Set-Up Guide for

Default Frame

10’ Top Beam

Stand Alone A-Frame Design

DESIGNED BY THE MASLOW COMMUNITY, PARTICULARLY USERS DLANG AND MADGRIZZLE

makermade

v1 Updated 07.2023 Maker Made

1.1 BUILDING THE FRAME

MATERIAL LIST:

- (6) 10’ 2x4s (120”/304.8cm)
- (1) 8’ 2x4 (96”/243.84cm)
- (1) 6’ 2x4 (72”/182.88cm)
- (1) 4’X8’ sheet 3/4” plywood
- (100) 2.25” wood screws (5.715cm)
- Wood glue
- Hardware & parts from your kit

TOOL LIST:

- Saw
- Power Drill/Screwdriver
- Hammer
- Safety Goggles

2x4 CUT LIST: (see also page

- (1)120” (304.8cm)
- (1) 88” (223.52cm)
- (2) 82” (208.28cm)
- (2) 79” (200.66cm)
- (2) 60” (152.4cm)
- (2) 34” (86.36cm)
- (2) 30” (76.2cm)
- (2) 28” (71.12cm)
- (2) 7” (17.78cm)
- (4) 3.5” (8.89cm)

Metric Reference

10’ = 304.8cm

8’ = 243.84cm

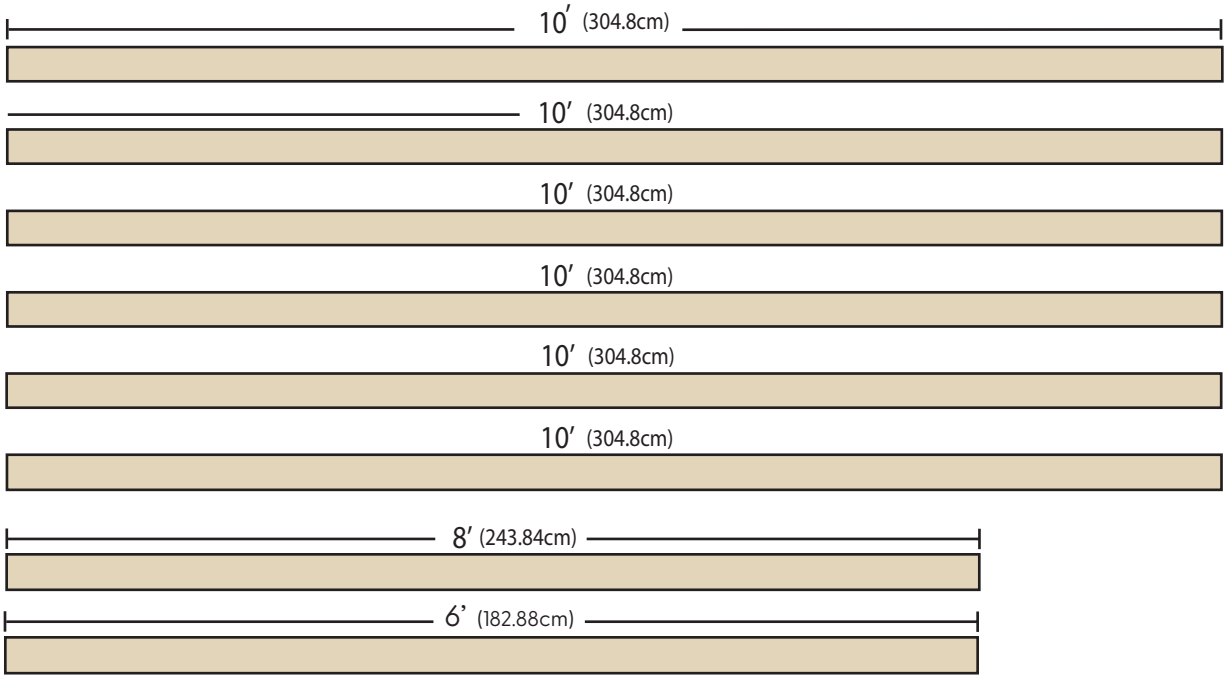
4’ = 121.92cm

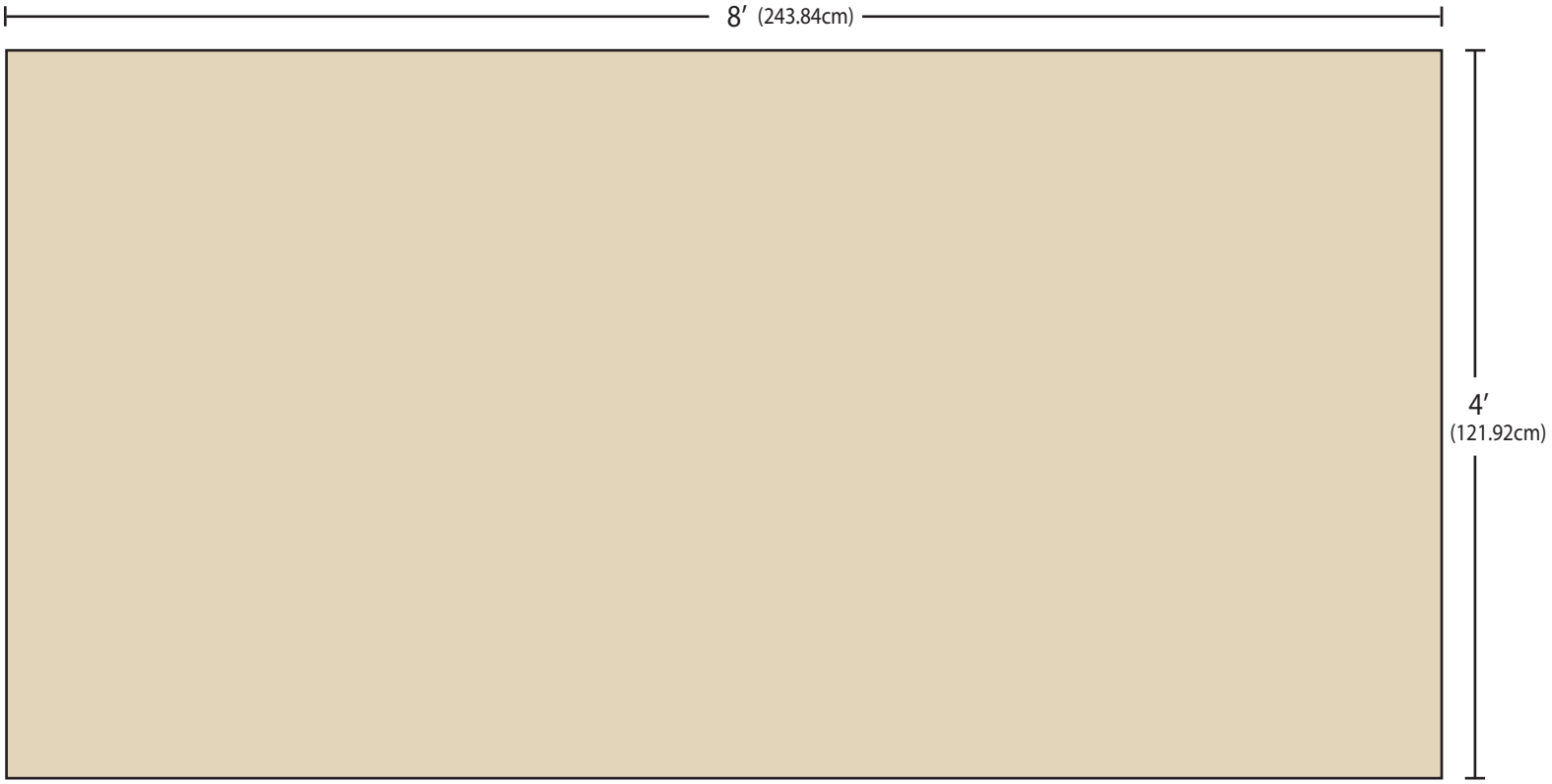
3/4” = 1.905cm

Note: Lumber dimensions are not critical, if 2x4s are not available in your area the local equivalent will work.
When cutting, try to keep the ends as square as possible, but small errors in the lengths of any of the parts will not affect accuracy of the machine.

BUILDING THE FRAME

2 X 4 (or equivalent lumber)

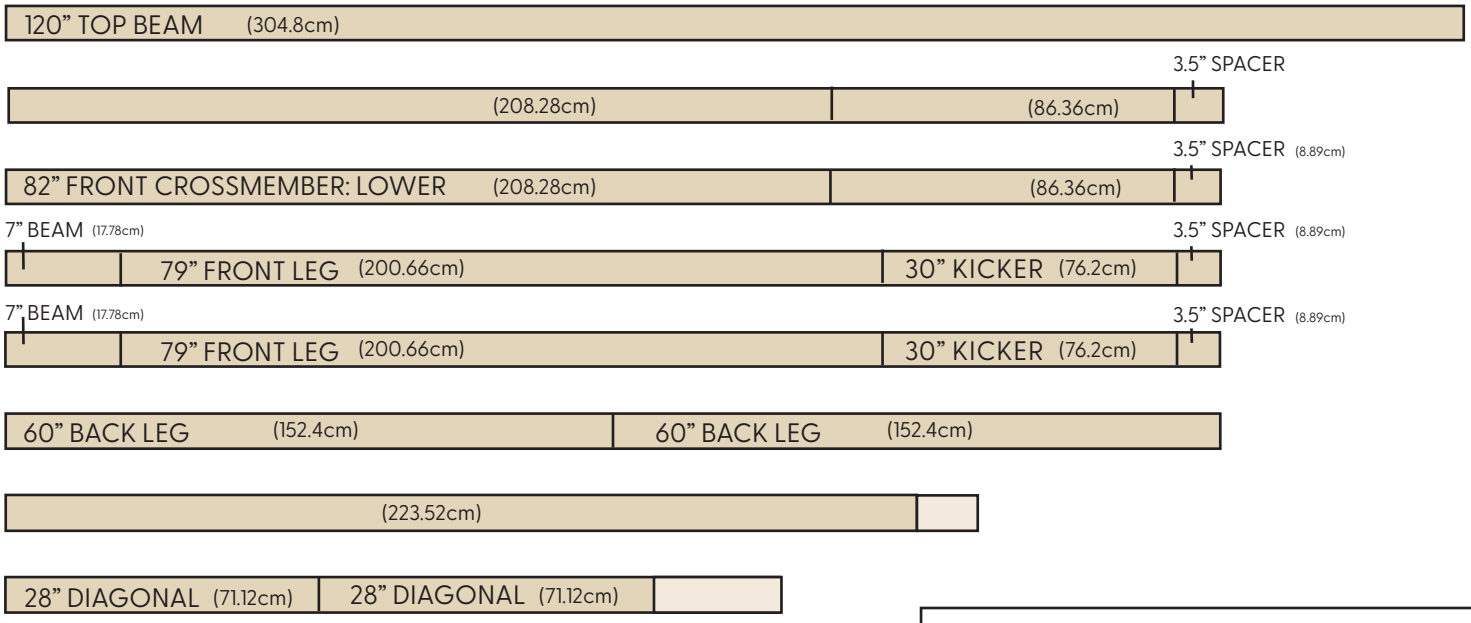




BUILDING THE FRAME

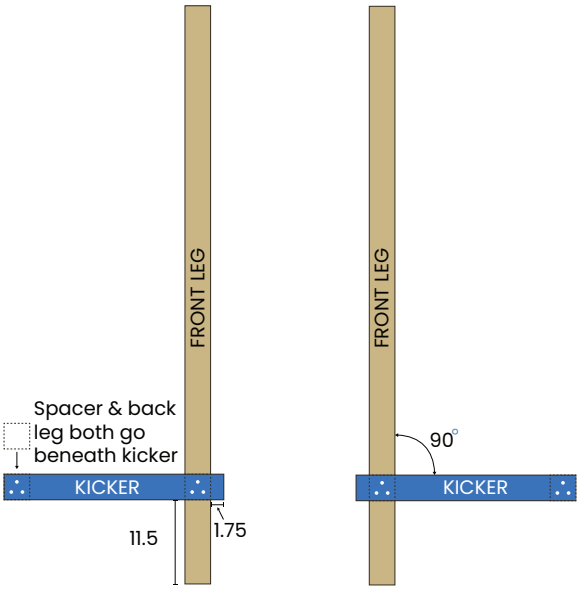
STEP 2: CUT OUT PIECES AS SHOWN

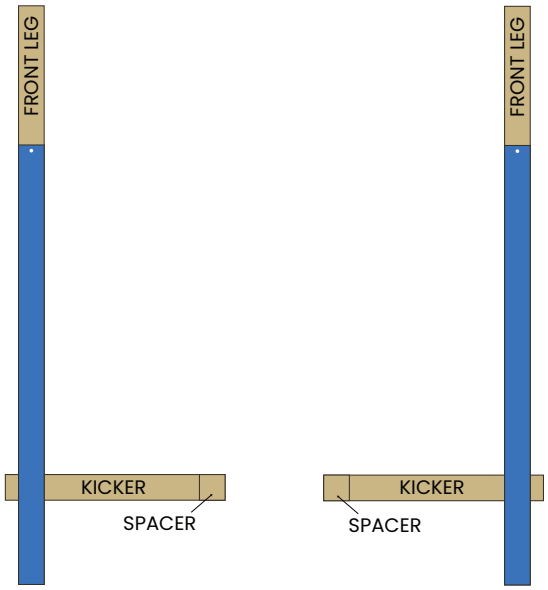
2 X 4 (or equivalent lumber)



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

4' X 8' (121.92cm x 243.84cm)



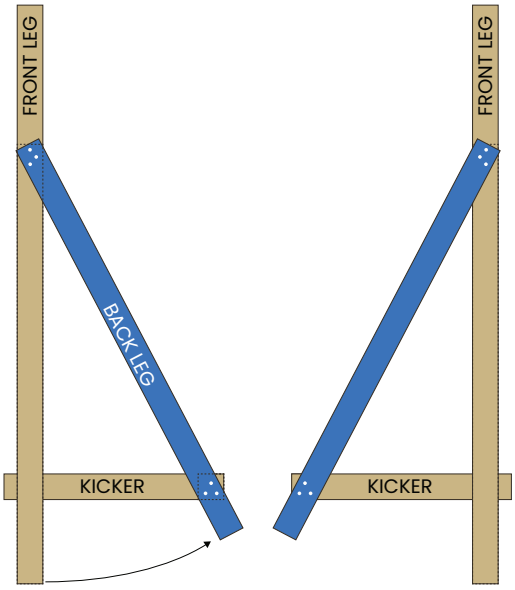


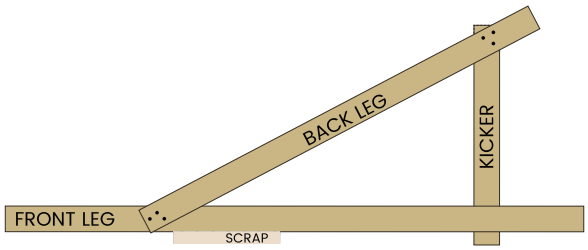
STEP 3/4A ATTACH KICKERS TO FRONT LEGS

- Kickers at 90° angle to legs
- Kickers 11.5" (292mm) from bottom of front legs, and overhanging by 1.75" (44.45mm)
- Screw through top of kickers into front legs
- Screw through top of kickers into spacers

STEP 3/4B ADD BACK LEGS

- Place back legs on top of front legs, aligning bottom ends
- Mark center of back legs 1" (25.4mm) from top end
- Screw through top center of back legs into front legs at marked spot
- Only 1 screw per leg, NO GLUE



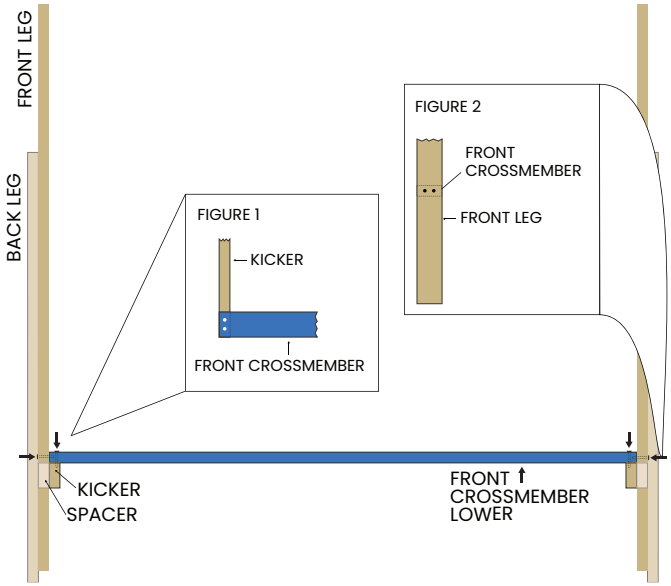


STEP 3/4C POSITION BACK LEGS

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

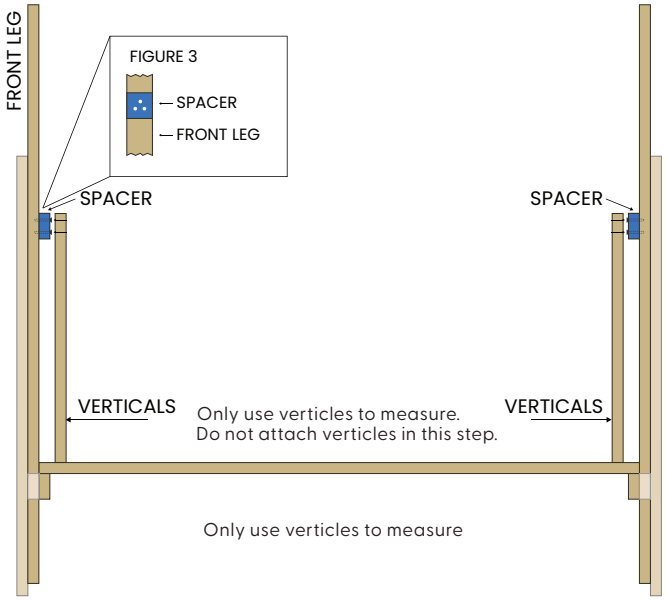
- Next steps are most easily done with front legs horizontal to floor, as shown
- Prop with scraps to keep things level

View from above, front legs horizontal to floor, back legs sticking up



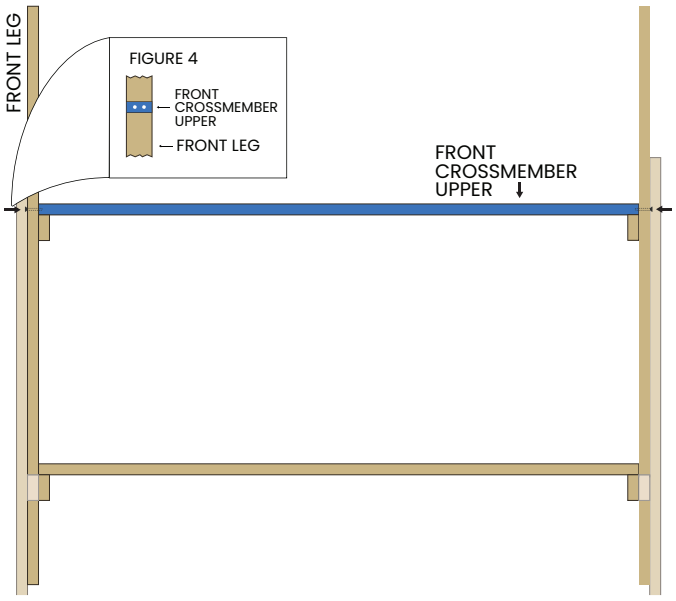
STEP 5A ATTACH LOWER FRONT CROSSMEMBER

- 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*



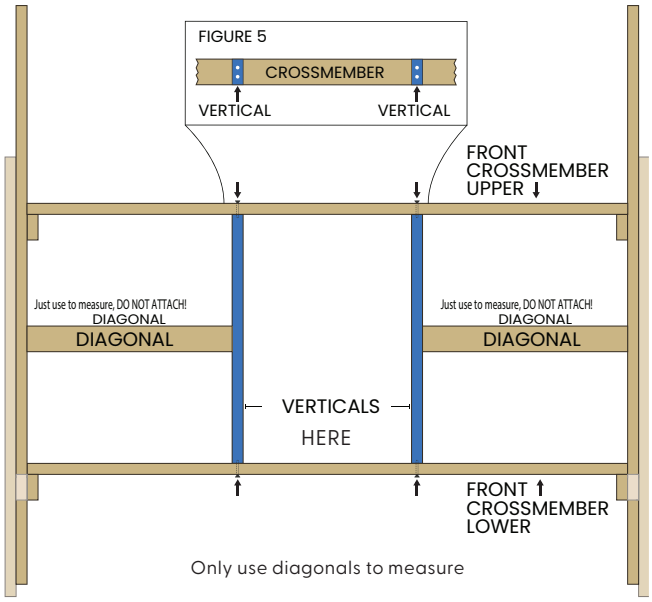
STEP 5B ADD SPACERS

- 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



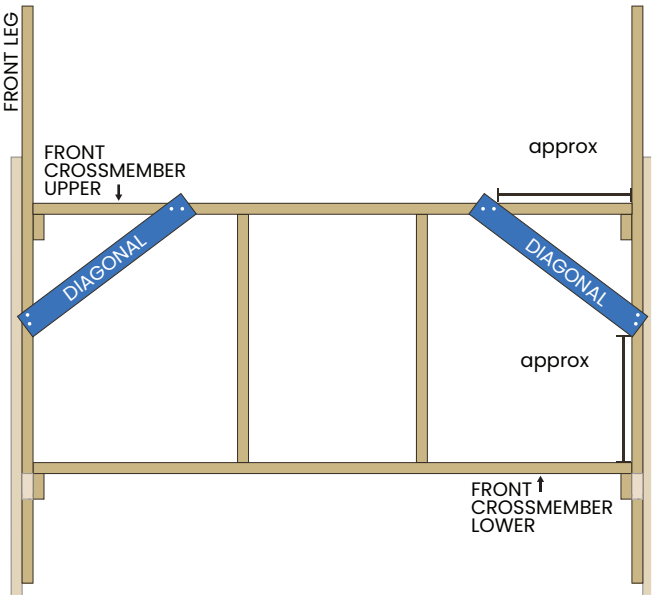
STEP 5C ATTACH UPPER FRONT CROSSMEMBER

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



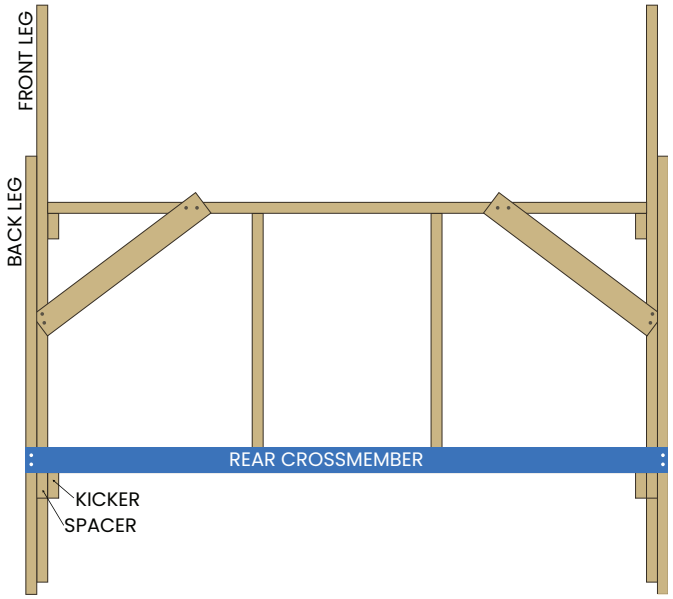
STEP 6 ATTACH VERTICALS

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



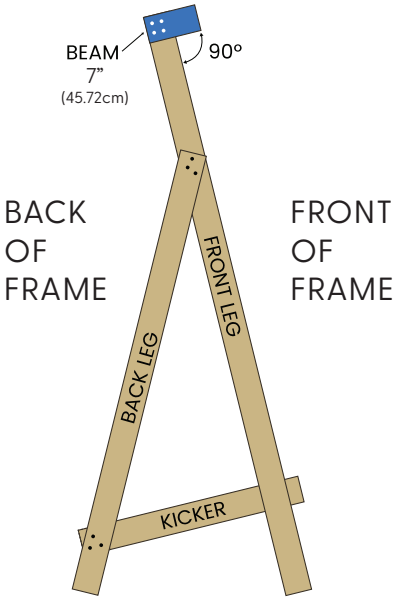
STEP 7 ATTACH DIAGONAL BRACING

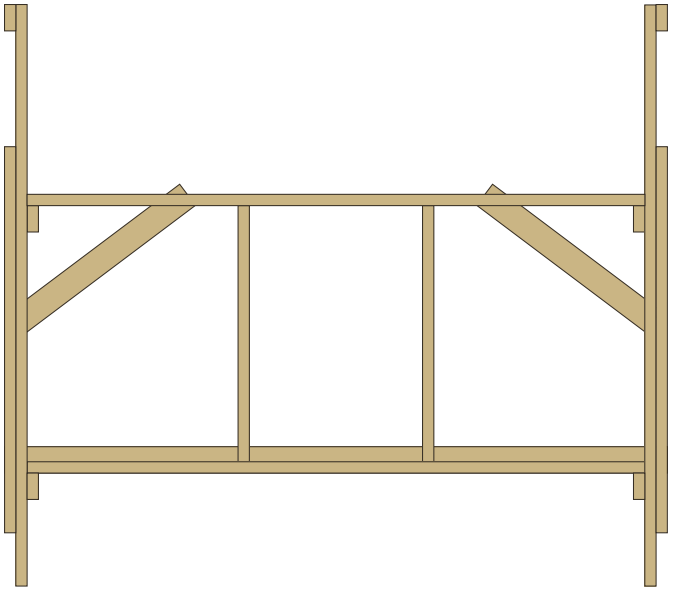
- Rest diagonals with one end on front leg, one leg on upper crossmember
- Screw diagonals in place on each end



STEP 8 ATTACH REAR CROSSMEMBER

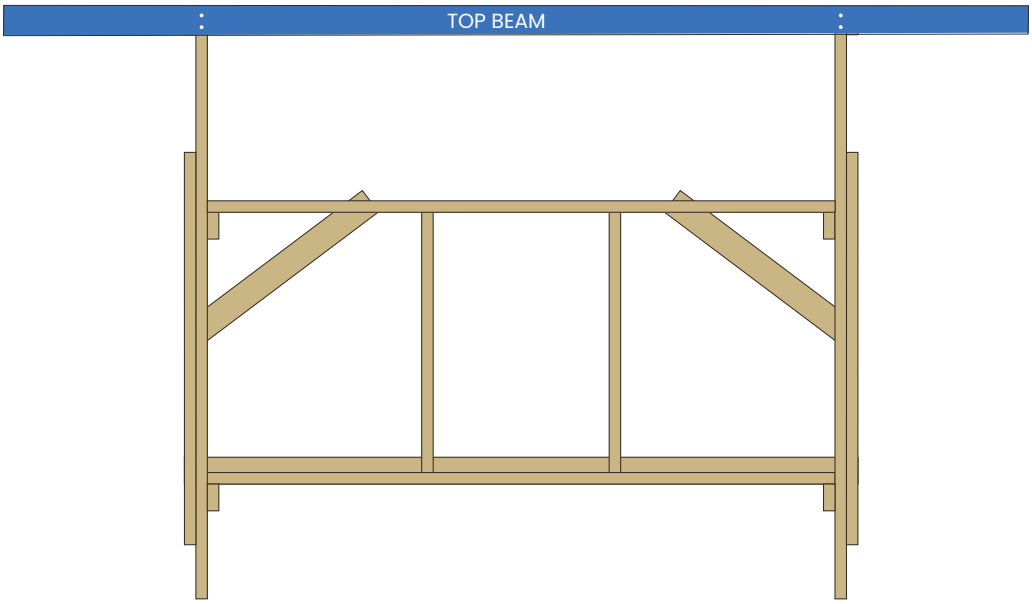
- Rest rear crossmember on top of kickers where they protrude from back legs
- Screw through rear crossmember into back legs





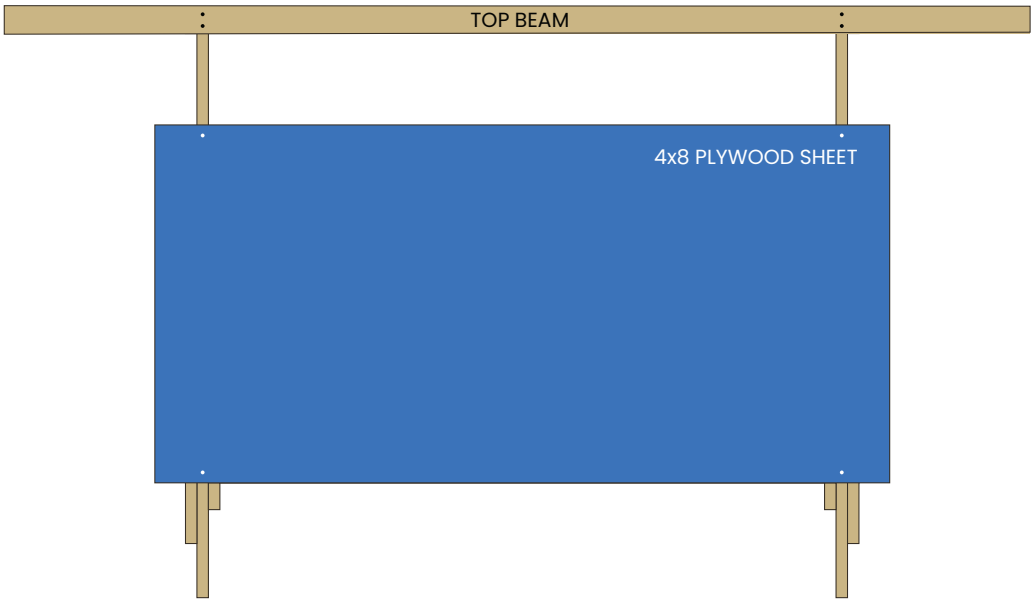
STEP 9 ATTACH SIDE BEAMS

- Place beams at 90 degree angles to each front leg
- Screw through beams into front legs



STEP 10 ATTACH TOP BEAM

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



STEP 11 STAND UP FRAME AND ATTACH PLYWOOD

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