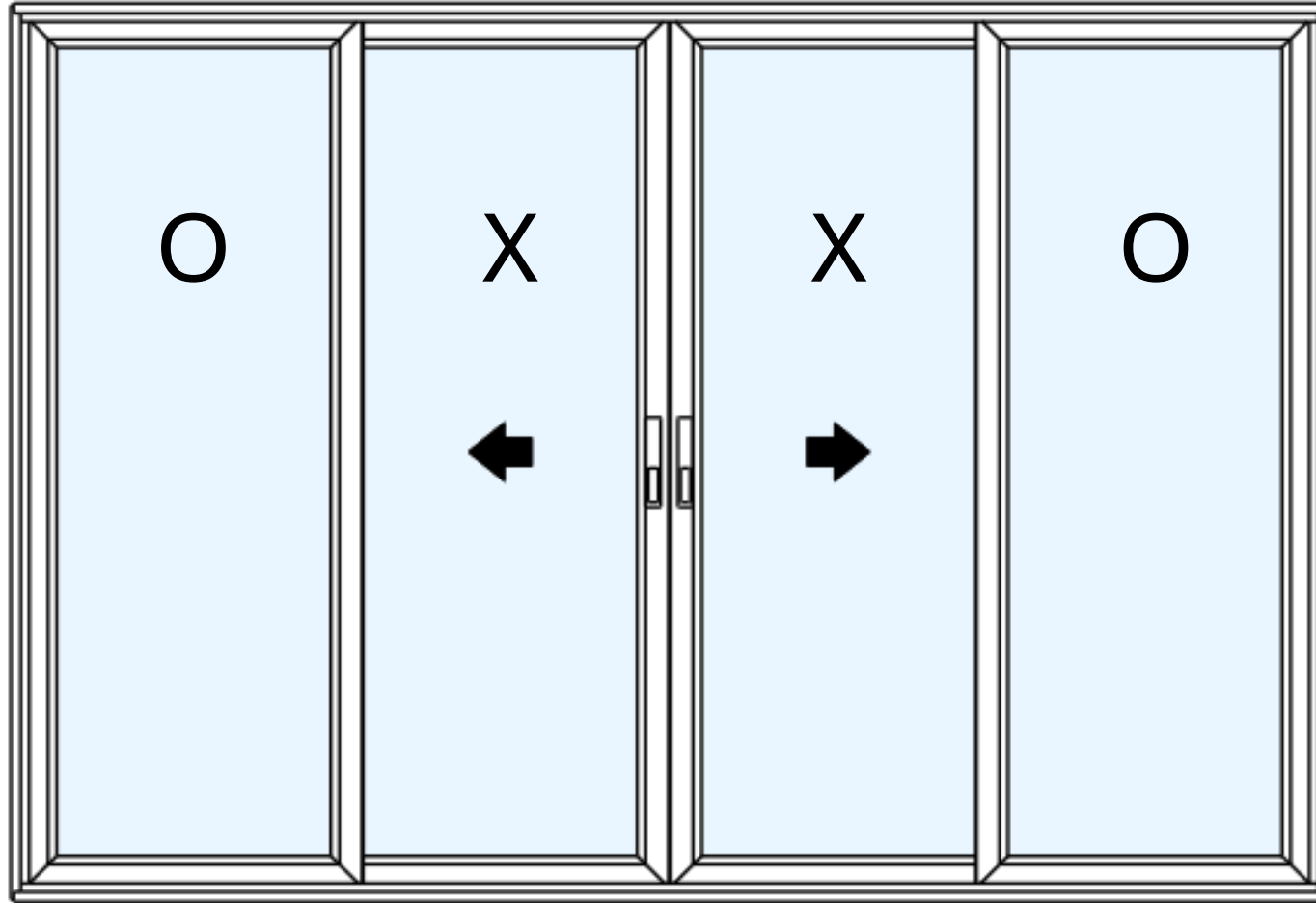


C700 4 Panel Sliding Glass Door Field Panel Installation 2



C700 4 Panel 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 4 Panel 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 4 Panel 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.

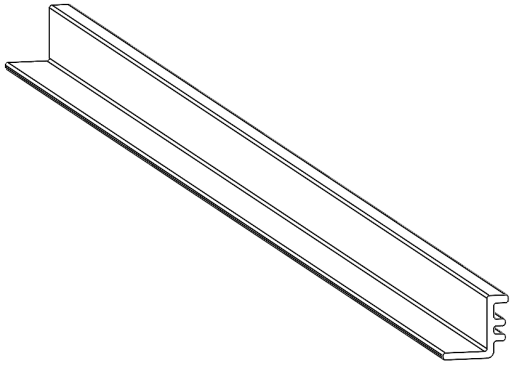
C700 4 Panel SGD Field Panel Installation

Step 1: Pre-Assembly Preparation

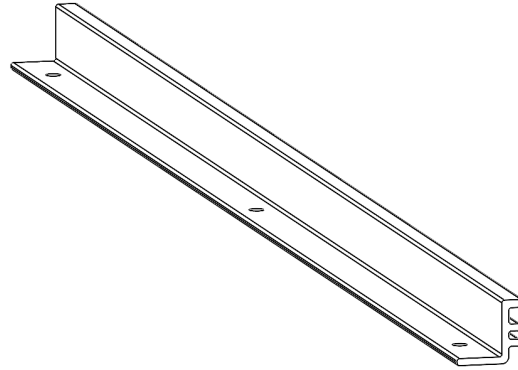
4 PANEL OXXO KD BOM					
ITEM NO.	MILGARD P/N	DESCRIPTION	QTY.	HARDWARE BOX	NOTES
1	PX5016XX	SGD SILL W/ WEATHERSTRIP & WEEP GATES & SILL PANEL JOIN BAR INSERTED	1		-
2	PX5016XX	SGD JAMB W/ WEATHERSTRIP INSERTED	2		-
3	PX5017XX	SGD HEAD W/ WEATHERSTRIP & PANEL ANTI LIFTS & DOOR STOP INSERTED	1		-
4	IM3113NC	SILL TO JAMB CORNER KEY	2	X	-
5	IM3114NC	HEAD TO JAMB CORNER KEY RIGHT	1	X	-
6	IM3115NC	HEAD TO JAMB CORNER KEY LEFT	1	X	-
7	FA0315XX	#8x1/2 PH FH SMS	28	X	-
8	VA4610NC	JAMB FIXED PANEL JOIN BAR	2		-
9	PX5022XX	HEAD COVER	1		-
10	EX7304XX	ROLLER TRACK	1		-
11	EX7305XX	FIXED SILL COVER	2		-
12	EX7307XX	VENT SILL COVER	1		-
13	EX7305XX	FIXED JAMB COVER	2		-
14	FA8210SSXX	8Ax1/2" PH FLAT SMS 410 SS SELF DRILL	40	X	-
15	SE8626	RETICULATED FOAM	2	X	-
16	VARIES	SILL PANS	AS RQ'D		-
17	PX5019XX	FIXED PANEL INTERLOCK W/ WEATHERSTRIP INSERTED	2		-
18	SE0034CL	PECORA SEALANT	4	X	-
19	EX7302XX	STUCCO KEY ACCESSORY 192" SL	AS RQ'D		-
20	EX7303XX	ACCESSORY GROOVE FILLER 192" SL	AS RQ'D		-
21	VA5084AMIWH	NAIL FIN	AS RQ'D	-	-
22	IM6650XX	INTERLOCK ROLLER ADJUSTMENT COVER	2	X	-
23A	HL7210XX	CREST INTERIOR PLATE & PULL HANDLE ASSEMBLY	1	X	IF CUSTOMER CHOOSSES CREST HANDLE
23B	HL7209NA	CREST INTERIOR PLATE MOUNT	1	X	
23C	HL7207XX	CREST EXTERIOR PULL HANDLE	1	X	
23D	HL7206XX	CREST LOCK SNIB	1	X	
23E	FA7211ZP	8-32x3/4" PH FH "F" TYPE	2	X	
23F	FA8211SS	8Ax1 3/4" PH FLAT TYPE F	2	X	

C700 4 Panel SGD Field Panel Installation

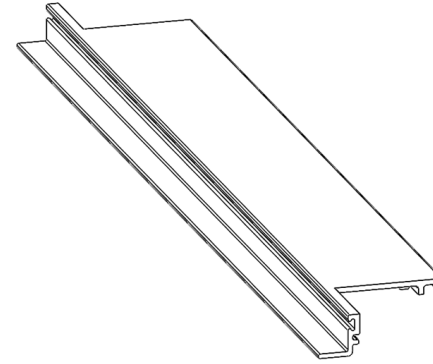
Step 1: Fixed Panel Installation – Parts Required



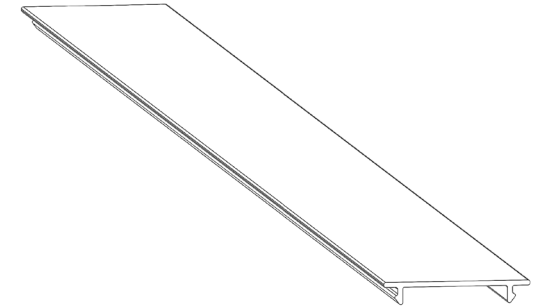
#11: EX7305XX Fixed
Sill Cover
2x



#13: EX7305XX Fixed
Jamb Cover
2x



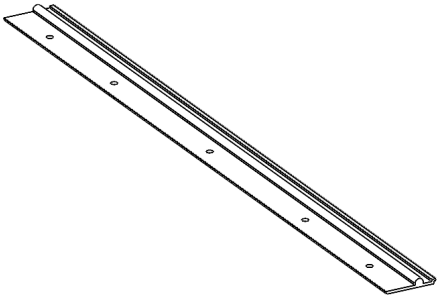
#12: EX7307XX Vent
Sill Cover
1x



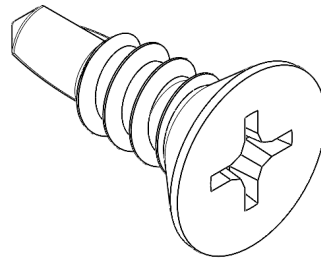
#9: PX5022XX Head Cover
1x

C700 4 Panel SGD Field Panel Installation

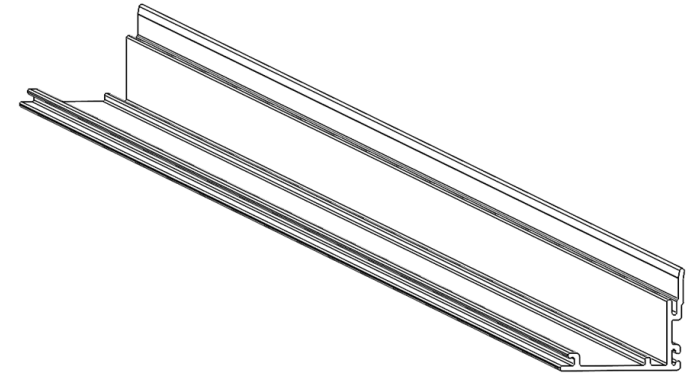
Step 1: Fixed Panel Installation – Parts Required



#10: EX7304XX Roller
Track
1x



#14: FA8210SSXX #8 x 1/2 PH
FH Self Drilling
40x

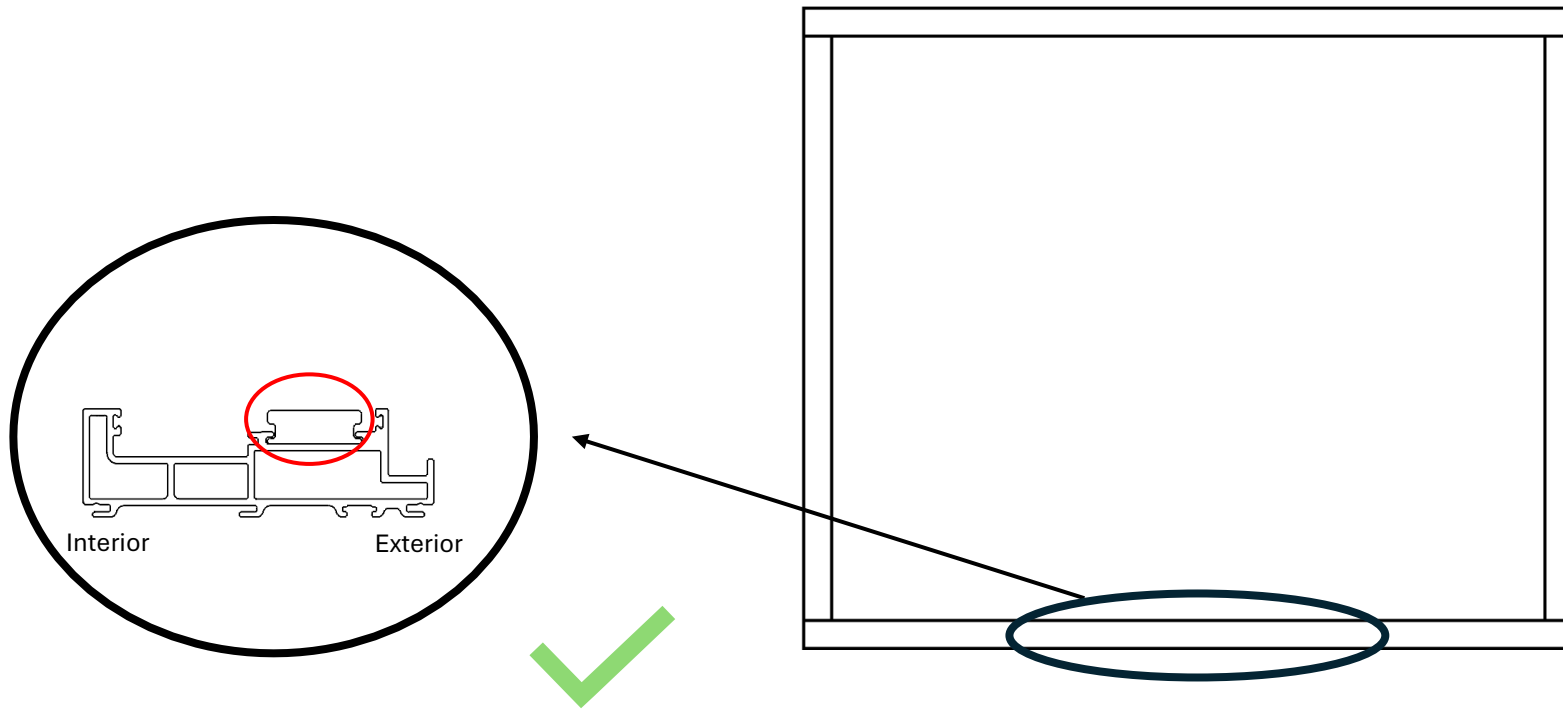


#17: PX5019XX Fixed Panel
Interlock 2x

C700 4 Panel SGD Field Panel Installation

Step 2: Fixed Panel Installation

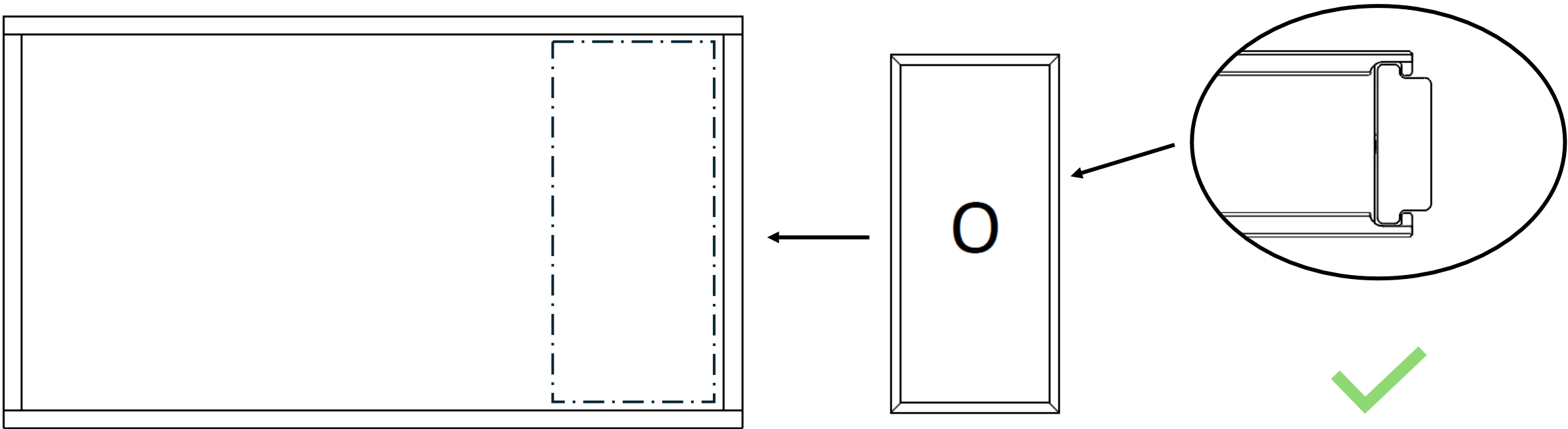
- Locate both Fixed Panels for installation. Slide both pre-attached Fixed Panel sill join bars (circled in red) towards the middle of the frame. The Fixed Panel will install on the exterior track.



C700 4 Panel SGD Field Panel Installation

Step 2: Fixed Panel Installation

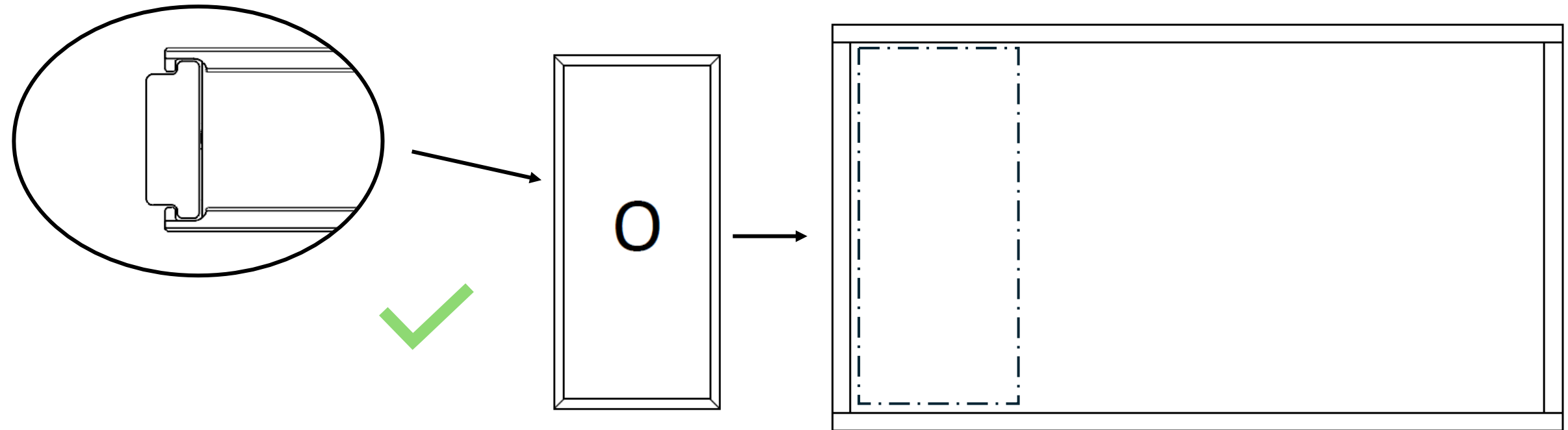
- The Fixed Panel is to be installed opposite of the vent panel strike. Fixed Panel jamb Join Bar should be oriented to face the frame jamb.



C700 4 Panel SGD Field Panel Installation

Step 2: Fixed Panel Installation

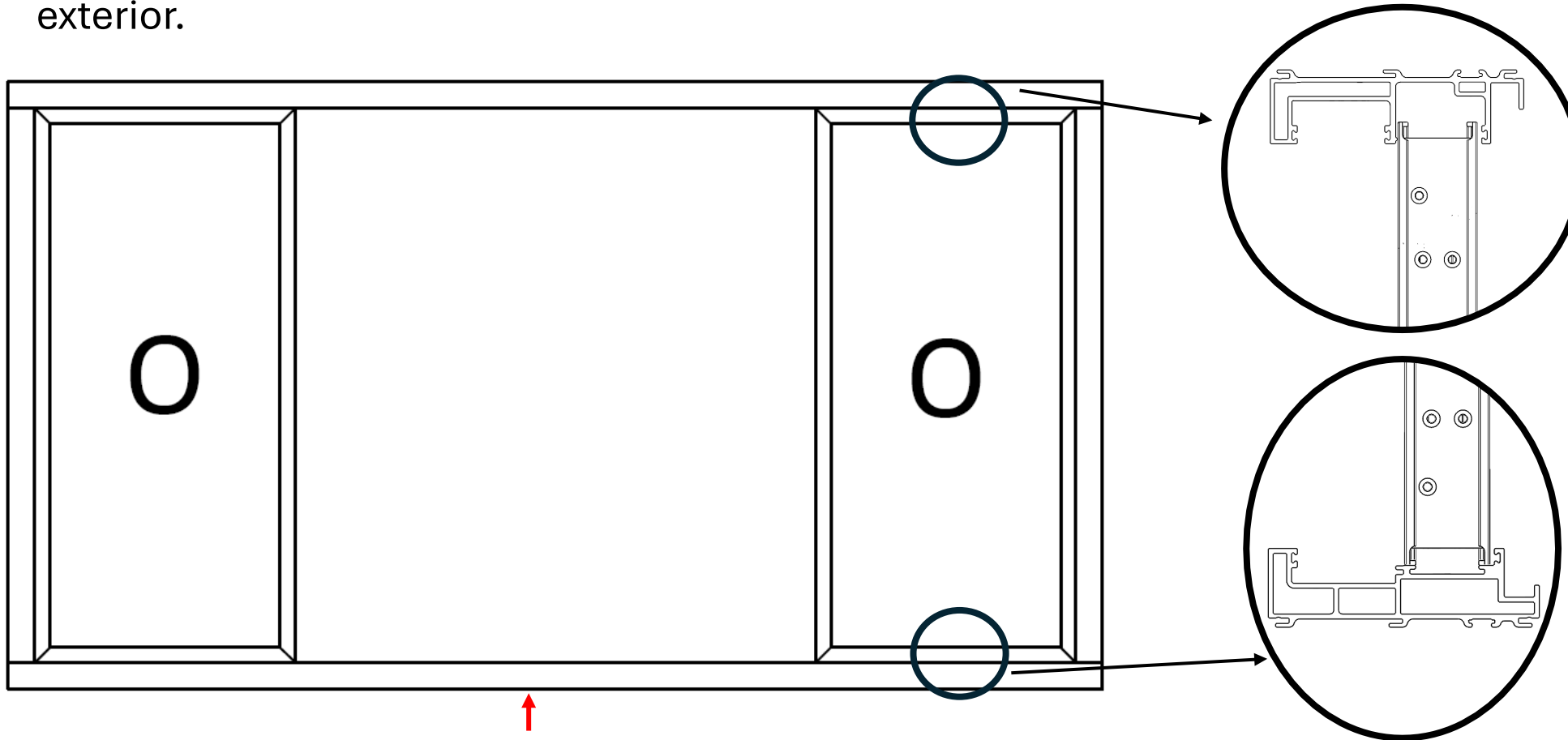
- The Fixed Panel is to be installed opposite of the vent panel strike. Fixed Panel jamb Join Bar should be oriented to face the frame jamb.



C700 4 Panel SGD Field Panel Installation

Step 2: Fixed Panel Installation

- Install Fixed Panel by pushing it diagonally into the head cavity first then lowering it onto the sill from the exterior.

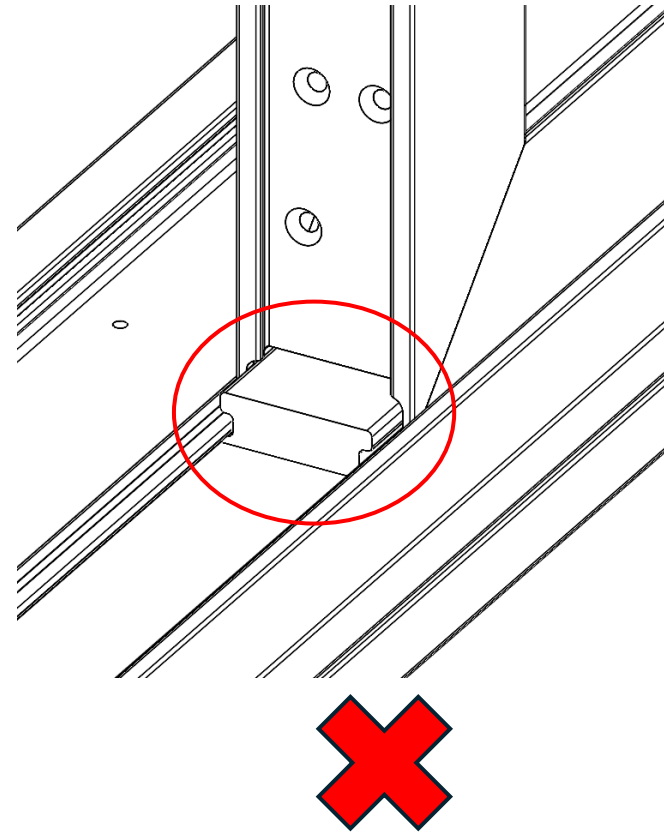
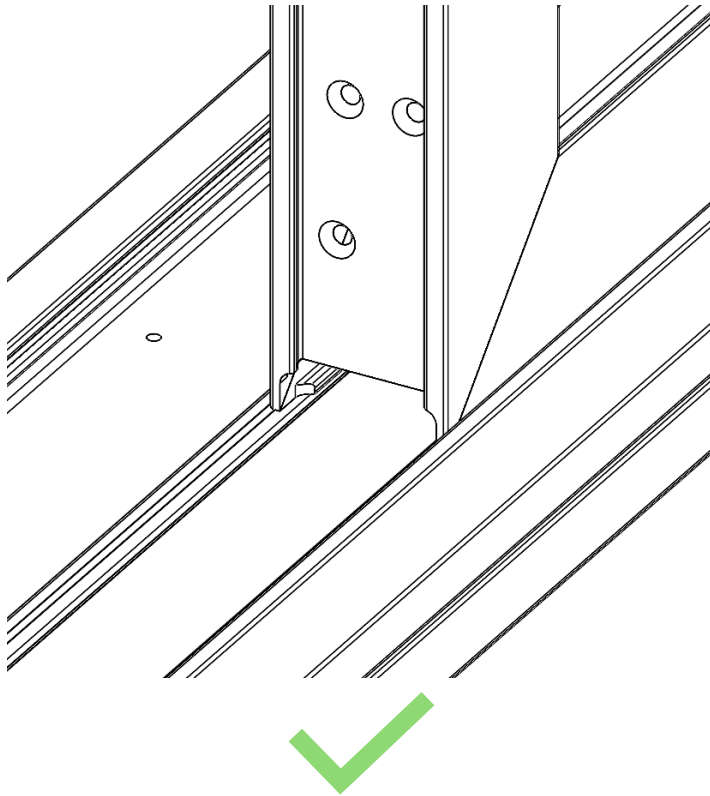


Note: Glazing bead on the panel should be facing the exterior of the door.

C700 4 Panel SGD Field Panel Installation

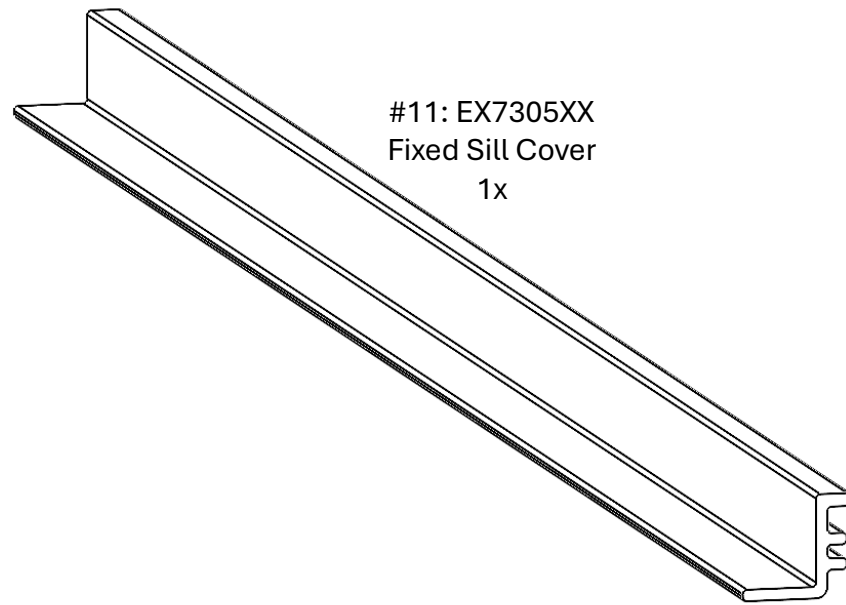
Step 2: Fixed Panel Installation

- Slide the 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. 1 Join Bar per panel.

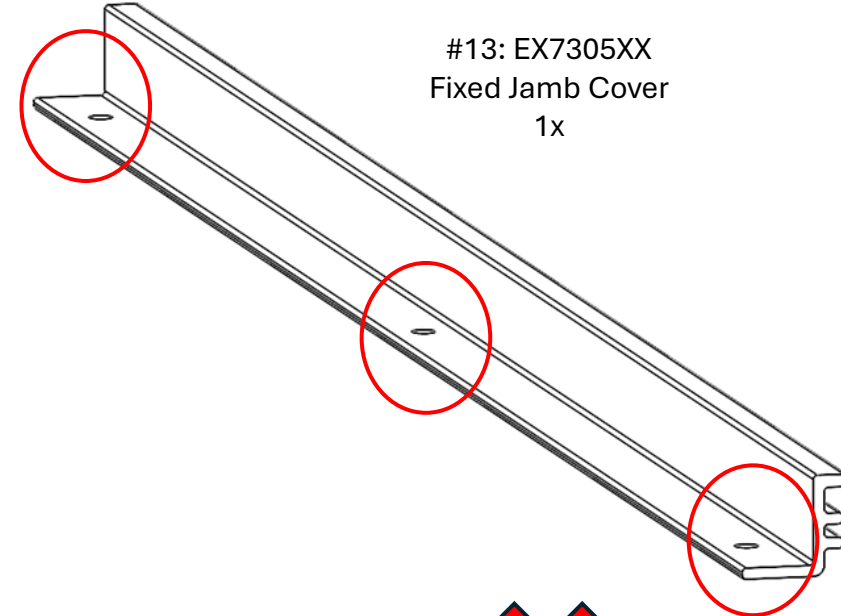


C700 4 Panel SGD Field Panel Installation

Step 3: Fixed Sill Cover Installation – Part Identification



#11: EX7305XX
Fixed Sill Cover
1x



#13: EX7305XX
Fixed Jamb Cover
1x



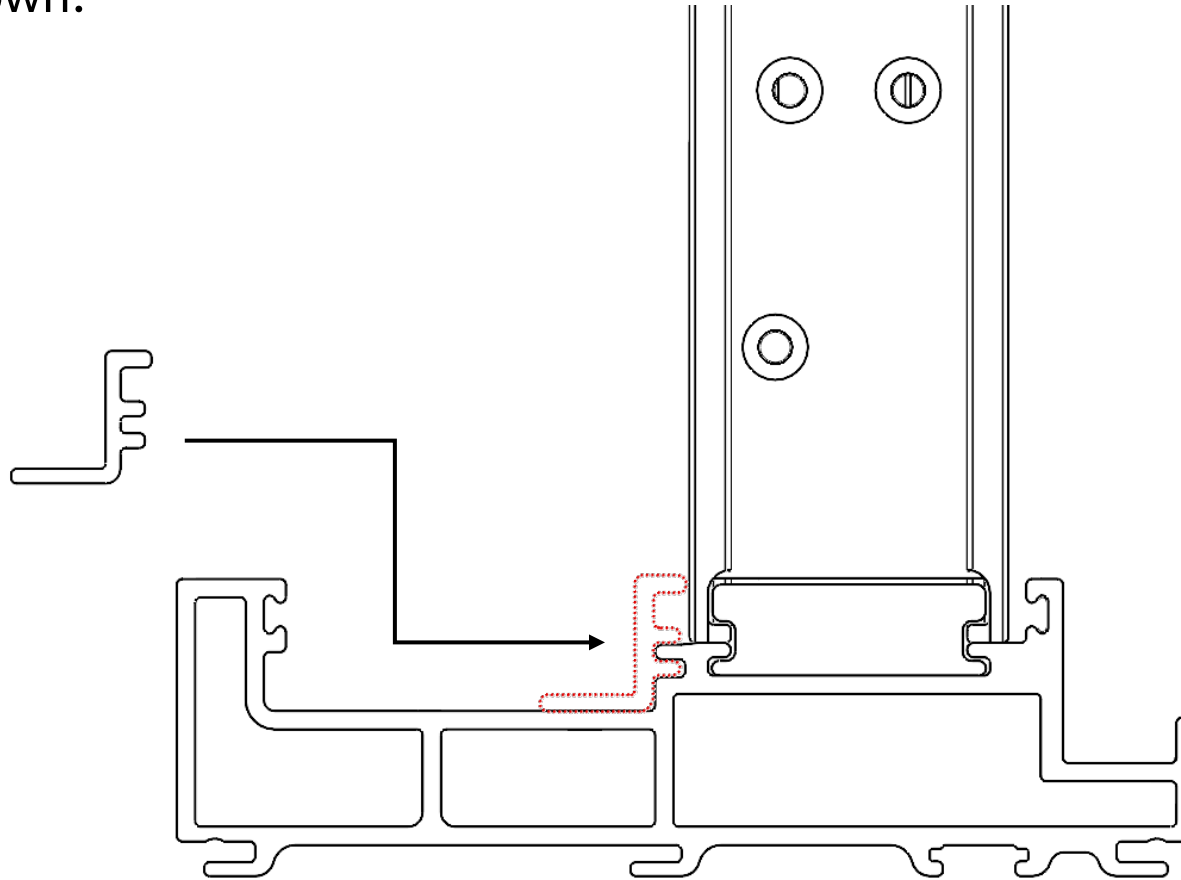
C700 4 Panel SGD Field Panel Installation

Step 3: Fixed Sill Cover Installation

- Attach trim piece as shown.

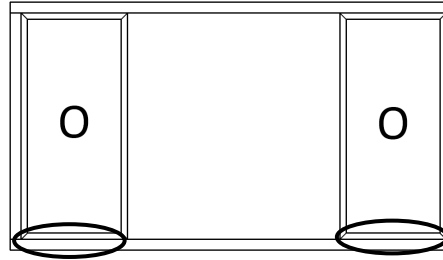


Note: Diagram for 1 side shown.
Part must be installed as shown on
both fixed panels.

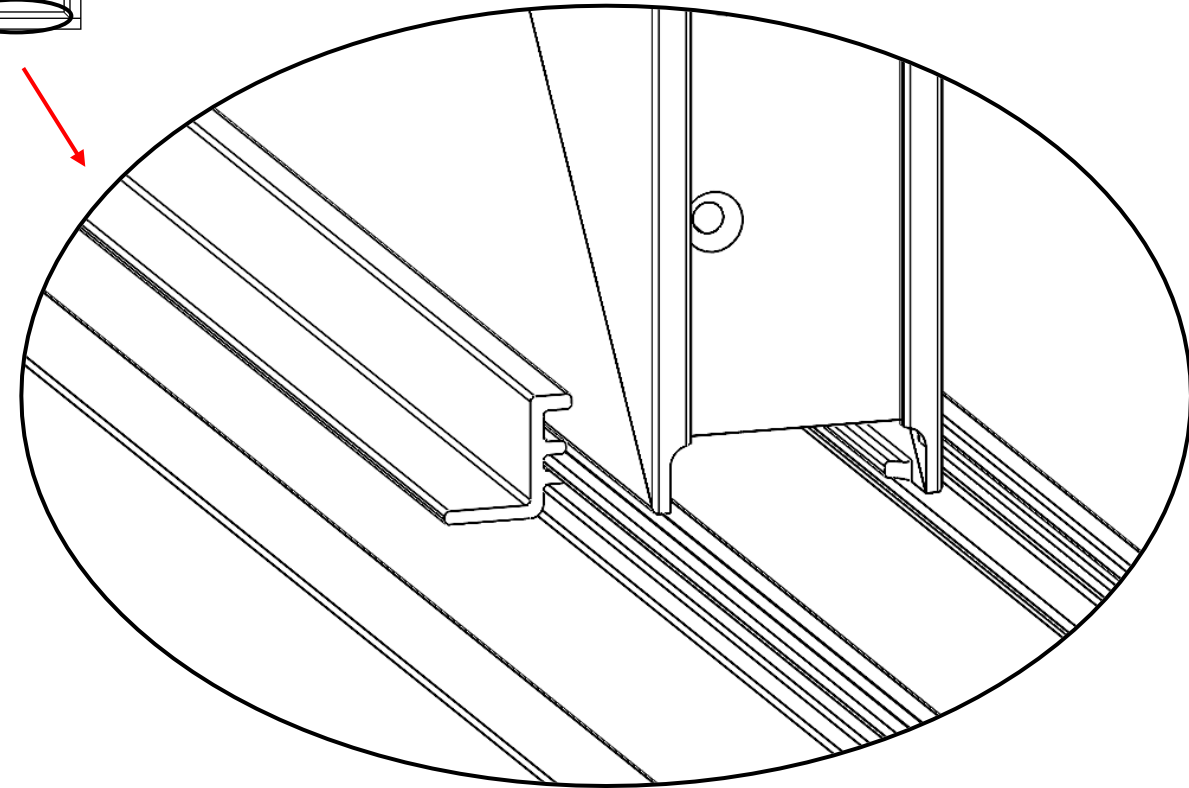
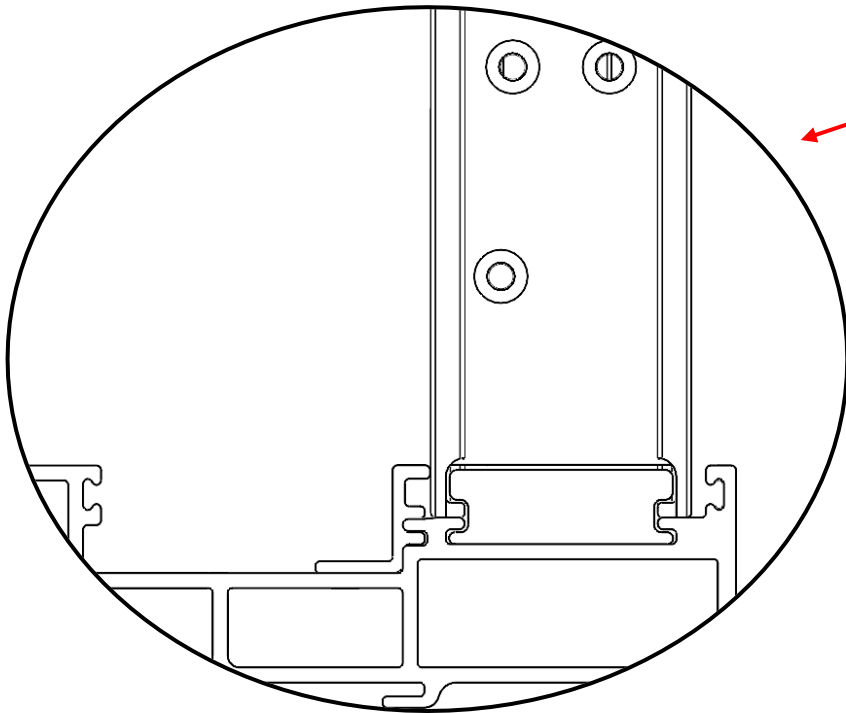


C700 4 Panel SGD Field Panel Installation

Step 3: Fixed Sill Cover Installation



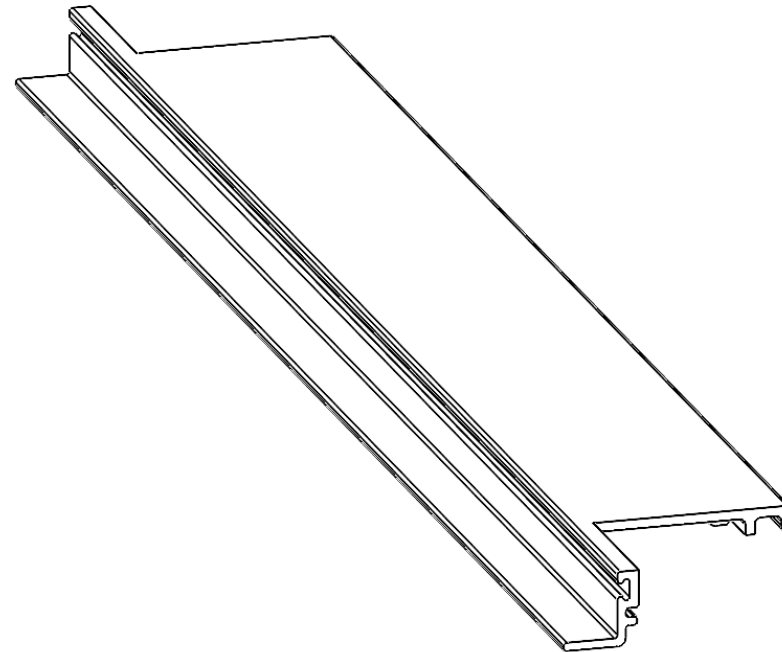
Note: Diagram for 1 side shown.
Part must be installed as shown on
both fixed panels.



C700 4 Panel SGD Field Panel Installation

Step 4: Vent Sill Cover Installation – Part Identification

#12: EX7307XX Vent
Sill Cover
1x



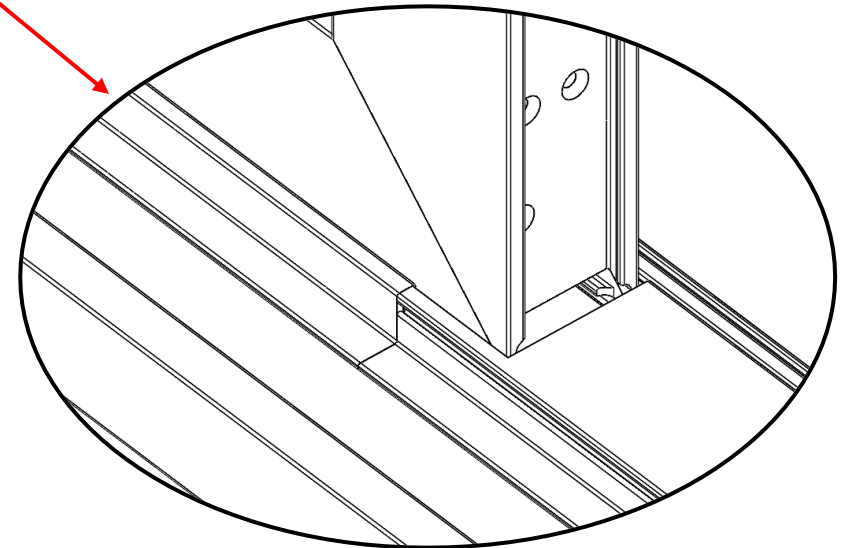
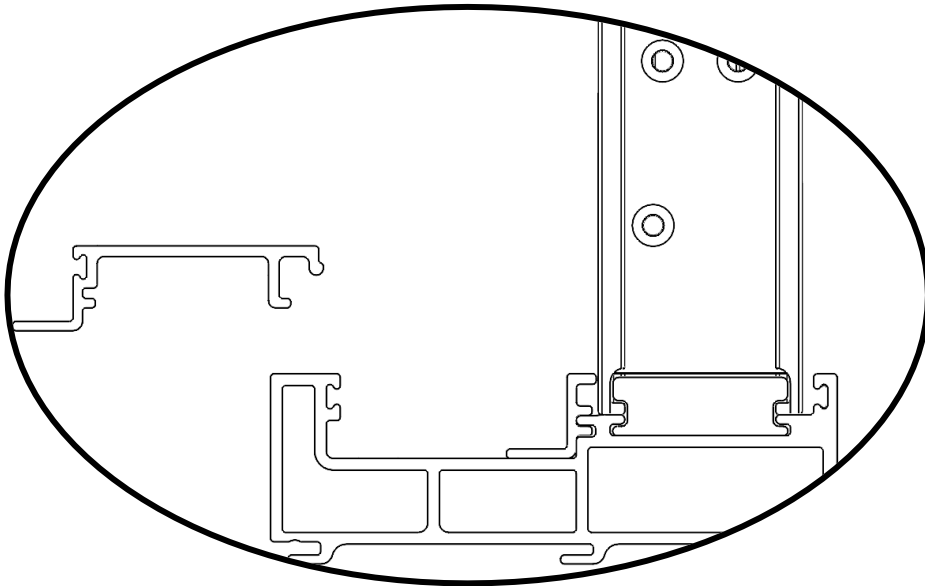
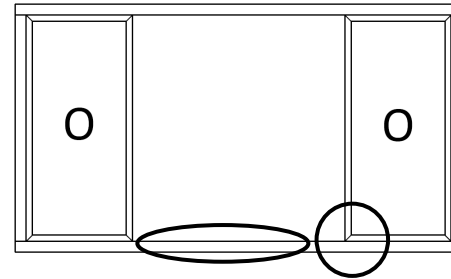
C700 4 Panel SGD Field Panel Installation

Step 4: Vent Sill Cover Installation

- Attach trim piece as shown. The side with the notch back should face the fixed panel.

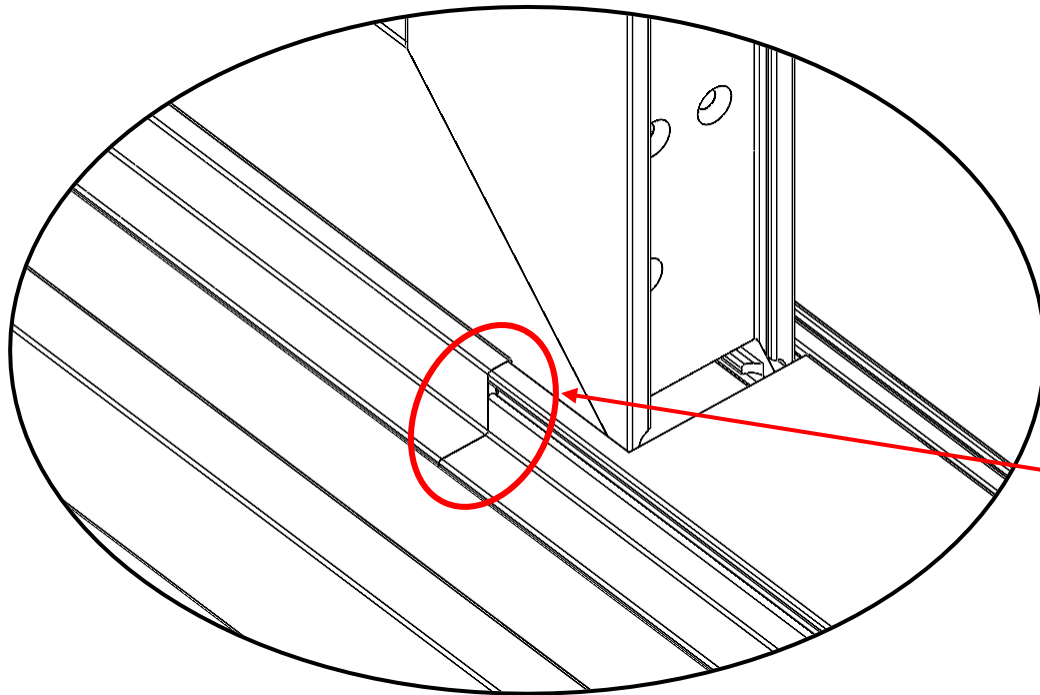
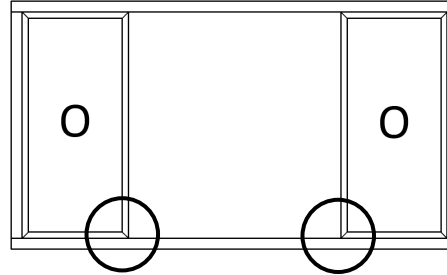


Note: Diagram for 1 side shown.
Part must be installed as shown on
both fixed panels.

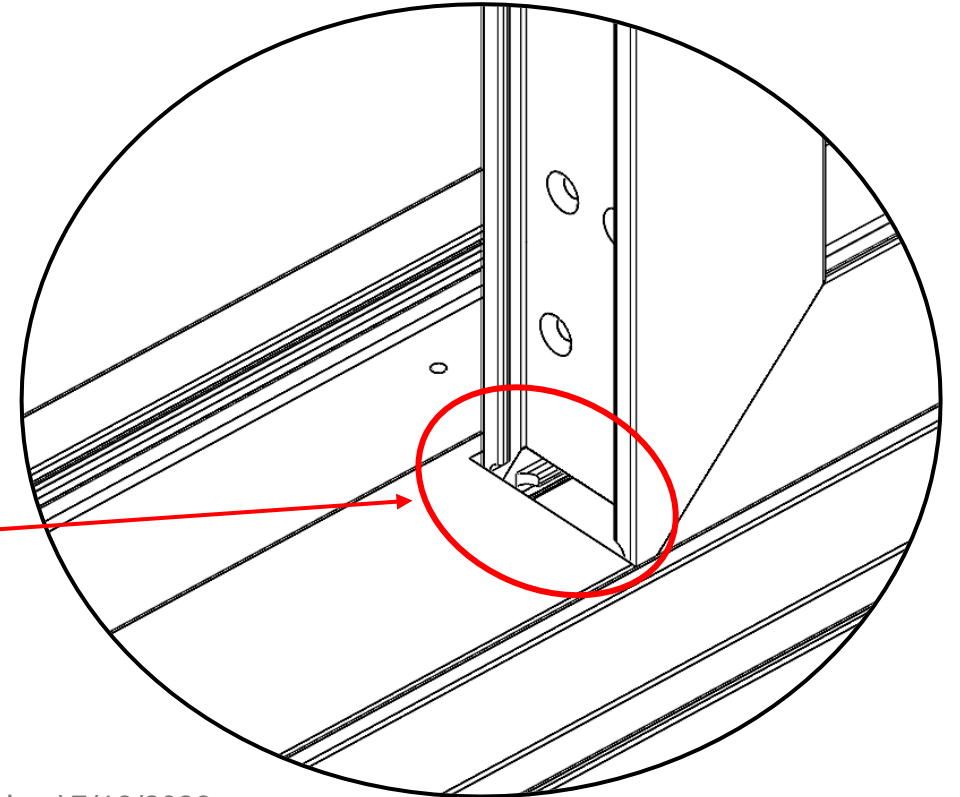


C700 4 Panel SGD Field Panel Installation

Step 4: Vent Sill Cover Installation



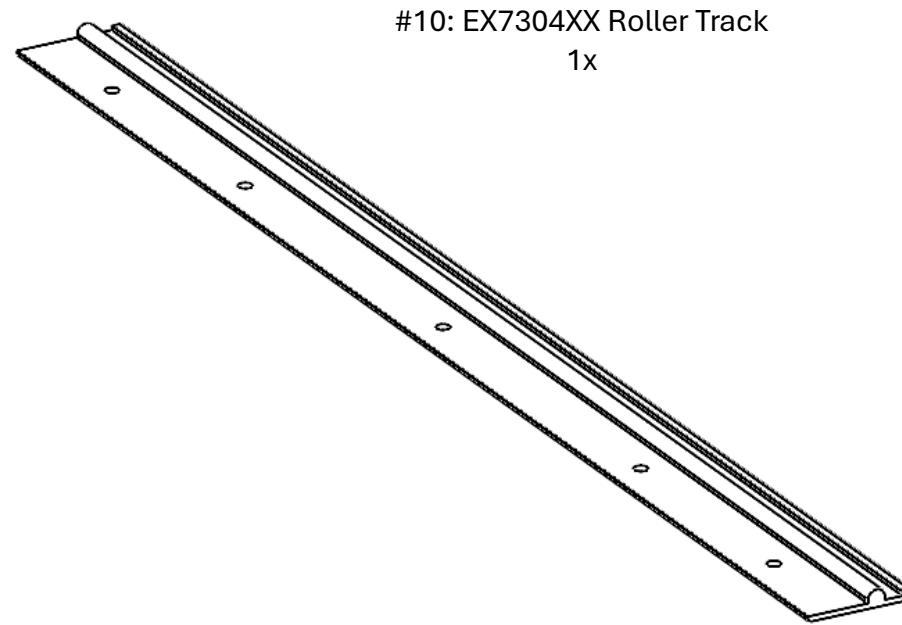
Flush



C700 4 Panel SGD Field Panel Installation

Step 5: Roller Track Installation – Part Identification

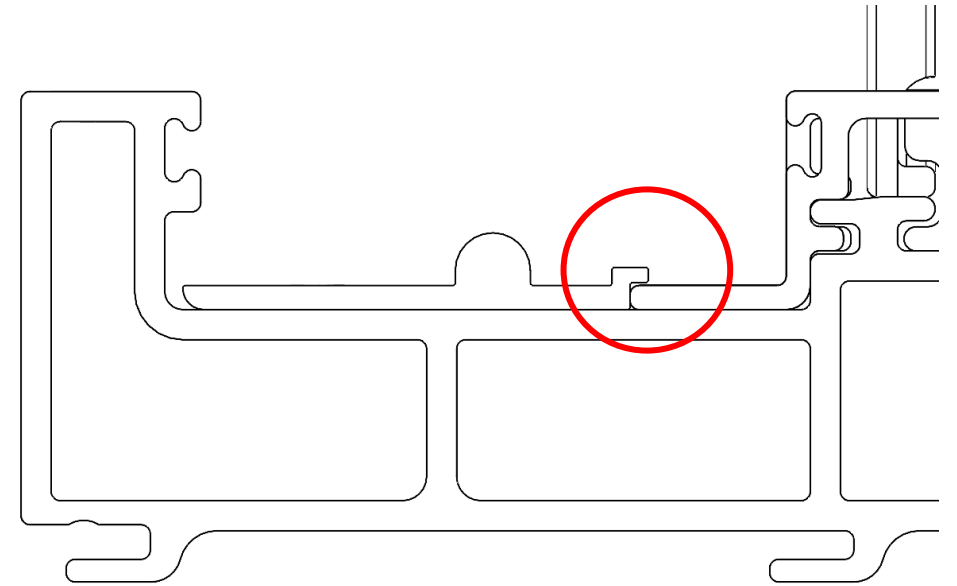
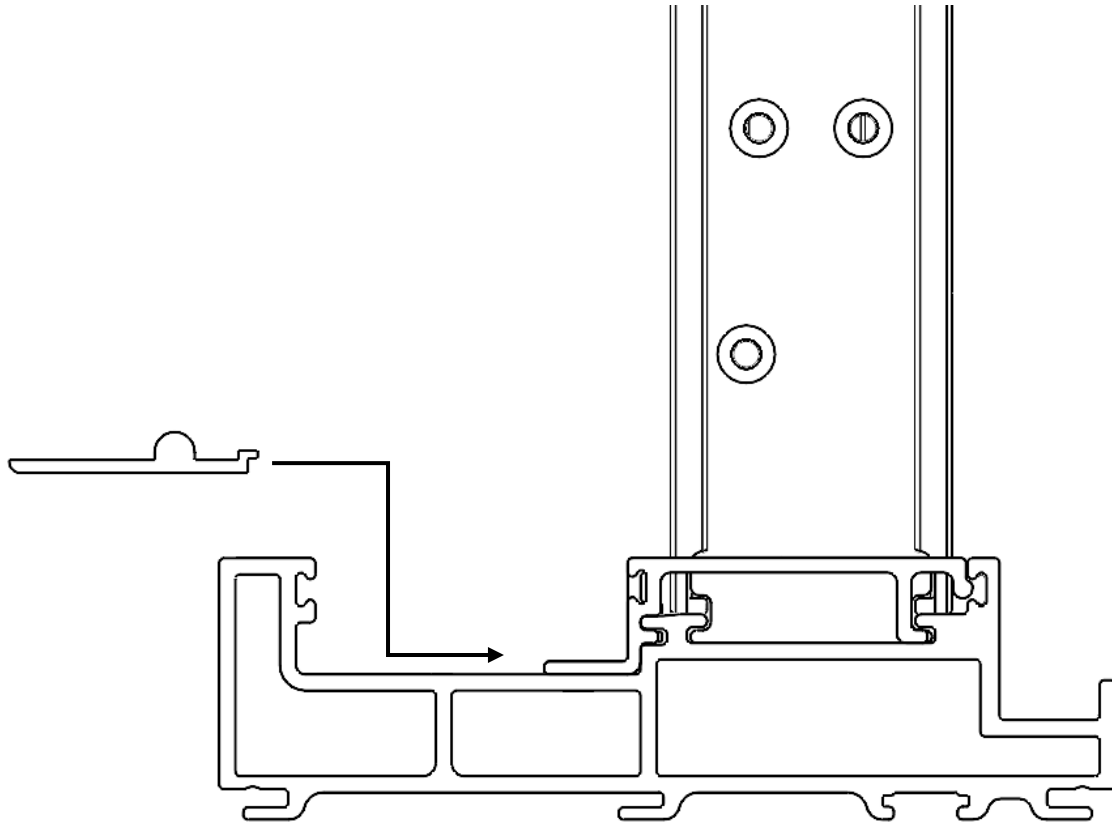
- Locate the Roller track for installation.



#10: EX7304XX Roller Track
1x

C700 4 Panel SGD Field Panel Installation

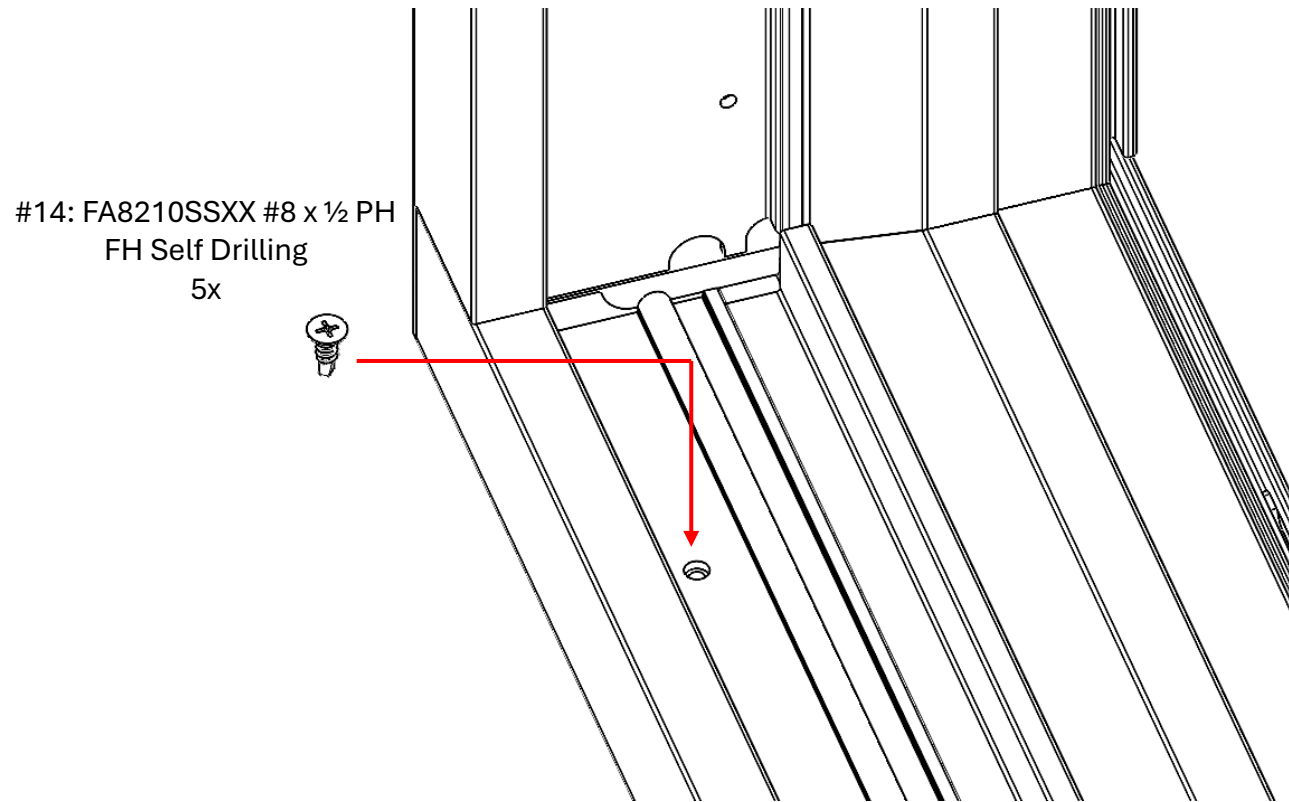
Step 5: Roller Track Installation



C700 4 Panel SGD Field Panel Installation

Step 5: Roller Track Installation

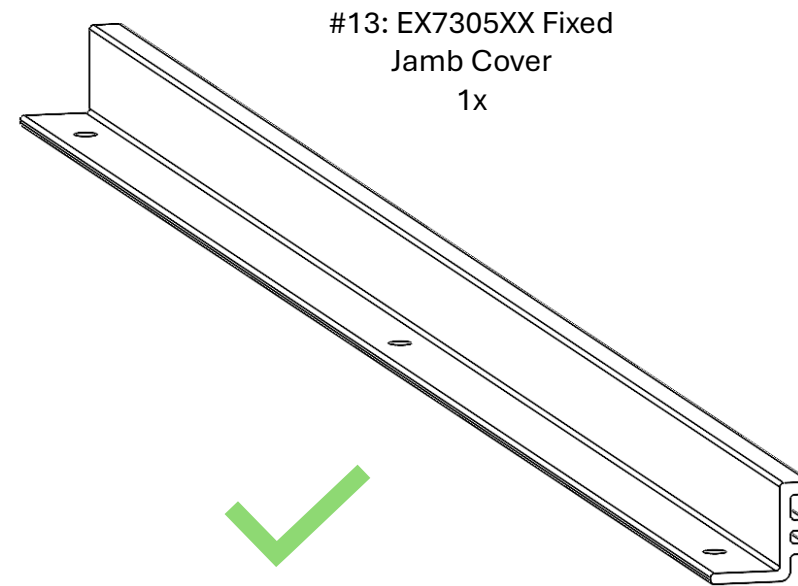
- Align the pre-punched holes on the roller track with the pre-punched holes on the frame sill.



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 4 Panel SGD Field Panel Installation

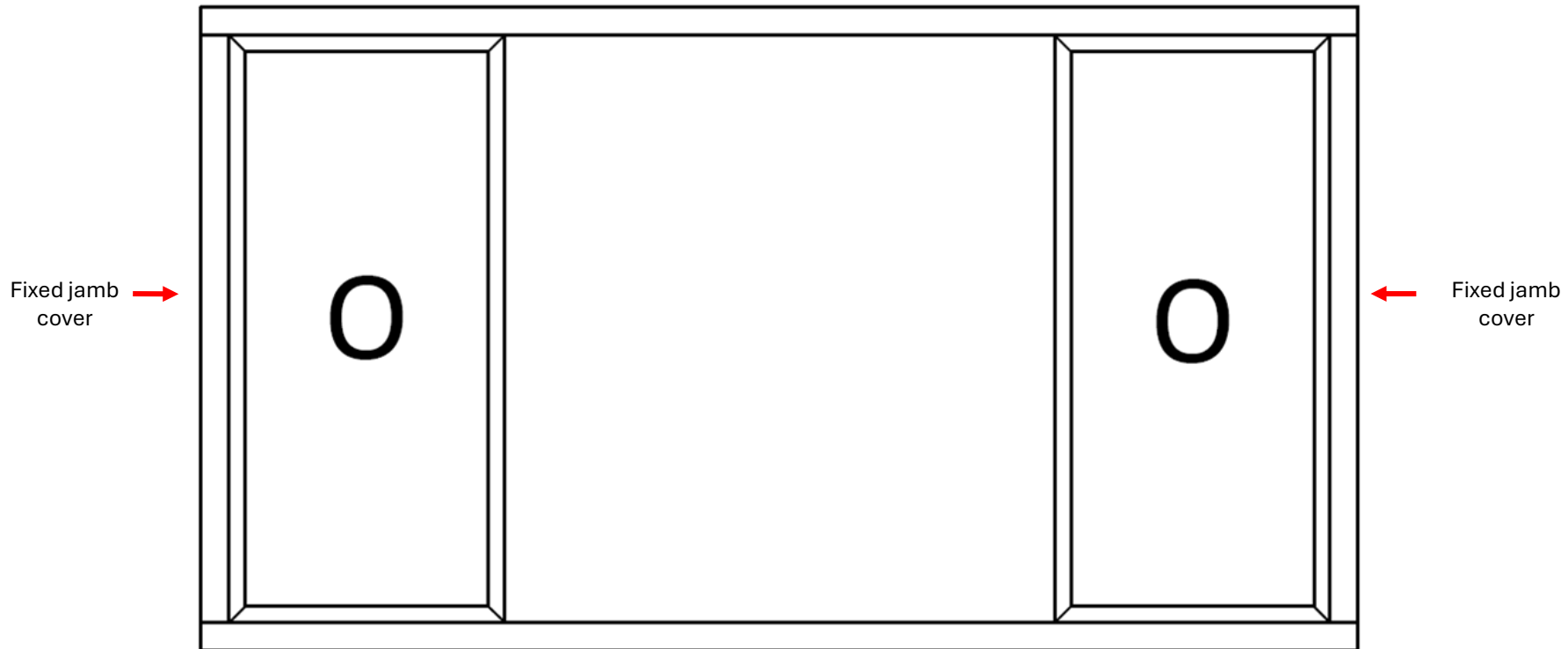
Step 6: Fixed Jamb Cover Installation – Part Identification



C700 4 Panel SGD Field Panel Installation

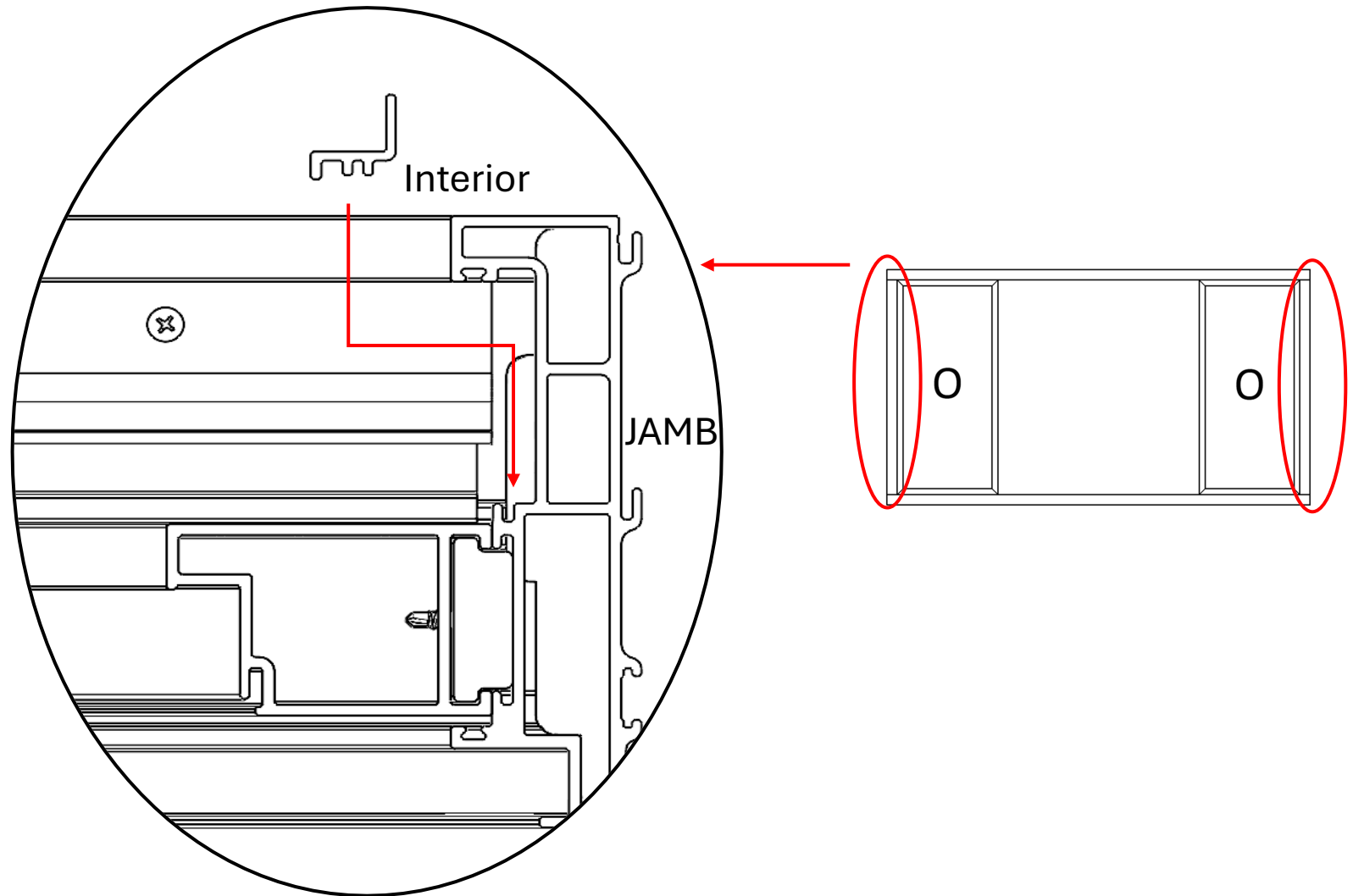
Step 6: Fixed Jamb Cover Installation

-This piece will attach to the frame jamb opposite of the vent strike.



C700 4 Panel SGD Field Panel Installation

Step 6: Fixed Jamb Cover Installation

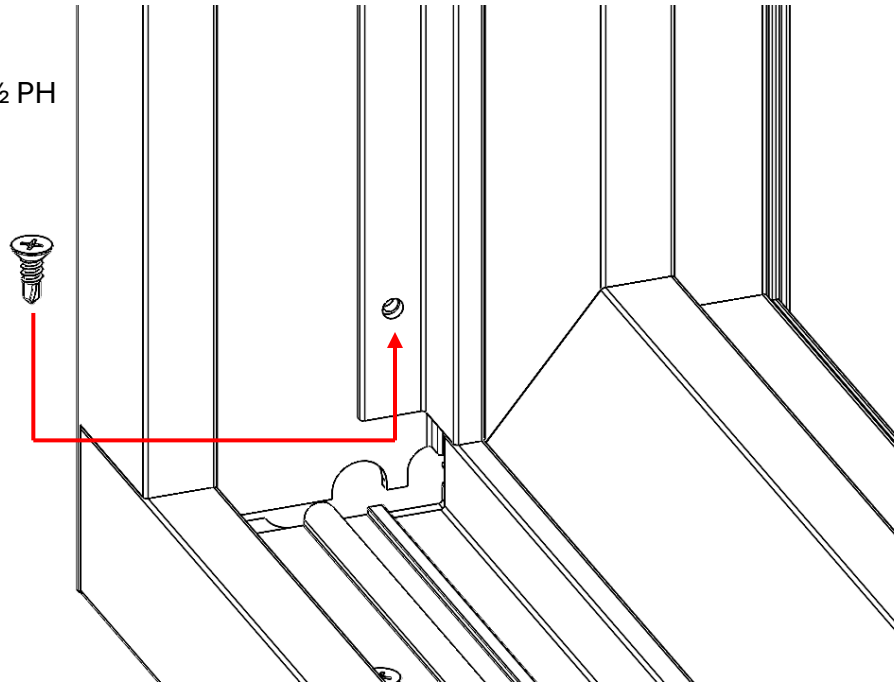


C700 4 Panel SGD Field Panel Installation

Step 6: Fixed Jamb Cover Installation

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

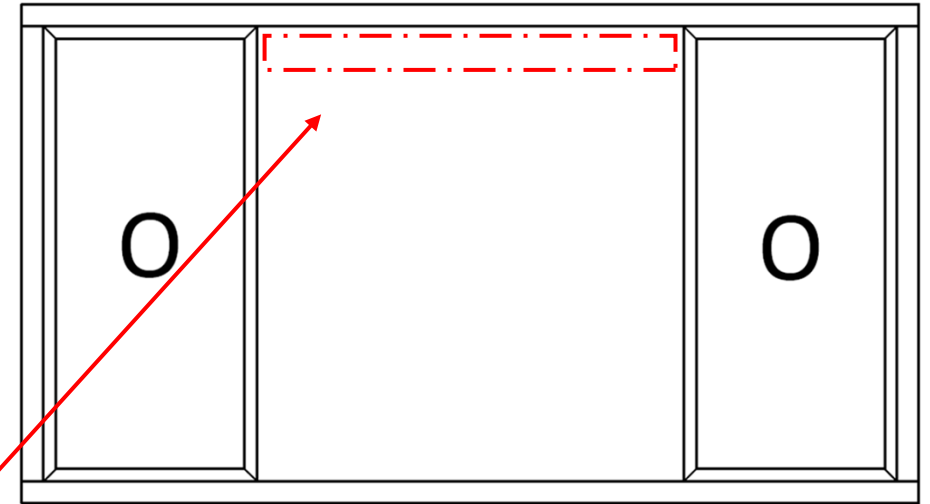
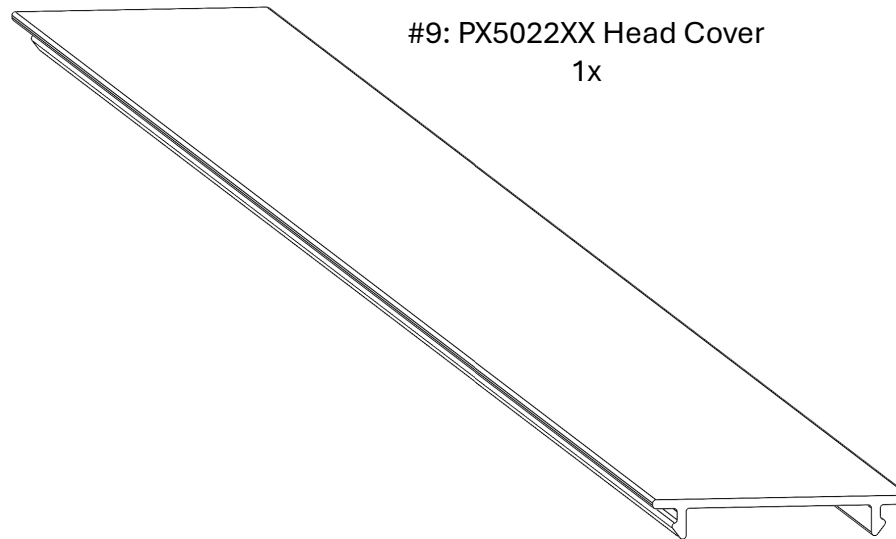
#14: FA8210SSXX #8 x 1/2 PH
FH Self Drilling
3x



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.

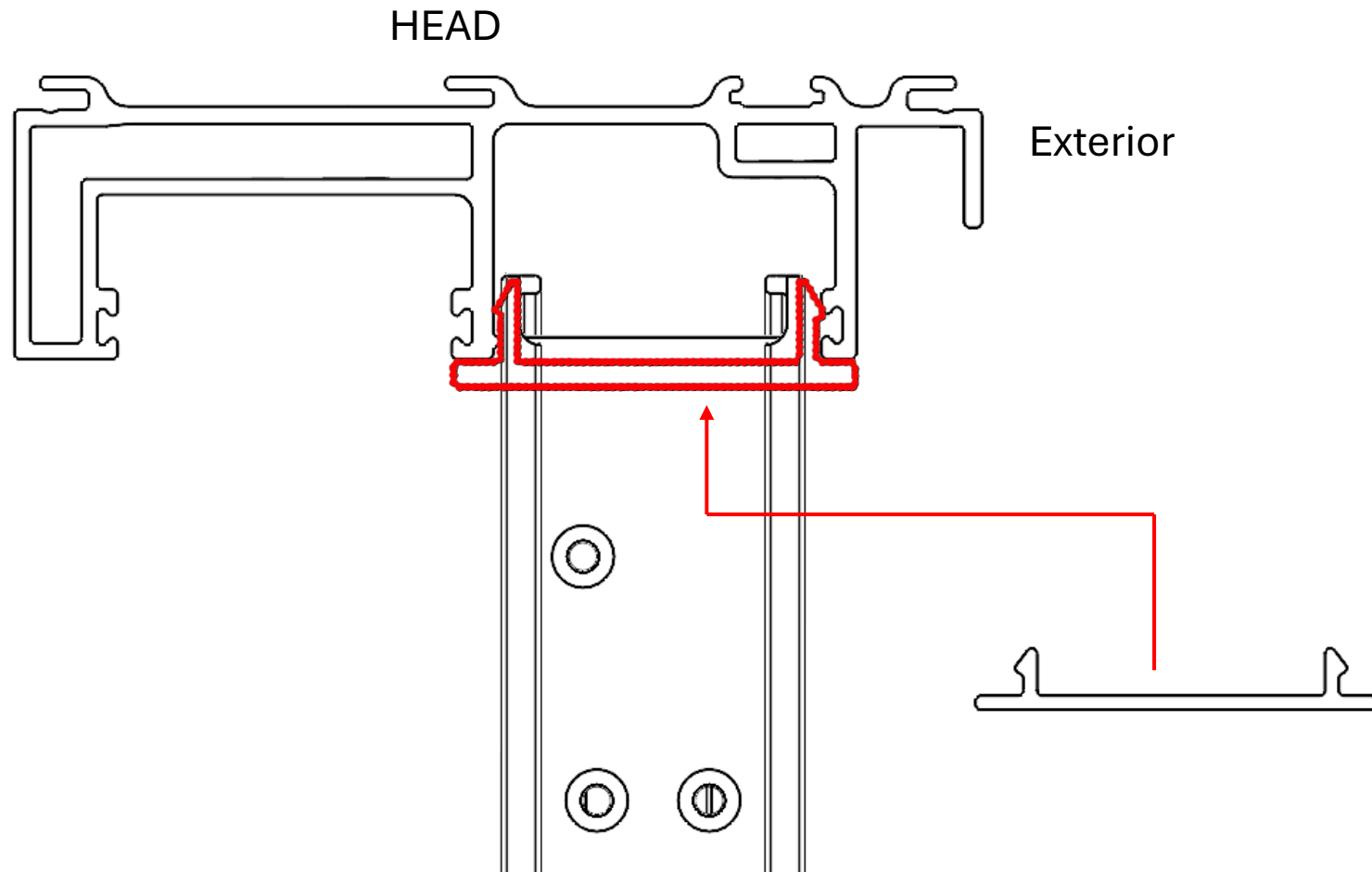
C700 4 Panel SGD Field Panel Installation

Step 7: Head Cover Installation



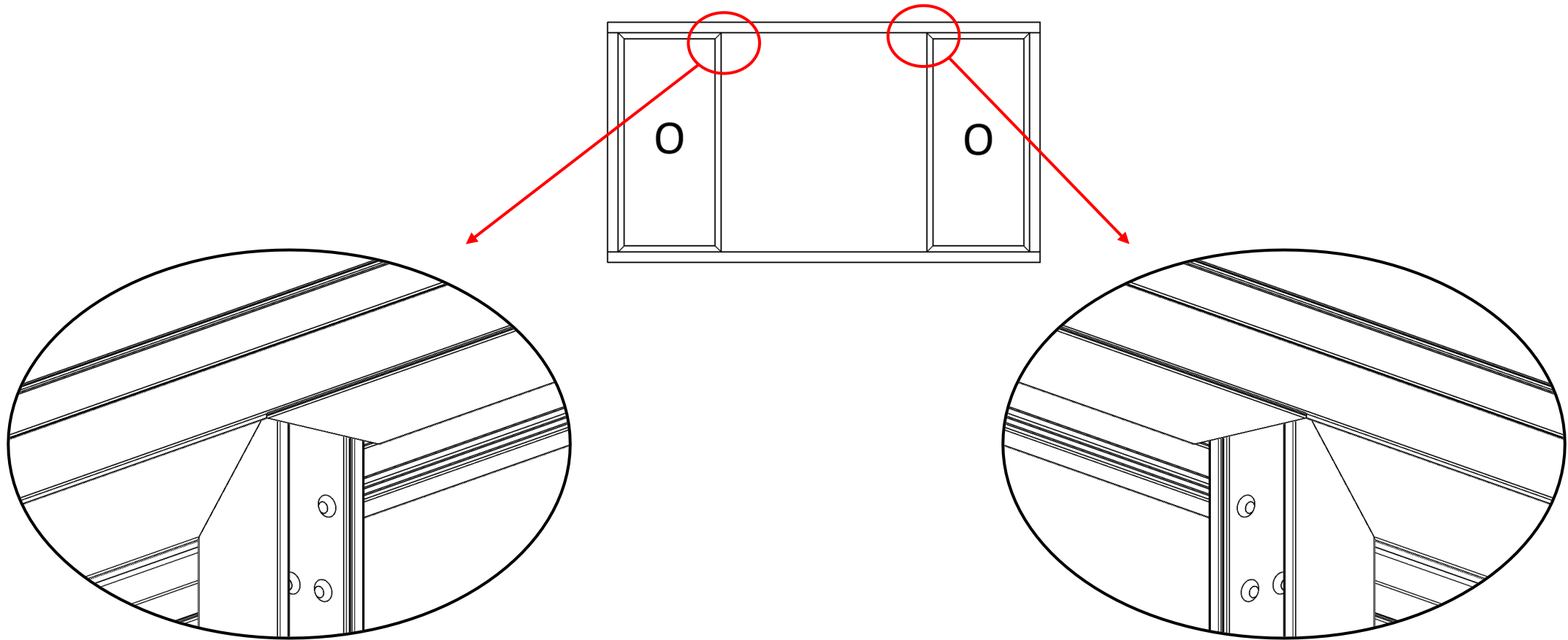
C700 4 Panel SGD Field Panel Installation

Step 7: Head Cover Installation



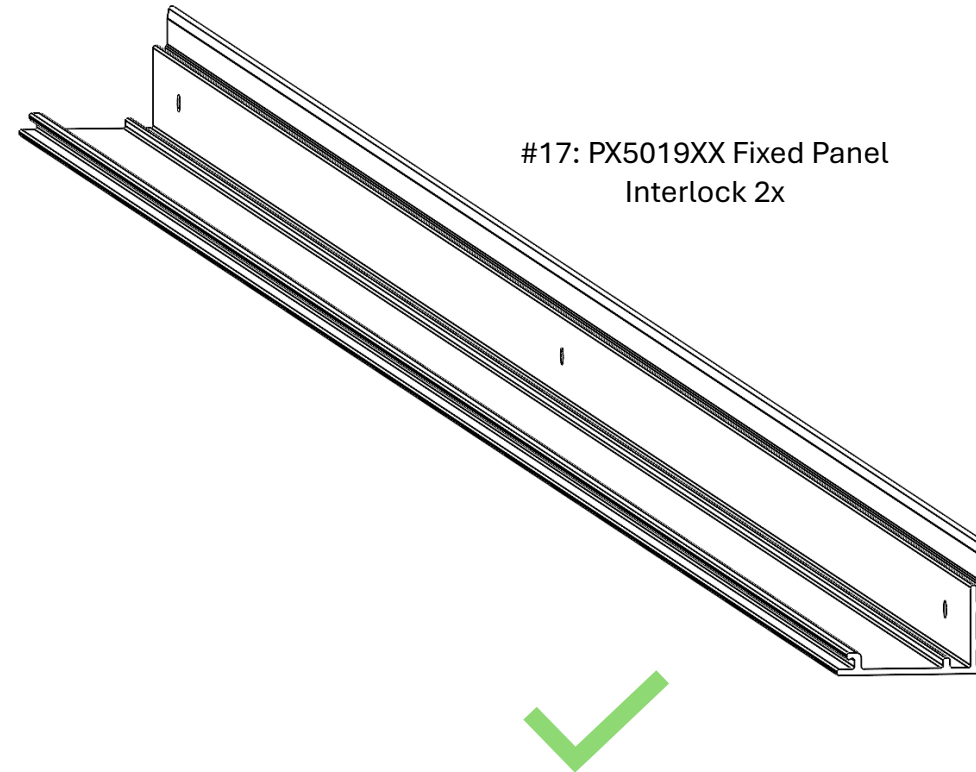
C700 4 Panel SGD Field Panel Installation

Step 7: Head Cover Installation



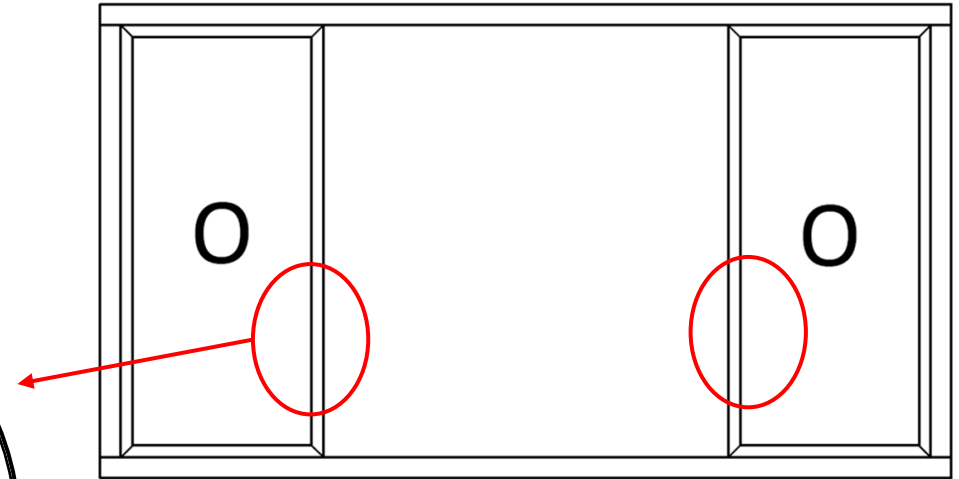
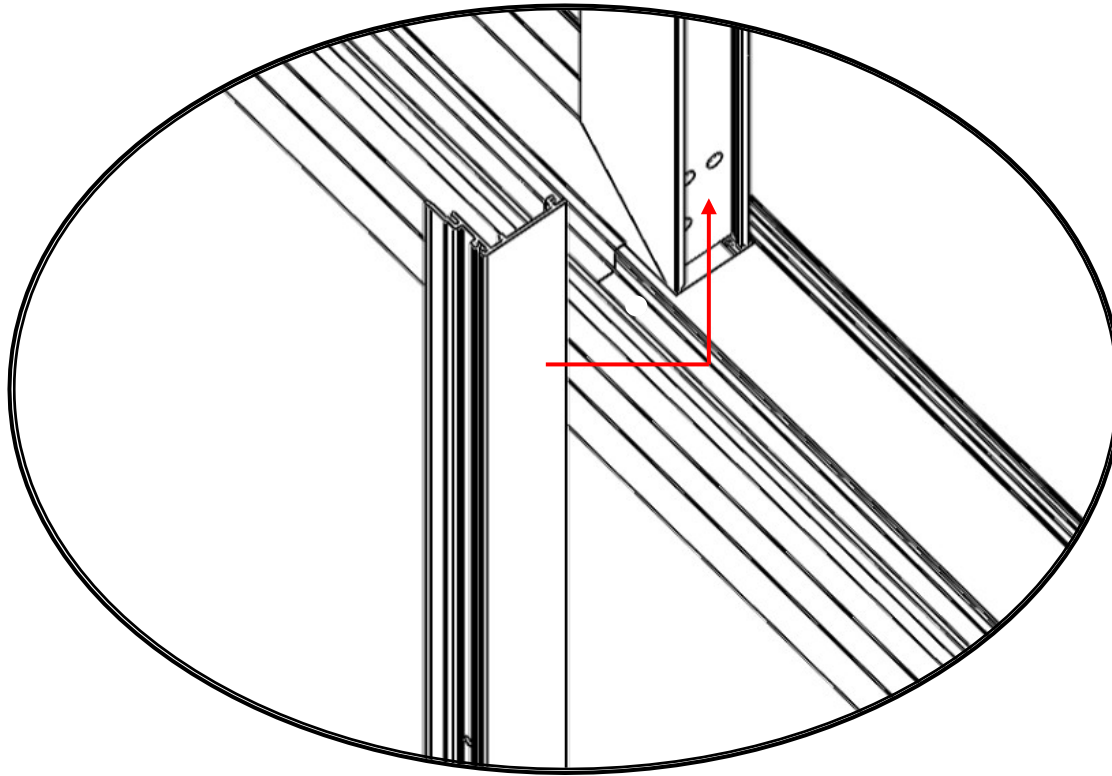
C700 4 Panel SGD Field Panel Installation

Step 8: Fixed Panel Interlock Installation – Part Identification



C700 4 Panel SGD Field Panel Installation

Step 8: Fixed Panel Interlock Installation



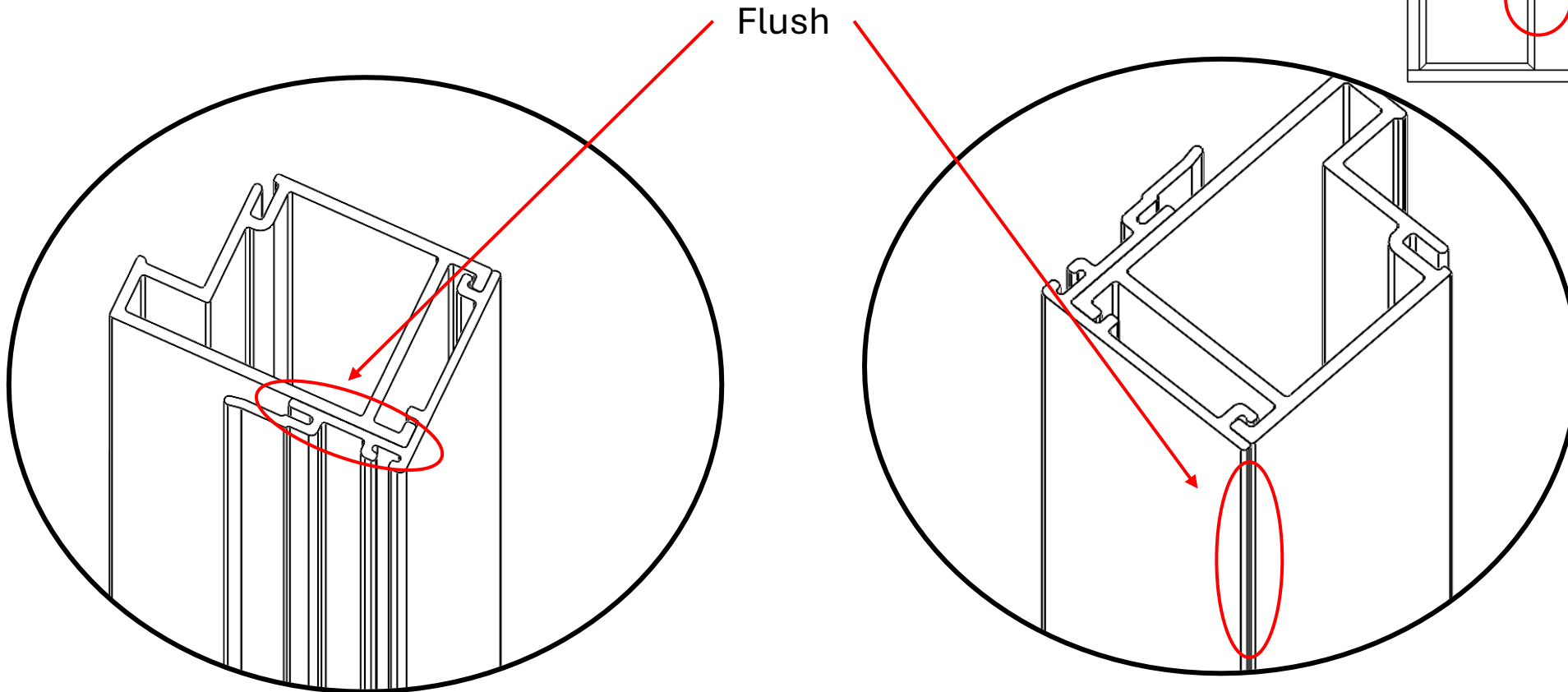
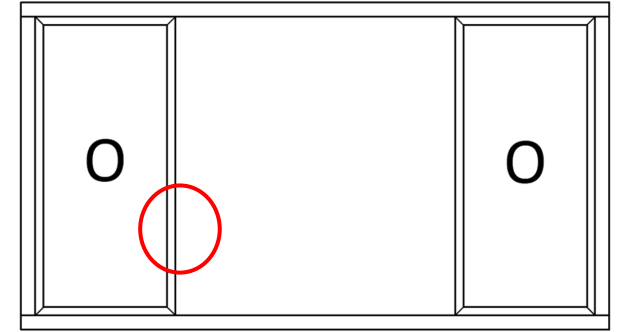
Note: Diagram for 1 side shown. Part must be installed as shown on both fixed panels. Diagram shows a shorter cross-section view of the interlock. Actual part is longer.

C700 4 Panel SGD Field Panel Installation

Step 8: Fixed Panel Interlock Installation

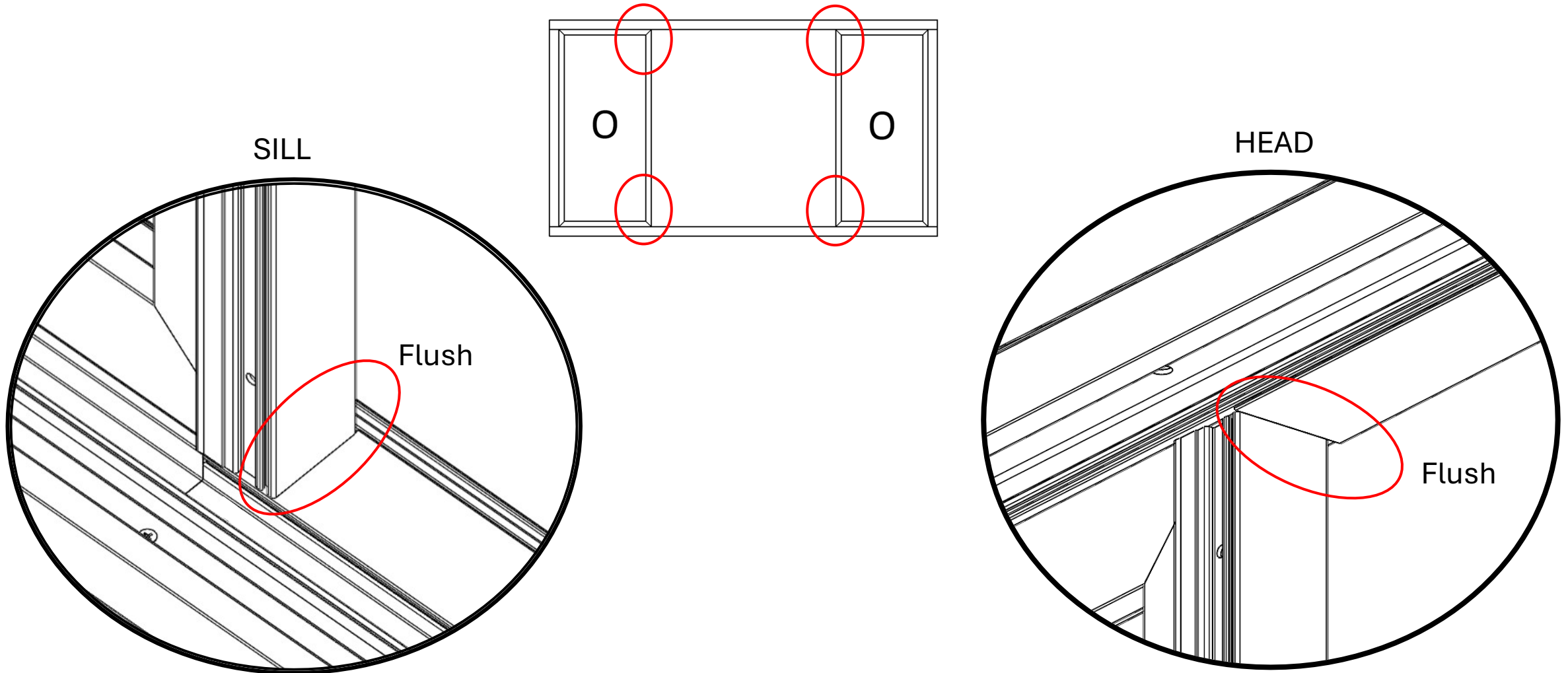


Note: Diagram for 1 side shown.
Part must be installed as shown on
both fixed panels.



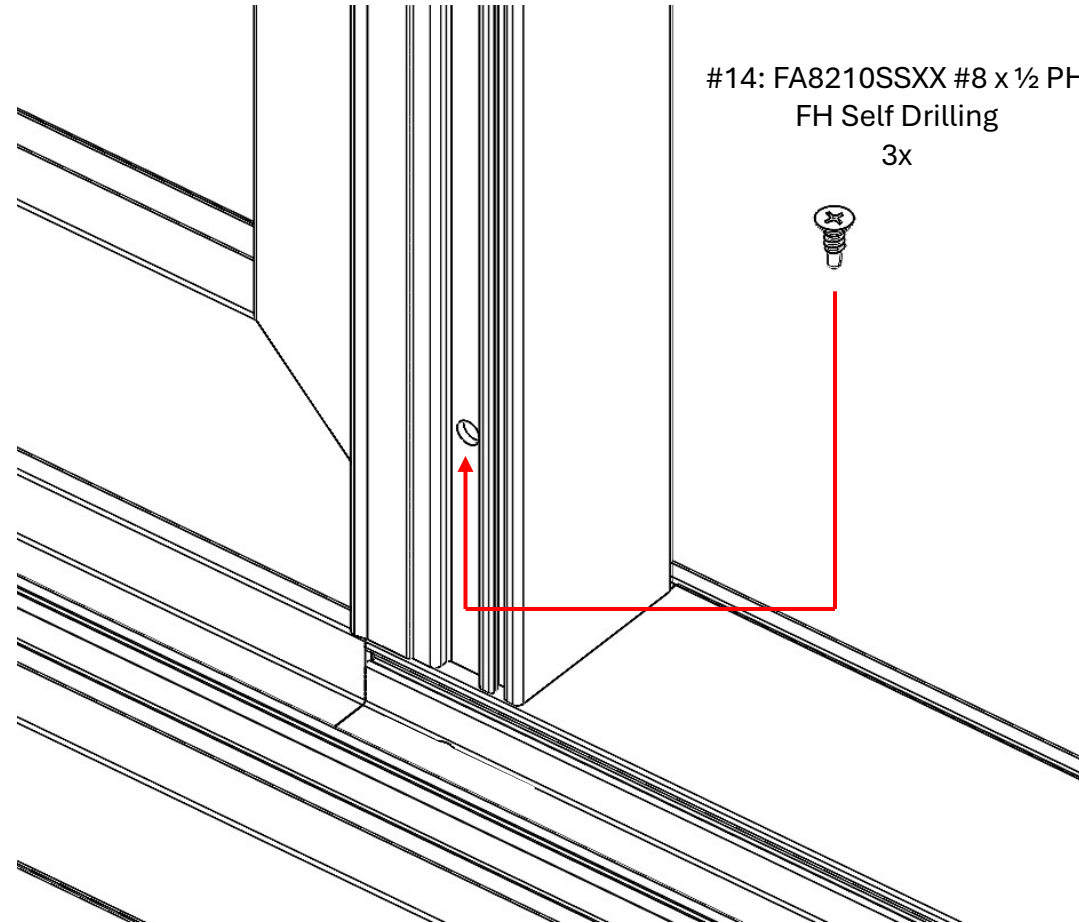
C700 4 Panel SGD Field Panel Installation

Step 8: Fixed Panel Interlock Installation



C700 4 Panel SGD Field Panel Installation

Step 8: Fixed Panel Interlock Installation

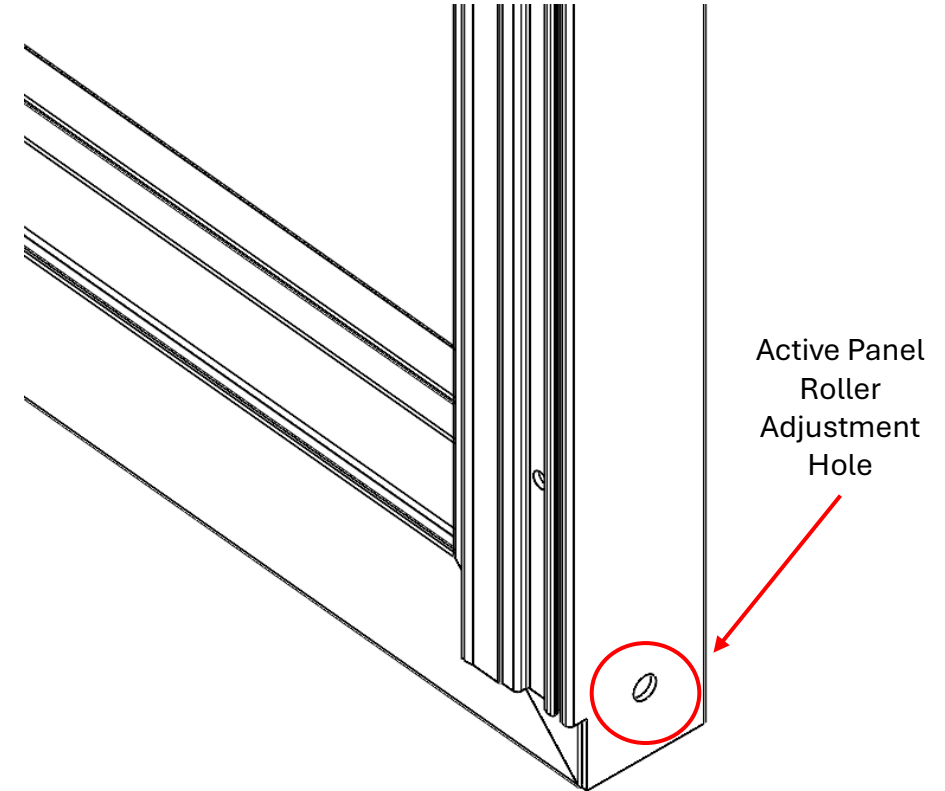


Note: Diagram for 1 side shown. All pre-punched holes on this piece must be fastened to both fixed panels using screws.

C700 4 Panel SGD Field Panel Installation

Step 9: Active Panel Installation

- Install the active and passive panel over the roller track by pushing panel diagonally into the head. *Ensure the glazing bead faces the exterior of the door.*
- Adjust rollers as necessary using a Phillips head screwdriver.



C700 4 Panel SGD Field Panel Installation

Step 10: Mortise Strike Adjustment

Mortise strike is adjusted using the three screws on the surface.

Guidelines:

- Adjusting strike all the way out may cause daylight to come in between the panels. Max strike adjustment distance = 1/16"
- Adjust strike towards the interior or exterior to improve alignment with pin on mortise lock

