

# DIY Wood Christmas Tree Plans from 2x4



## Spread the love

DIY Wood Christmas Tree Plan with 2x4s is the perfect easy wooden Christmas tree craft project.

Build your own 3 foot tall DIY Wood Christmas tree from 2x4 wood with these plans that include measurements and angles! This wood tree is a great way to use scrap wood, so save this for your list of Christmas wood projects.

### Supplies for Wood Christmas Tree from 2x4s

- 2x4 lumber: one 8 foot long piece, plus a piece 21 inches long
- 2.5 inch long [trim head screws](#) (affiliate link)
- wood glue (do not try to hot glue)
- wood putty
- stain or paint

### Tools:

- Miter saw (a circular saw can be used but a miter saw would be best)
- Orbital sander
- Drill

### Cut list for Wood Christmas Tree from 2x4:

- One at 14 inches, with one 22.5° end and one 45° end, (14 inches long point to long point)
- One at 12 inches, with one 22.5° end and one 45° end (12 inches long point to long point)
- Four at 12 inches, with 22.5° ends (12 inches long point to short point)
- One at 21 inches with 22.5° ends (21 inches long point to long point)
- One at 12 inches with 22.5° ends (12 inches long point to long point)

Cutting Wood Christmas Tree from 2x4s



Plans: Measurements and angles of DIY Wood Christmas tree from 2x4s

For the first cut, turn your saw table to 45 degrees.

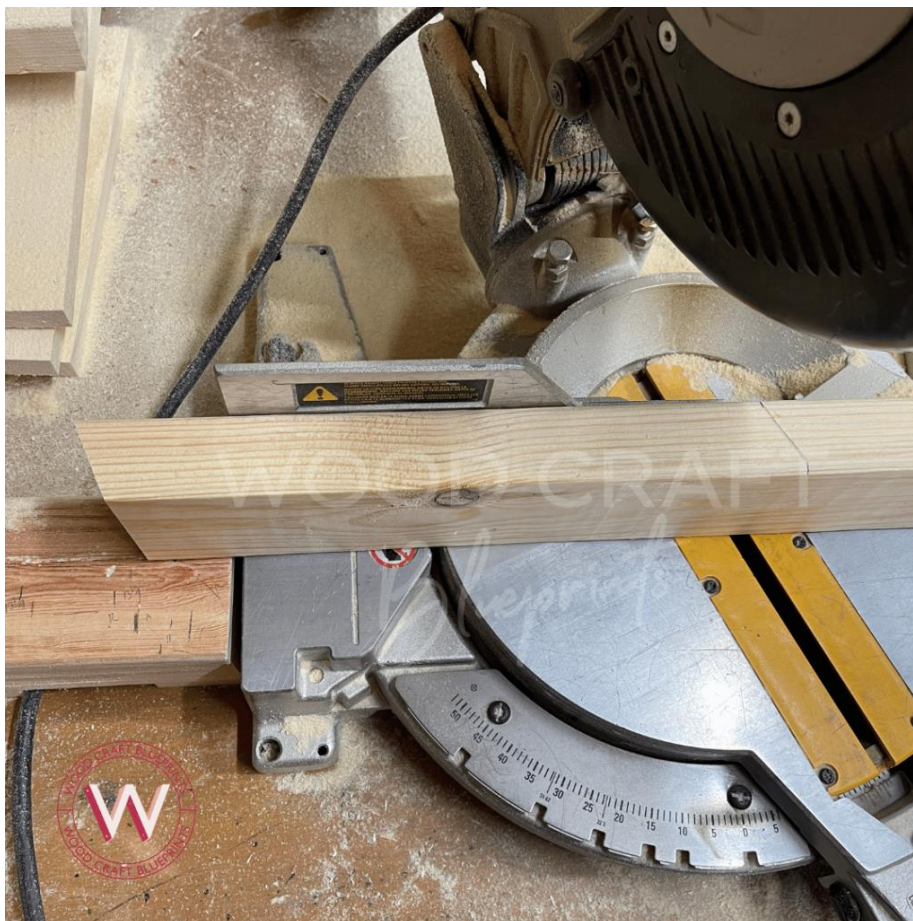
The board needs to be on its *side*, it is not flat. It is a bevel cut because we're cutting through the thickness of the wood, but I'm just doing a little shortcut and rotating my saw rather than beveling the blade.



Cut one end at 45°, then the second cut is going to be at 22.5 degrees. Your saw should have a notch on your miter saw so you can easily find that 22.5. From long point to long point is 14 inches in length. So what we'll need to do is move the saw to 22.5 degrees on the **opposite** side that you cut the 45 degree end at.

Cut the second piece at 12 inches, with one 22.5° end and one 45° end (12 inches long point to long point).

Next 4 of the pieces have 22.5 degrees ends, but they are long point to short point. What I mean is the long point and then the short point are on the same side. Cut one end at 22.5°, mark 12 inches length, then slide the board down and cut on the 12" mark. Do NOT flip the board around or move the saw on the second cut, just slide the board down.



Cut one end at 22.5°, mark 12 inches length, then slide the board down and cut on the 12" mark

The base piece is 21 inches long, from long point to long point with 22.5° ends.

The trunk piece is 12 inches long, from long point to long point with 22.5° ends.



*Cut list for Wood Christmas Tree from 2x4:*

*-14 inches, with one 22.5° end and one 45° end, (14 inches long point to long point)*

*-12 inches, with one 22.5° end and one 45° end (12 inches long point to long point)*

*-Four) at 12 inches, with 22.5° ends (12 inches long point to short point)*

*-21 inches with, with 22.5° ends (21 inches long point to long point)*

*-12 inches with, with 22.5° ends (12 inches long point to long point)*

## Layout Wood Christmas Tree from 2x4s

Sand all of your pieces now. It's way easier to do it now before it's assembled. :)

Lay out your tree pattern so you don't get them mixed up as you go.

## Assembling Wood Christmas Tree from 2x4s

Starting with the top two pieces, figure out where you want your two and a half inch screws to go in it and what angle. Mark where the screws need to enter and then the angle of where they need to go in at. Turn that board down and start your screws while it's flat on a surface. It's easier to start screws while the board is laying down.



Mark where the screws need to enter and then the angle of where they need to go in at.

If you are not using trim head screws and are using regular wood or drywall screws, you should PRE-DRILL your holes. I get my trim head screws from Home Depot, you can also order them from [Amazon here](#) from my affiliate link.



Once you get them started, place it back into position. I think it's easier to flip it up and hold it. Get a good grip on it and really hold it tight when putting the screws in.



Start the screws with the board laid flat.

Apply wood glue to where the boards will be together.





Apply wood glue for the best hold.

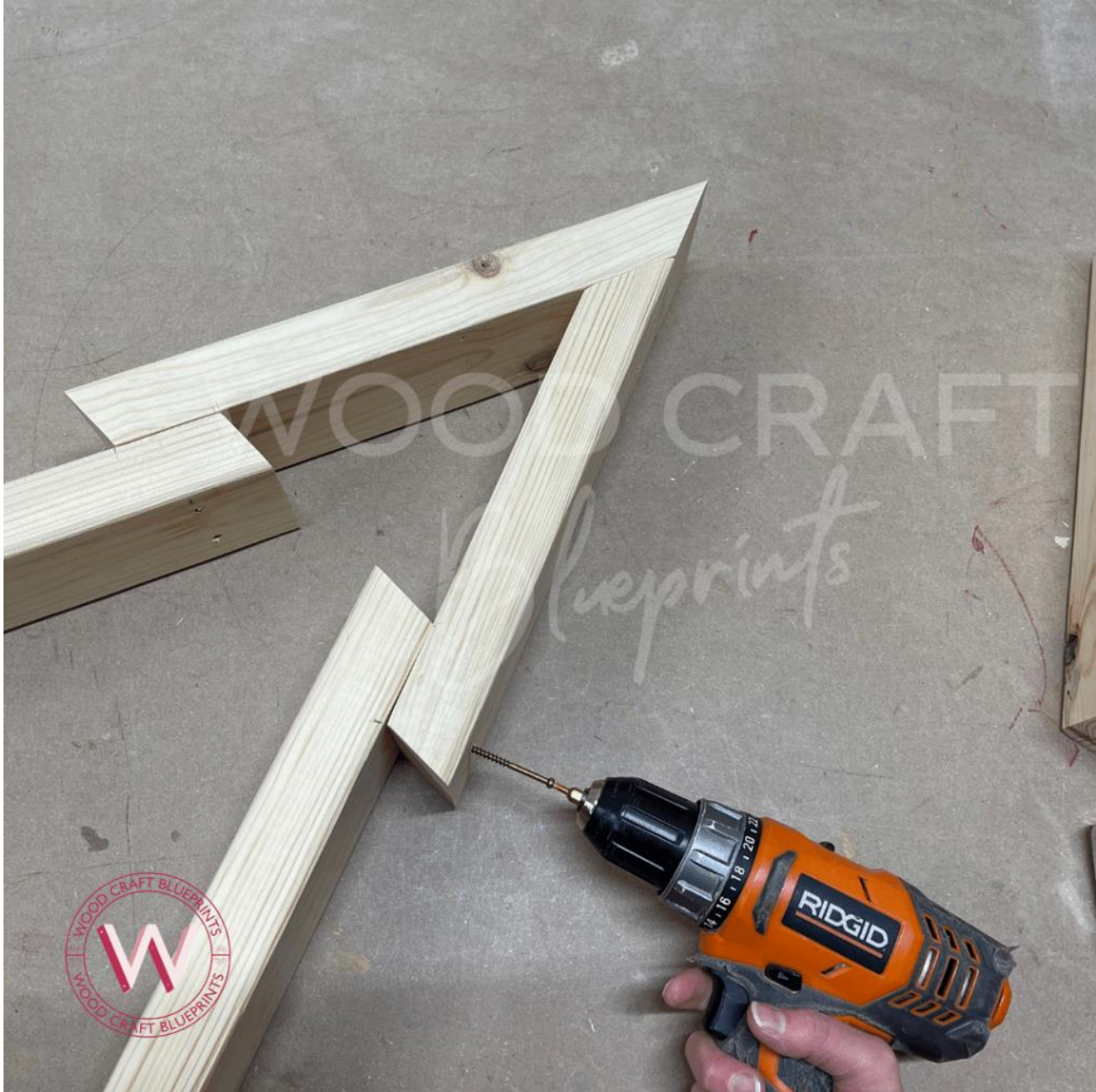
Finish driving the screws in all the way. It's important to work on a flat surface.



Drive screws the rest of the way in. Make sure there is a 2" overlap.

Now for the second side it's hard to angle the screws in because of limited space on the inside of the wood tree, so you can add the screws from the outside if you need to.





Fasten from outside, if needed.

I still like to add them from the inside so you don't see them, I just went in at an angle.

Now we're going to get move on to the third tier. Take your remaining 12 inch pieces and measure and mark two inches for the overlap.

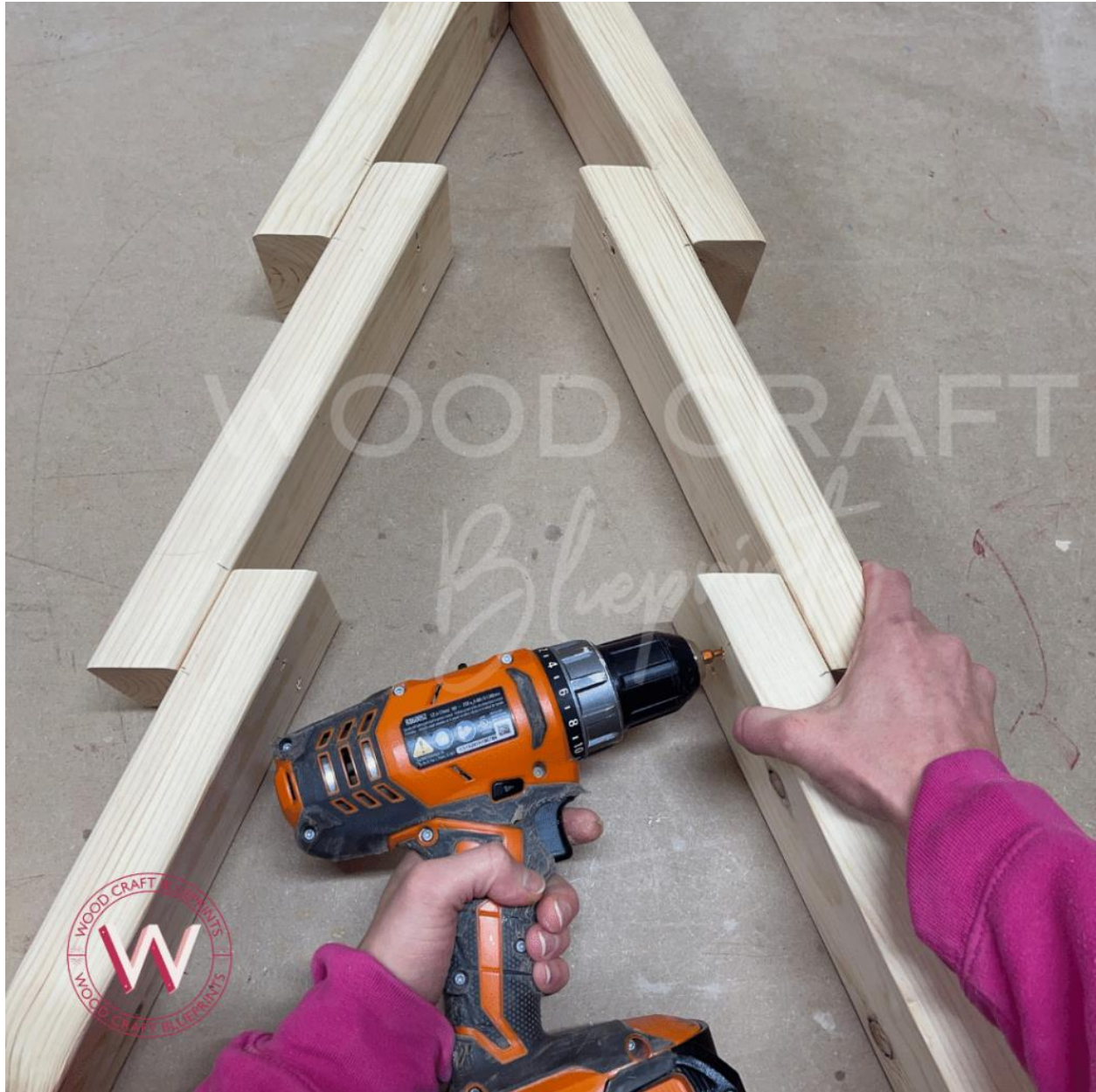
Mark where your screws need to enter, lay your boards flat and start your screws.





Starting screws for bottom tier.

Apply wood glue and then drive the screws in the rest of the way.



The bottom piece is 21 inches from long point to long point. On this bottom piece drive the screws in from the bottom.

Mark where your screws need to end and where your screws need to enter from. You don't want your screws too far in or too far out. They need to be centered to catch the middle of what it's going into.





You don't want your screws too far in or too far out.

Flip your board down and we will start the screws.

Add glue here if you'd like. Make sure you stay on a flat surface while you're making this so that the 2x4s do not twist.

Flip it over and put the remaining last two screws in.



The very last piece is our trunk This is 12 inches from long point to long point.  
Apply glue to the top side.



Make sure that this is centered, about five inches on each side. Attach with two screws.



Fasten “trunk” from bottom with 2 screws.

Sanding and Staining Wood Christmas Tree from 2x4s

Apply wood filler in the two screw holes at the top. I’m not worrying about the inside screw holes, because you won’t really be able to see them.

Sand off any pencil marks and sharp corners.





Once it's sanded, stain it whatever color you like. And if you'd like to decorate or not, I think leaving it a natural color it looks great, but there's a lot of things you can do with this. Leave it as a simple wooden Christmas tree, stain brown for a rustic look, stain golden oak for a boho look, use white acrylic paint and a baby wipe for a whitewash look, solid white paint for a farmhouse style look. Try different colors on each wood tree and pair as a set!





