

VAULT DOOR MOUNTING INSTRUCTIONS

ROUGH OPENING

Make your opening a minimum of 3/4" (total) extra room from side to side and 1/2" extra room from top to bottom. Make it a 1/4" larger than that if you do not have much faith in your cement guy. If you ordered a custom sized vault door from our website for a preexisting opening, we automatically reduce the vault to meet your rough opening dimension. When mounted and the door open, figure a minimum of 9/16" worth of clearance from the bottom of the door to the floor, so keep in mind the thickness of your carpet, tile, etc, to determine if you need to create more of a threshold.

WHAT YOU NEED TO PURCHASE

For standard size vault doors, purchase 10 anchors that are 1/2" to 5/8" in diameter and 3-4" in length. Custom sized vaults will have a different amount of anchor points depending on the size purchased. You will also need to purchase high PSI mortar, shims, sledge hammer, roto hammer drill and wedging blocks.

GENERAL MOUNTING INFO

If you purchased the Panic Button option make sure it's disengaged (pulled out) **at all times**. Only engage it when you want to lock yourself inside. The vaults frame allows total adjustment to match the hang attitude of the door. You are hanging this vault similar to any pre-hung door with the exception that it's heavier to shift around. The vaults come standard with no flanges so you can recess the door as far as your opening depth will allow. It's extremely difficult to open and close the vault while it's laying down and before it's been mounted, so only attempt to open it while it's upright during installation.



READ ENTIRE INSTRUCTIONS BEFORE BEGINNING!

Be cautious and use good judgment. These instructions are just an outline and installation of the vaults are recommended to be done by a professional.

Put the vault into position as shown here. Be sure to have it lay down on some type of support so the dial and handle doesn't get damaged.



Once erect at least one man will need to be on the inside. Position the vault in the doorway where you want it. Don't worry about the attitude of the door at this time. With the door still closed, position the vault within the cement opening and mark around the vault frame in the cement so you know where you want it positioned later. Then you will need a few guys to help open and stabilize the door. The door might drag around the framing when opening at this point but that's normal. You will likely need a pry bar or 2x4 to pry the door up (and out) to a 90 degree angle. As the door swings open, lift and pull the door at the same time, stabilizing the frame.



Once open the door will need support on the outside corner to help hold it up and to move frame back into the marked position in the cement rough opening.



This is a bad example picture, but place an anchor stud **ONLY** in the frames anchor holes near the top and bottom hinge. Now that the frame is secure on one side there should be a gap on the other side. If the door doesn't match up, hammer the frame in or out and wedge it (with wedging blocks) into marked position. Open and close the door and check the attitude of the door compared to it's steel frame. Carefully close the door. Once closed, determine which direction you should shim the frame (between cement and frame). If the door is fitting well into the frame, both center locking lugs should engage and disengage with perhaps a little bit of clearance. If these conditions are good, skip to the last pictures instructions.



You should be reading this section because the frame may require adjustments with shims. Where you insert the shims will depend on what part of the frame is sticking out. For example, when you shut the door and the door hits on the top first and doesn't quite close on the bottom, you would loosen up the top anchor and slide a 1/8" (or thicker/thinner) shim in between the frame and the wall, and place the shim about an inch away from the upper anchor bolt. Tighten the anchor back up and make sure the frame is fitting good. This may require more tapping with a big hammer and wedging into position. If the door is rubbing on the bottom, loosen the bottom stud and place a shim all the way across, just below the stud. When you tighten it up it will drive the frame upward on the open side.



Now that the frame is fitting good and the door is opening and closing properly, go ahead and fill the gap between the frame and cement wall, which should be about 5/8" to 3/4" with high PSI mortar. Let it cure, then remove the wedges and fill in the wedge gaps with mortar. Test again to see if the door open and closes properly. Finish installing the rest of the anchor studs at this point. If you need anymore tips, please give us a call. 800-262-0023

WARNINGS!

Ignoring these warnings could cause death, injury, or damage to property.

- KEEP CHILDREN AWAY FROM THE VAULT DURING INSTALLATION AND WHILE THE DOOR IS OPEN.
- WATCH OUT FOR PINCH POINTS AT ALL TIMES.
- MAKE SURE DOOR IS SHUT AND LOCKED WHILE TRANSPORTING.
- DON'T OPEN THE DOOR IF THE VAULT IS UPSIDE DOWN.