

# DIY WALL TENT FRAME INSTRUCTIONS



## DIAMOND BRAND UPRIGHT/RIDGE KIT CONTENTS:

- 4 metal braces (3" x 1-1/2" x 1-1/2")
- 20 screws
- 2 upright poles (8-1/2" in height, 1/2" in diameter)
- 1 drill bit (9/16")

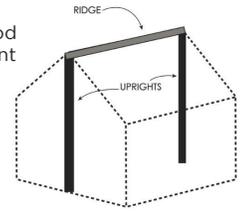


## MATERIALS NEEDED:

- one 2x4 piece of wood cut to the length of the tent for the ridge
- two 2x4 pieces of wood cut to height of the tent for the uprights

## TOOLS REQUIRED:

- Ruler/Measuring Tape
- Drill



## PREPARATION:

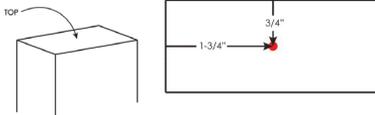
1. For the two uprights, cut both 2x4 pieces of wood to length. *If using a Diamond Brand Gear Tent follow Chart 1 for measurements.*
2. For the ridge, cut the 2x4 piece of wood to length. *If using a Diamond Brand Gear Tent follow Chart 1 for measurements.*

TENT SIZE	UPRIGHT LENGTH	RIDGE LENGTH
7' X 8'10"	6'5-1/2"	8'10"
9'6" X 7'6"	6'7-1/2"	7'6"
9' X 9'	7'4-1/2"	9'
10' X 12'	8'7"	12'
12' X 16'	8'6-1/2"	16'

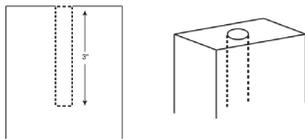
Chart 1

## UPRIGHTS:

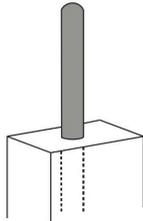
3. On the top of one newly cut upright, measure 1-3/4" lengthwise to the center and measure 3/4" widthwise to the center, this will be the center of the hole being drilled for the metal poles.



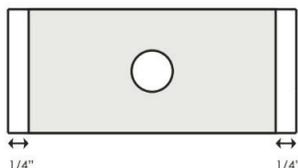
4. Drill 3" deep from the top into the wood at the marked center using the provided drill bit (be careful to keep the drill centered and not drifting, it is recommended to use a drill press.)



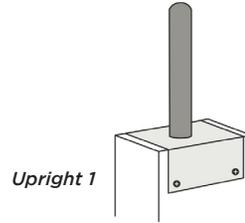
5. Place the upright pole into the drilled hole and secure with wood glue.



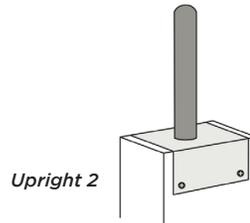
6. Slide a metal brace through the secured upright pole so that it aligns and sits tightly on the top of the 2x4, the sides of the brace will be 1/4" from either edge.



7. Drill one screw into each of the four small holes on the brace, two holes are on each side.

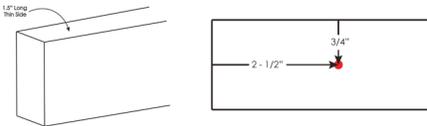


8. Repeat steps 3 through 7 for the second upright.

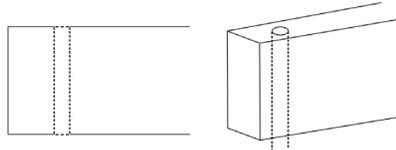


## RIDGE:

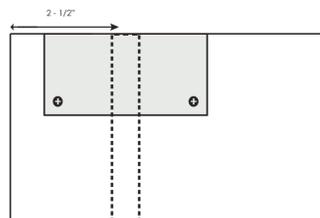
9. On the newly cut ridge 2x4, work on the long thin 1-1/2" side of the pole, measure 2-1/2" along the length from the edge to center and 3/4" widthwise to the center, this will be the center of the hole being drilled.



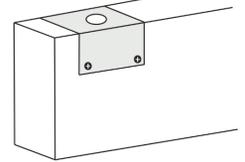
10. Drill all the way through the wood at the marked center so that a clean hole is visible through either side of the wood (be careful to keep the drill centered and not drifting, it is recommended to use a drill press).



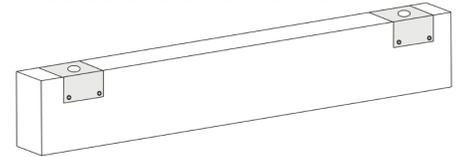
11. Align a metal brace so that the circle of the brace aligns with the drilled hole.



12. Secure the brace by drilling a screw into each of the four small holes on the brace, two holes are on each side.

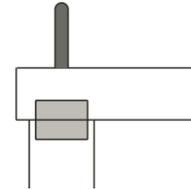


13. Repeat steps 9 through 12 on the opposite end of the ridge, resulting in each end having a secured bracket and drilled hole.



## ASSEMBLY:

14. To assemble the tent frame, take one upright and slide the ridge through the upright pole so that the brackets are touching metal to metal.



15. On the other end of the ridge, slide the upright pull through the ridge so that the brackets are touching metal to metal.



16. With the frame assembled you can now set up your tent. Ensure that the tent grommets are on the upright poles with the center of the tent roof aligned with the ridge.

