

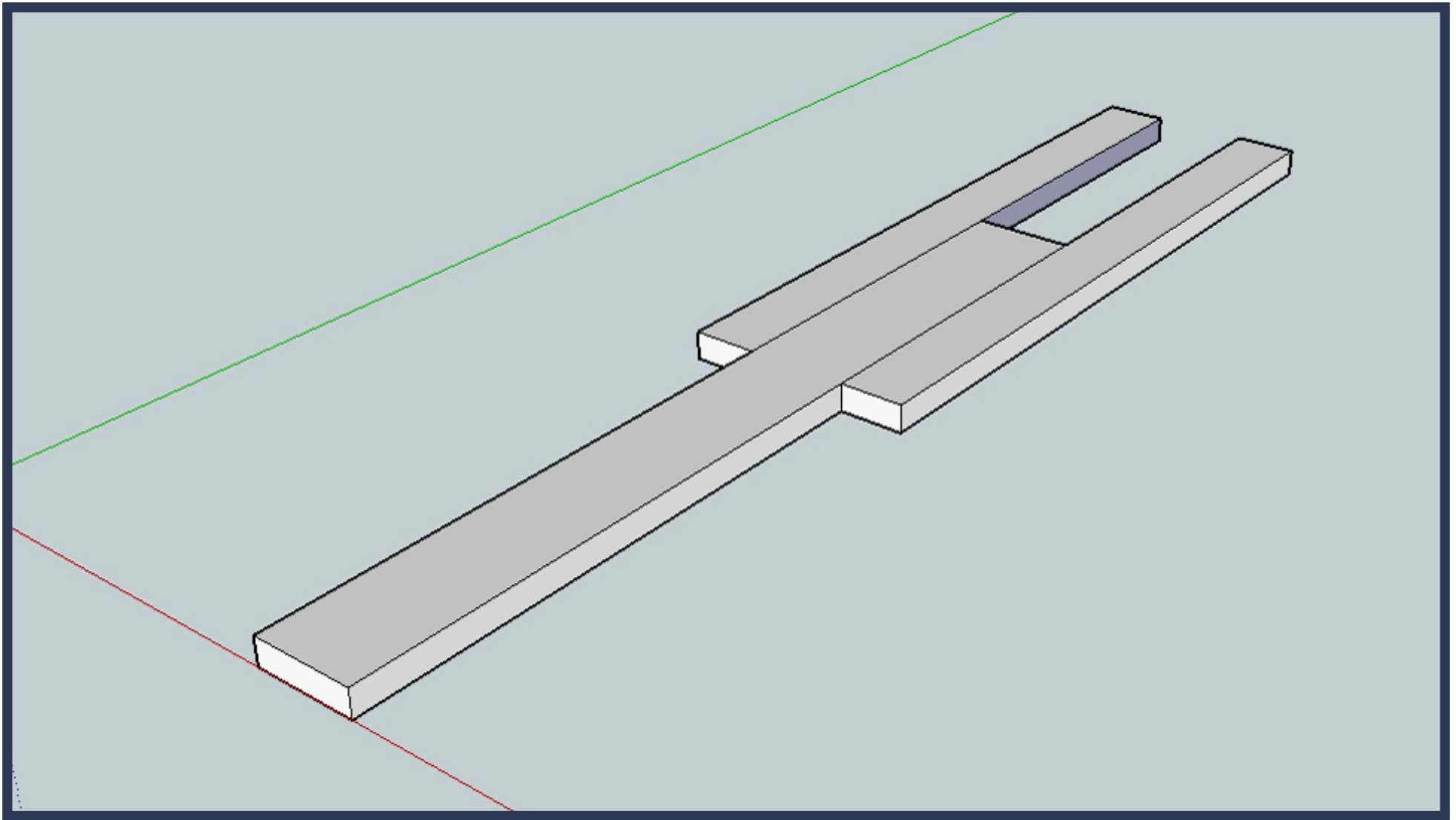
# Assembly Guide

## HOW TO MAKE A Wood Go kart

UPLOADED ON AUGUST 7, 2014

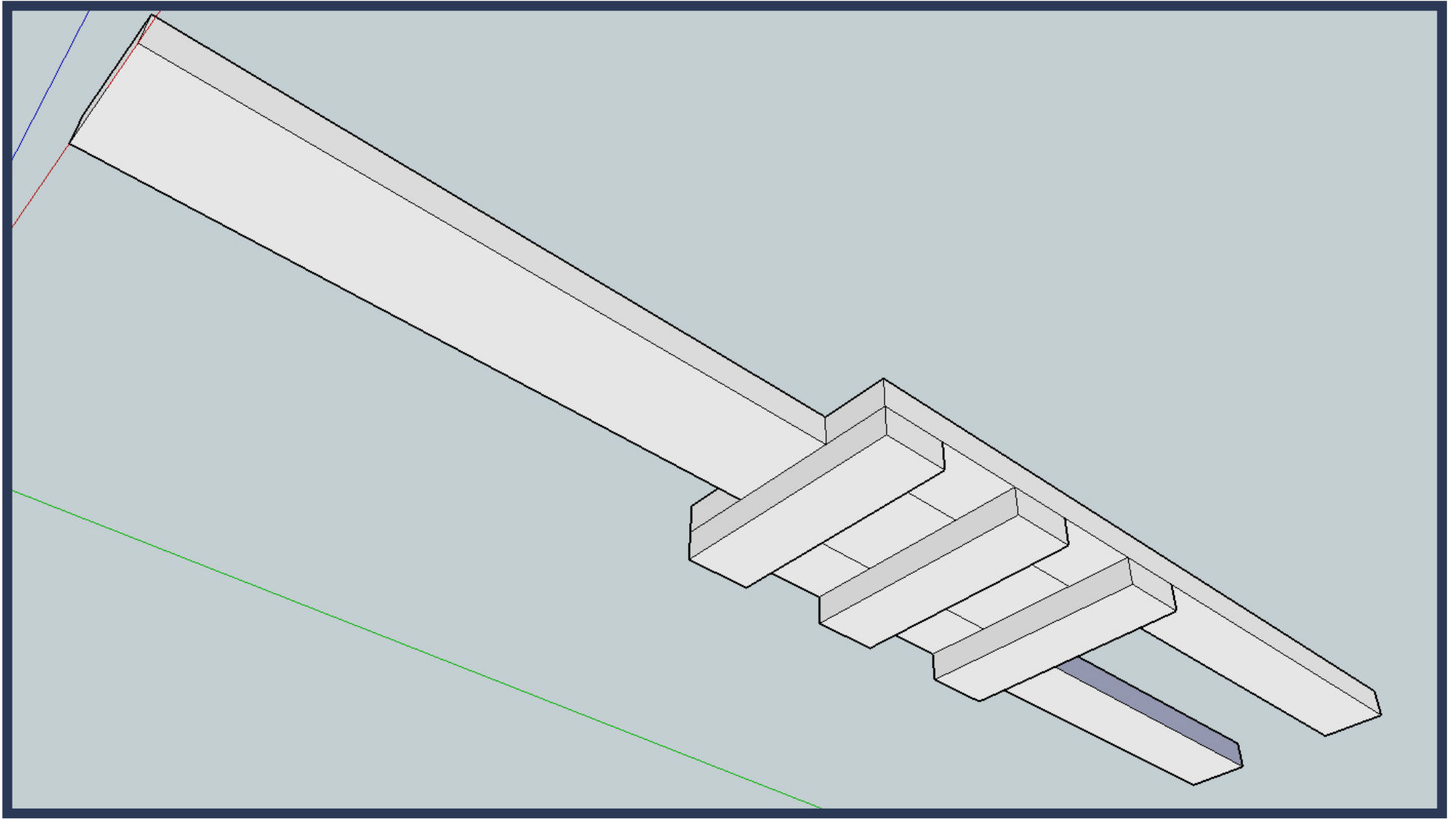


MORE INFORMATION ABOUT THIS PROJECT CAN BE FOUND AT [WOODWORKINGNUT.COM](http://WOODWORKINGNUT.COM)



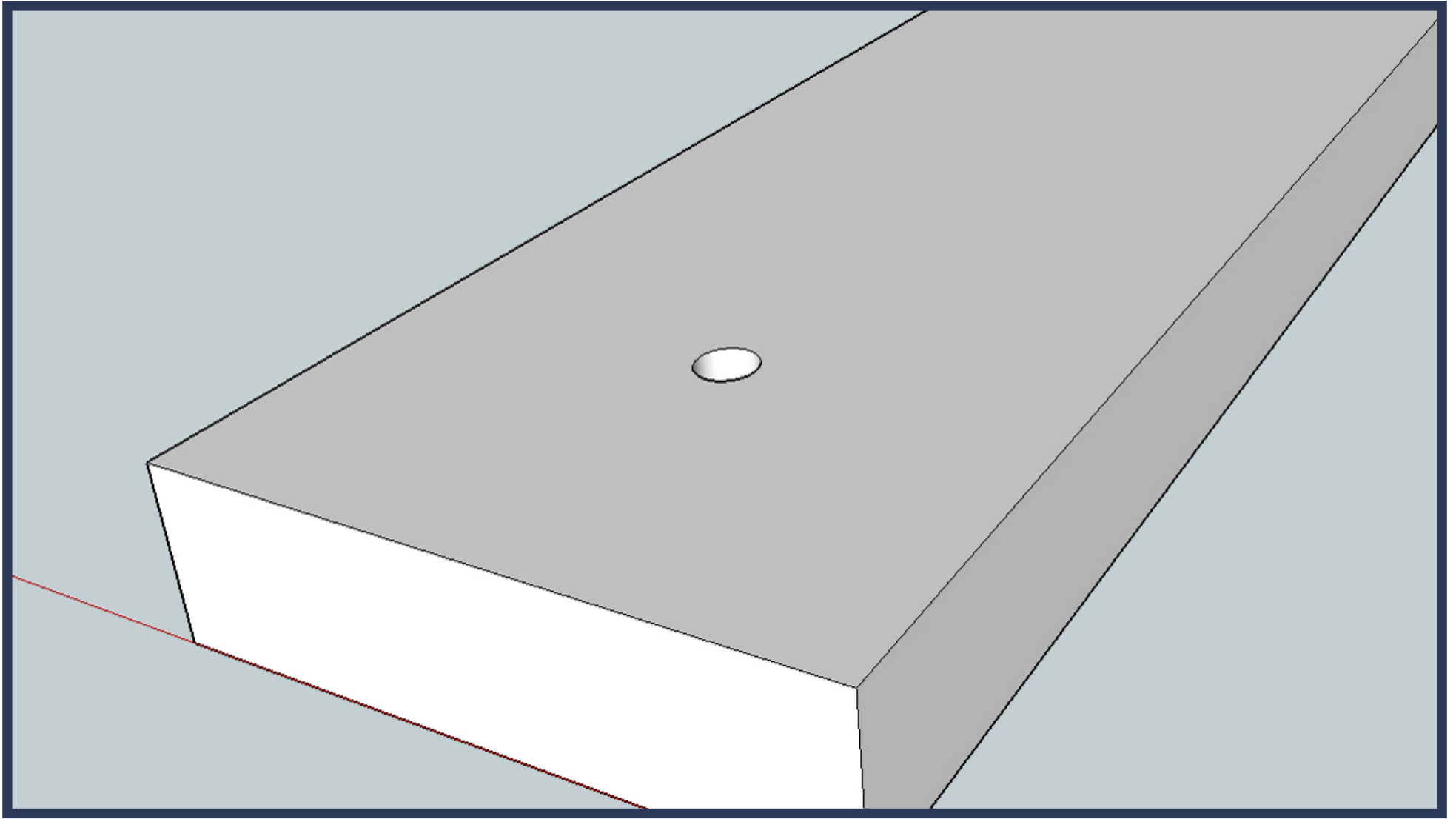
**Step 1:**

**Take one 2x6 at 50" Long and measure/mark 20" from one end. Take two 2x4's at 40" Long and place one on each side of your 2x6 at the 20" mark.**



**Step 2:**

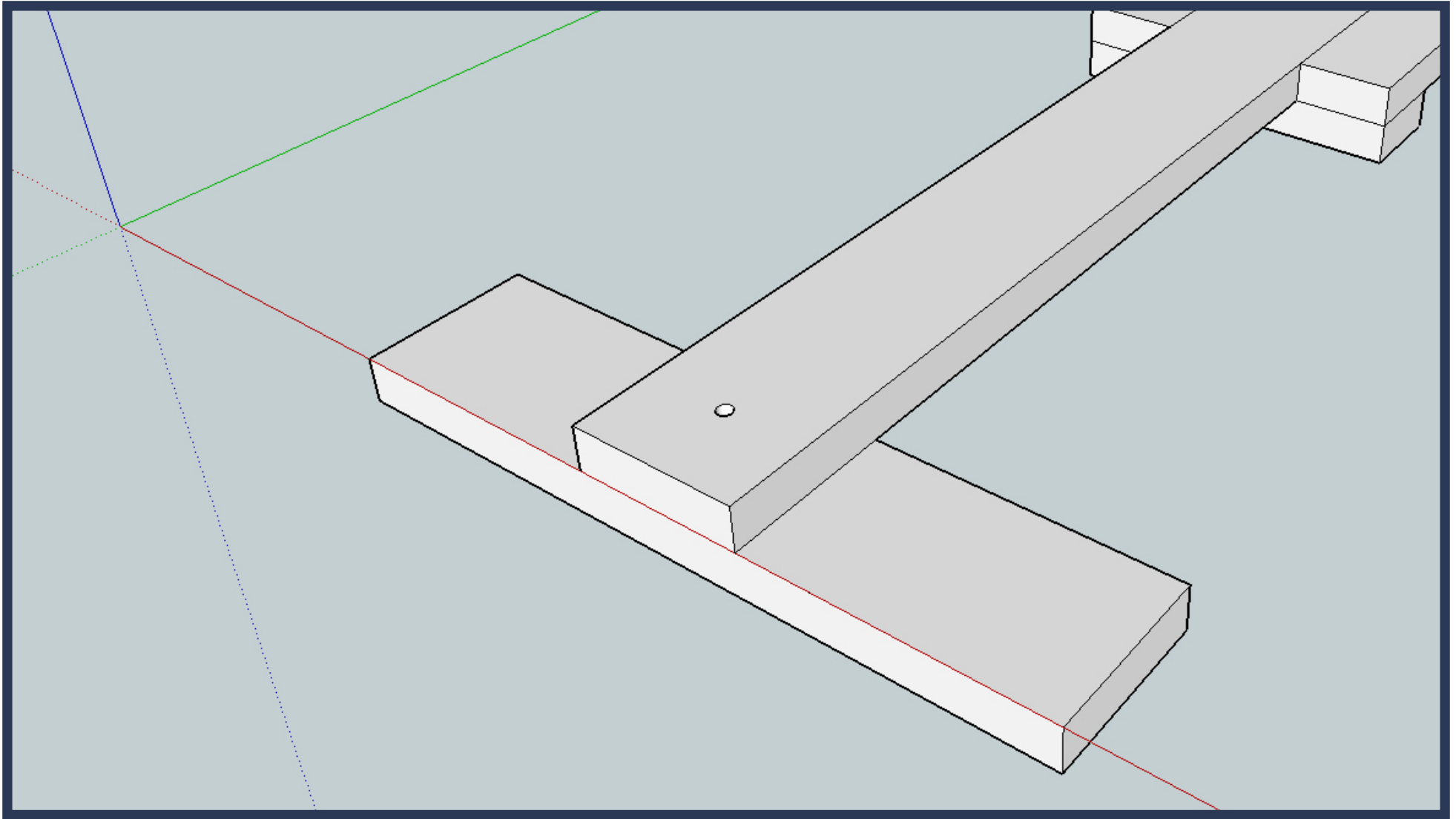
**Take three 2x4's at 12.5" long and glue/screw them to the bottom of the 2x4's and 2x6 pieces shown in step 1.**



**Step 3:**

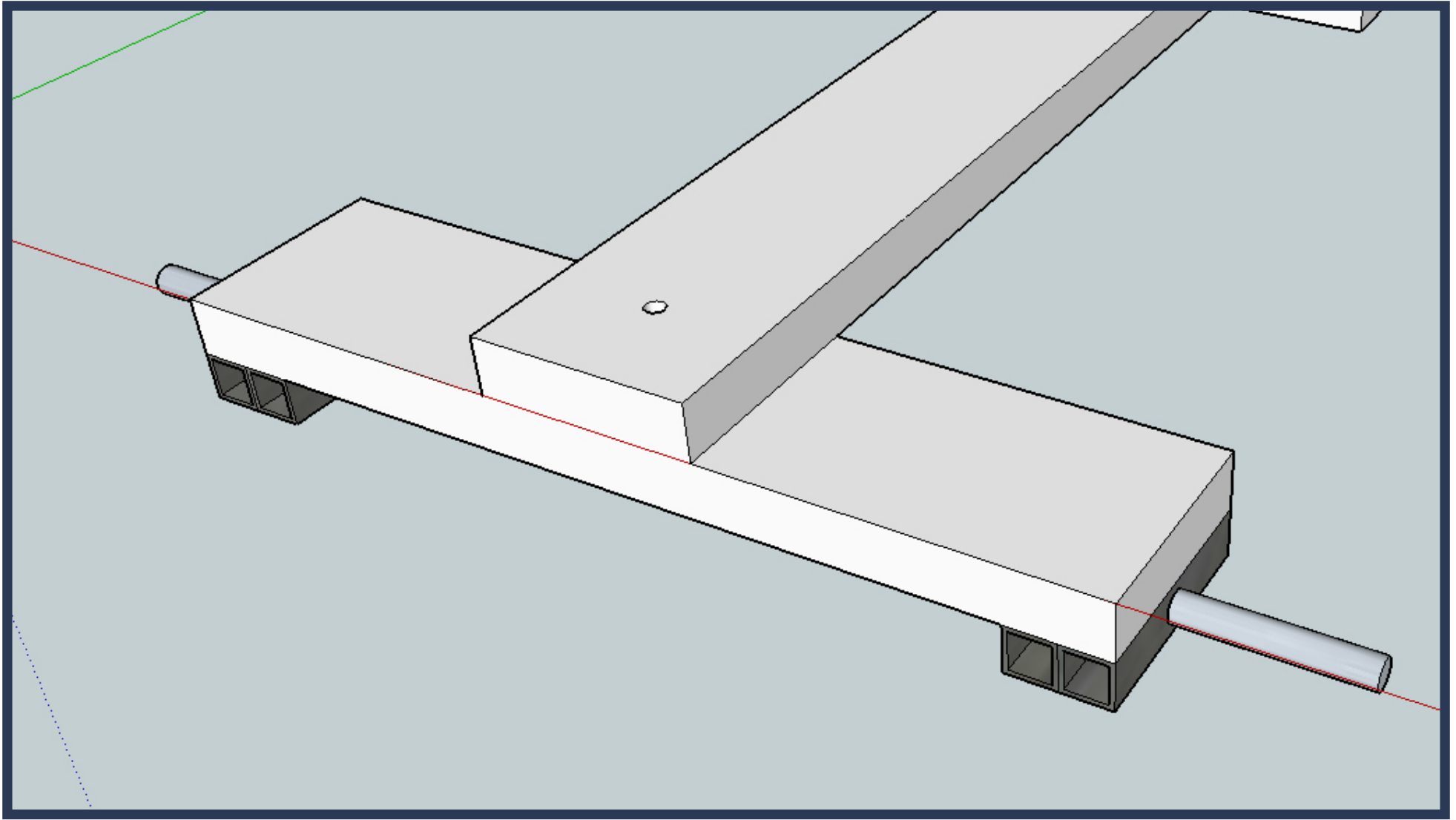
**Drill a 1/2" hole in the 2x6 board that is 50" long. The hole should be 2 3/4" on center from the end of the board.**





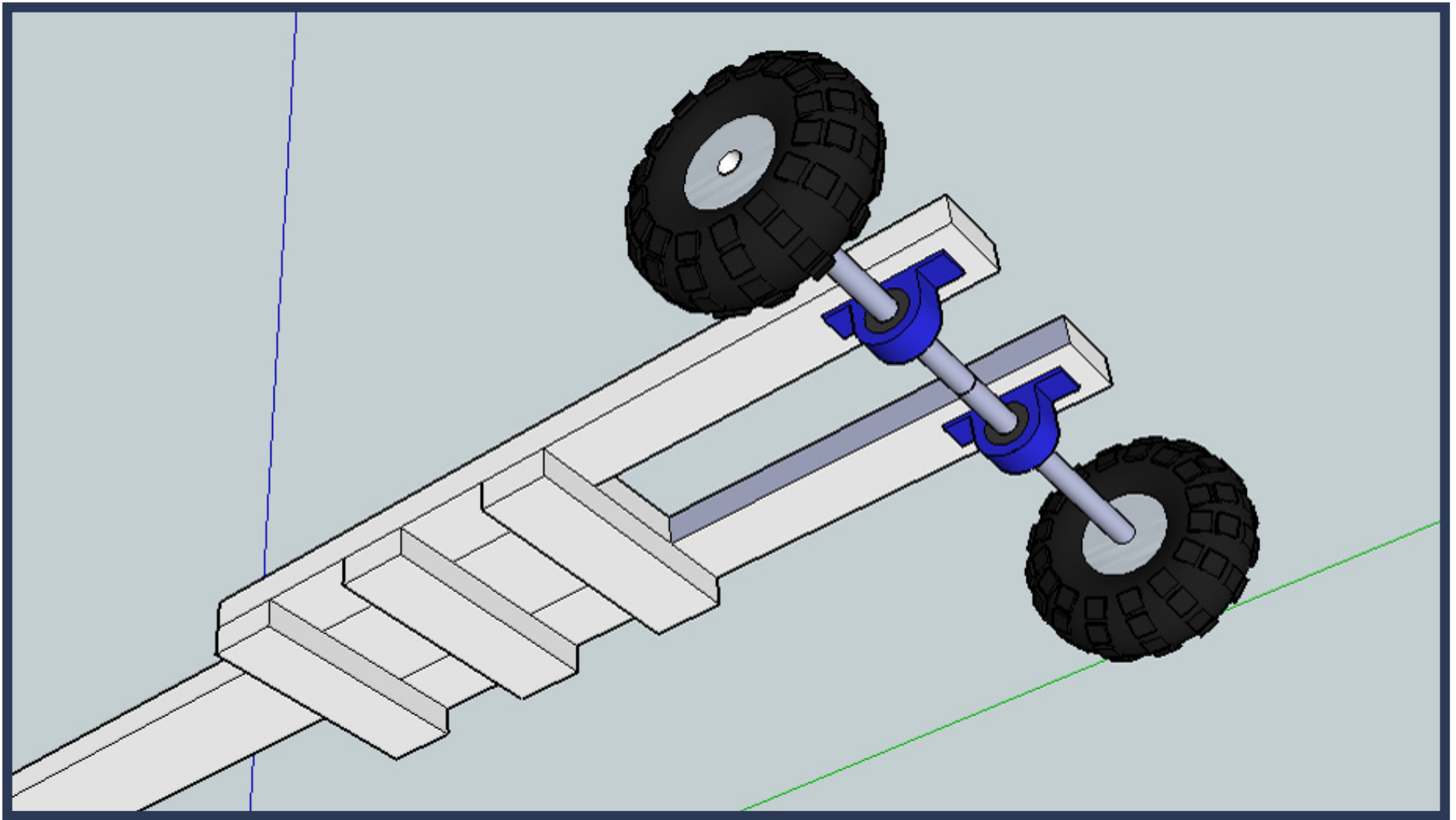
#### **Step 4:**

**Take a 2x6 at 24" long and drill another 1/2" hole in the center of the board. Using a 1/2" bolt at 4" long, 4- 1/2" washers and 2- 1/2" nuts, connect the boards together. The part 1 of 3 video demonstrates the proper installation.**



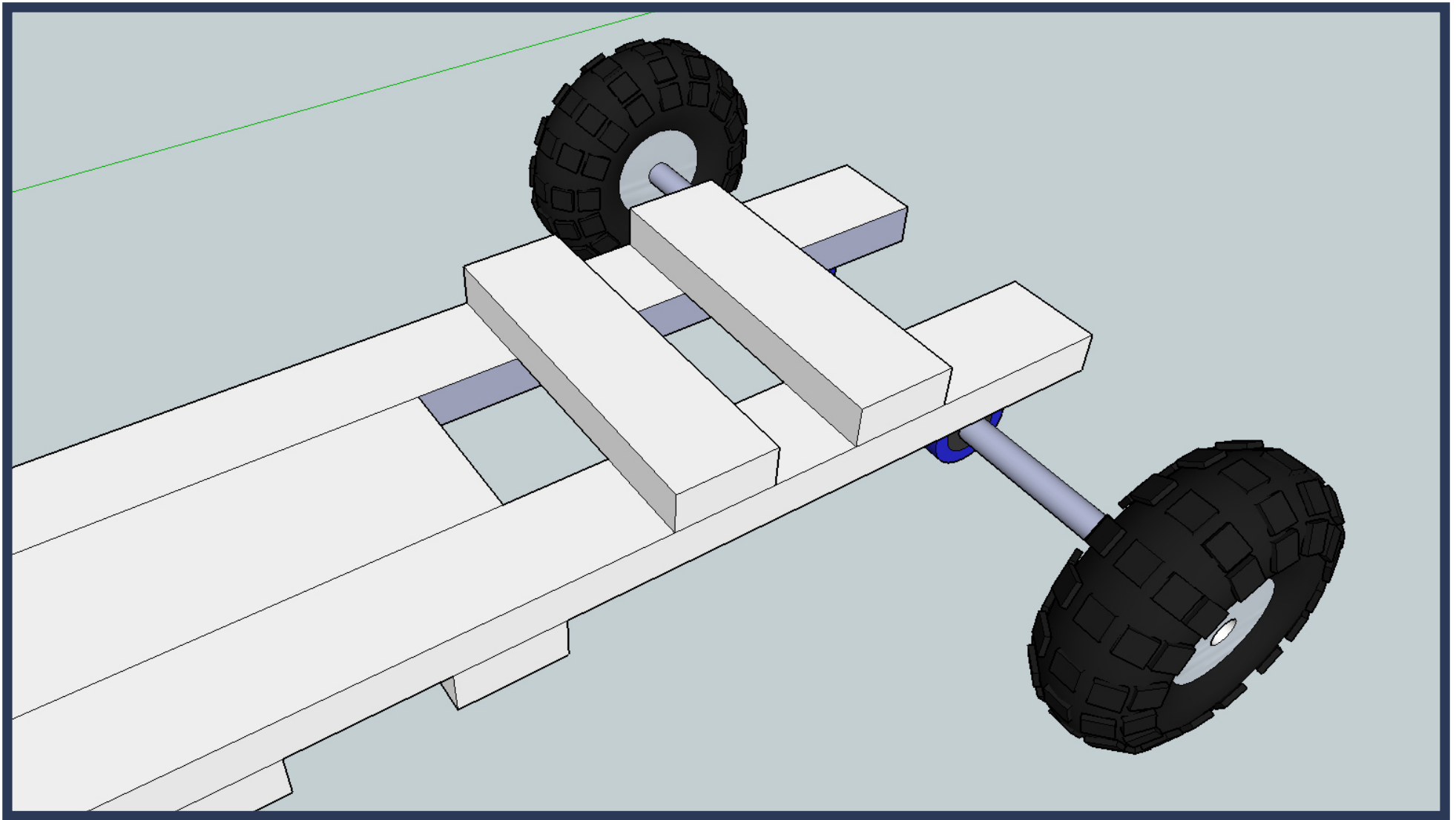
### **Step 5:**

**Bolt two 1 1/4" square metal tubes at 5.5" long to the 24" long 2x6 on each end using some 1/4" bolts at 4" long. Drill a 5/8" hole through the metal tubing and slide a 5/8" bolt at 6.5" Long through. You can now slide the wheels on and lock them in place with a 5/8" lock nut.**



### **Step 6:**

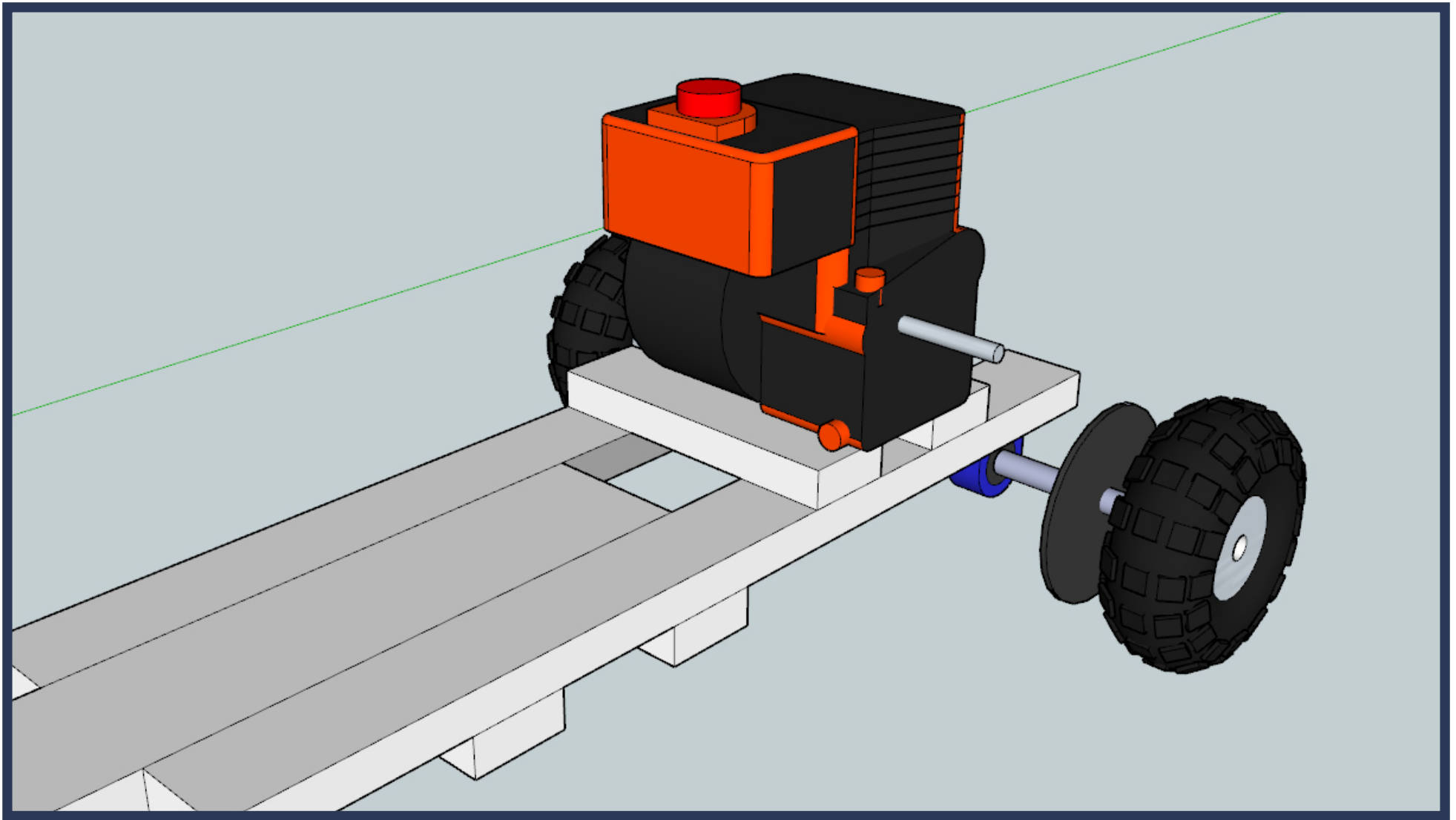
**For the back of the Kart, you'll need to bolt the pillow blocks to the bottom of the frame using four 1/2" bolts at 3" long, washers and nuts. You can now slide the axle into place as well as the brake drum, sprocket and wheels.**



### **Step 7:**

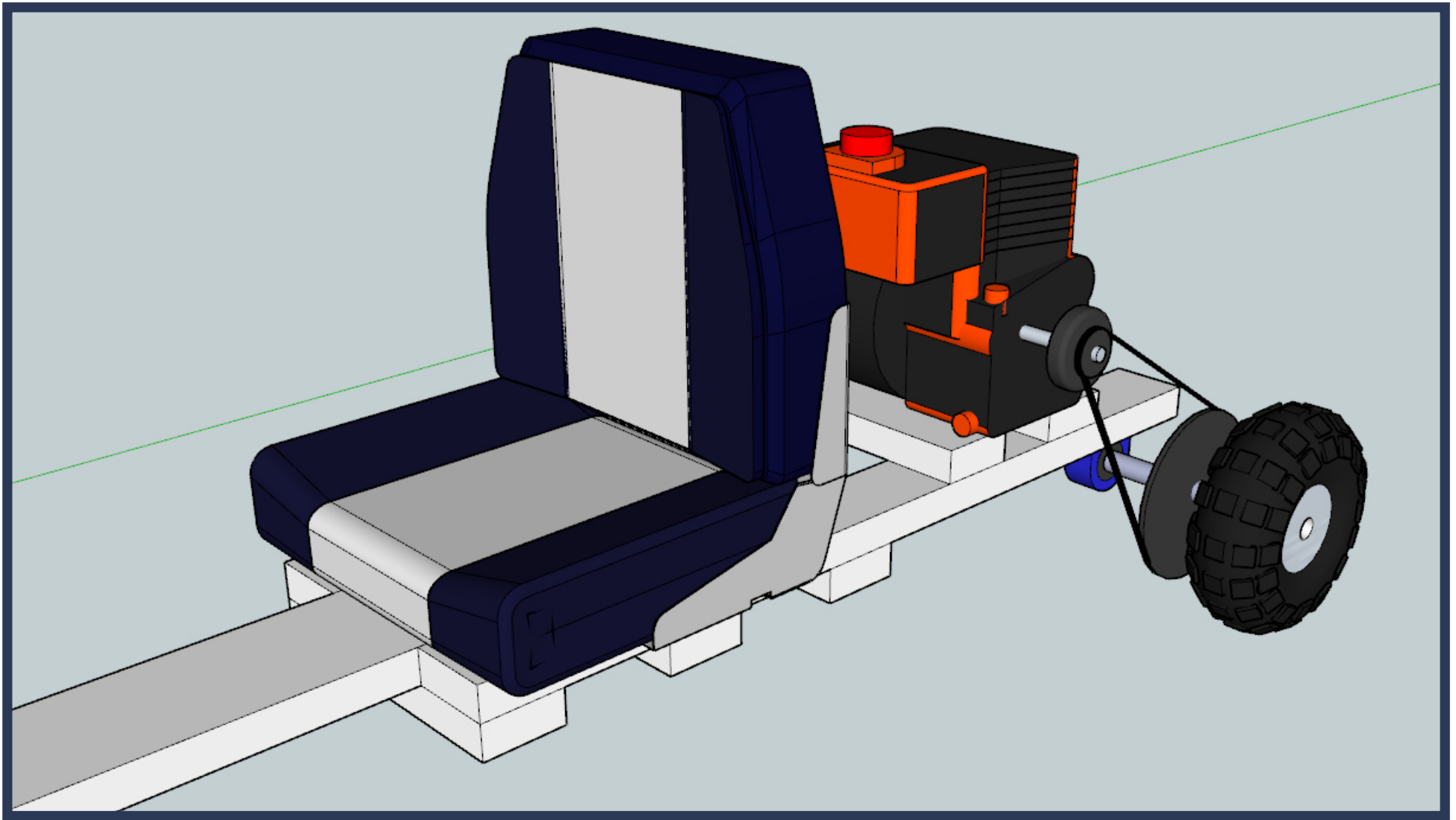
**To make an engine mount, you'll need two more 12.5" long 2x4's. Glue/screw them into place on top of the frame as far back as you can without interfering with the bolts that are holding the pillow blocks in place.**





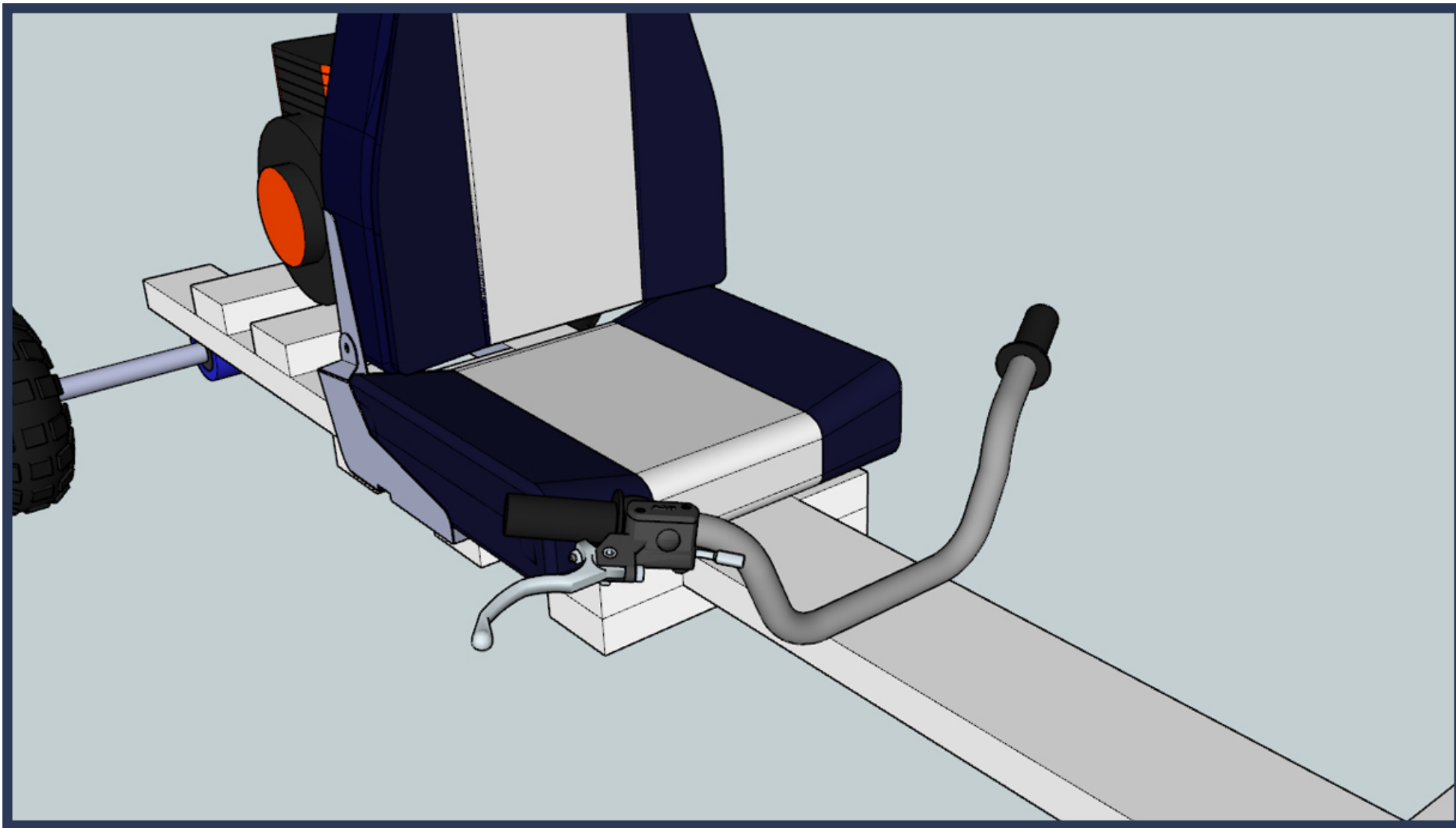
### **Step 8:**

**Now you can mount the engine to the frame using the four 5/16" bolts, eight washers (one on top and one on the bottom) and four nuts. The two engine bolts on the left side will need to be 5" long (goes through two 2x4's) and the two on the right side will only need to be 3" long (only goes through one 2x4).**



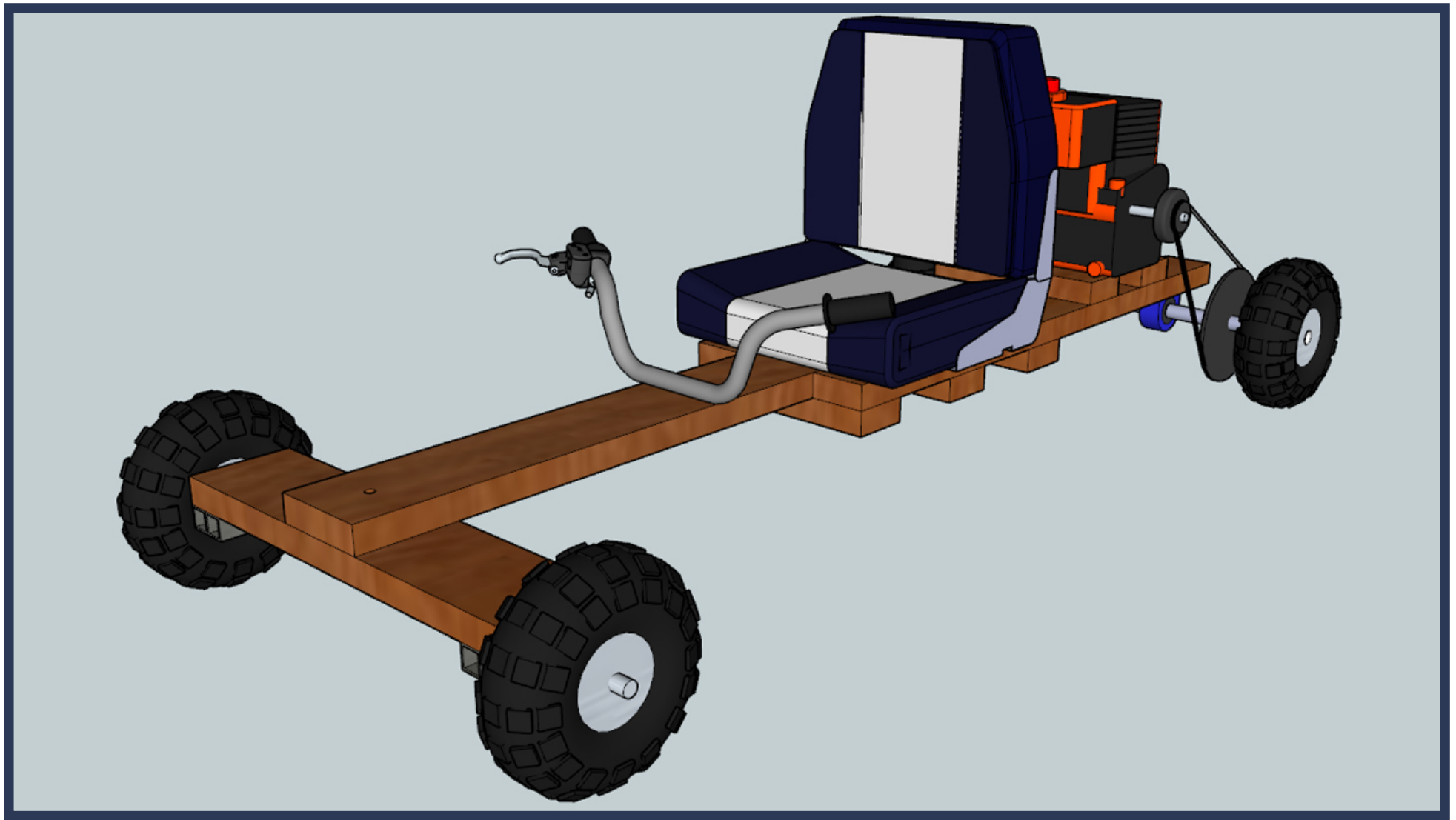
### **Step 9:**

**You can now add the chain, mount the band drum for the brake (I used a lag bolt that I had laying around the shop) and mount the seat into place. The seat will get bolted in place from the underside of the kart. Depending on what brand seat you get, you'll have to figure out what size bolts you need for mounting it.**



### **Step 10:**

**Using either handlebars or a 7/8" metal pipe, you'll want to mount the bars at a comfortable spot just in front of the seat. You can mount the bars with strap clamps and wood screws (or bolts for a stronger hold). With your bars in place, you can add the throttle grip and brake lever as well as their respective cables.**



### **Final Notes:**

**This was just a quick guide to help you get started with your own kart. If you have any questions, be sure to check out all three video parts where I go into full depth about how I built the go kart (Step-by-Step). If you still have any confusion, fill out a contact form on [woodworkingnut.com](http://woodworkingnut.com) and I'll try to respond as soon as I can.**





**212cc Engine Mounting Plate Template:**  
**Dimensions: 3.07" (78mm) x 6.38" (162mm)**  
**Bolt Hole Size: 5/16"**