



Sliding Glass Door Kit Installation Instructions

For Internally Framed Left or Right Hand Sliding Doors



Read the Entire Guide First -- Do Not Skip Any Steps

[Installation Video available on our YouTube Channel](#)

[Sizing Guide available on our product page](#)

Install Time: 10 minutes

Install Difficulty: Medium

Disclaimer: Following this guide, in order, will help you install the kit properly. Be sure to reference the sizing guide to ensure you have the right kit before starting. There are warnings, cautions, and notes in this guide that you need to read and understand. If you have questions you can reach us at support@havenlock.com. You assume the risk for installing this kit and/or our lock. HavenLock Inc. is not responsible for any damage to your door, floor, or person resulting from the installation or use of this kit.

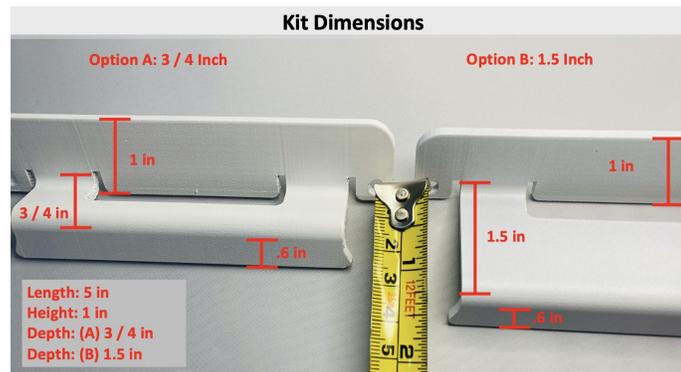
Kit Overview

Kit Includes



- Determine which kit is best for your sliding glass door here
- Bracket: Either option A or option B included in the kit you ordered, not both
- 2 self tapping screws #8 3/4" Hex Head
- 1 piece of double sided VHB tape

Kit Dimensions



Tools Needed for Install of Kit

- 1/8" drill bit for bracket pilot holes if necessary
- Drill driver with 1/4" Drive socket and #2 Phillips head bit
- Pencil or marker

Note 1: The self tapping screws included in the kit are stronger enough to secure the bracket to the door in most situations. There may be certain door materials that require you to drill a pilot hole, but generally these screws are built to go through a range of materials.

Note 2: Refer to install.havenlock.com to select the drill bit to use to install your lock. Depending on your floor type, your situation may require a masonry bit and concrete screws. Following the automated guide at the address above is needed to ensure proper installation.

Lock and Bracket Placement

1. Confirming that you have the right kit

- A. At this point you already have a Haven Lock and sliding glass door kit. You will need to confirm, based on the following steps, if the kit and risers you have selected are the appropriate ones for your sliding glass door.
- B. The kit that you have only works on internally frame sliding glass doors. That means that your sliding glass door sit on the inside of the house in front of the static glass window that your door slides in front of. If you have an externally framed door this kit won't work for you.

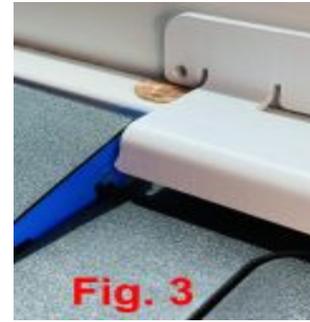
2. Determine where to position the lock

- A. The proper location for this is in the middle of the sliding section when the door **is fully closed shut**. This allows the lock to sit in front of the door when operating it.
- B. If you have toe molding in front of the sliding glass door frame, it needs to be removed for the lock and kit to operate properly together (Check our YouTube Channel for that)
- C. Mark the left and right edge of the lock with a pencil to remember lock placement for the install later in the guide.



3. Determine where to position the bracket

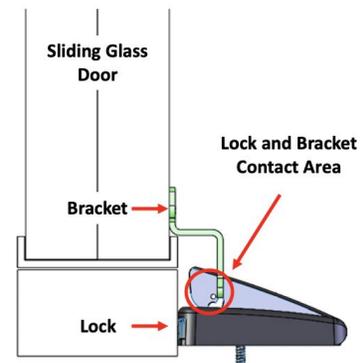
- A. **Bracket Placement:** Make sure the bracket is positioned vertically on the sliding door frame so that it will catch on the side of the Havenlock gate when it is in the locked (up) position (**Fig. 1**), and that it will clear the Havenlock gate when it is in the unlocked (down) position (**Fig. 2**). The Havenlock should be pushed up as close as possible to the frame. You will need to remove the toe molding to achieve this fit if any is present. Based on the height of your frame ledge from the floor, you may be required to use more than 1 riser for your Havenlock to achieve proper contact with the bracket. Proper contact looks like the edge of the bracket contacting the side of the raised gate in the middle, in front of the silver pin on the edge of the gate (**Fig. 3**).



You want to make sure that you have some clearance from the sill frame that holds the sliding glass door underneath the bracket as some sliding glass doors are not framed level. Placing two pennies under the screws holes on either side, or the orange spacer that comes with your Havenlock is a good rule of thumb (**Fig. 3**).

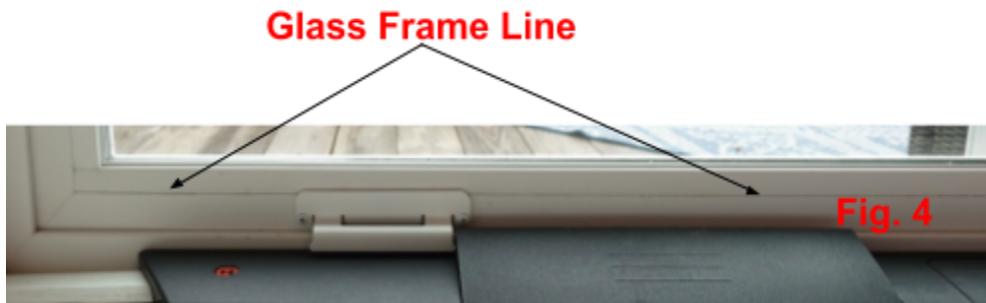
CAUTION: You want to make sure that the locking gate is as close as possible to the bracket edge to prevent a large gap in lock and bracket contact. You do not want, however, the bracket to touch the locking gate as it may cause the bracket to prevent the locking gate from raising during activation. Using the orange spacer card in your lock box is a good spacing rule of thumb between the locking gate and the bracket (**Fig. 7**)

Profile View of Lock and Bracket



B. Mark Bracket Holes: Once proper position has been determined, mark your pilot holes and the top and bottom of the bracket to fit the bracket on the door frame with a pencil. It is advised that you open the door to different positions while holding the bracket in place to make sure any unevenness in the frame doesn't impede the movement of the door when the bracket is installed.

CAUTION: The most important thing to note about your sliding glass door is the position of the glass window insert and how far it sits into the frame of the door. You do not want to screw in close to the glass as you could cause damage to the frame and the glass. Typically the glass window sits about a ¼ to ½ inch into the frame. Sometimes you can see the outline frame where the glass sits (**Fig 4**).



Bracket Installation

4. Secure the Bracket to the sliding glass door frame

A. Determine method to secure: We recommend that you secure the bracket to the sliding door frame using the VHB tape, and then the self tapping screws. If you are not comfortable securing the bracket with screws, you can use industrial construction adhesive from the hardware store in place of the screws.

B. Drill pilot holes (if necessary): If you have a hard metal slider it may be necessary to drill pilot holes. You should use a 1/8" drill bit to drill your pilot holes for your screws. Don't apply too much pressure as you don't want to drill through the opposite side of the frame (**Fig. 5**). Make sure to double check your hole position to ensure you aren't drilling into the glass or the glass frame. The self tapping screws included in the kit are strong enough to secure the bracket to the door in most situations. There may be certain door materials that require you to drill a pilot hole, but generally these screws are built to go through a range of materials.

C. Tape application: Attach the included 3M tape piece to the back of the bracket (side to be screwed into the door) for extra strength. In some instances the tape should be enough to hold the bracket in place, and screws may not even be necessary. We recommend using both. See **Fig.**

6 for tape placement. Be sure not to cover the screw holes, it may be necessary to trim the tape. If you tape over the holes, the screws could twist the tape and damage it.



D. Adhesive application: If you opt to use the construction adhesive, cover that same area as the tape and some on the wing tips above the screw holes to get maximum adhesion.

E. Place bracket on door: Double check alignment of the bracket with the lines you marked earlier and stick the bracket to the door. VHB tape is strong but if you misalign it and try to remove it, you will lose strength, and may ruin the tape application.

F. Use Screws to Secure Bracket Further: Once the bracket is in place, using a drill driver with a ¼ inch socket head screw the bracket into the door frame. Be sure not to over tighten the screws as you could strip out the sliding door material you are drilling into.



WARNING: IF YOU SCREW TOO CLOSE TO THE GLASS FRAME YOU COULD CRACK AND SHATTER THE GLASS. WE HAVE OTHER ATTACHMENT OPTIONS FOR THE BRACKET, TO INCLUDE TAPE AND ADHESIVE. IF YOU INSTALL THE BRACKET AND SHATTER THE GLASS, YOU COULD GET CUT OR INJURED. HAVEN IS NOT RESPONSIBLE FOR ANY DAMAGE THAT OCCURS TO YOUR SLIDING GLASS DOOR OR ANY HARM OR INJURY TO THE INSTALLER OR THE USER.

Note: At this point the bracket should be securely attached to the door. DO NOT test the strength of the bracket. The VHB Tape takes about 72 hours to properly cure before it reaches its full strength.

Lock Installation

5. Secure the Lock to the floor

A. Ensure that the door is securely closed and locked using the handle lock. This will allow for the best fit of Haven to the bracket you have just installed.

B. Line up your lock: In a previous step you marked on the floor where your lock should be placed. After installing the bracket, the best position for the lock may have shifted slightly left or right depending on the accuracy of the bracket install. With the lock placed on the floor, with the proper risers, and the locking gate up, ensure that the side of the gate that should make contact with the lock has an orange spacer width of gap between the locking gate and the bracket edge (**Fig. 7**). Using the orange spacer card in your lock box is a good spacing rule of thumb between the locking gate and the bracket.



CAUTION: You want to make sure that the locking gate is as close as possible to the bracket edge to prevent a large gap in lock and bracket contact when locked. You do not want the bottom of the bracket to touch the locking gate as it may prevent the locking gate from raising during activation.

C. Preparing your Haven: At this point you should prepare your Havenlock to be installed in front of the sliding glass door based on the lineup steps you just accomplished. You will need to remove the gate cover to mark the drill holes for your lock. You can follow the steps in our automated install guide to prepare your lock at install.havenlock.com and actually secure the lock to the floor.

CAUTION: Make sure you know what your floor and subfloor materials are. If you have a concrete subfloor you will need to use a masonry bit and concrete screws to attach the lock to the floor. Neither of the items are provided with the lock, only wood screws.

Note: You need to ensure that your lock is as close to the frame as possible. The orange spacer card that is mentioned in that automated guide should not be used for sliding glass doors unless specifically mentioned in this guide.

- D. Marking holes for install:** You don't need to use all of the install screws provided in the box. For this application, only 2 screws are required to install your Haven to the floor. It requires screws in the two outer installation holes of the lock. You should install the screw closest to the bracket first. You can see (**Fig. 8**) that we have the spacer in place as we mark and drill our holes. This will allow for the most proper and exact fit. Once the first screw is installed, go to the opposite end of the lock and install that screw.



CAUTION: Do not overtighten the screws as you could strip the end, and cause the lock to bind. We recommend using a drill with a #2 phillips head for most of the screw in portion on a low torque setting.

Post Installation and Test

6. Post Installation

- A. Securing Haven:** Once you have secured your Haven to the floor with the two screws it will be necessary to reattach the gate cover. Depending on how much clearance you have with the frame ledge, the easiest way to secure the gate cover back onto the gate is using a small screwdriver or your finger. With the gate cover on, place the screws in the cover and attach to the gate using your finger to rotate them into place. These screws are not engineered for strength so tightening them down isn't as important as it is to secure the gate cover.



- B. Finishing Your Haven Setup:** If you have a Haven Connect you can refer back to the automated guide at install.havenlock.com to pair the lock to your phone app, keyfob, and Haven Hub. If you have a Haven Connect Z (our Z-Wave lock), refer to your Z-Wave controller for pairing instructions. If you have a Haven Mech, your lock should work perfectly.

7. Post Installation Adhesive Cure

- A. Allow time for the VHB tape or adhesive to cure:** Now that you have completed installing the sliding glass door bracket, you can lightly test lock and bracket contact. The bracket should catch and there should be little to no rocking of the sliding glass door.

CAUTION: Do not do a full strength test of the kit as the VHB tape and/or construction adhesive needs time to cure (approx. 48-72 hours). If you do this in advance of a full cure, you could cause the bracket to pull out of the sliding glass door and/or damage the install and your door.

8. Frequently Asked Questions

- A.** Where can I find more detailed instructions on installing the Havenlock to the floor?
- i. For more information on preparing and installing your Haven we recommend you go to install.havenlock.com and select either Connect or Mech for more detailed instructions.
- B.** Will installing this bracket crack my sliding glass door?
- i. If you drill into the glass frame that sits in the door (usually ¼ to ½ inch) then you could potentially crack the glass. Following the proper bracket placement guidelines outlined in these instructions will help to avoid damaging the glass in your door. Additionally, to install this kit properly we recommend that you use both the screws and the VHB tape together for maximum strength. However, you can use just the tape, which is strong, but not as strong as tape and screws together. If you want to ensure a complete install you also have the option of using the construction adhesive recommended in the install guide.
- C.** Do I need special screws to install the Havenlock with this kit?
- i. You do not unless you have a concrete subfloor, in which case you would need a masonry bit, and concrete screws.
 - ii. If you have a tile floor, you will need to use a ceramic tile drill bit to drill pilot holes in the tile, then use the proper screws for whatever subfloor you have (wood or concrete).
 - iii. Installing a Haven for you sliding glass door only requires two screws at a minimum, one on either end of the product.
 - iv. If you want to use the 3M VHB tape product to install your Havenlock you can do that without any issue, just as long as your floor is clean and free from debris and meets our guidelines on our 3M VHB product page.
- D.** Do I need to remove the toe molding in front of my sliding glass door?
- i. Yes, you can watch the toe mold removal video on our YouTube page.