

# Hidden Key Rack

Difficulty

Easy

A clever way to keep your car keys hidden behind a sign! Perfect for the garage or the mancave and the guy with way too many keys!



# Tools

## Kreg Tools

Portable  
Crosscut [Portable Crosscut](#)

Kreg®  
Pocket-  
Hole Jig [Kreg® Pocket-Hole Jig 720](#)  
720

Precision  
Router [Precision Router Table System](#)  
Table  
System

Concealed  
Hinge [Concealed Hinge Jig](#)  
Jig

Shelf Pin  
Jig with [Shelf Pin Jig with 1/4" Bit](#)  
1/4

Mobile  
Project [Mobile Project Center](#)  
Center

Multi-  
Mark™ [Multi-Mark™](#)

## Other Tools

Miter Saw

Table Saw

Tape Measure

Clamps

Drill (cordless)

Hammer

Impact Driver

Sander

Tape Measure

# Materials

## Wood Products

- 1** Maple , 1x6 , As Per Plans
- 1** Plywood , 1/4" Thick , Partial Sheet
- 1** MDF , 5/8" Thick" , Partial Sheet
- 12** Wooden Dowel , 1/4" Dia. , As Per Plans

## Hardware & Supplies

- 2** Concealed Hinge
- 1** Sign (Details In Plans)

# Cut List & Parts

1 See Plans,\*

# Directions

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1

## Cut Materials

Using a Compound Mitre Saw (or similar) cut your materials down to length





## 2

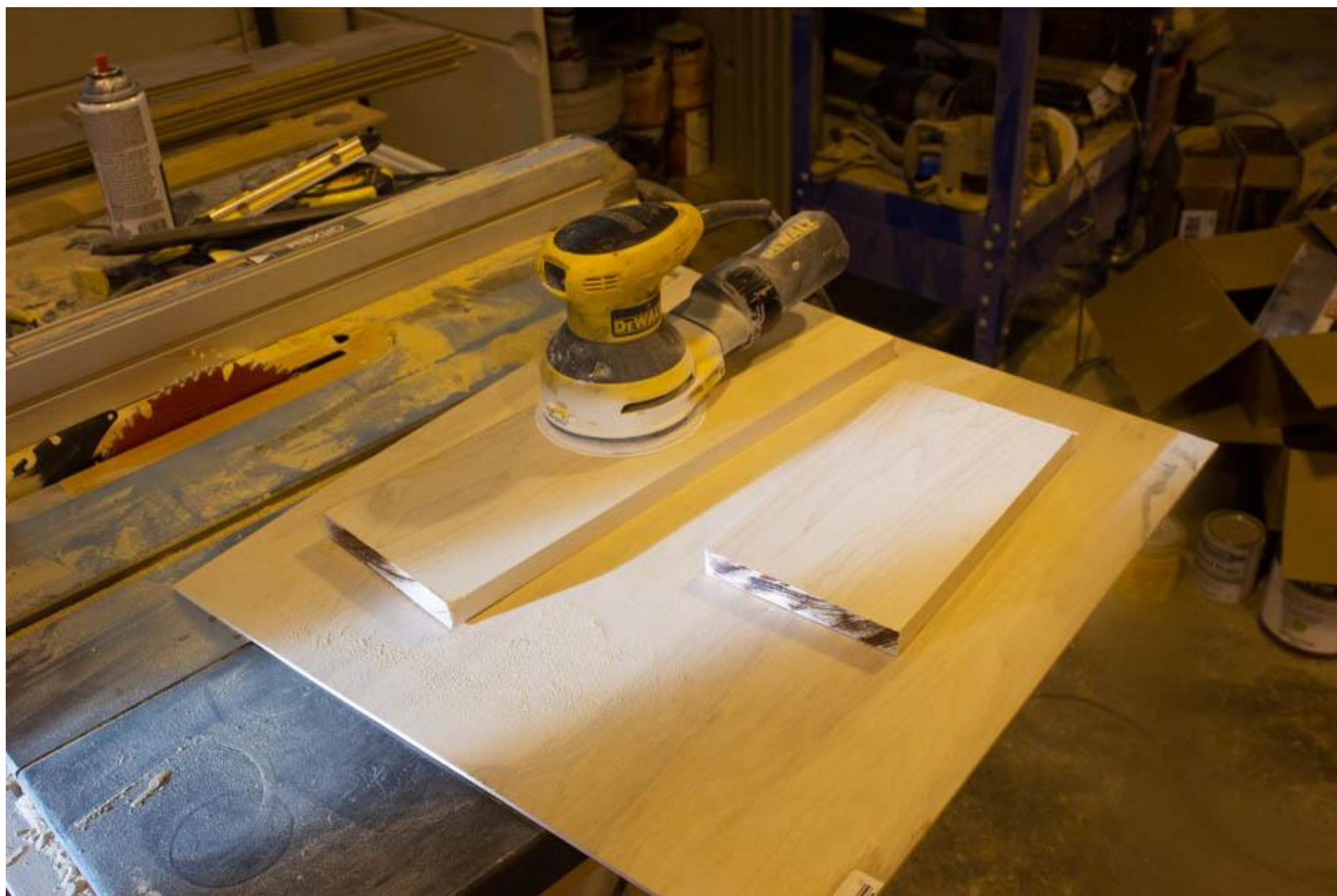
### Rip Materials

Using a Table saw cut the maple pieces B and C to width specified in plans



**3****Sand**

Before you cut you pieces down, lightly sand your maple board with a orbital sander and 100 grit paper





# 4

## Drill Pocket Holes

Using your Kreg Pocket Hole Jig drill the pocket holes as noted on the plans



**5****Cut Groove**

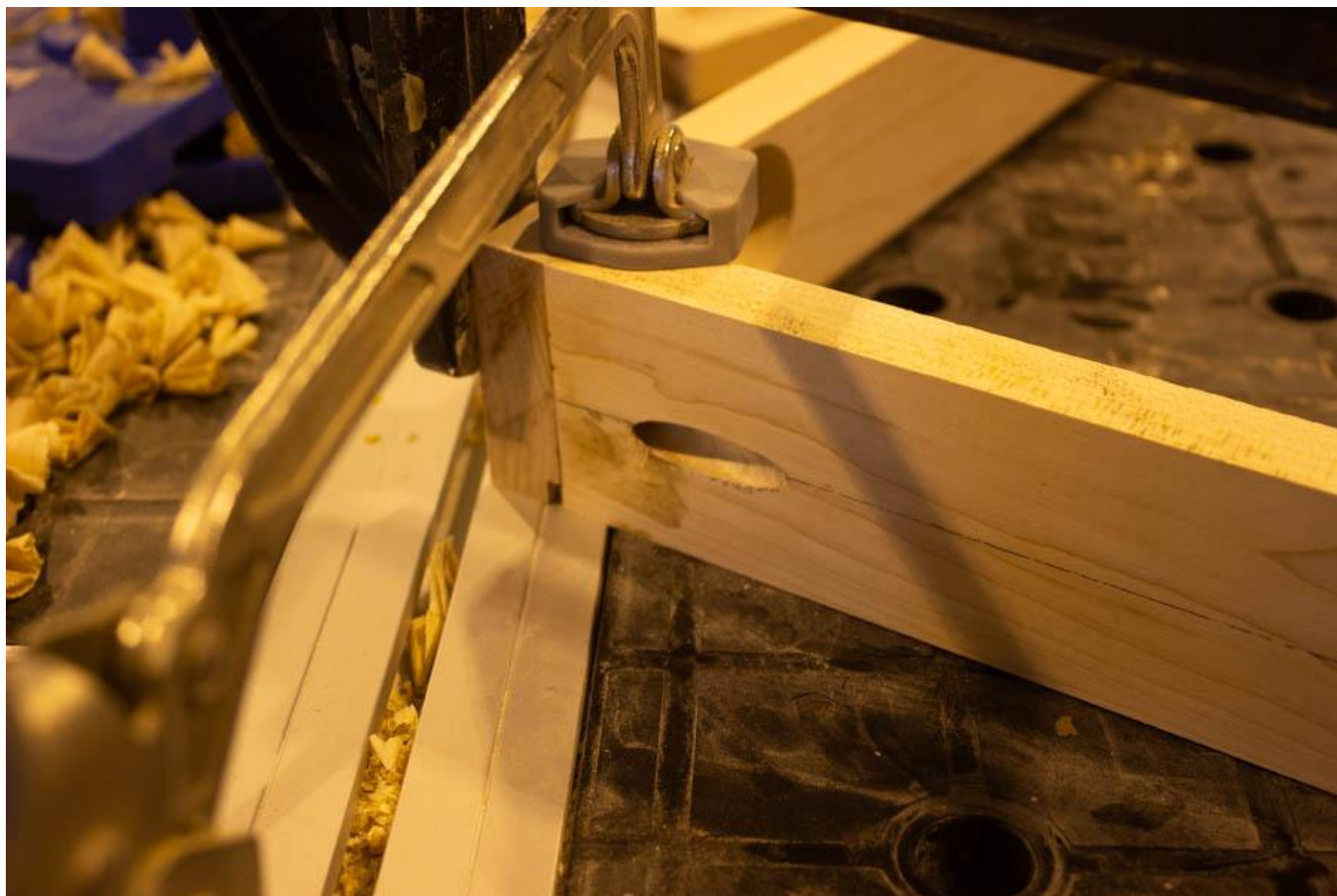
On the bottom inside face of parts B and C cut a groove as noted in the plans (we used our Kreg router table)





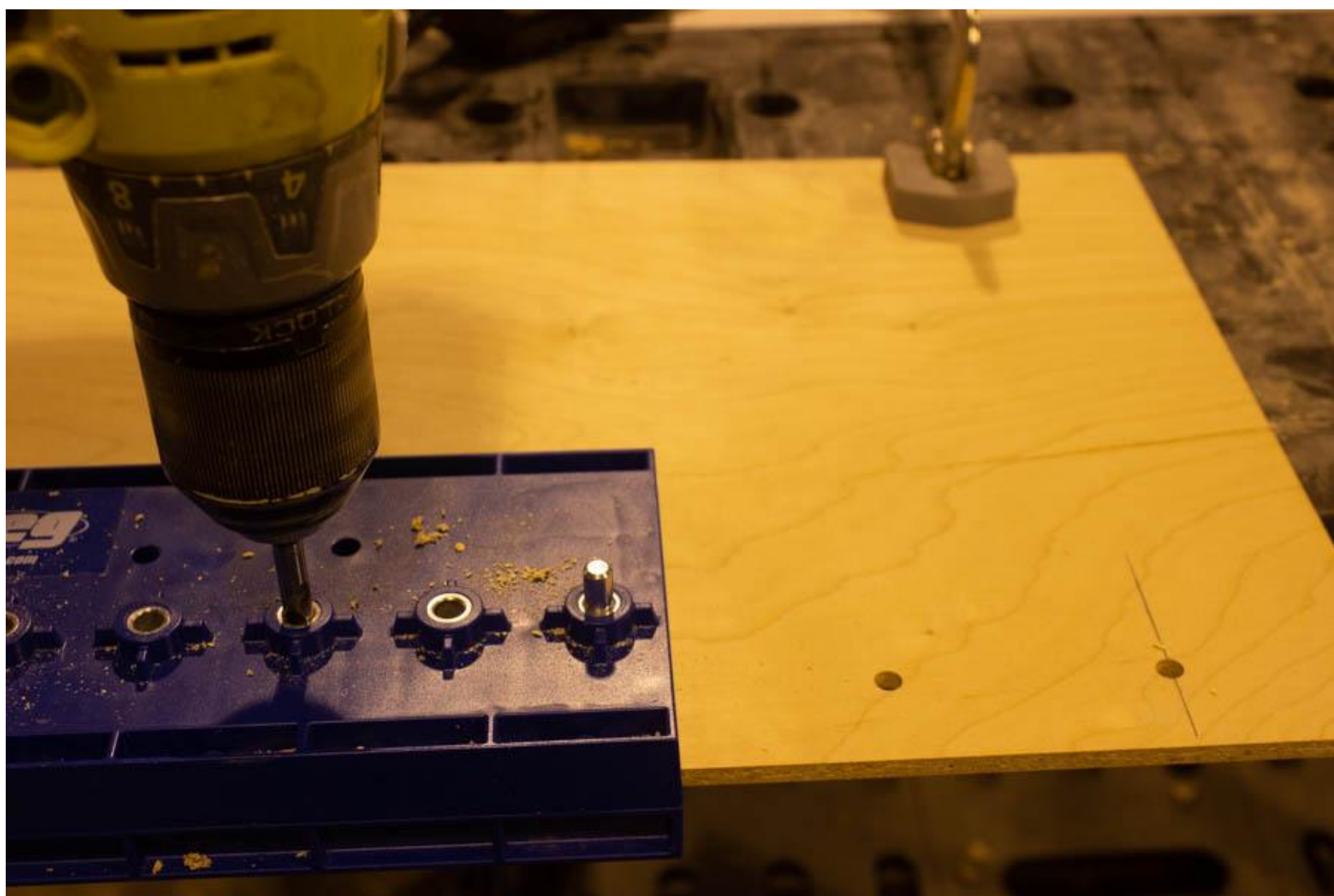
**6****Assemble Frame**

Glue all the joints, secure with clamps, and screw all the pocket holes.



**7****Prep Back (Part A)**

Using your Kreg Shelf pin jig drill your holes into Part A (or you can use a 1/4" dia. drill bit and drill all the holes individually). We used the Jig to layout the first row and drilled every other hole on the jig template. I then made a 1 1/8" space block to hold the jig on the bottom of the board to drill the bottom row.





# 8

## Drill Hinge Holes

Using your Kreg Concealed Hinge Jig drill two holes as noted on the plans. We set the jig to a 3mm offset and used left over Ikea concealed hinges.





**9****Assemble Part A**

With your holes drilled cut and install the 12 wooden dowels in Part A. We used wood glue to secure them into place.

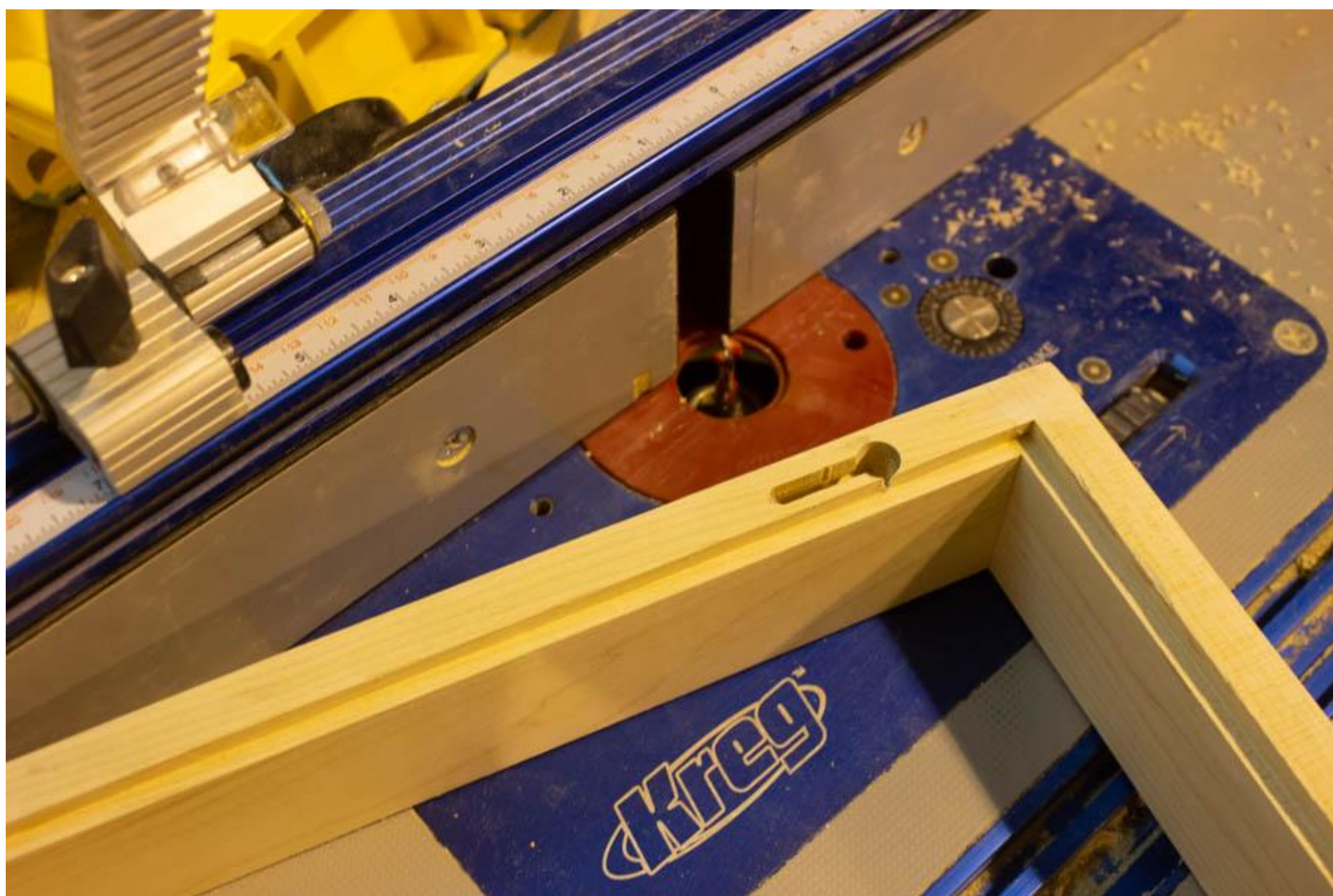
**10****Glue Part A**

With the dowels in place, you can glue the back groove and place Part A at the back of the frame. You may want to do a sanding of all the pieces with a 220 grit sand paper prior to installing the back face.



**11****Cut keyholes**

We cut key holes using our router table in the back of the frame to allow it to be attached to the wall. However any hanging method can be used (note the photo shows the keyholes cut down, however I later had to cut in the opposite direction as the slots need to be towards the top of the frame)

**12****Finish Frame and Front**

We used Ebony (Black) stain and a satin varnish to finished the maple frame. We used primer and a white paint to finish the MDF board.

**13****Plug Pocket Holes**

Using our Custom Pocket-Hole Plug Cutter we cut maple plugs out of scrap wood pieces of wood and filled the 4 pocket holes. We tired to match the grain as close as possible to try and hide the holes.





**14****Final Assembly**

Secure your hinges to the Frame and MDF board. We then screwed the sign to the MDF front (we had to drill new holes to hold the sign in place to ensure they screwed into the MDF board and not the frame). We had a sign from <https://www.giftsforyounow.com/personalize-my-garage-man-cave-metal-sign-676364.aspx> however you could use any sign or make your own to complete the end look.

