



## Wood Patio Chair



### Materials List

- 13- Cedar Fence Pickets 5 ½" X 6' (Fence pickets will be ripped to desired widths)
- 3- Cedar 2x4 @ 8 feet
- 1- Cedar 2x6 @ 8 feet

(This can be made with pressure treated lumber or regular pine  
for a more budget friendly build)

### Suggested Tools

Miter Saw

Combination Square

Tape Measure

Orbital Sander

Clamps

Exterior Wood Glue

1 ¼" Deck Screws

Pocket Hole Jig

2 ½" Exterior Pocket Screws

2 ½" Deck Screws

Table Saw

Jig Saw

Drill

Brad Nailer (Optional)

1 ¼" Brad Nails (Optional)

### Cut List

1- 2x6 @ 23 ½" (Front Support)

1- 2x4 @ 20 ½" (Back Support)

2- 2x4 @ 23 ½" (Front Legs)  
2- 2x4 @ 22 9/16" (Arm Rest Support)  
2- 2x4 @ 24 5/16" (Rear Legs) 15 degree parallel angle on each end. 24 5/16"  
from long point to short point.  
2- 2x4 @ 19 ¾" (Seat Support) 15 degree angle on one end.  
2- 2x4 @ 24" (Back Support) 15 degree angle on one end.

### **Fence Picket Pieces**

2 @ 5 ½" X 24" (Arm Rest)  
5 @ 3 ½" X 20 ½" (Seat Slats)  
5 @ 3 ½" X 17 5/8" (Back Slats)

### **Step #1**

Cut all pieces from the cut list or you may choose to cut as you go to ensure alignment as you build.

### **Step #2**

#### *Cutting The Notch*

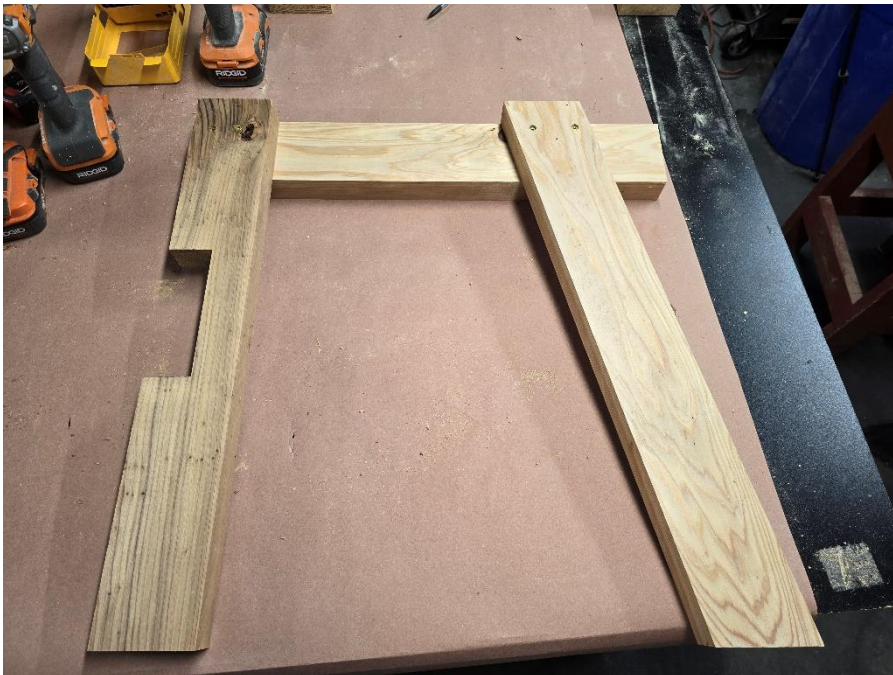
\_On the 23 ½" 2x4 front legs measure 9 ½" from the bottom and mark a line. Then measure 8 ½" from the top and mark a line. This is where the notch will be cut for the 2x6 piece to fit in. The notch will be 5 ½" wide and 1 ½" deep. You could also trace a scrape piece of 2x6 onto this spot. Use a jig saw or table saw to cut the notch on both pieces. See photo below.

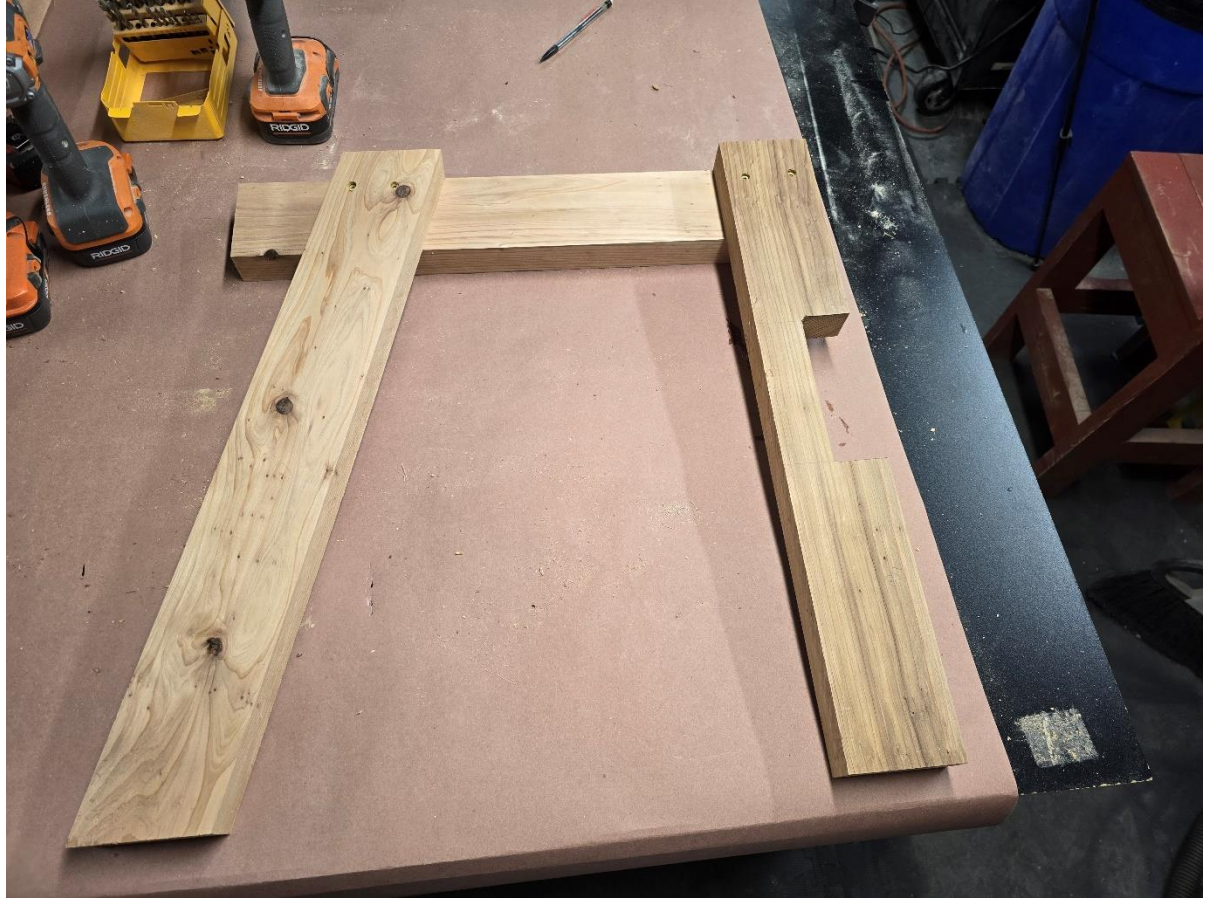


### **Step #3**

#### *Side Assembly*

Layout one of the 22 9/16" arm rest support, one of the 23 1/2" notched front leg and one of the 24 5/16" angled rear legs. Place the notched front leg on top of the arm rest support flush to one corner. Be sure the 9 1/2" side of the notch is facing down and the notch is facing out. Use 2 1/2" deck screws and exterior wood glue to attach. Measure 11" over and mark a spot towards the top of the arm rest support. This is where the point of the 15 degree angle will line up flush with the top of the arm rest support. Use 2 1/2" deck screws and exterior wood glue to attach. Repeat this step so you have two sides that are mirror images of each other. See photo below.



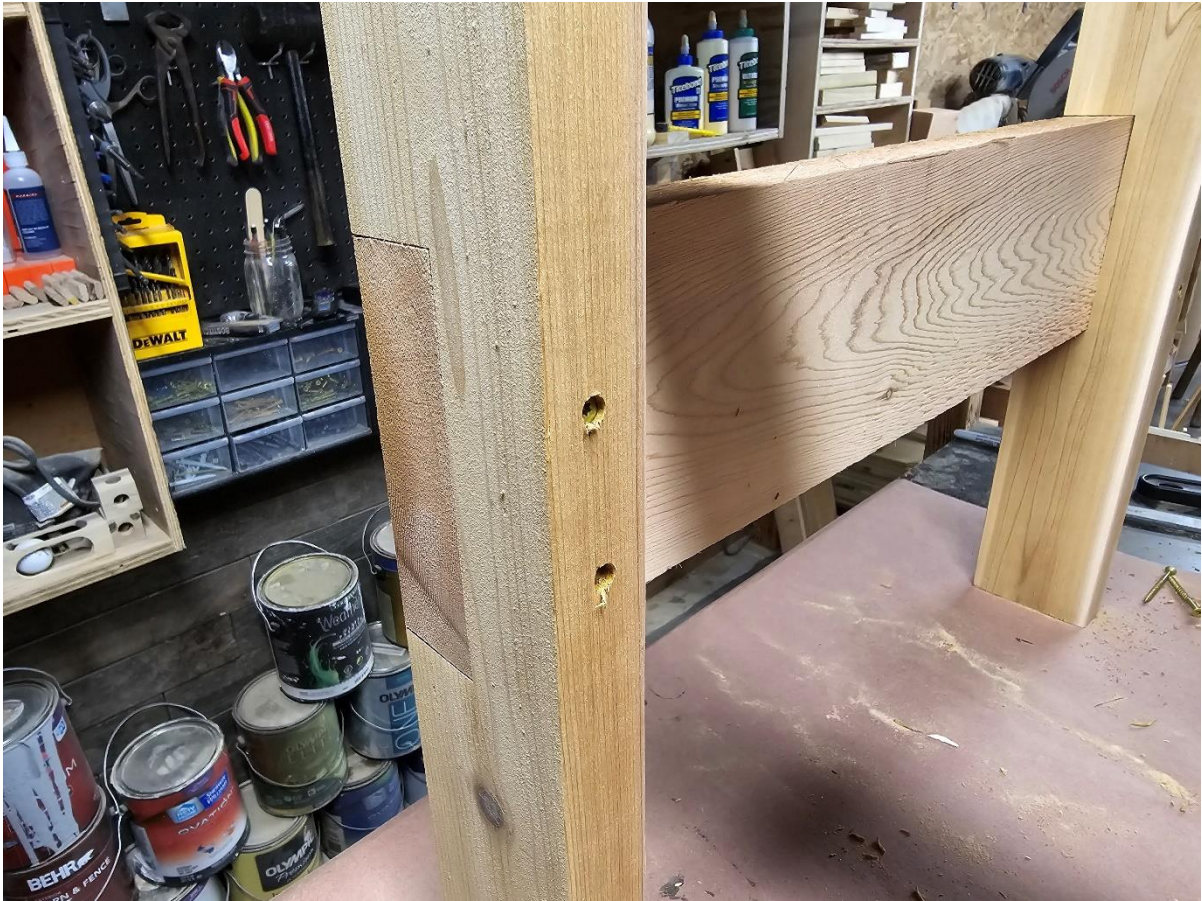


#### **Step #4**

##### *Attaching The Front And Rear Supports*

Use 2 ½" deck screws and exterior wood glue to attach the 2x6 front support into the notches. Screw in from the back so the screws aren't visible. Pocket hole both ends of the 20 ½" 2x4 rear support. Set your bit at 1 ½". Two pocket holes on each end. Measure 8 3/8" up from the short point on the rear legs. One corner of the 20 ½" rear support will be placed on the edge of the 8 3/8" mark and the top will be moved 1" from the edge to keep it straight with the 2x6. Use 2 ½" exterior pocket hole screws and wood glue to

attach to each side. This step will be easier if you stand the chair on end and do one side at a time. See photo below.







## **Step #5**

### *Seat Supports*

Pocket hole the non angled ends of the 19  $\frac{3}{4}$ " seat supports. Two pocket holes on each end. Set your bit at 1  $\frac{1}{2}$ ". Use 2  $\frac{1}{2}$ " pocket screws and exterior wood glue to attach to the 2x6 front support. Place them flush up against the sides so the angled end is resting on the 20  $\frac{1}{2}$ " rear support. Use 2  $\frac{1}{2}$ " deck screws and exterior wood glue to attach the end seat supports directly to the sides. See photo below.





## **Step #6**

### *Back Supports*

The two back supports will be placed angled side down on the 20 ½" 2x4 rear support. Align so the back rest angle is inline with the seat support angle and use 2 ½" deck screws and exterior wood glue to attach to the seat supports and the sides. See photo below.





### **Step #7**

#### *Seat, Back Slats And Arm Rest*

Attach the 3 ½" x 20 ½" front seat slat so it over hangs the front by ¾". Then attach the back seat slat so it touches the back support. Attach the remaining three spaced evenly apart. Approx. ¼" spacing. Then attach the 3 ½" x 17 5/8" back slats to the top of the chair and then the bottom. Space the remaining three evenly apart. Use 1 ¼" brad nails or 1 ¼" deck screws and exterior wood glue to attach. Lastly attach the 5 ½" x 24" pieces on top of each arm rest support. Flush them up with the front of

arm rest support and use exterior wood glue and 1 ¼" deck screws to attach. See photo below.







**Congratulations on your build!!**

**Final Notes**

Always Wear The Proper PPE

These Build Plans Were Put Together In Conjunction With

The TikTok And Instagram Video On This Build.  
Any Questions ,Comments Or Concerns Email Me At  
[Backfortycraftsman@gmail.com](mailto:Backfortycraftsman@gmail.com) Thank You!! Happy Building!!