

YOU CAN DO IT WITH...



Bessey Clamp Hanger

Construction Plans and Assembly Instructions





INTRODUCTION:

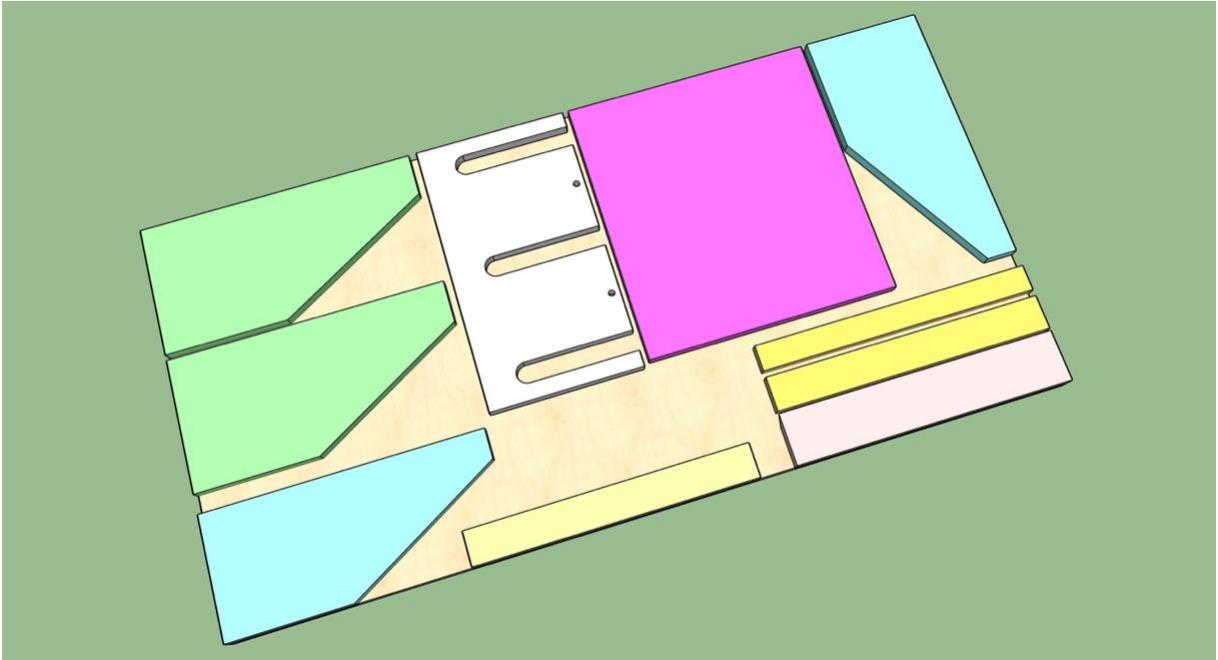
I've accumulated several of these Bessey K-Body REVolution Parallel bar clamps over the last few years while working on different projects. I bought four of the 32" ones when I saw them in a video. They were invaluable when started building my Roubo Workbench a couple of years ago and I've acquired a few more here and there since. These clamps are awesome! They are really handy and easy to use.

My problem was that I never had a designated place for them in my shop. I'd either stand some of them up in a corner or stick some in a closet or whatever. I was always moving them and it seemed like I kept knocking them over all the time. So, I built a hanger rack that will hold 8 of these clamps and my long pipe clamps as well. The rack will also hold other clamps, but I made mine specifically for these Bessey clamps..

This entire project can be completed in one afternoon and these detailed plans will walk you step-by-step through the build. Watch the video also, it will really help. www.woodworkinghands.com **You can do it with Woodworking Hands!**

Step 1- CUTTING OUT THE PARTS

I cut out all the parts for this project from a 2'x 4' piece of $\frac{3}{4}$ " Birch plywood that I had left over from another project. (See pages 8 and 9 for exact layout dimensions.)



I rough cut the bigger sections with this Cross-Rip jig I made.



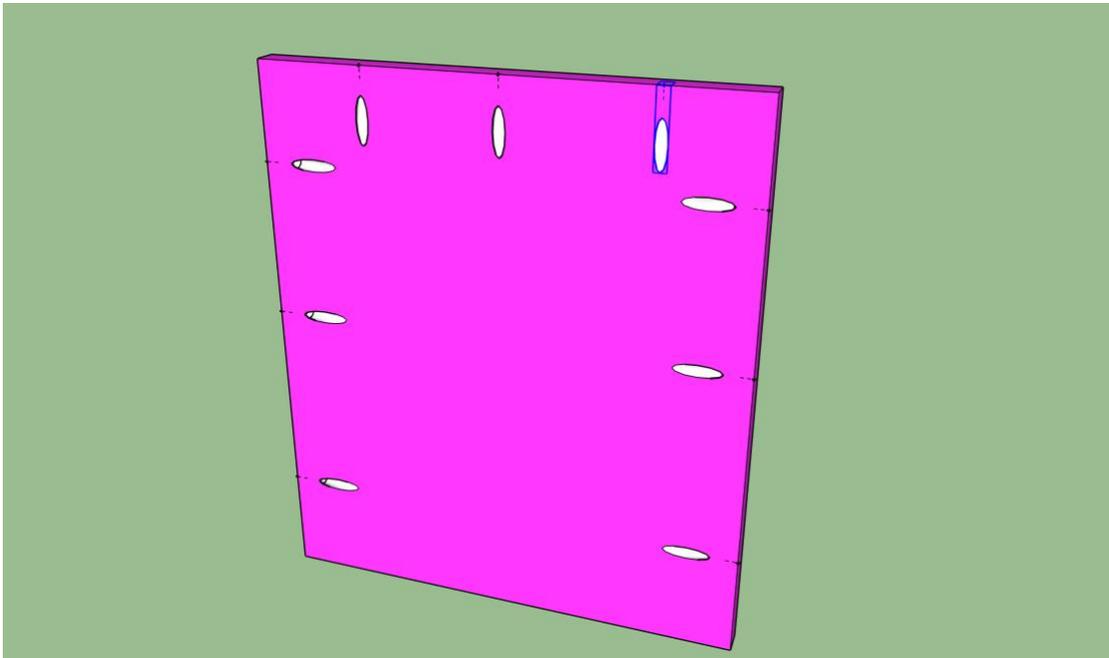
*I have a video and plans for this jig also at www.woodworkinghands.com
It's really handy and safe if you don't have a table-saw outfeed table or helper.*

Next, I took the individual pieces to my table saw and made exact square cuts.



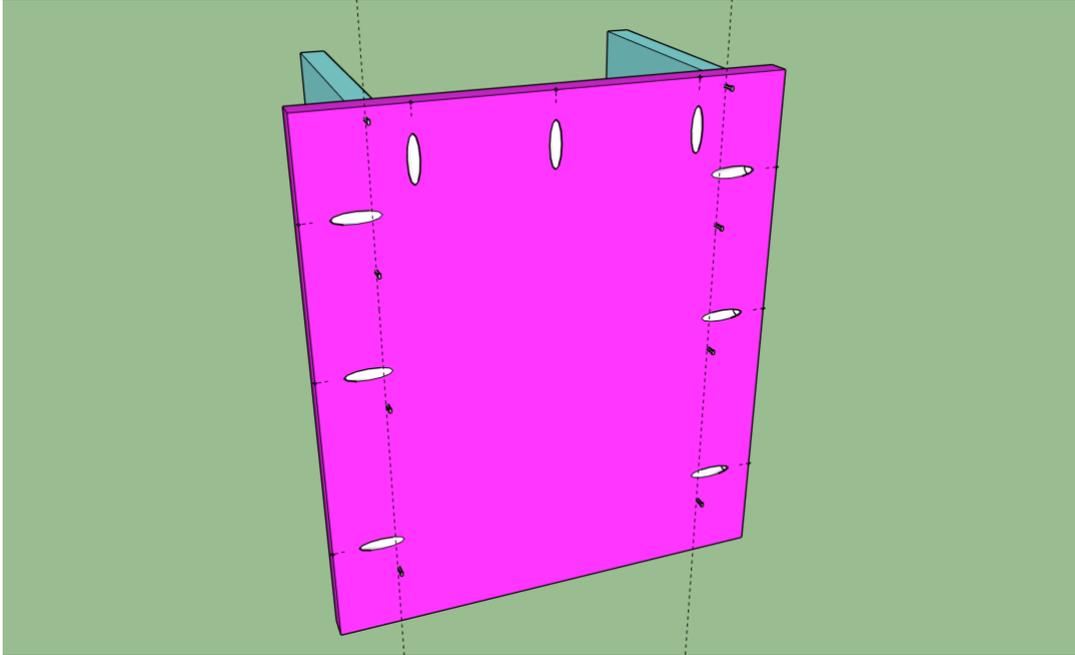
STEP 2- DRILLING THE POCKET HOLES

I drilled pocket holes in the back of the backer-board to attach the cap so I could outer braces later. This diagram shows the positions of my pocket holes. This is the only place I used pocket holes, because they will be hidden against the wall.



STEP 3- ATTACHING THE INNER BRACES

Next I drew lines on the front of the backer $1\frac{5}{8}$ " in from each side to align the outer edge of the inner braces for gluing . Then I marked lines on the back of the backer board 2" in from each side to mark the center where the brad nails will go to attach the inner braces. I glued and clamp inner braces to the backer board and then secured them with brad nails later.

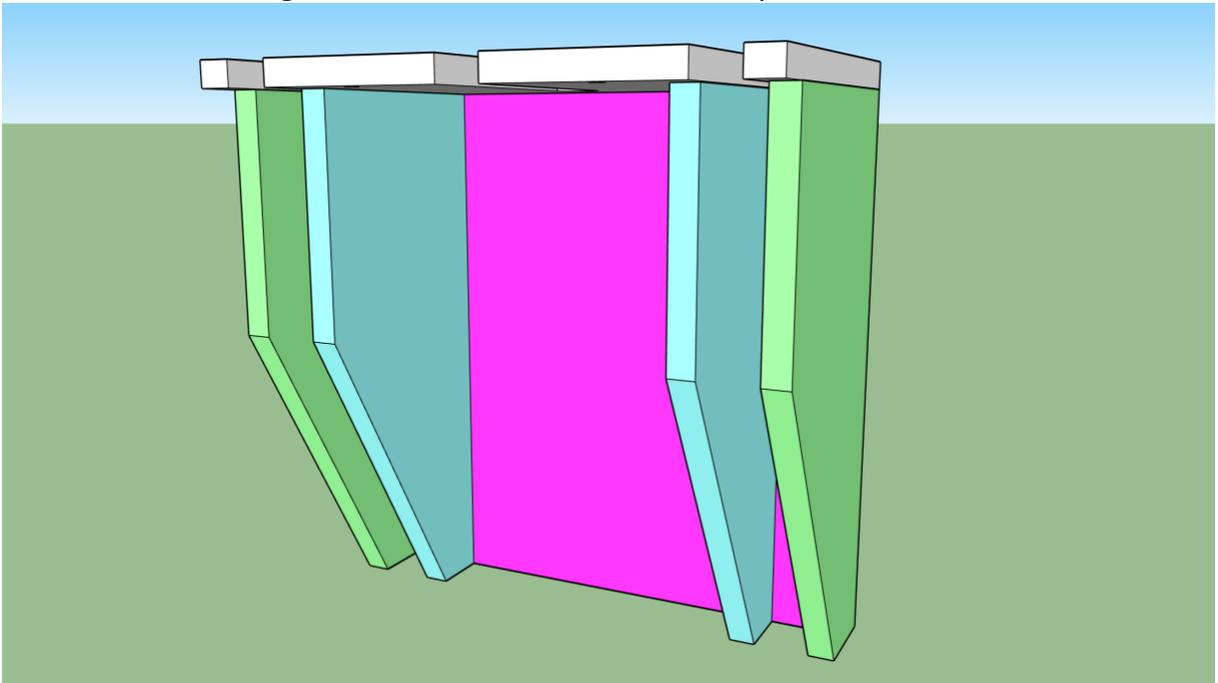


I used these Kreig 90-degree corner clamps during glue-up. They are awesome!



STEP 3- ATTACHING THE OUTER BRACES and CAP

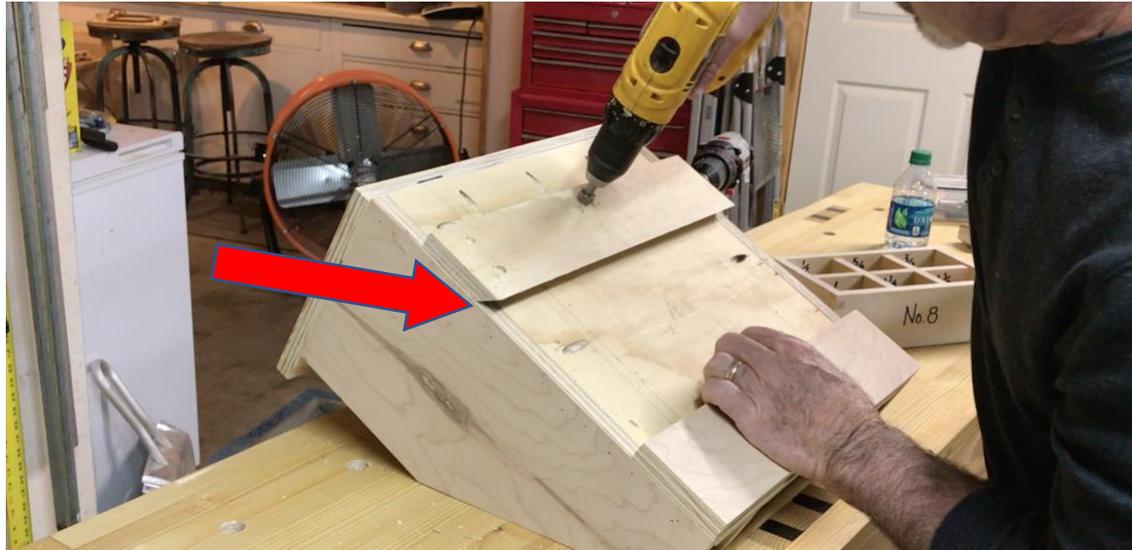
I glued and clamped the OUTER BRACES and the CAP to the backer board. I let it all set for about 30 minutes. I attached them with the 1 ¼" pocket screws. I used glue and brad nails to secure Cap to all the braces.



I didn't use pocket holes anywhere else because I didn't want the holes to show from the front. I glued & clamped the other places and secured with brad nails

STEP 3- FRENCH CLEAT AND STABILIZER BOARD

I glued and clamped the French cleat and stabilizer board in place and attached it with brad nails. (make sure it' level!!! I used my counter sink bit and then drilled six 1 ¼" wood screws in the French cleat for strength. Always be care to drill your screws high enough where they don't interfere with the French cleat. (Red arrow)

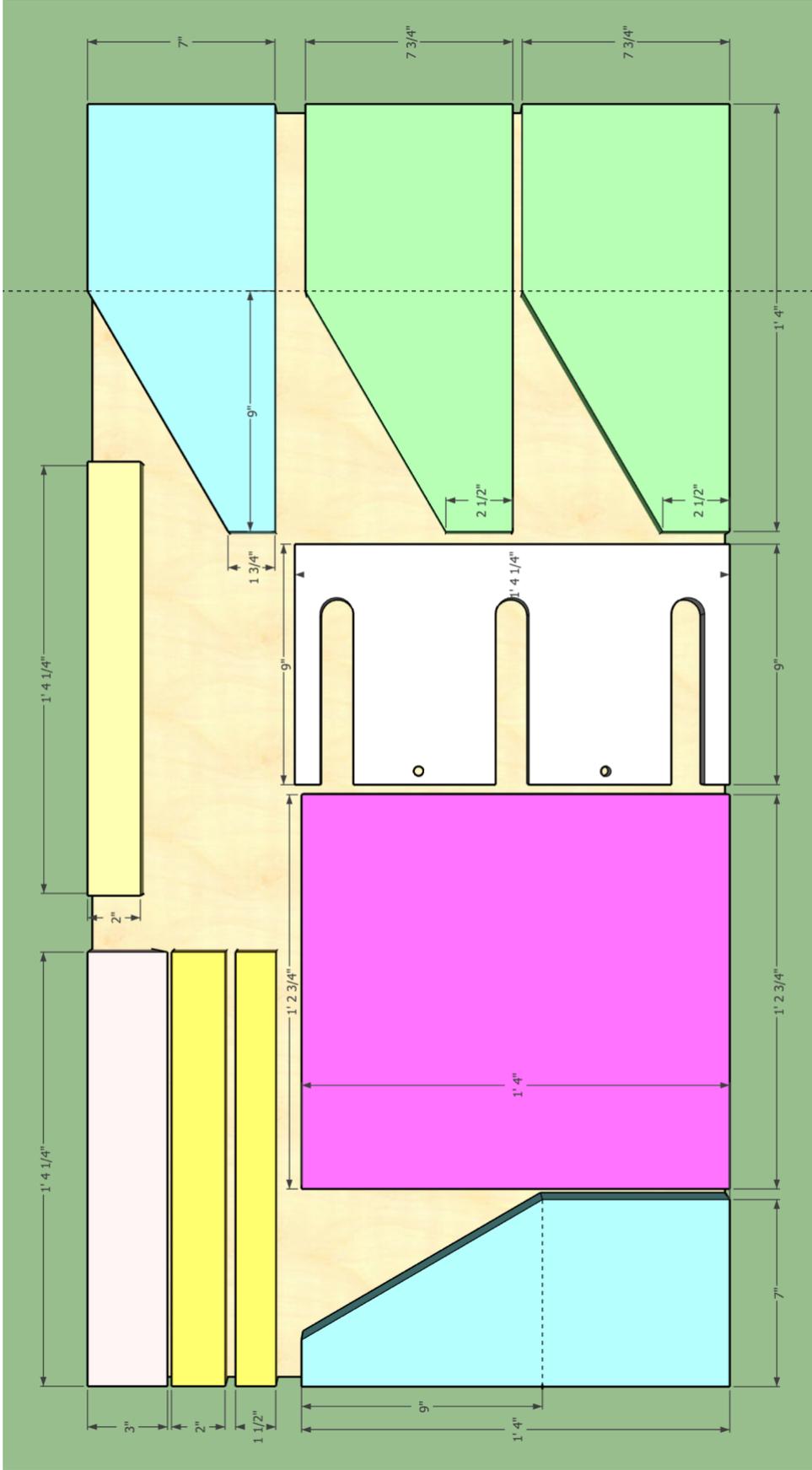


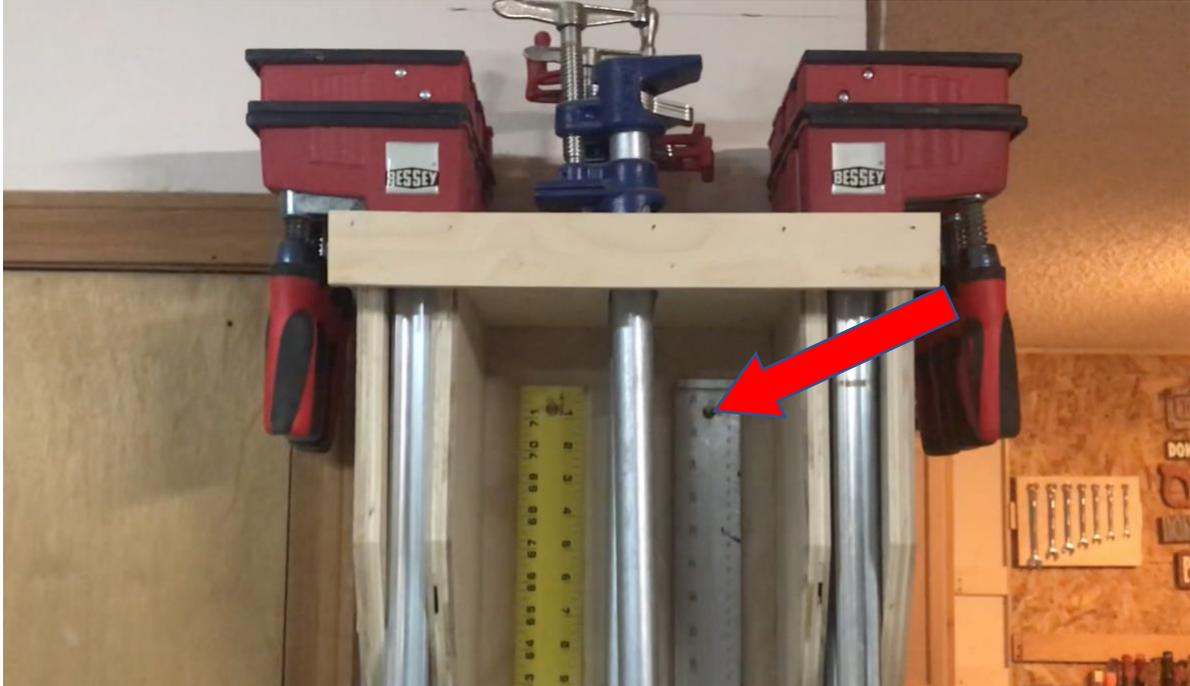
If you have rows of wall cleats, you may not need the stabilizer board

STEP 3- THE SAFETY GATE (optional)

I made a safety gate to keep the clamps secure and in place. My little grandsons are always hanging out with me and I didn't want them to be able to pull one of the clamps off and get hurt. Watch my video to see the details. If you don't need the safety gate, then don't drill the 2 holes in the CAP!







I also added two dowel pegs inside the rack to hang my long metal rulers.

Give me some feedback and let me know how yours turns out.

Thank you and God bless!! admin@woodworkinghands.com

Make it your ambition to lead a quiet life, mind your own business and work hard with your hands as we taught you.

-1 Thessalonians 4:11-12

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