

# DIY Tool Organization + Storage

By **Love and Renovations**

Difficulty  
Moderate

How to build a simple but super functional storage solution for your tools! This little organization workhorse holds more than you'd ever expect, and keeps your garage organized.



# Tools

## Kreg Tools



[Kreg® Pocket-Hole Jig 720](#)

## Other Tools

Table Saw

Tape Measure

Clamps

Drill (cordless)

Nail Gun

# Materials

## Wood Products

**1** Plywood , 3/4" Thick , Full Sheet

## Hardware & Supplies

**32** Pocket Hole Screws

**12** 1 1/4" Screws

**20** 18-gauge Nails

# Cut List & Parts

- 4 Box Pieces , 20.25"X16"
- 4 Box Pieces , 10.5" X 16"
- 2 Box Shelves , 9 1/8 " X 16"
- 2 Shelves , 18" X 16"
- 4 Drill Supports , 4" X 8"
- 4 Drill Supports , 2.25" X 8"
- 2 Side Drill Supports , 3/4" X 8"
- 1 Backing , 19" X 21.5"

# Directions

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**1**

### **Cut Plywood according to cut list**

Start by cutting down your plywood according to the cut list. Feel free to adjust the sizing depending on what you need for your space.

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**2****Assemble Side Boxes**

Using two 20.25X16 and two 10.5X16 pieces per box, assemble two boxes using pocket holes and wood glue.

I recommend using corner clamps to help you ensure the boxes are square as you assemble.

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### Assemble Drill Hangers

Assemble your drill hangers by drilling one 2.25"x8" piece into the bottom of a 4"x8" piece. Be sure to pre-drill 2-3 holes in the smaller piece before drilling.



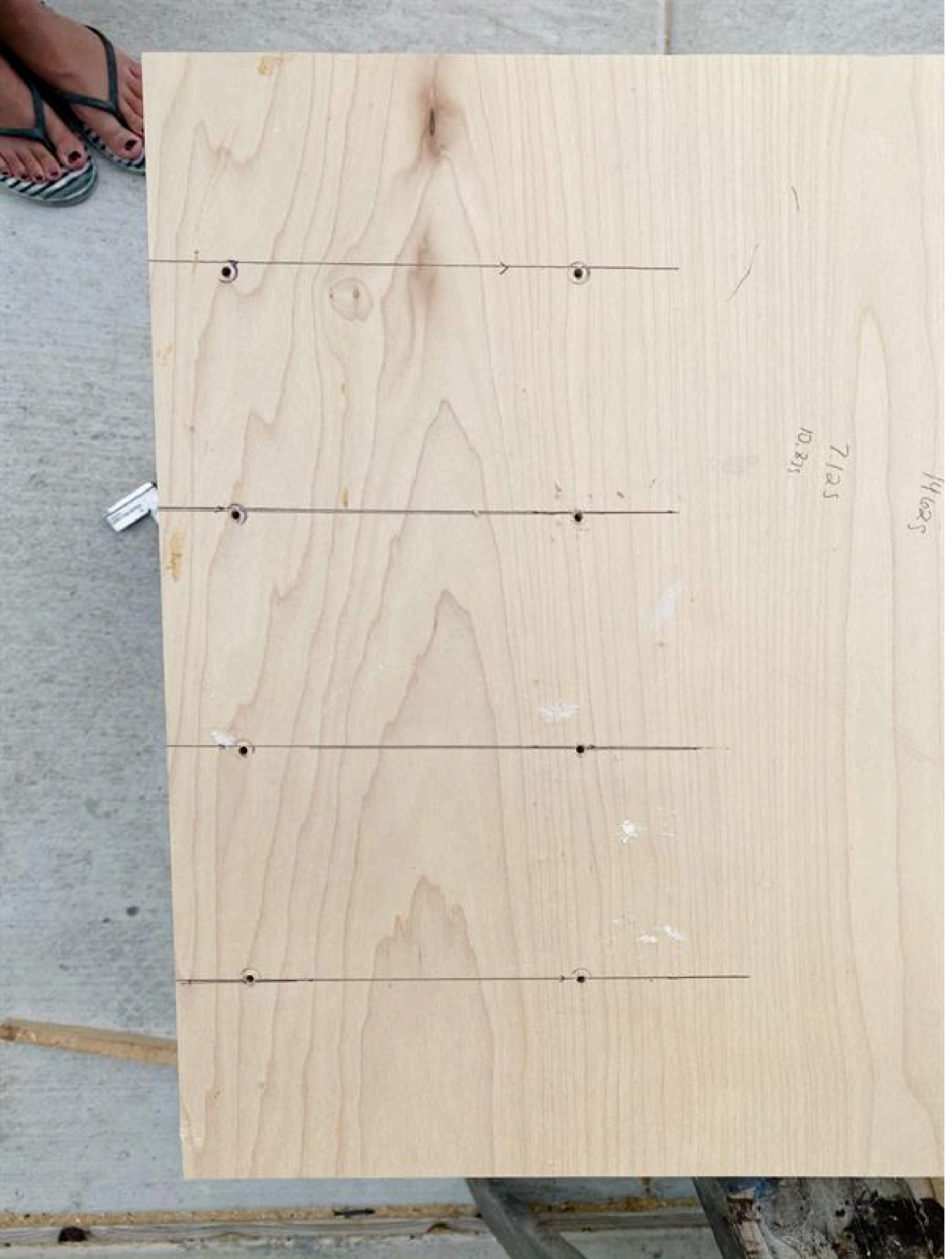
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#### **Mark spots on shelf for drill hange**

Mark lines on one of the 18"x16" shelves where the drill hangers will go. From center-to-center, the spacing between each drill hanger should be 3.75". The spacing between the side boxes and the first drill hanger on each side should be 3 3/8".

After marking the spots, pre-drill the holes for the drill hangers. You will not hang them until after attaching the shelf.

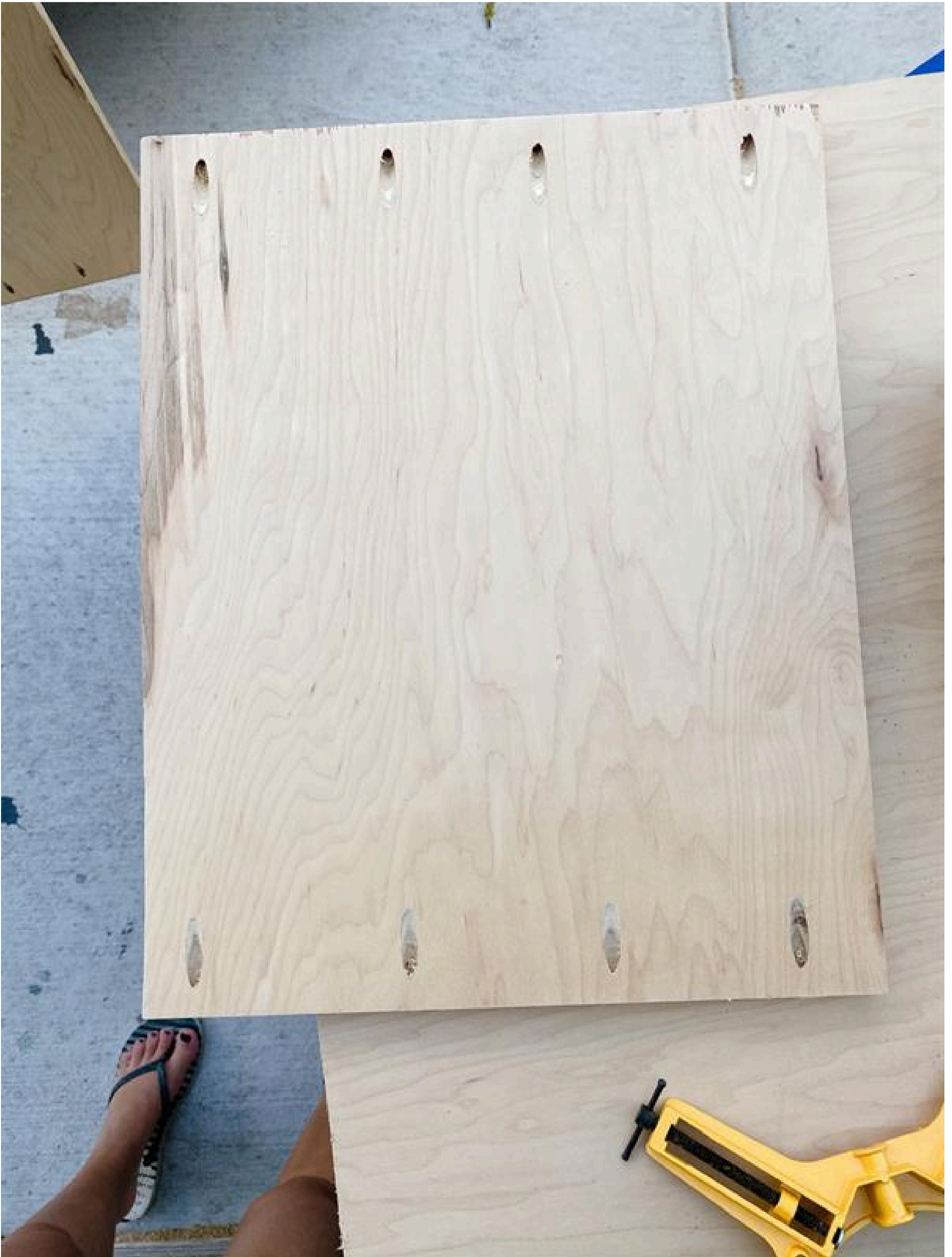
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### Drill pocket holes in the shelves

Drill pocket holes on the short sides of each 18" x 16" shelf.



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### Attach top shelf

Attach the top shelf to the two boxes using wood glue and pocket screws. It should be attached 3" from the top of the boxes.



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### Attach second shelf

Attach the second shelf in the same manner - it should be 10" from the first shelf.

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### Attach drill hangers to shelf

Add wood glue, then the drill hangers into the pre-drilled holes on the bottom shelf.



**9****Add shelf pieces to the boxes**

Drill pocket holes in the two 9 1/8" x 16" pieces (NOTE: I highly recommend assembling your boxes prior to cutting these pieces, then measuring and cutting based on your box, to account for any variations).

Using wood glue and pocket holes, add a shelf in each box, approximately 13" from the bottom of the shelf (this is obviously an optional step - if you prefer to store taller tools in this space, leave it open).

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**10****Attach side pieces for drill hanger**

Using wood glue and screws, attach the two 3/4" x 8" pieces to each box, approximately 2" from the bottom of the box and set back 1/2". (Be sure to pre-drill the holes to avoid splitting the wood)

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### Attach backing

Using wood glue and a nail gun, attach the 19" x 21.5" piece to the back of your organizer.





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**Paint and hang**

Paint in your desired color and hang it up on your garage wall - then, fill it up with all of your favorite tools!

