

Premium Security Door Installation

SURFACE MOUNT



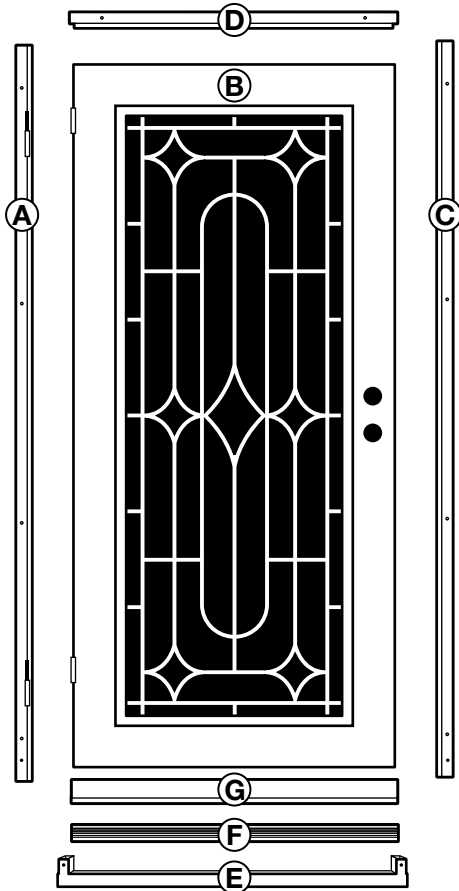
IMPORTANT: Read the complete installation instructions before proceeding with installation.

- Installation may require two people when lifting and installing the door
- Use appropriate protective equipment, including safety glasses
- Children should not be allowed in work area
- Failure to install door correctly could result in injury

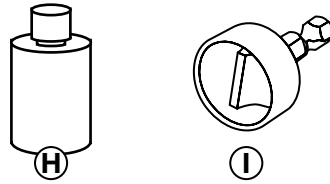
GET IT INSTALLED

Ask an Associate for details or visit the Millwork Desk.

Parts and Recommended Tools



Touch-up Paint One-Way Driver Tool

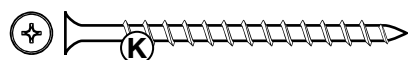


4" One-Way Screws



4" one-way screws (12 pcs.)

Self-tapping screws



#10 3-1/2" Dry wall screws (2 pcs.)



#8 Black screws (8 pcs.)



6" x 36" Cardboard Threshold Template

Parts:

- A) Hinge-side jamb
- B) Door slab
- C) Lock-side jamb
- D) Top header jamb
- E) Bottom bar
- F) Threshold plate
- G) Multi-blade bug sweep
- H) Touch-up paint
- I) One-way driver tool
- J) 4" one-way screws (12 pcs.)
- K) #10 3-1/2" drywall screws (2 pcs.)
- L) #8 black screws (8 pcs.)
- M) 6" x 36" cardboard threshold template

Recommended Tool List:

- Measuring tape
- Pencil
- Level
- Drill and drill bits* (1/8", 5/32", 3/16")
- Flat-blade screwdriver
- Phillips head screwdriver
- One-way screw driver and remover
- Square
- Tin snips/aviation snips
- Box knife
- Safety glasses
- Wood blocks and shims
- Paintable caulk and caulk gun

*Drill bits should be a minimum 4" in length

1 Determining Your Build Out Area

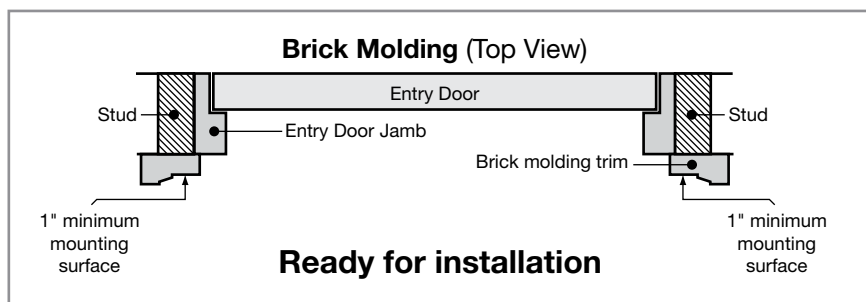
Inspect Your Entryway for Obstructions

Check for any obstructions above and around your entryway that may prevent the outward swing of your new security door, and/or its installation, such as:

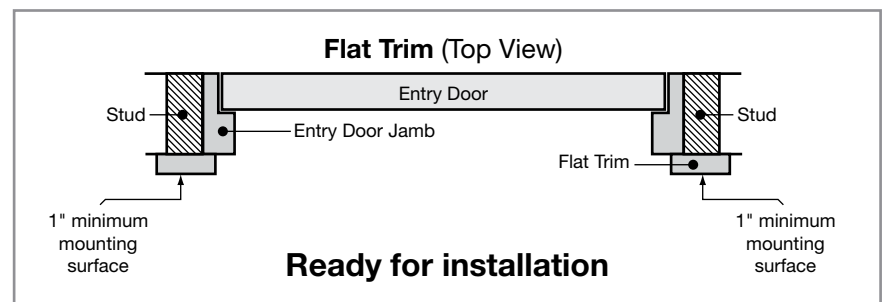
- Light fixtures
- Door bell
- Low overhang
- Door handle of your existing entry door
- Trees, bushes, or hanging plants

Determine Type and Readiness of Mounting Surface

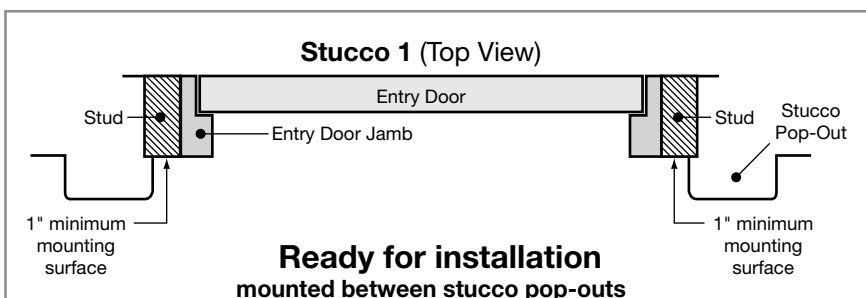
Your new security door will require a minimum mounting surface of 1" on the trim above, and on both sides of your entry door. Mounting screws must be secured to a stud in the wall. Review diagrams below, and determine which one most resembles the trim around the entry door to which you will mount your security door.



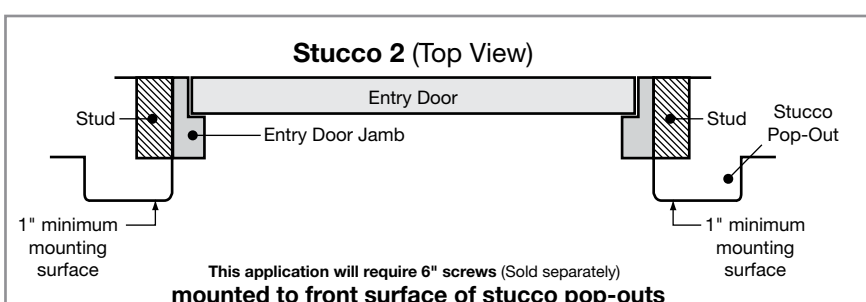
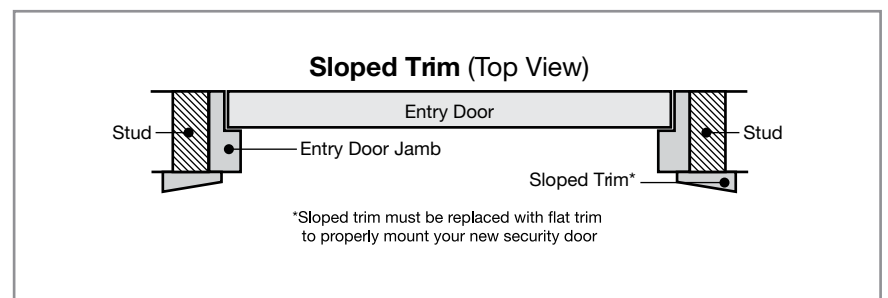
or



or

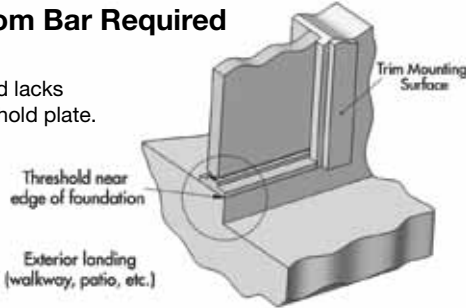
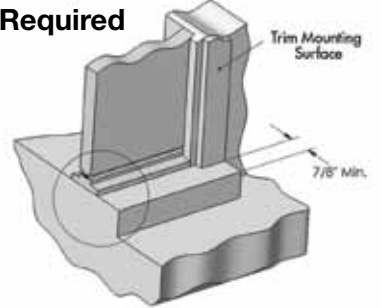
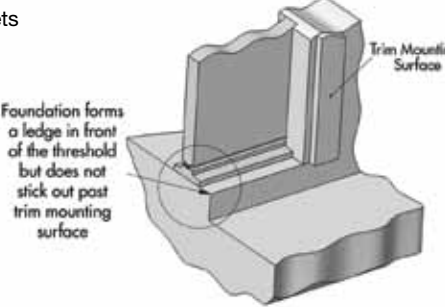
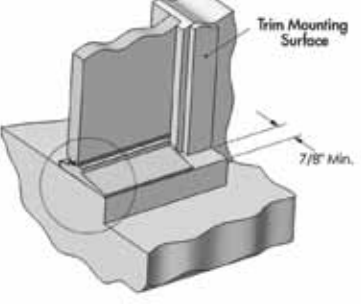
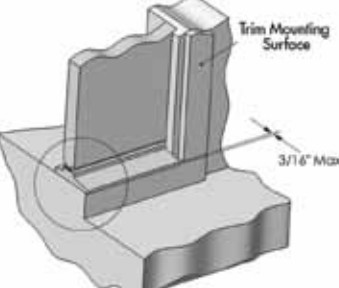
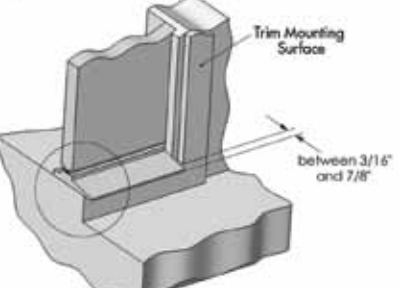


or



2 Determining Your Threshold Configuration

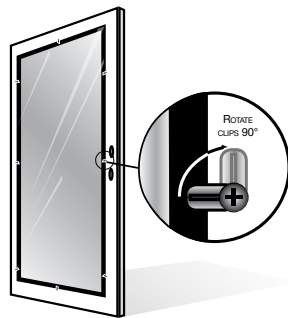
Look at your existing entry door threshold and use the diagrams below to determine which threshold configuration best applies to your entryway. This will determine whether a bottom bar is or is not required for your security door.

<p>Bottom Bar Required</p> <p>! The concrete is set back and lacks space to mount to the threshold plate.</p>  <p>Trim Mounting Surface</p> <p>Threshold near edge of foundation</p> <p>Exterior landing (walkway, patio, etc.)</p>	<p>Bottom Bar NOT Required</p> <p>! The concrete extends at least 7/8" further than your trim.</p>  <p>Trim Mounting Surface</p> <p>7/8" Min.</p>
<p>! The concrete and threshold sets back behind the trim.</p>  <p>Trim Mounting Surface</p> <p>Foundation forms a ledge in front of the threshold but does not stick out past trim mounting surface</p>	<p>! The existing threshold extends beyond the trim by 7/8" or more.</p>  <p>Trim Mounting Surface</p> <p>7/8" Min.</p>
<p>! The existing threshold sticks out beyond the trim by 3/16" or less.</p>  <p>Trim Mounting Surface</p> <p>3/16" Max.</p>	<p>! The existing threshold extends past the trim between 3/16" and 7/8".</p>  <p>Trim Mounting Surface</p> <p>between 3/16" and 7/8"</p>

3 Preparing Your Security Door

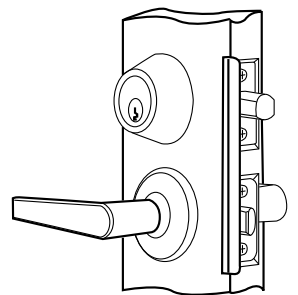
Glass Removal

If your door includes glass, remove it before you start the installation procedure. Loosen (do not remove) each screw. Carefully hold the glass panel in place and rotate each clip 90°. Carefully remove the glass panel and store it in a safe place during installation.



Handleset Attachment

Following the manufacturer's instructions, install your choice of 2-3/8" backset handle and lock set (Sold separately). Fully extend the lock bolts into the "locked" position on the security door (B).



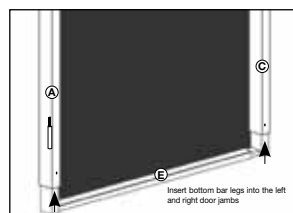
4 Installing the Hinge-Side Jamb

For Left Swing Door

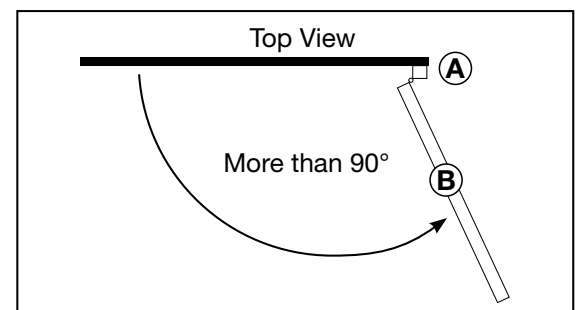
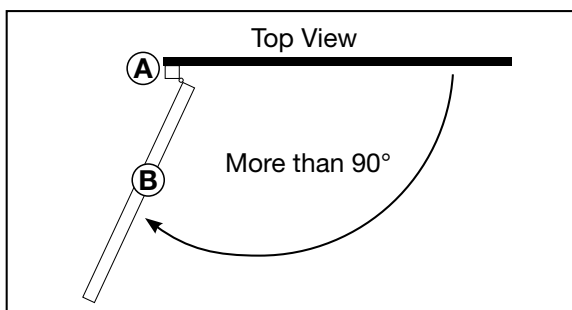
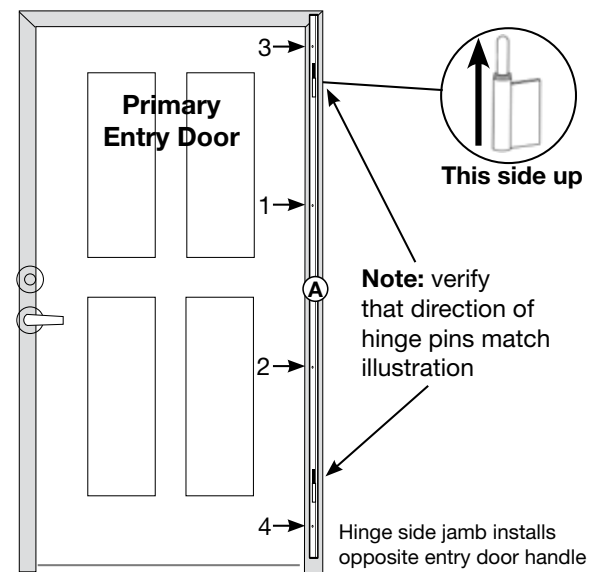
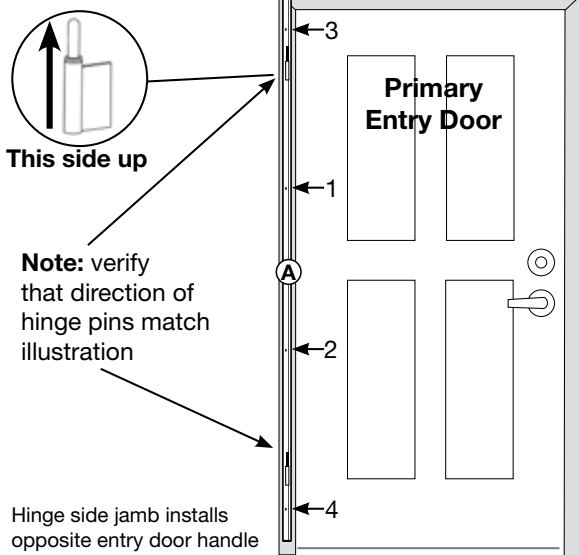
Jamb mounting

Position hinge-side jamb (A) on the desired side of the opening for your door swing. Allow for a 1/8" gap between the hinge-side edge of jamb and inside-edge of your mounting surface.

Note: There should be a minimum of 2-3/4" space below the hinge side jamb and below the entire width of the door to allow space for the bottom bar (attached in Step 7). It is okay to move the doors up within the doorway to ensure this space, as long as the top of the jambs do not go beyond the top-edge of your trim framing. If a 2-3/4" space exists across the entire doorway, skip to the next paragraph. Otherwise, position bottom bar (E) on the ground in front of the doorway with the legs pointing up. Position the hinge-side jamb assembly (A) on the inactive side of the door, sliding the jamb over the bottom bar leg to correctly position the jamb. This alignment will be repeated for the active side jamb. See diagram below:



For Right Swing Door



Important: All jambs must be positioned to allow secure mounting to your trim framing around the opening.

Make certain hinge-side jamb is plumb. Mark the location of the 1 & 2 mounting holes for hinge-side jamb, by inserting a screw through the jamb and either making a dent or scratching the mounting surface. Set the hinge-side jamb aside and, where marked, pre-drill the two holes, using a 3/16" drill bit.

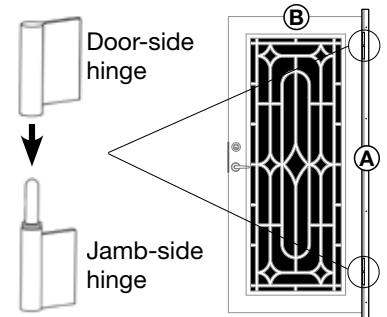
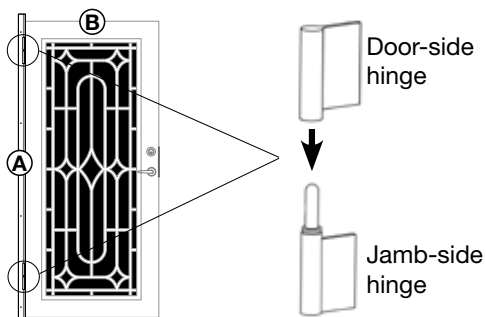
Support Jamb with temporary screws:

Return the hinge-side jamb to position, verify again that it is plumb, and install two of the #10 3-1/2" dry wall screws (K) supplied into holes 1 & 2 (see diagram at top left), and temporarily mount the hinge-side jamb (A). These screws are inserted only to hold the security door frame plumb while test fitting the door, and will be removed and replaced with one-way screws, later in this step.

Hang the door to test fit:

Holding the door open at more than a 90° angle (see diagram at center left), hang the security door (B) onto the hinge pins of the hinge-side jamb (A), starting with the bottom pin first (see diagram at bottom left). Ensure that door is fully seated on hinges.

Place a level across the top of the door, to verify that the security door is level, then re-verify that the hinge-side jamb has remained plumb during the hanging of the security door. The door will be removed in Step 6, then reinstalled in Step 9. If the door is not plumb vertically and/or horizontally, remove door panel and re-position jamb.



Continued

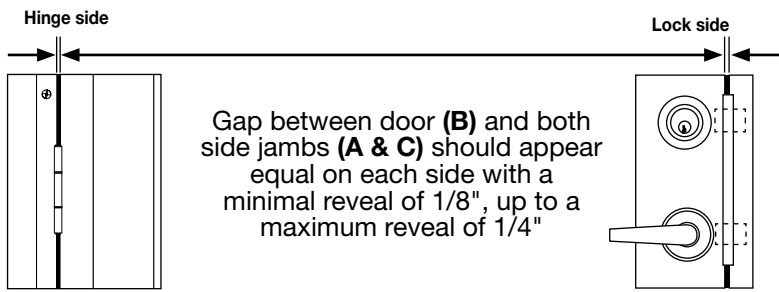
4 Continued

Secure Hinge-side Jamb with One-way Screws:

Pre-drill two 3/16" holes, 1-1/4" deep, into the entryway trim mounting surface, through holes **3 & 4** of the hinge-side jamb. Install two one-way screws (**J**) into holes **3 & 4**, securing the jamb to the entryway trim, using your drill and the supplied one-way driver tool (**I**).

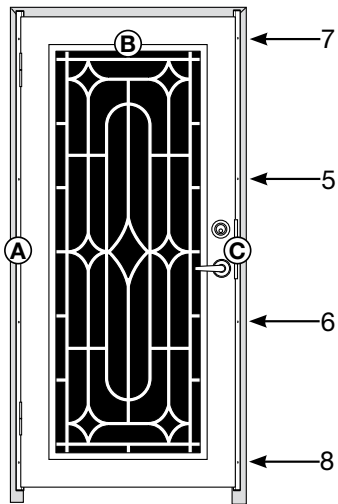
Remove the two #10 3-1/2" dry wall screws (**K**) previously installed into the hinge-side jamb (holes **1 & 2** in the diagram). Drill two 3/16" holes, 1-1/4" deep, into the entryway trim mounting surface, through holes **1 & 2**. Install two one-way screws (**J**) into holes **1 & 2** using your drill and the supplied one-way driver tool (**I**).

5 Installing the Lock-Side Jamb



Jamb Alignment

Align the lock holes, in the lock-side jamb (**C**), with the lock bolts extended. Maintain a space between door (**B**) and the lock-side jamb (**C**) equal or similar to the space between the door (**B**) and hinge-side jamb (**A**), from top to bottom. Make sure the lock-side jamb is plumb, then mark the location of mounting holes **5 & 6** of the jamb, by inserting a screw through the jamb and either making a dent or scratching the mounting surface. Set the lock-side jamb aside and, where marked, pre-drill the two holes, using a 3/16" drill bit.



Temporary Screws

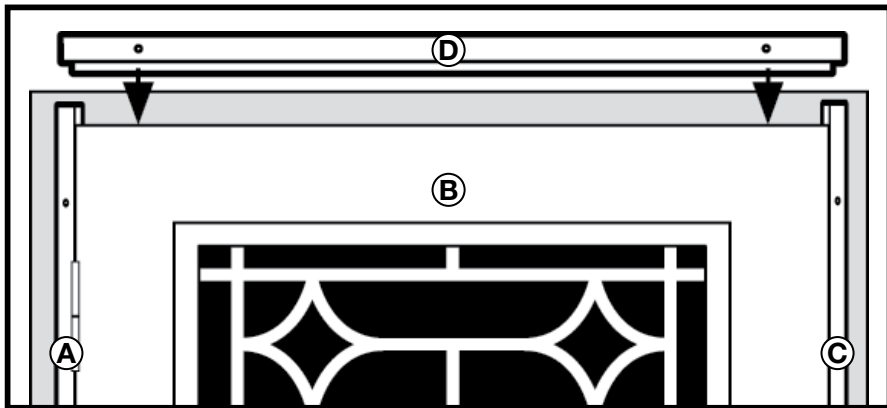
Return the lock-side jamb to position, verify again that it is plumb, and install two #10 3-1/2" dry wall screws (**K**) supplied into holes **5 & 6** (see diagram at left), and temporarily mount the lock-side jamb (**C**). These screws are inserted solely to temporarily hold the jamb plumb.

Permanent Screws

Pre-drill two 3/16" holes, 1-1/4" deep, into the entryway trim mounting surface, through holes **7 & 8** of the lock-side jamb. Install two one-way screws (**J**) into holes **7 & 8**, using your drill and the supplied one-way driver tool (**I**).

Remove the two #10 3-1/2" dry wall screws (**K**) previously installed into the lock-side jamb (holes **5 & 6** in the diagram). Pre-drill two 3/16" holes, 1-1/4" deep, into the entryway trim mounting surface through holes **5 & 6**. Install two one-way screws (**J**) into holes **5 & 6** using your drill and the supplied one-way driver tool, being careful to insure that the jamb does not move and maintaining the 1/8" to 1/4" gap between the door and the jamb.

6 Installing the Top/Head Jamb



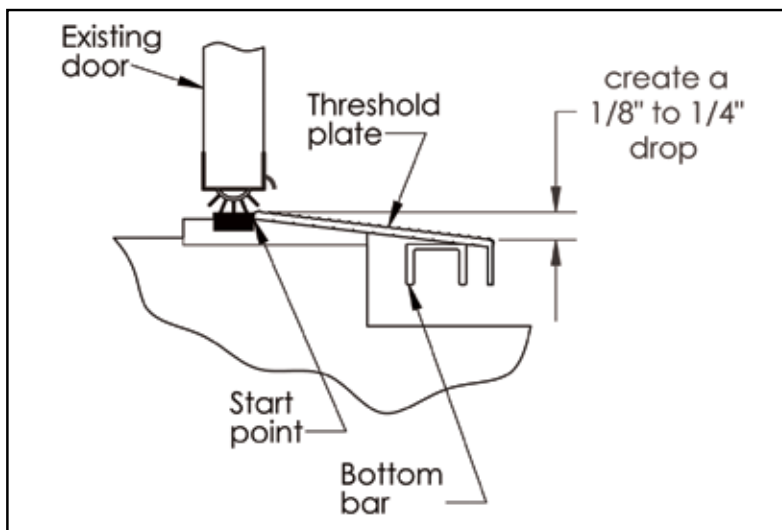
Place the top head jamb (**D**) above the door (**B**) and between the two side jambs (**A & C**). Take care to make sure that a minimum of 1/8" reveal is consistent on both sides jambs (**A & C**) as well as on the top head jamb (**D**). Spacing should be equal from left to right and above the door. Mark the location of the mounting holes. Set the top head jamb (**D**) aside and, where marked, pre-drill 3/16" holes 1-1/4" inches deep. Return top head jamb to position and fasten to mounting surface using the provided one-way screws (**J**) and the supplied one-way driver tool (**I**).

7 Installing the Bottom Bar

Note: If you will **NOT** be installing the bottom bar as determined in **step 2**, discard the bottom bar and skip to **step 9**, otherwise, remove door from hinges and set aside.

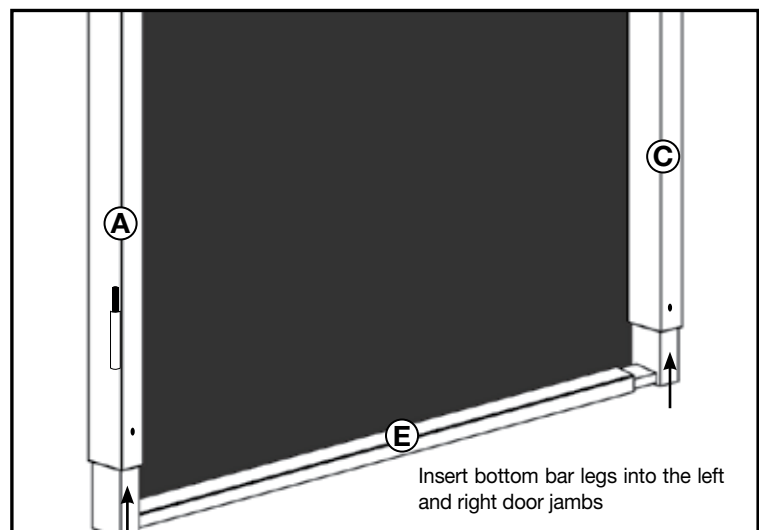
Bottom Bar Placement

The bottom bar (**E**) will need to be installed 1/8" to 1/4" lower than the existing doorway so that there is a slope to the threshold. This allows any moisture to drain away from the door.



Bottom Bar Installation

Insert bottom bar legs into the left and right door jambs. Adjust the bottom bar to the correct height. Install bottom bar (**E**) using two #8 self-tapping screws (**L**) as shown. Keep your drill on a low speed so the threads do not strip.



8 Installing the Threshold Plate

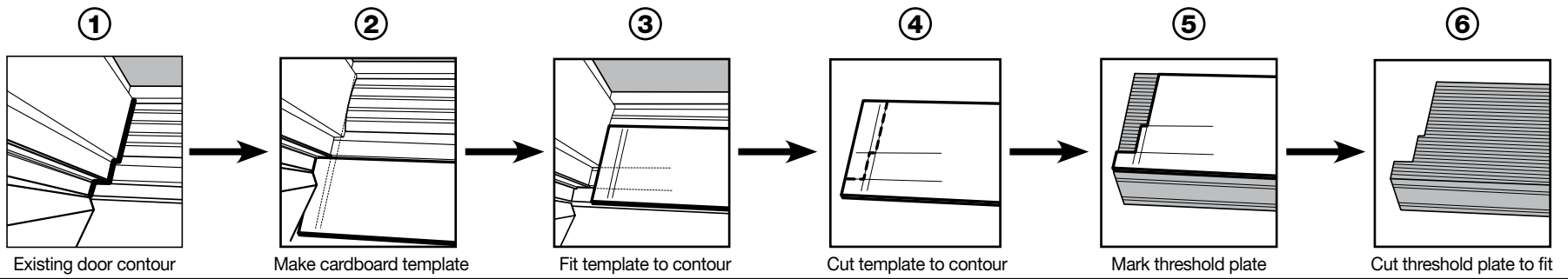
1 The contour of door framing varies, making it necessary to cut the threshold plate (**F**) to fit. We recommend cutting a cardboard template to fit the opening first, to avoid cutting the threshold plate incorrectly.

2 Lay provided cardboard template (**M**) on top of the bottom bar and push into existing threshold, as far as it will go. Using a straight edge, mark the template at the various widths of your existing molding and trim at both ends.

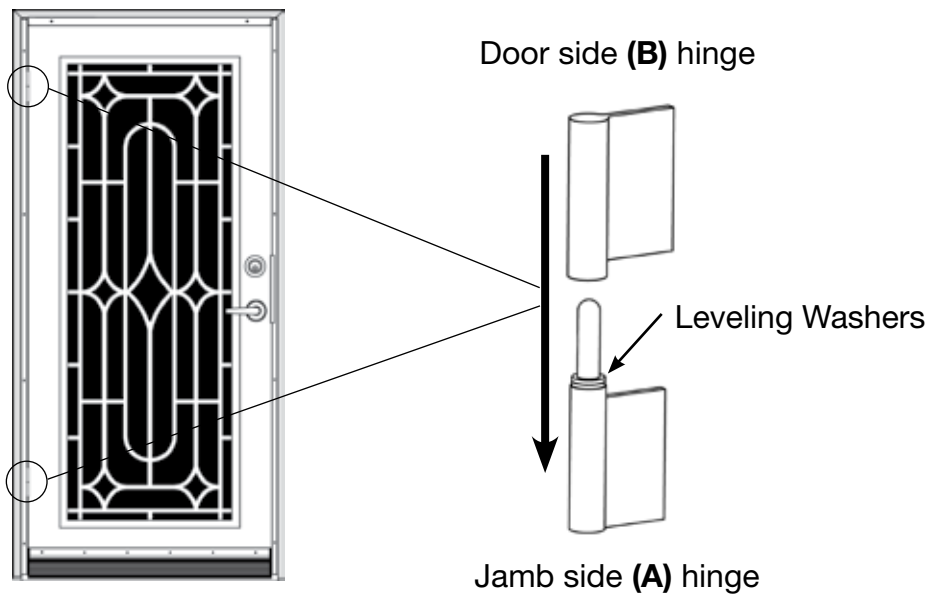
3 Move template so that front edge is flush to the front edge of bottom bar (it is okay to bend template to allow to fit the shortest width between your molding and trim). Mark at the various corners of your existing molding and trim.

8 Continued

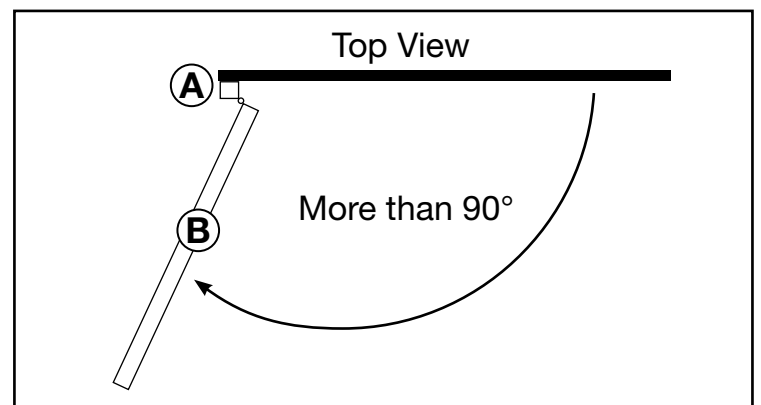
- ④ Using a box knife, cut template to shape of molding and trim revealed by the markings. Test fit the template. (It should lay across the bottom bar, with the front edge flush to the front edge of the bottom bar, and fit in and around the corners of the existing molding and trim.)
- ⑤ Once you have created a good template, use the template to mark the threshold plate.
- ⑥ Using tin snips/aviator snips, cut threshold plate to match the shape of the template (⑥). Position threshold plate to extend across the bottom bar and into the existing threshold. Use 1/8" drill bit to pre-drill holes for mounting screws. Attach threshold plate to existing threshold using the provided screws (L).



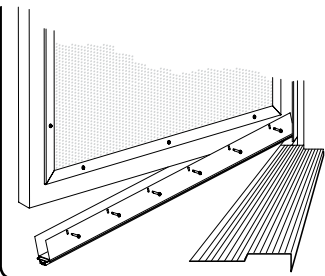
9 Installing the Door



Hang the security door (B) on the jamb hinges (A), holding the door open at more than a 90° angle (see diagram below), starting with the bottom pin first.



10 Installing the Bug Sweep



Open the door. Slip the multi-blade bug sweep (G) onto the bottom of the door. Hold sweep in place and close the door. Allow the sweep to fall and sit resting on the threshold plate (F). **Note:** Be sure there is not a gap between the sweep and the threshold plate and that the sweep is centered on the bottom of the door. Use a 1/8" drill bit to pre-drill the two outer holes for mounting screws. Using the screws provided (L), attach the sweep to the bottom of the door through the two outer holes. Test that the door opens and closes freely. If not, loosen the screws and make necessary adjustments. Retighten screws and test again. Repeat until successful. Pre-drill remaining holes and install the rest of the provided screws (L).

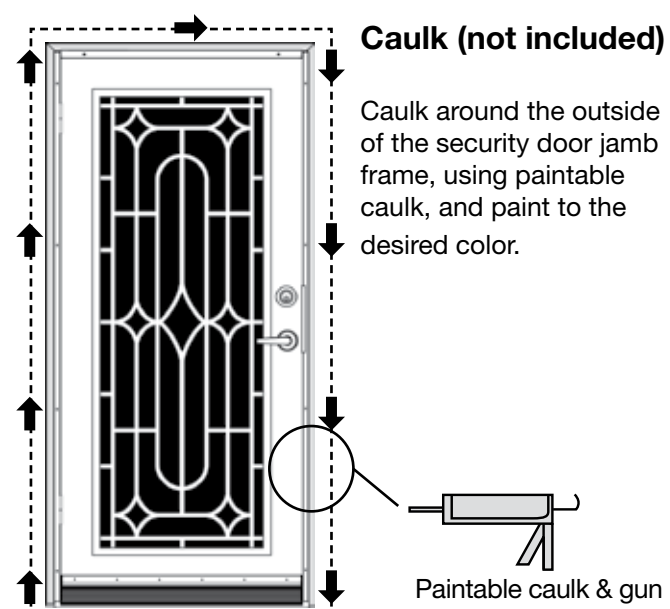
11 Installing the Door Closer and Wind Chain (Optional, Purchased Separately)



Follow the manufacturer's instructions included with the wind chain and door closer to install on your new security door.

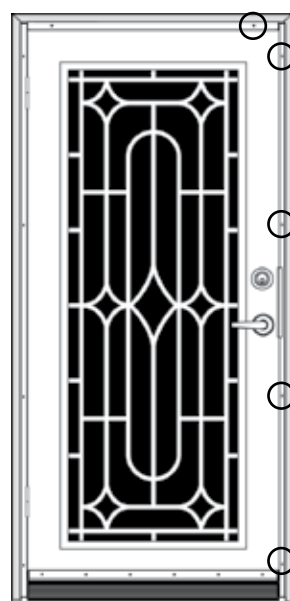
Note: It is not required to use a wind chain and door closer for your security door.

12 Installing the Door Closer and Wind Chain (Optional, Purchased Separately)



Caulk (not included)

Caulk around the outside of the security door jamb frame, using paintable caulk, and paint to the desired color.



② Touch-Up Paint (H)

Shake the supplied touch-up paint (H) vigorously for 2 minutes and paint the heads of the one-way screws as indicated in the diagram.

③ White Grease Lubricant (not included)

Use white grease to lubricate the hinges of your new security door every six months.

Warranty Information

Your Unique Home Designs Premium Security Screen door is warranted for residential installations against manufacturer defects under normal use for as long as you own your UHD product, and terminates if you sell or otherwise transfer the product or the property upon which it was installed. The Powder Coat Finish is warranted for five years from date of purchase. All other components of the product, including sunscreen material, bug sweeps, weather-stripping, and composite materials are covered for one year from date of purchase. If the door breaks or structural defects occur, Unique Home Designs will, at our discretion, repair or replace the door. If your home is burglarized and entry was accomplished through a UHD security door, locked with a double dead bolt, UHD will pay your insurance deductible up to \$1000 or replace as applicable the damaged UHD security door at no charge (the "Home Protection Warranty"). Replacement items may vary in style due to changes in suppliers and product. Not all colors can be reproduced if colors have been discontinued. UHD is not responsible for any labor expense required to repair or replace the door. UHD is not responsible for securing the property while warranted items are being repaired or replaced. Cutting parts not specified by the installation guide or parts drilled incorrectly are not included in this warranty. Any problem caused by abuse, misuse, failure to maintain warranted item properly, adjustments due to settling of the structure that the product is mounted on, or acts of God, are not covered.

To make a claim under this Warranty, send a brief written description of the problem, a picture of the claim, proof of purchase, and your contact information to: Unique Home Designs, 973 N. Colorado Street, Gilbert AZ. 85233 Attn: Warranty Claims

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helpmeininstallit.com