

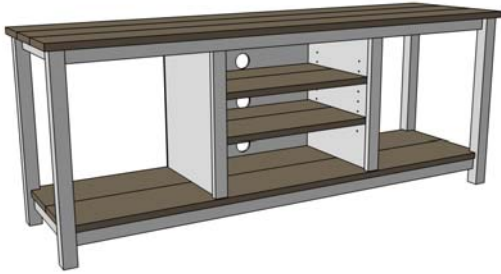


PROJECT PLANS

EASY-TO-BUILD TV STAND

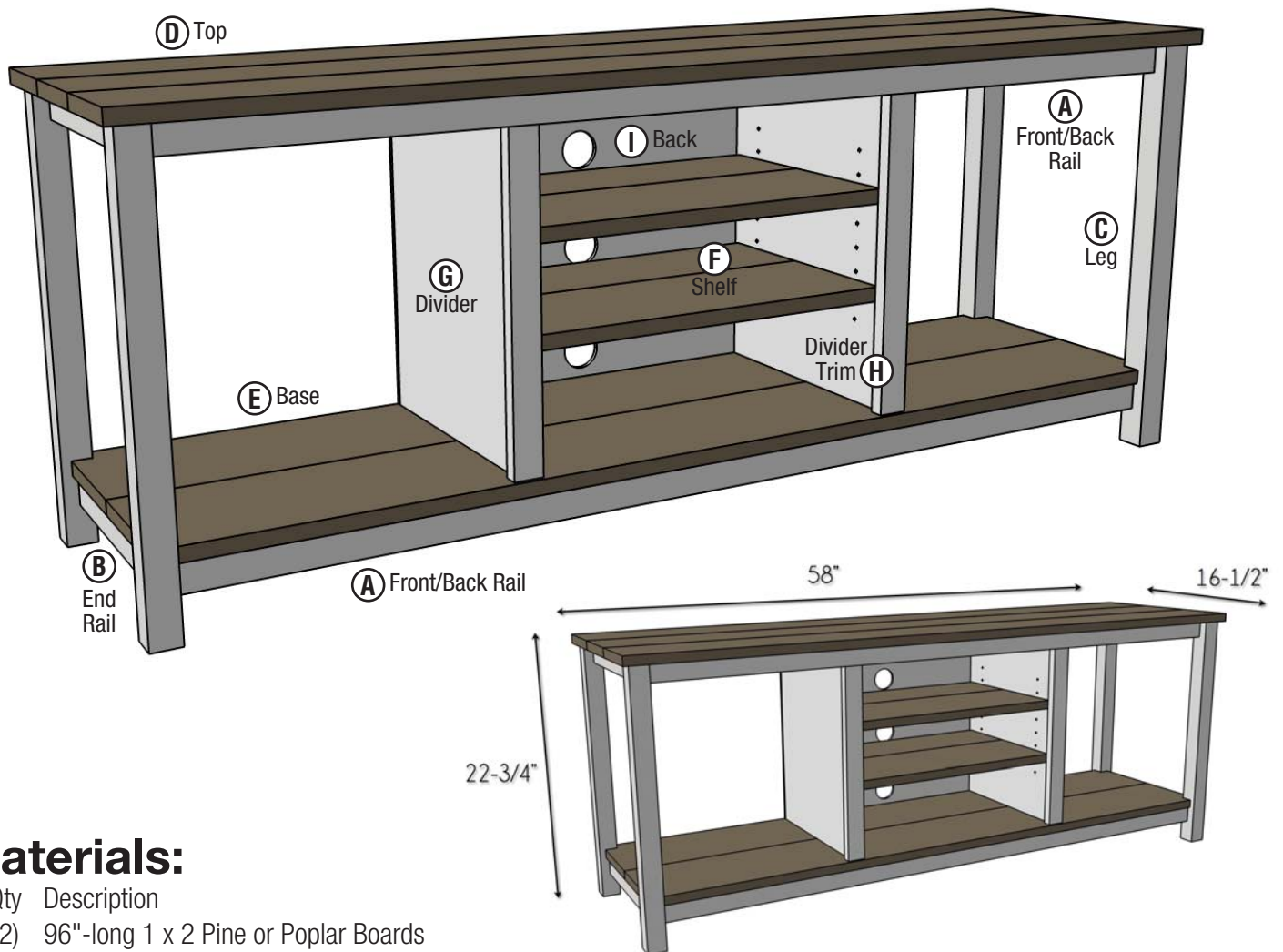
Create a stylish home for your television with this simple, good-looking stand. It offers space for a large flat-screen TV, and has additional space for components such as a cable box and Blu-Ray player. Plus, there's extra space that you can use to house speakers, or just use as a place to display some of your favorite things.

We'll walk you step-by-step through the process of building this TV stand using off-the-shelf materials and simple tools.



Safety:

Attention: Almost any do-it-yourself project involves risk of some sort. Your tools, materials, and skills will vary, as will the conditions at your project site. Kreg Tool Company ("Kreg") has made every effort to be complete and accurate in the instructions and other content contained in this document. However, Kreg will not assume any responsibility or liability for damages or losses sustained or incurred in the course of your project or in the use of the item you create. Always follow the manufacturer's operating instructions in the use of tools, check and follow your local building codes, and observe all commonly accepted safety precautions. We strive to be accurate, but reserve the right to correct any errors.



Materials:

Qty	Description
(2)	96"-long 1 x 2 Pine or Poplar Boards
(2)	72"-long 1 x 2 Pine or Poplar Boards
(1)	96"-long 2 x 2 Pine or Poplar Board
(2)	96"-long 1 x 6 Pine or Oak Boards
(1)	72"-long 1 x 6 x Pine or Oak Board
(2)	96"-long 1 x 8 Pine or Oak Boards
(1)	24" x 48" Sheet of 3/4" Birch Plywood
(1)	24" x 48" Sheet of 5mm Underlayment
(100)	1-1/4" Coarse-Thread Kreg Pocket-Hole Screws
(20)	1-1/4" 18-gauge Brad Nails
8	5mm Shelf Pins

Tools:

Drill/Driver
Kreg Jig®
Kreg 5mm Shelf Pin Jig
Circular Saw or Miter Saw
Jigsaw or Hole Saw
Hammer or Brad Nailer
Clamps

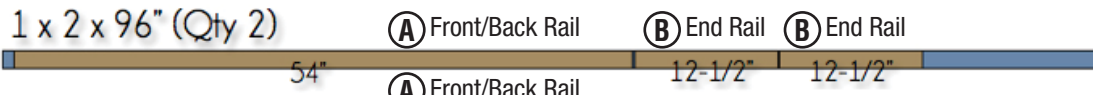
Tape Measure
Pencil
Sandpaper and Sander
Paint and/or Stain

Optional Tools:

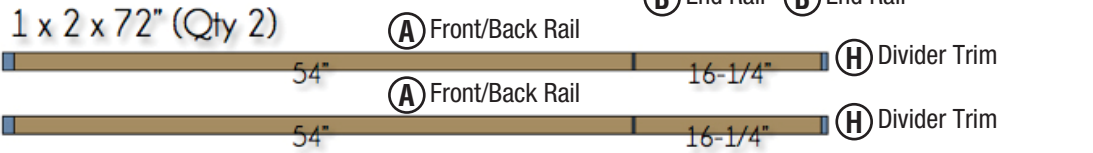
Kreg Rip-Cut™
Kreg Square-Cut™

Cutting Diagram:

1 x 2 x 96" (Qty 2)



1 x 2 x 72" (Qty 2)



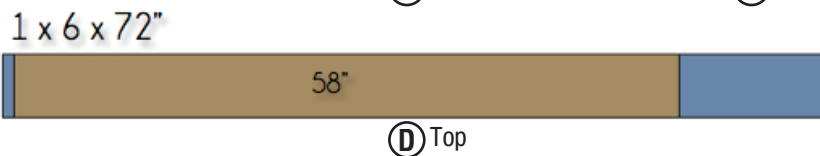
2 x 2 x 96" (Qty 4)



1 x 6 x 96" (Qty 2)



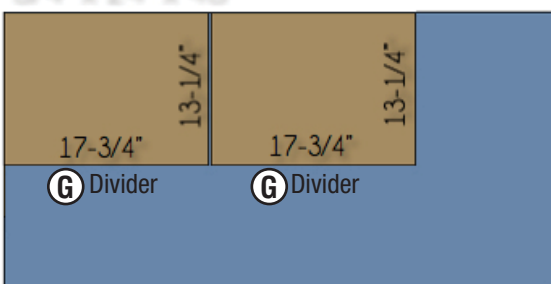
1 x 6 x 72"



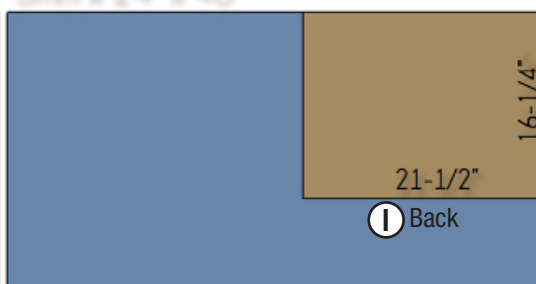
1 x 8 x 96" (Qty 2)



3/4" x 24" x 48"

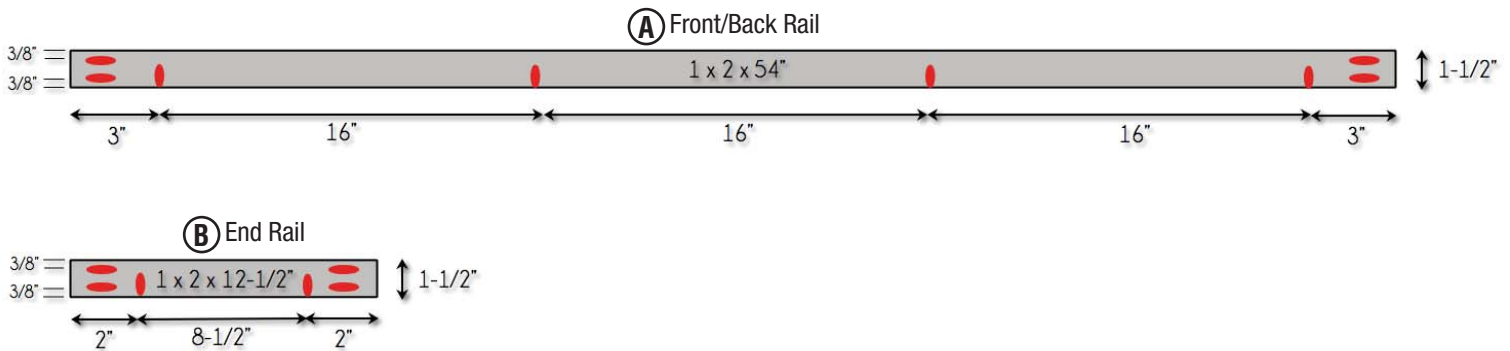


5mm x 24" x 48"



Step 1: Cut four Front/Back Rails (A) and four End Rails (B) to length from 1x2 boards, as shown in the Cutting Diagram. Also cut four Legs (C) to length from 2x2 boards. Set the Legs aside, for now.

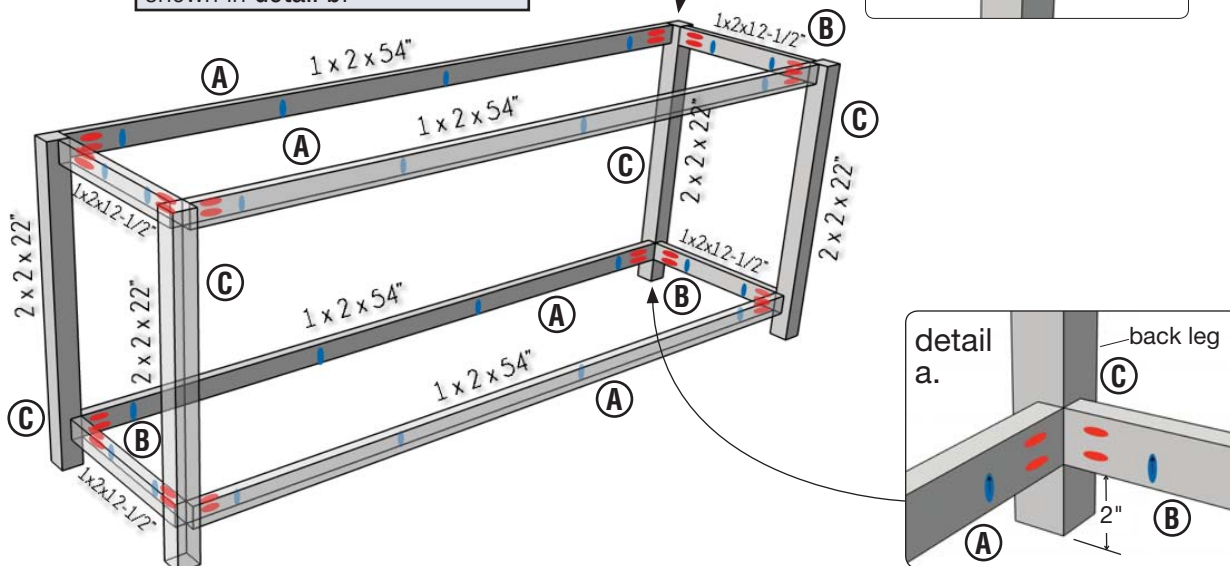
Step 2: Drill pocket holes in the ends and edges of each of the Front/Back Rails and End Rails, as shown.



Step 3: Assemble the stand using by attaching the Front/Back Rails and End Rails to the Legs using 1-1/4" Kreg Screws. The Rails should be located 2" from the lower end of the Legs. Make sure that the pocket holes on the edges are oriented so that you'll be able to drive pocket screws into the Top and Shelf later.

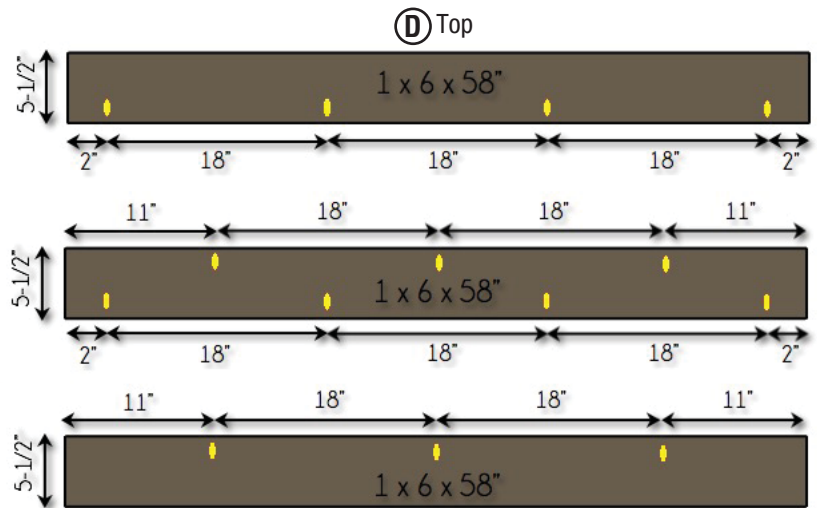
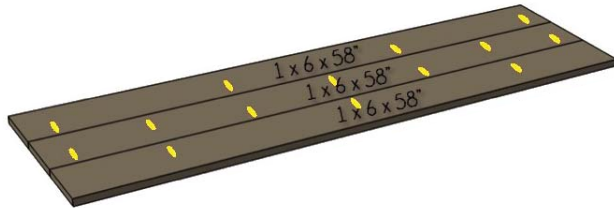
Project Note

All of the rails sit flush with the inside faces of the legs, as shown in **detail a**, *except* for the upper back rail. It should be flush with the outside of the legs, as shown in **detail b**.



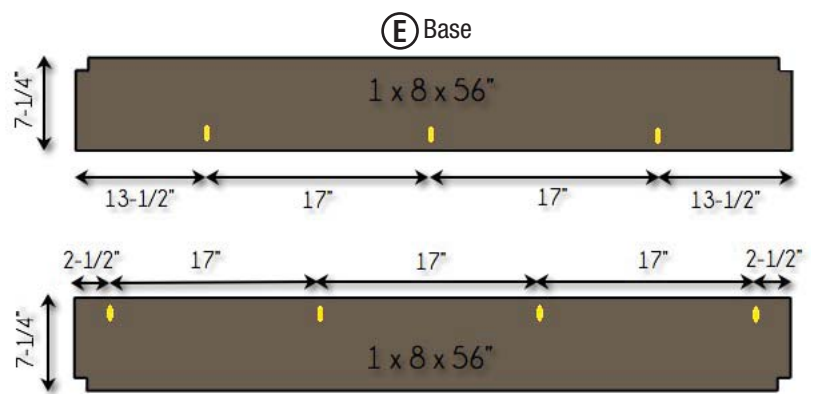
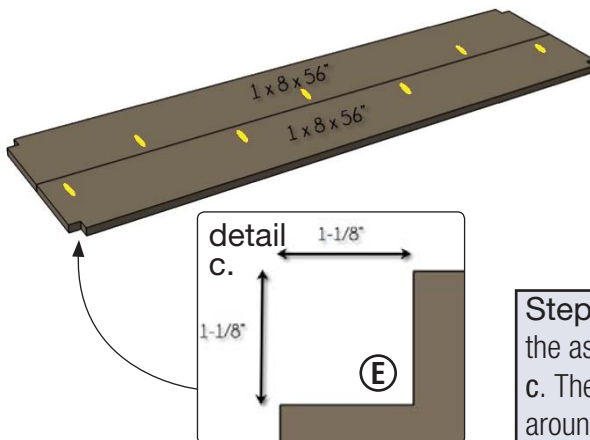
Step 4: Cut three **Tops (D)** to length from 1x6 boards, as shown in the Cutting Diagram. Drill pocket holes in these pieces, as shown.

Assemble the Tops using 1-1/4" Kreg Screws.



Step 5: Cut two **Bases (E)** to length from 1x8 boards, as shown in the Cutting Diagram. Drill pocket holes in these pieces, as shown.

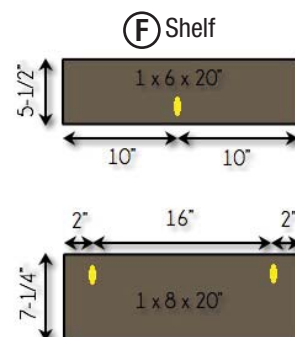
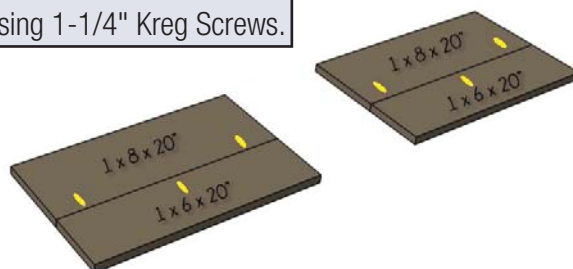
Assemble the Bases using 1-1/4" Kreg Screws.



Step 6: Cut a notch in each corner of the assembled Base, as shown in **detail c.** These notches will allow the Base to fit around the legs of the stand.

Step 7: Cut four **Shelves (F)** to length, as shown in the Cutting Diagram. Note that two are cut from 1x6 boards, and two are cut from 1x8 boards. Drill pocket holes in these pieces, as shown.

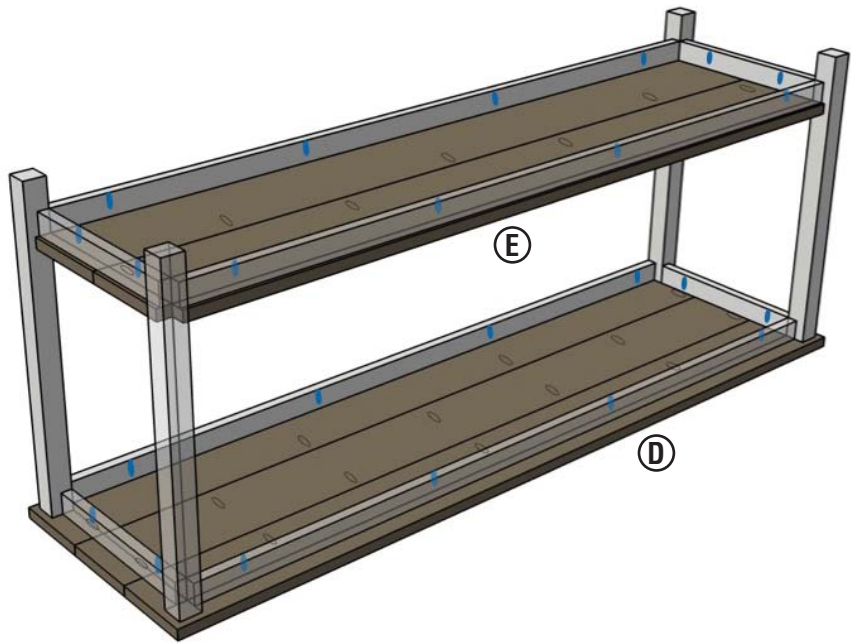
Assemble the Shelves using 1-1/4" Kreg Screws.



Step 8: Attach the Top and Base to the stand by driving 1-1/4" Kreg Screws into them from underneath. When attaching the Top, make sure it overhangs the stand equally on all sides. Make sure the Base has consistent gaps around the legs.

Quick Tip

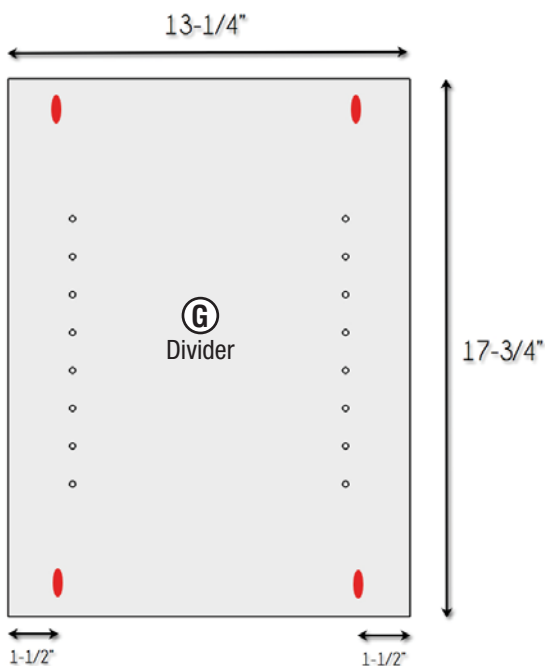
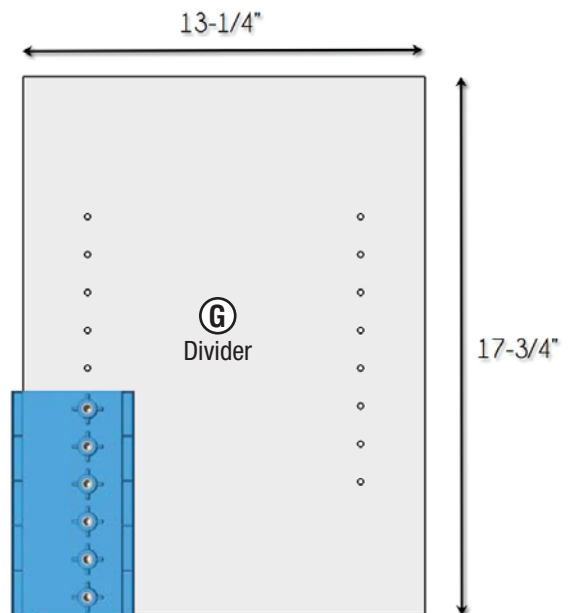
If you plan to use a combination of paint and stain on your TV Stand, apply them before assembly.



Step 9: Cut two Dividers (G) to the size from 3/4" plywood, as shown in the Cutting Diagram.

Step 10: Drill shelf pin holes in one face of each Divider. If you are using the Kreg Shelf Pin Jig, as shown, set the fence for a 2" setback, place the jig flush with the bottom end of the Divider, and start drilling at the fourth hole up. Drill three holes, move the jig up, and then drill five more holes.

If you are not using the Kreg Shelf Pin Jig, mark lines 2" in from the edges. Start 4-3/8" from the bottom, and then drill eight holes, each spaced 1-1/4" apart.



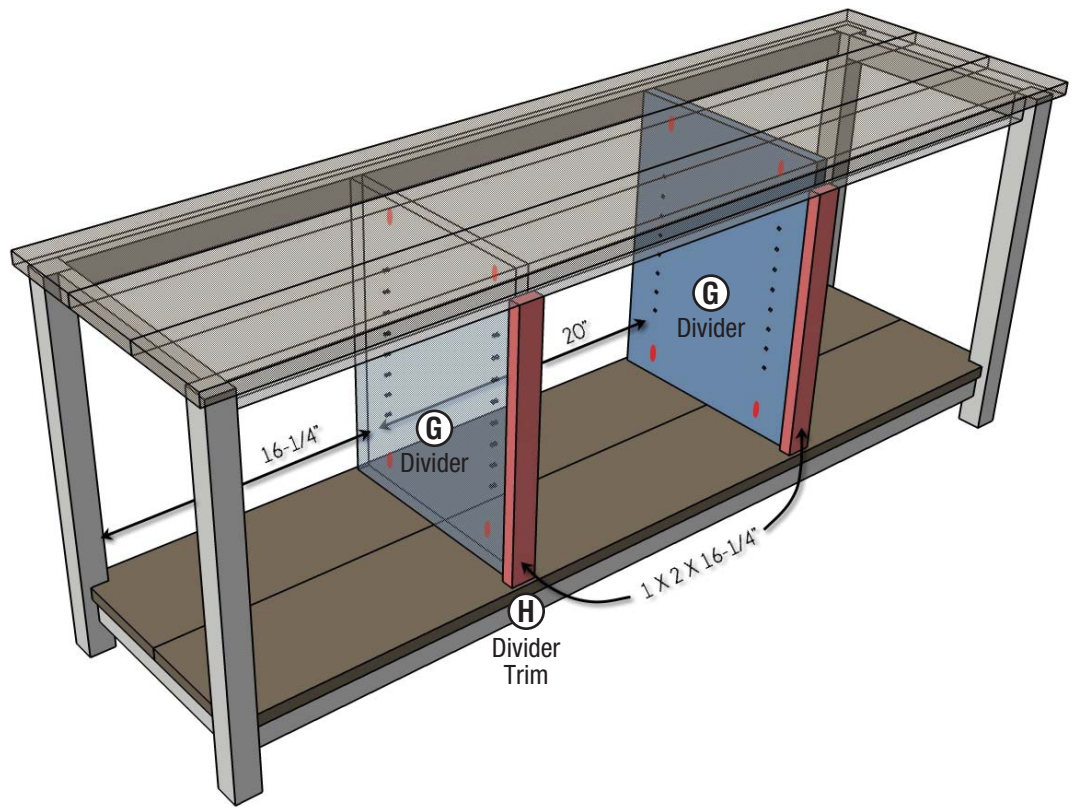
Step 11: Drill pocket holes in the Dividers, as shown, placing them in the same face as the shelf-pin holes.

Step 12: Position the Dividers in the stand as shown, so that the pocket holes in both dividers are facing inward.

Now attach the Dividers using 1-1/4" Kreg Screws.

Step 13: Cut two pieces of Divider Trim (H) to length from 1x2 boards, as shown in the Cutting Diagram.

Attach the Divider Trim using glue and 1-1/4" brad nails. Make sure that it overhangs the dividers equally on each side, as shown in detail d.



Quick Tip

If you are using a hammer and nails to attach the Divider Trim and the Back, drill pilot holes to prevent splitting. If you are using a brad nailer, pilot holes aren't necessary.

Step 14: Cut a Back (I) to size from a sheet of 5mm underlayment, as shown in the Cutting Diagram.

Before installing the back, create holes for running wires as needed. Using either a hole saw in drill, or a jig saw. Placing the piece on a sacrificial backer board will help prevent tearout.

Step 15: Attach the Back using 1-1/4" brad nails.

