

CHIEF'S SHOP PLAN OF THE WEEK

READY FOR SCHOOL BENCH



ABOUT THESE PLANS

On this first page you will see above the project complete. On the last page you'll find the finished outer dimensions. Be sure to read ALL of the project steps before you start.

To the right is a list of the Lumber, Hardware/Supplies, and Tools you will need to complete this project. A measuring tape and pencil are not included because that should be pretty standard and self explanatory.

Below What You'll Need is the Parts list. This also is included on the Cutting Diagram page, which is the next to last page of this plan document. Also on the Cutting Diagram page is an estimate of the cost of the lumber. This estimate doesn't include any other supplies and does not factor in sales tax.

Throughout these plans you'll find the icons below:



LAYOUT This indicates a diagram detailing the dimensions of a project part and/or the placement for pocket holes, screws, nails, etc.



NOTE Notes are the instructions for a particular step/section of the project.



TAKE CARE! This indicates when to pay close attention to the diagrams, take precautions for safety, etc.



MORE PLANS

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VIDEO

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WHAT YOU'LL NEED



LUMBER

1 - 2 x 8 x 8
1 - 2 x 12 x 8
or
1 - 2 x 3 x 8
1 - 2 x 4 x 8
1 - 2 x 8 x 8
1 - 2 x 10 x 8
1 - 2 x 12 x 8

(availability will vary)

HARDWARE/SUPPLIES

Kreg 2 1/2" pocket hole screws
2 1/2" deck screws
(optional)
wood glue
paint/stain/
sealer/polyurethane

TOOLS

table saw (optional)
miter saw
jigsaw or band saw
sander/belt sander
drill/driver
Kreg Jig
clamps
square
flexible metal ruler

Note: The options for lumber are there in case you do not have a table saw and/or do not want to rip some parts from larger pieces of lumber.

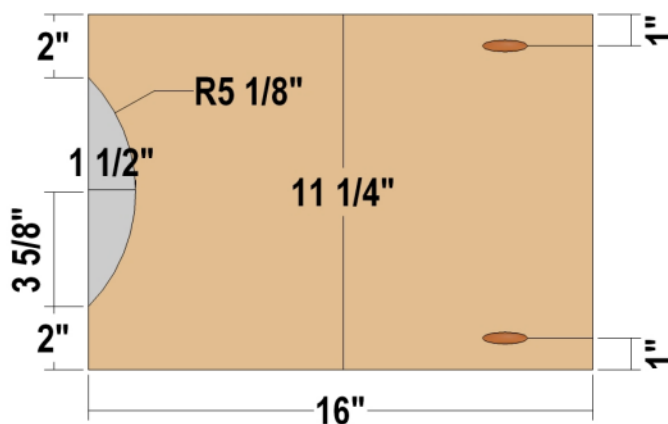


PARTS

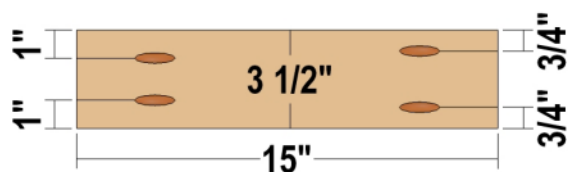
Legs (3) - 1 1/2 x 11 1/4 x 16
Seat Supports (2) - 1 1/2 x 3 1/2 x 15
Shelf Rails (2) - 1 1/2 x 2 1/2 x 15
Shelves (2) - 1 1/2 x 9 1/4 x 15
Seat Slats (2) - 1 1/2 x 7 1/4 x 38 1/2

All parts are listed in actual dimensions. Refer to the Cutting Diagram on the last page of this plan as a guide for determining the specific board from which to cut the parts.

Leg



Seat Support

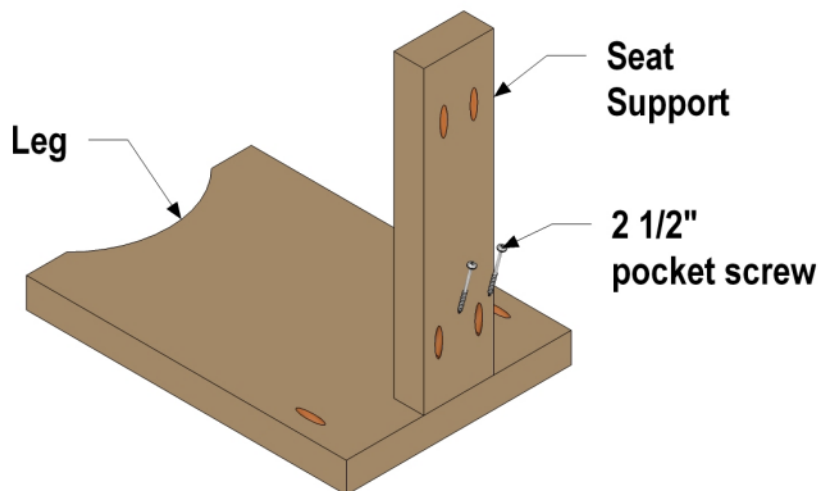
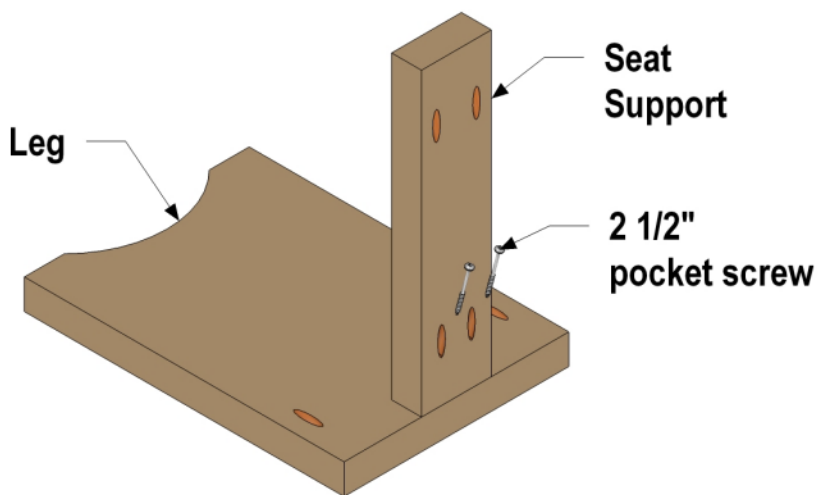


NOTE

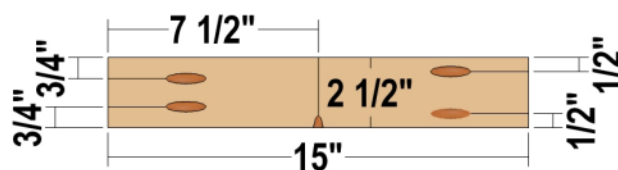
Use the layouts for creating the Legs and Seat Supports. **Set your Kreg Jig and drill bit for 1 1/2" stock.** *Note the difference in hole placement on the Seat Support.*

NOTE

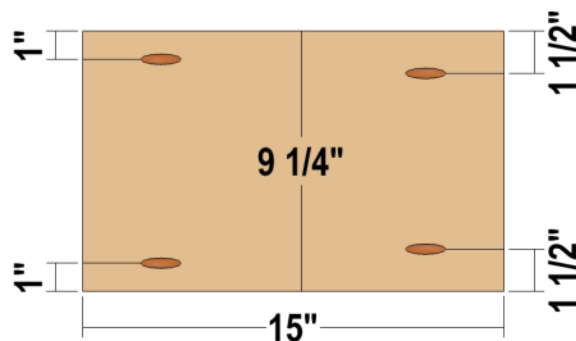
Position the parts as shown and attach using glue and 2 1/2" pocket hole screws. Create two separate assemblies as shown - notice the Seat Supports and the pocket hole placements.



Shelf Rail



Shelf

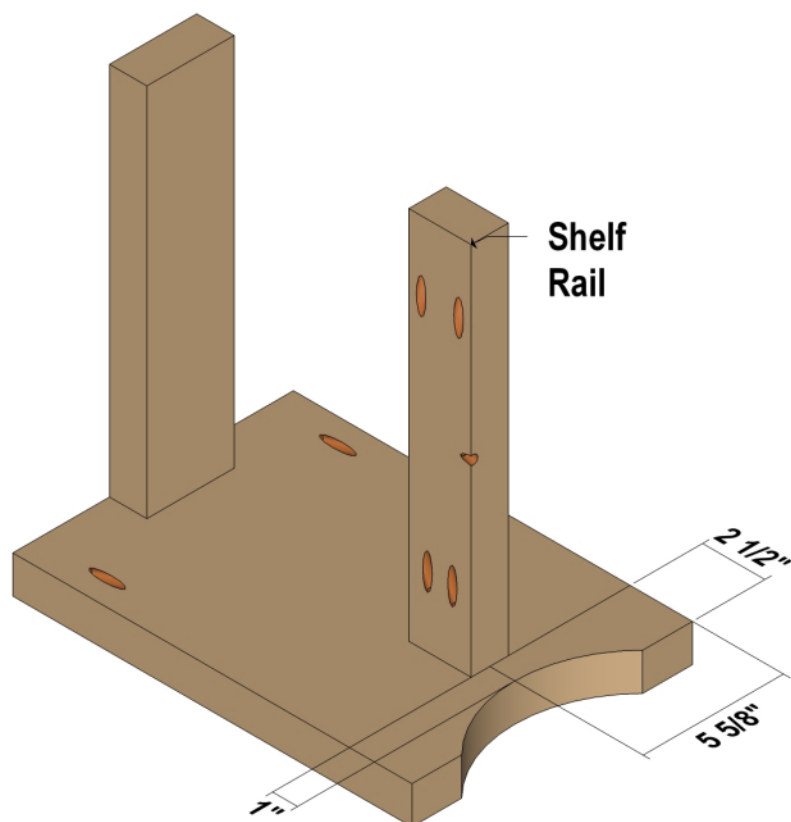
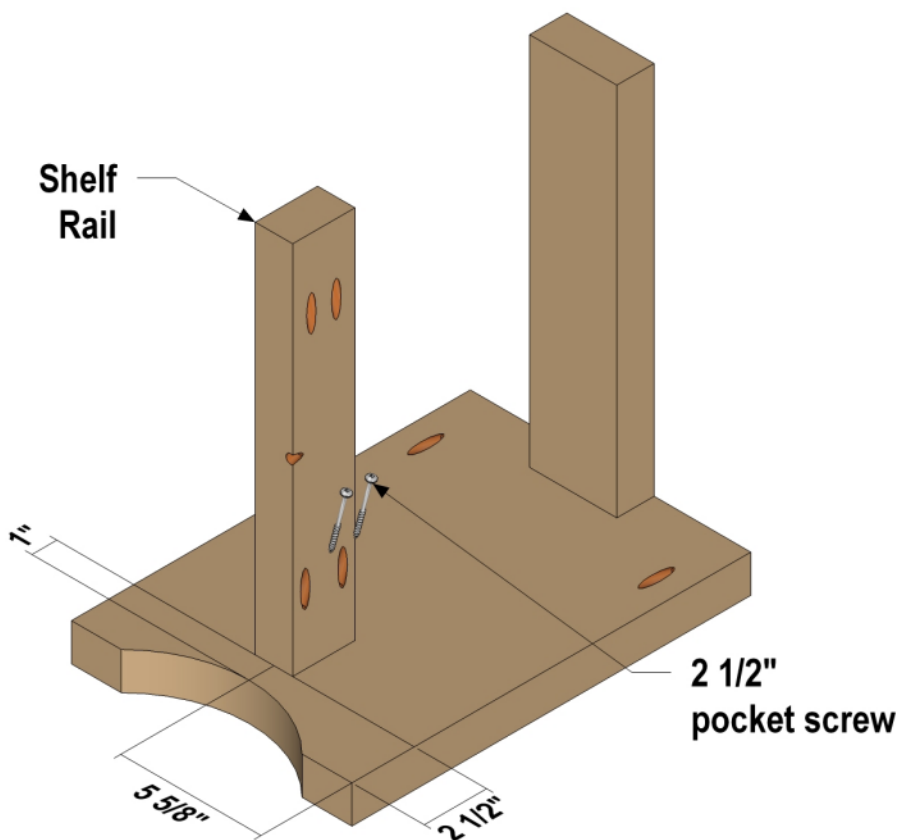


NOTE

Use the layouts for creating the Shelf Rails and Shelves. Set your Kreg Jig and drill bit for 1 1/2" stock. There is one vertical hole drilled on the Shelf Rail. *Note the difference in hole placements on the ends of the parts.*

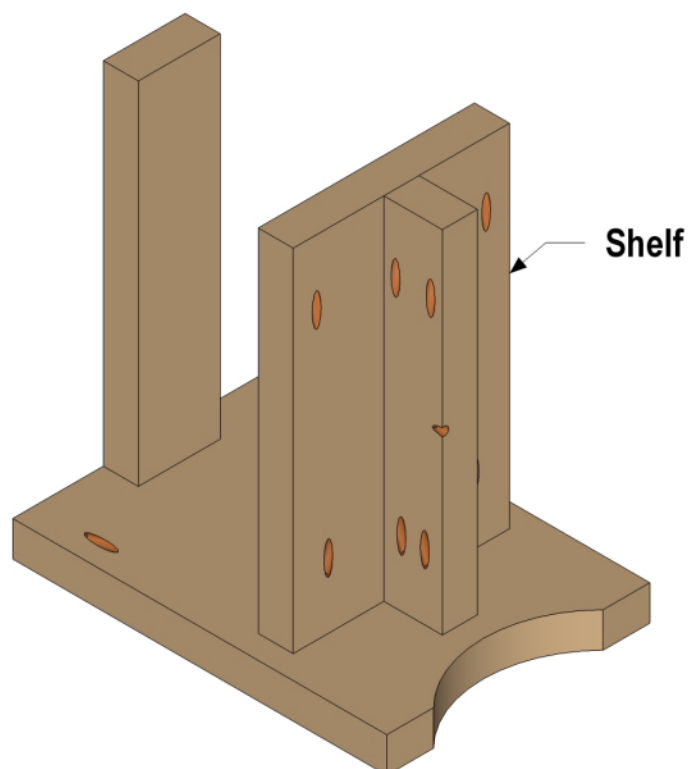
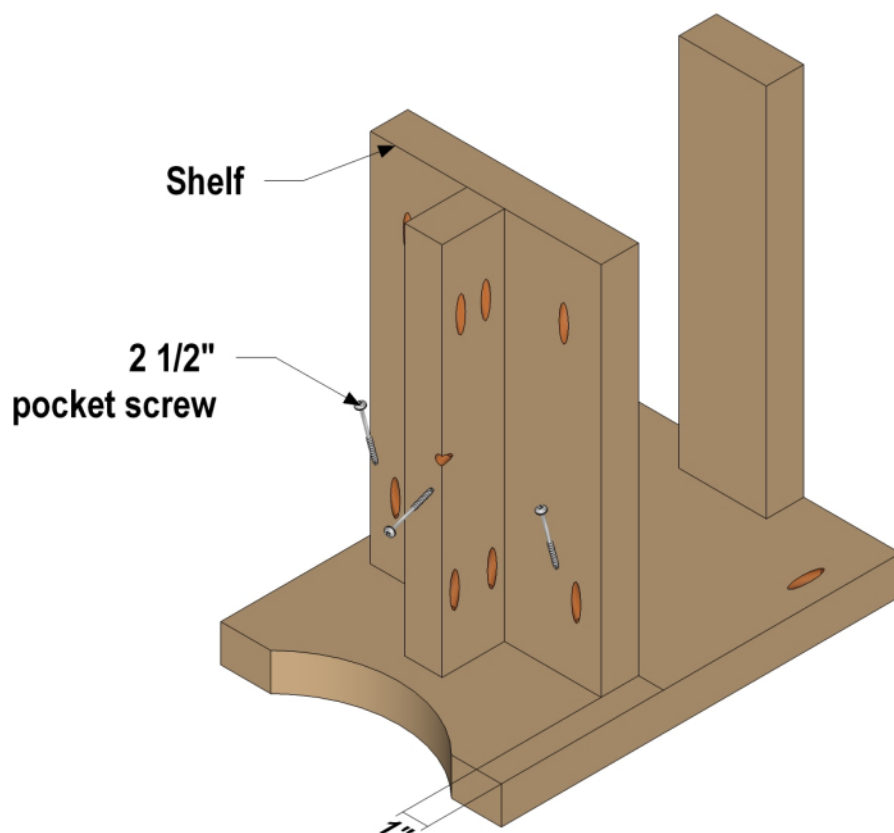
NOTE

Position the parts as shown and attach using glue and 2 1/2" pocket hole screws. The Shelf Rails are attached to the two assemblies created earlier. Notice how the parts are positioned with the pocket hole orientation.



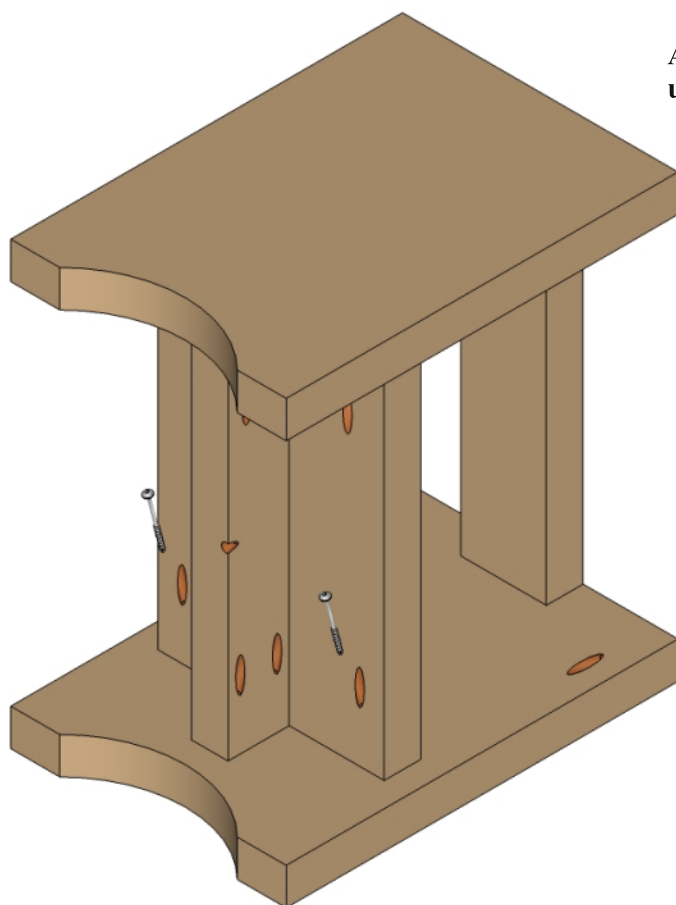


Position the parts as shown and attach using glue and 2 1/2" pocket hole screws. Notice how the parts are positioned with the pocket hole orientation.



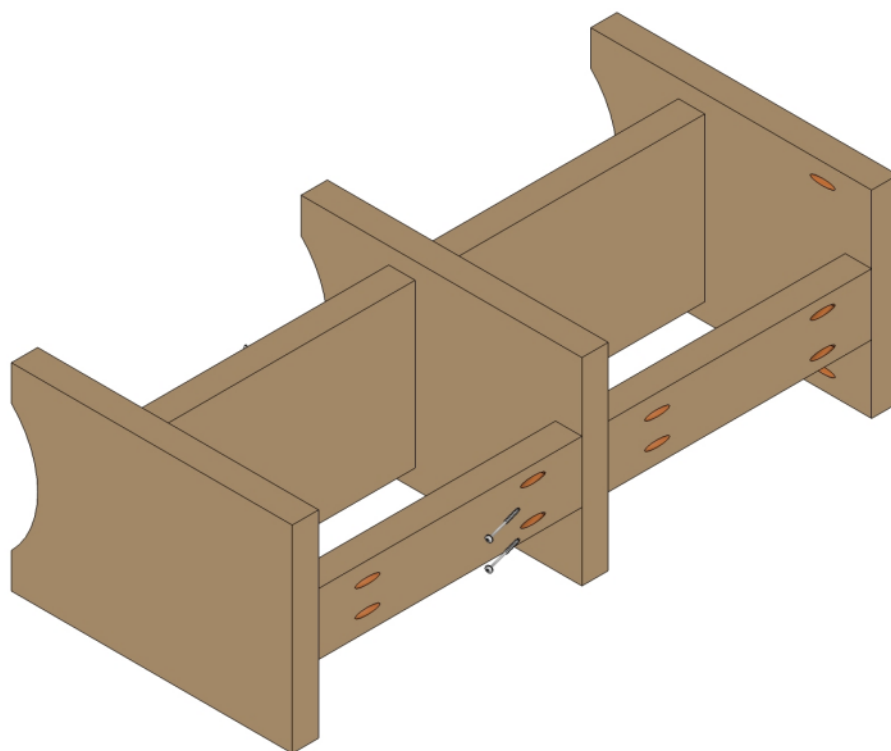
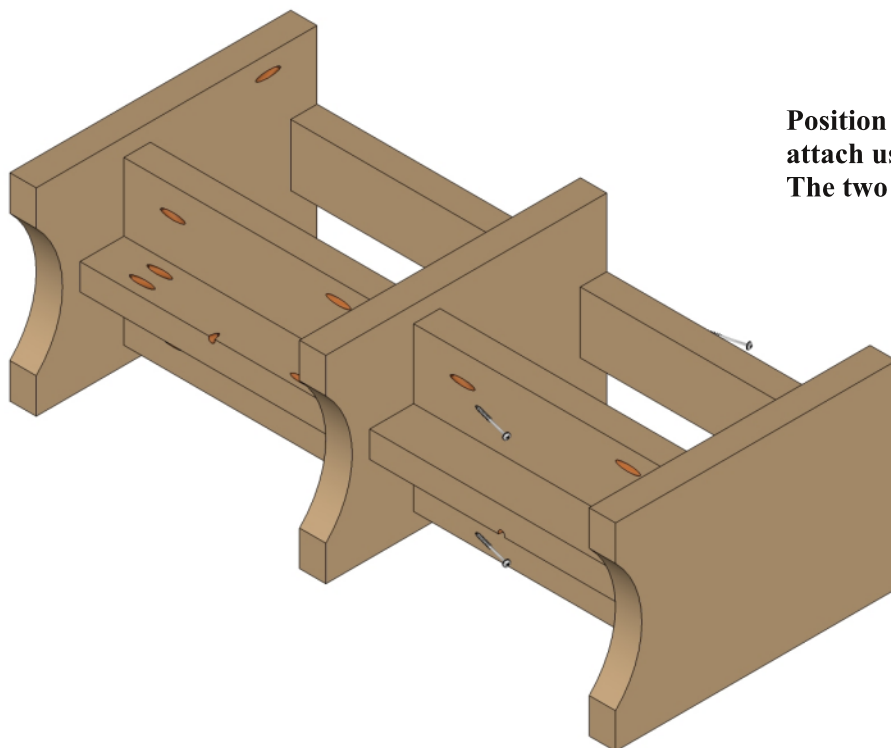


Attach the remaining Leg to one of the assemblies using glue and 2 1/2" pocket hole screws.





Position the other Leg assembly as shown and attach using glue and 2 1/2" pocket hole screws. The two figures show both sides of the assembly.



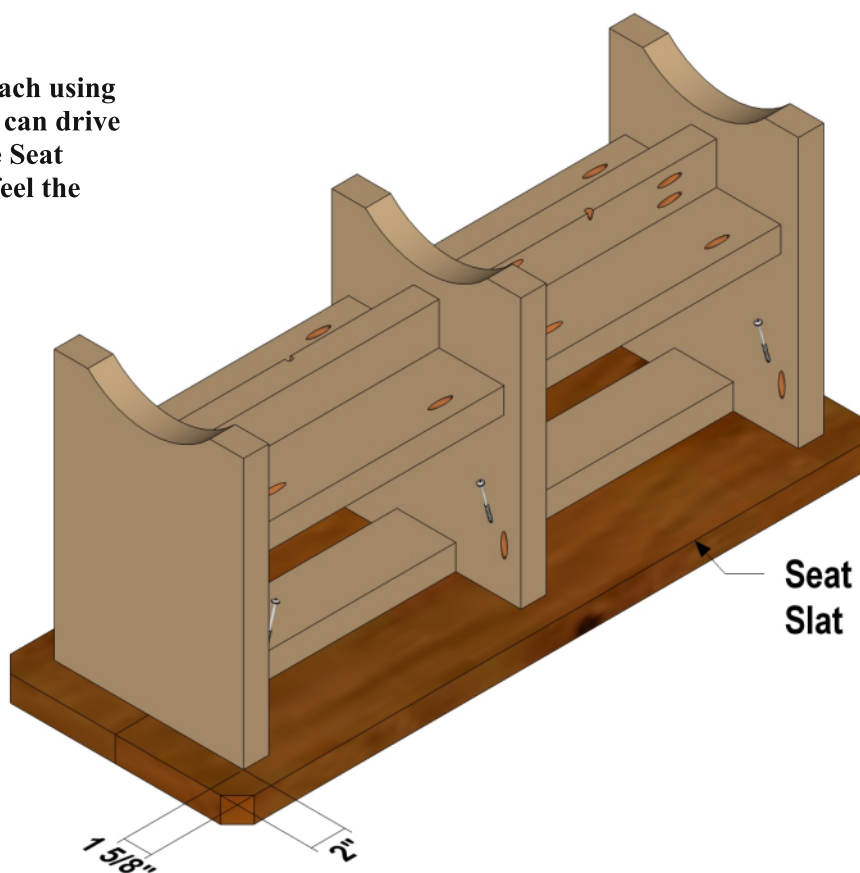
Seat Slat



 **NOTE** Use the layout to create the Seat Slats.

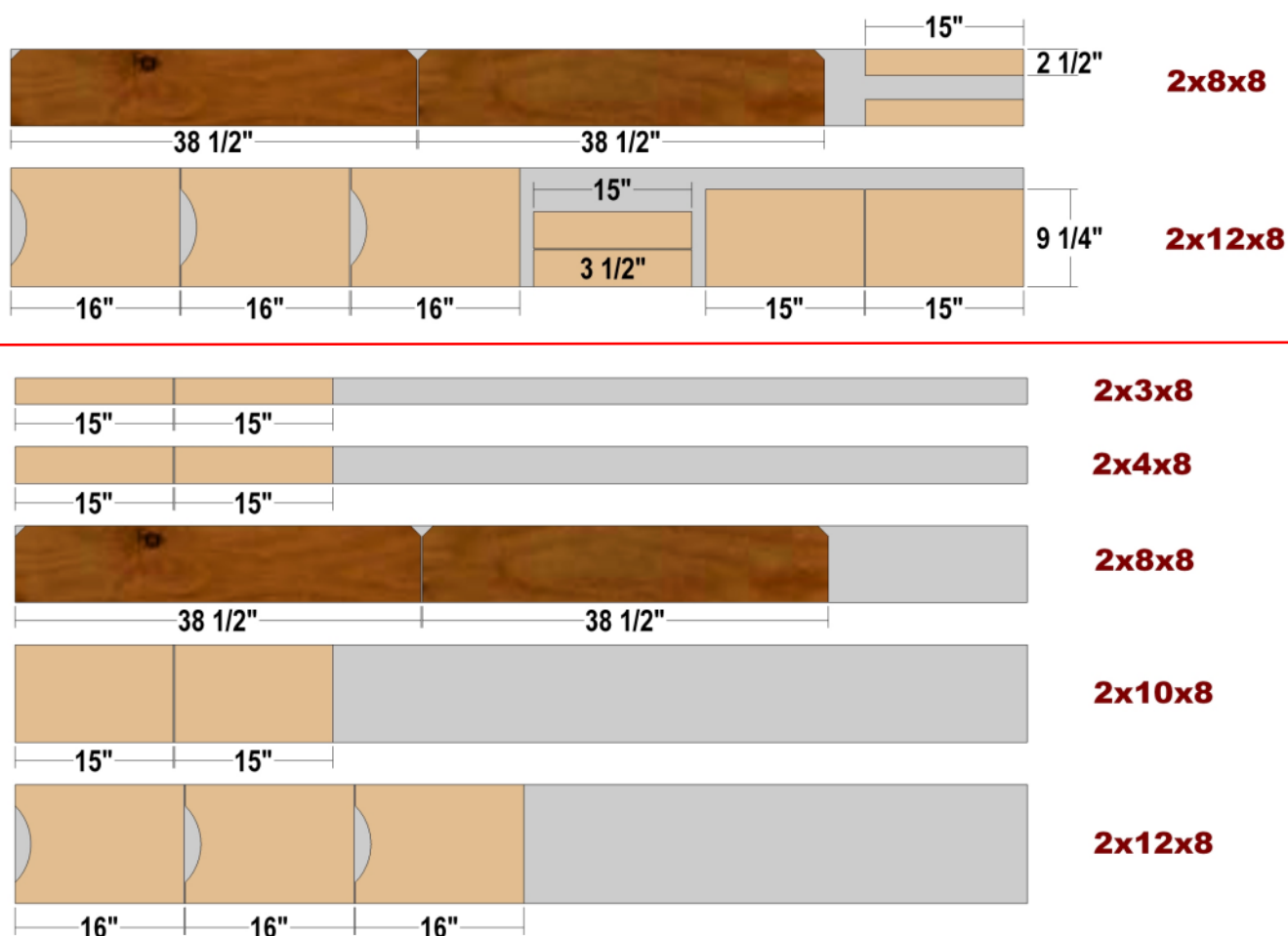
NOTE

Position the Seat Slats as shown and attach using glue and 2 1/2" pocket hole screws. You can drive addition 2 1/2" deck screws through the Seat Slats and into the Seat Supports if you feel the need.





CUTTING DIAGRAM

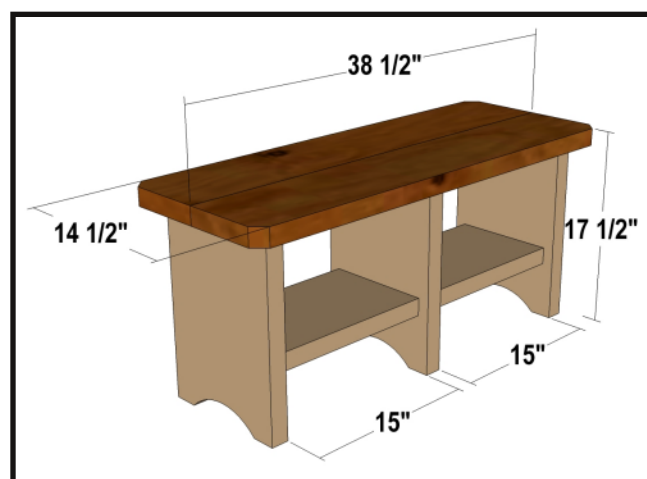


PARTS

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TAKE CARE!

Follow **ALL SAFETY GUIDELINES AND RECOMMENDATIONS** provided by the manufacturers of your tools, and any chemicals such as glue and finishes you use in this project. **YOU** are responsible for your safety, so use common sense when working in the shop!