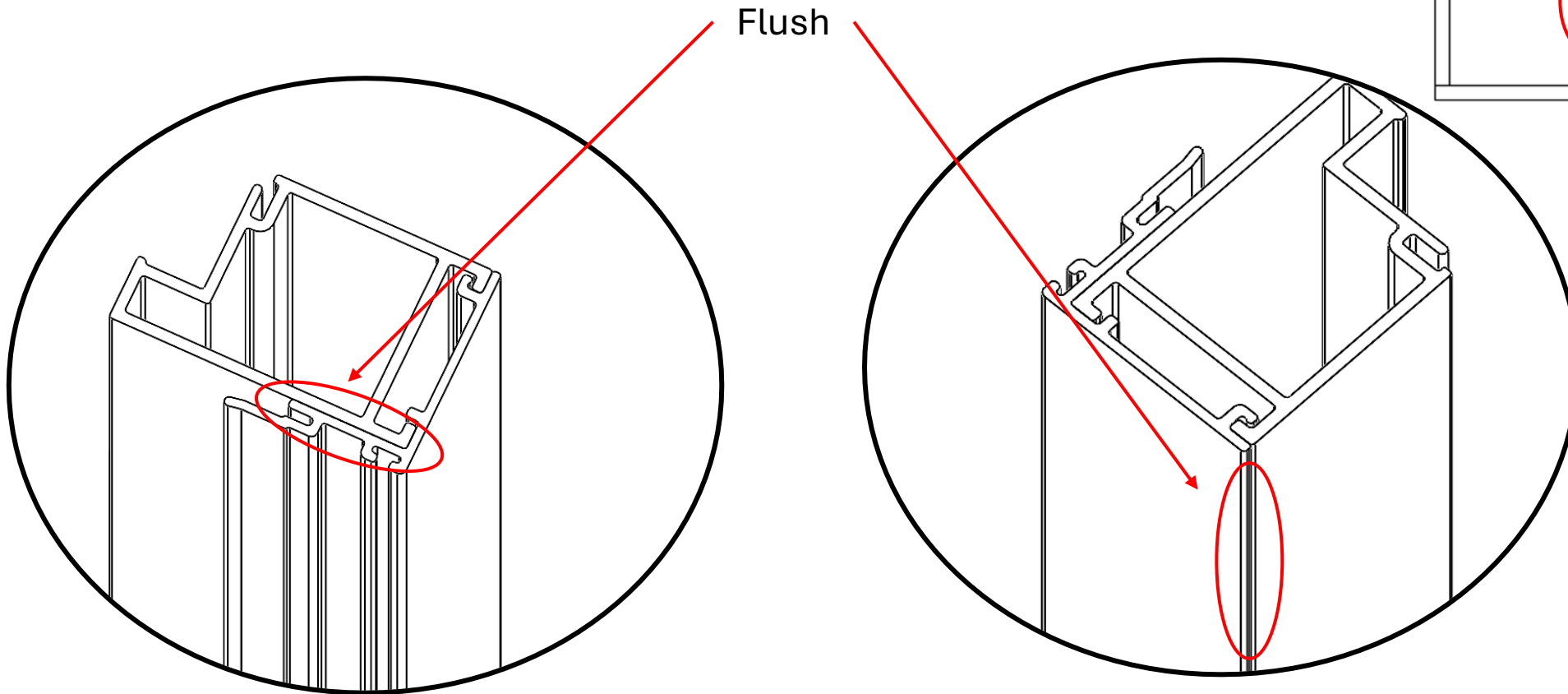
Step 8: Fixed Panel Interlock Installation



Note: Diagram shows a shorter cross-section view of the interlock. Actual part is longer.

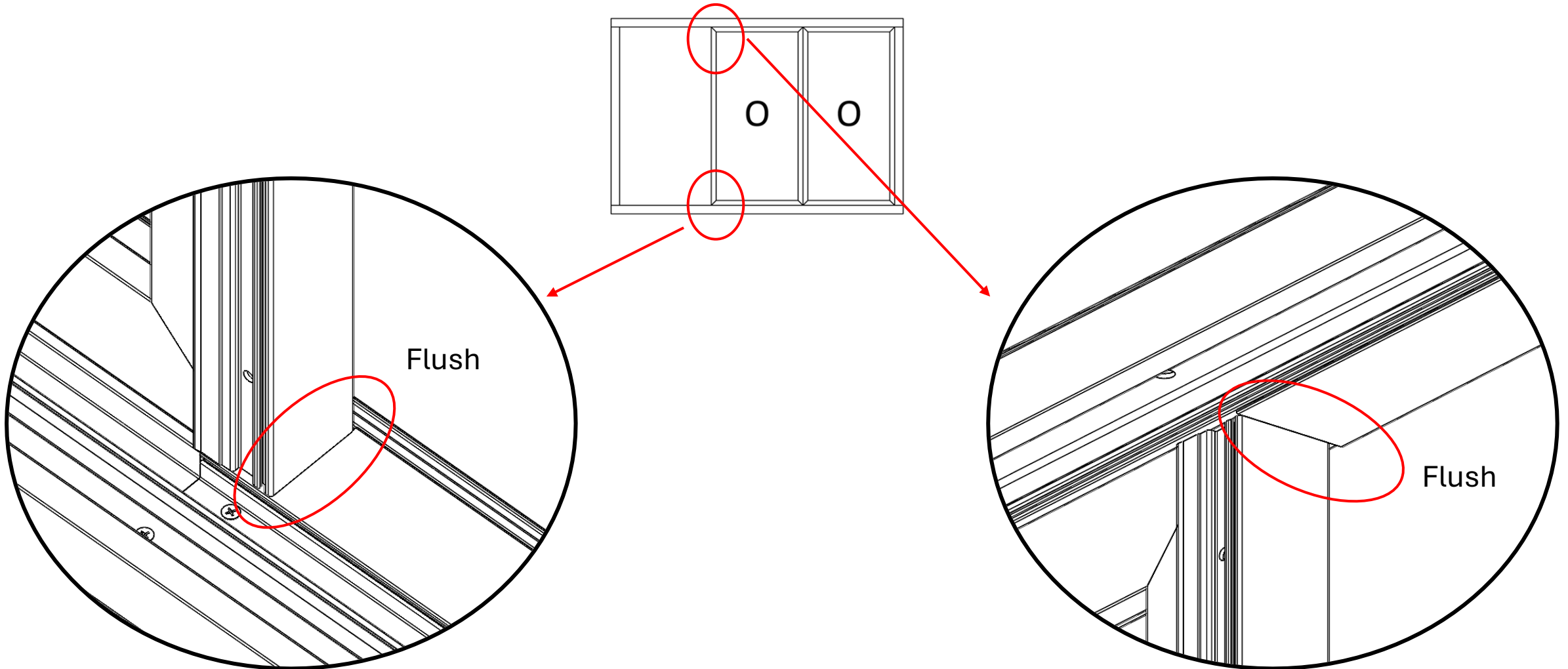
C700 3 Panel XOO/OOX SGD Field Panel Installation

Step 8: Fixed Panel Interlock Installation



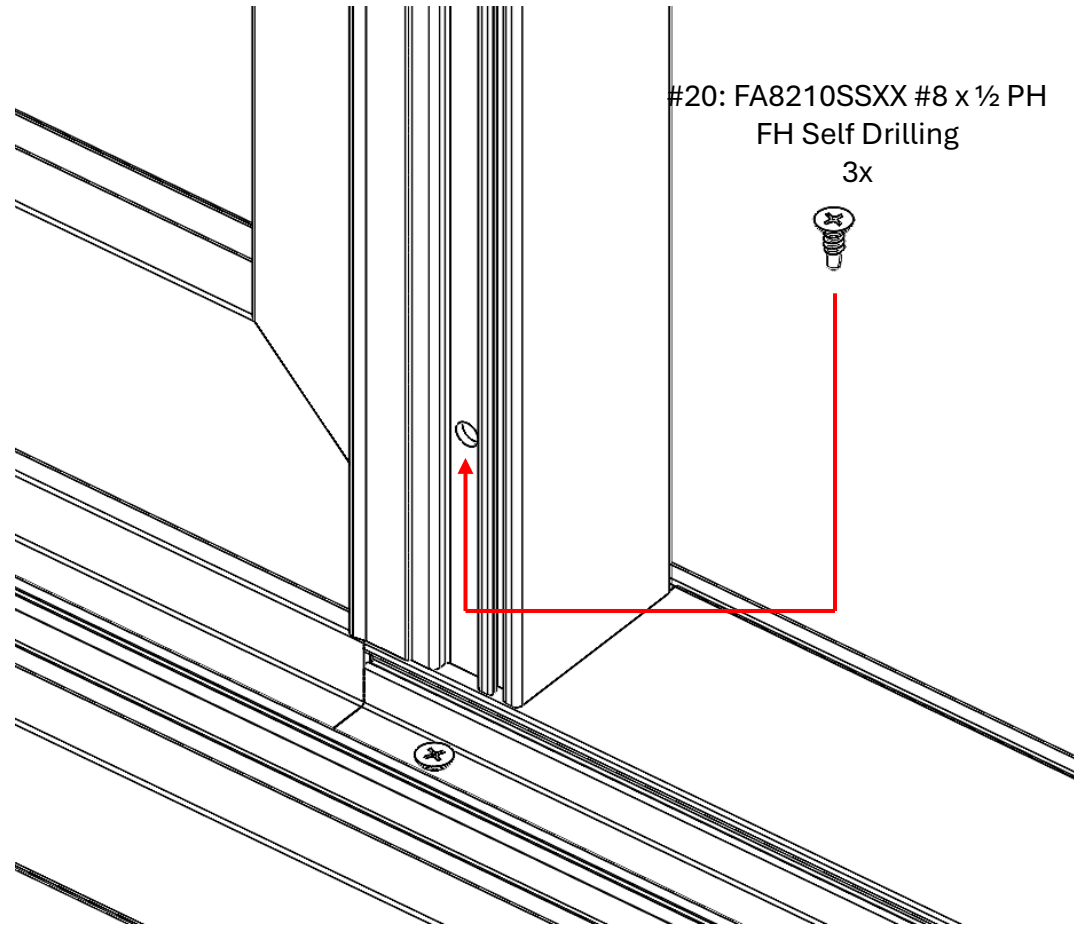
C700 3 Panel XOO/OOX SGD Field Panel Installation

Step 8: Fixed Panel Interlock Installation



C700 3 Panel XOO/OOX SGD Field Panel Installation

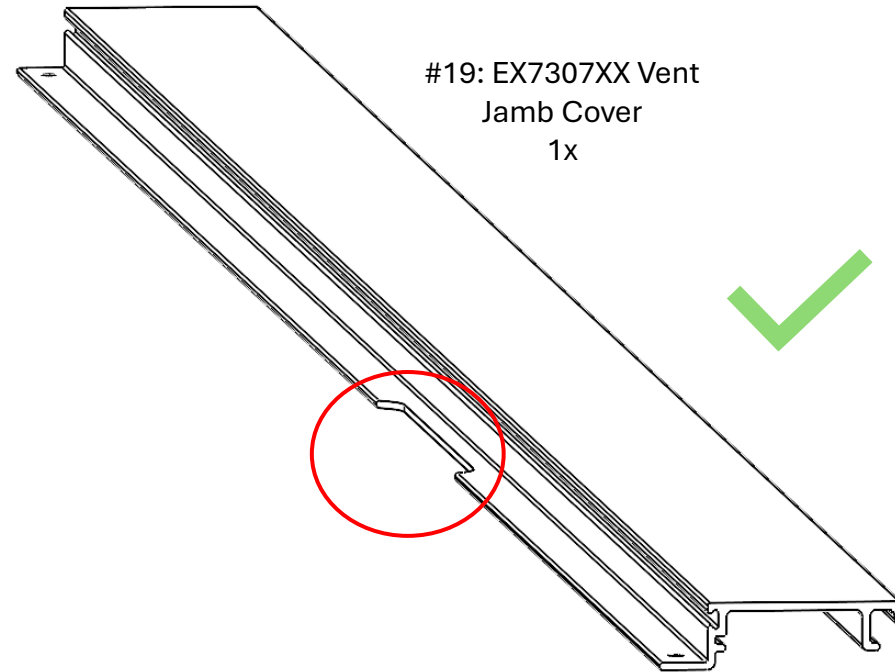
Step 8: Fixed Panel Interlock Installation



Note: Diagram for 1 side shown. All pre-punched holes on this piece must be fastened to the panel using screws.

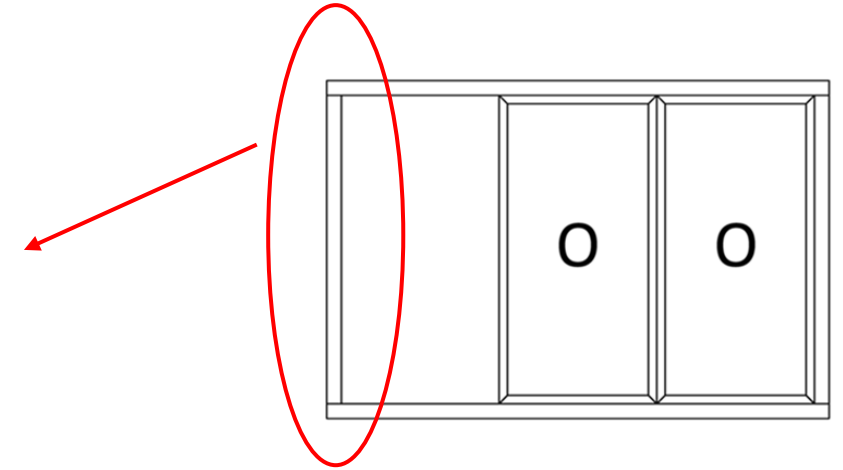
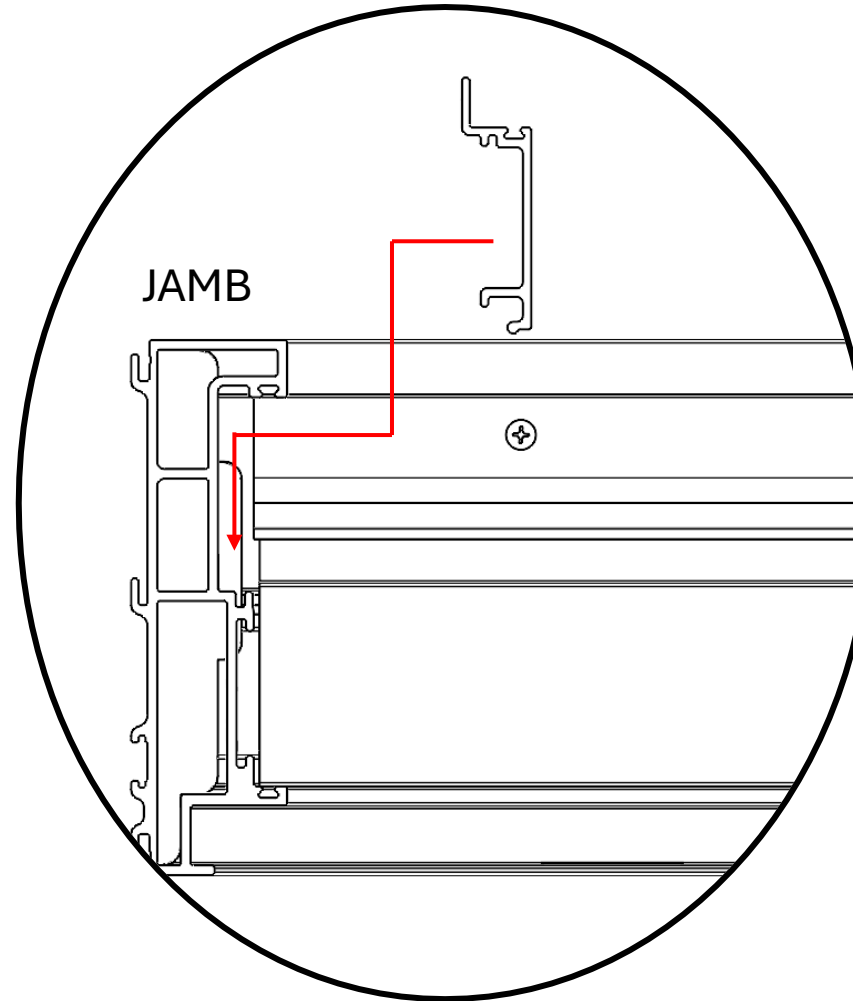
C700 3 Panel XOO/OOX SGD Field Panel Installation

Step 9: Vent Jamb Cover Installation



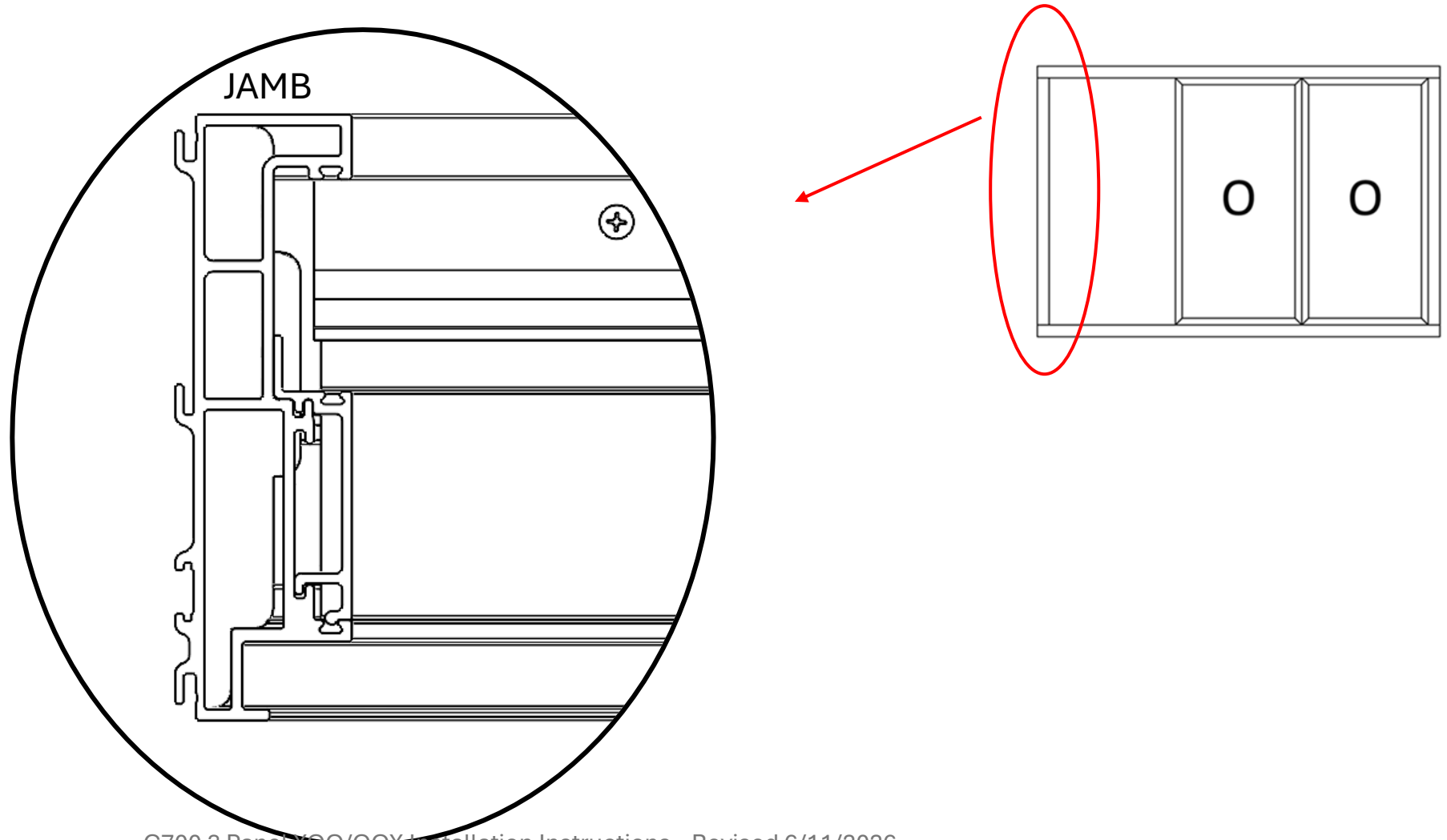
C700 3 Panel XOO/OOX SGD Field Panel Installation

Step 9: Vent Jamb Cover Installation



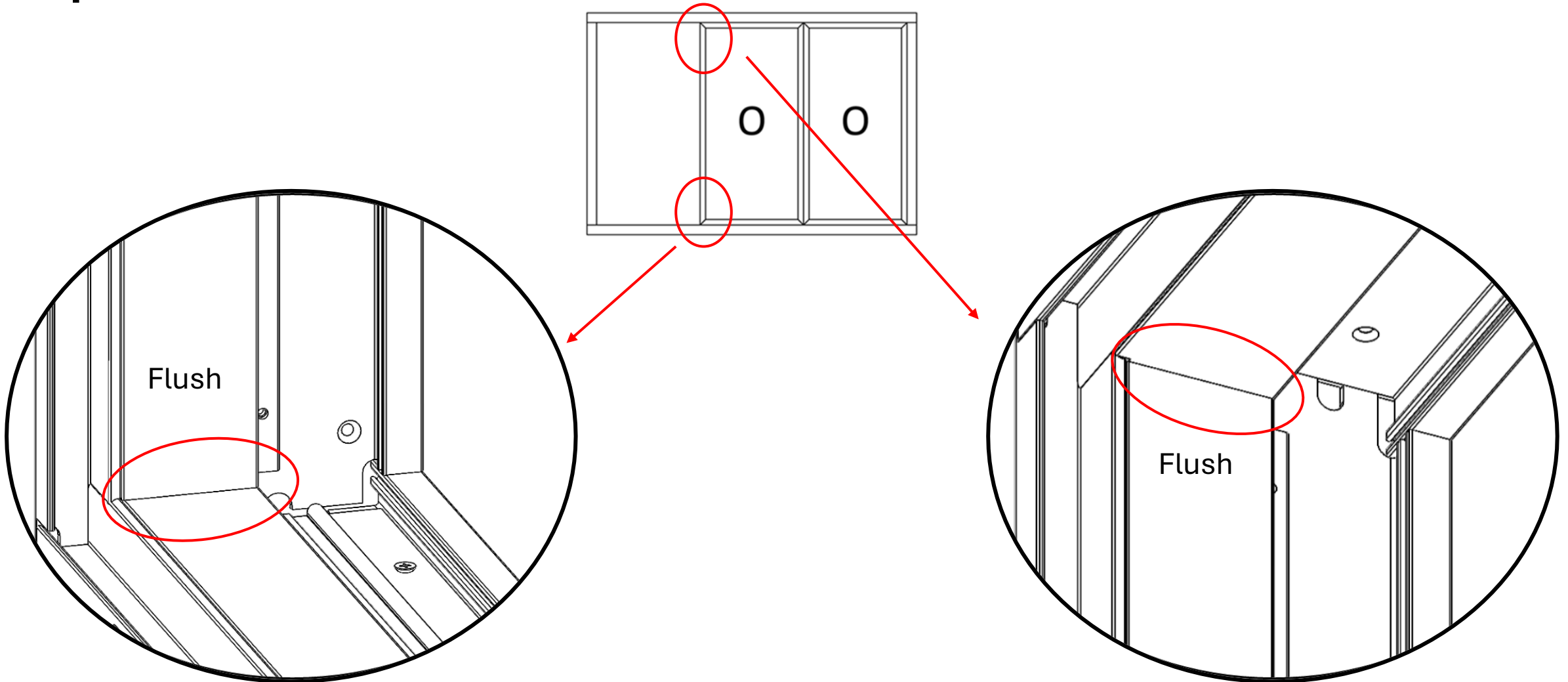
C700 3 Panel XOO/OOX SGD Field Panel Installation

Step 9: Vent Jamb Cover Installation



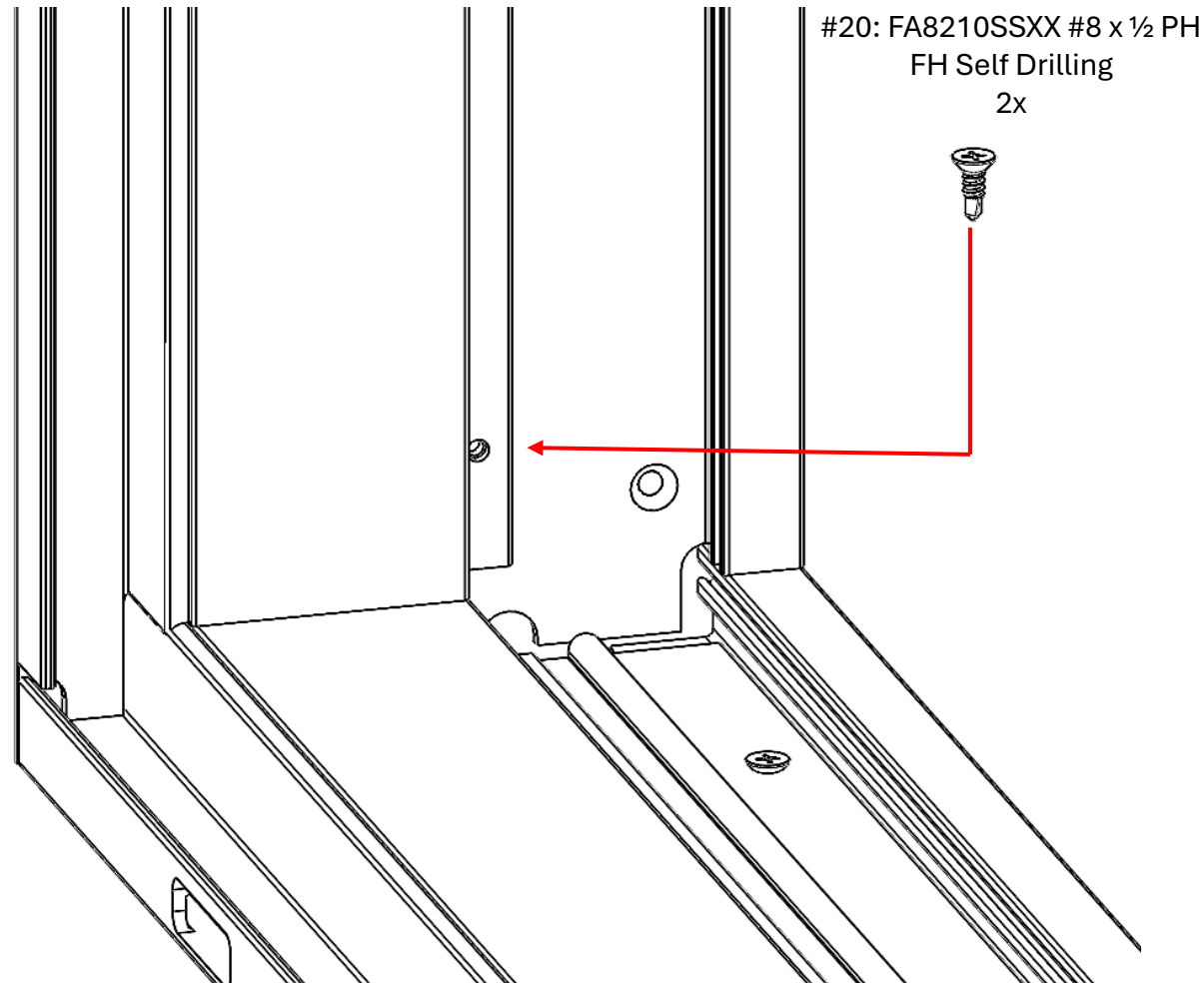
C700 3 Panel XOO/OOX SGD Field Panel Installation

Step 9: Vent Jamb Cover Installation



C700 3 Panel XOO/OOX SGD Field Panel Installation

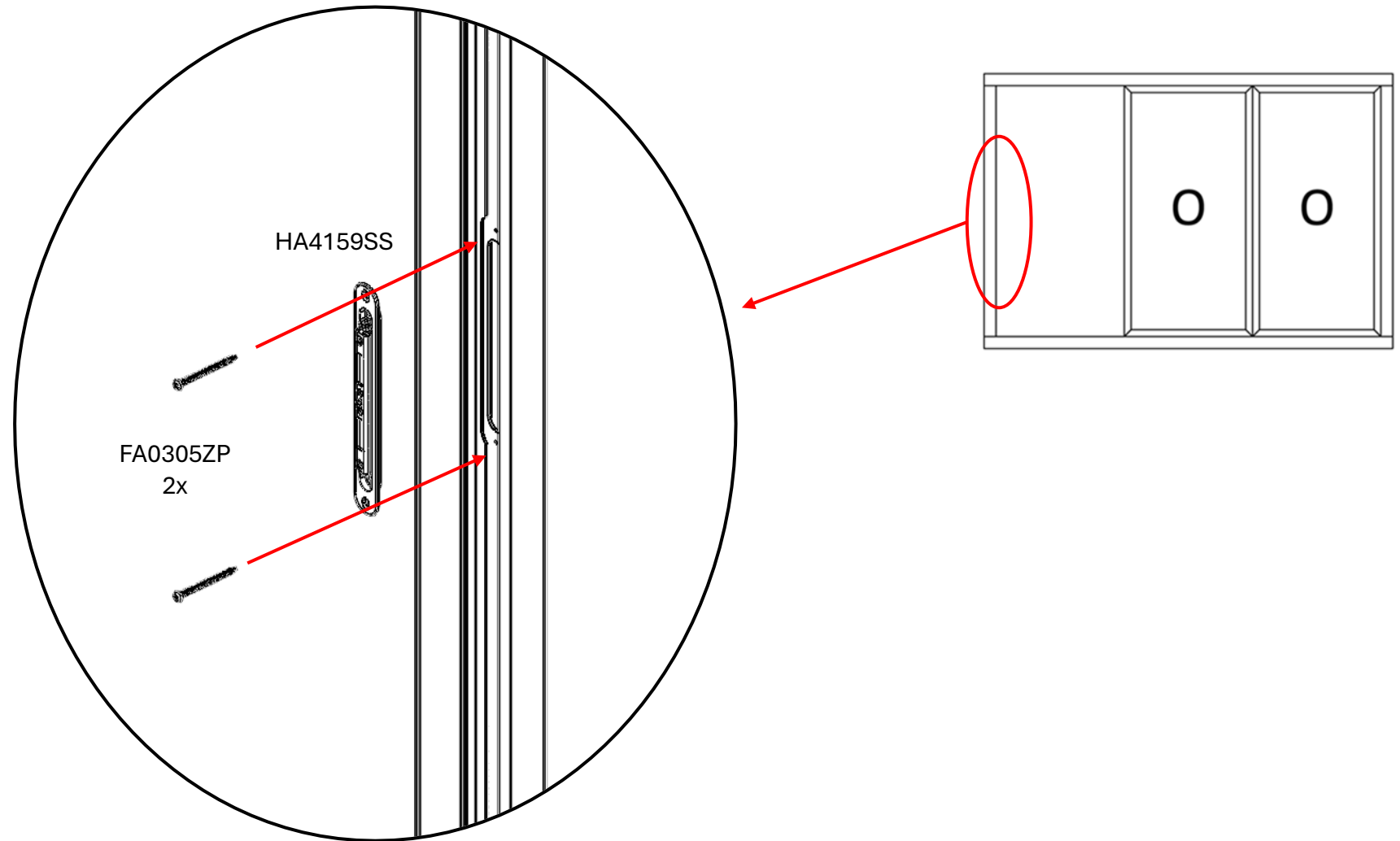
Step 9: Vent Jamb Cover Installation



Note: Diagram for 1 side shown. All pre-punched holes on this piece must be fastened to the frame using screws.

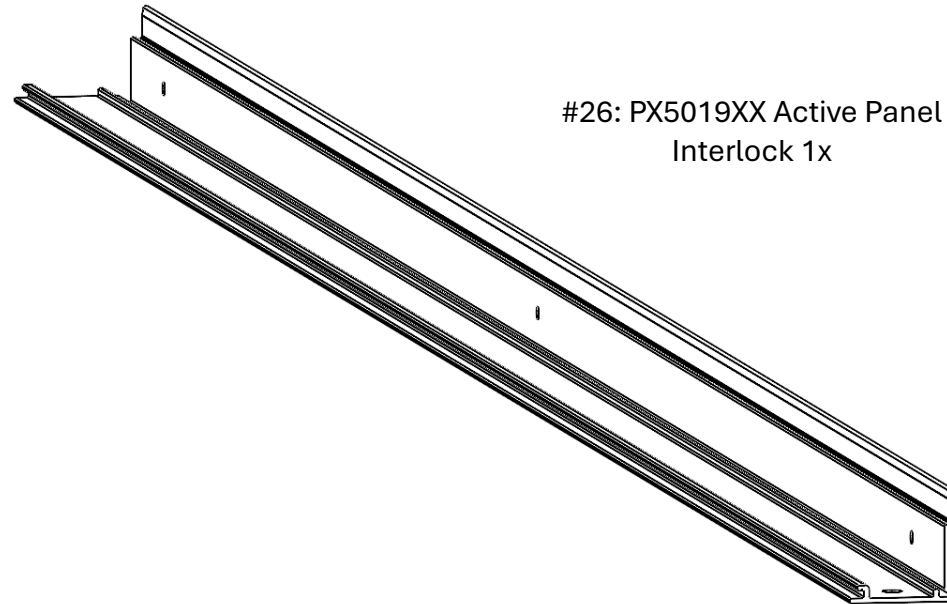
C700 3 Panel XOO/OOX SGD Field Panel Installation

Step 10: Mortise Strike Installation



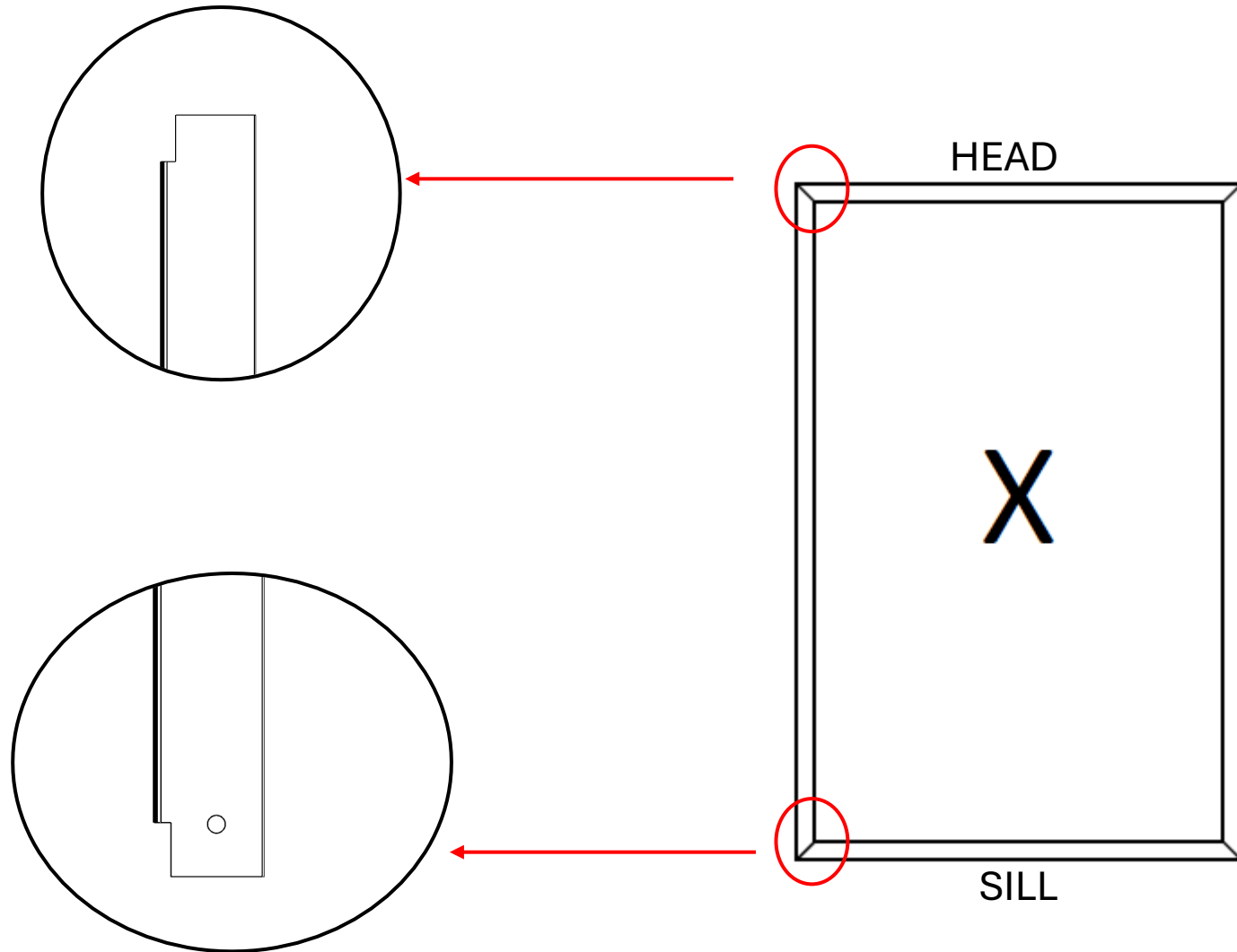
C700 3 Panel XOO/OOX SGD Field Panel Installation

Step 11: Active Panel Interlock Installation



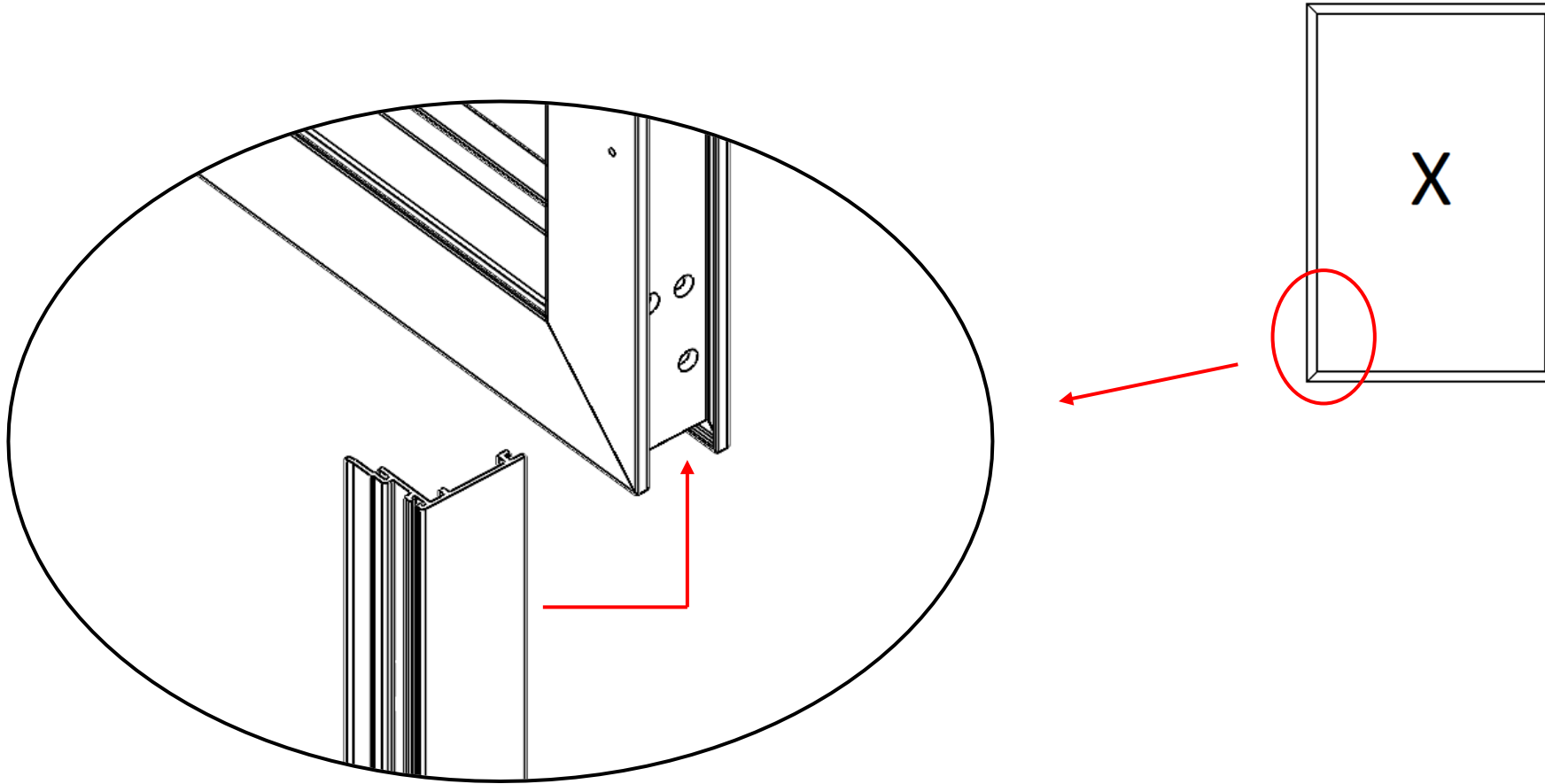
C700 3 Panel XOO/OOX SGD Field Panel Installation

Step 11: Active Panel Interlock Installation



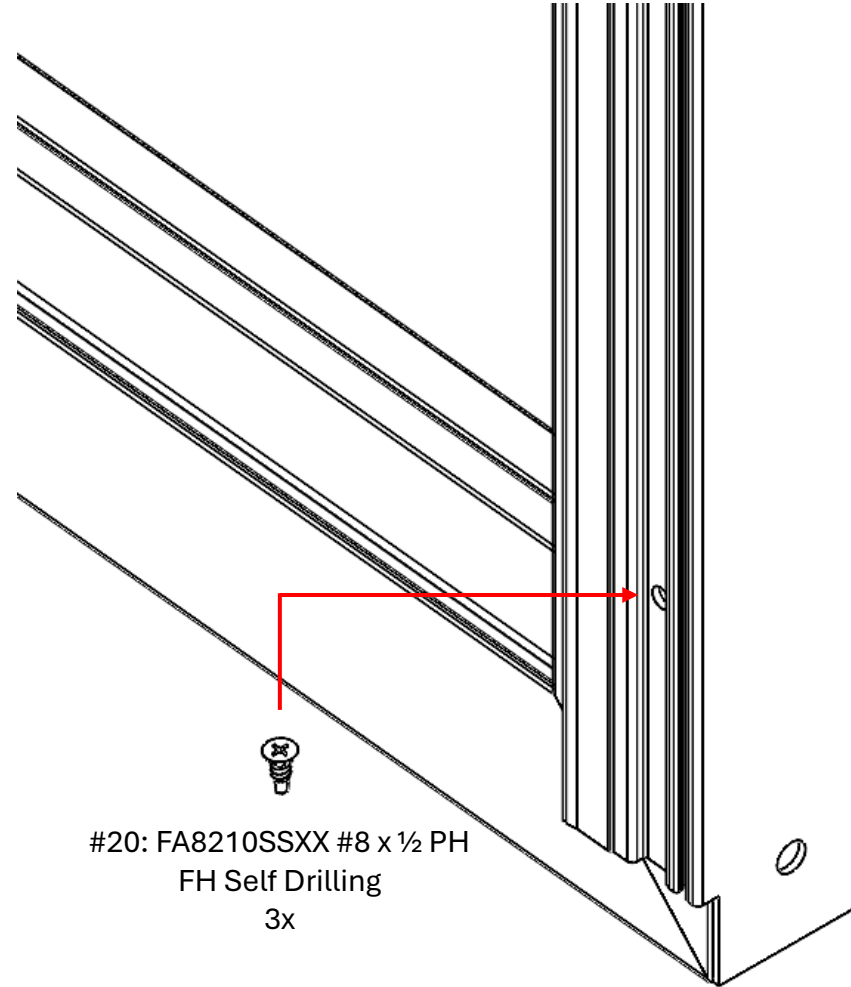
C700 3 Panel XOO/OOX SGD Field Panel Installation

Step 11: Active Panel Interlock Installation



C700 3 Panel XOO/OOX SGD Field Panel Installation

Step 11: Active Panel Interlock Installation



Note: Diagram for 1 side shown. All pre-punched holes on this piece must be fastened to the panel using screws.

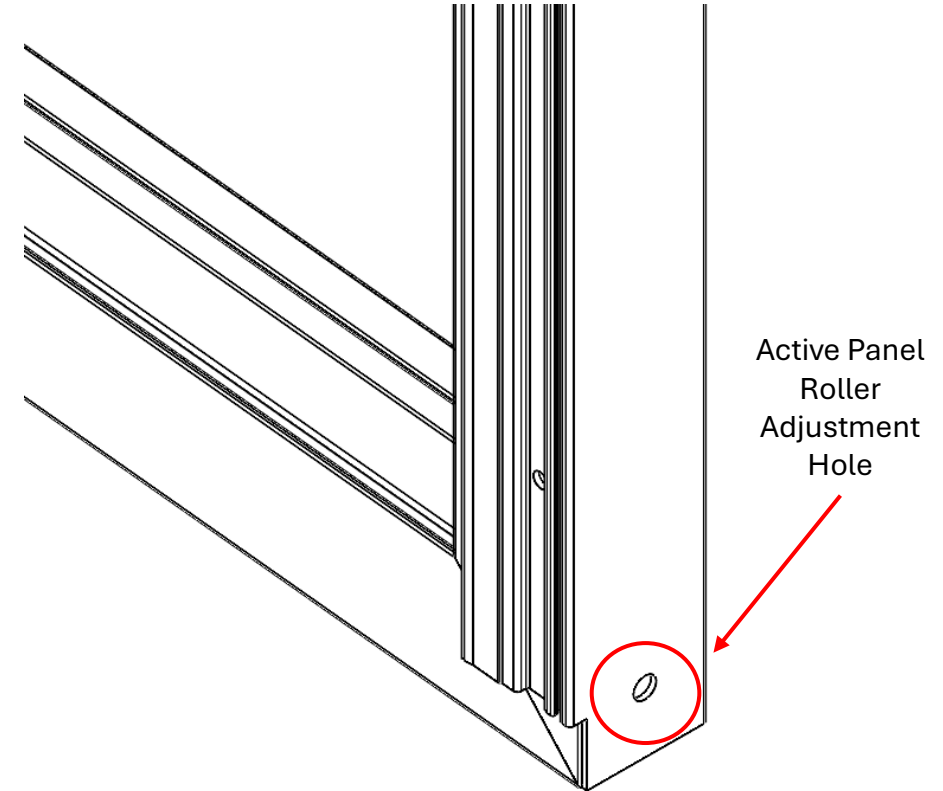
C700 3 Panel XOO/OOX SGD Field Panel Installation

Step 11: Active Panel Installation

- Install the active panel over the roller track by pushing panel diagonally into the head from the interior. *Ensure the glazing bead faces the exterior of the door.*
- Adjust rollers as necessary using a Phillips head screwdriver.
- Adjust mortise strike height as necessary by sliding mortise strike within the adjustment slot.

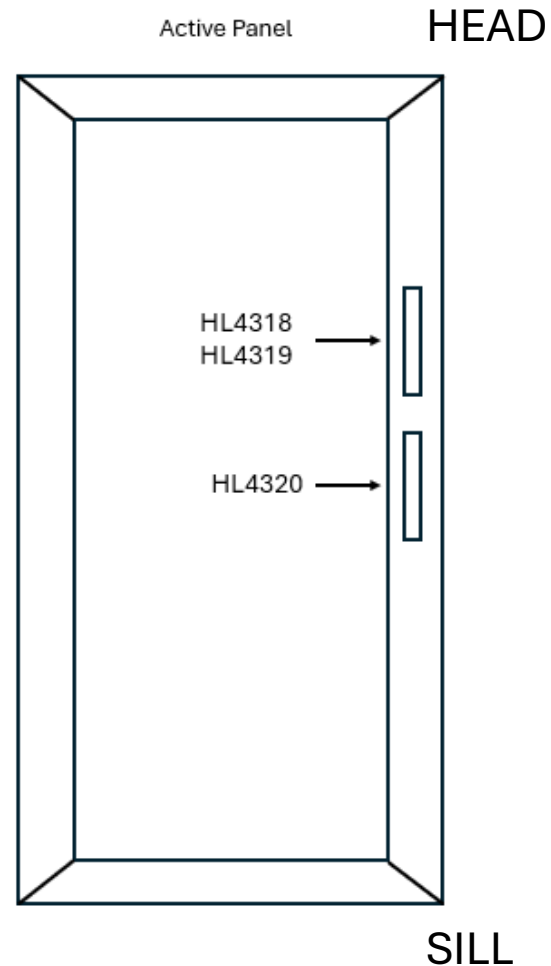
Handles:

- Standard (Crest) Handle: Install handles using included instructions. Skip to Step 13.
- Flush (Invisio) Handle: Follow Step 12 for installation.



C700 3 Panel XOO/OOX SGD Field Panel Installation

Step 12: Invisio Handle Installation



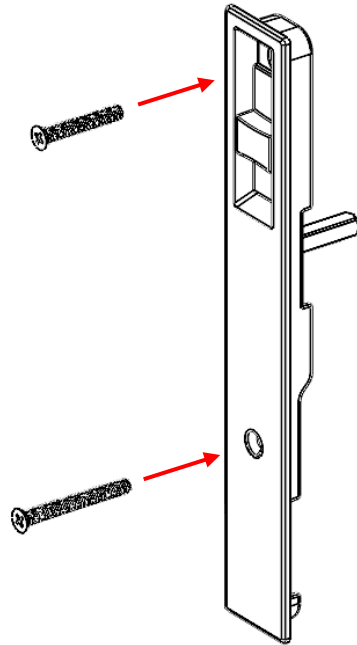
C700 3 Panel XOO/OOX SGD Field Panel Installation

Step 12: Invisio Handle Installation – Mortise Latch

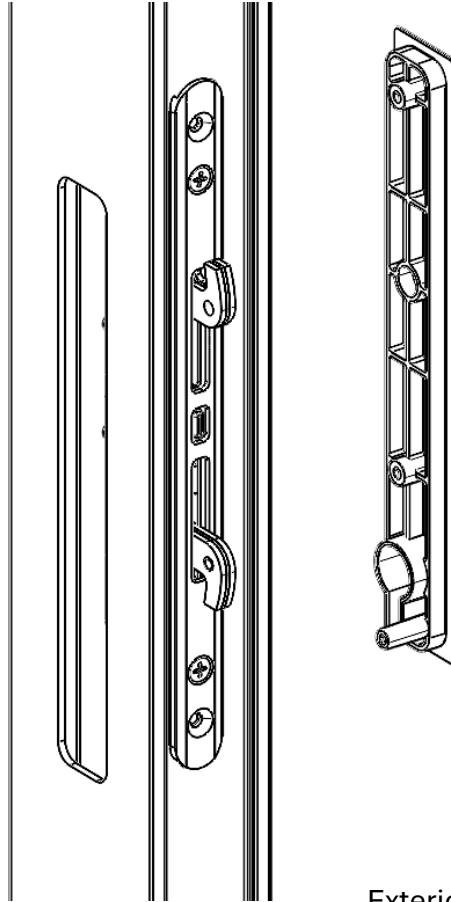


Note: Mortise latch plate fastens to the interior. Screw for mortise latch is shorter.

#30A/30B
HA4318/HA4319



Interior



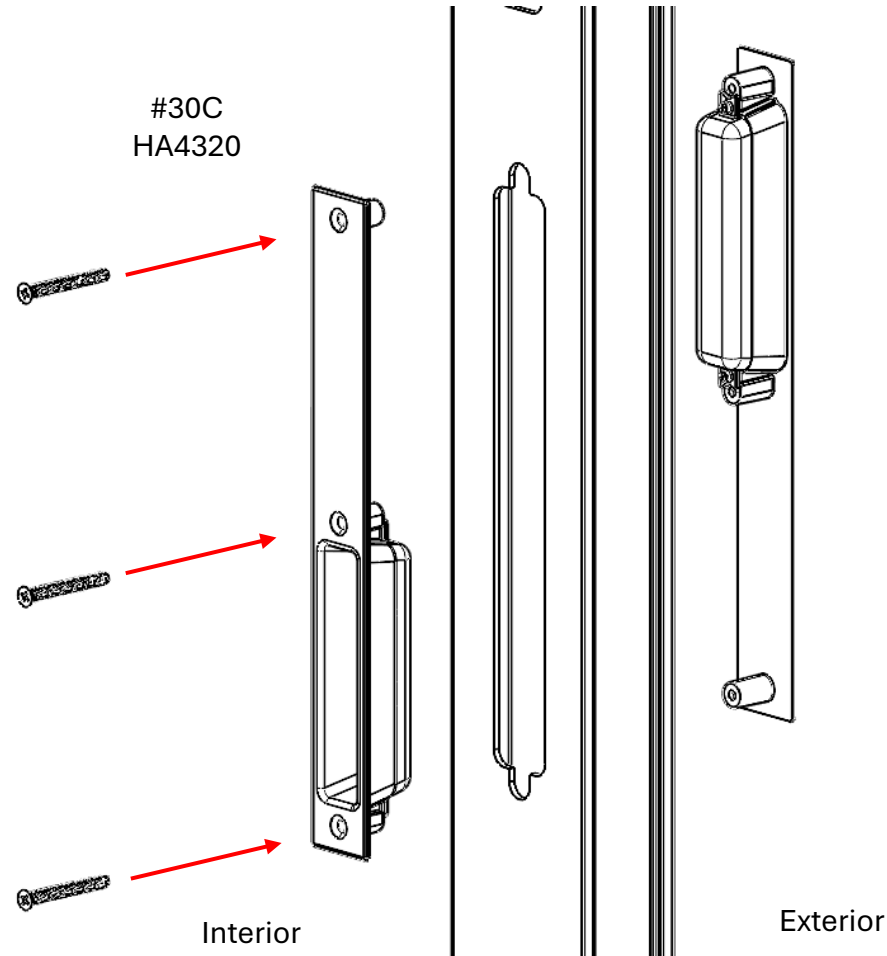
Exterior

C700 3 Panel XOO/OOX SGD Field Panel Installation

Step 12: Invisio Handle Installation – Bottom Handle



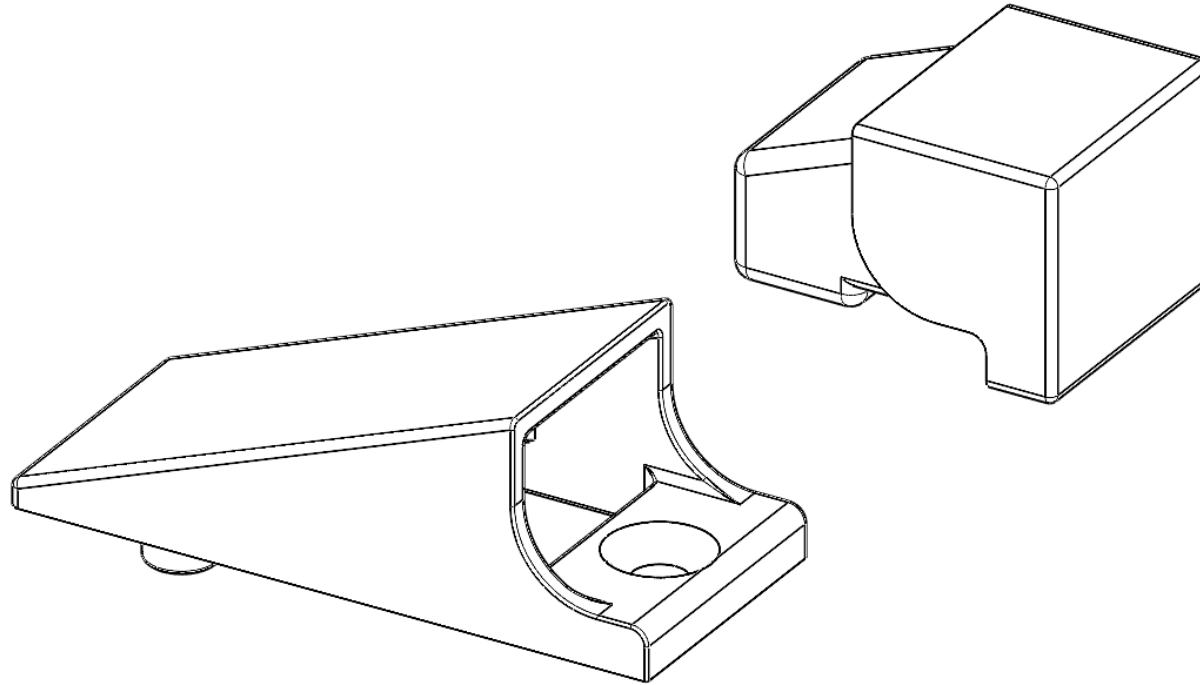
Note: Screws for the bottom handle go on the interior.



C700 3 Panel XOO/OOX SGD Field Panel Installation

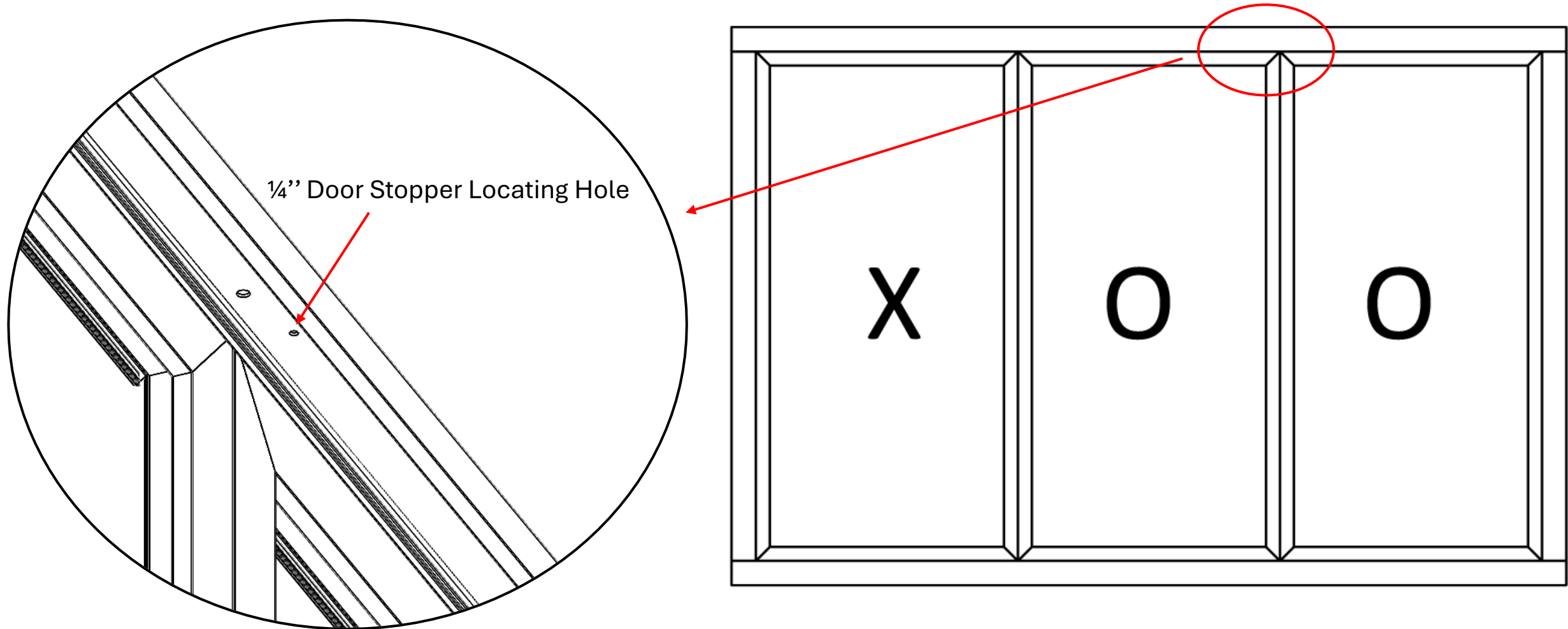
Step 13: Active Panel Installation - Door Stopper Identification

- Locate door stopper.



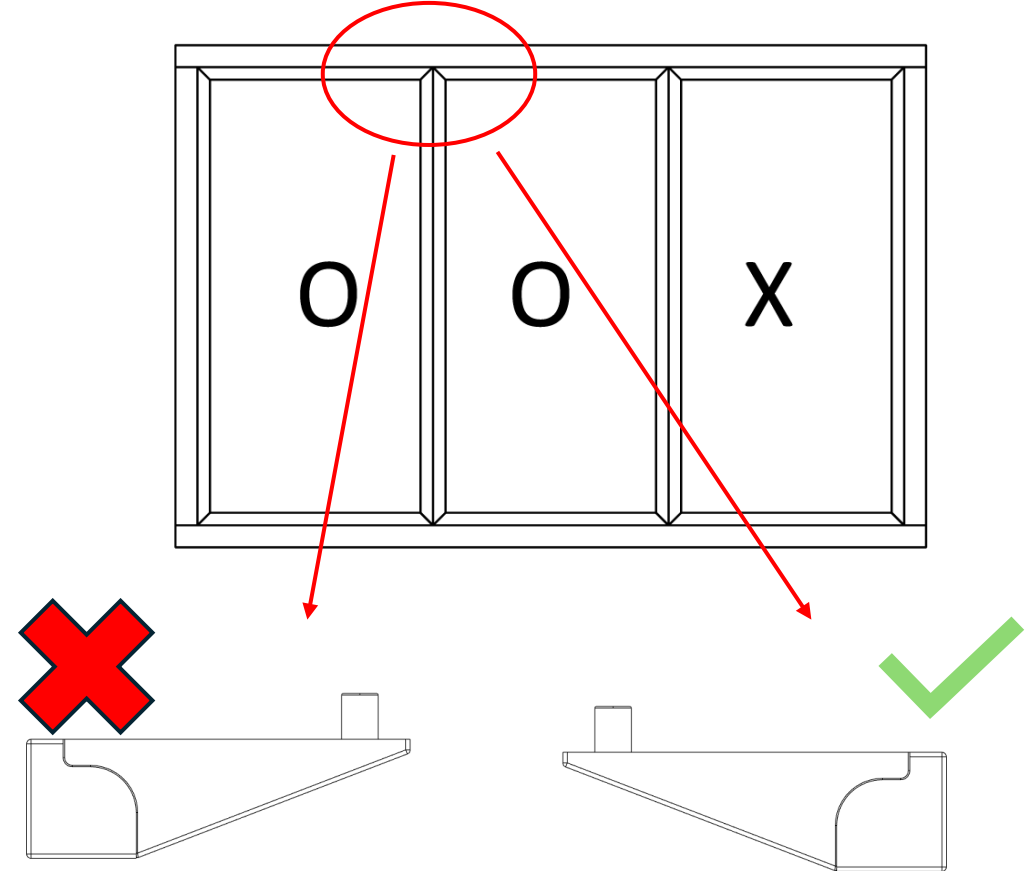
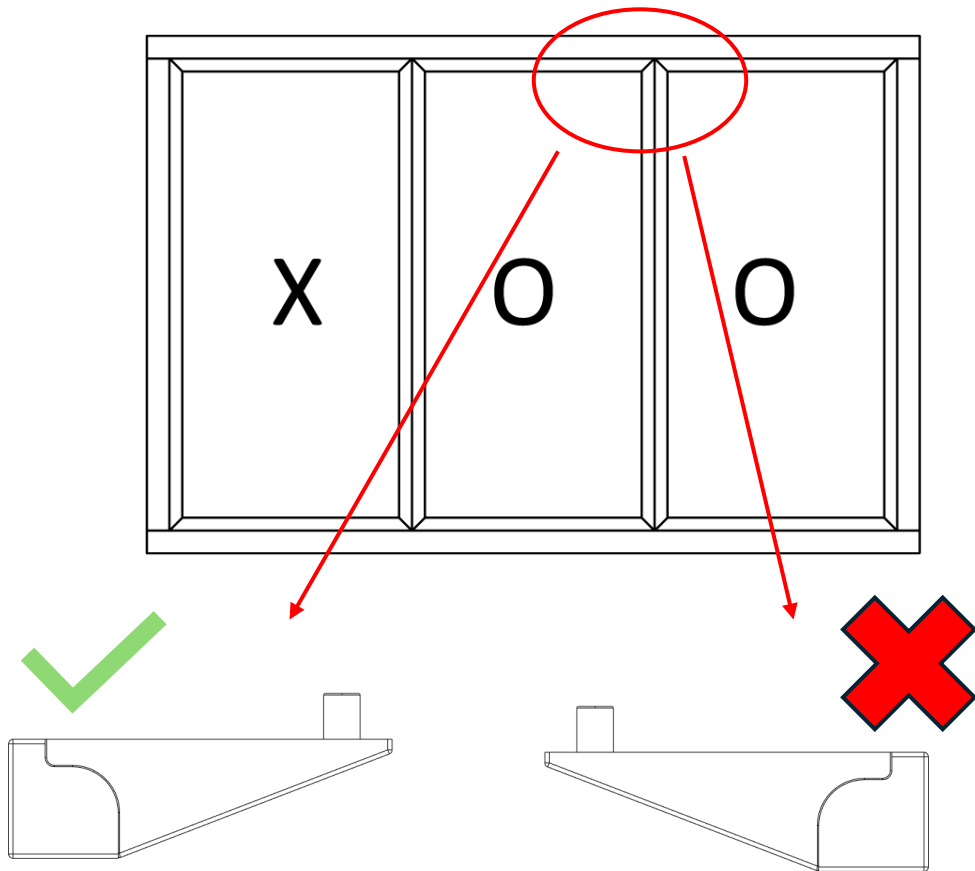
C700 3 Panel XOO/OOX SGD Field Panel Installation

Step 13: Active Panel Installation - Door Stopper frame Location



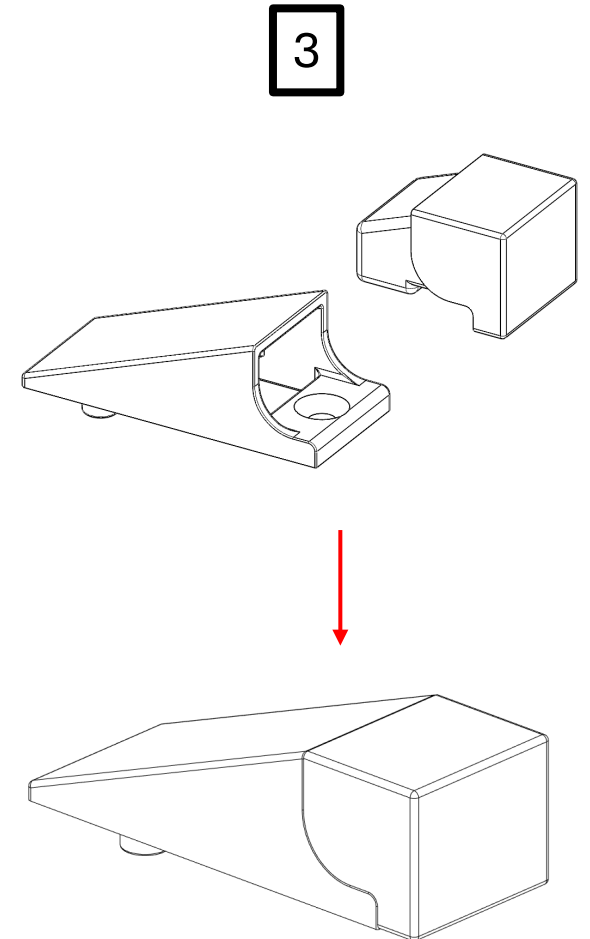
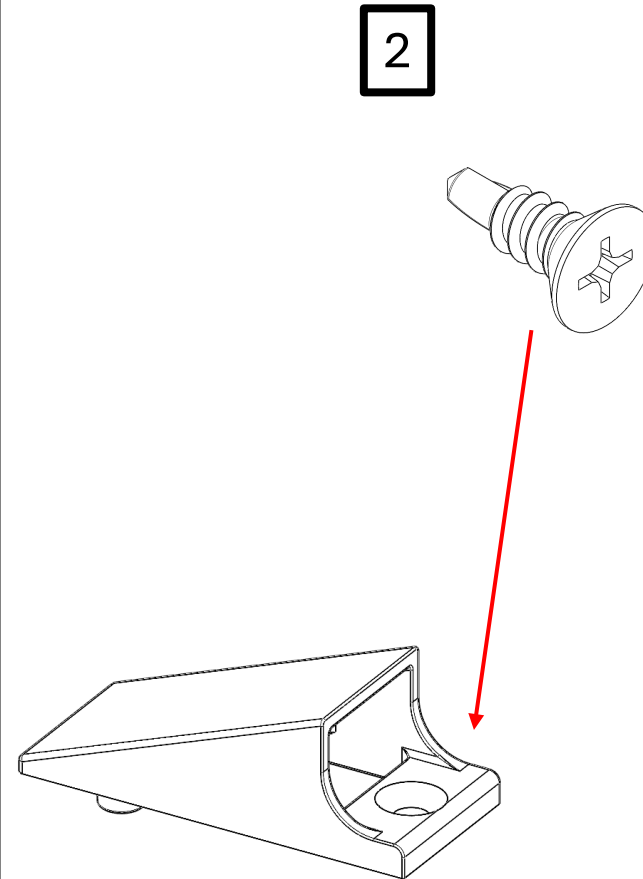
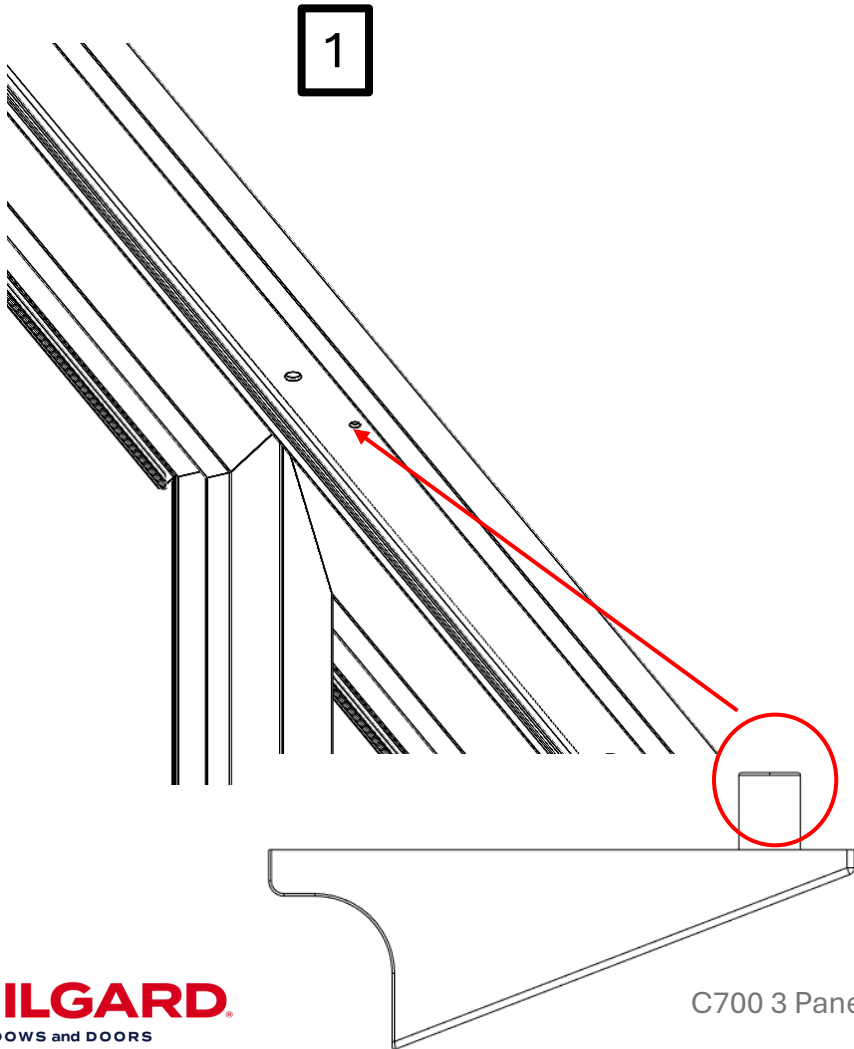
C700 3 Panel XOO/OOX SGD Field Panel Installation

Step 13: Active Panel Installation - Door Stopper frame Location



C700 3 Panel XOO/OOX SGD Field Panel Installation

Step 13: Active Panel Installation - Door Stopper Assembly Overview

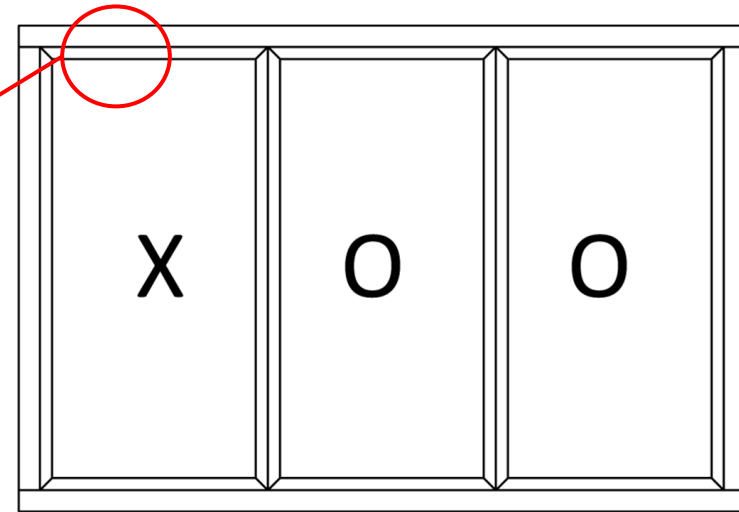
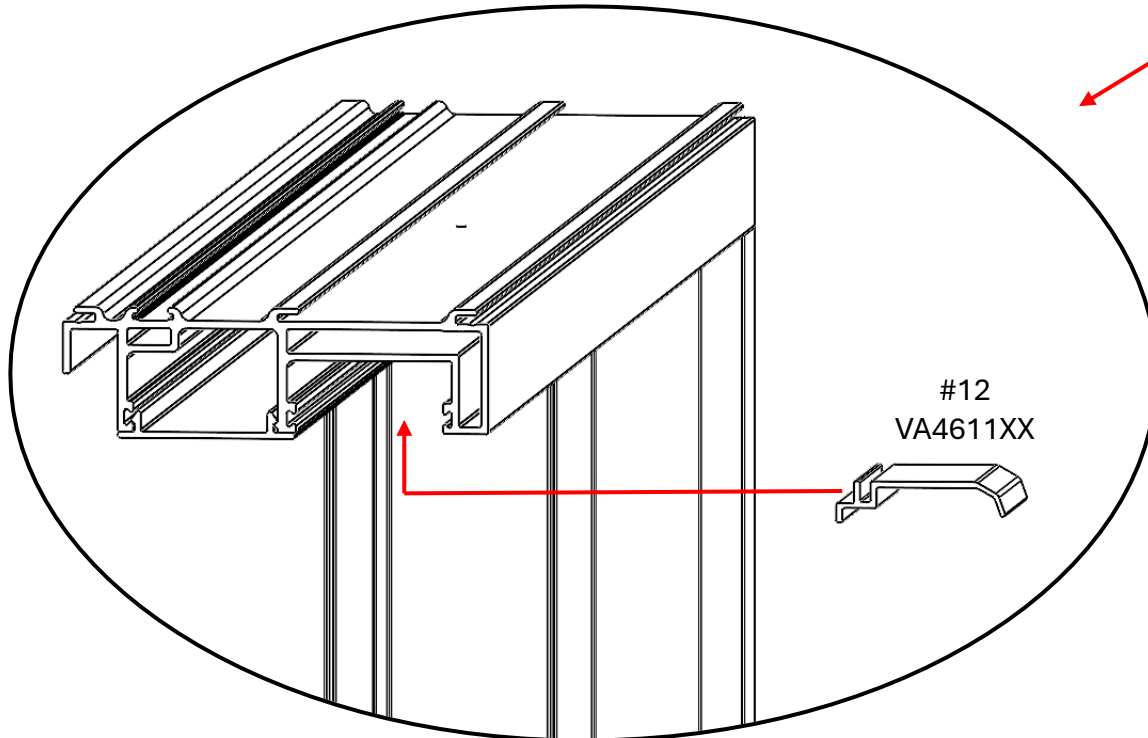


C700 3 Panel XOO/OOX SGD Field Panel Installation

Step 14: Active Panel Installation – Anti Lift Clips



Note: Slide door open to install anti lift clips.



C700 3 Panel XOO/OOX SGD Field Panel Installation

Step 14: Active Panel Installation – Anti Lift Clips



Note: Slide door open to install anti lift clips.

