Pivot Door

SERIES 555

INSTALLATION INSTRUCTIONS

awake

WINDOW & DOOR CO.

555 SERIES NAME

Our 555 Series pivot door is the perfect product to represent the over 555,000 people who are detained in our local jails while being legally innocnet. They are held until trial primarily because they cannot afford to pay bail. While those who can afford to pay bail are released to await trial in their own homes, those who can't afford bail risk job loss, increased stress on their family, or even a coerced plea deal.

STORAGE AND HANDLING

Upon delivery of your Awake Window and Door Company products, confirm that there is no damage that will affect the appearance or performance of the installed product. Inspect the product and hardware components to become familiar with them. Damaged and/or missing parts should be reported to your supplier immediately. If screens are included, they will be package separately and are to be installed after the product is finished to avoid damaging the screens.

The products must be protected before, during and after installation to prevent damage to the frame finish, hardware and or glass. Awake Window and Door manufactured products are to be kept in manufacturers packaging and stored in a dry location protected from the elements until ready for installation. If packaging becomes wet, remove, and immediately replace with dry packaging or covering to prevent damage to the product.

When handling door products, they should be transported and stored vertically on a flat even surface. All door panels are to be transported and stored upside down to avoid damage to

the bottom rail weather seals. Finished product shall not be dragged off any delivery truck or dropped on floor during storage. Products should only be lifted/moved with glass cups attached directly to the glass and should not be lifted or dragged by the frame, which can cause damage. Damage caused by improper handling and or storage is not covered by Awake Window and Door's limited warranty.

PREPARATION

Always dispose or recycle any removed door materials properly. For more information, check with your local recycling agency, the U.S. Environmental Protection Agency, or Build Reuse to locate a nearby company or organization that accepts used windows and doors.

CAUTION: Many homes built before 1978 may have been painted with lead - based paint. Removal of old windows and doors may disturb this paint. Proper precautions must be taken to minimize exposure to dust and debris. Consult state or local authorities and/or EPA for more information.

Verify that the number of doors ordered have been received and are manufactured to the specified size, configuration, and unit number (which is marked on the opening). Inspect and verify the

rough opening for the product which you are installing is plumb, level, and approximately 1/2" bigger in width and height than the net frame size.

You may need to supply

- Noncompressible, Moisture resistant shims/spacers.
- Flashing membrane and compatible sealant.
- **Fasteners**
  - #8 x 1" PH Flat Head screws (Frame assembly)
  - #10 x 2-1/2" PH Flat Head screws (Nail-fin install application)
  - 3/16" Tapcon concrete anchor screws. (Sill concrete anchoring)
  - #10 x 2-1/2" Ph Flat Head screws (Block Frame install application)
- Closed cell foam backer rod/sealant backer

All materials used in the installation shall be of good quality and shall be free of defects that would diminish the appearance of the productor render it structurally oroperationally unsound. Installation includes the furnishing of any equipment, rigging, and materials required to install or replace the product in the proper location

Tools required for Installation

- Tape Measure
- Levels of assorted sizes
- Laser level (if needed)
- Utility Knife
- Sealant Gun
- Screw gun with
  - #2 Phillips Driver bit
  - #2 Square Drive
- Pry bar
- 5 in 1 Putty knife
- 3mm Allen Key
- 10" Adjustable Wrench
- Suction Glass Cups
- Drill with
  - 3/16", #7, 1/4" drill bit
  - #10 Countersink bit.

Note: Other construction materials may be required. Read the following instructions carefully and inspect the wall conditions before you begin.

WEATHERPROOFING

Rough openings must be protected with waterproofing in accordance with AAMA 2400 Installation Methods, the flashing and sealant manufacturers' instructions, and local building codes. If the product is to be set onto a cement slab, or adjacent with any masonry, a barrier must be employed to ensure there is no direct contact between the product and any cement-based products.

Nail Fin Instructions

1. Apply a 1/2 " continuous bead of sealant to the floor along the interior edge of where the sill threshold will rest and 3" vertically up each jamb, wrapping to exterior of the jamb (where the nail fin will contact), forming a continuous bead of sealant around the full perimeter of the opening. See Figure 1.

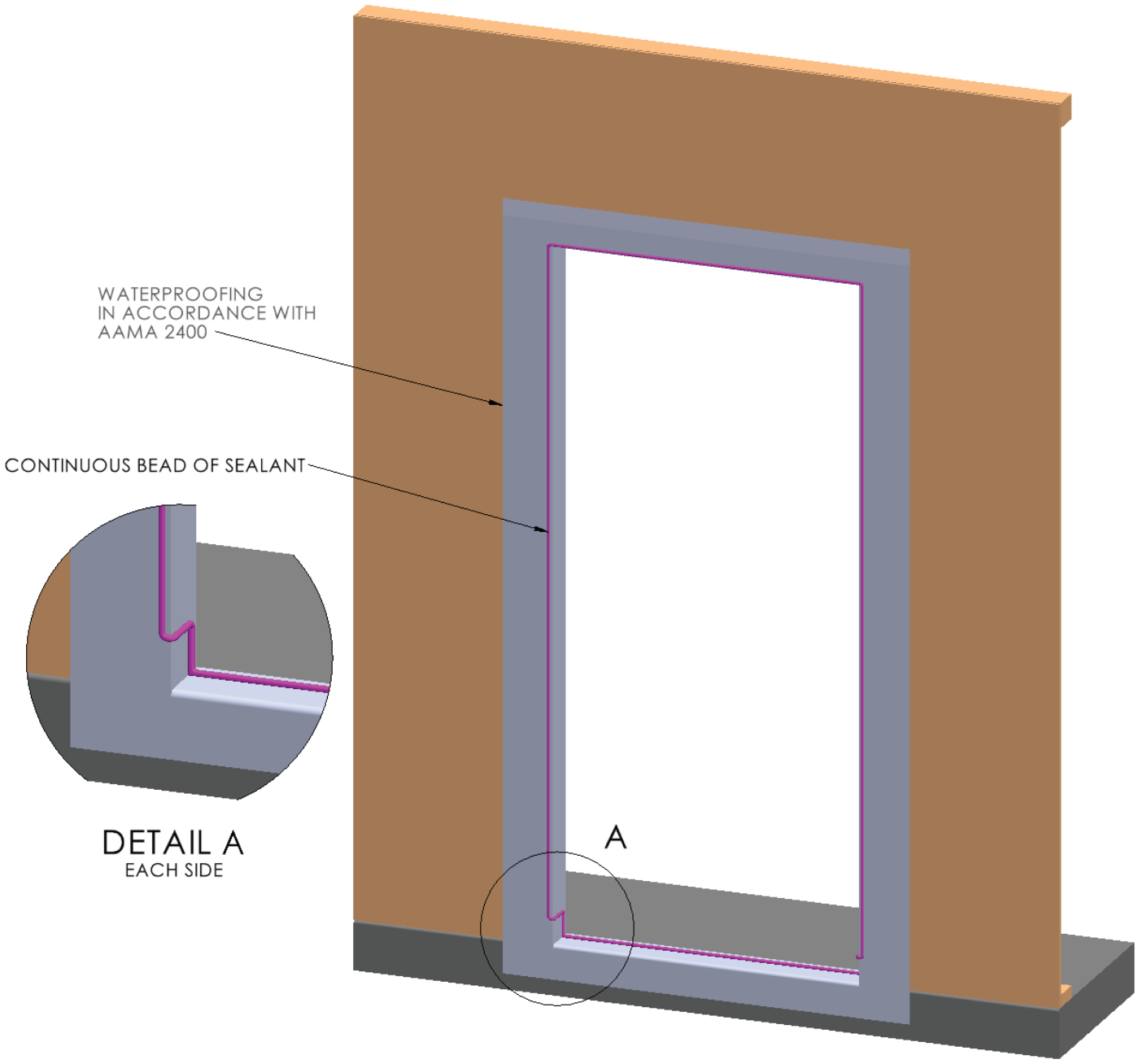
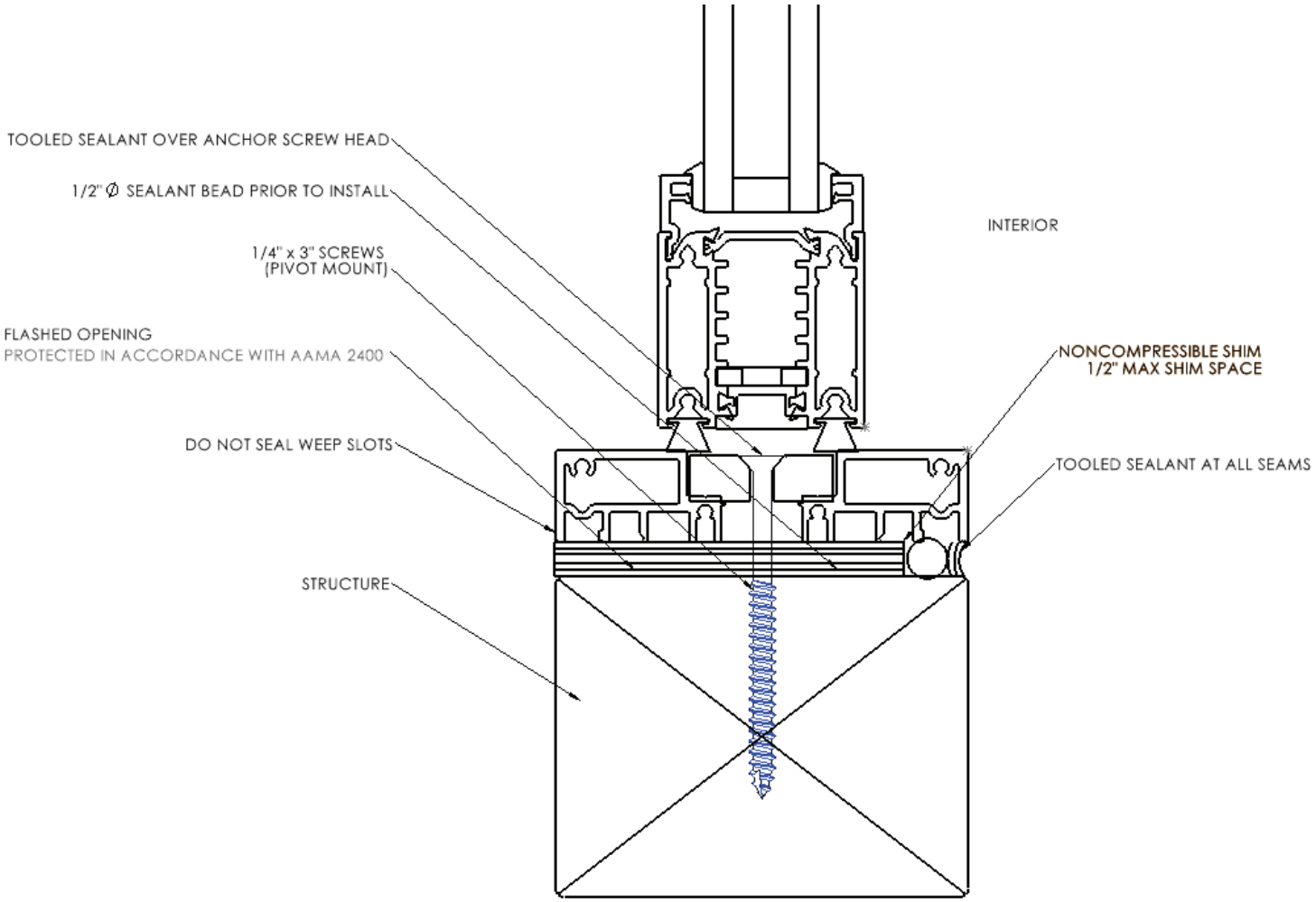


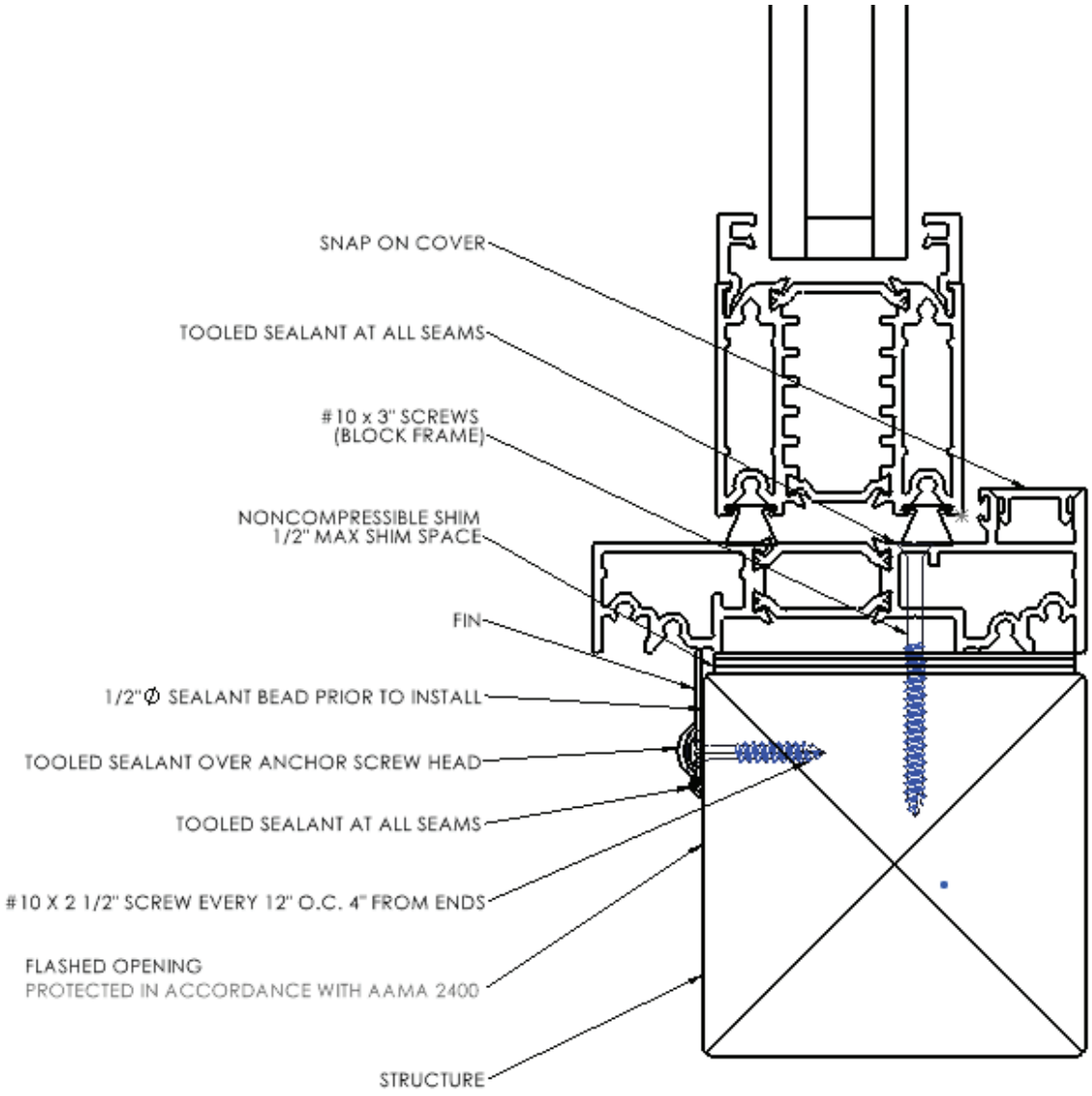
Figure 1

2. Apply a 3/8" continuous bead of sealant to the interior face of the nail -fin full perimeter. See Figure 2.

FRAME INSTRUCTIONS



FRAME INSTALLATION NAIL FIN



3. Set door frame into the flashed opening ensuring that the nail-fin makes full contact with the opening and the threshold is level with full bearing on the flooring

4. Check that the frame is plum, level and square in the opening and shim as needed with noncompressible shims

FRAME INSTALLATION BLOCK FRAME

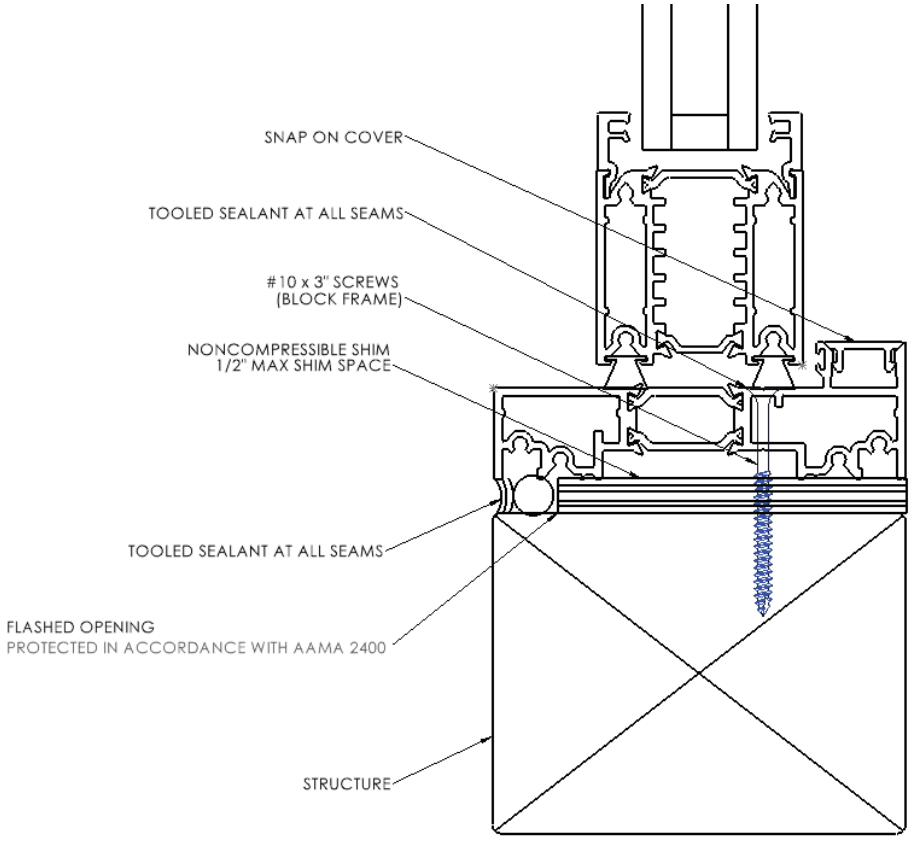
Note: Glass is dry glazed and hard blocked to square door leaf. Adjust hard blocking as necessary to provide for optimum latch/lock function.

5. Anchor the door frame nail-fin to the structure with #10 x 2-1/2" Ph Flat Head screws every 12" on center. To avoid any damage or distortion, do not anchor the nail-fin within 3" from any corner.
6. Anchor the pivot point in the sill using (2) ¼" diameter anchors with 2" min embedment.
7. inspect the frame to ensure it is plumb, level, and square.
8. Ensure that all nail-fin joints and the head of every screw that penetrated the nail-fin are sealed.
9. Nail fin frame installation is complete, proceed to leaf installation.

Figure 4

BLOCK FRAME INSTRUCTIONS

1. Through each jamb and head of the frame, drill a 3/16" diameter installation hole 6" from each end and every 16" on center thereafter See Figure 3.



2. Lift unit into the opening and secure in place with shims as needed.

3. Continue to block the frame with shims as needed and verify that the door frame is plumb level and square in the opening.

4. Begin to secure the frame with #10 x 3" Ph Screws taking care not to shift the frame while anchoring.

BLOCK FRAME INSTRUCTIONS

5. Inspect the frame to ensure it is plumb, level, and square and trim excess material off shims used.

6. Apply appropriately sized closed cell backer-rod to fill the frame to the waterproofing gap. Ensure backer-rod is set to the correct depth to allow for a 2:3 depth to width ratio for proper perimeter caulking adhesion.

7. Apply sealant at the frame perimeter to the waterproofing gap and tool to ensure a continuous bead of sealant is applied and there a reno holes or voids.

8. Block frame installation is complete, proceed to leaf installation .

LEAF INSTALLATION

1. Rotate door closer square drive axle to the “hold open” position using an adjustable wrench

   See Figure 5.

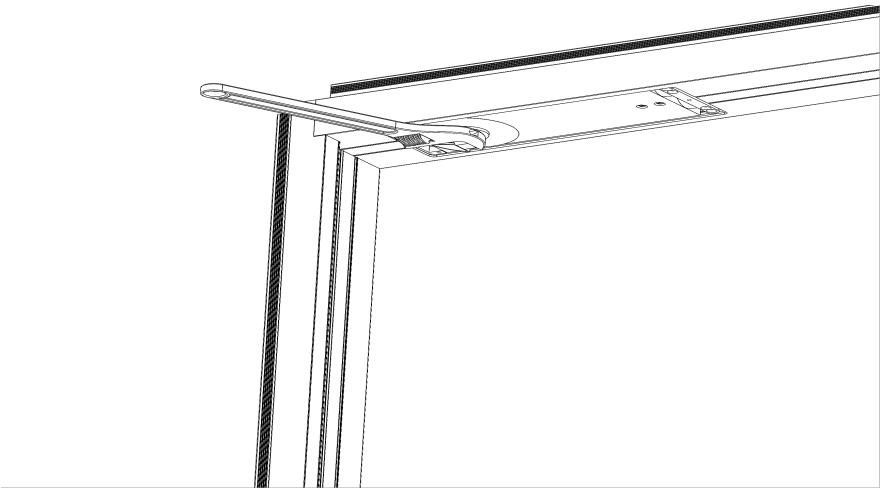


Figure 5

2. Remove the side load arm cover and clamping block from leaf. See figure 6.

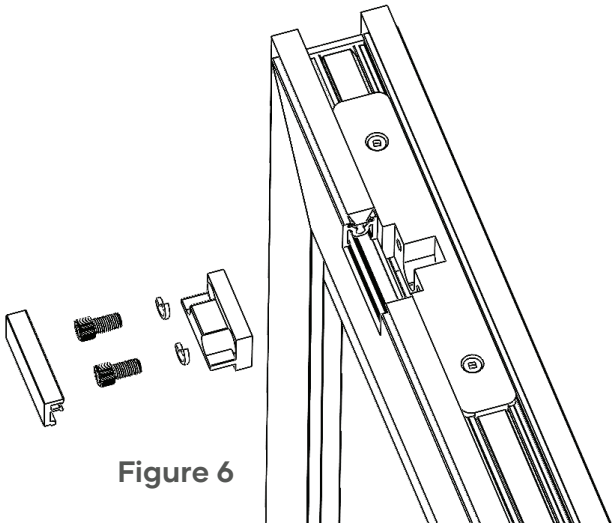


Figure 6

3. Turn door leaf at a 90-degree angle to the frame with the top leaning toward the lock side jamb, set lower pivot block in the bottom of the leaf over the pivot pin in the sill.

   See Figure 7

LEAF INSTALLATION

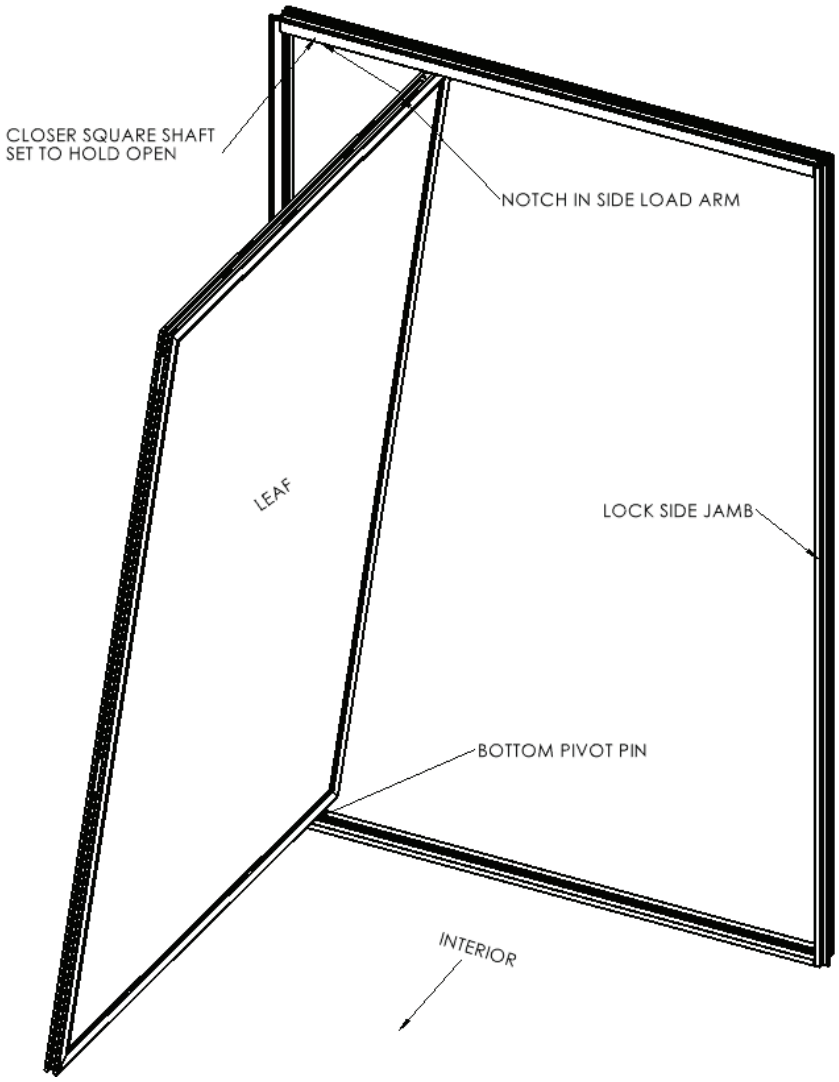


Figure 7

4. Stand door straight up, still at a 90, slide the square drive of the door closer into the side load arm.
5. Reinstall the clamping block into the side load arm and replace the cover.
6. With a flat blade screwdriver adjust the door closer closing speed using screw 1 and latching speeds using screw 2

   . See Figure 8

HARDWARE INSTALLATION

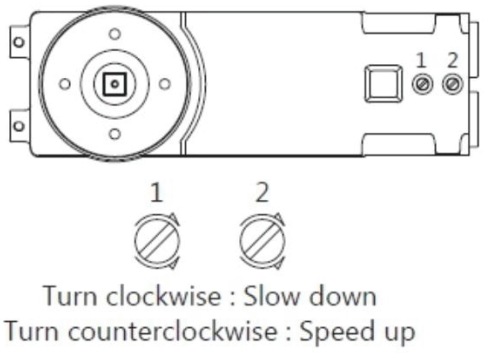


Figure 8

7. With 3mm Allen Key a djust the magnetic catches as needed. See Figure 9

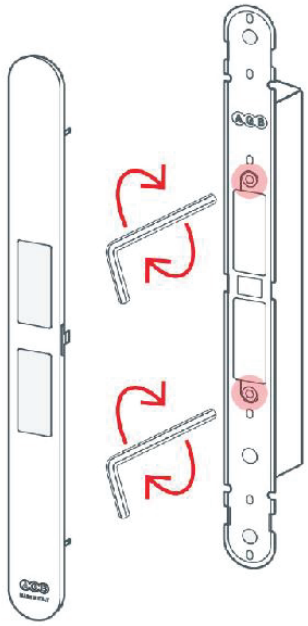


Figure 9

8. Close door and confirm that the lock and latches perform properly.

9. Installation is complete.