

CHIEF'S SHOP PLAN OF THE WEEK

CLUB CHAIR



ABOUT THESE PLANS

On this first page you will see above the project complete. On one of the last two pages 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 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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WHAT YOU'LL NEED



LUMBER

2 - 5/4x6x8 decking
3 - 2x4x8
4 - 2x6x8
(availability will vary)

HARDWARE/SUPPLIES

3" deck screws
Kreg 2 1/2" pocket hole screws
2 1/2" deck screws
2" deck screws
Kreg 1 1/2" pocket hole screws
wood glue, wood filler,
pocket hole plugs, choice of finish

TOOLS

table saw, miter saw, jigsaw
sander/belt sander
drill/driver, with right-angle attachment
Kreg Jig
clamps
square, compass



NOTE

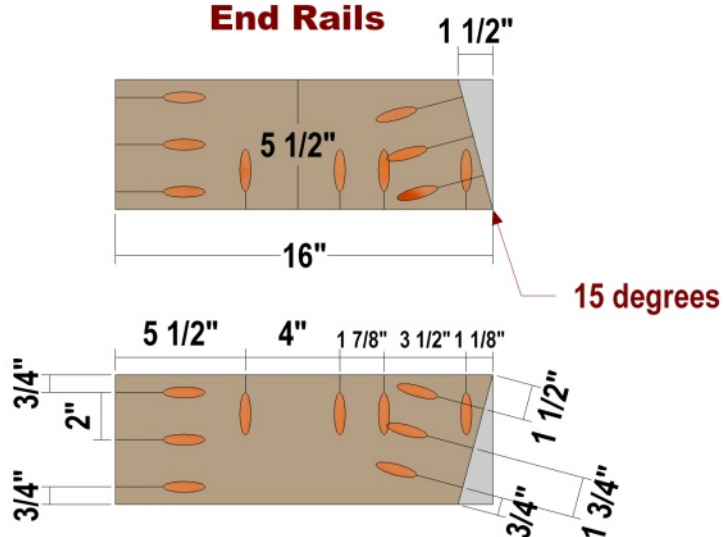
Apply exterior-rated glue to all mating parts.

PARTS

end rails (2) - 1 1/2 x 5 1/2 x 16
back supports (2) - 1 1/2 x 5 1/2 x 39 1/4
front legs (2) - 1 1/2 x 5 1/2 x 17 9/16
support legs (2) - 1 1/2 x 5 1/2 x 53 5/8
stretcher (1) - 1 1/2 x 2 1/2 x 20
rear rail (1) - 1 1/2 x 3 1/2 x 19
front rail (1) - 1 1/2 x 5 1/2 x 22
storage slats (4) - 1 1/2 x 5 1/2 x 22
arm supports (6) - 1 1/2 x 3 1/2 x 10
top back slat (1) - 1 x 3 1/8 x 19
back slats (3) - 1 x 5 1/2 x 21 7/8
front seat slat (1) - 1 x 5 1/2 x 25
long seat slat (1) - 1 x 5 1/2 x 25
short seat slats (2) - 1 x 5 1/2 x 22
arms (2) - 1 1/2 x 3 1/2 x 32
brackets (6) - 1 1/2 x 2 x 2 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.

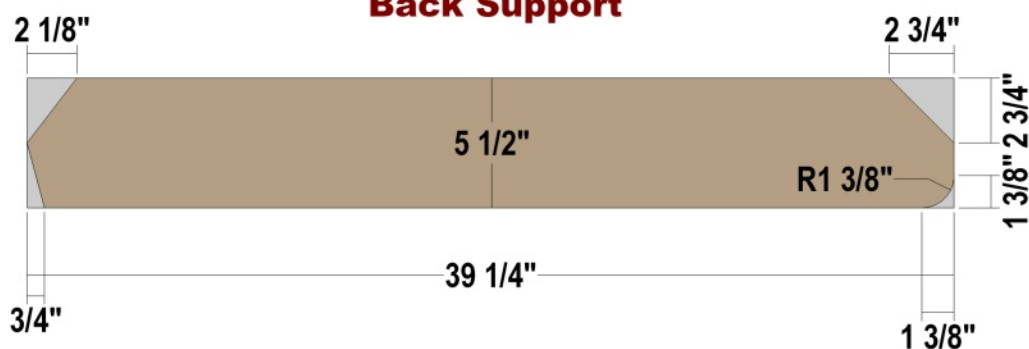
End Rails



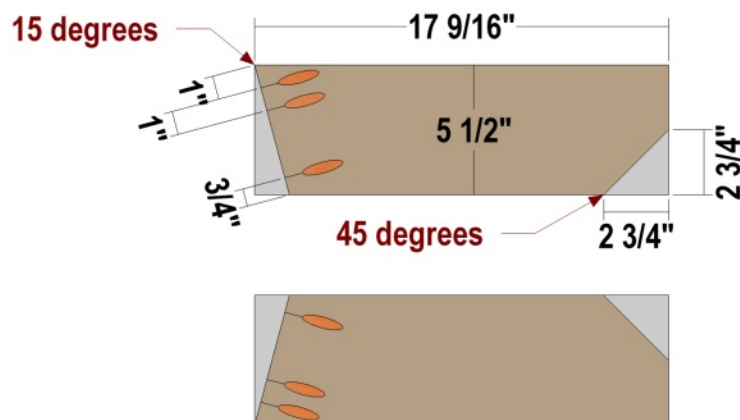
NOTE

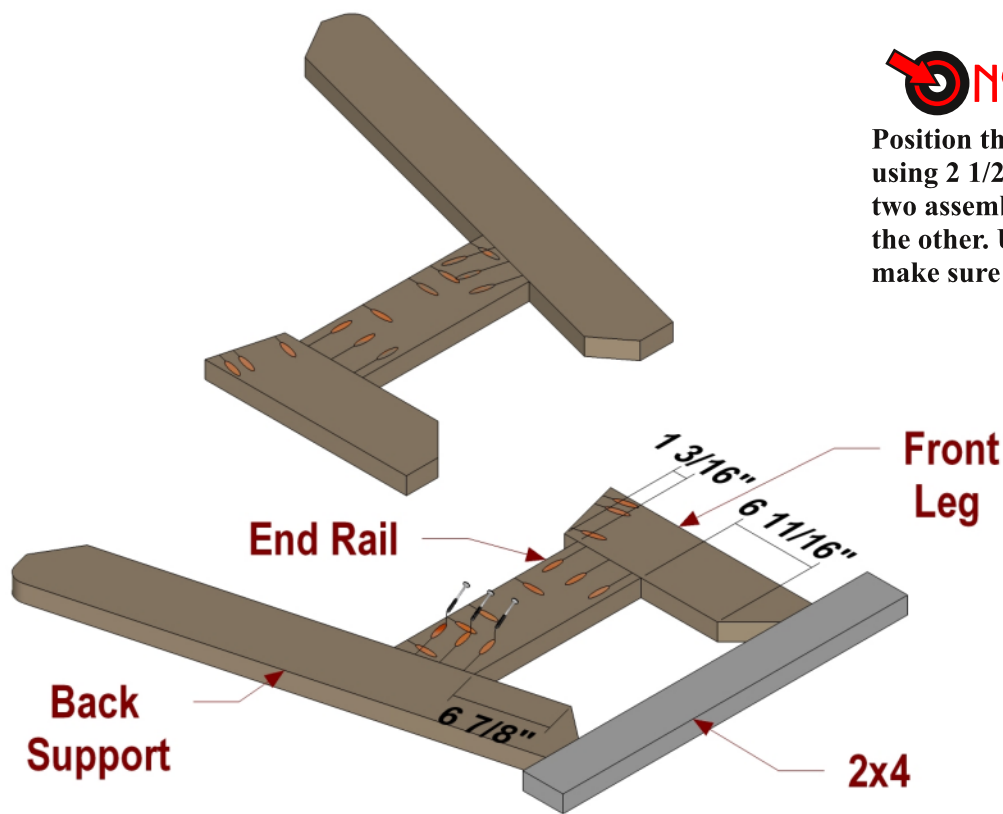
Use the layouts for creating the End Rails, Back Supports, and Front Legs. Set your Kreg Jig and drill bit for 1 1/2" stock for the pocket holes on the ends of the Rails, and 1" stock for the pocket holes on the edges of the End Rails and ends of the Legs. Create one of each layout for the Rails and Legs and two of the Back Supports.

Back Support

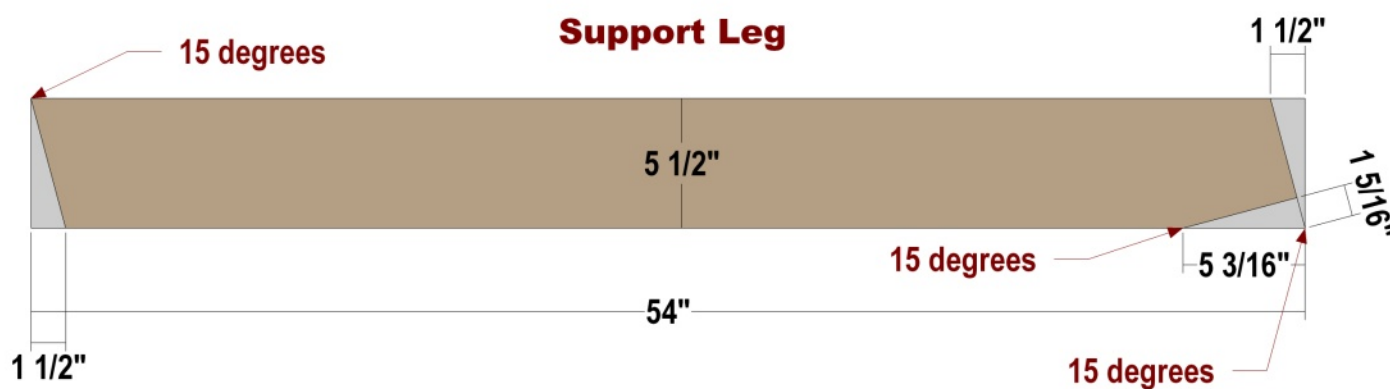


Front Legs

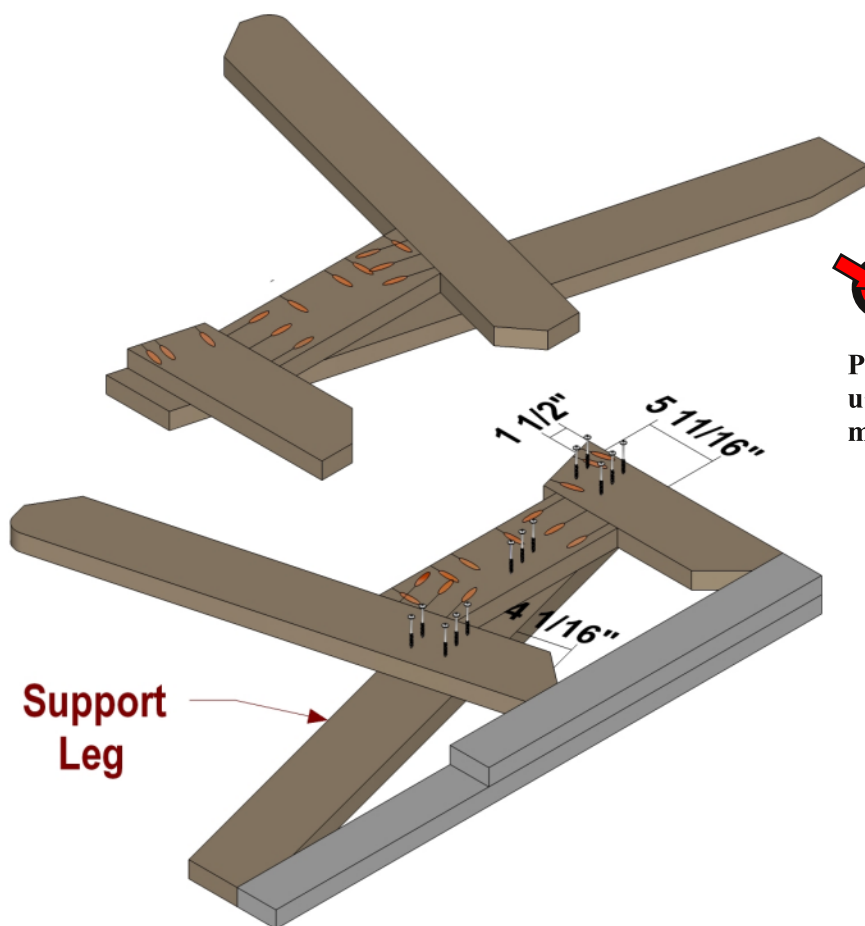




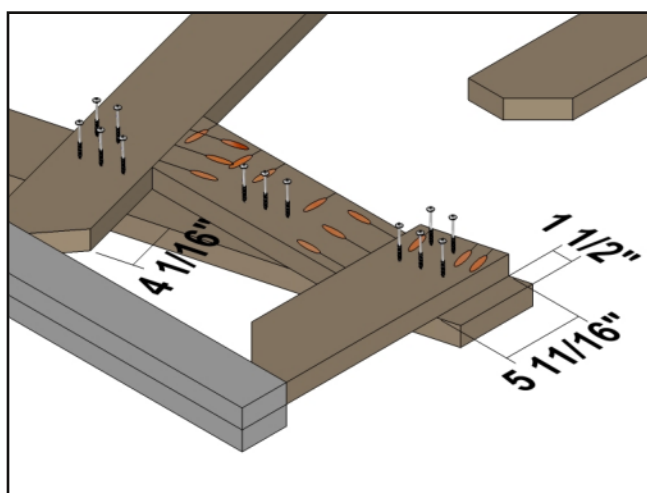
Position the parts as shown, and attach using 2 1/2" pocket hole screws. Create two assemblies, one as a mirror image of the other. Use a scrap piece of 2x4 to make sure the parts are in line.



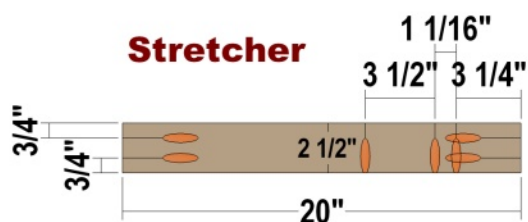
Use the layout for creating the Support Legs.



NOTE
Position the parts as shown, and attach using 2 1/2" deck screws. Use scrap 2x4 to make sure the parts are in line.

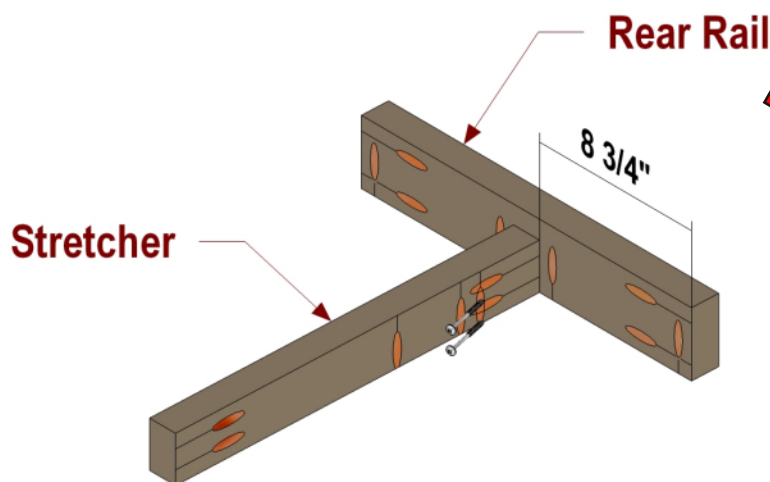
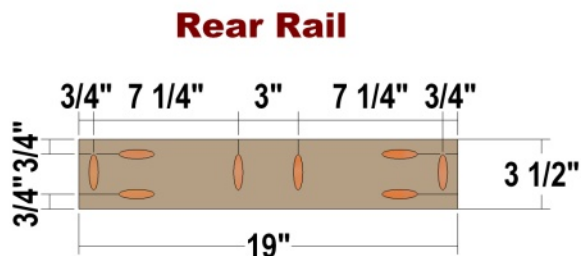


LAYOUT



NOTE

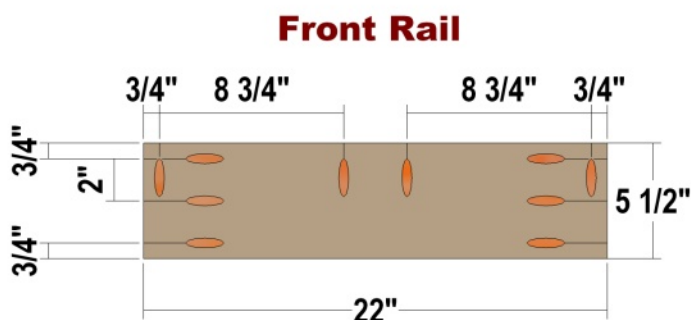
Use the layouts for creating the Stretcher and Rear Rail. Set your Kreg Jig and drill bit for 1 1/2" stock for the pocket holes on the ends, and 1" stock for the pocket holes on the edges.



NOTE

Position the parts as shown, and attach using 2 1/2" pocket hole screws.

LAYOUT

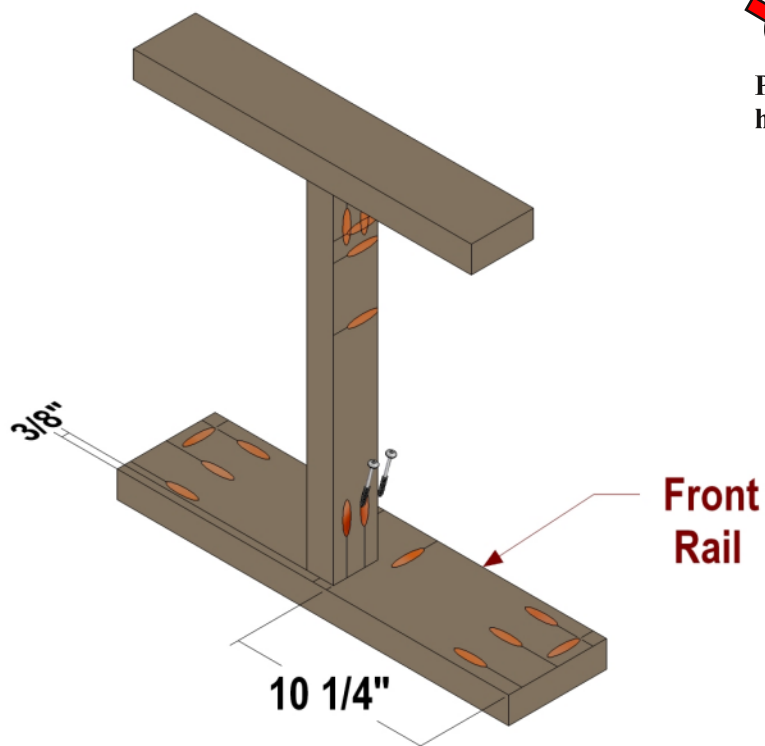


NOTE

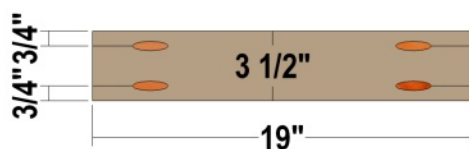
Use the layout for creating the Front Rail. Set your Kreg Jig and drill bit for 1 1/2" stock for the pocket holes on the ends, and 1" stock for the pocket holes on the edges.



Position the parts as shown, and using 2 1/2" pocket hole screws.

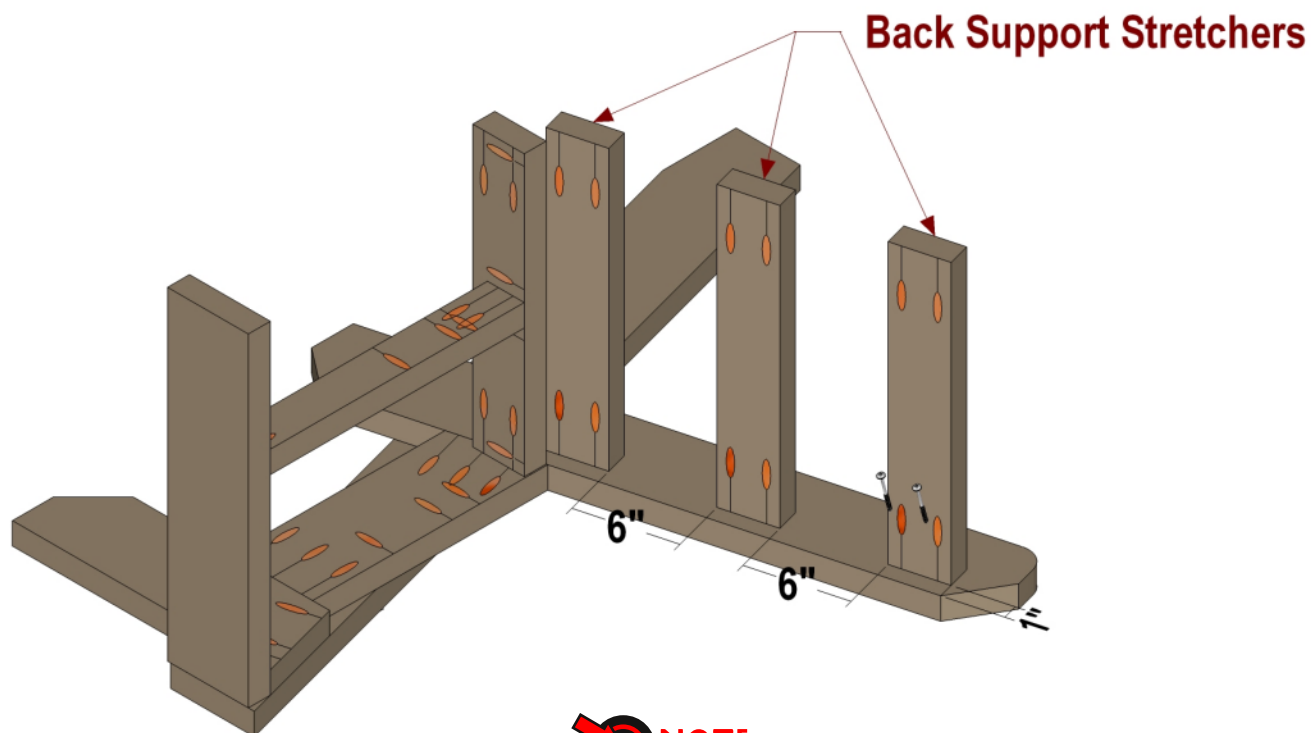


Back Support Stretcher

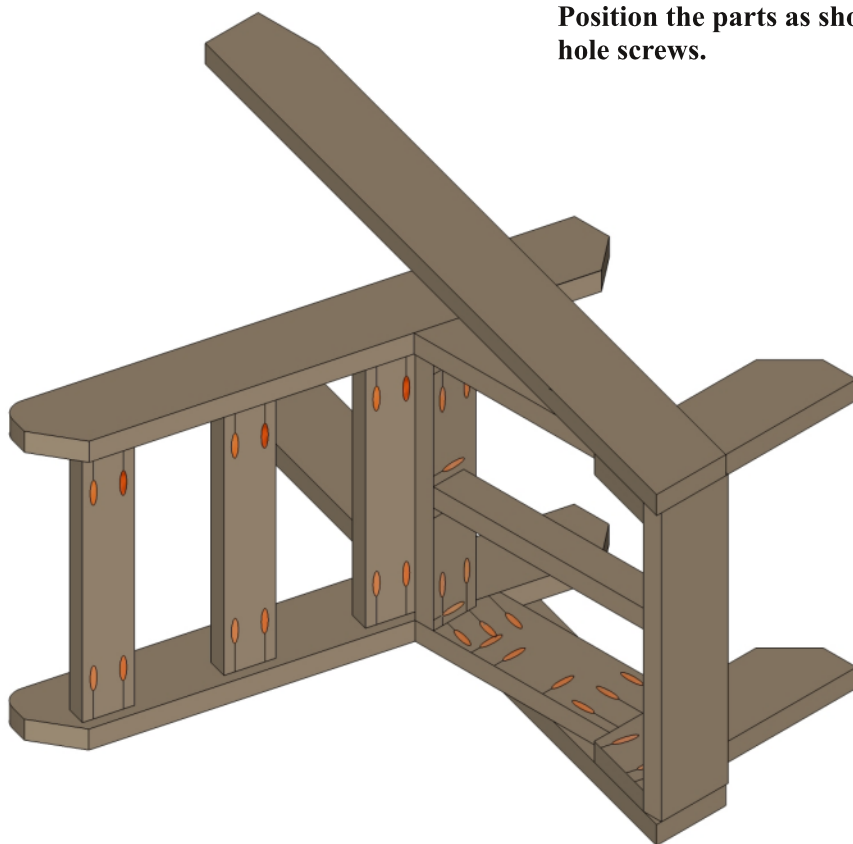


Use the layout for creating the Back Support Stretchers. Set your Kreg Jig and drill bit for 1 1/2" stock for the pocket holes.

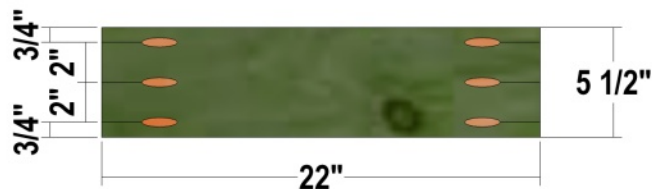
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Position the parts as shown, and attach using 2 1/2" pocket hole screws.



Storage Slat

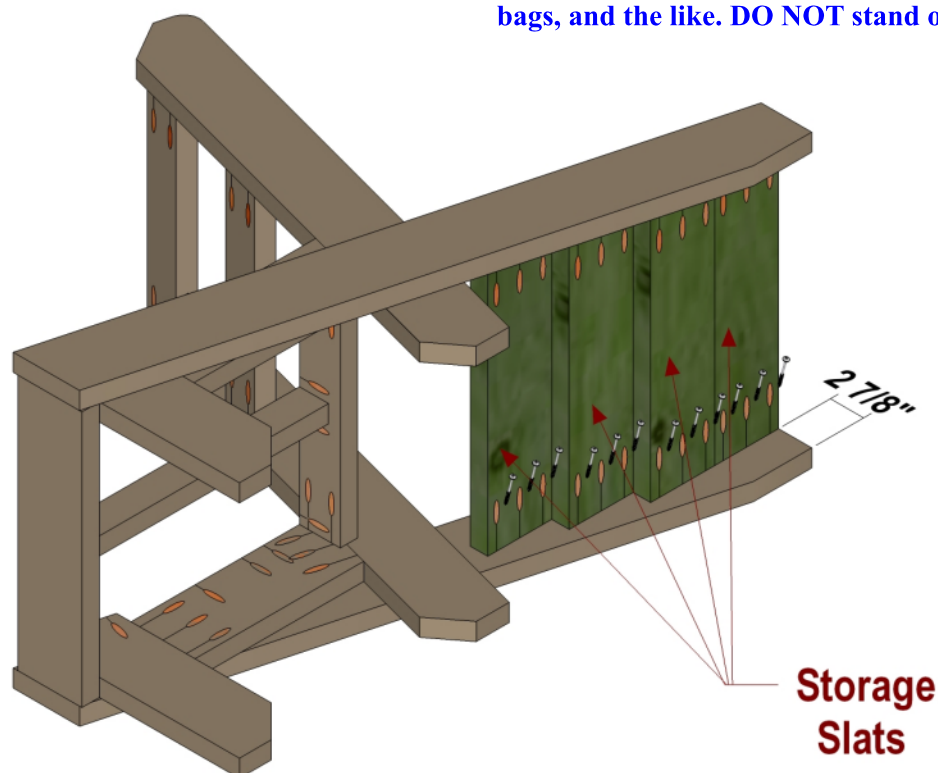


NOTE

Use the layout for creating the Storage Slats. **Set your Kreg Jig and drill bit for 1 1/2" stock for the pocket holes.**

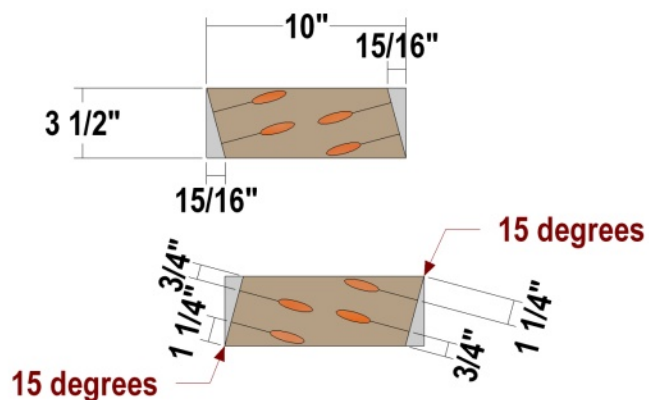
NOTE

Position the parts as shown, and attach using 2 1/2" pocket hole screws. Attach the outermost Slat first, the second flush with the first, and the third and fourth offset as shown. **CAUTION: These slats are to be used for storage of small coolers, backpacks, tote bags, and the like. DO NOT stand on them.**



Storage
Slats

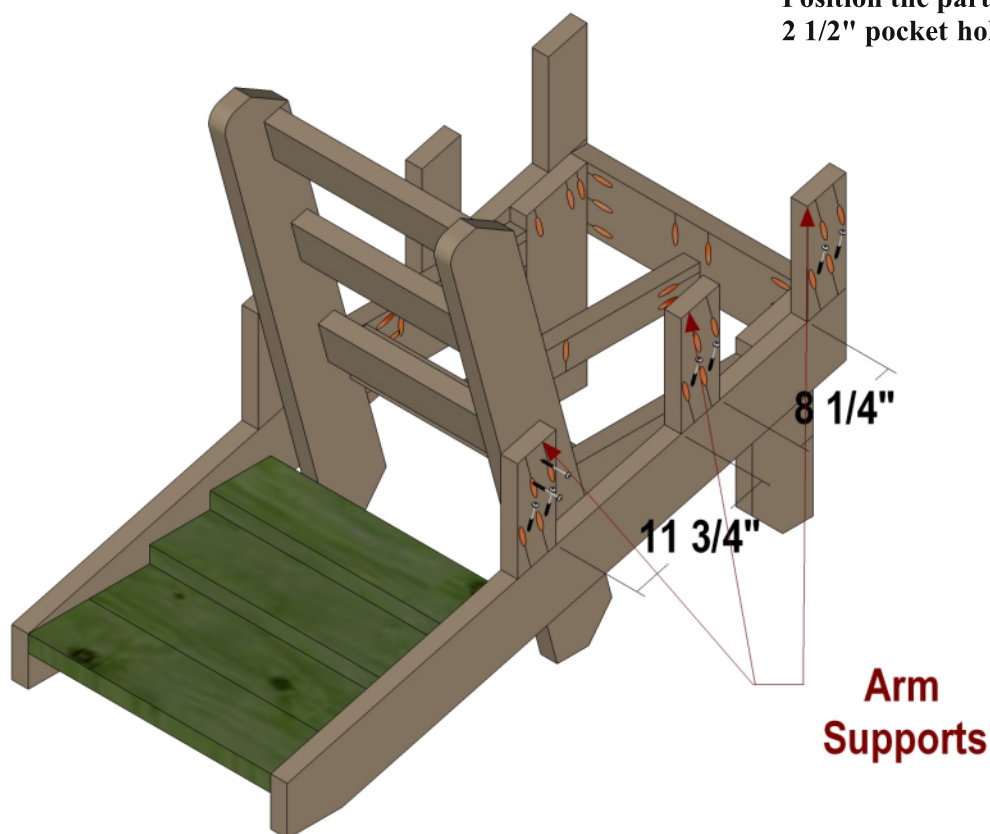
Arm Supports



Use the layout for creating the Arm Supports. Set your Kreg Jig and drill bit for 1 1/2" stock for the pocket holes.



Position the parts as shown, and attach using 2 1/2" pocket hole screws.



Top Back Slat

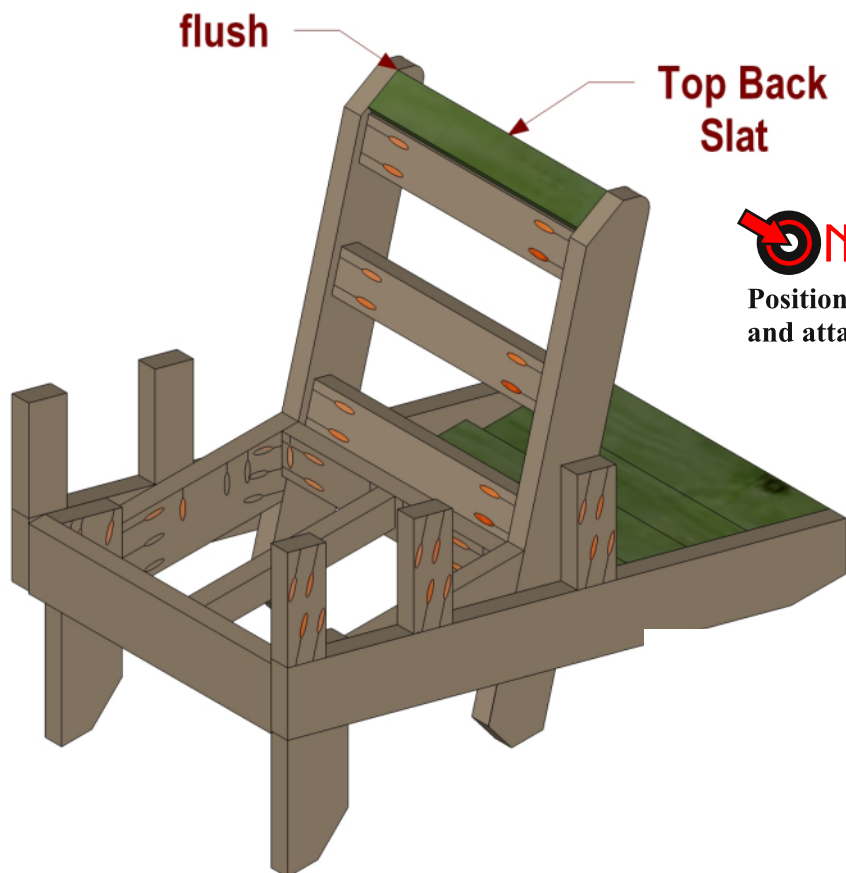


NOTE

Use the layout for creating the Top Back Slat. Set your Kreg Jig and drill bit for 1" stock for the pocket holes.



LAYOUT



NOTE

Position the Top Back Slat assembly as shown, and attach using 1 1/2" pocket hole screws.

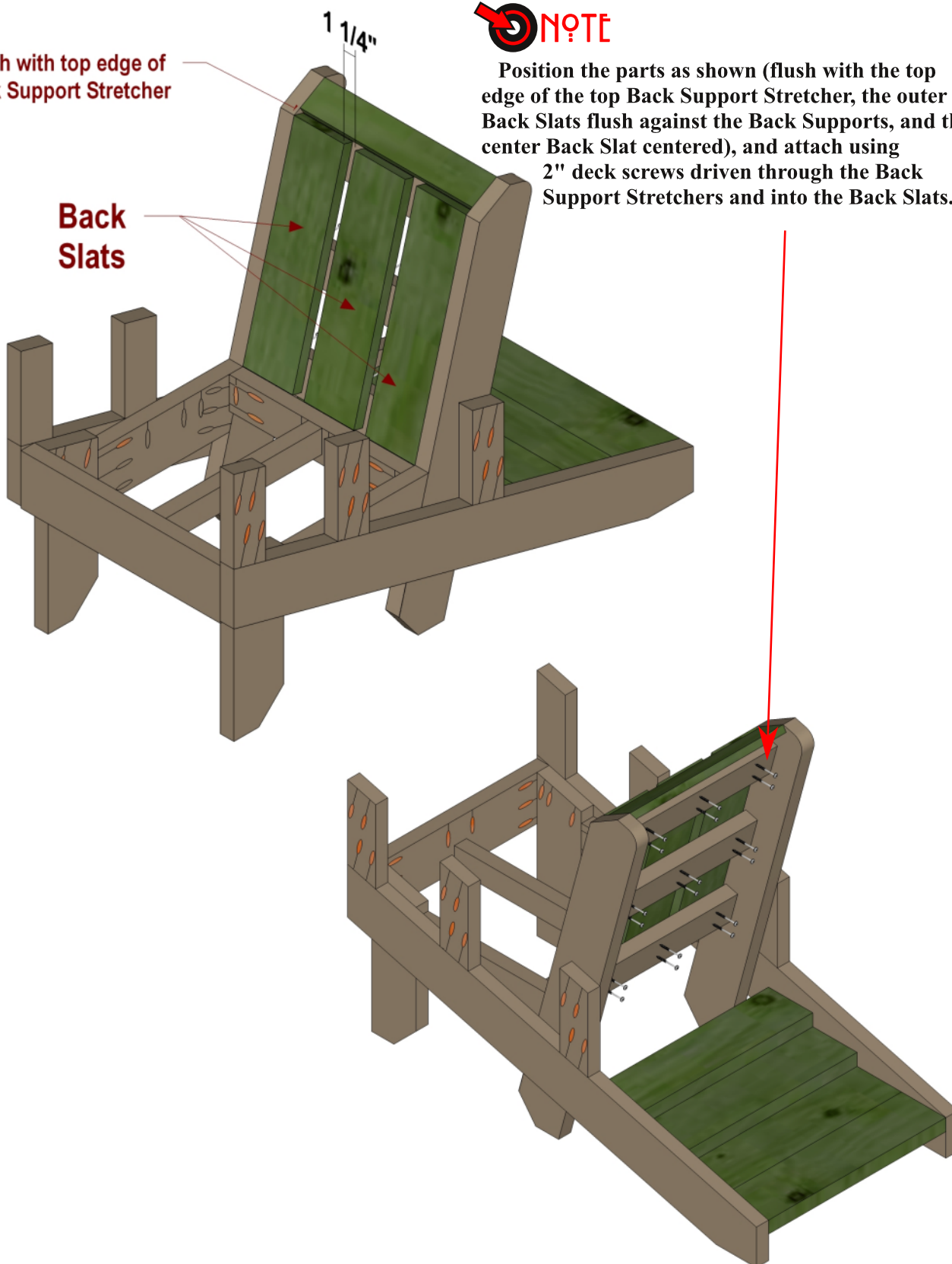




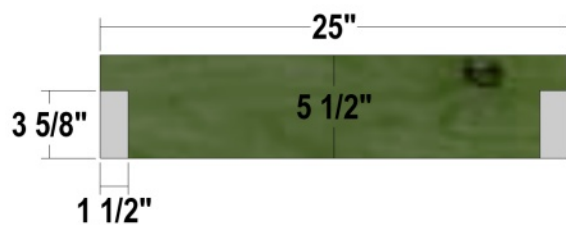
NOTE
Position the parts as shown (flush with the top edge of the top Back Support Stretcher, the outer Back Slats flush against the Back Supports, and the center Back Slat centered), and attach using 2" deck screws driven through the Back Support Stretchers and into the Back Slats.

flush with top edge of
top Back Support Stretcher

Back
Slats



Front Seat Slat

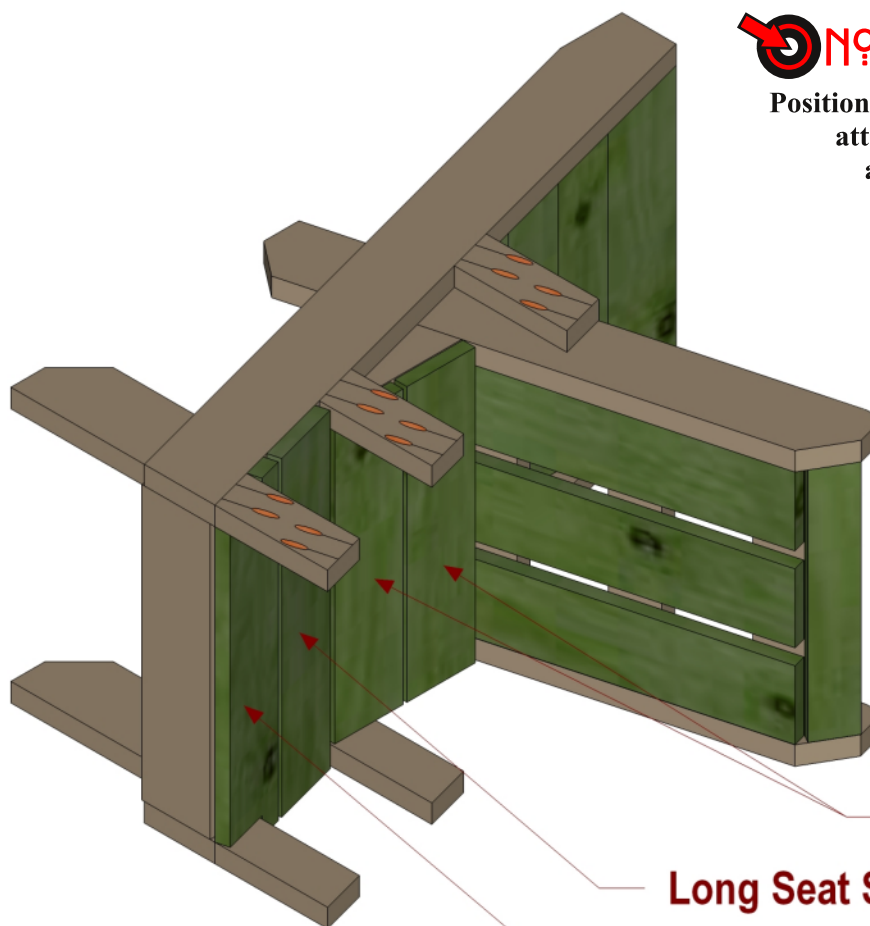


NOTE

Use the layout for creating the Front Seat Slat.



LAYOUT



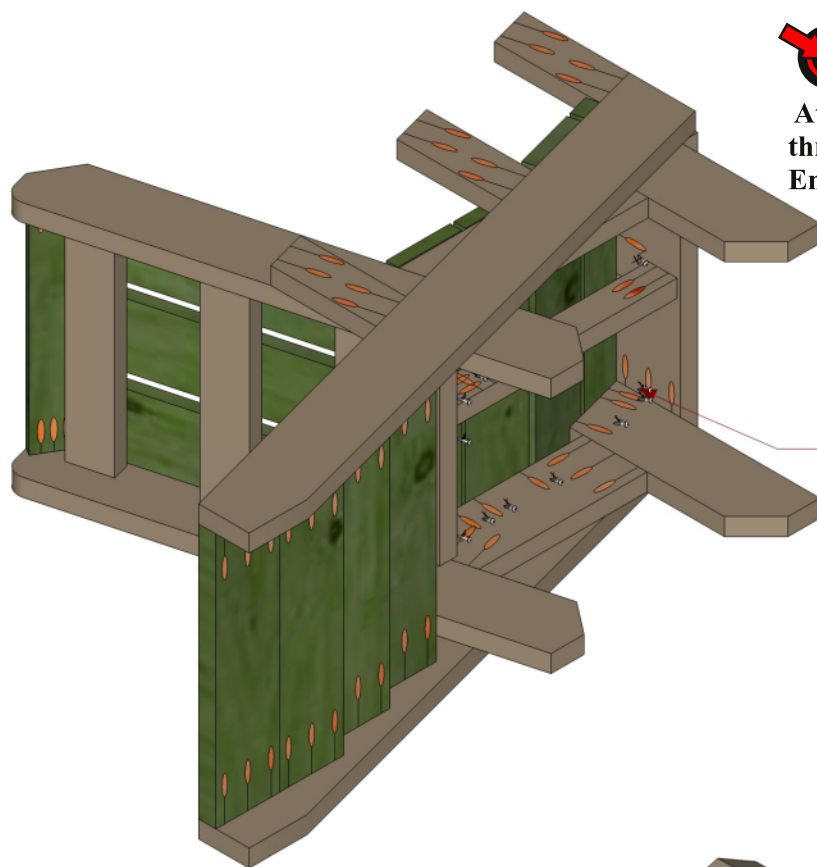
NOTE

Position the Seat Slats as shown, and attach using 1 1/2" pocket hole screws as shown on the next page.

Short Seat Slats

Long Seat Slat

Front Seat Slat

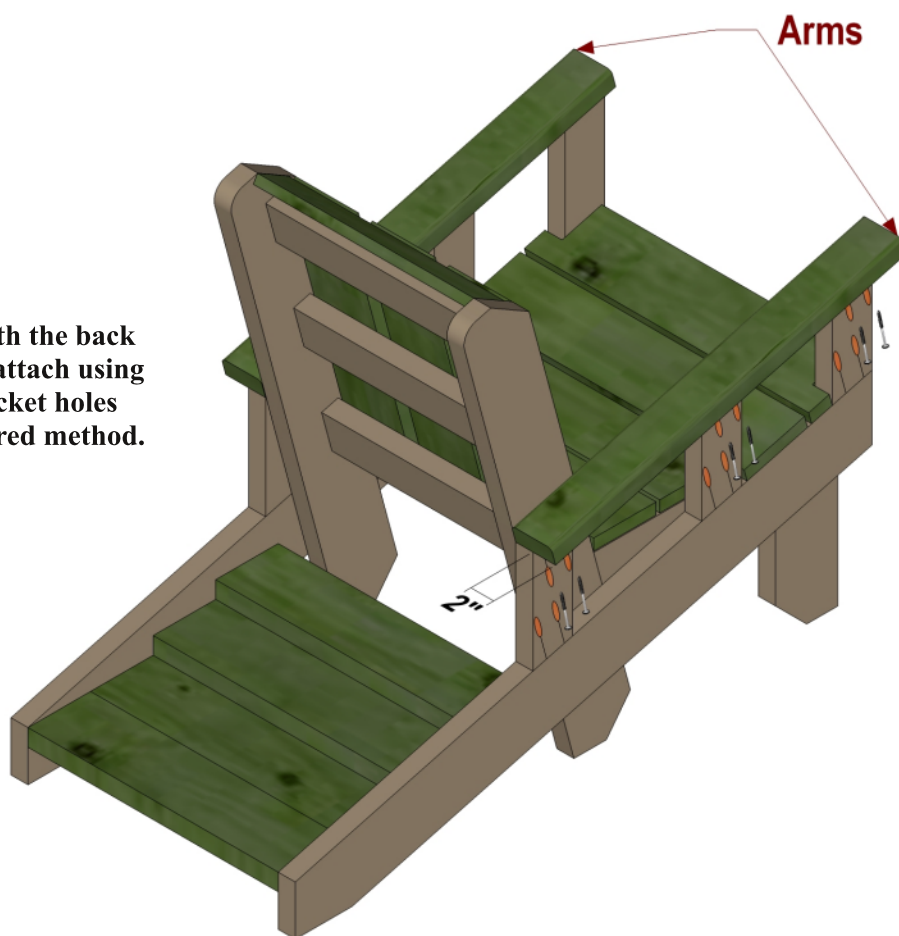


NOTE
Attach using 1 1/2" pocket hole screws driven through the Front Legs, Front Rail, Rear Rail, End Rails, and Stretcher.

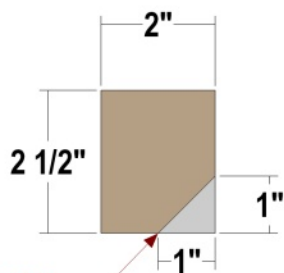
Use a right-angle attachment to drive this screw



NOTE
Position the Arms as shown (flush with the back edge of the back Arm Support), and attach using 2 1/2" pocket hole screws. Fill the pocket holes on the Arm Supports via your preferred method.



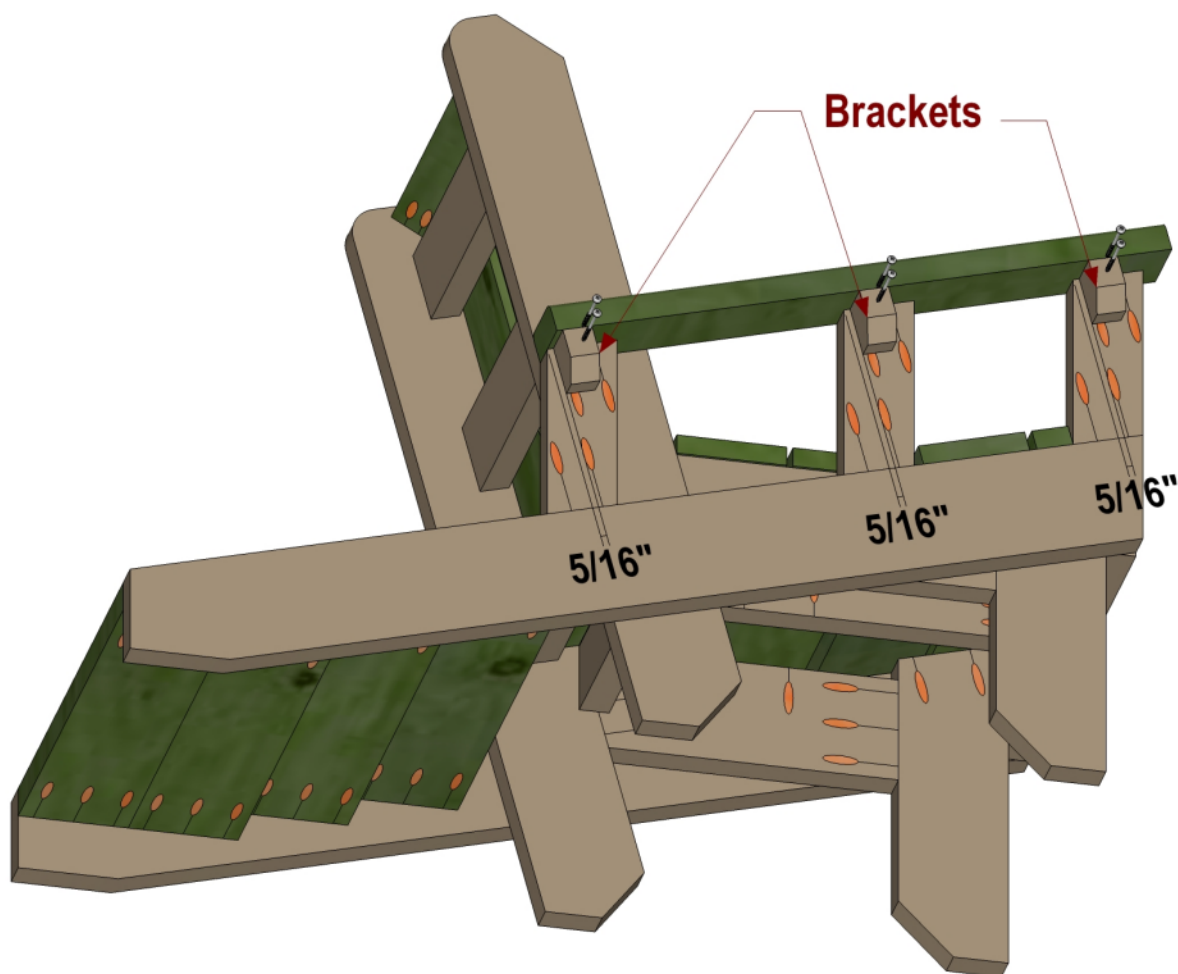
Bracket



Use the layout for creating the Brackets.

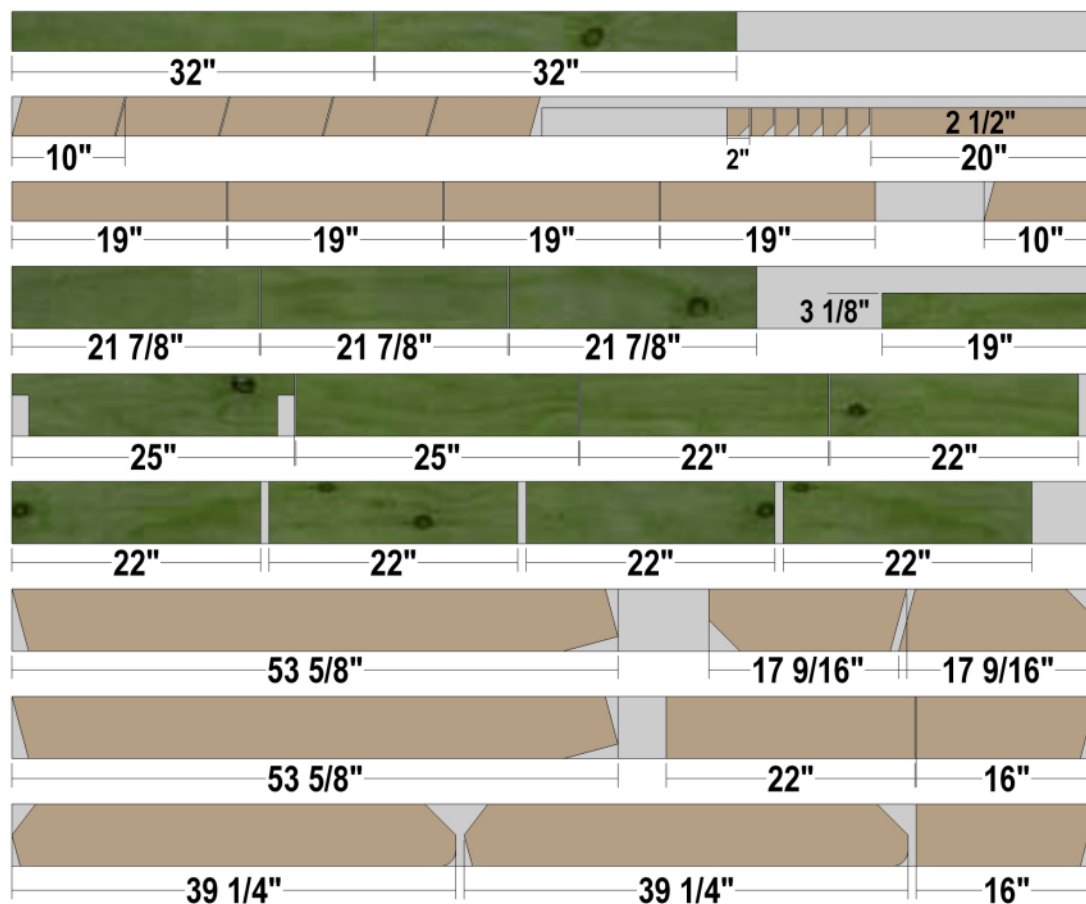


Position the Brackets as shown and attach to the Arm Supports using 3" deck screws. You can also drive 2" deck screws through the Arms and into the Brackets, being careful not drive these screws into the path of the 3" screws.





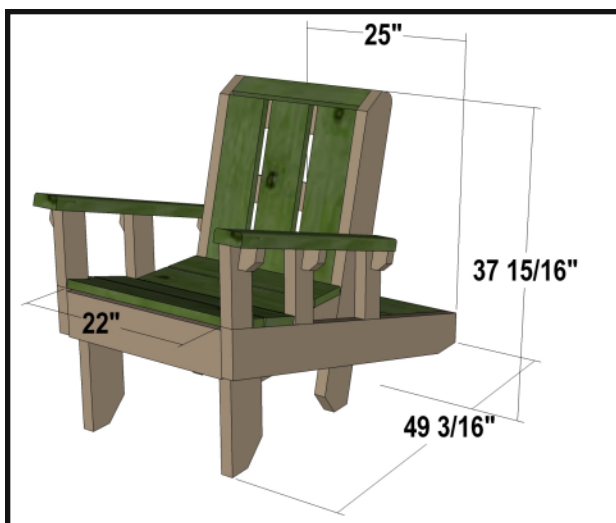
CUTTING DIAGRAM



**2x4x8
(3)**

**5/4x6x8
decking
(2)**

**2x6x8
(4)**



Estimated lumber cost:
starting at \$40 for one

PARTS

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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.



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!