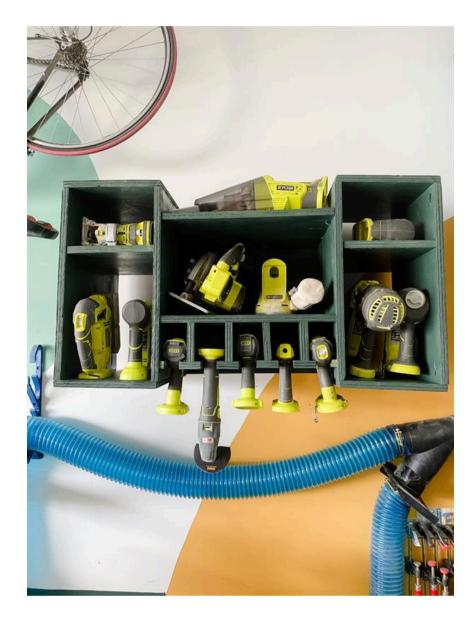


# DIY Tool Organization + Storage

### **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



#### **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** 11/4" 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





#### **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.







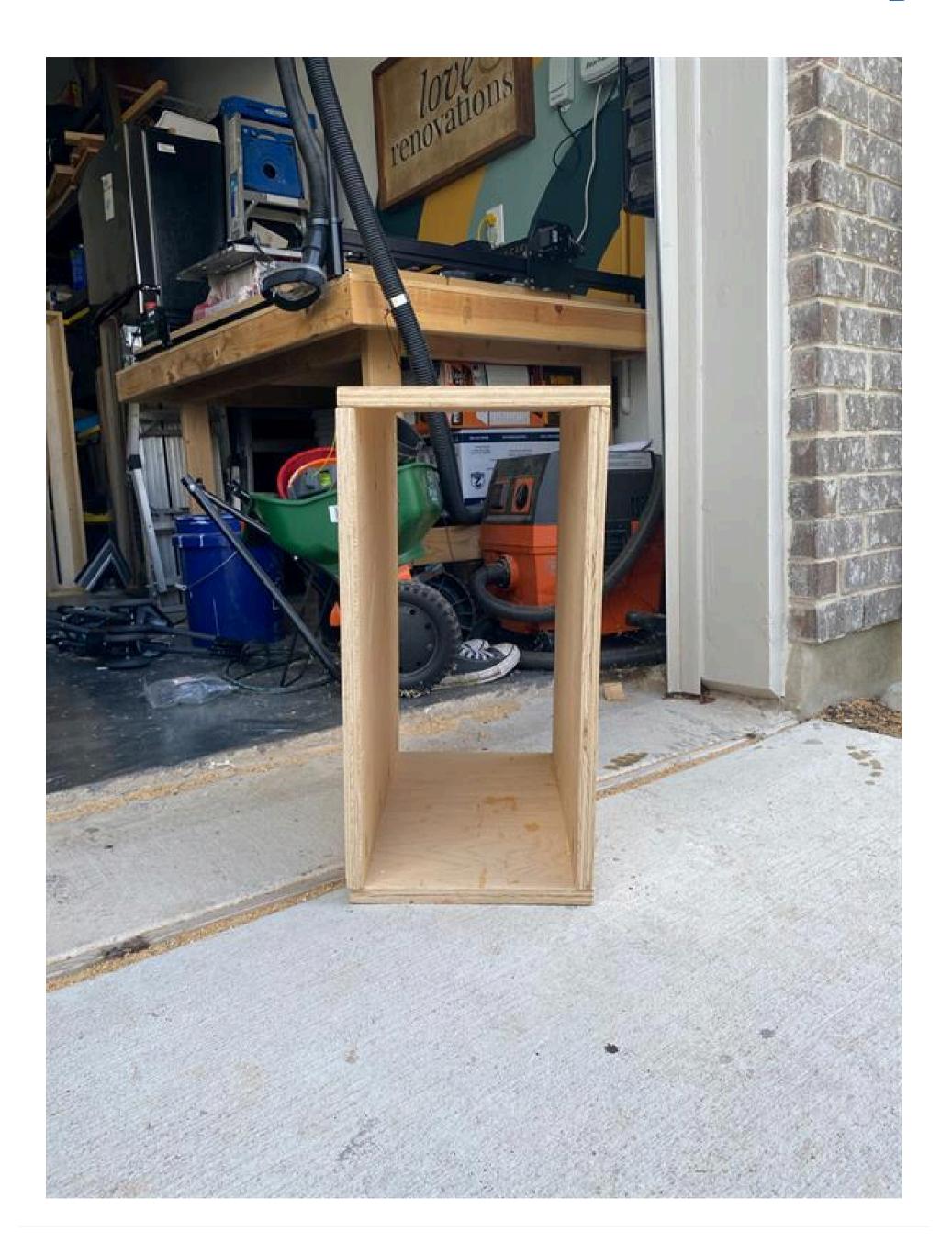


#### **Assemble Side Boxes**

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.



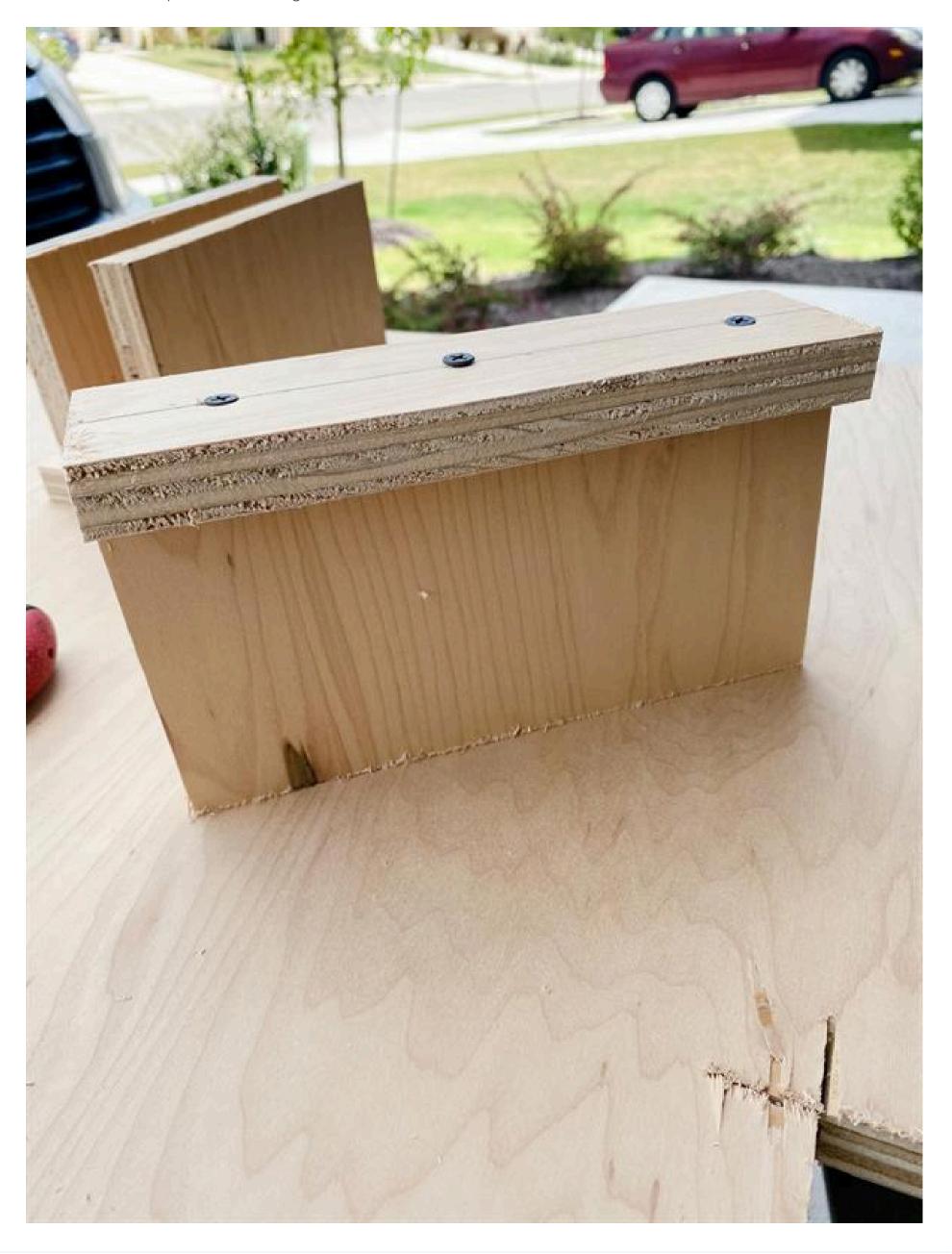






#### **Assemble Drill Hangers**

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.







#### 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.



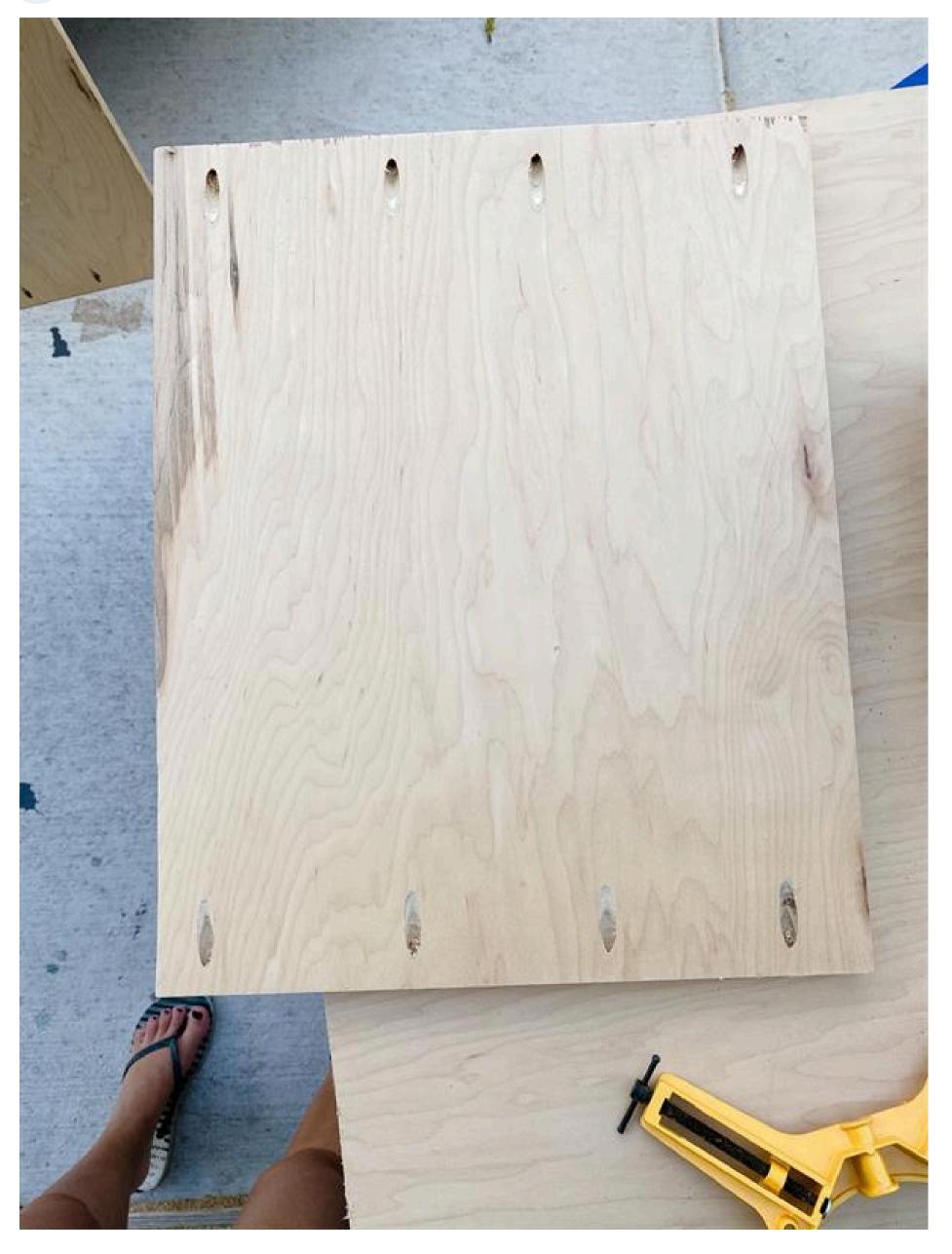






#### Drill pocket holes in the shelves

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







#### 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.





#### Attach second shelf

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





#### Attach drill hangers to shelf

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







#### Add shelf pieces to the boxes

Drill pocket holes in the two  $91/8" \times 16"$  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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#### Attach side pieces for drill hanger

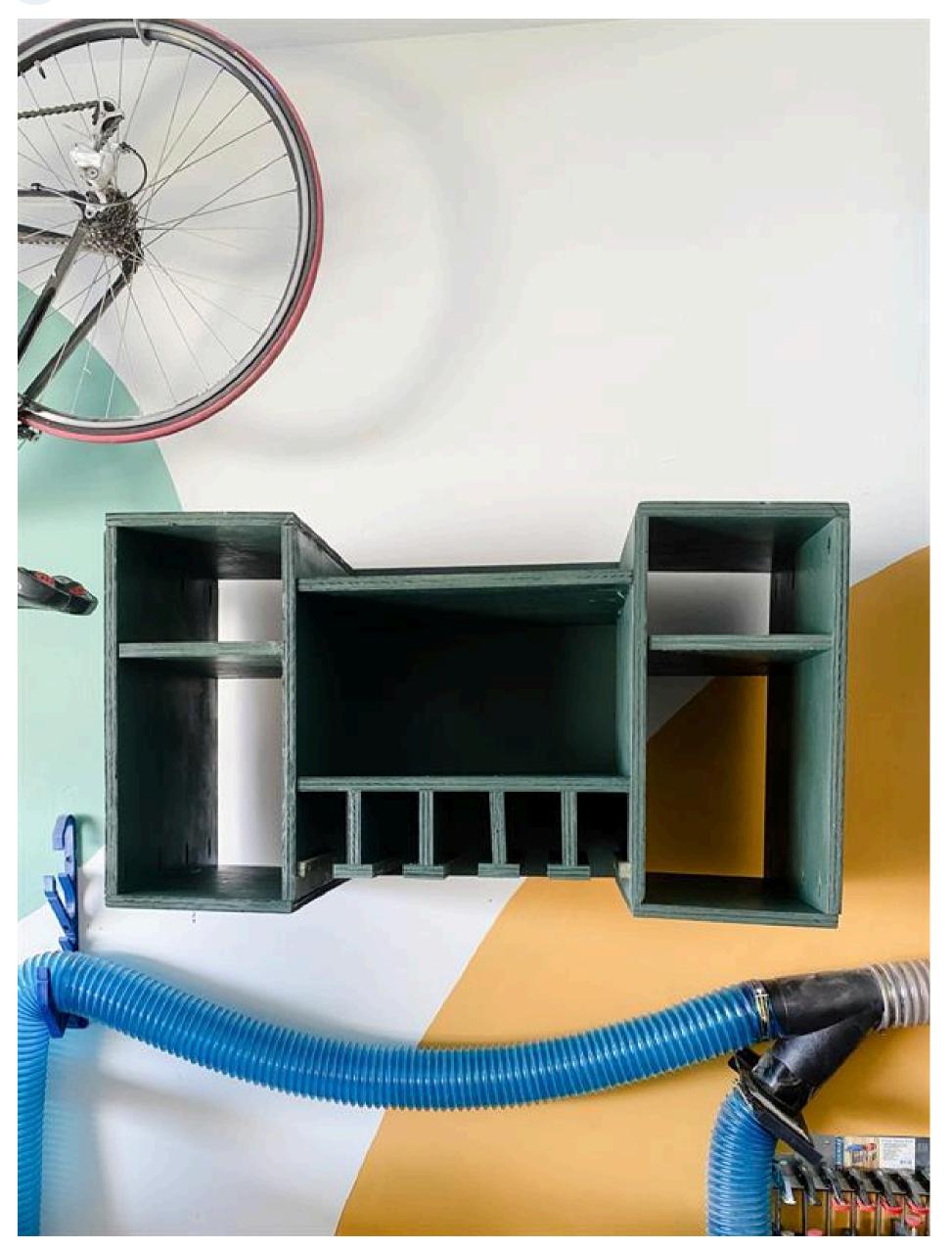
Using wood glue and screws, attach the two 3/4" x 8" pieces to each box, approximately 2" from the bottom of the box and set back 1/2". (Be sure to pre-drill the holes to avoid splitting the wood)





#### Attach backing

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







#### 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!

