

REAL/CRAFT

PRE-HUNG PIVOT DOOR INSTALLATION

What you'll get: Pre-hung Door Unit

- Door Slab
- Pre-assembled jamb with pivot hinge
- White oak threshold
- Allen wrench for your specific pivot placement
- Bottom pivot adjustment tool
- Original FritsJurgens pivot hardware packaging
- FritsJurgens pivot hinge installation manual

Things you will need:

- Level (6ft recommended)
- Drill
- Shims
- Screws
- Hammer or mallet (mallet is kinder to wood)
- Pry bar
- Utility knife/chisel
- Tape measure
- Caulk/Silicone
- Nails
- Utility knife (for removing glass protection)

HOW TO INSTALL YOUR DOOR



Step 1. Measure and verify the rough opening.

Step 2. Pre-drill holes for jamb screws if using screws. Jamb screws should go behind the weatherstripping to better conceal them. If you have a very large door, an additional jamb screw should be placed on the jamb. (If using nails, no pre-drilling is necessary).



Step 3. Lay three heavy beads of silicone under the area that the threshold will make contact with (the sub-floor).

Step 4. Set the door unit, starting with the threshold. Firmly set threshold in place.



Step 5. Set shims around door unit for a tight fit.



Step 6. Use mallet to ensure the unit is plumb. Check with a level and measuring tape to ensure that the unit is square and plumb.

Step 7. Screw unit in place with a temporary screw. Do not screw too tightly in case further adjustments are needed.



Step 8. The door can easily be placed by first lifting the oval spindle on the M+ bottom pivot into the notch in the floor plate. It is important that the door is set in its open position, so the oval spindle should be rotated into that direction. The Axle Wrench is a useful accessory to accomplish this. Do not set the door on the pivot in the closed position. It will not work.



Step 9. After the door is placed on the bottom pivot, extend the top pivot by turning the hex key (included with your FritsJurgens packaging). Turn the hex key in the hole at the top of the door eight times.

Important: this way of installing applies to Top pivot 40 mm (TP-40) and Top pivot 70 mm (TP-70). When Top pivot Reversed (TP-R) is applied, the spindle is rotated downward (from the top pivot in the ceiling or door head) into the receiver in the top of the door – reversed.

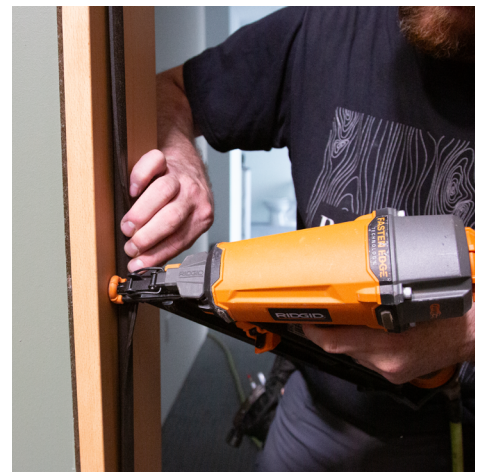


Step 10. Check both sides of the jamb for plumb again with a level.



Step 10.1. If your door is exceptionally wide, use one nail or screw in the center of the head jamb to prevent sagging.

You can use a 3/8" plug cutter to create plugs to cover screws only after everything is set correctly.



Step 11. Fasten the jamb to the stud on the hinge side and then the strike side, with nail gun or screws (screws recommended). If using screws, use the holes you pre-drilled in step 2.



Step 12. Check both sides of the jamb for plumb again with a level.



Step 13. Check if the door closes properly, add additional shims if the door is binding.

ADJUSTING THE PIVOT SYSTEM

The pre-hung door slab is not likely to need adjustments to make it square and flush, but in case it does, follow the steps below:

To fine tune the radial position to make the door flush

Unlock floor plate by loosening all four adjustment screws using the provided Allen wrench. Use the right screw to move the long side of the door toward you or left to move the long side of the door away from you. Then tighten one adjustment screw until you feel resistance. Finally, tighten the other three adjustment screws on the floor plate.

To fine tune the closing seam

Rotate the allen wrench in the top hole at the top of the door, to the left to move the door towards you, or to the right to move it away from you.

ADJUSTING DOOR MOVEMENT

The soft close

In the floor plate there are three adjustment screws. Rotate the middle adjustment screw with provided adjustment tool in the FritsJurgens kit. Rotate to the left to make the door close faster, rotate to the right to make it close slower.

Door speed control

To change door swinging speed through the last 30 degrees of the door closing movement, use the adjustment screw on the right. Rotate the screw to the right to slow the door down, and rotate it to the left to make the door swing faster.

Latch control

The latch control feature ensures that your door latches properly. This is controlled by the adjustment screw on the left. This feature is either turned on or off. It is turned off by default. To turn on, rotate the screw to the left by 180 degrees. To turn latch control off, rotate the screw to the right 180 degrees.



ADDITIONAL RESOURCES

Scan or go to bit.ly/rc-pivot for video instructions.