



ROCKET WALL INSTRUCTIONS

-----READ THESE INSTRUCTIONS FIRST AND PLAN YOUR BUILD-----

Congratulations on your new Rockstar Volumes self-standing bouldering wall! We're sure you're excited to start setting routes and sending, but first we want to ensure that you know how to set up your wall safely and efficiently. While it is possible to assemble the wall by yourself, we highly recommend that you have a second person available, especially to lend a hand with the larger pieces. If all of this seems daunting please consider hiring a professional.

In order to ensure that you don't damage any of the supports or the climbing panels with screws during installation, take care to use the proper length screws as indicated in this manual. All screw holes have been pre-drilled and countersunk in our shop, so there is no need to drill any new holes (however if you overdrive a screw and it doesn't catch, drive in a new screw)

We recommend you use steel angle brackets such as [Simpson-Strong-Tie-2-in-x-1-1-2-in-x-1-3-8-in](#) to anchor the front arms and rear kicker to the floor. (We don't supply these brackets as every setup and room will require different screws and brackets) please shoot us an email or consult a local professional to determine the best mounting option.

If you have any questions about assembly that aren't answered in this manual please don't hesitate to contact us at info@rockstarvolumes.com.

Tools needed: Impact driver with square bit (very helpful to have a cordless impact driver as there are lots of screws!). Example [Makita XDT131 18V LXT Lithium-Ion Brushless Cordless Impact Driver](#) is on Amazon or Home Depot for \$119, this will help you to set your wall too.

What's Included:

- 2 x Side Support triangle kits - labeled SSR & SSL (*see Fig. 1*)
- 2x Vertical center support beam - labeled V1 & V2 (*see Fig. 5*) **NOTE: 6' Wall only has 1**
- 4 x Horizontal support beams - labeled H1 through H4 (*see Fig. 6*) (6 for tension board)
- 4 x Walls panels - labeled W1 through W4 (*see Figs. 7&8*) (6 panels for tension board)
- 1 x Kicker - labeled K (*see Fig. 9*)
- 1 x Header - labeled H (*see Fig. 10*)
- 28 x 2 $\frac{3}{8}$ " square-head screws - labeled S1 (*see Fig. 11*) - SST into horizontal support
- 78 x 1 $\frac{5}{8}$ " square-head screws - labeled S2 (*see Fig. 11*) - panels in SST
- 42 x 1 $\frac{1}{4}$ " square-head screws - labeled S4 (*see Fig. 11*) - into center support blocks/header
- 36 x 1 $\frac{1}{4}$ " square-head screws - labeled S4 (*see Fig. 11*) - into seam blocks
- 1 x Allen wrench
- 1x Wood glue & brush

Side Support Assembly Steps:

1. Organize the two supports into left and right; each should have a bottom piece, an angled front support piece, and a panel attachment piece (this one will have the cut-outs and rails for putting the rest of the wall system together). (*See Fig. 1*)
2. Remove the two Dominos -- the small, wooden, dowel-like pieces -- from the end of the joints. You might need a pair of pliers to get them out. (*See Fig. 2*)
3. Use the provided paintbrush and wood glue to cover the Dominos and the holes they came out of with an ample amount of glue and reinsert the Dominoes. You might need to tap the Dominoes back into these holes with a mallet. As well, be sure to spread some glue on the surface of this end. (*See Fig. 3*)
4. **Before the glue has time to set up and harden (approx. 10 minutes)**, join the end of the pieces together, being sure to match them up with the corresponding end (A to A, B to B, etc.). **Note: It's best to glue and attach one joint at a time. At the end, you will have two Side Support Triangles.**
5. Insert the supplied allen wrench into the small hole on the face of each board right near the joint and turn it to engage the locking connectors that are pre-installed in each joint. Then screw in the S1 screws into the joints in the predrilled holes on the edges. This will help provide further strength as the glue dries (1xS1 per joint). (*See Fig. 4*)

Climbing Wall Assembly Steps:

1. Stand the side supports (SSR & SSL) in the desired space, approximately eight feet apart, ensuring that they are facing the correct way.
2. Place the bottom panel/horizontal support beam (all one piece) between the side supports. Using 2xS1 screws per side, attach from the outside of the side support in, then attach the panel to the SST from the back of the panel using 2xS1 screws. (See Figs. 12, 13, 14)
3. Place the wall panels on the inside of the side supports, starting from the bottom and ensuring they are facing the correct way. *It helps to have a second pair of hands here to place the panels and ensure the top of the supports don't push away from each other.* Screw these in as you go from the back on the sides using 2xS2 per side of each panel. (See Figs. 15, 16)
4. Insert the vertical center support beams (V1 & V2), making sure the tongue fits into the notches in the bottom horizontal support beam (H1). (See Fig. 17)
5. Slide the remaining horizontal support beams into their respective slots, going from bottom to top (H2 to H5). Screw the in using 2xS1 per side as you install from bottom to top. (See Fig. 18)
6. Starting from the seam between the bottom two panels (W1 & W2), screw them together using 12xS4 screws per seam block into the panel. **Note 1: be sure to use the S4 screws -- if you use longer screws they will poke through the face of the panel.** **Note 2: before screwing these in, make sure the seams between the panels are as tight as possible.** Continue attaching the panels to each other moving from bottom to top. (See Fig. 19)
7. From the underside of the horizontal support beams, use 12xS2 screws to attach these supports to the panel seam blocks. Start with the lowest panel and work up to the top. (See Fig. 20)
8. With a helper pressing the lowest panel from its face toward the back, attach the panel to the center support beams by screwing the installed support blocks to the back of the panel with 2xS3 screws per block. **Note: be sure to use the S3 screws -- if you use longer screws they will poke through the face of the panel!** (See Fig. 21)
9. Screw the vertical center support beams (V1 & V2) from the underside of the bottom horizontal support beam using 1xS1 screw per beam. (See Fig. 22)
10. Have your helper hold the header (H) in place so that it is vertical and flush with the face of the SSTs on each side and the seam between it and the top panel (W4) is as tight as possible. Use 1xS2 screw per side to attach the edge supports to the SSTs, screwing from the inside. Next, screw from the underside of the top horizontal support beam (H5) with 12xS2 screws to attach the bottom of the header to this beam and 10xS3 screws from the underside of the beam into the header support blocks (2 screws per block). (See Figs. 23, 24)
11. Screw the vertical support beams (V1 & V2) to the header support blocks using 1xS2 screw per block. (See Fig. 25)

12. Install kicker (K) by using 3xS2 screws on each side to attach it to the SSTs. Then use 6xS2 screws from the top of the lowest horizontal support beam (H1) to screw down into the two kicker support brackets. (*See Figs. 26, 27*)
13. **Install holds and send!**
14. **Periodically check behind the wall for any loose screws or parts that may have loosened, If anything seems like it is not rock solid be sure to fix it, call us or call a woodworking professional.**

Please Remember

Climbing is dangerous, **your safety is your responsibility**, most Gyms check their walls daily to ensure they are up to the task of climbers dynoing, campusing, and all sorts of force inducing moves. If anything seems out of whack or moves in a way that doesn't seem right. it is your responsibility to ensure that your bouldering wall is in tip top shape for sending safely.

The Rocket Wall is designed to handle 1 climber climbing at a time and Adult supervision is required. The side triangles are not to be used for climbing, pushing, or sit starts unless you have a side panel kit built for you. We recommend anchoring your wall assembly to ensure stability from splaying or tipping.

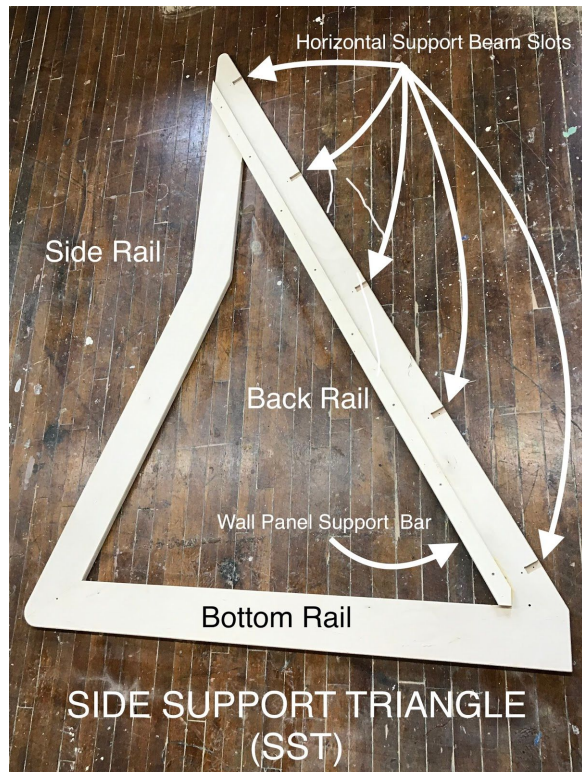


Fig. 1



Fig. 2



Fig. 3

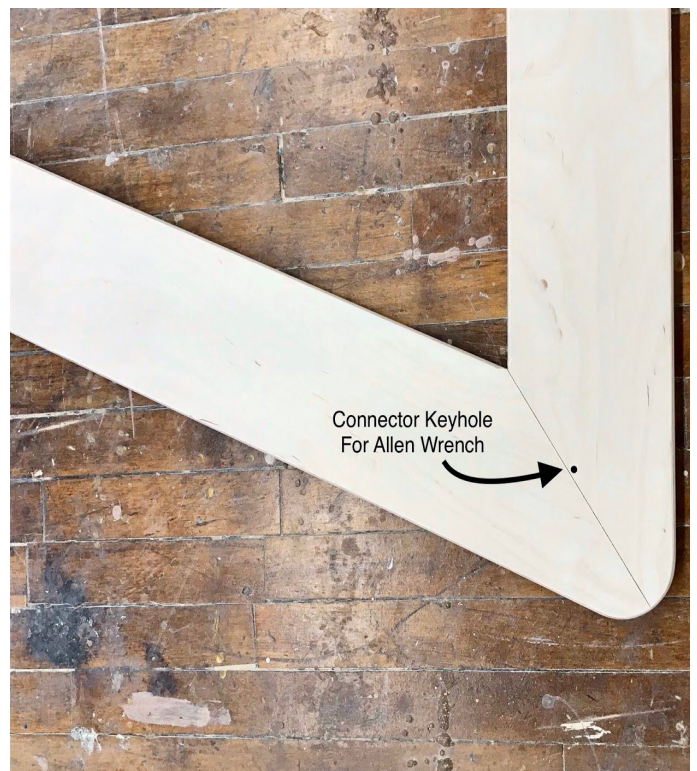


Fig. 4

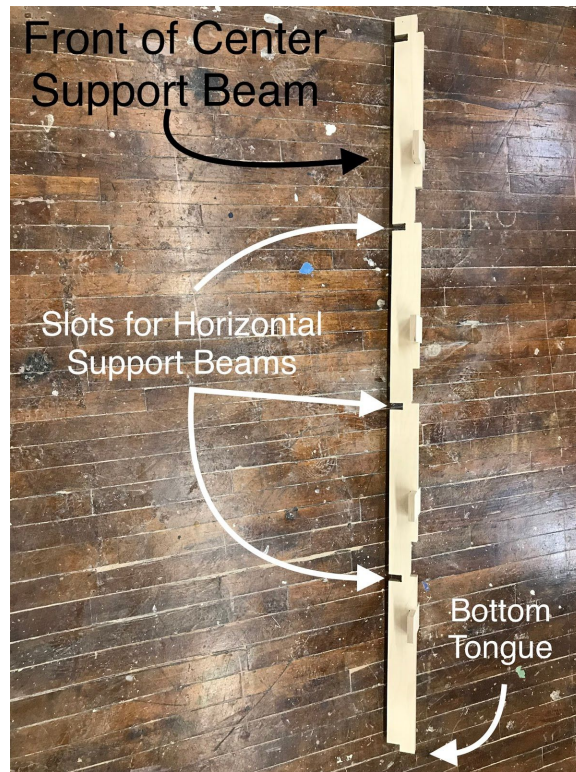


Fig. 5

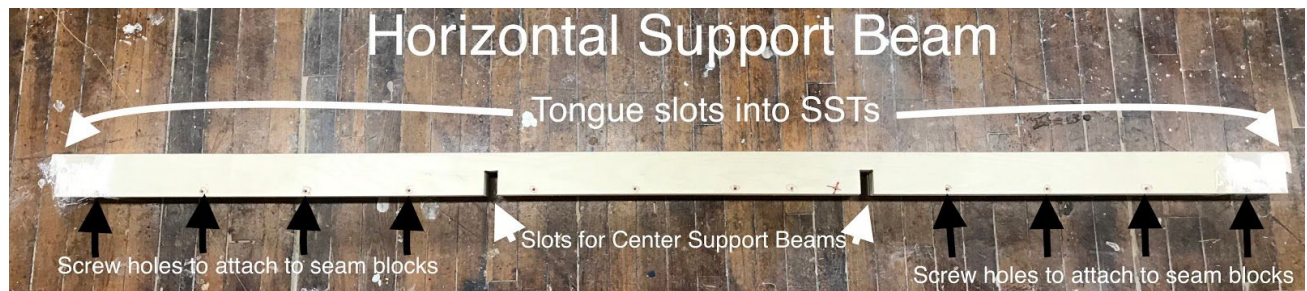


Fig. 6



Fig. 7

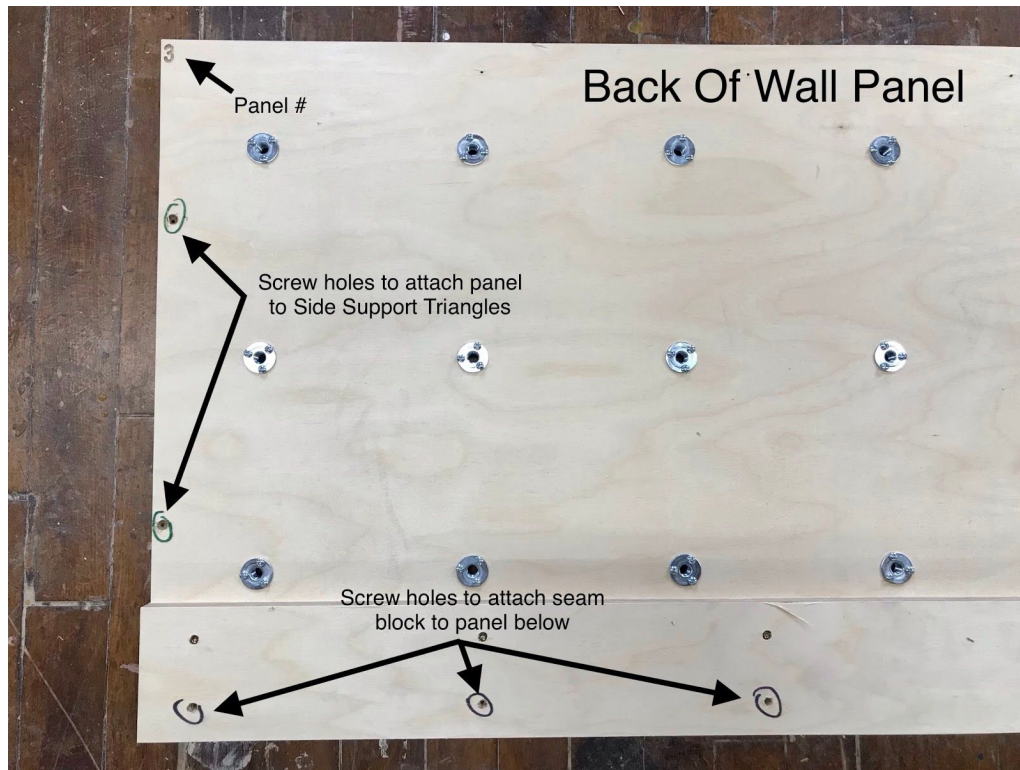


Fig. 8



Fig. 9

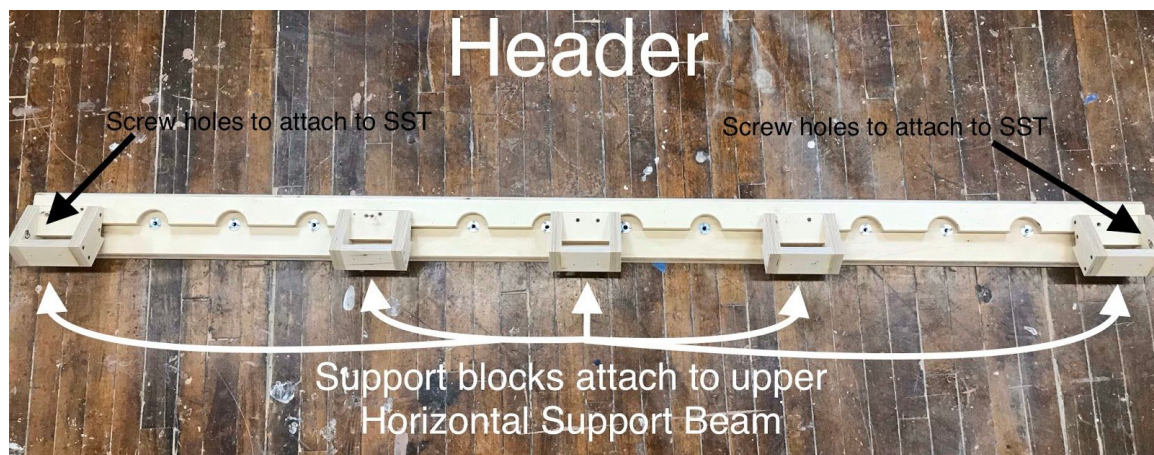


Fig. 10



Fig. 11

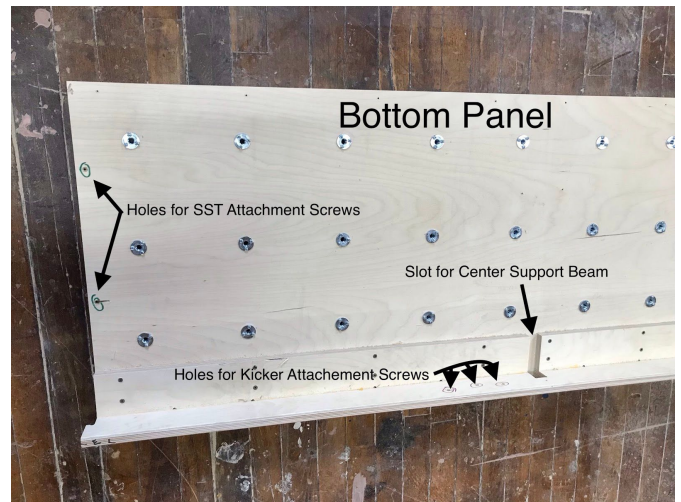


Fig. 12



Fig. 13

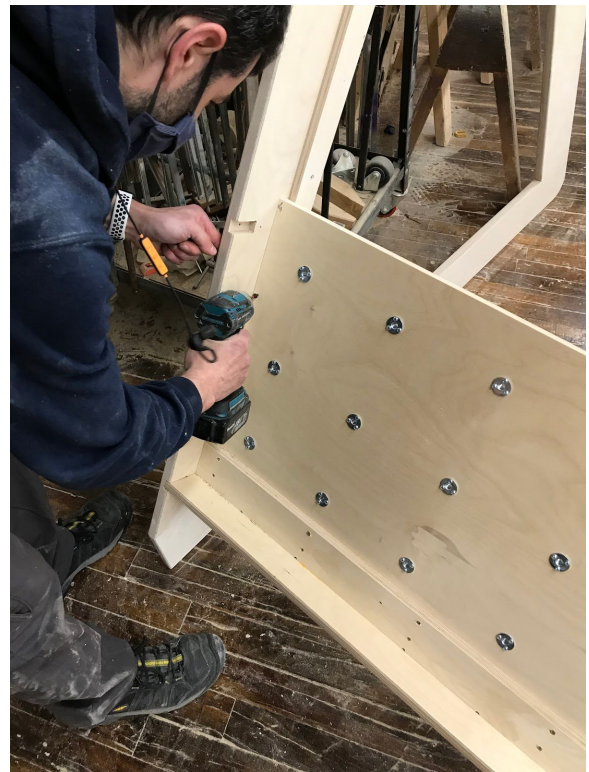


Fig. 14



Fig. 15

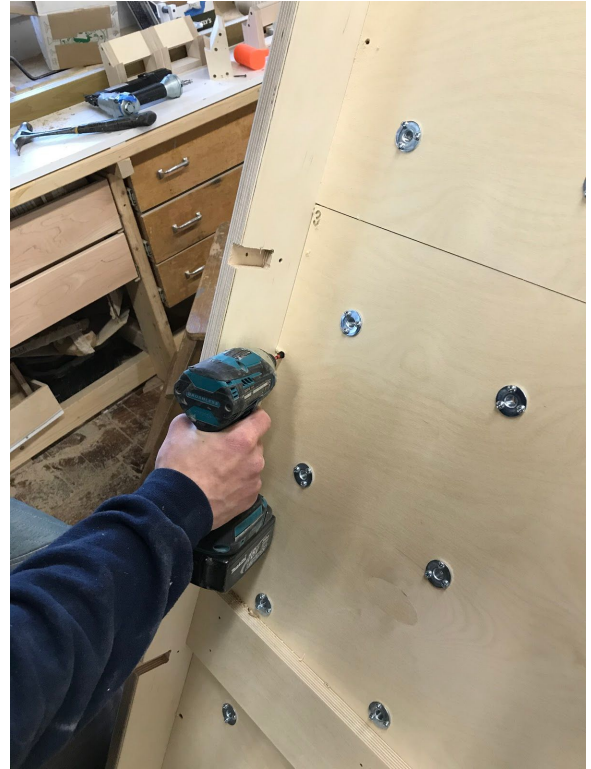


Fig. 16



Fig. 17



Fig. 18



Fig. 19



Fig. 20



Fig. 21



Fig. 22



Fig. 23

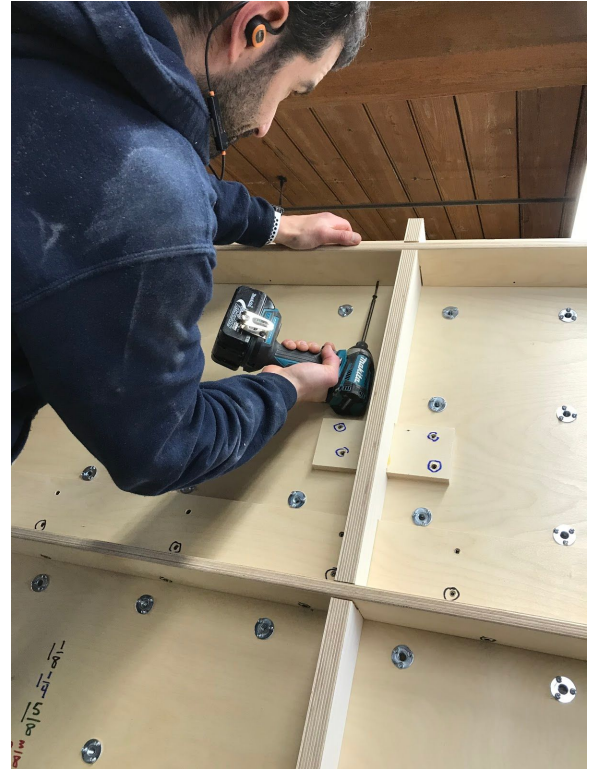


Fig. 24



Fig. 25



Fig. 26



Fig. 27