

SWING BED PLANS

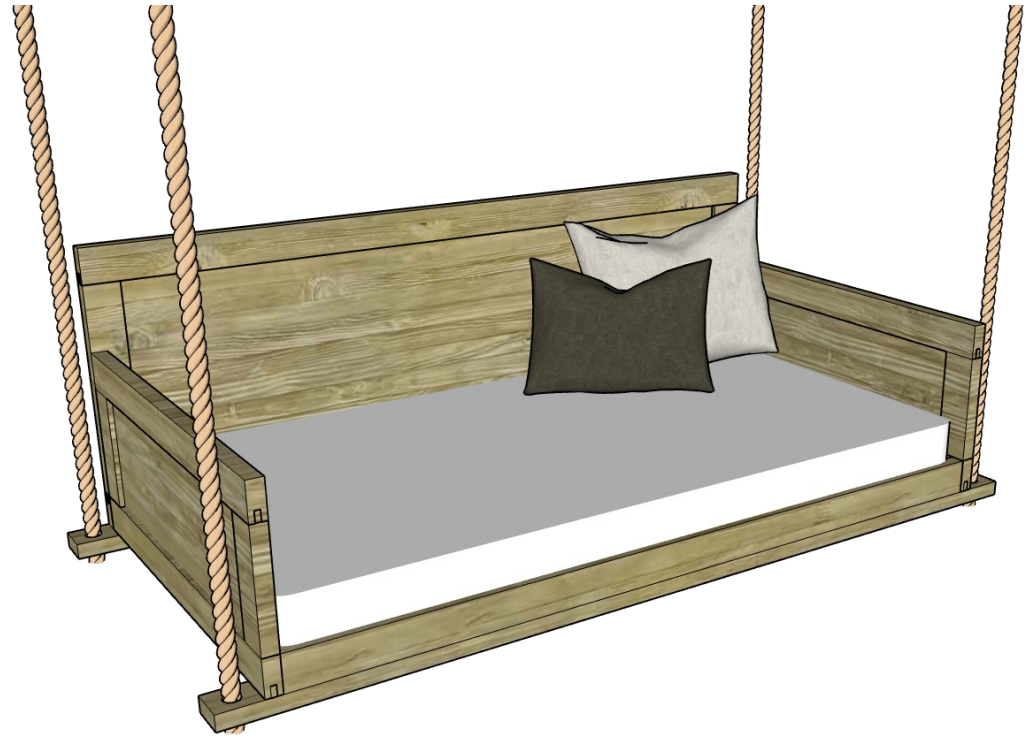


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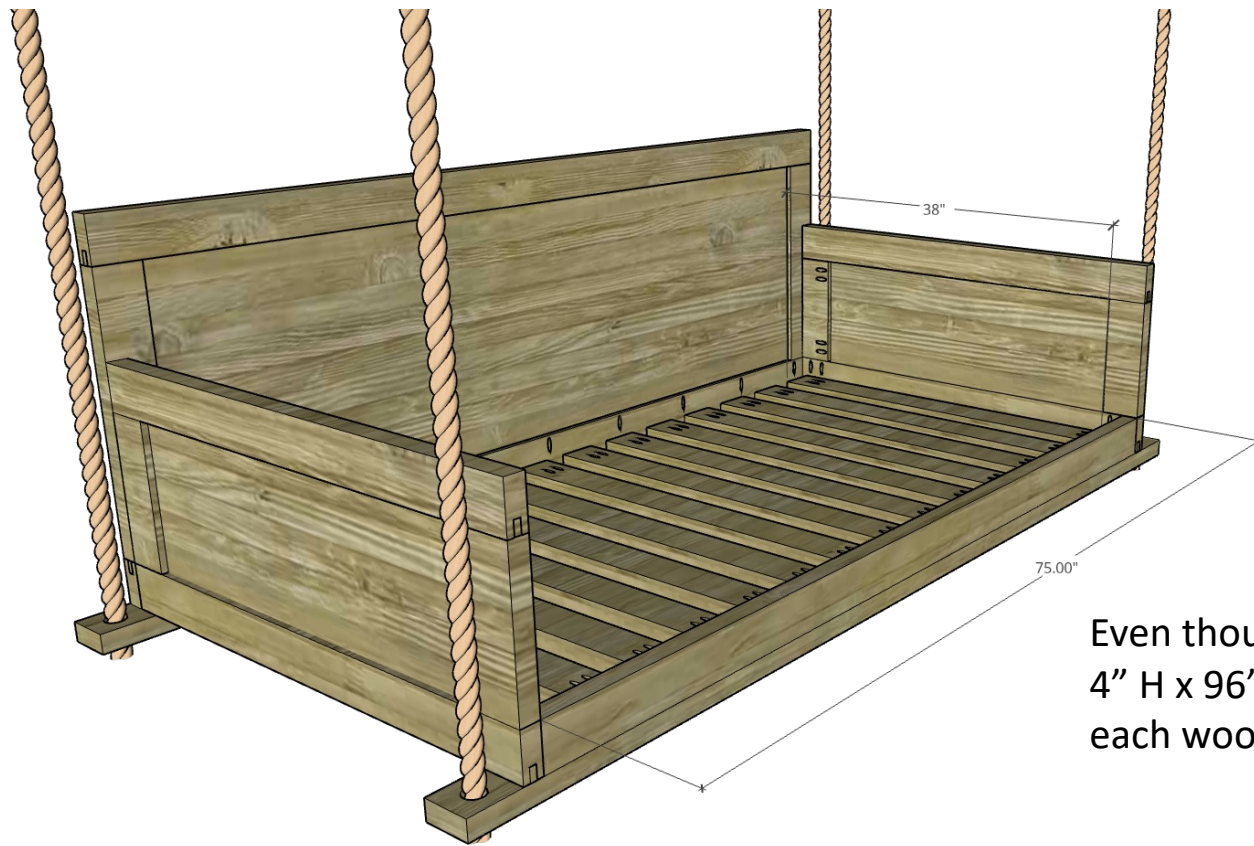
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PLEASE READ!

The overall configuration of this swing bed was designed to fit a twin size mattress.

If you are planning on modifying your swing bed's size – **be sure to make the necessary adjustments!**



Even though the wood is sold as a 2" W x 4" H x 96" L, the true measurements of each wood are 1.5" W X 3.5" H X 96" L.

MASTER MATERIAL LIST

(PART 1)

WOOD

2" X 4" X 96" Prime Wood

1/2" X 4 X 8 Sanded Plywood

QUANTITY

14

1

DETAILS / LINK

Std. Hardware Store

Std. Hardware Store

HARDWARE

Kreg 2 1/2" Pocket Hole Screws

Kreg 2" Pocket Hole Screws

Hangers (Pair)

5/8" Rope

1 1/2" Brad Nails

Wood Glue

Mattress

Paint / Stain

QUANTITY

1

1

1

1

1

1

1

DETAILS / LINK

<https://amzn.to/3BJ39x8>

<https://amzn.to/3qNb8Tz>

<https://amzn.to/3Uasibo>

Varies with height of location

<https://amzn.to/3eSBNfk>

<https://amzn.to/3dfvqSS>

Must be Twin Size

Preferred Color / Brand



MASTER MATERIAL LIST

(PART 2)

TOOLS

Kreg 720 Pro Pocket Hole Jig

Kreg 24" Bar Clamp

Drill

Table Saw

Measuring Tape

3/4" Drill Bit

Nail Gun

Compressor

Safety Glasses

Gloves

Chisel

QUANTITY

1

2

1

1

1

1

1

1

1

1

1

DETAILS / LINK

<https://amzn.to/3RVkSxt>

<https://amzn.to/3L9FCIN>

<https://amzn.to/3O2MWGj>

<https://amzn.to/3Bzepw7>

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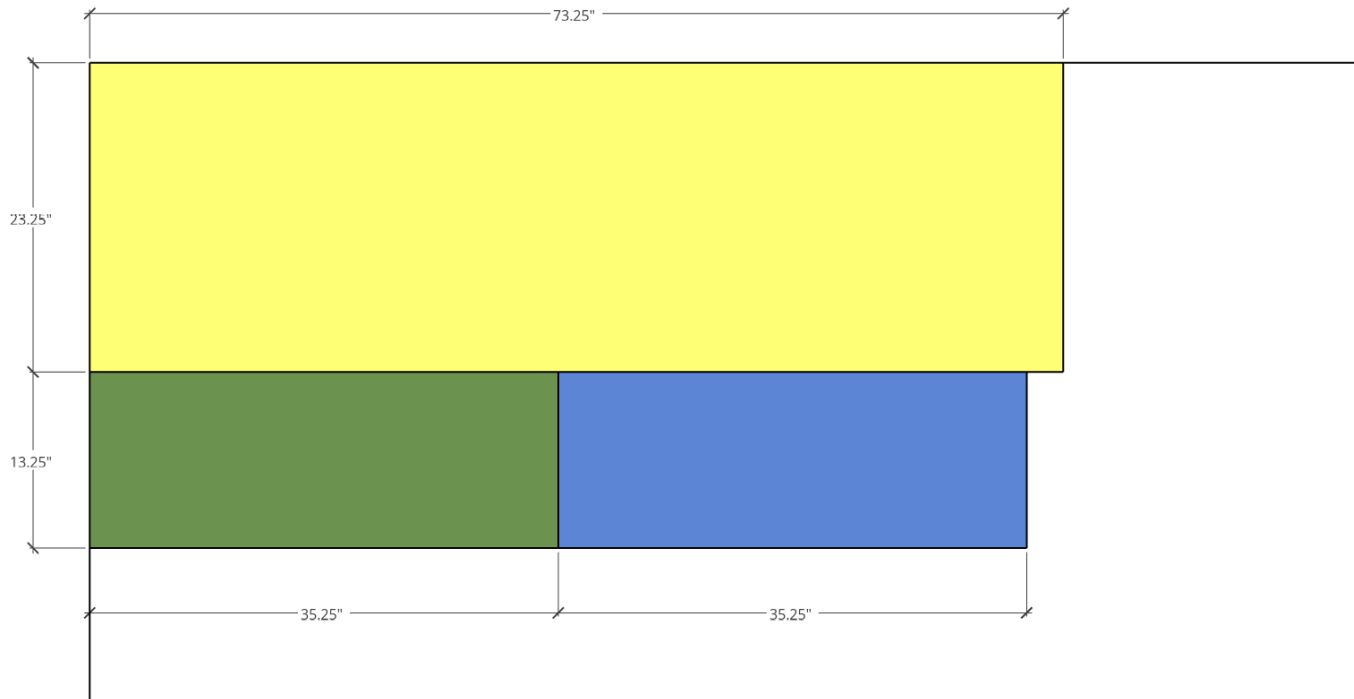
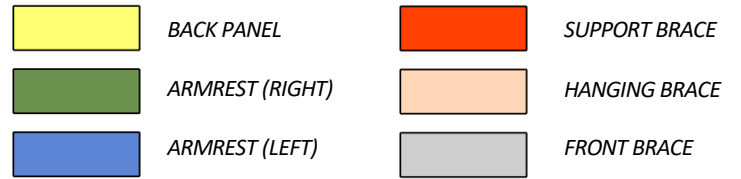
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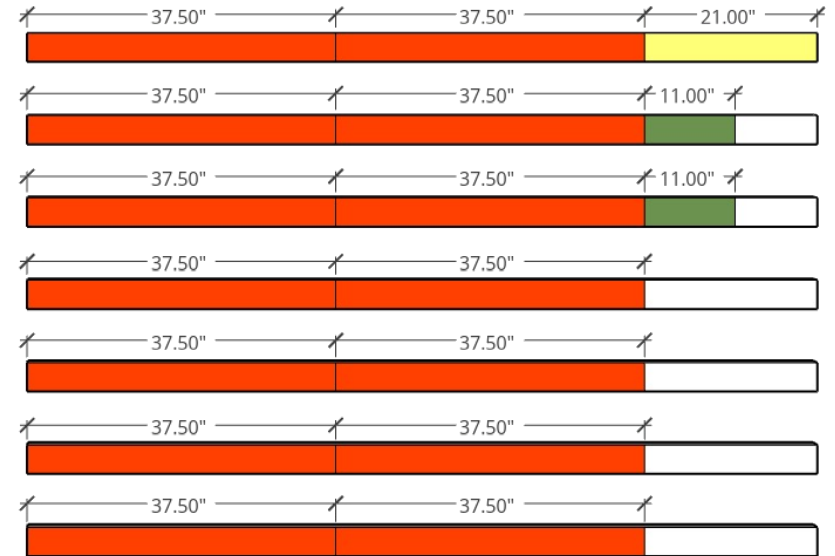
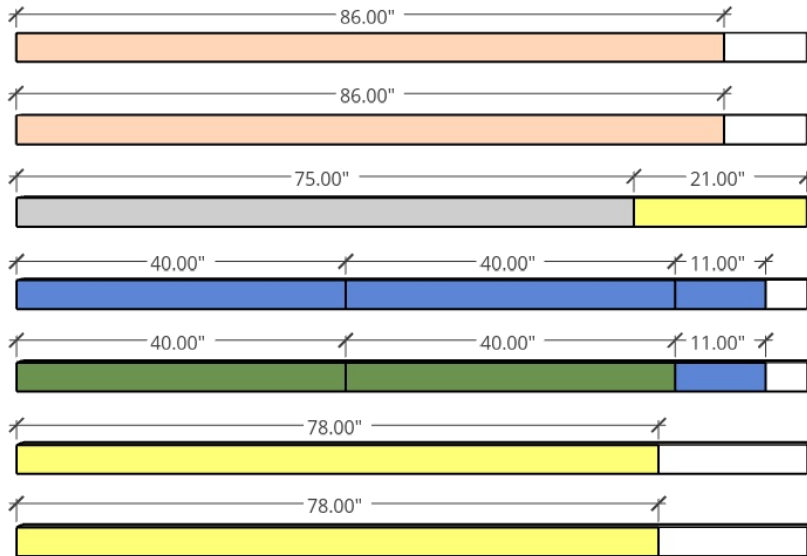
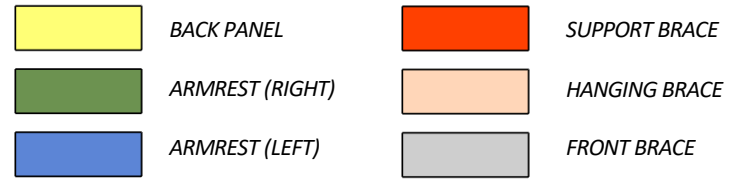
MASTER CUT LIST

(PART 1)

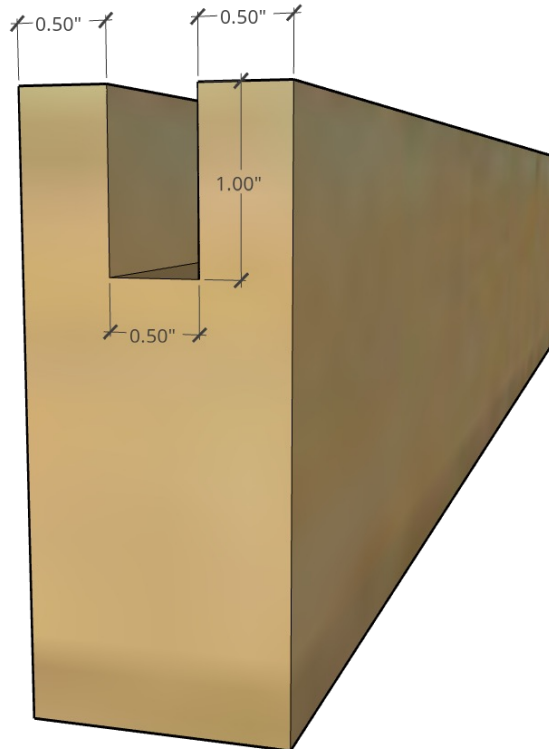


MASTER CUT LIST

(PART 2)



KNOW BEFORE YOU GO



NOTE

Before beginning the assembly, all back panel and armrest panel 2" X 4"s must have a groove created that is ½" wide, and 1" deep.

To do this - Mark the cut on the 2" X 4" and run the wood down a table saw until the desired groove is achieved. Remove any excess wood with a chisel.

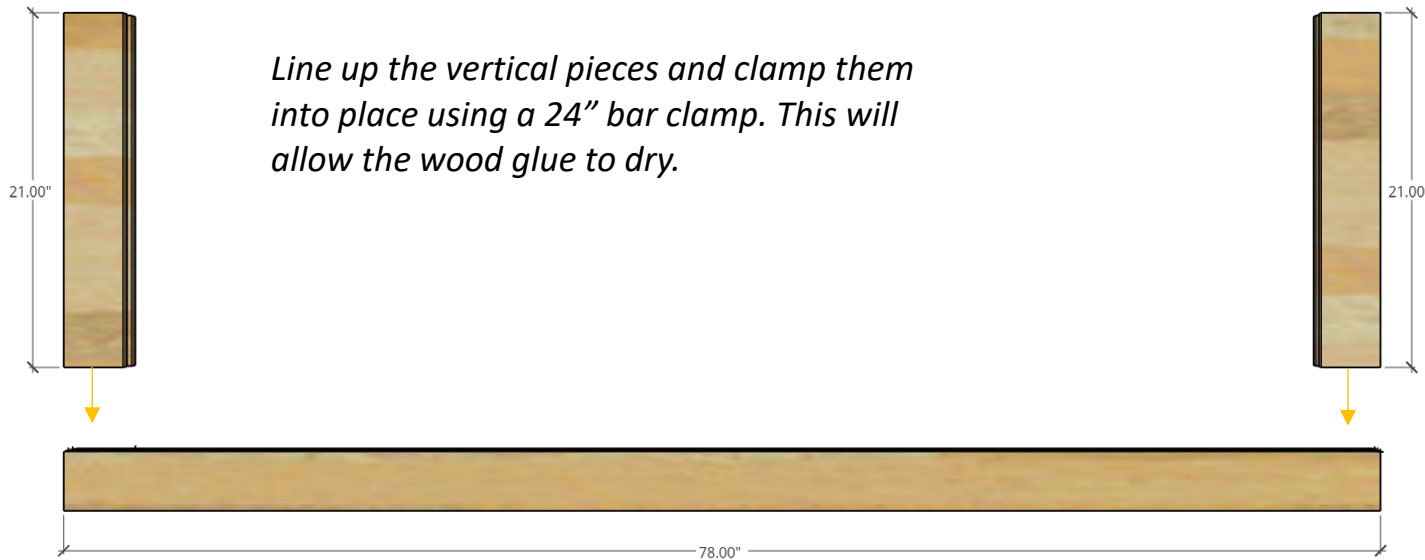
BACK PANEL ASSEMBLY

PART 1

NOTE

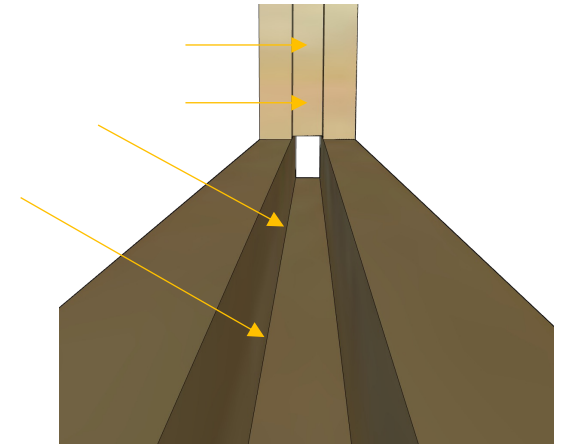
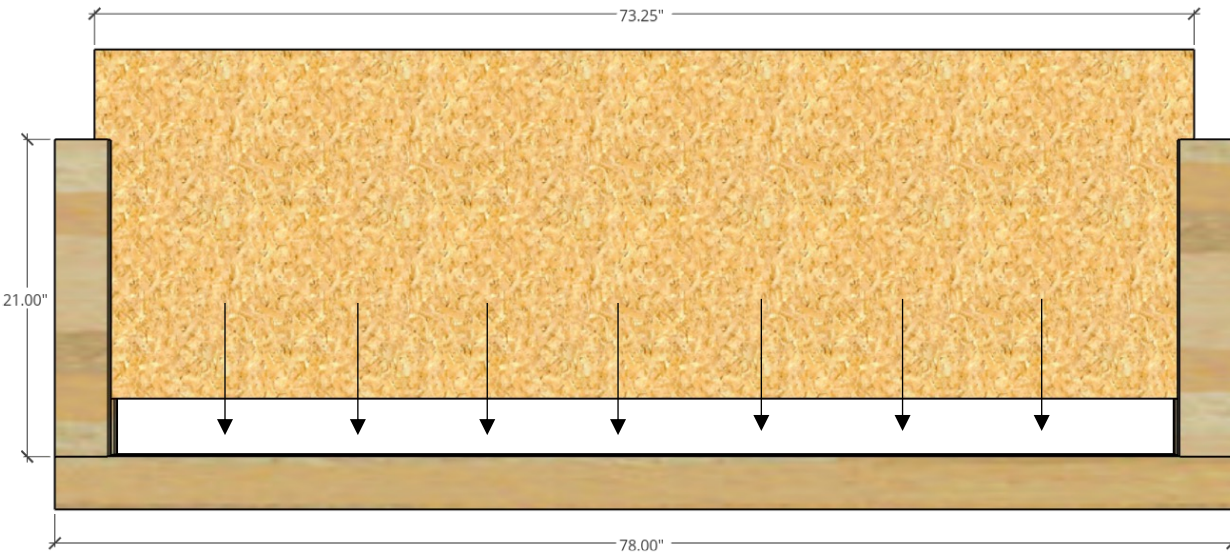
Add wood glue along the groove on both corners of the horizontal (78") wood where the vertical (21") wood will be placed

Line up the vertical pieces and clamp them into place using a 24" bar clamp. This will allow the wood glue to dry.



BACK PANEL ASSEMBLY

PART 2



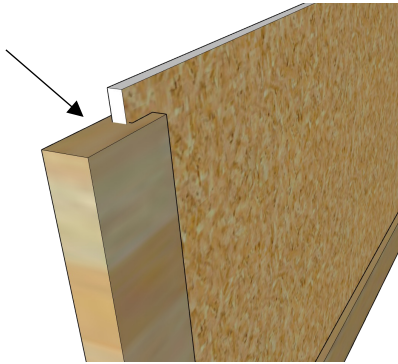
NOTE

Add wood glue along the inside of the groove for both the horizontal and vertical pieces.

Slide the 73 ¼" plywood into place and gently tap with a rubber mallet until it is fully in place.

BACK PANEL ASSEMBLY

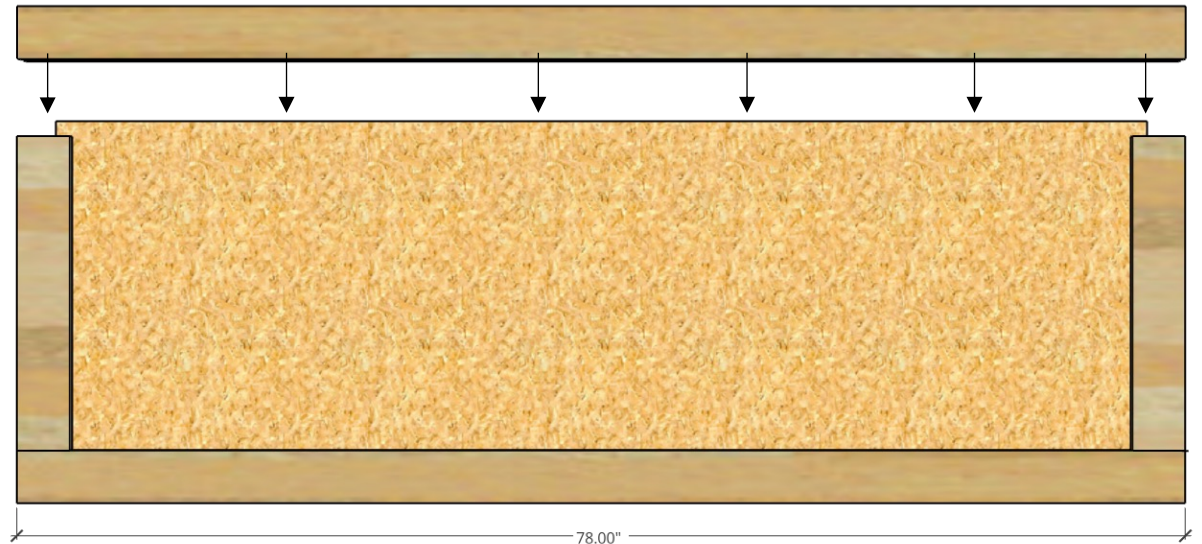
PART 3



NOTE

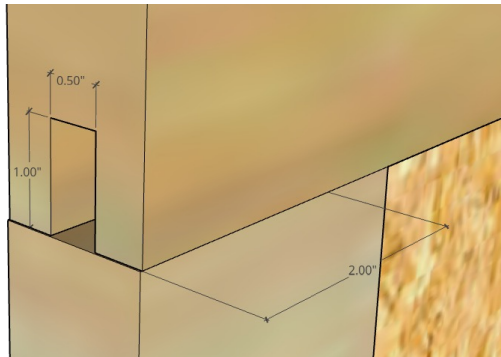
Add wood glue to the exposed vertical corners and on the top of the plywood.

Place the top 78" horizontal piece and gently tap with a mallet until all corners are flush.



BACK PANEL ASSEMBLY

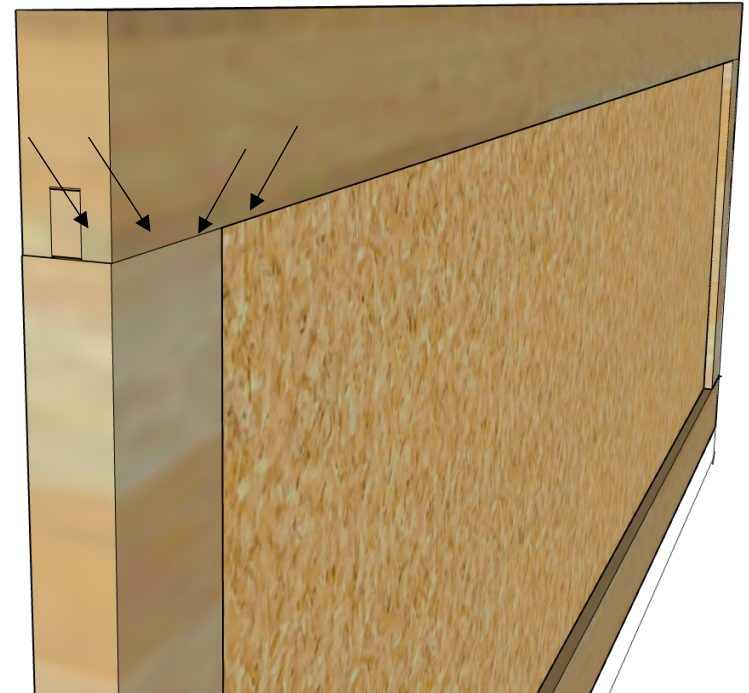
PART 4



NOTE

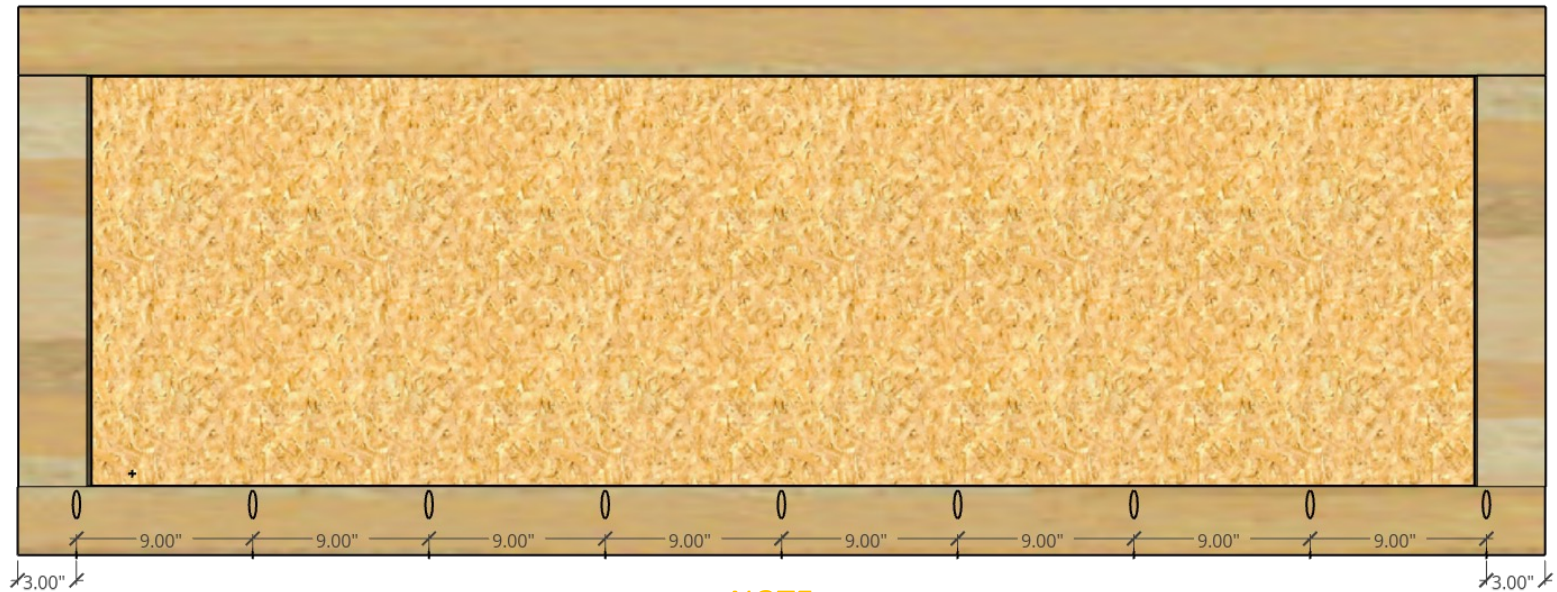
To cover these small openings on the four corners of the panel, cut a small piece from the scrap wood that measures 2.0" L X 0.5" W X 1.0" H. Add wood glue and insert into place.

Then, add brad nails at an angle, to secure all the pieces. Repeat the process on all four connections of the panel.



BACK PANEL ASSEMBLY

PART 5



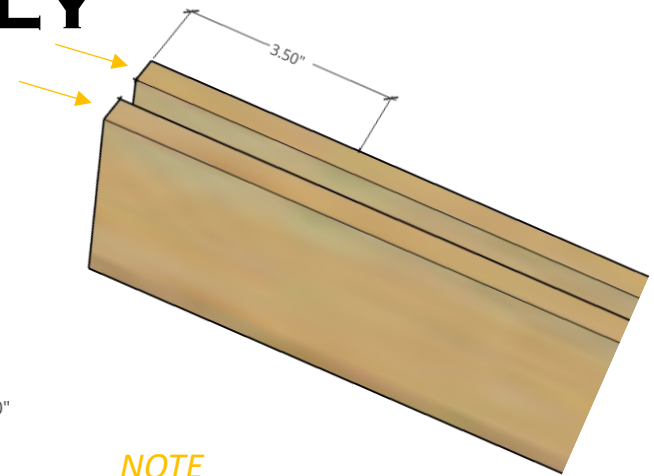
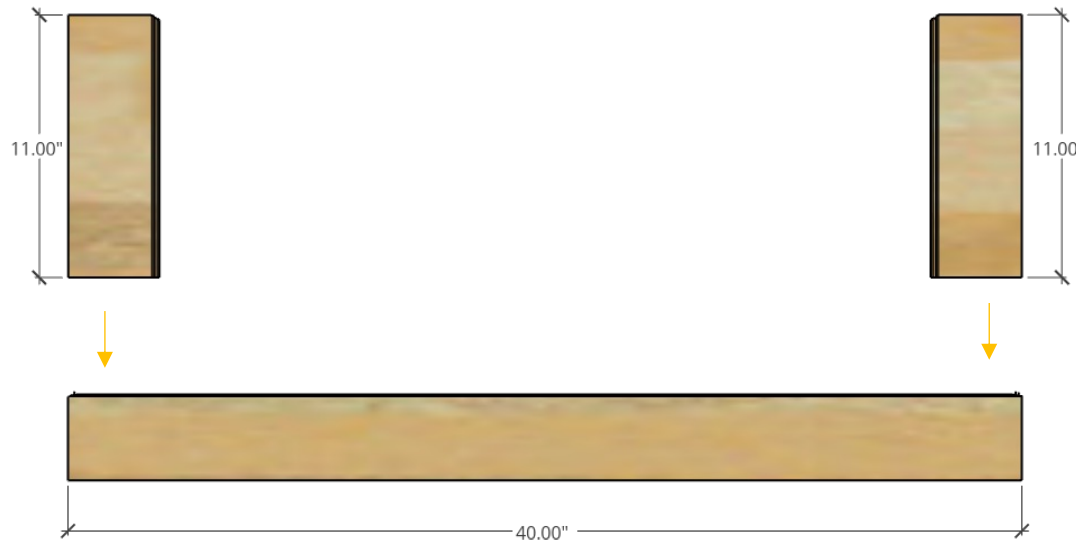
NOTE

Create pocket holes that are 9" apart along the bottom of the panel.

The first and last pocket holes should be 3" from the edge. There should be a total of 9 pocket holes.

LEFT ARMREST ASSEMBLY

PART 1



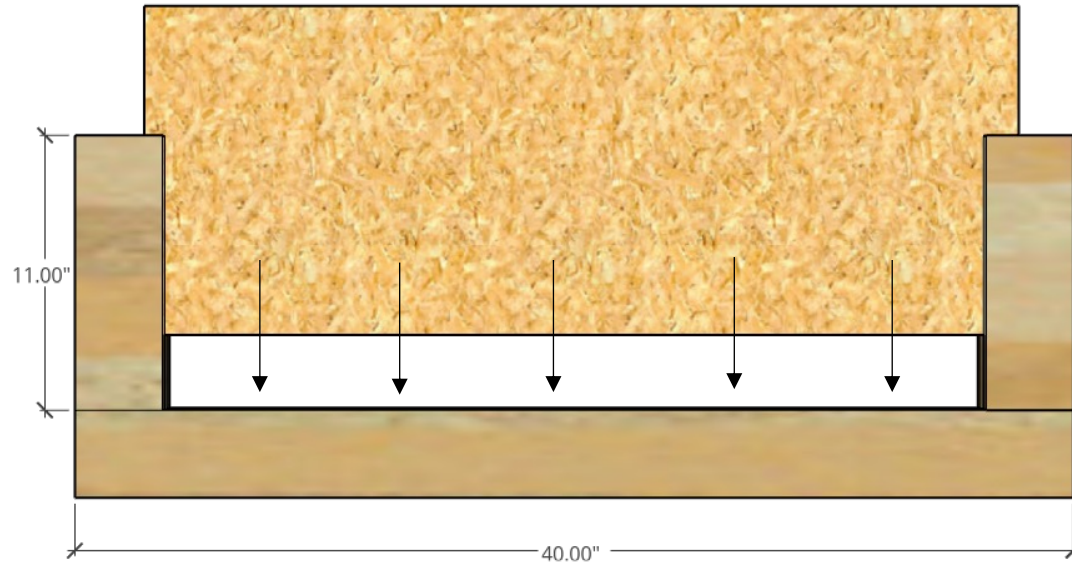
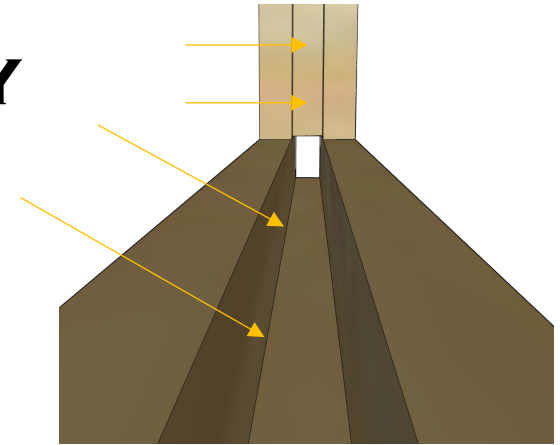
NOTE

Add wood glue along the groove on both corners of the horizontal (40") wood where the vertical (11") wood will be placed

Line up the vertical pieces and clamp them into place using a 24" bar clamp. This will allow the wood glue to dry.

LEFT ARMREST ASSEMBLY

PART 2



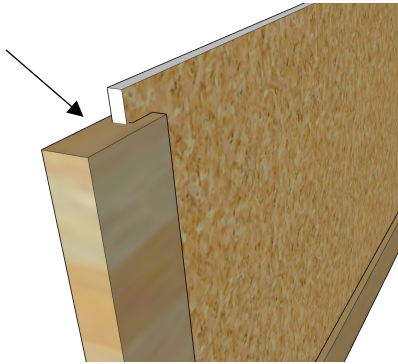
NOTE

Add wood glue along the inside of the groove for both the horizontal and vertical pieces.

Slide the 37 ½" plywood into place and gently tap with a rubber mallet until it is fully in place.

LEFT ARMREST ASSEMBLY

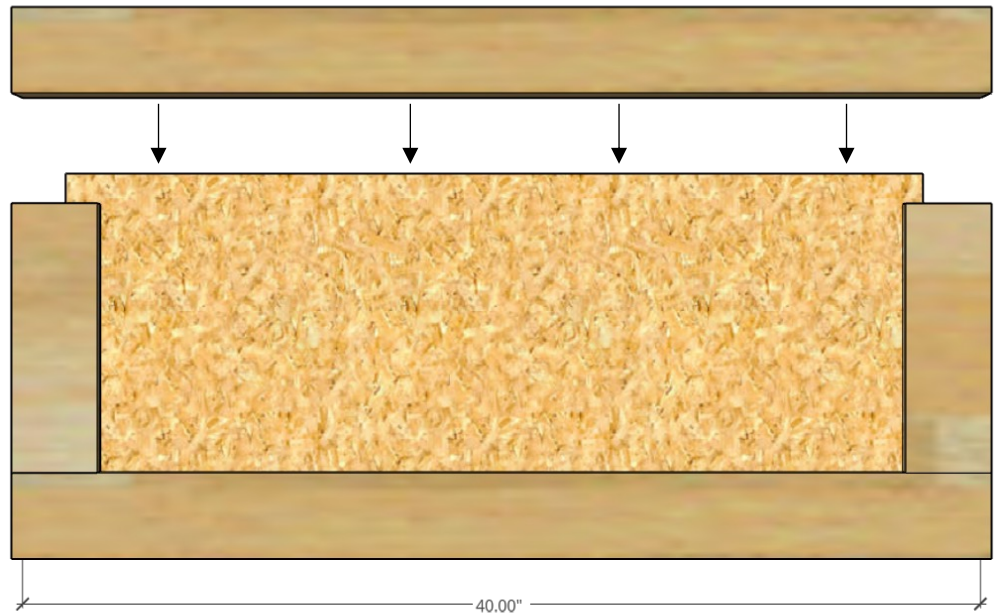
PART 3



NOTE

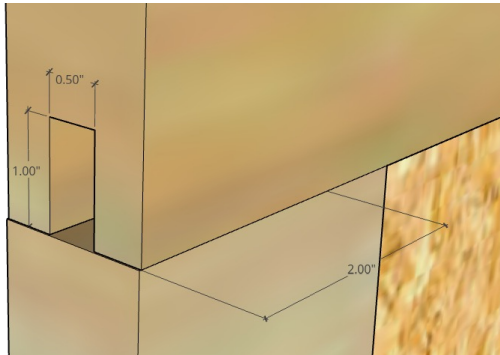
Add wood glue to the exposed vertical corners and on the top of the plywood.

Place the top 40" horizontal piece and gently tap with a mallet until all corners are flush.



LEFT ARMREST ASSEMBLY

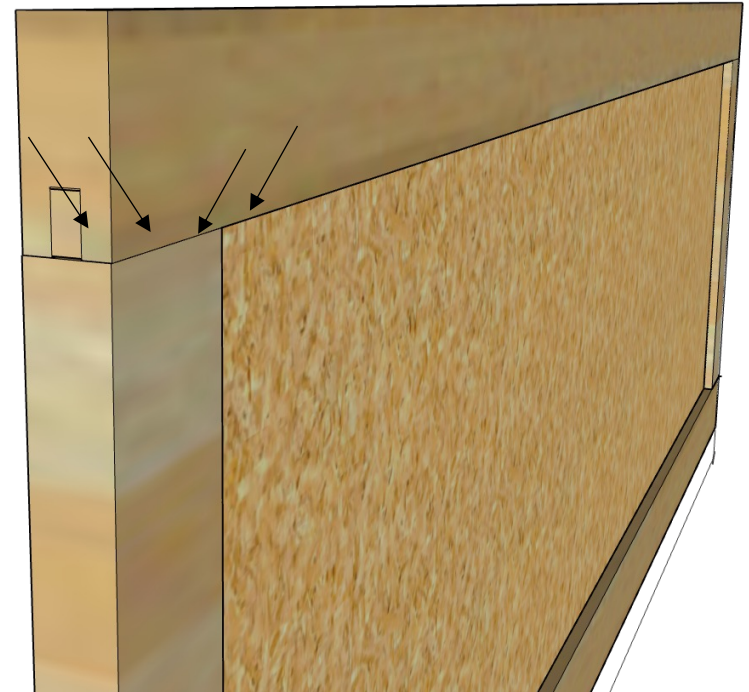
PART 4



NOTE

To cover these small openings on the four corners of the panel, cut a small piece from the scrap wood that measures 2.0" L X 0.5" W X 1.0" H. Add wood glue and insert into place.

Then, add brad nails at an angle, to secure all pieces. Repeat the process on all four connections of the panel.



LEFT ARMREST ASSEMBLY

PART 5

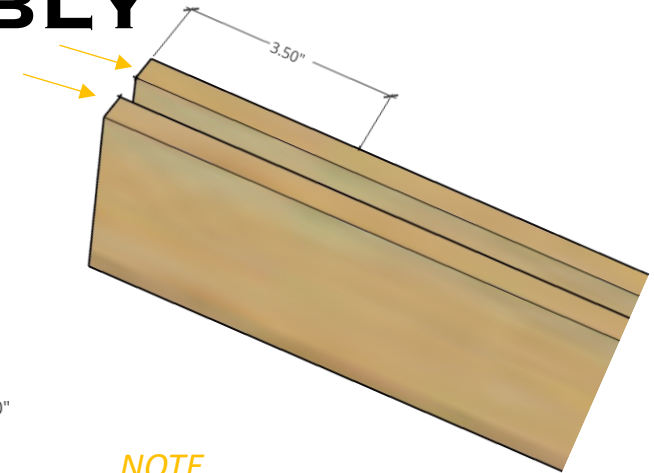
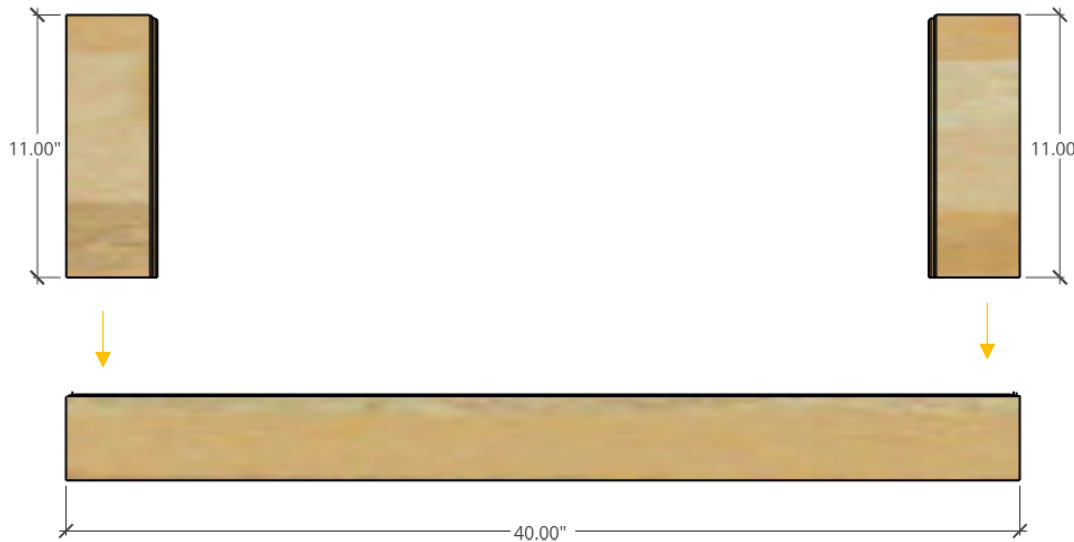


NOTE

Create pocket holes on the 40" X 18" armrest, as shown above.

RIGHT ARMREST ASSEMBLY

PART 1



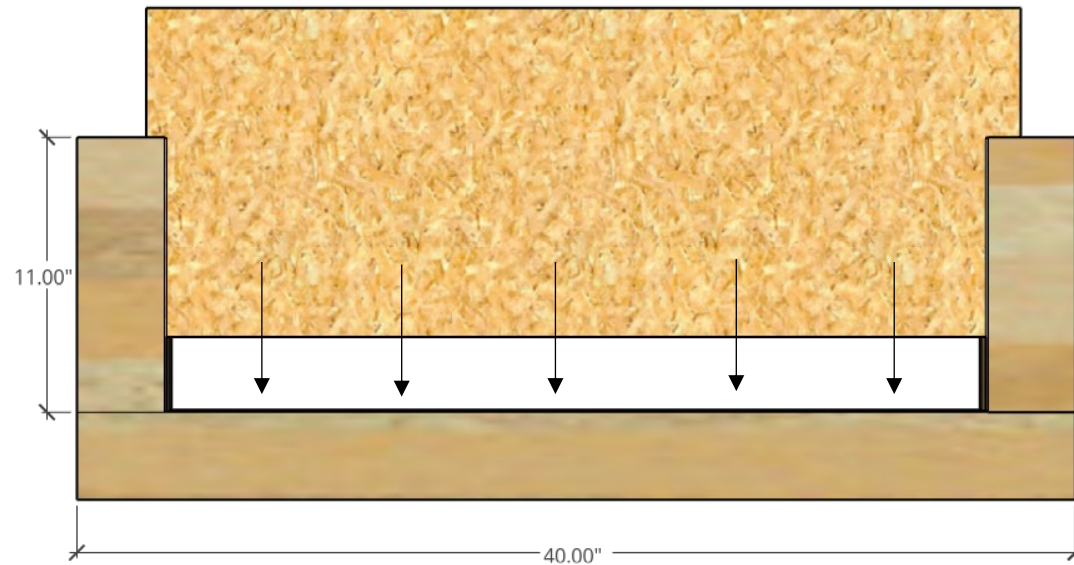
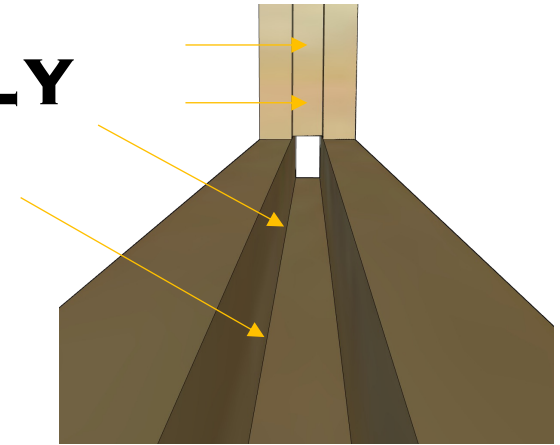
NOTE

Add wood glue along the groove on both corners of the horizontal (40") wood where the vertical (11") wood will be placed

Line up the vertical pieces and clamp them into place using a 24" bar clamp. This will allow the wood glue to dry.

RIGHT ARMREST ASSEMBLY

PART 2



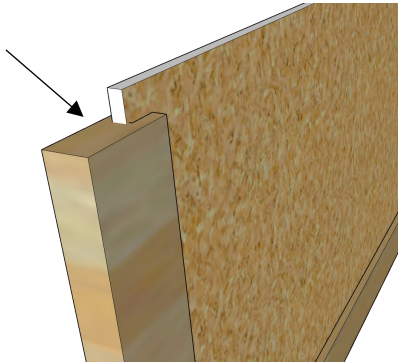
NOTE

Add wood glue along the inside of the groove for both the horizontal and vertical pieces.

Slide the 37 ½" plywood into place and gently tap with a rubber mallet until it is fully in place.

RIGHT ARMREST ASSEMBLY

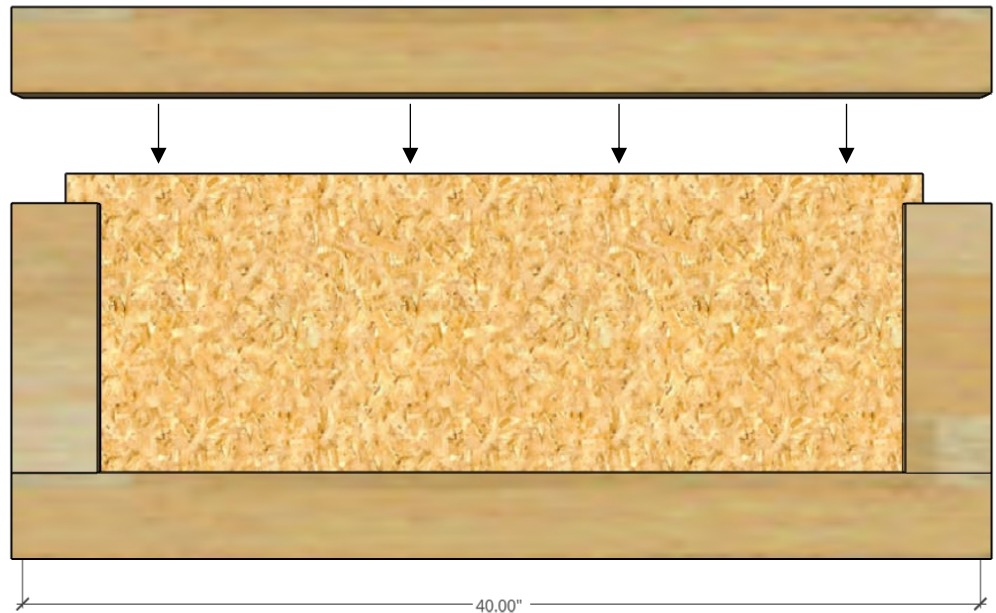
PART 3



NOTE

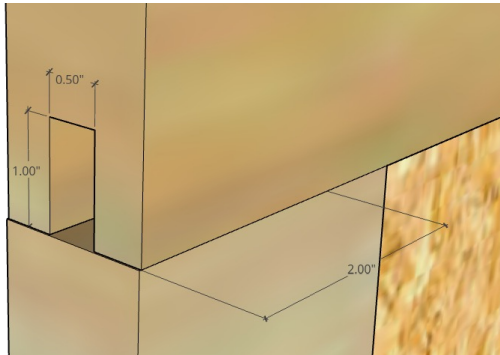
Add wood glue to the exposed vertical corners and on the top of the plywood.

Place the top 40" horizontal piece and gently tap with a mallet until all corners are flush.



RIGHT ARMREST ASSEMBLY

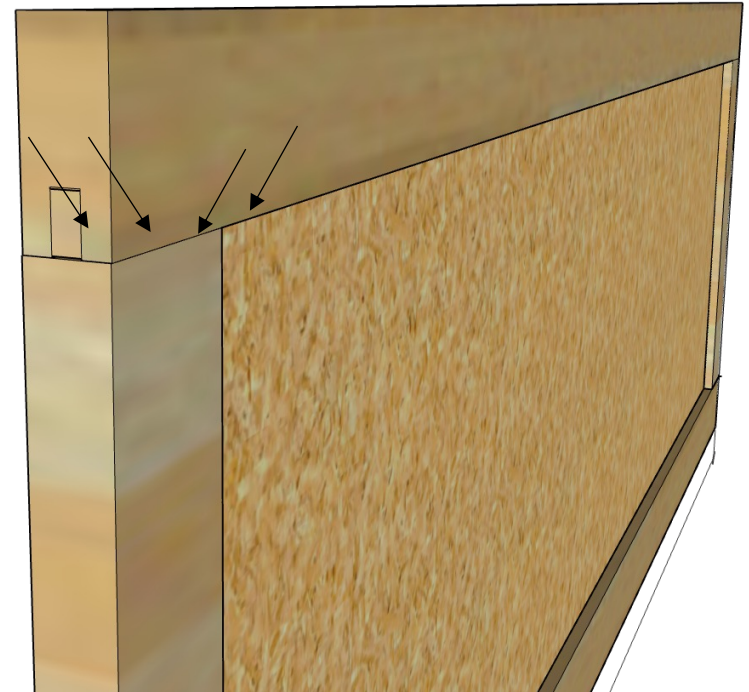
PART 4



NOTE

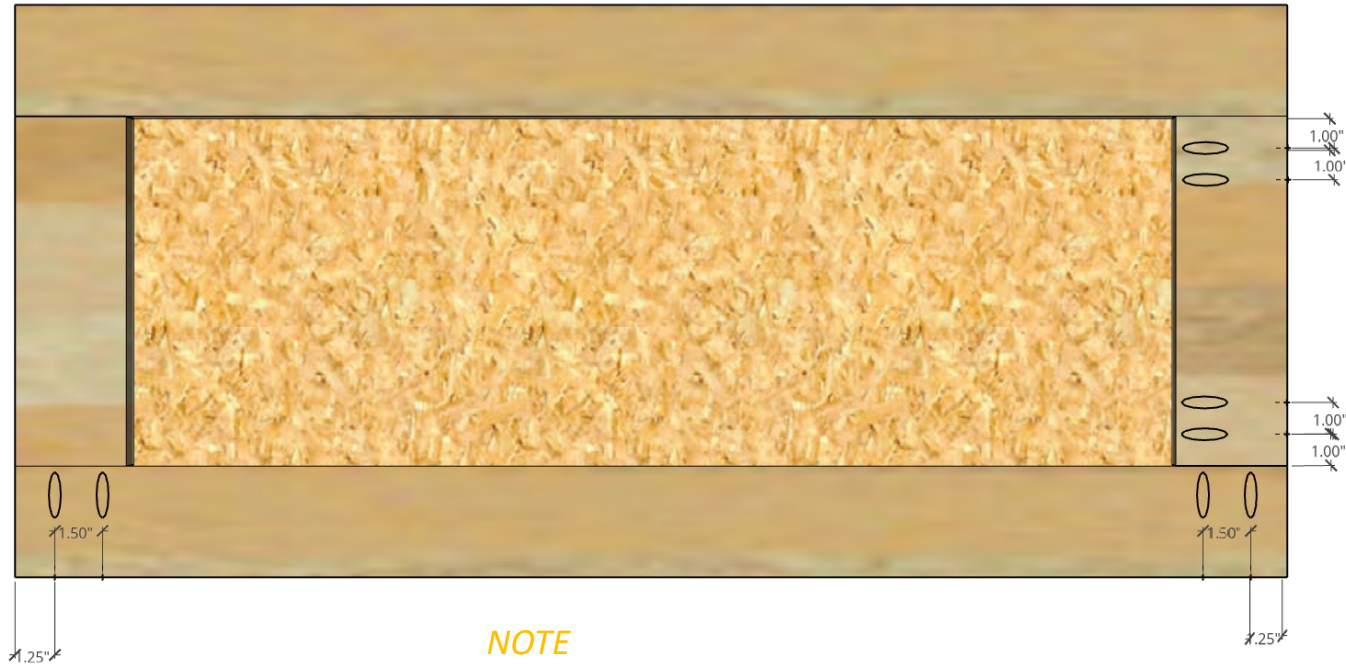
To cover these small openings on the four corners of the panel, cut a small piece from the scrap wood that measures 2.0" L X 0.5" W X 1.0" H. Add wood glue and insert into place.

Then, add brad nails at an angle, to secure all pieces. Repeat the process on all four connections of the panel.



RIGHT ARMREST ASSEMBLY

PART 5

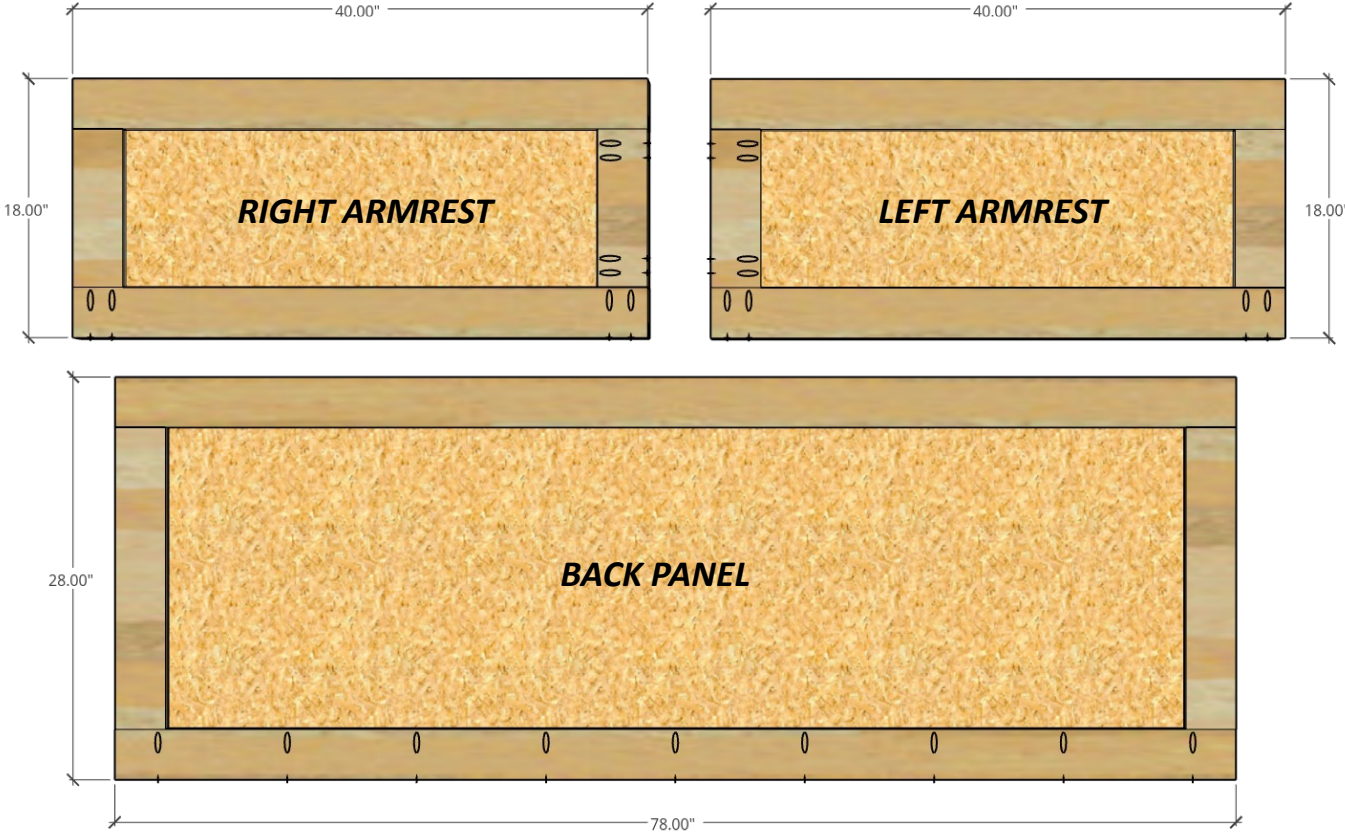


NOTE

Create pocket holes on the 40" X 18" armrest, as shown above.

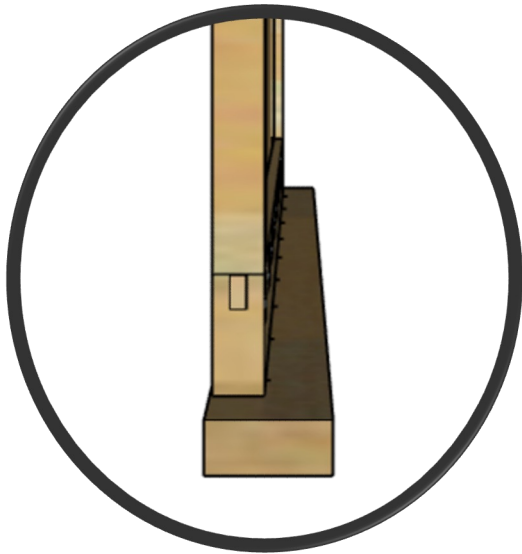
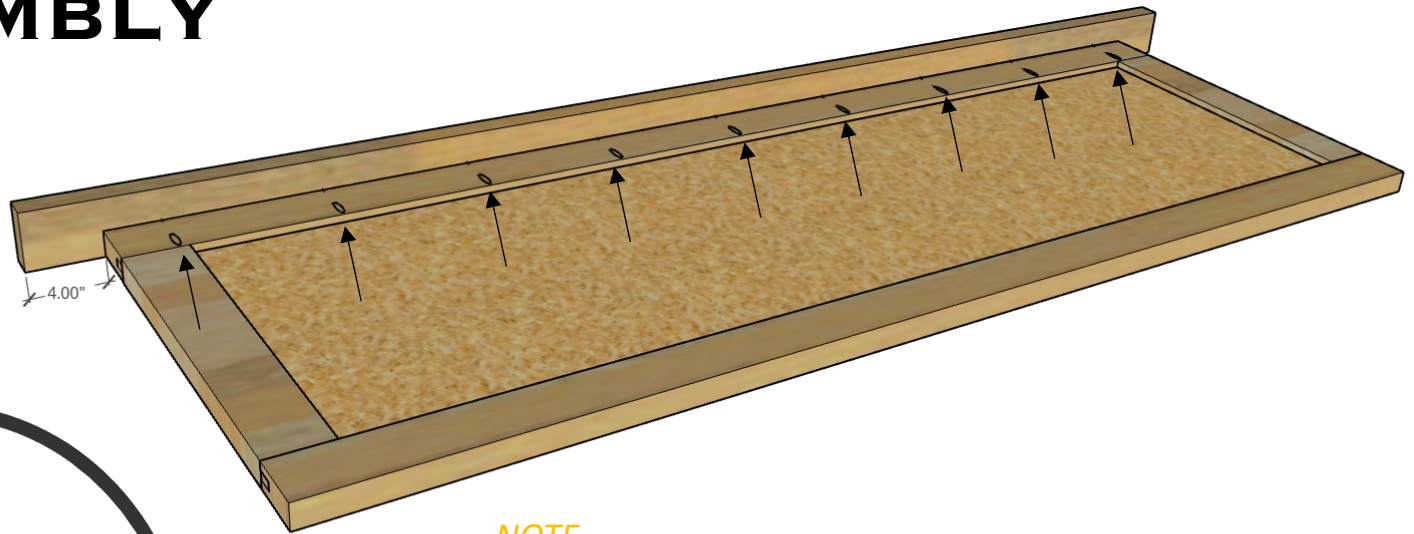
ASSEMBLY

PART 1



ASSEMBLY

PART 2



NOTE

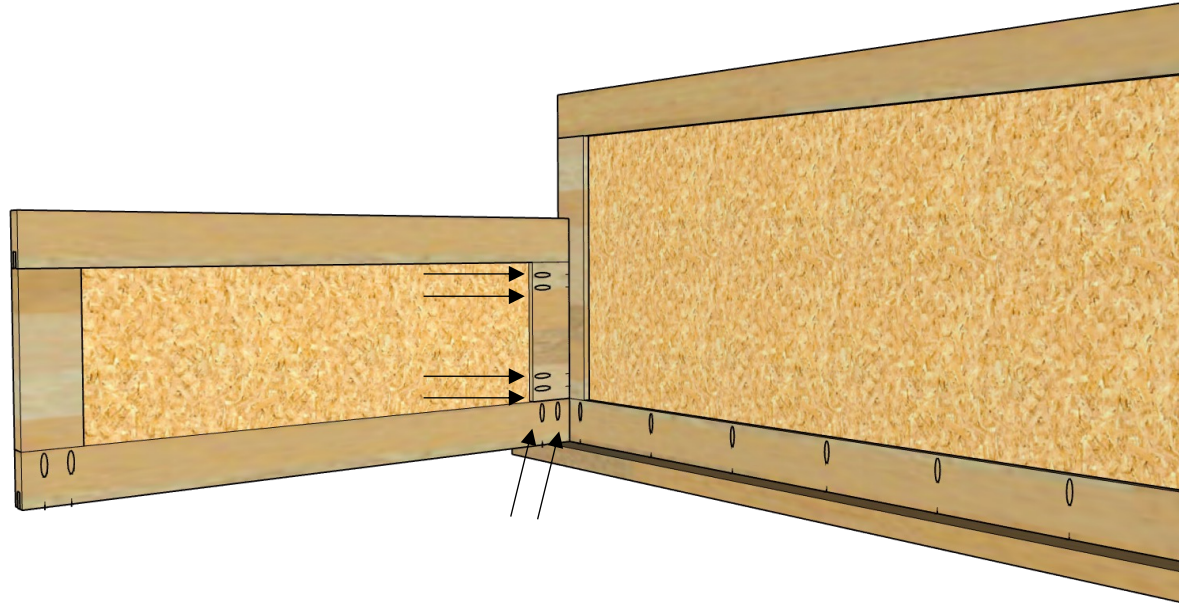
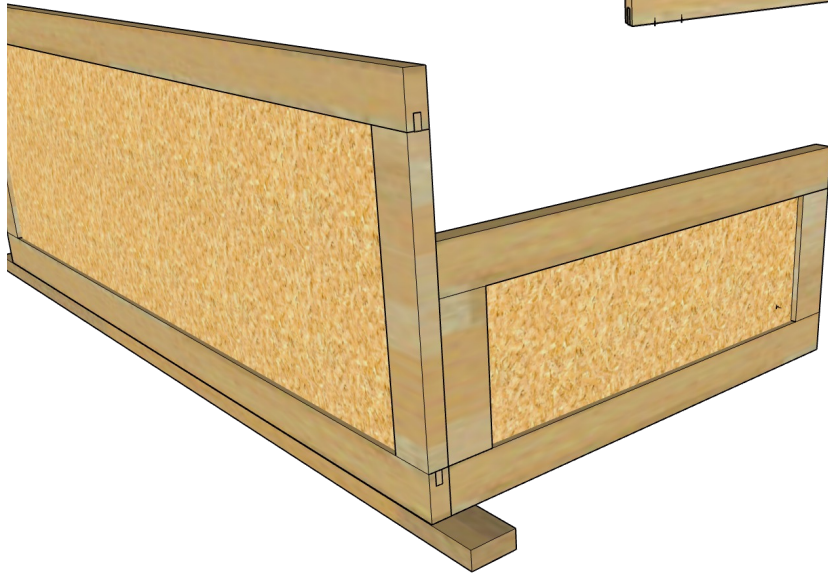
Lay the back panel on the floor with the pocket holes facing up.

Attach the 86" back hanging brace using 2 ½" pocket hole screws. Make sure to leave 4" of the 86" hanging brace on both sides of the back panel.

Make sure the back panel and 86" hanging brace line up on the back.

ASSEMBLY

PART 3



NOTE

Place the right armrest on the inside of the back panel. Attach it to the back panel and hanging brace using 2 ½" pocket hole screws.

Make sure the right armrest and back panel line up on the outside.

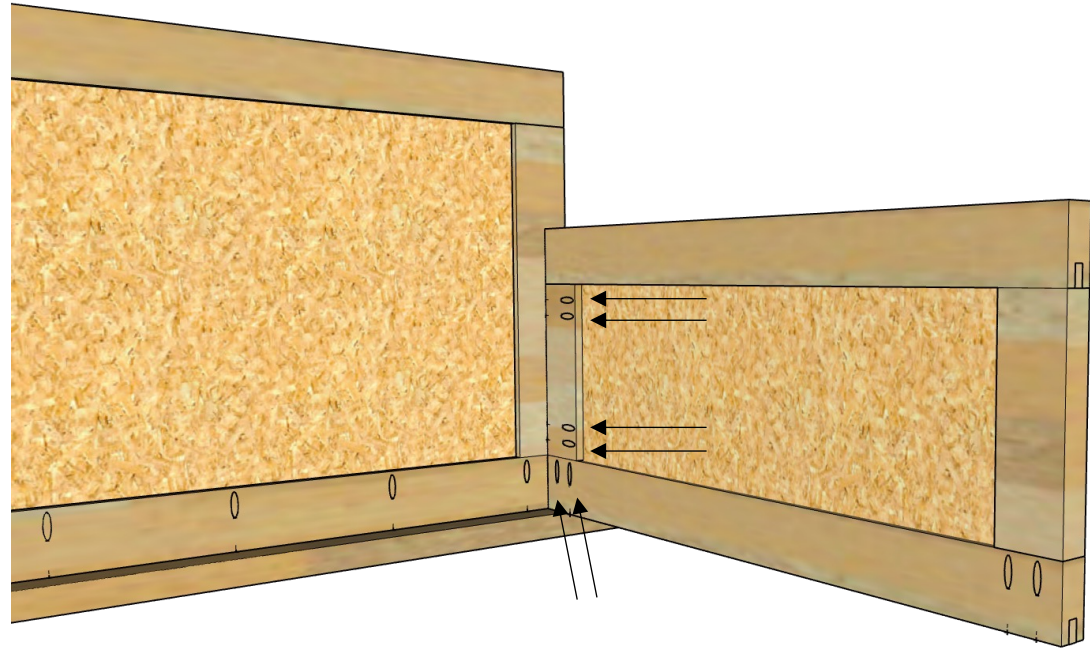
ASSEMBLY

PART 4

NOTE

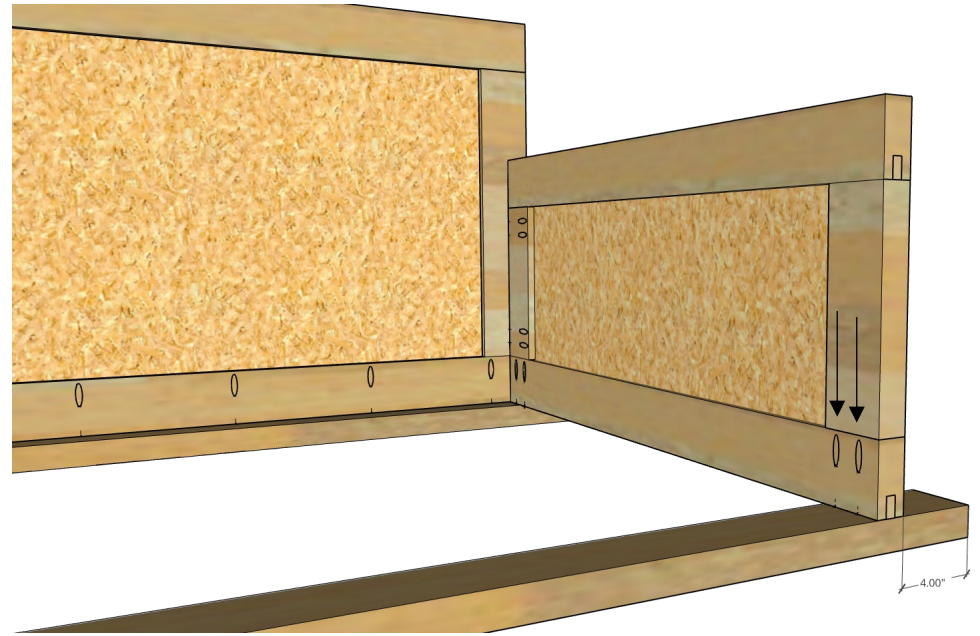
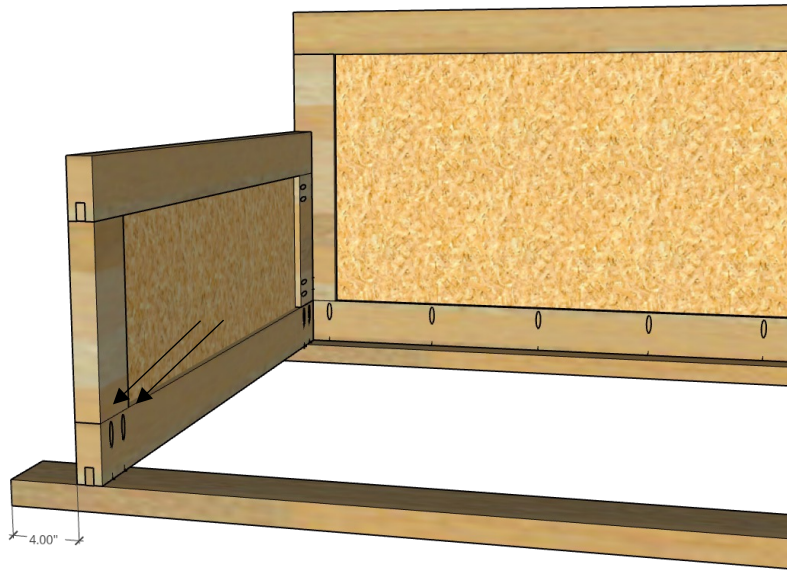
Place the left armrest on the inside of the back panel. Attach it to the back panel and hanging brace using 2 ½" pocket hole screws.

Make sure the right armrest and back panel line up on the outside.



ASSEMBLY

PART 5



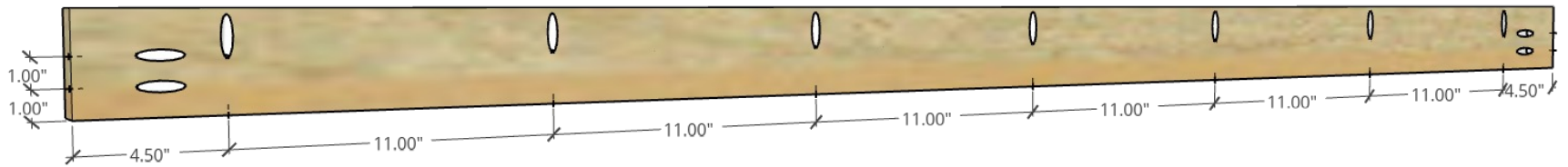
NOTE

Add the 86" front hanging brace and secure the armrests using 2 ½" pocket hole screws.

Make sure the 86" front hanging brace and the armrests line up on the front end.

ASSEMBLY

PART 6



NOTE

On the 75" front brace, add two vertical pocket holes that are 1" apart.

Then, add six horizontal pocket holes that are 11" apart.

ASSEMBLY

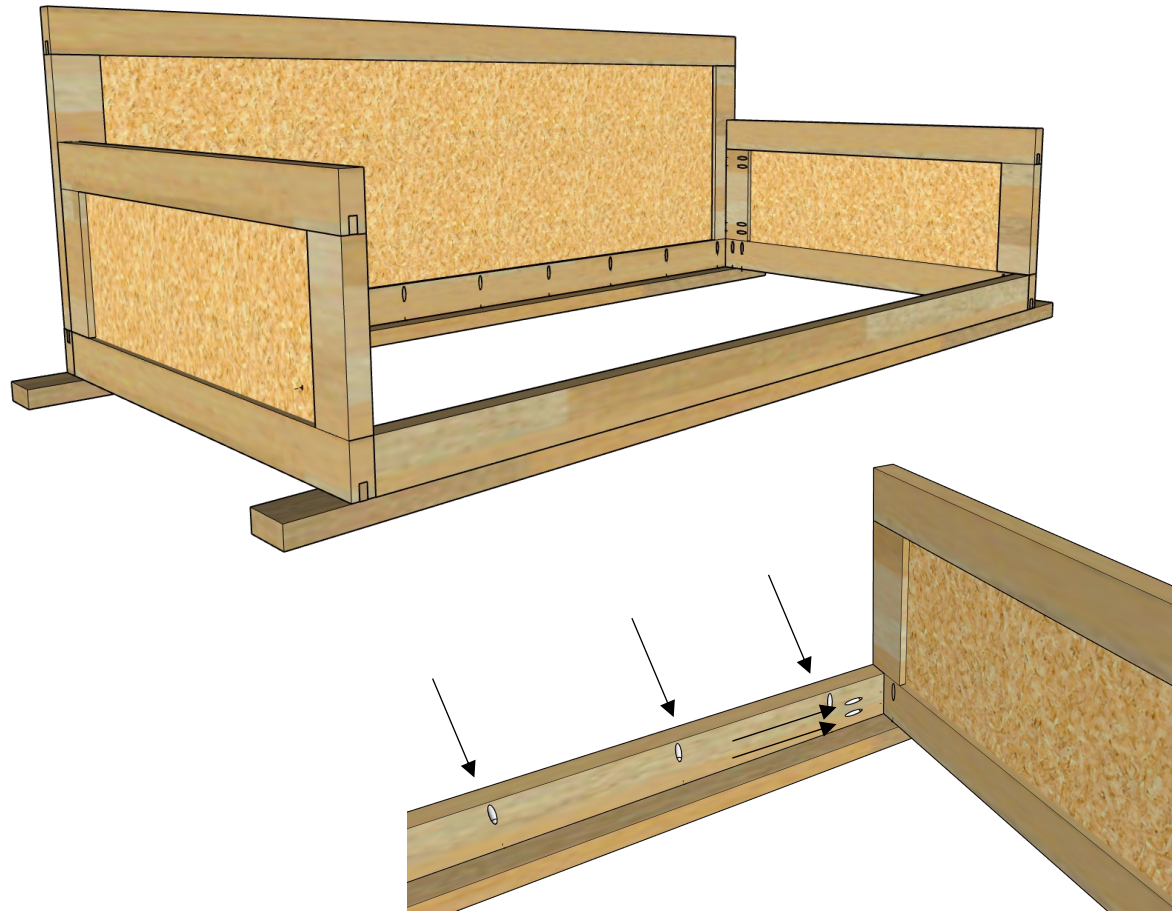
PART 7

NOTE

Place the 75" front brace in between the armrests and secure it into place using 2 ½" pocket hole screws.

Add screws to both armrests and the 86" front hanging brace.

Make sure the 75" front brace lines up with the armrests and the front hanging brace.



ASSEMBLY

PART 8



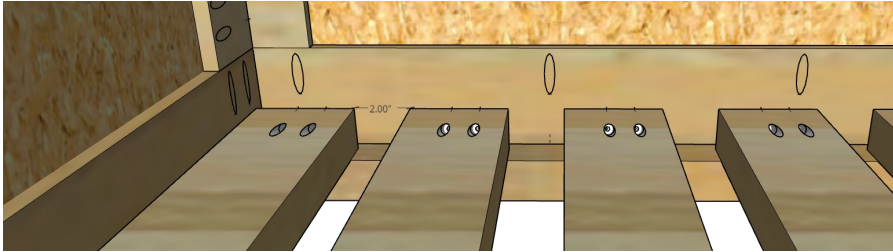
NOTE

For all the 37 ½" mattress support braces, open two pocket holes on each side.



ASSEMBLY

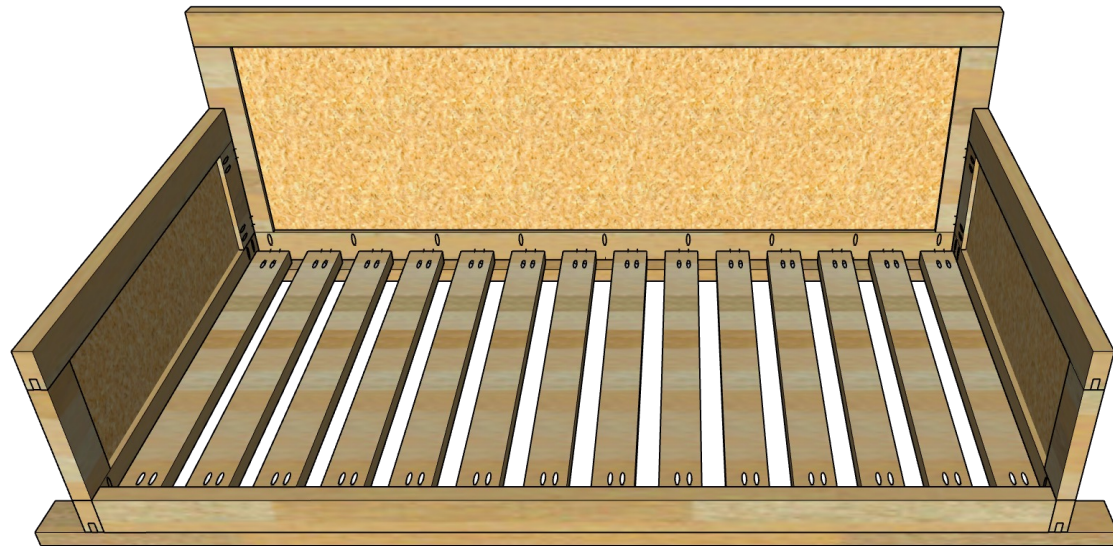
PART 9



NOTE

Using 2" pocket hole screws, secure the 37 ½" mattress support braces to the back panel and the front brace.

The mattress support braces must be installed 2" apart.



ASSEMBLY

PART 10



NOTE

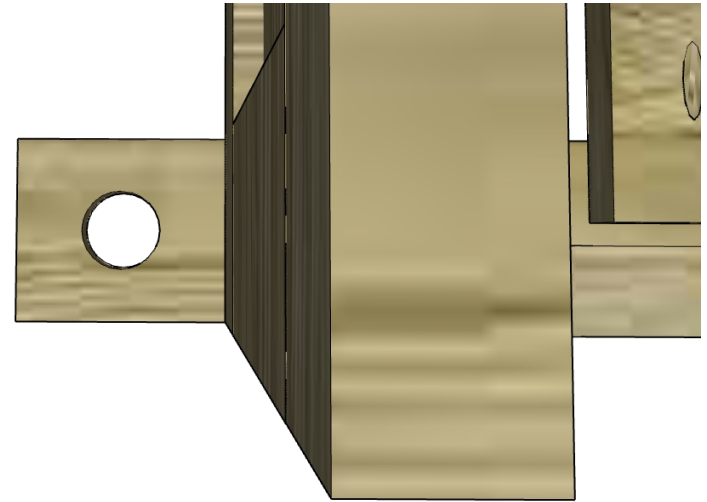
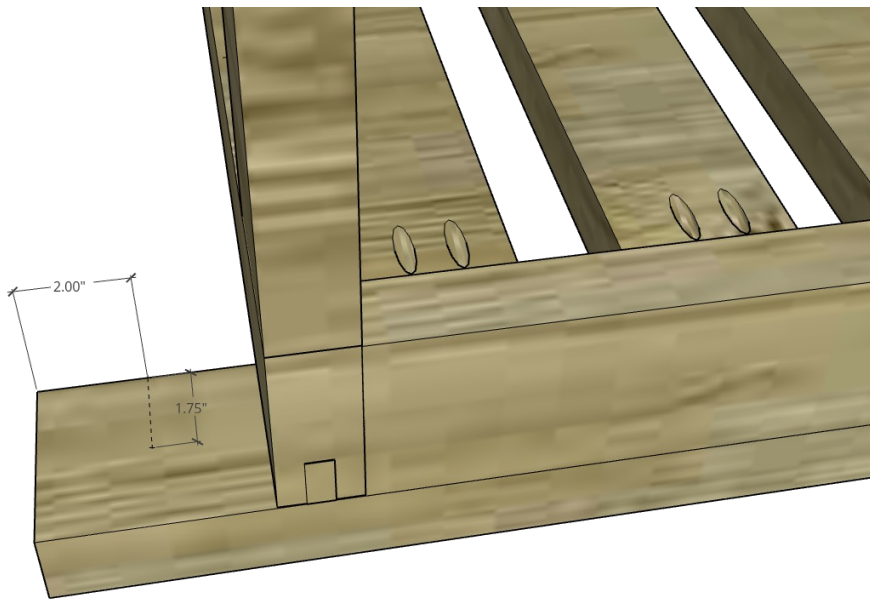
Paint or stain the swing bed whatever color you would like.

Make sure that you are applying a sealer, since the wood used was not pressure treated.



ASSEMBLY

PART 11



NOTE

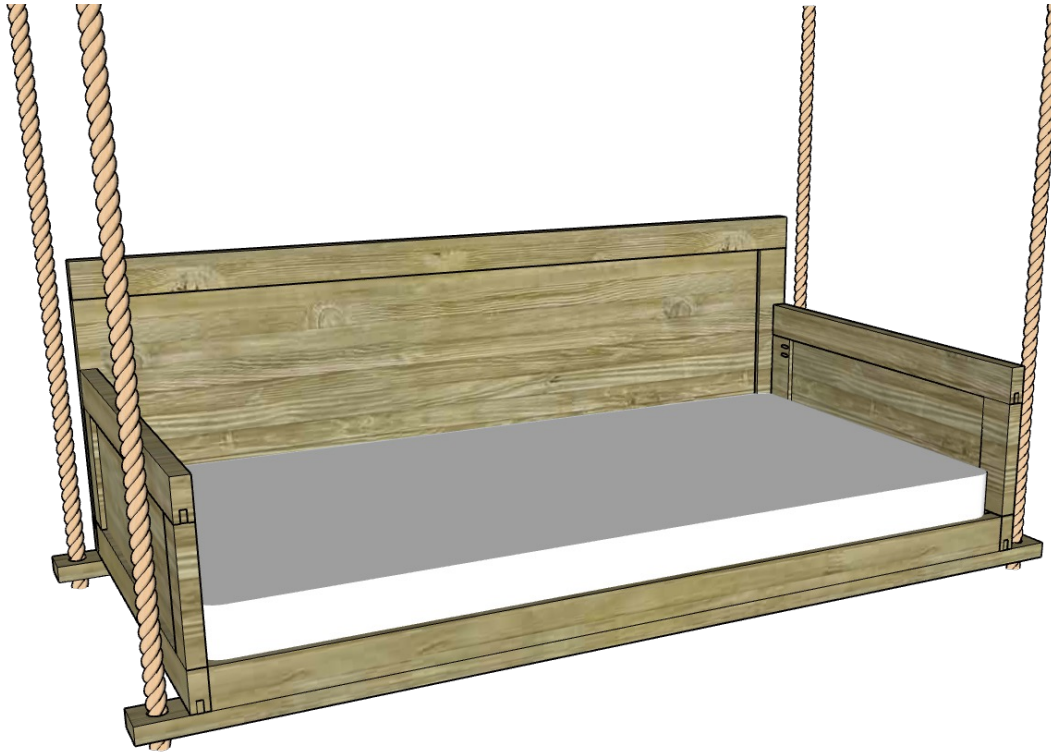
Measure the halfway point of the piece of the hanging brace that is sticking out to open hole for the rope.

Using a $\frac{3}{4}$ " drill bit, open a hole to hang the swing bed.

Repeat this process on all four corners.

ASSEMBLY

PART 12



NOTE

Reference video for knot tying and hanging instructions.

Add twin size mattress, and pillows, if preferred, and swing bed is complete.

APPENDIX

VIDEO REFERENCE

HOW WE SAVED OVER \$1,000 BY BUILDING OUR OWN SWING BED!

WATCH THE STEP-BY-STEP BUILD FROM START TO FINISH

https://youtu.be/utjYmq_TOjA

