

POCKET DOOR INSTALLATION GUIDE



CASCADE
W I N D O W S

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POCKET DOOR

INSTALLATION INSTRUCTIONS



THINGS TO KNOW

Hazard Notations

Mistakes or misuse could cause damage to the product or result in a faulty installation.	Heavy object. Unassisted lifting may cause injury.	Information on helpful tips and procedures.

Tools needed

- #2 Phillips Screwdriver
- Pry Bar
- Drill
- Square
- Tape Measure
- Fine Tooth Chop Saw
- Safety Glasses
- Utility Knife
- Level
- Hammer

Supplies needed

- Construction Adhesive
- Flashing
- Shims
- Staples
- Low Expanding Foam
- Door Pan

SAFETY & HANDLING

- **Understand ALL manufacturer's instructions before beginning to install your Cascade product.**
 - Do not work alone. Use safe lifting techniques.
 - Always wear your P.P.E. (e.g. safety glasses, gloves, ear protection, etc.).
 - Use caution when handling glass.
 - Operate hand/power tools safely and follow the manufacturer's operation instructions.
 - Do not put stress on corners of frames. Store door in a well-ventilated area in a vertical, leaning position to allow air circulation.
 - Protect from exposure to direct sunlight during storage.
 - Install only into vertical walls and when conditions and sheathing are dry.
- STORE THE BLIND PANEL ON A FLAT AND HORIZONTAL SURFACE IN A SAFE AREA OUT OF DIRECT SUNLIGHT.**

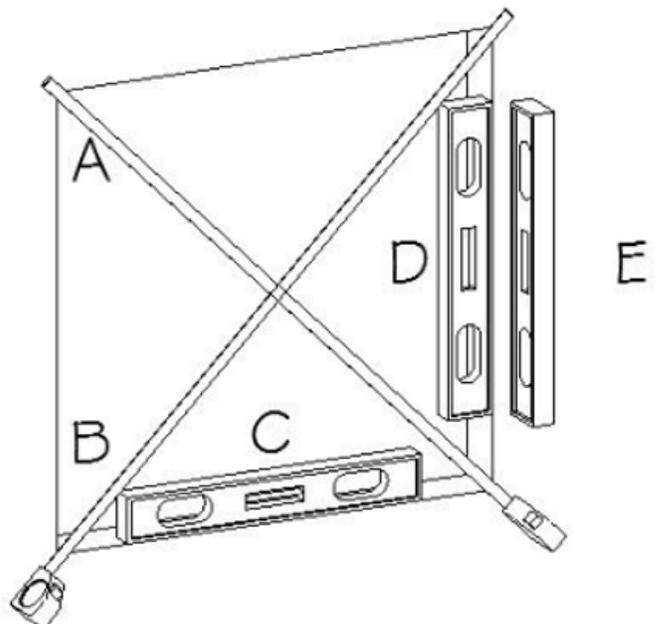
HOW TO CHECK PLUMB, LEVEL AND SQUARE

A & B - Cross tape measurements to verify the opening is square.

C - Threshold level, free of any crowns and sags.

D - Plumb vertical jamb.

E - Plumb vertical exterior portion of the wall.



POCKET DOOR

INSTALLATION INSTRUCTIONS

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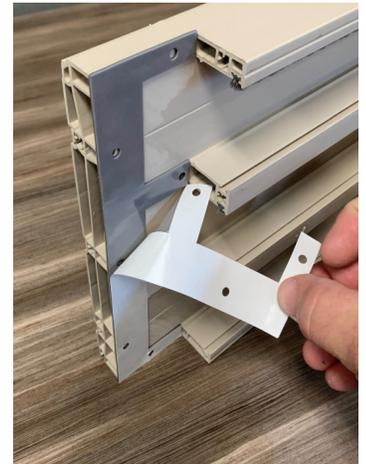
KD OR KNOCK DOWN FRAME BUILD

After you have unpacked the frame, start by identifying the sill (the sill can be identified by the weep holes), head and jambs. Be sure to assemble the frame one corner at a time. Saw horses are recommended to keep the frame profiles off the ground and safe from damage during assembly.

1. Notice that the butt ends of the jambs have joining gaskets. Using the provided alcohol wipes (**Fig. 1**), clean the area where the jamb gaskets will be adhering to on the head and sill.
2. Remove the liner from the jamb gaskets (**Fig. 2**). Repeat the steps for the other jamb to sill/header joints.
3. Insert the packaged frame build screws into the pre-drilled holes in the jamb (**Fig. 3**). Pan head screws will go in the recessed sections of the frame. The washer head screws will go in the holes with the flat surface. One corner at a time, make sure each screw is aligned with the proper screw boss, and tighten each screw evenly until the jamb is tightened firmly against the sill and/or header. Be careful not to over torque and strip out the vinyl, or pull through the jamb's walls. There should be a slight dimple in the frame where the washer head screws are applied.
4. Remove the paper backing of the Seal Tape to expose the sticky side of the tape (**Fig. 4**). Apply the provided Seal Tape to the jamb-sill joint on both sides (**Fig. 5**).



(Fig. 1)



(Fig. 2)



(Fig. 3)



(Fig. 4)



(Fig. 5)

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KD OR KNOCK DOWN FRAME BUILD

5. Once the tape has been applied, remove the Mylar backing (**Fig. 6**). Make sure to firmly rub one corner in and use your finger nail to get the edge of the Mylar backing to peel off. Once the Mylar backing has been removed, make sure you work the tape into any voids in the frame to ensure a good seal. (**Fig. 7**)
6. Use the provided SM5555 caulking to seal the interior joint, sill to jamb. You will need to slide the tracks out of your way in order to do this step correctly. (**Fig. 8**)



(Fig. 6)



(Fig. 7)



(Fig. 8)

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GENERAL INSTALLATION INSTRUCTIONS

1. INSPECT PRODUCT AND CARE

- Carefully remove any shipping materials. (e.g. corner covers, shipping blocks, plastic wrap, etc.)
- Check for any cosmetic damages.
- Correct product. (size, color, handing, etc.)
- Use provided QC check list to make sure all parts are accounted for in the hardware box.

If any of the above conditions are a concern, contact your dealer or Distributer for recommendations prior to installation.

2. INSPECT THE ROUGH OPENING

- Verify the width and height of the opening for proper clearance.
- Verify the opening is square by measuring diagonally from one corner to the other on both sides.
- Verify the opening is level and plumb.

These steps are important to acquire a trouble-free installation. If these conditions are not met, you will need to adjust accordingly.

FRAME INSTALLATION

1. Build your frame. (**see installation instructions for KD or KNOCK DOWN frames**)
2. Clean and level the threshold thoroughly. Shims must be placed no more than 2 inches apart, as well as the entire depth of the frame's threshold.



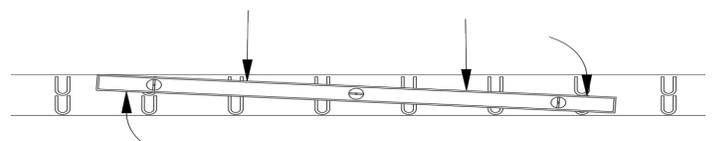
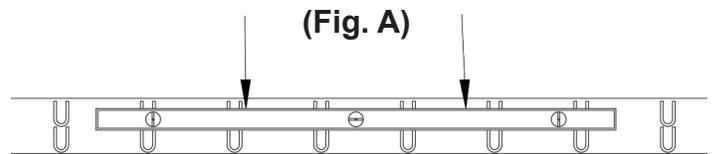
With multiple tracks it's very important to make sure the threshold is level the length of the opening and the distance from the interior to exterior. (Fig. A & B)



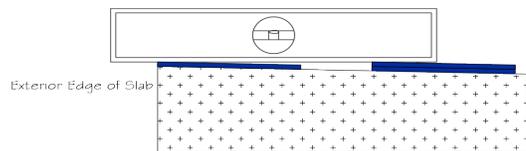
****FAILURE TO PROVIDE AN ADEQUATE PAN, WITH A WOOD THRESHOLD, WILL VOID ITS WARRANTY.****



It is necessary to have assistance when carrying the unit as well as removing and installing the panels.



OR



(Fig B)



Proper steps must be taken when flashing and applying sealant to ensure proper waterproofing of the unit.

POCKET DOOR

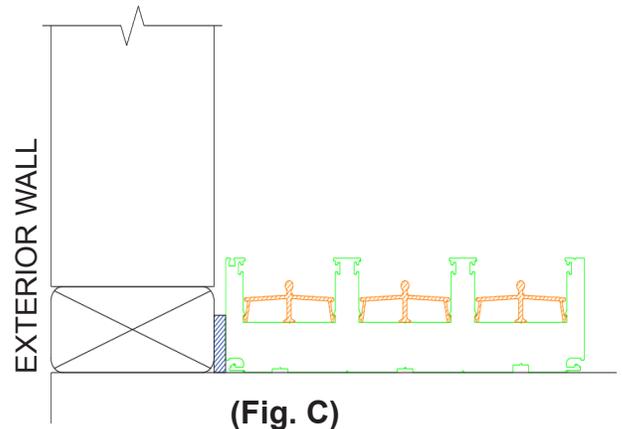
INSTALLATION INSTRUCTIONS

FRAME INSTALLATION

- The flashing method required for installing a pocket door is different than any other product because of how the door is set back from the exterior wall. Starting with the jambs, cut 2 pieces the height of your opening plus the thickness of the head flashing used. Flash the strike side jamb by wrapping it into the jambs framing so that it sits behind the door's frame once installed. Run the flashing up the jamb. Using a utility knife, notch the top corner and continue up the face of the wall. On the pocket side, wrap the corner of the pocket's wall, notch the top corner and continue up the face of the wall. Now set your head flashing. Cut your head flashing the width of the door plus 2x the thickness of your jamb's flashing. Set the head flashing at the same point you set your jamb flashing so that it will tuck behind the door frame once installed.
- Apply two 3/8" beads of polyurethane to the entire length of the threshold, above and below any shims and surrounding areas.
- Place your frame into the opening with a 1/4" shim between the exterior pocket wall and the MultiSlide frame. **(Fig. C)**
- Install the frame plumb, level and square. Secure the jamb and header of the frame placing the screws in the appropriate tracks, **(Fig. D & E)** no more than 16 inches apart and roughly 3-6 inches from the corners. Use a level to make sure the jamb is plumb side to side and there is no daylight between the level and the frame. Level and secure your header making sure it's perfectly straight.



When installing a three track MultiSlide the screw pattern should be every 12-16 inches in the outer and inner track. Pre drill 3/8" holes in these tracks, make sure it's not on the die line but towards the center of the frame. **(Fig. D)**. When installing a four track MultiSlide the screw pattern should be every 12-16 inches in the outer track and the two inner tracks. Pre drill 3/8" holes in these tracks, make sure it's not on the die line but towards the center of the frame. **(Fig. E)**



3 track screw placement. Do not pre-drill 3/8 hole on the die lines.



(Fig. D)

4 track screw placement. Do not pre-drill 3/8 hole on the die lines.



(Fig. E)



Keeping your door 1/4 inch away from the pocket's exterior framing is a necessary step in order to allow for clearance when you install the wall and panel interlock. (Fig. C)



POCKET DOOR

INSTALLATION INSTRUCTIONS

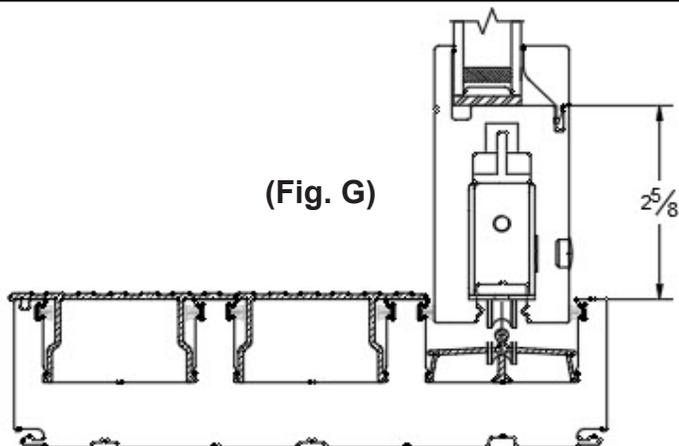


PANEL INSTALLATION

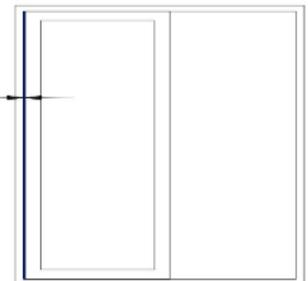
7. Install the first X panel into the inner most track.
8. Tip one corner up to take the weight off of the wheel. Raise the wheel adjustment using a Philips hand screwdriver. **(Fig. F)**
 - **On a 3750 door, the panel should be raised 2 5/8 from the top of the parting bead to the bottom of the glazing bead. (Fig. G)**
9. Slide the panel to the strike side jamb and check the reveal. **(Fig. H)** Do not shim the threshold to fix the reveals until all the panels are installed.
10. Install the intermediate panel/s in the proper tracks and raise the wheels the proper height as noted on step 8.
 - **The outermost panel will not have an interlock on the back end of the panel.**
11. Collectively, slide the installed panels. The panels should slide evenly together as if it was one unit. If a panel shifts opposite of any other panel, adjustments will be needed.
13. With all the panels installed, check the reveals and shim as necessary. Keep in mind adjusting one panels reveal may throw the one next to it out of alignment, this is why the initial shimming process at the beginning is so critical. **Place a level on the threshold after all adjustments have been made, make sure there are no humps or sags.**
14. Install the keeper. Lock the keeper onto the door panel. Slide the door close to the jamb and mark the frame where the top of the keeper is positioned. **(Fig. I)**
15. Unhook the keeper from the panel and set it in the jamb lining it up with the pencil mark you transferred to the frame. Use the die line in the center of the pocket for the center reference; mark the center of the top and bottom holes on the frame.

If the panels shift opposite of the other panel you will need to....

- Check the height of the panels. **(Fig. G)**
- Check for any humps or sags in the threshold. Make sure the frame is plumb, level and square.



(Fig. F)



(Fig. H)



(Fig. I)

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INSTALLATION INSTRUCTIONS



KEEPER AND PANEL STOPS

16. With the keeper screws provided, secure the top and bottom holes of the keeper.
17. Check the panels reveal to the frame and make sure it is still straight and free of any bows. ****Do not over tighten the keeper screws and bow the frame.****
18. Slide the X panel into the jamb, and test the lock.

CAUTION
!

If the keeper is not positioned properly there may be issues with the locking lever dropping and/or the lock not engaging properly.

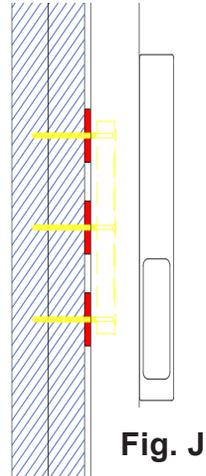
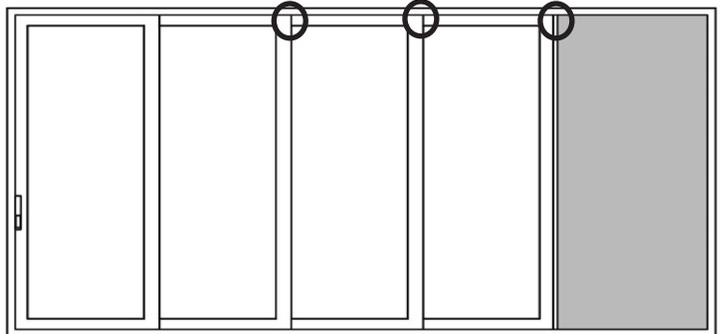
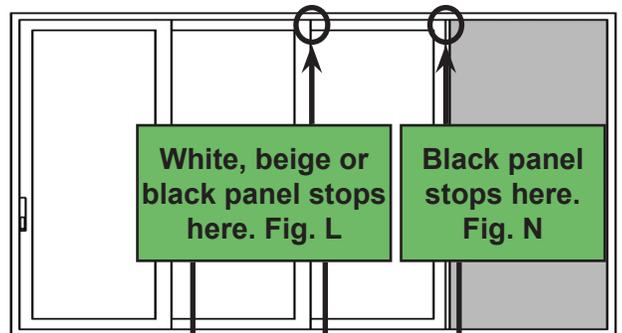


Fig. J



Fig. K

19. With the keeper installed and adjusted properly, finish off the last screw. Place this screw at the top of the center oval hole. Doing this will eliminate any future possibility of the keeper dropping out of adjustment and will help eliminate service issues in the future.
20. Place shims between the framing of the opening and the door frame. Make sure the shims are firmly in place to eliminate any movement (shim every 16 inches on the jambs and every 24 inches on the header). ****Make sure to shim behind the keeper, between the rough framing and the doors frame to eliminate movement from repeated use of the door. (Fig. J)****



21. In the hardware box you will find white, beige or black Panel Stops, depending on the color of the door. (Fig. K). These will be mounted on the top of the 2nd and/or 3rd intermediate panels. (Fig. L)
22. There will also be a black Panel Stop. (Fig. M) This will mount to the top pre-drilled section on the very last intermediate panel, the one closest to the exterior wall. (Fig. N)



Fig. M

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INSTALLATION INSTRUCTIONS

POCKET INTERLOCK AND WALL INTERLOCK INSTALLATION

23. On the very last panel, the one with the black Panel Stop, install the black Door Panel Interlock. Align the Door Panel Interlock just under the black Panel Stop. Use a mallet and carefully snap the interlock onto the back of the panel. **(Fig. O, #1)** Using the Pocket Panel Interlock/Stop Screws, secure the interlock into place.



****Be careful not to dent the lip that the Blind Panel will fit into. If it was it will need to be fixed so that the Blind Panel will fit completely into the pocket. (Fig. O, #2)**

24. Once the Door Panel Interlock is installed, slide the door completely into the strike side jamb. The hardware should be almost touching the jambs parting bead.

25. Without moving the primary panel, push back all the other panels making sure the intermediate panels are fully interlocked.

26. Make sure the exterior pocket wall is in the desired location so the Door Panel Interlock will fully engage with the Wall Interlock. Add or remove framing to acquire the desired distance. **(Fig. O, #3)**

27. When installing the Wall Interlock, make sure the metal is not pushed tight against the panel. Try to leave a 1/8th inch gap between the panel and the metal. Not doing so will cause the door to be too tight to the Wall Interlock and possibly knock when used. **(Fig. O, #4)**

28. Next step is to install the Wall Interlock. **(Fig. O #5)** This will mount to the framing on the exterior. **Make sure that it is plumb.**

29. Apply a bead of polyurethane down the length of the wall. Place the Wall Interlock on the framing between the rough framing and the door.

30. Secure the exterior portion of the Wall Interlock using the Wall Interlock screws. **(Fig. O, #6)**

31. Once the exterior screws are installed it is necessary to secure the interior section. **(Fig. O, #7)** Close the door completely to access the interior portion of the interlock. If there are any voids between the framing and interlock, it is necessary to put shims where each screw will be installed. This will eliminate flex that could cause faulty operation. Secure the interior portion of the Wall Interlock into place making sure the screw heads are flat with the aluminum. If not, it's possible that the Panel Interlock will hit those screws.

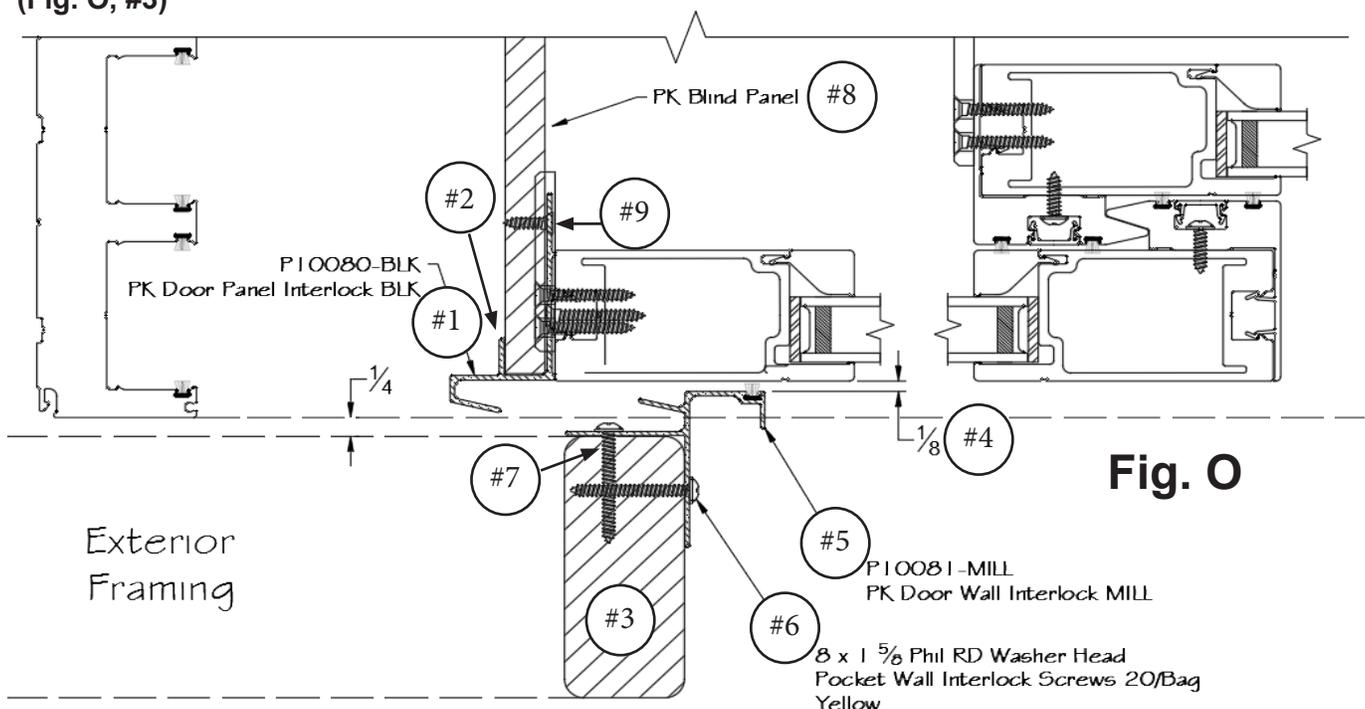


Fig. O

POCKET DOOR

INSTALLATION INSTRUCTIONS



BLIND PANEL & CAP INSTALLATION

32. Blind Panel installation. (See Fig. O, #8 on previous page) Slide the Blind Panel behind the small aluminum lip of the Panel Interlock (See Fig. O. #2 on previous page) . If this pocket became dented when applying the interlock to the panel you will need to open up the pocket so the board goes completely into the groove. You can now secure the Blind Panel using the Pocket Blind Panel screws supplied. (See Fig. O, #9 on previous page)
33. Install the strike side jamb caps. ****Add dabs of polyurethane on both sides of the pocket, top and bottom as well as every 16inches between. This will help eliminate any movement of the caps.****
34. Shut the door completely; the hardware should be about 1/16" away from the parting bead of the frame. Without moving the primary panel, make sure all the intermediate panels are pushed back and the interlocks are fully engaged.
35. Mark on the sill and header of the frame where each panel ends.
36. Measure from the jamb's parting bead to the line and deduct 1/8". Keep in mind the thickness of the bumper in your measurements and cut the caps as needed.
37. Install the top caps. ****Add dabs of polyurethane on both sides of the pocket, the length of the cap, every 16inches. This will help eliminate any movement of the caps.****
38. Install the threshold caps with the bumpers. ****There should be an 1/8" gap on any sill and header cap.****
39. Use the provided 10" pieces of the aluminum thresholds caps. These are to be used along with rubber bumpers and installed in the head of the door in the pocket. These act as the panel stops and can be trimmed to the desired length. (Fig. P)
40. Once the desired length has been determined, use polyurethane to adhere the rubber stops and cap in their final location. Make sure to apply this behind the bumper in an area that will not be in contact with the panel. Repeated slamming from the panel can knock these loose, so don't skip this step.



INSTALLATION OF TOP AND BOTTOM CAPS



Trimming the caps is one of the most important steps of installing these doors. Failure to allow for proper clearance will result in faulty operation and damage to the product. If the caps for the other X panels don't have the proper clearance, it could result in the door not locking properly.

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INSTALLATION INSTRUCTIONS



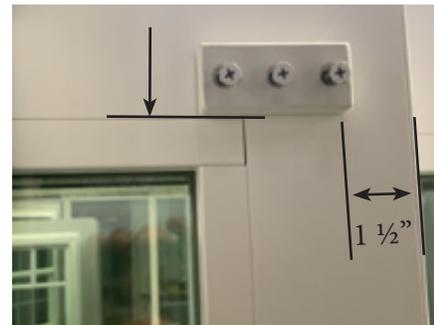
NON-FLUSH MOUNT HARDWARE PANEL STOPS

Panel Stop Install

If you ordered a 3750 door without the flush mount hardware, the door will come with a Panel Stop and screws. This is needed on the 2nd panel. The purpose of the Panel Stop is to stop the active panel before the handle hardware hits the 2nd panel when the door is completely open. The panel stop should be mounted 1 ½" from the back of the 2nd panel, and just above the glazing bead. If the panel is not drilled out you will need to align the panel stop in the proper position and mark where to drill. Completely open the door and make sure the panel stops at the stop before the handle hardware makes contact with the 2nd panel. Once you are sure of the placement, secure with the screws provided. 9/64 bit is needed to pre-drill the holes for the stop.



PANEL STOP



PANEL STOP PLACEMENT

POCKET DOOR

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SEALING THE EXTERIOR

At some point the exterior surface will be finished up against the face of the frame. This means the finished sealant needs to be tooled smooth and to a 90-degree angle so that the finished material can be tight to the door frame. **(Fig. Q)**

41. Tape off the face of the frame. Leave about 1/8" of the edge of the frame untaped so the polyurethane has a surface to adhere to.
42. Use polyurethane to caulk the joint where the frame and flashing meet at the head and strike side jamb.
43. Tool the polyurethane making sure that all voids are filled completely and there is a finished 90-degree angle so that the finished material will fit tight to the frames face.
44. On the pocket side, reapply more polyurethane over the Wall Interlock and screws. Tool the sealant flat.
45. Above and below the Wall Interlock there will be a void. Apply polyurethane to these voids, sealing the frame to the flashing. **(Fig. R)**



Fig. Q



Fig. R



When sealing the exterior it is very important not to miss the two small sections above and below the Wall Interlock. Failure to weather proof these sections will result in leaks.

POCKET DOOR

INSTALLATION INSTRUCTIONS



SIGNATURE SERIES W/ KEY LOCK

STEP 1
MEASURE DOOR THICKNESS.

STEP 2
DETERMINE THE PROPER LENGTH OF MOUNTING SCREWS.

#8-32 X 1.75

#8-32 X 2.125

#8-32 X 2.5

DOOR THICKNESS RANGE	#8-32 PHILLIPS SCREW LENGTH
1 3/16 TO 1 9/16	1.750
1 9/16 TO 1 15/16	2.125
1 15/16 TO 2 5/16	2.500

TRUTH HARDWARE
Truth Hardware
an FKI Industries company
700 West Bridge Street
Owatonna, MN 55060
Telephone 507-451-5620

INSTALLATION INSTRUCTIONS
HANDLES, KEEPERS AND OTHER COMPONENTS MAY NOT BE AN EXACT MATCH WITH WHAT YOU ARE INSTALLING BUT THE INSTALLATION PROCEDURE IS BASICALLY THE SAME.

STEP 3
LOCK CYLINDER / ESCUTCHEON ASSEMBLY

STEP 4
SIZE TAIL PIECES TO SUIT DOOR THICKNESS

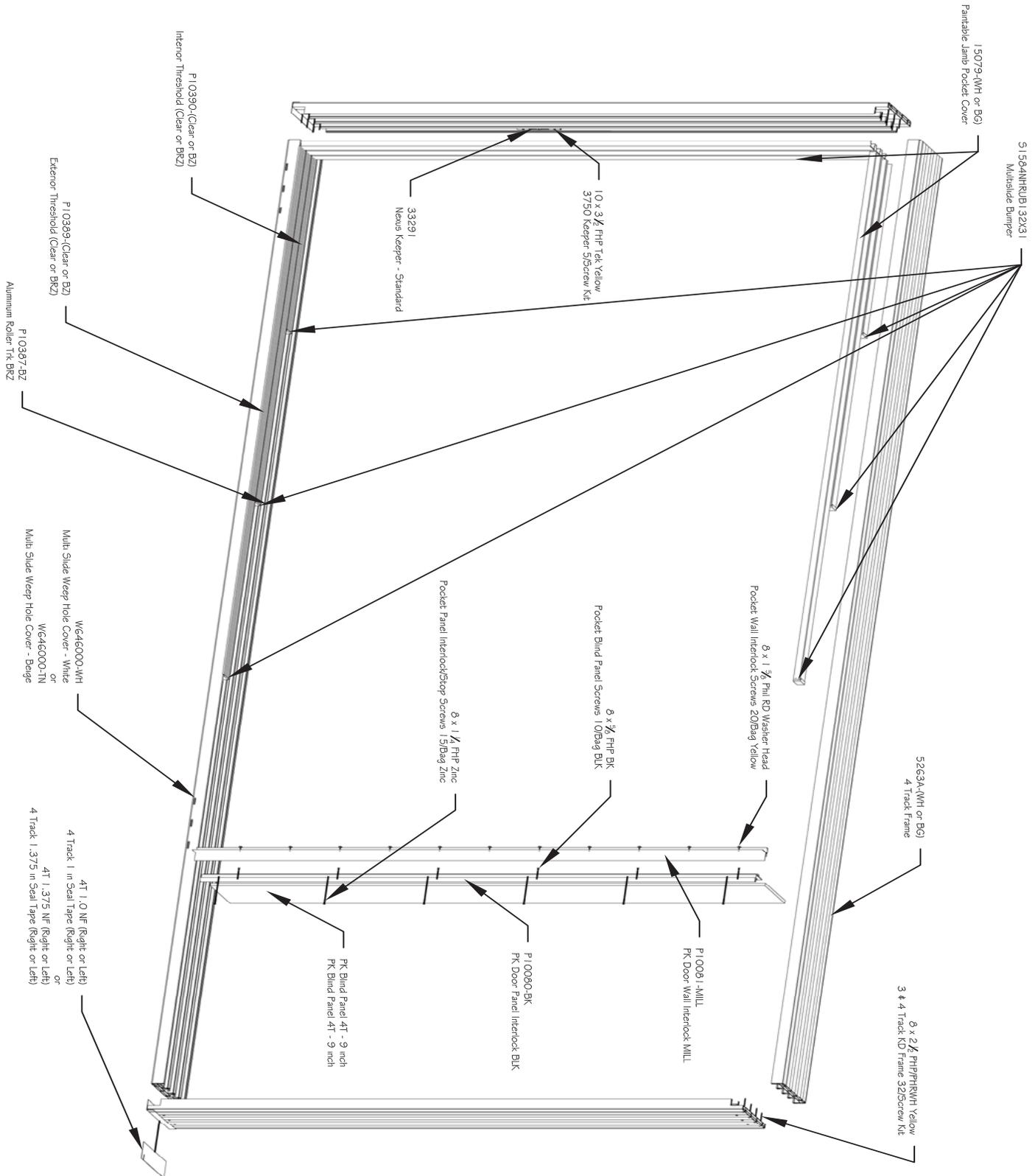
STEP 5
BREAK OFF TAIL ENDS WITH PLIERS

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EXPLODED FRAME VIEW

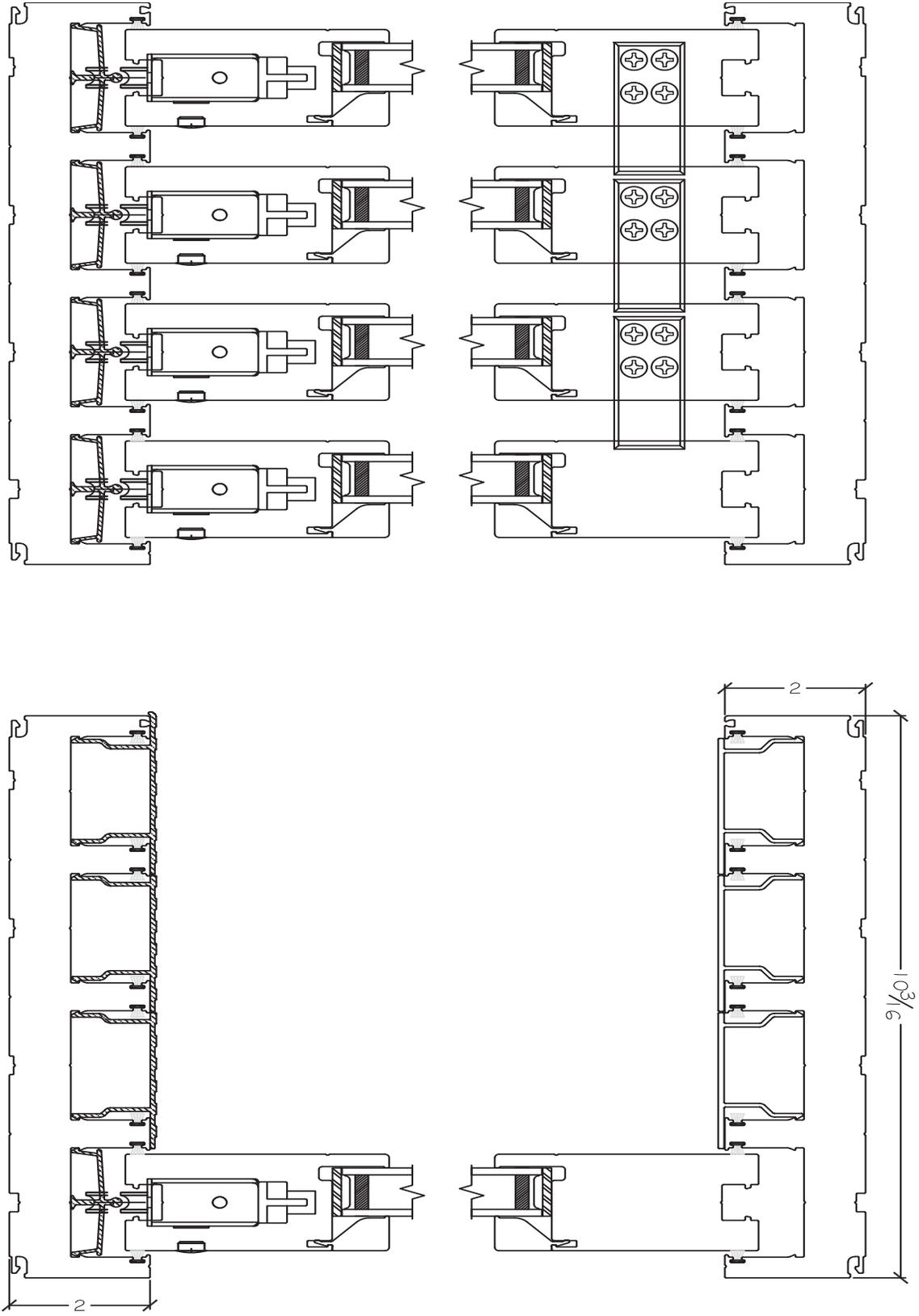


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SECTION VIEWS

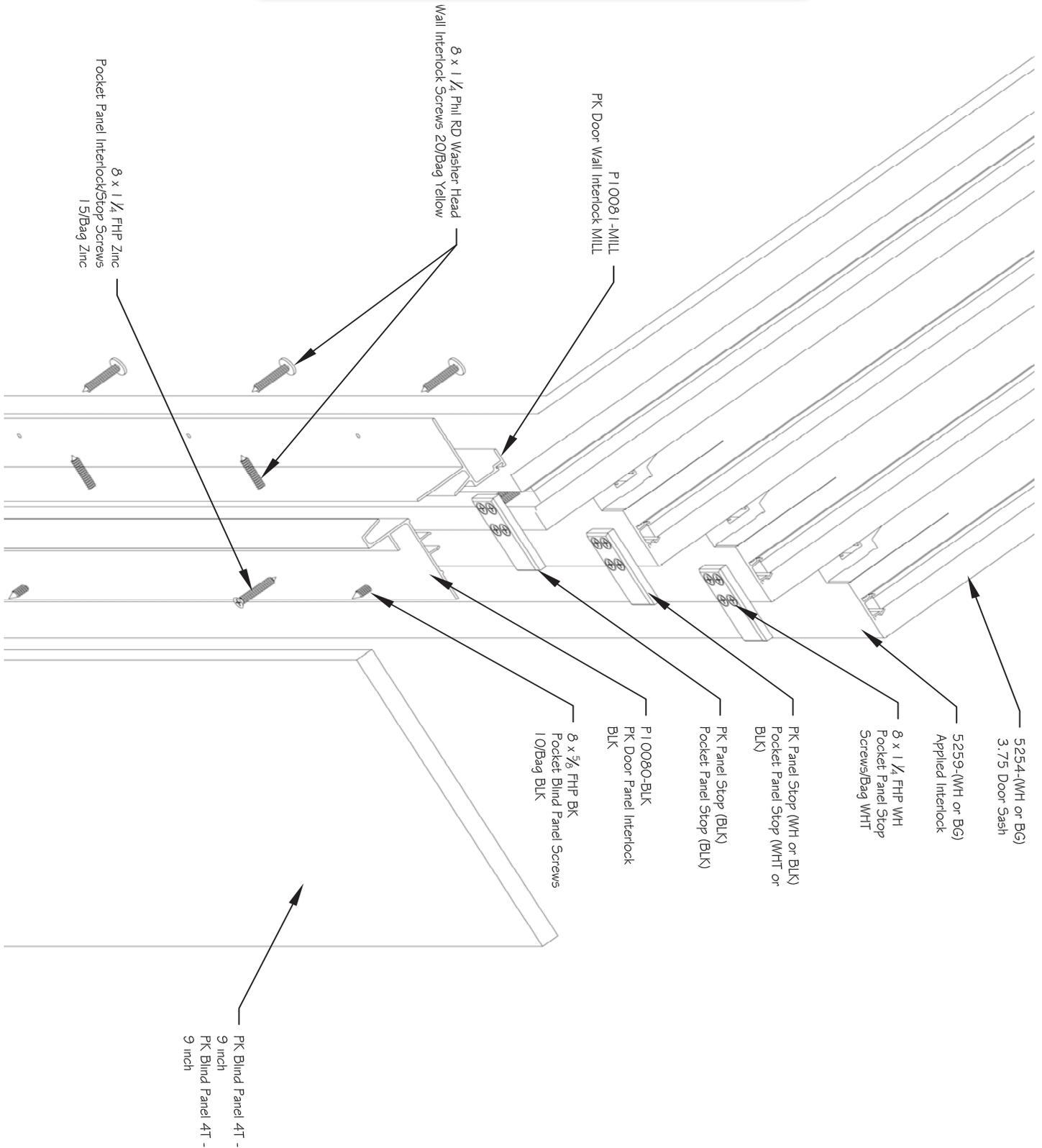


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PANEL STOP AND INTERLOCK VIEWS



POCKET DOOR

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SASH ASSEMBLY VIEW

