



Pre-hung Door Installation Instructions:

DO NOT REMOVE SHRINK WRAP FROM THE DOOR AND FRAME UNTIL AFTER THE INSTALLATION IS COMPLETE!!

The following slides depict the 8 step process for installing a pre-hung unit.

Shrink wrap secures the door into the frame making the unit easy to handle. **It is designed to remain in place until after the installation is complete!!**

EMA Plates
Used to anchor the frame to the wall.

Factory pre-hung doors are shipped with spacer blocks between the door and frame to insure that the proper margins are maintained during installation.

There is also a spacer at the bottom of the door held in place by the shrink wrap to keep the bottom of the frame properly spaced and square with the door.





Step 1. Determine location of frame in the opening.

For this installation we have a 5 $\frac{3}{4}$ " frame being installed in a 6 $\frac{1}{2}$ " thick wall. The installer is marking the wall for the edge of the frame so it will center in the opening.



Step 2: Checking for plumb.

The hinge side of the door frame is always secured to the wall first. By checking the hinge side of the opening for plumb the installer can determine where the shims will be needed.



Step 3: Set Unit in opening

Once the installers have determined if and where the shims will be needed on the hinge side they are ready to set the pre-hung unit in the opening. The installation can be accomplished by one person but is easier with two people.



Working with one person each side of the door the unit is centered in the opening.



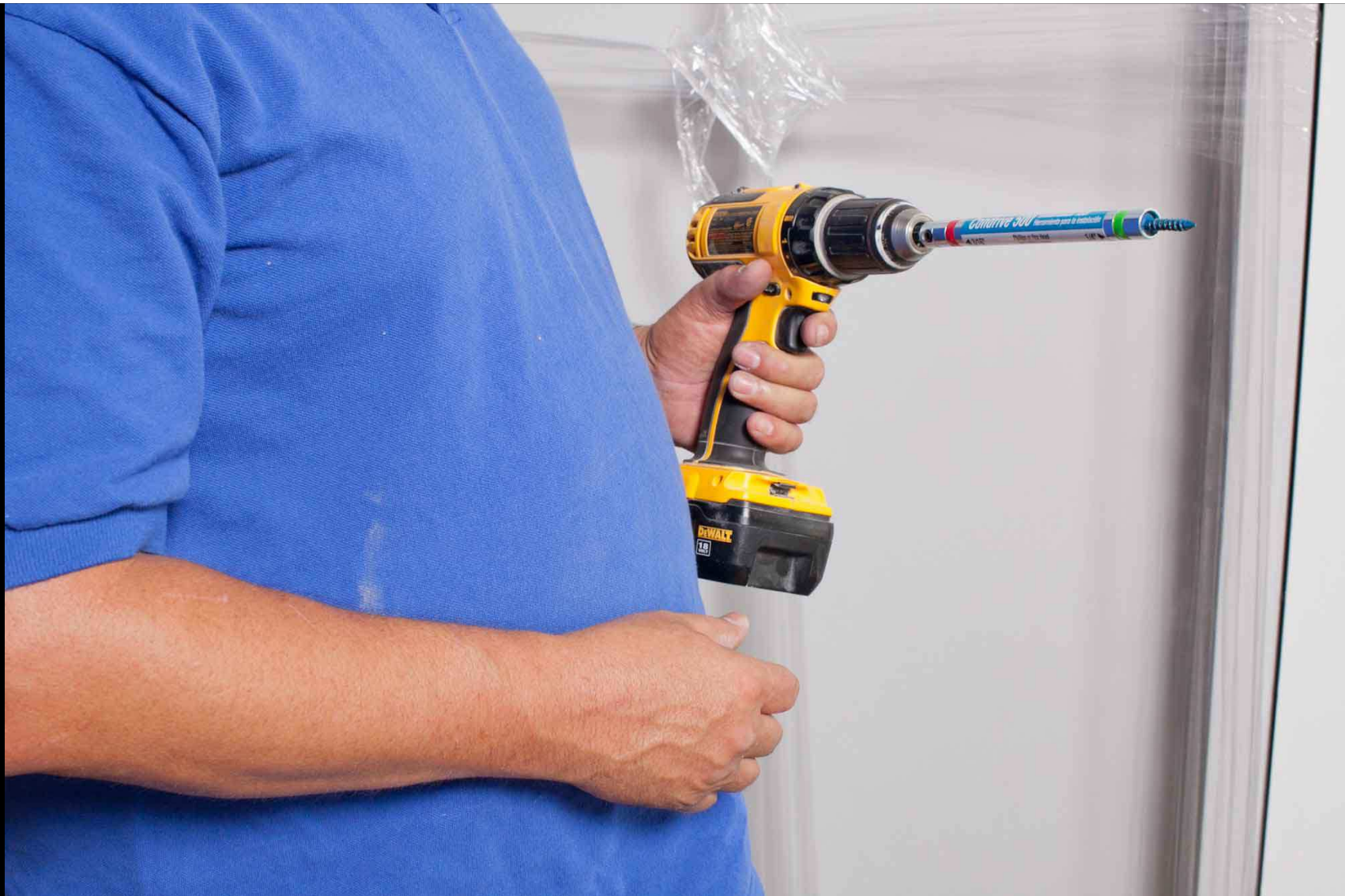
Step 4: Securing the frame in opening

The frames are secured into the openings by inserting anchors through the EMA plate in the back of the frame. The EMA plate is accessible by the hole in the line with it on the soffit of the frame. The type of anchor to be used is determined by the type of material the frame is to be installed in i.e. masonry, wood, metal etc.





Starting with the top anchor point on the hinge side drill the appropriate size pilot hole for the type of anchor you are going to use through the hole in the frame soffit and anchor plate in the back of the frame.



Depending on the type of anchors being used some sort of an extension may be needed to install them. In this case the frame is being secured using Tapcons.



Install the anchor drawing the frame snug against the wall or shims. Where shims are needed they should always be placed directly behind the anchor point.



Shim the frame so that it is plumb by placing a level on the soffit and the face of the frame. A 6' level is preferable. Again install the shims in line with the anchor points and from both sides so as to not twist the frame when the anchors are drawn down,



Drill the rest of the pilot holes on the hinge side of the frame and install the anchors drawing them down snug. Be careful to not over tighten the anchors. This completes the installation of the hinge side.



Moving to the lock side repeat the process by aligning the frame in the opening and shimming the top anchor point just so that it is snug. Then install the top anchor, plumb the frame and finish shimming and installing the rest of the anchors..



Step 5: Remove stretch wrap

After all the anchors are installed the stretch wrap can be cut away and the spacer at the bottom of the door removed. Open the door and remove the 3 spacers taped to the frame that maintained the correct door margin at the head and lock side.



Step 6: Install plugs

Plastic plugs are supplied to cover the holes in the soffit of the frame. These simply snap into place.



Step 7: Trim off excess shim material:

Carefully cut the excess shim material flush with the frame.



Step 8: Caulk and touch up frame

Caulk the entire perimeter of the frame on both sides at the joint between the frame and the wall with a commercial grade caulking designed for the installation of doors and windows.



The finished product