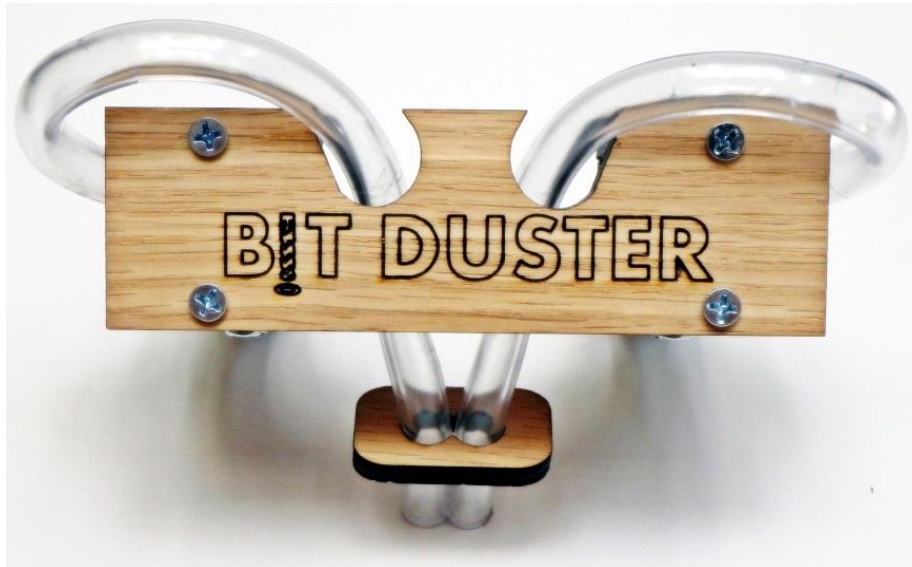


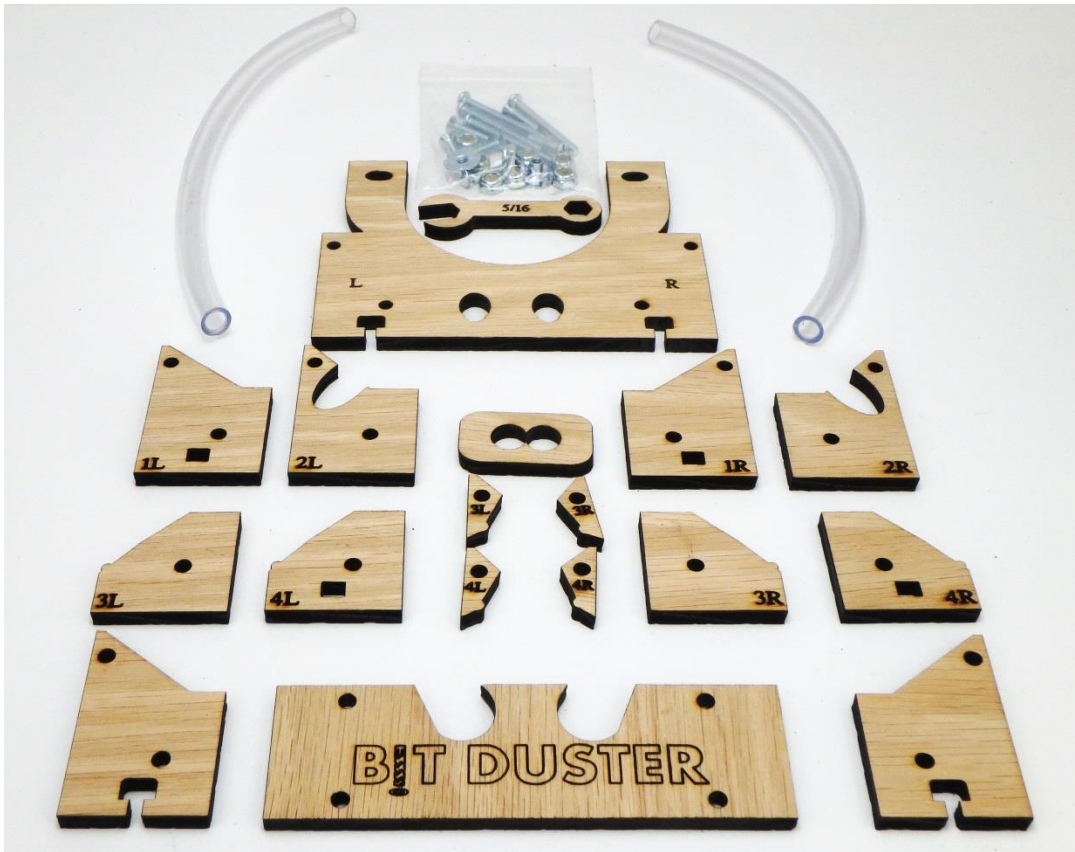
Bit Duster Assembly Instructions (E3\E4 CNC)



Bit Duster (Assembly Kit Includes) -

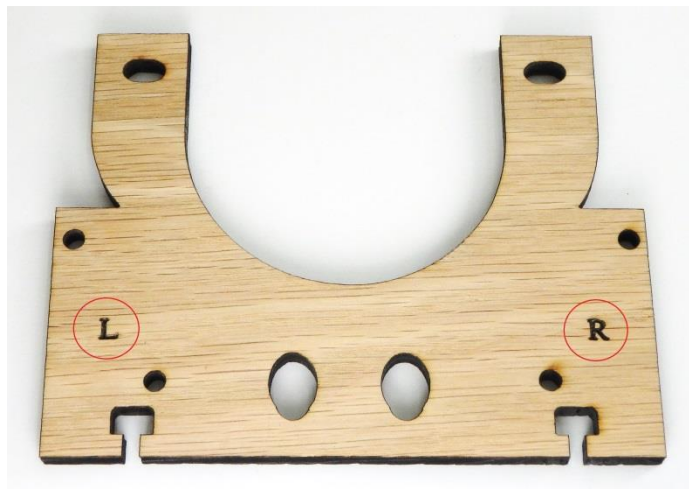
- (1) Bit Duster (Assembly Kit Birch Plywood Pieces)
- (6) 6-32 5/8 Machine Screws
- (4) 6-32 1 1/2 Machine Screws
- (8) 6-32 Locking Nuts
- (2) 6-32 Tee-Nuts
- (2) Vinyl Hose

Step 1: Layout all the parts with the numbers facing up..



Step 2: Place the base in this direction, as show in the picture.

Note: **L** and **R** stand for Right and left.



Step 3: Lay **1L** on the **L** side and **1R** on **R** Side.



Step 4: Lay **2L** on the **L** side and **2R** on **R** Side.



Step 5: Lay **3L** on the **L** side and **3R** on **R** Side.



Step 6: Lay **4L** on the **L** side and **4R** on **R** Side.



Step 7: Lay Short **3L** on the **L** side and Short **3R** on **R** Side.



Step 8: Lay Short **4L** on the **L** side and Short **4R** on **R** Side.

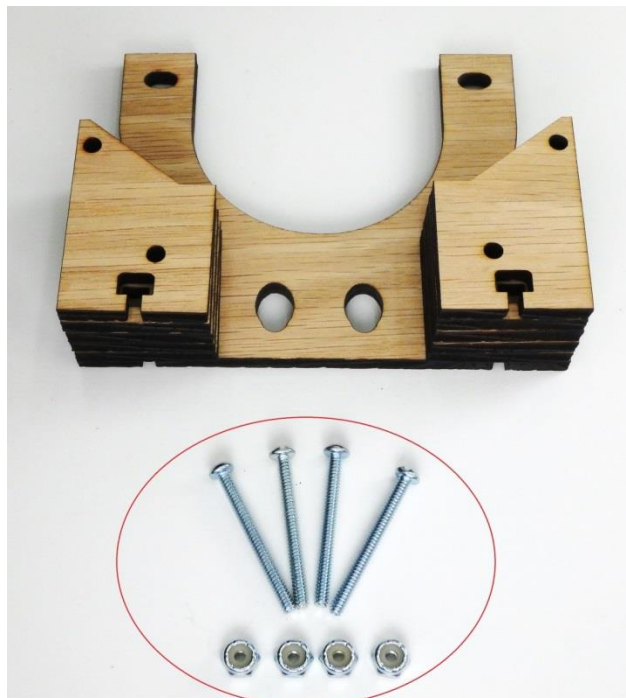


Step 9: Lay the final top pieces on top. (Laser scorched side down.)



Step 10: Pull out the 4 Long Machine Screws and 4 Lock Nuts.

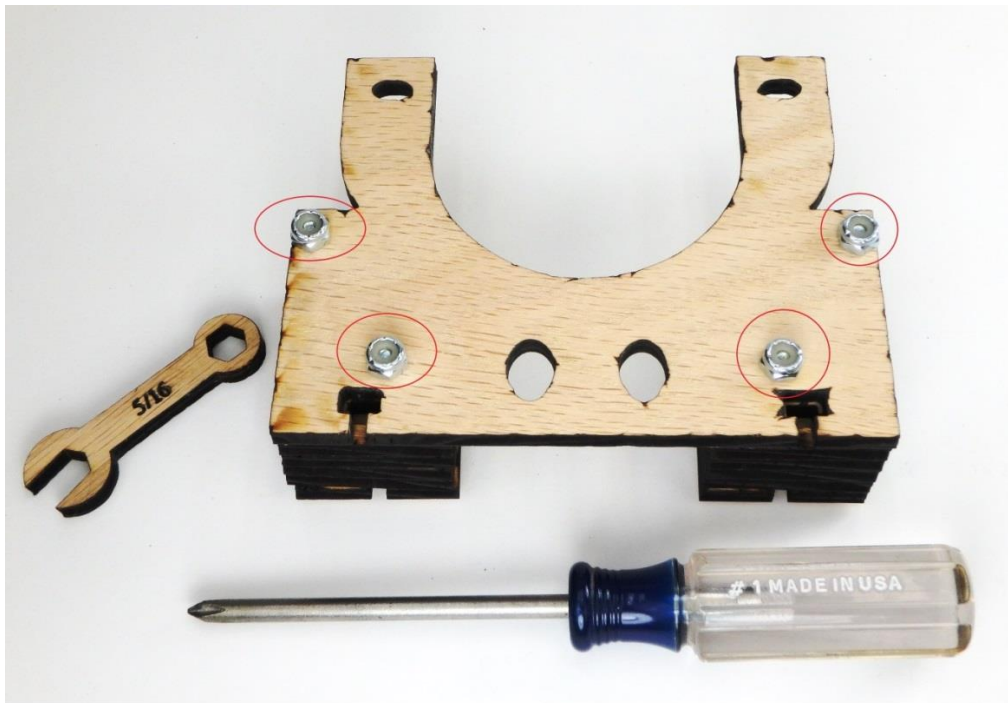
Tip: All Long Screws and All Lock Nuts are the same size



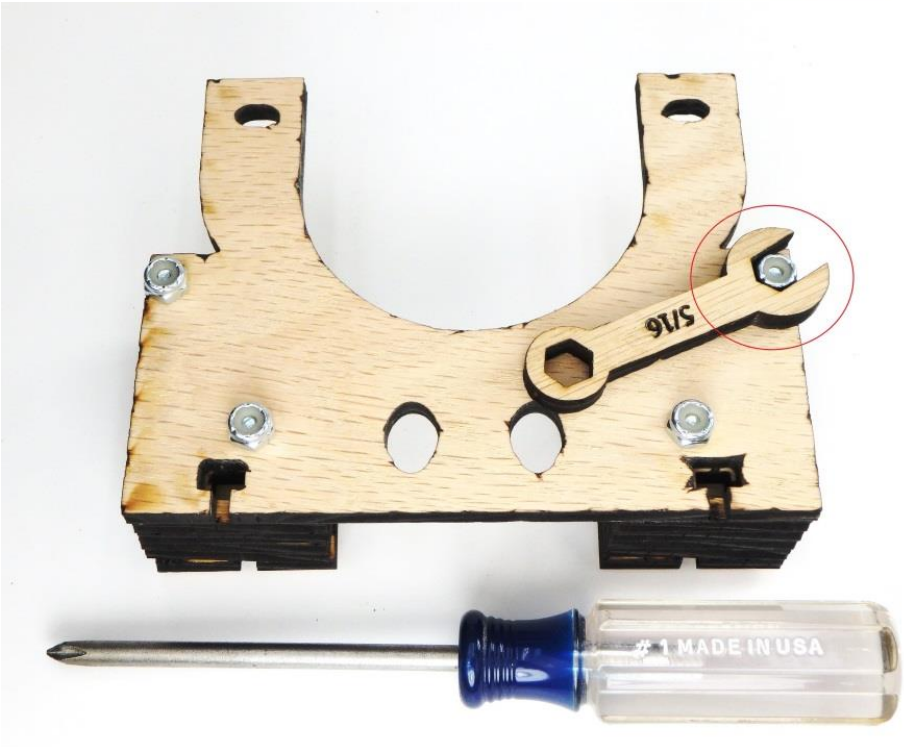
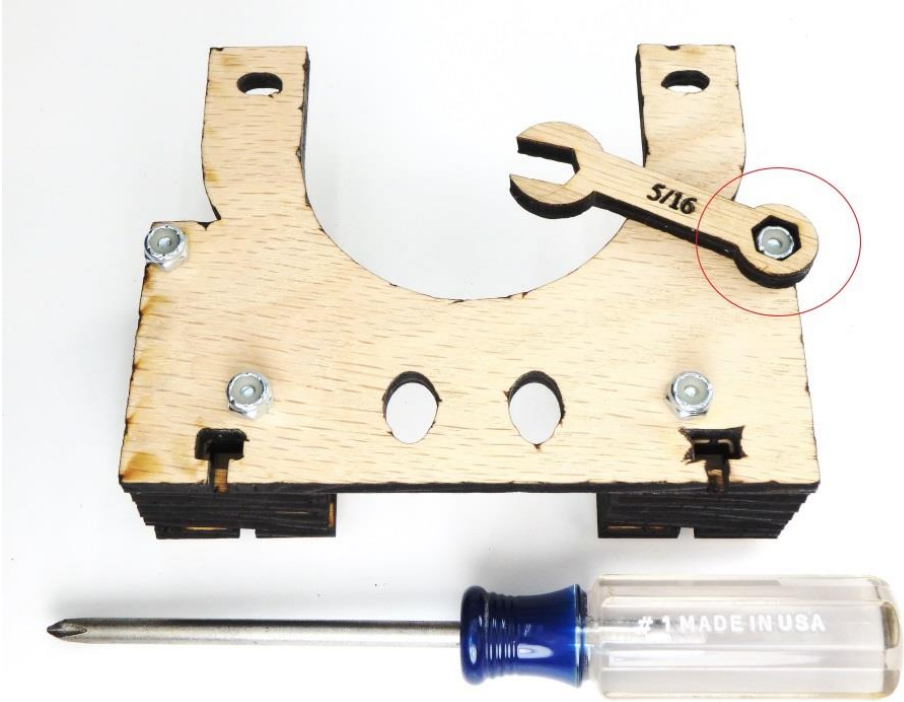
Step 11: Place the 4 Long Machine screws as shown here going through all the holes and coming out the bottom.



Step 12: Flip the bit duster over and finger tighten the Lock nuts onto the Long Machine screws.

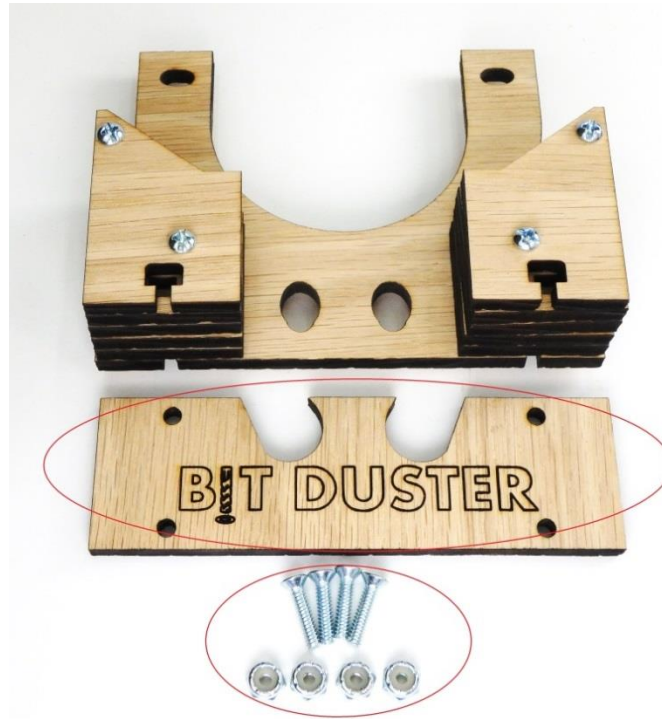


Step 13: Use a Phillips screw driver and the wooden wrench provided to tighten the nuts. Either wrench end will work.



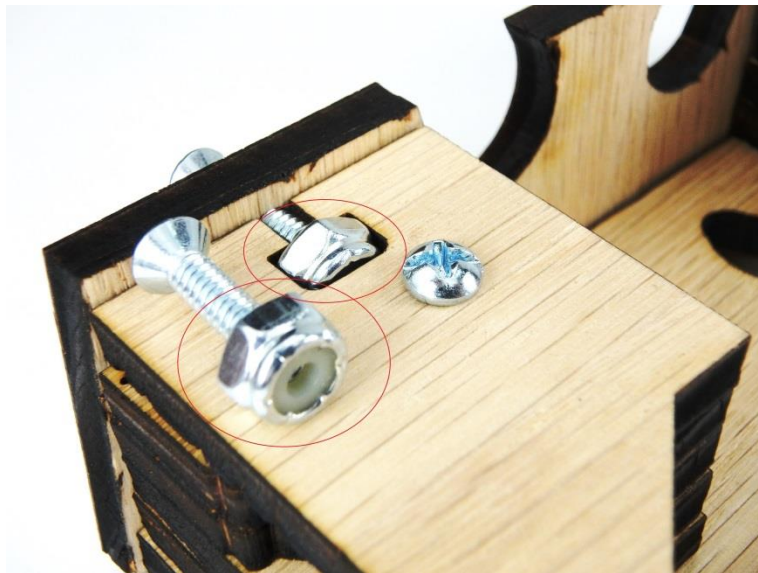
Step 14: Locate 4 short Machine screws, and 4 Lock nuts, along with the Bit Duster face plate.

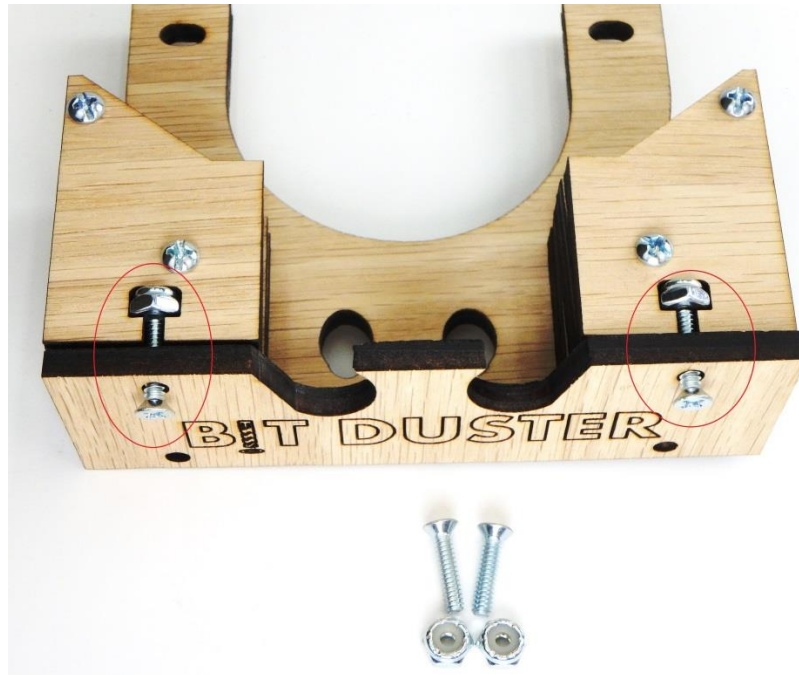
Tip: All Short Machine screws and All Lock Nuts are all the same size.



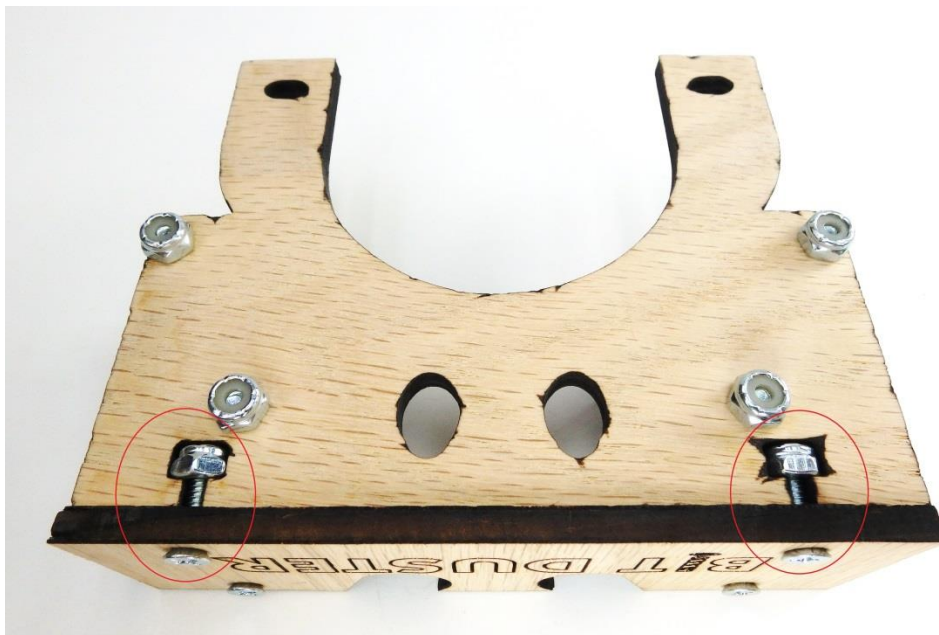
Step 15: Drop the Lock Nuts in the top holes in this direction shown. Using a Phillips screw driver, screw the short Machine Screws into the Lock nuts, but don't fully tighten yet.

(You may have to roll the Lock Nuts until they drop in, they will fit, but may need rolled)





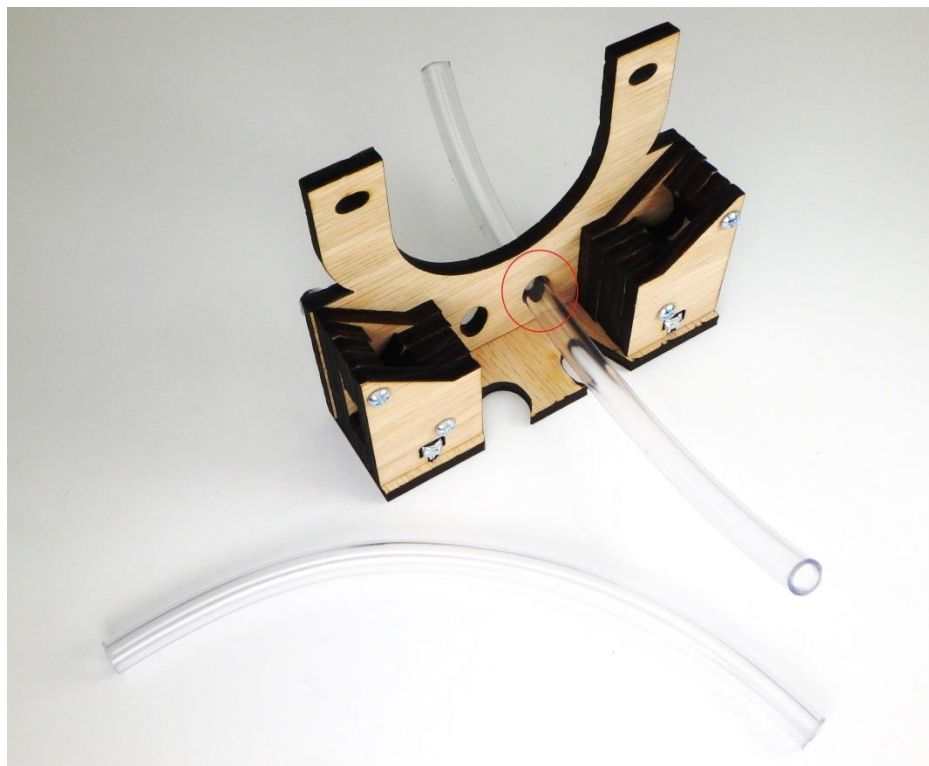
Step 17: Flip the Bit Duster over and screw in the bottom 2 Short Machine screws and 2 Lock nuts. Fully tighten bottom and top screws now.



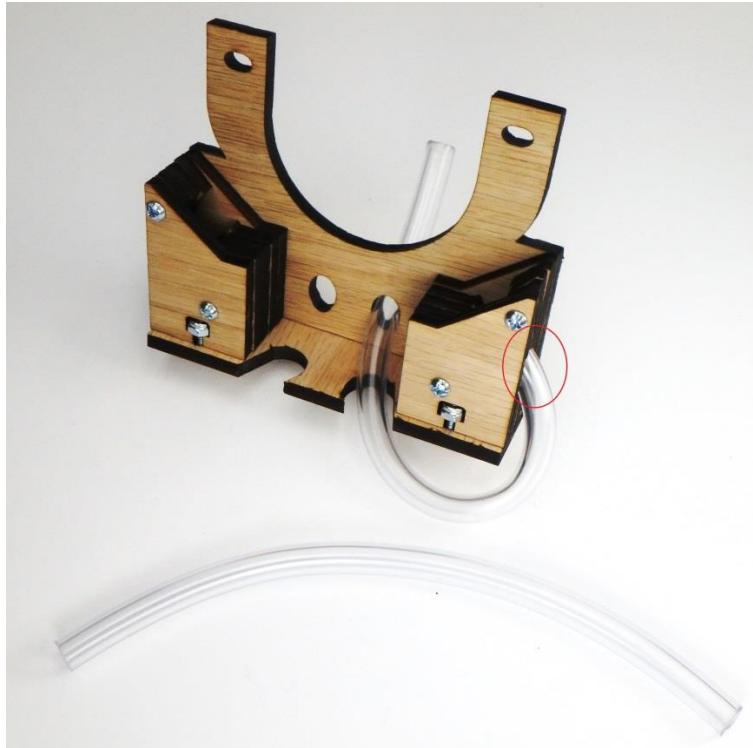
Step 18: Locate the 2 Vinyl hoses.



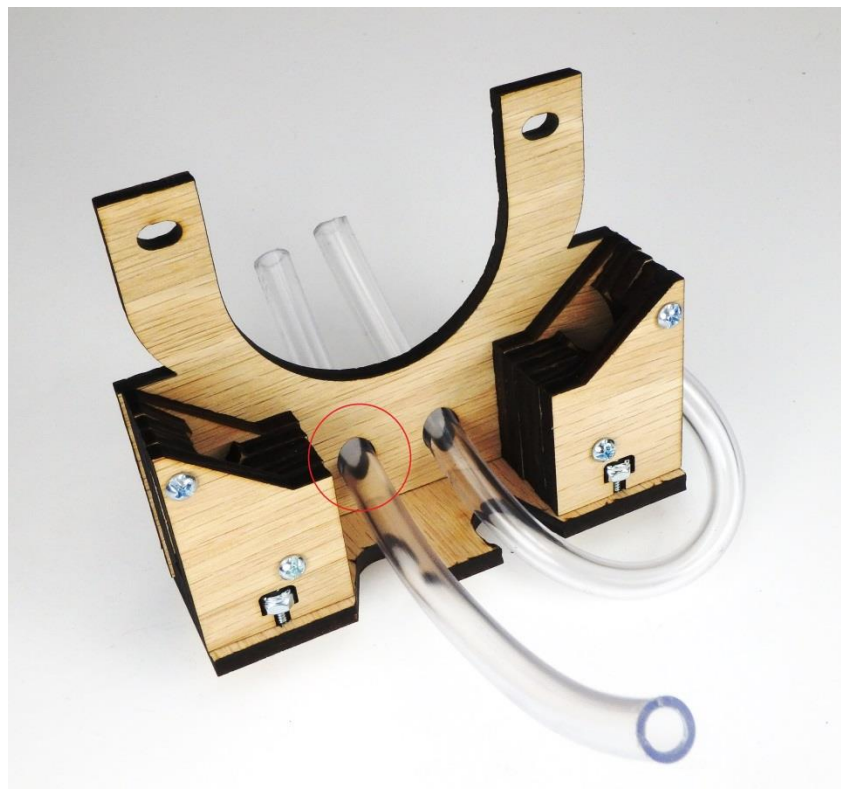
Step 19: Insert 1 hose into the hole show below.



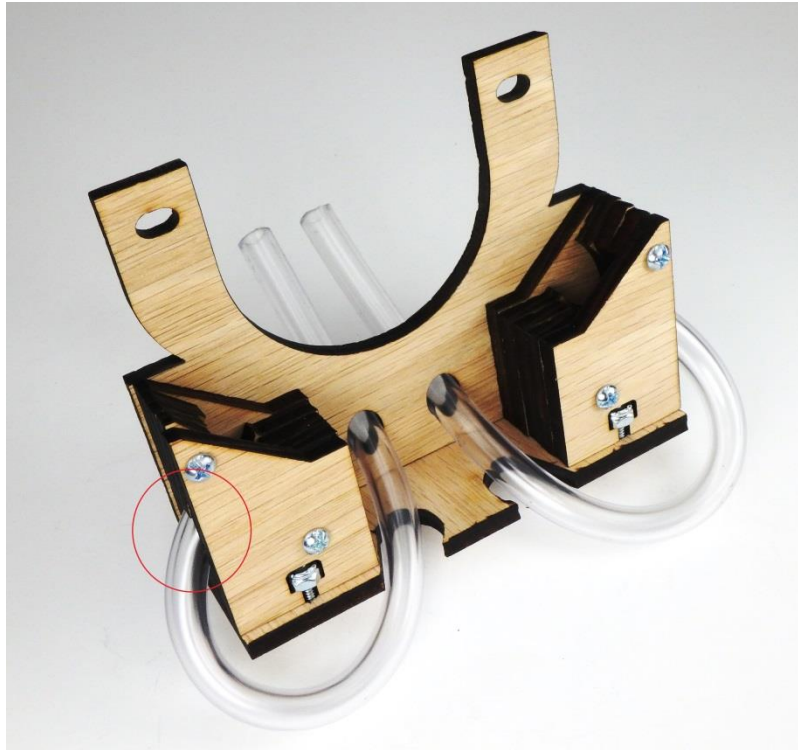
Step 20: Bend the hose around the front and into the side hole.



Step 21: Take the 2nd hose and place it in the hole shown below.



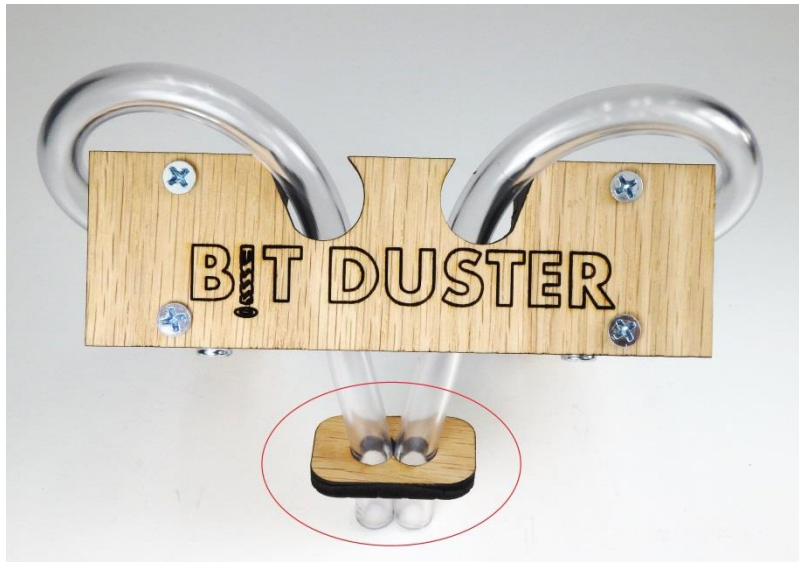
Step 22: Bend the hose around the front and into the side hole.



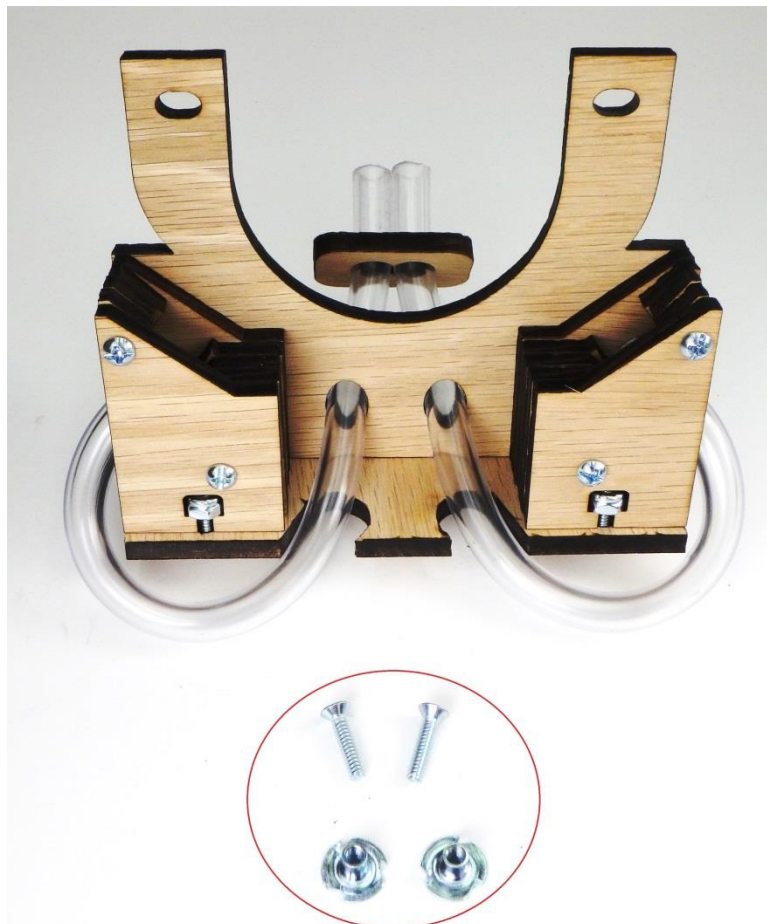
Step 23: Locate the Hose holder.



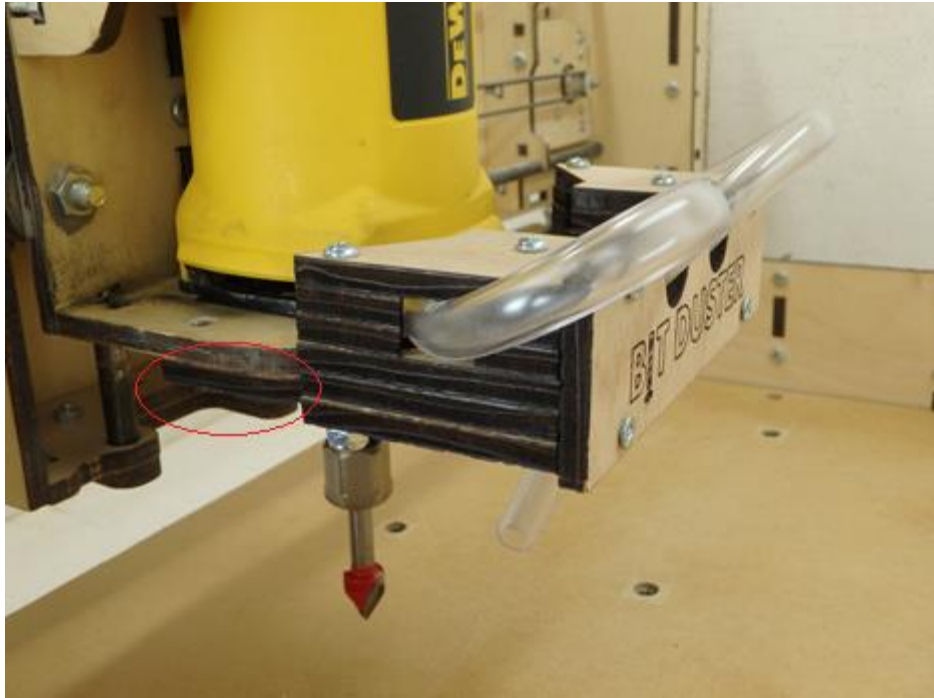
Step 24: Place both hose's in the hose holder as shown.



Step 25: Locate the 2 Short Machine screws and 2 Tee Nuts.



Step 26: Mount the Bit Duster underneath the front of the E3\E4 CNC. Aligning the CNC and Bit Duster holes.



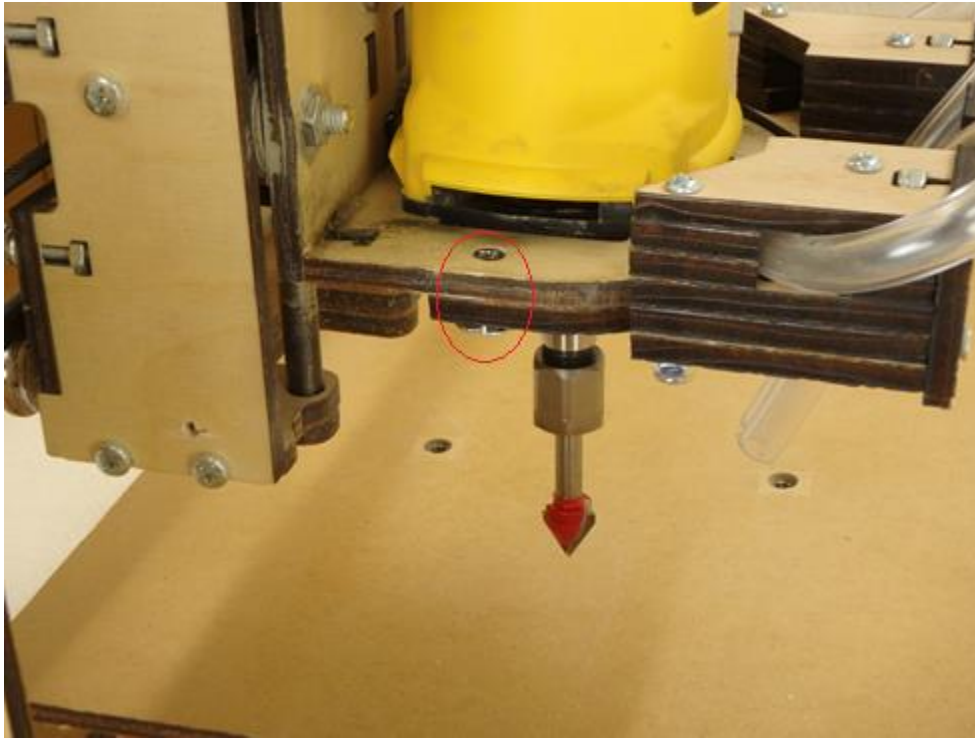
Step 27: Place a short machine screw through the CNC hole and into the Bit Duster Hole.



Step 28: Attach Tee Nut from underneath onto the short Machine screw.

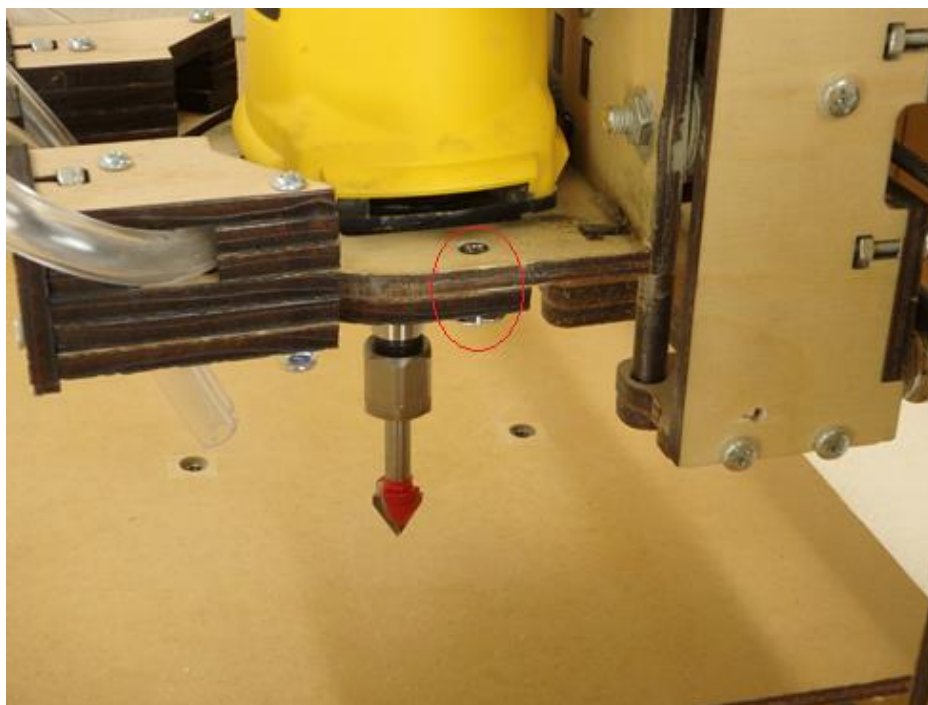


Step 29: Use a screw driver to tighten the Tee Nut until tight.



Step 30: Add the other short Machine screw and Tee Nut to the opposite side of the Bit Duster.





You are now setup to start using you're new Bit Duster.

Fun Tip: Should the vinyl hoses ever lose the nice curve towards the bit due to earth's gravity, pull them out and reverse the ends for a perfect curve again.

Enjoy! - WoodenCreationz

