

DESIGN BY THE MASLOW COMMUNITY, PARTICULARLY USERS DLANG AND MADGRIZZLE

ATTACHING THE ELECTRONICS



Precision Level



Difficulty Level



TOOLS NEEDED:

Saw
Screwdriver or Power Drill
Square

BUILD TIME:

About 5 hours, plus
glue drying time

COST:

Approximately \$90

MATERIALS LIST:

(7) 10' long 2x4's*
(1) 8' long 2x4
(1) 6' long 2x4
(2) 4'x8'x3/4" plywood**
(2) bricks
(75-100) 2 1/4" in wood screws
Wood glue

CUT LIST:

2x4's
(1) 120" (2) 34"
(1) 88" (2) 30"
(2) 82" (2) 28"
(2) 79" (2) 7"
(2) 60" (4) 3.5"

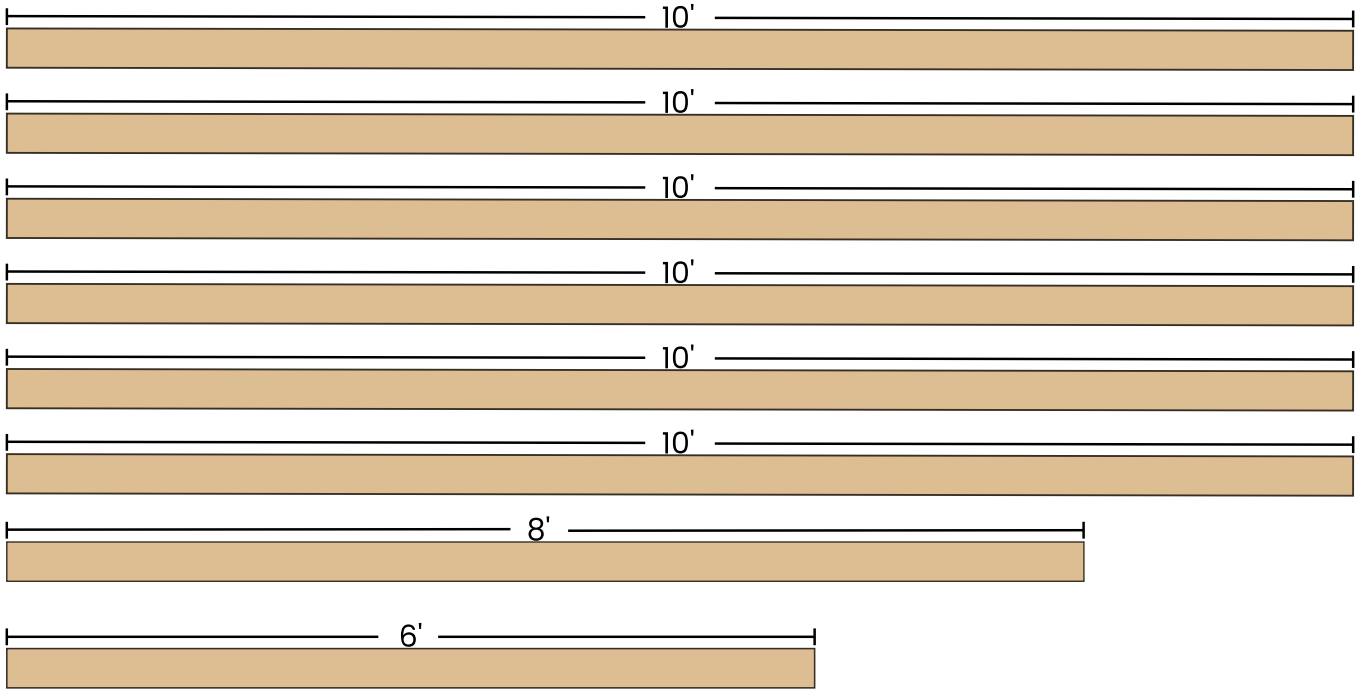
PLYWOOD (3/4" thick)
(1) 4x8 full sheet
For Temporary Sled
(1) 18x18" square
(2) 1x5 1/2" rectangles
For Final Sled
(1) 18" diameter circle
(2) 1x5" rectangles

* If 2x4s are not available in your area the equivalent will work

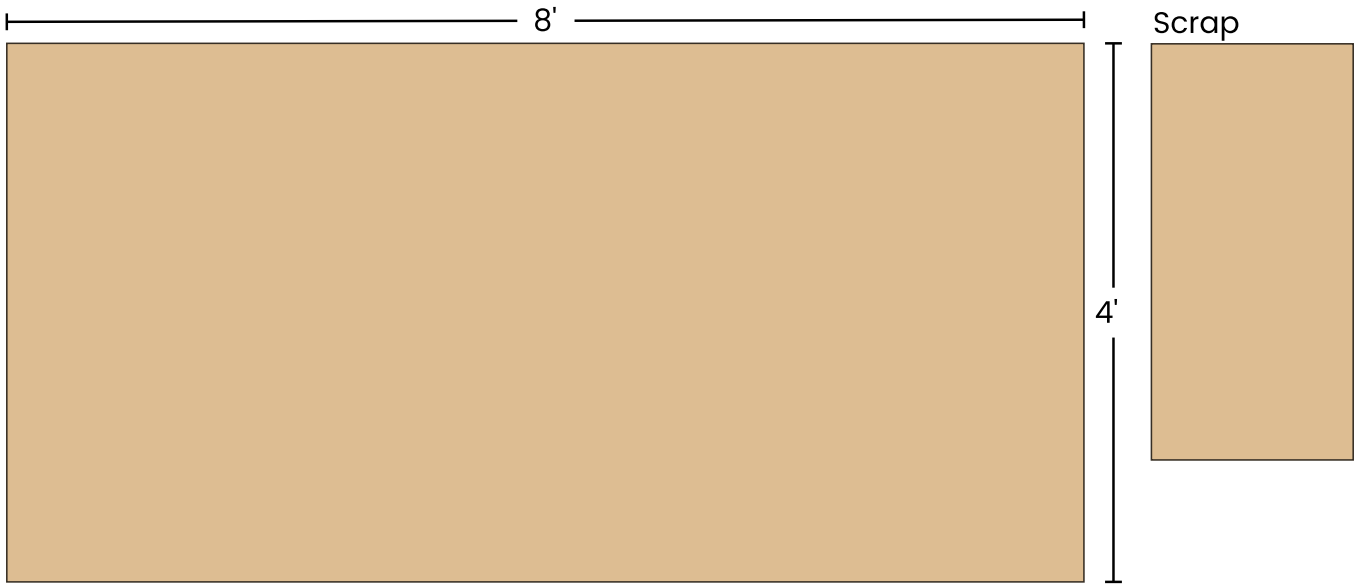
**If you have scrap plywood on hand, you may only need one sheet of plywood, see cutlist

MATERIALS

2X4 (or equivalent lumber)



PLYWOOD



BRICKS (dimensions vary)



WOOD SCREWS

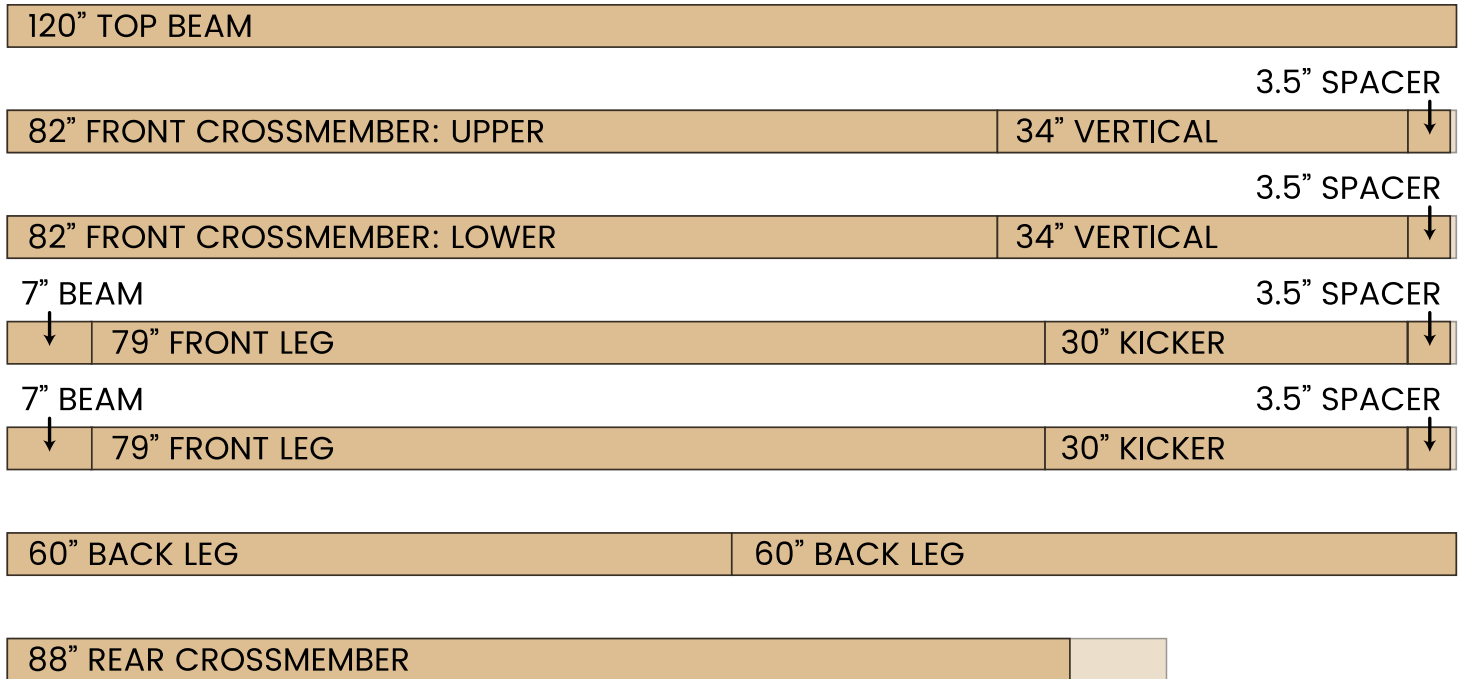


WOOD GLUE



CUT LAYOUT

2X4 (or equivalent lumber)



PLYWOOD

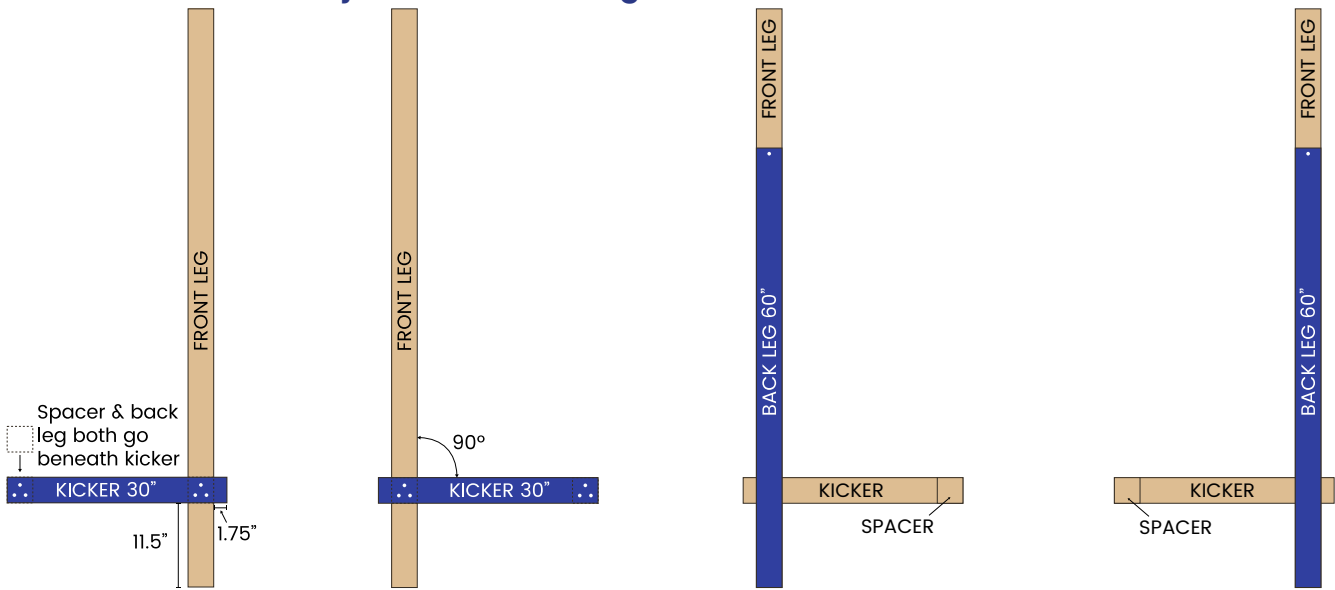


PRO TIP:

Label the parts as you cut them, you'll be glad you did.



ASSEMBLY- Note: All joints should be glued as well as screwed

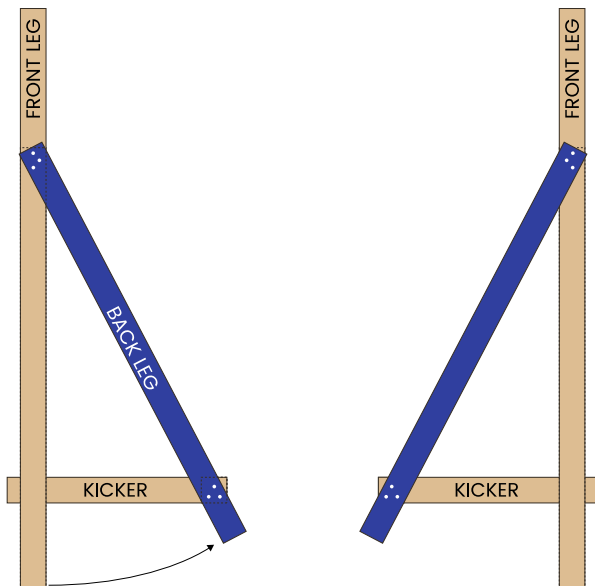


STEP 1

- Kickers at 90° angle to front legs
- Kickers 11.5” from bottom of front legs, and hanging over by 1.75”
- Screw through top of kickers into front legs
- Screw through top of kickers into spacers

STEP 2

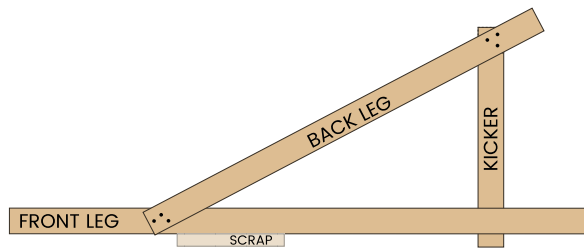
- Flip each assembly over
- Center back legs over front legs
- Align bottom of back legs with front legs
- Screw through top center of back legs into front legs- 1 screw only per leg



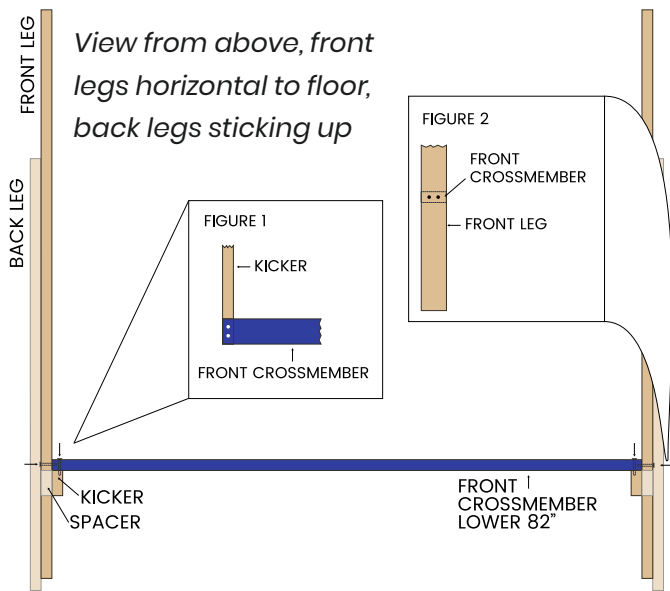
STEP 3

- Rotate back legs out to end of kickers
- Screw bottom of back legs to kickers
- Add more screws to top of back legs

LEGS ARE NOW COMPLETE!

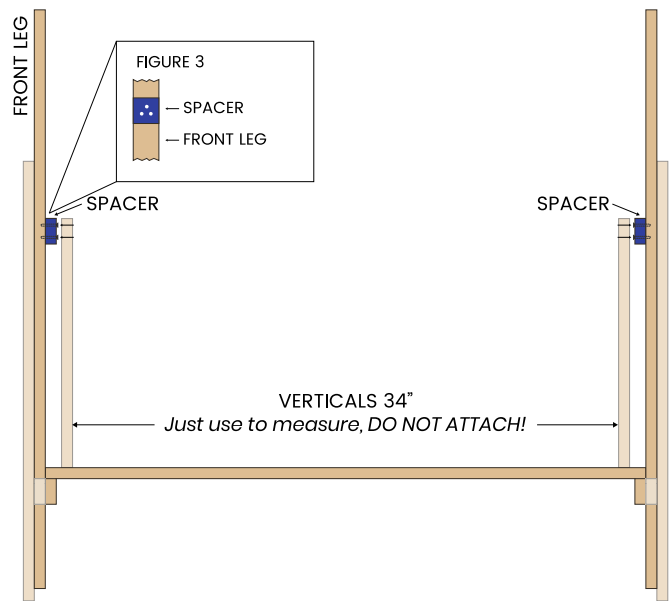


Next steps are most easily done with front legs horizontal to floor, as shown. Prop with scraps to keep things level.



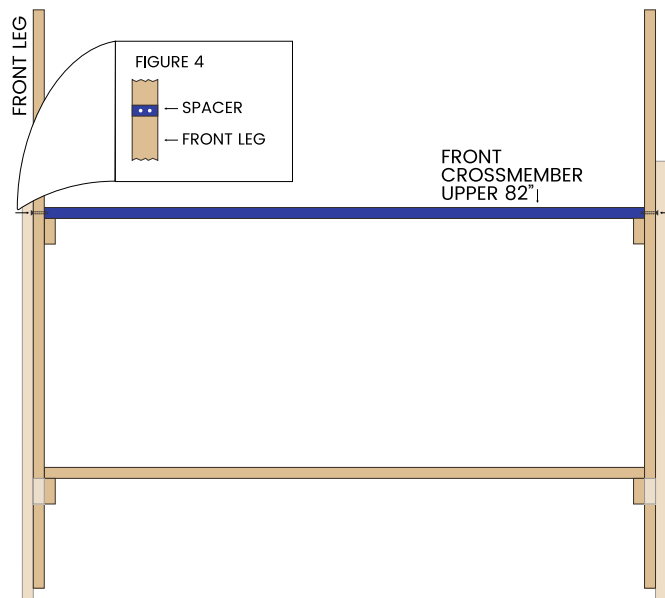
STEP 4

- Rest lower front crossmember on kickers
- Screw from top of crossmember into each kicker- see Figure 1
- Screw from side of each front leg into crossmember- see Figure 2



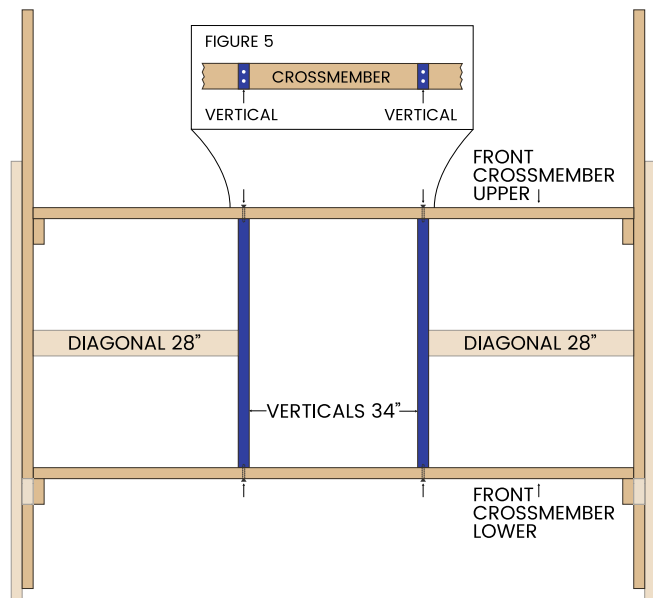
STEP 5

- Use verticals to measure placement of spacers on inside of front legs
- DO NOT ATTACH VERTICALS IN THIS STEP
- Screw through spacers into front legs



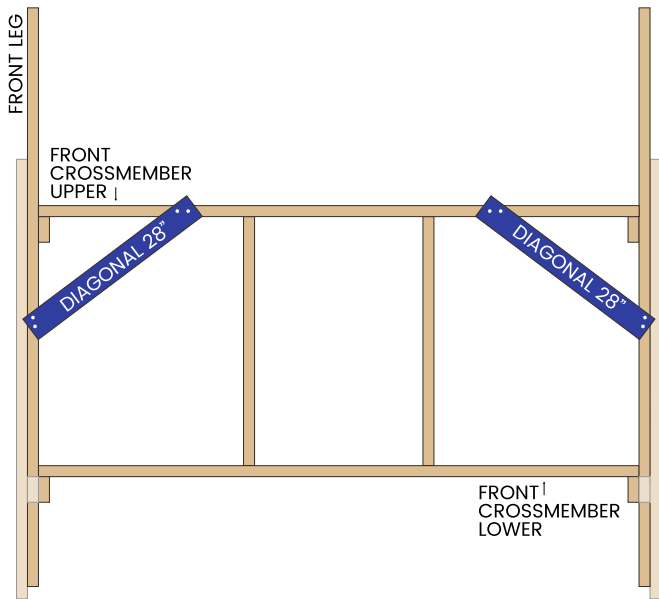
STEP 6

- Rest upper front crossmember on spacers
- Screw through sides of front legs into crossmember



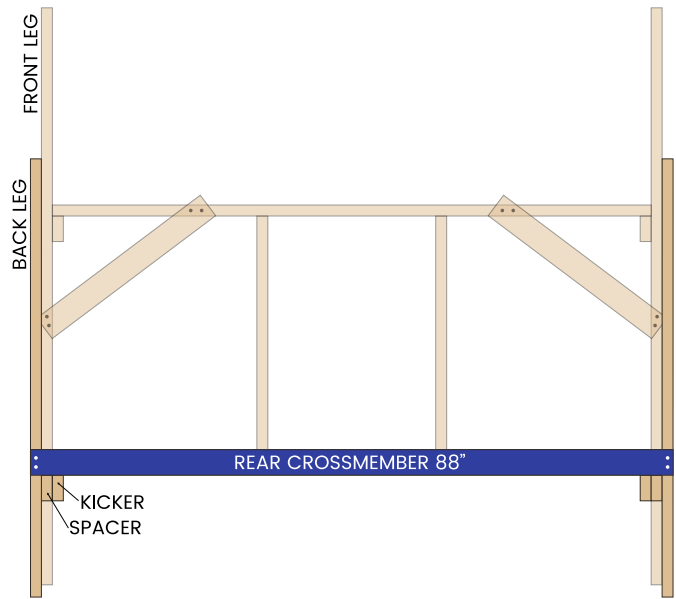
STEP 7

- Use diagonals to place verticals
- DO NOT ATTACH DIAGONALS IN THIS STEP
- Screw through top crossmember into verticals
- Screw through bottom crossmember into verticals



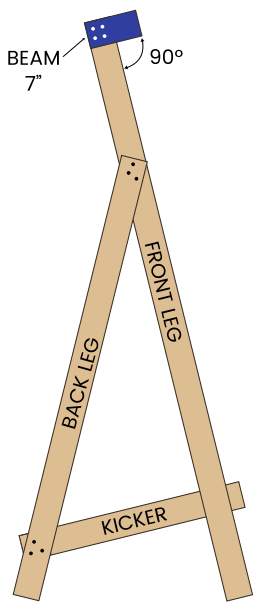
STEP 8

- Rest diagonals with one end on front leg, one leg on upper crossmember
- Screw diagonals in place on each end
- Placement of diagonals need not be exact



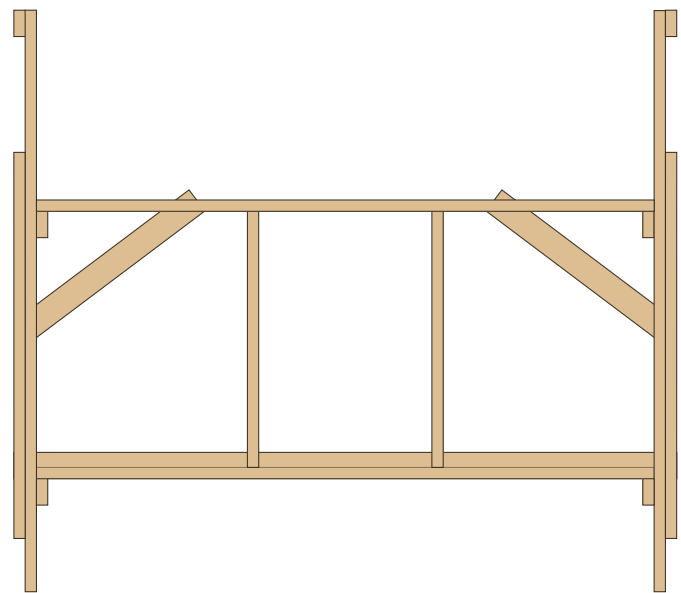
STEP 9

- Rest rear crossmember on top of kickers where they protrude from back legs
- Screw through rear crossmember into back legs

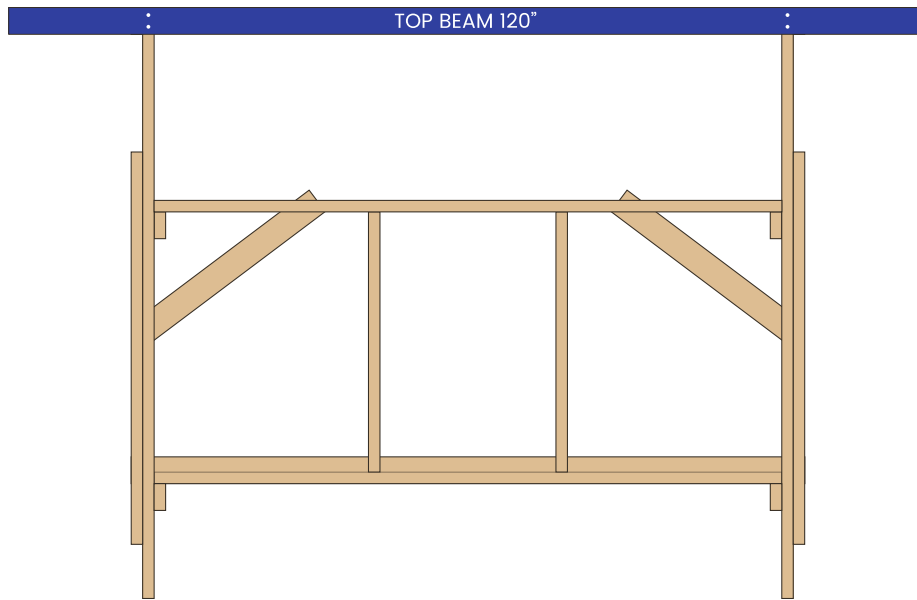


STEP 10

- Beams should have one factory end
- This end should face out
- Place one beam at a 90° angle to each front leg
- Screw through beams into front legs

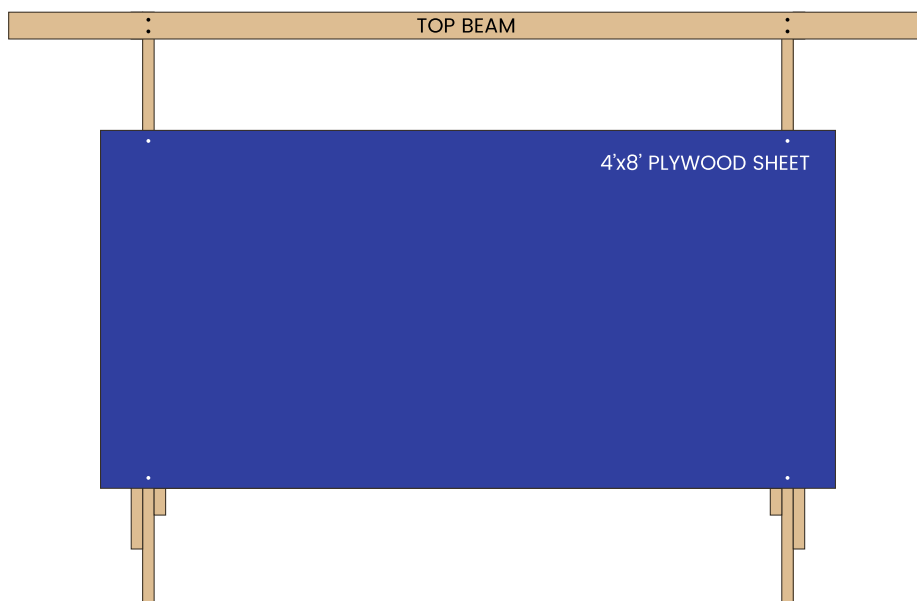


ALMOST FINISHED!



STEP 11

- Center top beam across front
- Screw through top beam into 7" beams on each side



STEP 12

- Rest plywood on kickers
- Attach with screws through front of plywood into each front leg

You now have a complete frame!