

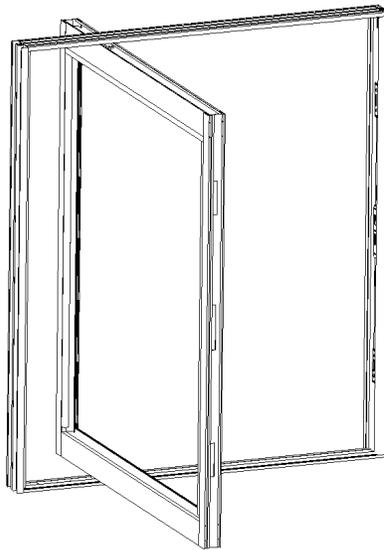
PLEASE REVIEW THESE INSTRUCTIONS COMPLETELY BEFORE STARTING INSTALLATION

# WinDoor®

HIGH PERFORMANCE DOORS & WINDOWS

WinDoor Series PV9998A

Pivot Door Assembly Instructions



WinDoor Incorporated  
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Warning: Proper installation procedures are necessary to insure the performance of this product.  
Please review instructions included with this product completely before starting installation.  
Failure to follow recommended installation procedures can result in voiding the warranty.

## Recommended Equipment

- Drill w/ several drill and driver bits
- #2 Screwdriver
- Rubber Mallet
- 2x4 Block of wood
- Glass suction cups
- Plastic, nylon, or composite shims
- Double sided tape
- Anchors
- 6' Level
- Torpedo level
- Framing Square
- String line
- High performance silicone or polyurethane for perimeter seals, screws, and joints
- Scribe
- Tape measure
- Laser level
- Safety glasses
- Denatured alcohol

**1. Preparing the rough opening**

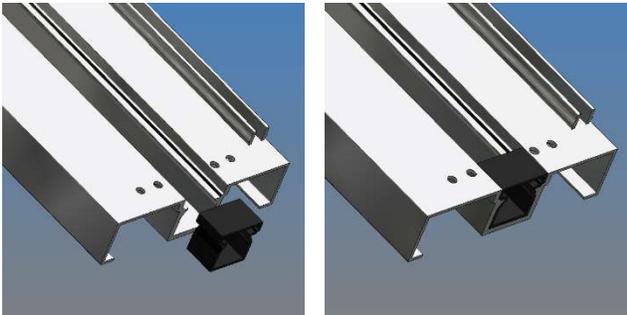
Please refer to FMA/AAMA/WDMA standards for proper preparation of opening (See Florida Building Code – Residential, Section R703.4, Commercial Section 1405.4).

**Step 1.** Prepare the rough opening and clear of debris. Ensure that the opening is true, level, plumb, and square.

**Step 2.** Open packaging and inspect parts for damage. Ensure that all parts are provided and correct before beginning any assembly.

**2. Assembling the frame**

**Step 1.** Prepare the frame components.



Insert corner plugs into jamb ends. Apply a small amount of silicone before sliding in.

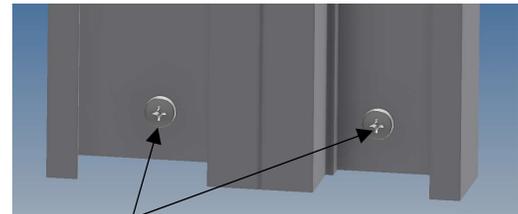
Clean ends of head, jamb and sill (areas that sealant will contact) with denatured alcohol.

**Step 2.** Apply a generous amount of sealant to the end of the jambs.

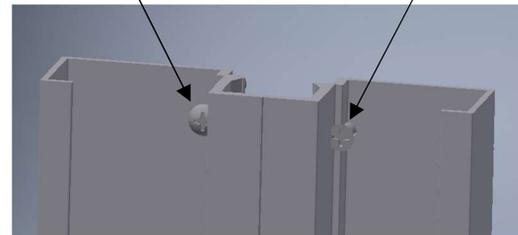


**Step 3.** Assemble the frame with supplied screws.

Sill

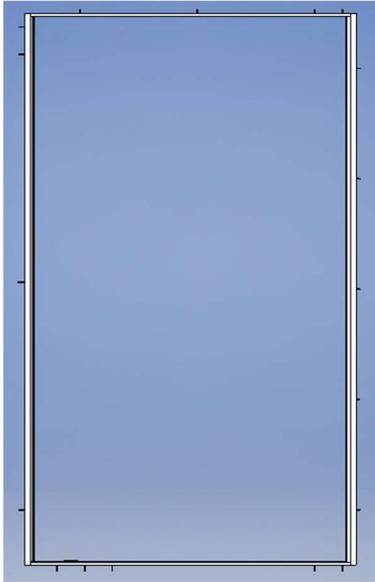


10 x 1 ¼" Pan Head      10 x 1 ¼" Flat Head



Head

### 3. Installing the frame



**Step 1.** Set frame in rough opening

**Step 2.** Add shims as required by Product Approval documents around the frame unless job specific engineering is done to qualify differently. Use **ONLY** plastic, nylon, or composite shims.

**Step 3.** Remove frame from opening after proper spacing is verified.

**Step 4.** For proper sealing of the door to the substrate, please reference FMA/AAMA/WDMA documents as required by the Florida Building Code.

**Step 5.** Set frame in opening on grout or bed of sealant.

**Step 6.** Shim level from front to back and end to end. Shims are to be installed at all fastener locations.

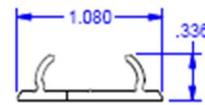
**Step 7.** Inspect that the entire frame is true, plumb, level, and square.

**Step 8.** Fill pre-drilled assembly holes with appropriate sealant before installing fasteners. Install frame in rough opening with anchors as specified by Product Approval Documents. **Flat head anchors are required at the sill.** Check the assembly again for true, level, plumb, and square. A level frame is critical for proper pivoting function.

### 4. Installing frame accessories

**VERY IMPORTANT: Installation must be inspected and approved BEFORE installing frame components.**

Anchors will not be accessible with groove covers and head/jamb adapters in place.

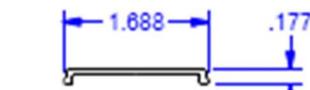


21006  
HEAD/JAMB  
ANCHOR COVER



23008 JAMB ADAPTOR

**Step 1.** Snap the jamb adapters onto the jambs using a rubber mallet and wood block (to avoid marks or indents from a mallet directly on extrusions). Then snap in the anchor covers on the head. Install keepers on the jamb with provided screws and snap anchor covers in place on the jamb. Snap the sill covers into the sill.



23004 SILL COVER

**Step 2.** Press in the c-fold gaskets into the jamb adaptors.

**Step 3.** Check the pivot hardware for proper swing. The arrow faces the interior for an outswing door or faces the exterior for an inswing door.

**Exterior**



**Outswing Shown**

**Note: The DP label is at the bottom corner of the interior of the door**

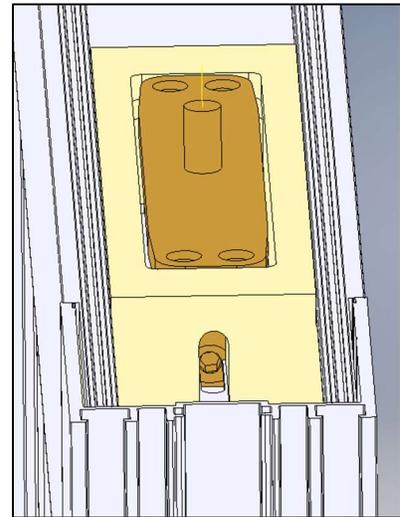
## 5. Placing the sash

**Step 1.** Begin with the pivot door sash at a perpendicular angle with the frame. Line up the bottom pivot under the bottom rail with the sill and drop onto the sill plate.

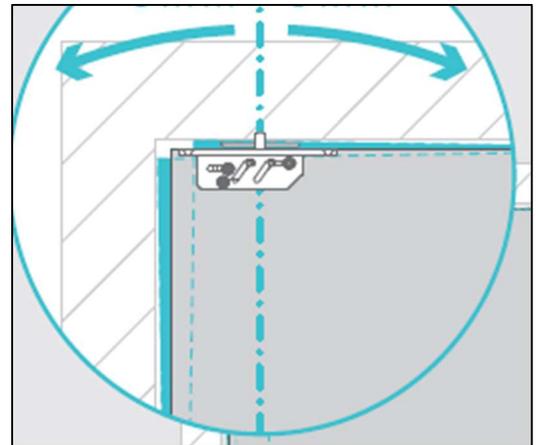
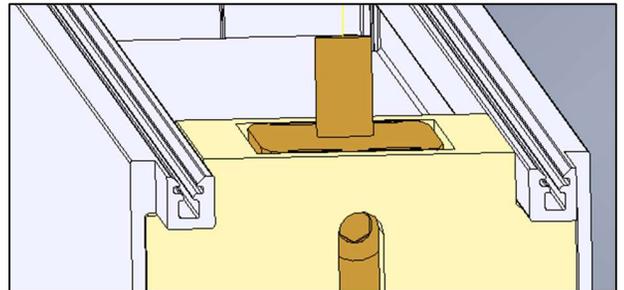
**Step 2.** Line up the top rail and head.

**Make sure the pin is all the way towards you. If it is not you will not be able to move the pin up. Use the top adjustment screw to move the pin toward the hinge side.**

Now raise the pin with the supplied Allen wrench. Put the wrench in the slot and adjust the bottom screw to raise the pin.



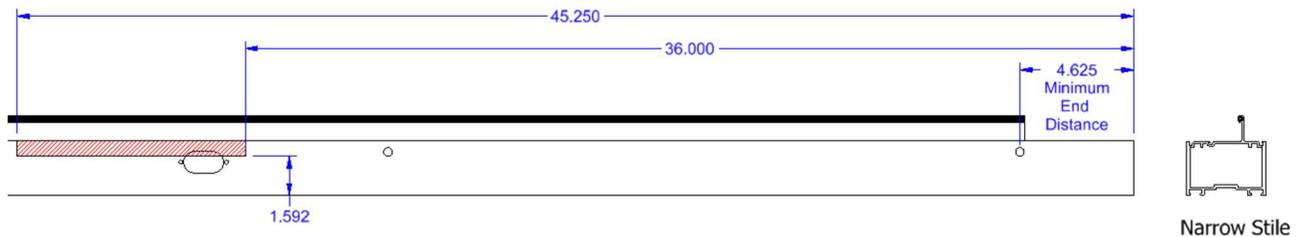
**Step 3.** Adjust the upper screw to adjust panel side to side.



## 6. Final Assembly and Hardware

### Ladder Pulls:

Follow assembly instructions provided by hardware supplier. Offset pull designs are recommended for proper operation. Locate the ladder pull with the door closed. **Drilling must be located as described below** so that it does not interfere with lock mechanism in the stile. **DO NOT DRILL IN THE AREAS BELOW:**



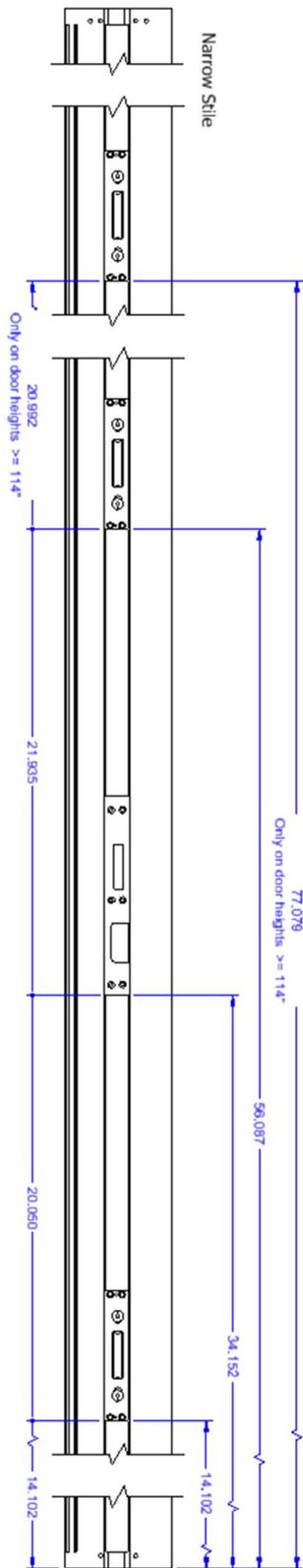
### Keeper Placement Narrow Stile

1. Keepers will be mounted to the groove covers that are inserted in Jamb
2. You will have either 4 or 5 groove cover pieces
3. Tape keeper and center over gaps and confirm locking prior to fastening

Groove Cover Length	Comments
15 3/16"	
20 3/16"	Mount 2 3/4" above last cover
16 5/16"	Mount 2 3/4" above last cover
18 1/4" (only if door has 4 hook catches)	Mount 2 3/4" above last cover
Variable Piece	Mount 2 3/4" above last cover



Keepr Orientation



**7. Installation complete**

Verify fit and function. The bifold door should now be completely installed. Should parts need to be replaced, contact your local dealer.

## 8. After Installation

- Protect the pivot door assembly from debris, including stucco, drywall, and adhesives. These may build up and clog the rollers and guides.
- Keep sash secured when in open positions to avoid damages caused by accidental swinging.
- A light oil or silicone spray may be used to keep thumb turn operating easily. Annual lubrication is recommended.
- The sill track should be cleared of dirt and debris periodically; determine the frequency necessary by visual inspection.
- The exterior of door panels, frames, and glass should be washed with a mild cleaning solution of detergent or soap and water. Coastal Conditions require that the panels be cleaned monthly while Non-Coastal areas require cleaning a minimum of twice a year.

### Trouble Shooting:

1. **Narrow Stile Doors with 4 Hooks**
  - a. **If hardware will not turn properly (hooks will not come out)**
    - i. **Remove top extension bar**
    - ii. **Operate main lock bar (in locked and unlocked position)**
    - iii. **With door in unlocked position reinstall top extension bar**
    - iv. **Operate door**

