

2X4 FARMHOUSE BENCH

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A simple building plan using inexpensive framing lumber (2x4's).



DIMENSIONS

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Overall: 16 9/16" x 76" x 16 5/8"

Clearance Under: 3"



TOOLS

RECOMMENDED TOOLS

- Tape Measure
- Safety Equipment
- Drill/Driver
- Miter Saw
- Pocket Hole Jig
- Palm Sander

MATERIALS

WOOD MATERIALS

Quantity	Type	Size
7	2x4 boards	96"

HARDWARE AND MORE

Quantity	Description	Size
50	Pocket Hole Screws	2 1/2"
6	Wood Screws	2 1/2"

ADDITIONAL MATERIALS AND NOTES

- Paint or Stain
- Wood Glue

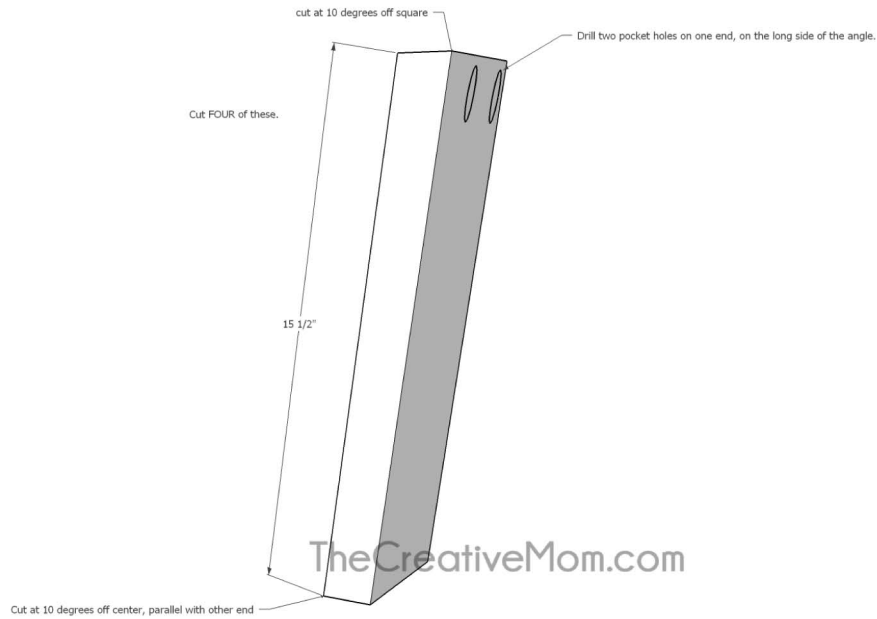


CUTTING GUIDE

WOOD CUTTING LIST

Quantity	Wood Type	Cut Length or Dimension	Label or Part
4	2x4	76"	Bench Seat
2	2x4	14"	Seat Base
1	2x4	58"	Lower Stretcher
1	2x4	54"	Upper Stretcher
4	2x4	15.5" (both ends cut at 10 degrees off square- ends are parallel)	Bench Legs
2	2x4	12.5"- measured from long point to long point (both ends cut at 10 degrees off square- ends are NOT parallel)	Leg Supports
2	2x4	12" both ends cut at 45 degrees off square- ends are parallel)	Diagonal Supports

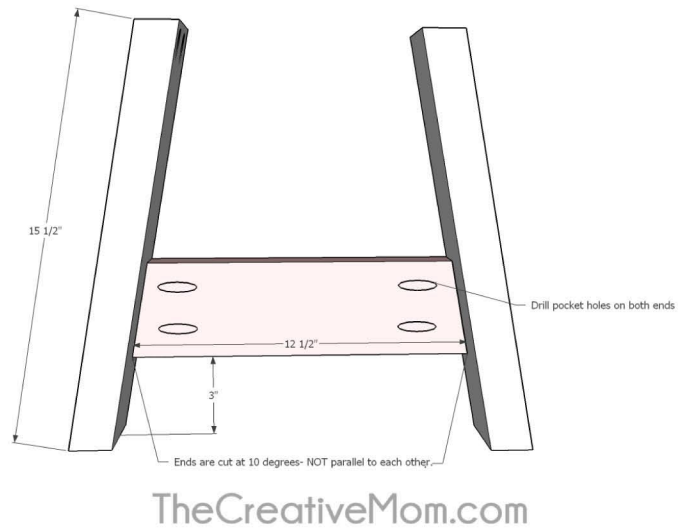
STEP 1



Cut 4- 2x4's at 15 1/2" (both ends cut at 10 degrees off square- ends are parrallel). Drill pocket holes in one end.



STEP 2

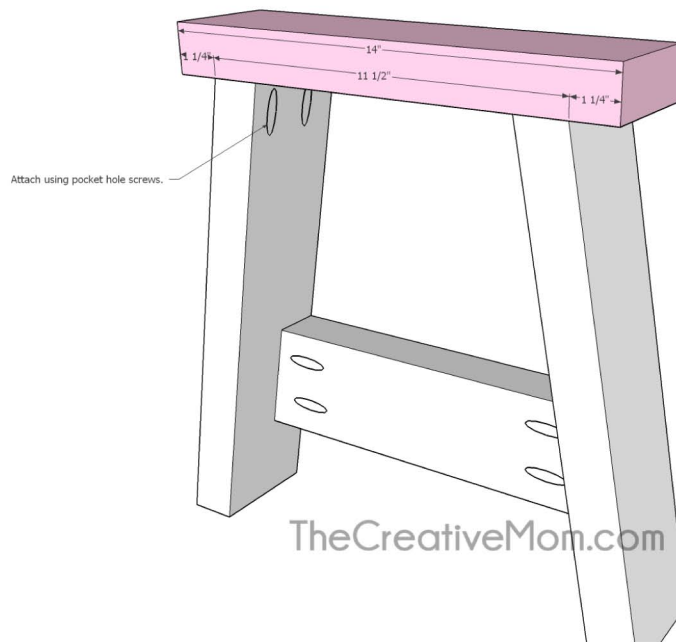


Cut 2- 2x4's at 12 1/2" (both ends cut at 10 degrees off square- ends are NOT parallel). Drill pocket holes in both ends.

Using wood glue and 2 1/2" pocket hole screws, attach a support to the legs, so that the side without the pocket holes is flush with the sides of your legs. You will need to build TWO of these for the legs.



STEP 3

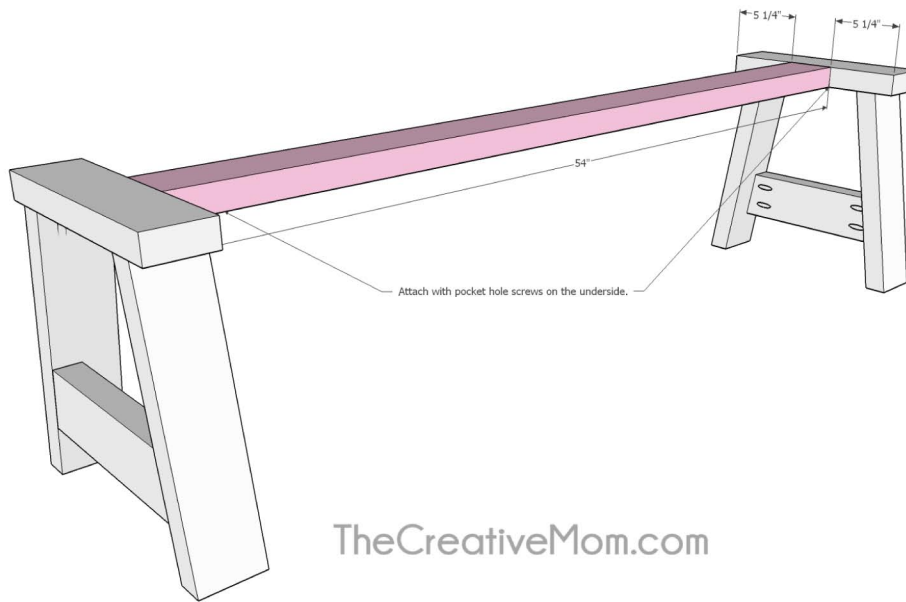


Cut 2- 2x4's at 14".

Using wood glue and 2 1/2" pocket hole screws, attach the legs to this support piece. You will need to do this for both of your legs.



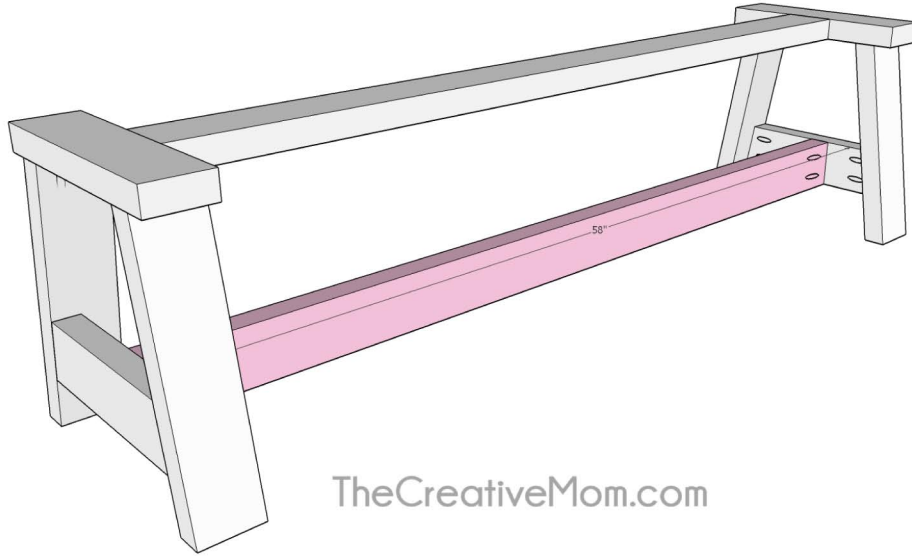
STEP 4



Cut 1- 2x4's at 54". Drill pocket holes in both ends.

Using wood glue and 2 1/2" pocket hole screws, attach this stretcher to center of the top support for the legs.

STEP 5

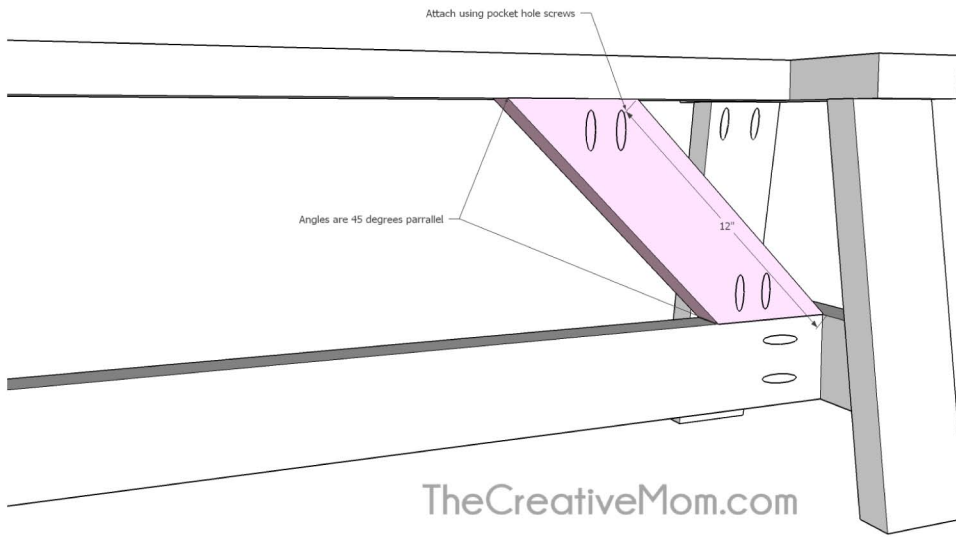


Cut 1- 2x4's at 58". Drill pocket holes in both ends.

Using wood glue and 2 1/2" pocket hole screws, attach this stretcher to center of the leg supports.



STEP 6



Cut 2- 2x4's at 12" (both ends cut at 45 degrees off square- ends are parallel). Drill pocket holes in both ends.

Using wood glue and 2 1/2" pocket hole screws, attach this diagonal support between the upper stretcher and the lower stretcher.



STEP 7



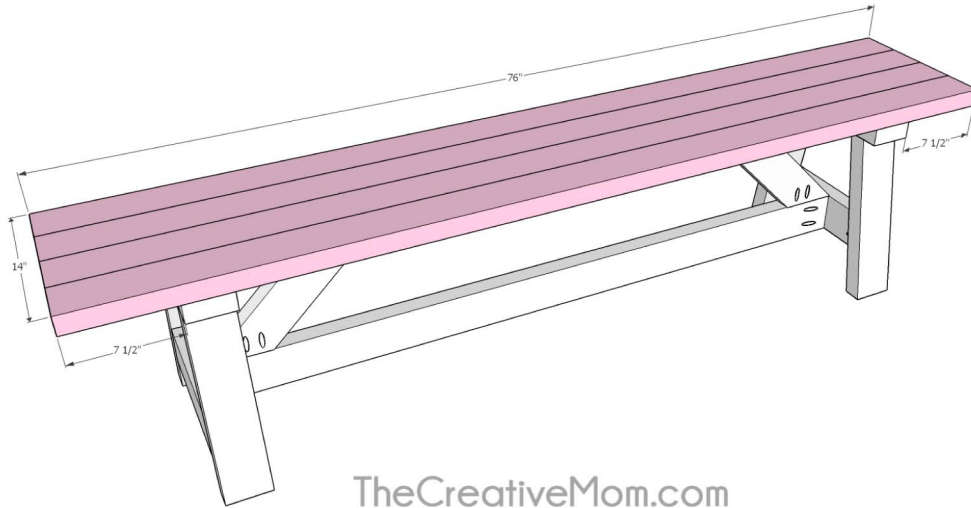
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You should have a completed bench base. Paint or Stain before adding the seat.



Please note:
The diagonal supports
had not been added in
this photo.

STEP 8



Cut 4- 2x4's at 76". If desired, you can connect these boards with pocket holes, dowel jointery, or biscuit joints.

Please note: if this bench is being used outdoors, you should leave a 1/4" to 1/2" space between the boards to allow for water drainage.

Stain or Paint.



STEP 9



Attach the seat boards to the 14" supports, using wood glue and regular 2 1/2" wood screws, drilled from the underside of the bench.

STEP 10



If you build this bench, I would love to see the finished product. Please email me-
Nat@TheCreativeMom.com

