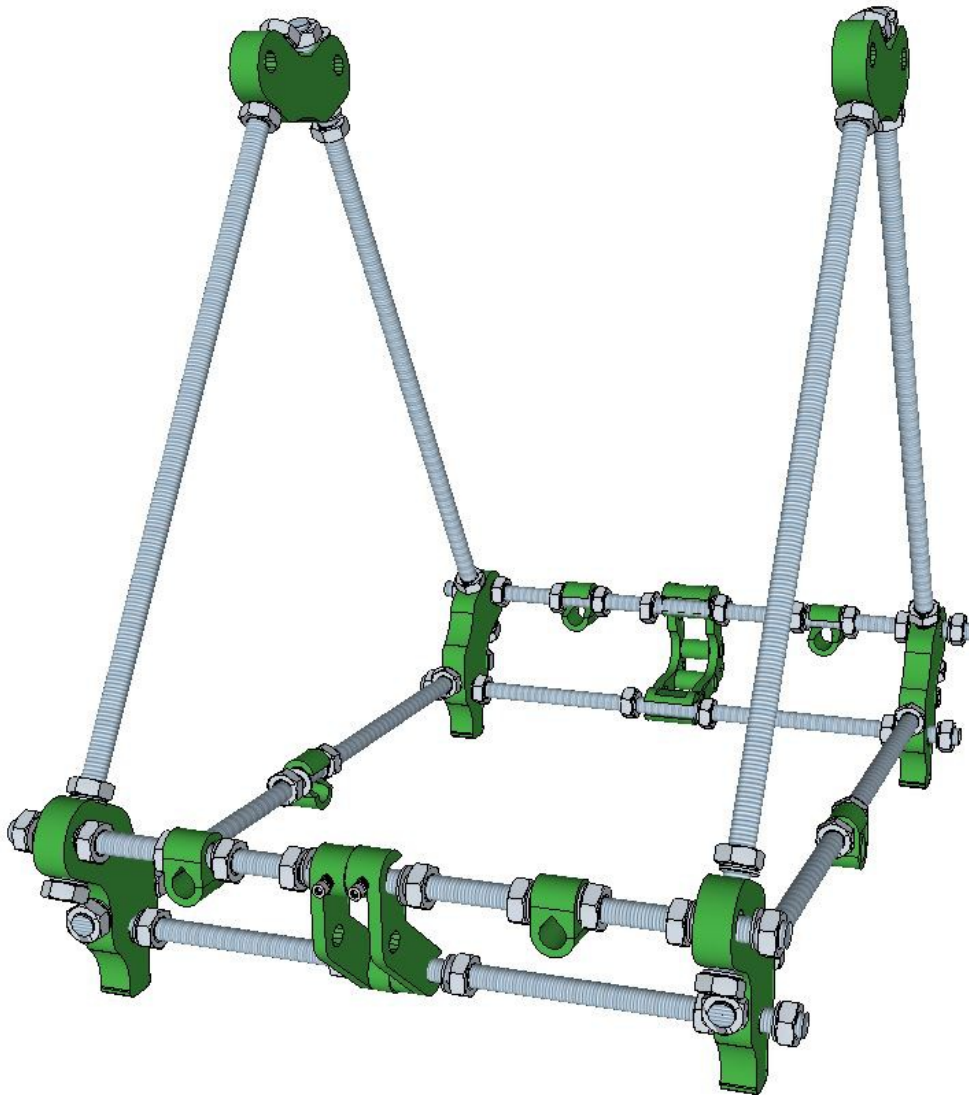


# Part 3

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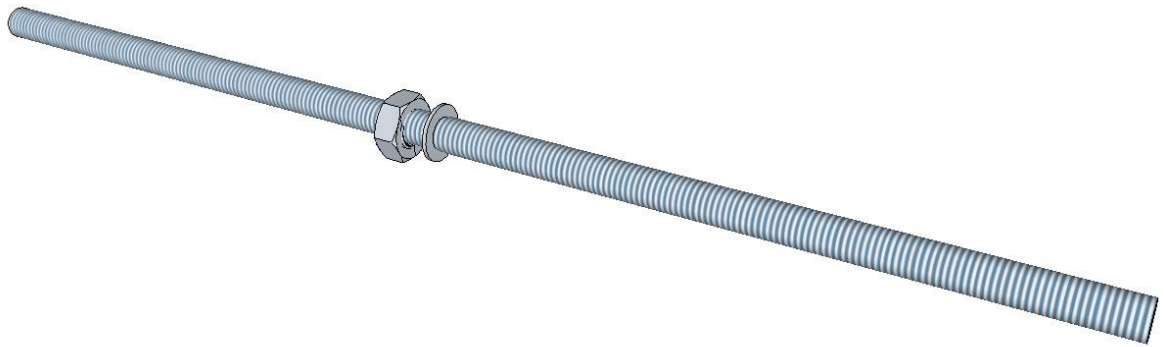
## Assembling the Rear threaded rods

In this section you will construct the set of rear threaded rods that interconnects the pair of apex triangle sections and carries the Y axis idler.



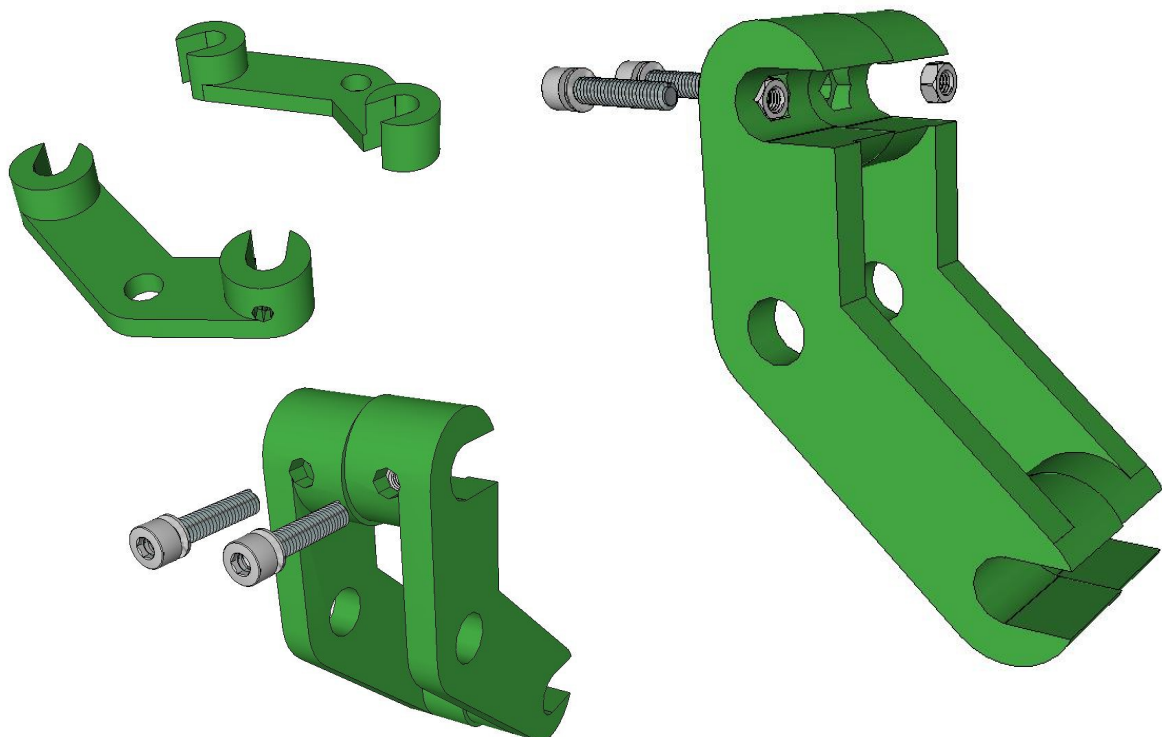
# 1

Thread the bottom rod first. Thread an M8 nut onto the middle of the rod. Slide an M8 washer next to it.



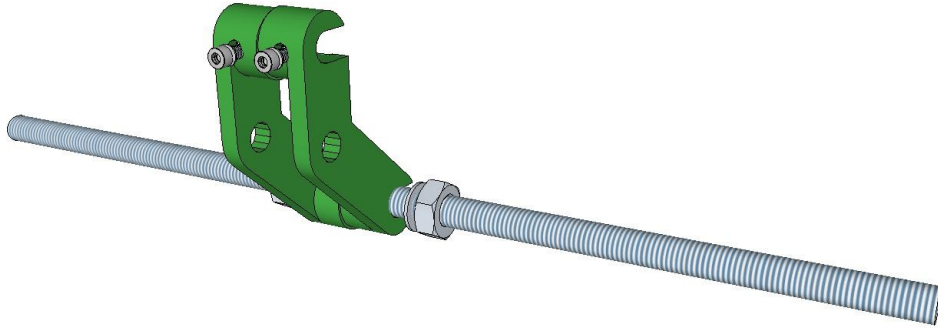
# 2

Mate the two halves of the Y idler bracket together as shown with two M3x20 cap screw and nuts then slot the rod into the bottom slot of the two arms of the bracket.



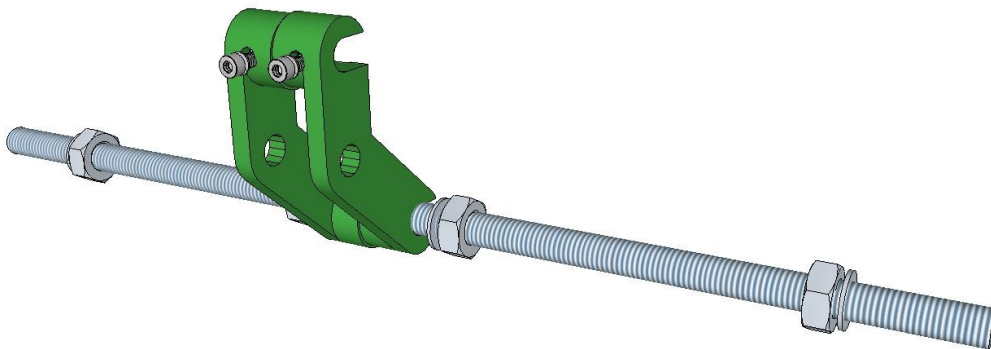
# 3

Slide another washer onto the other side of the rod and add another M8 nut to hold it in place.



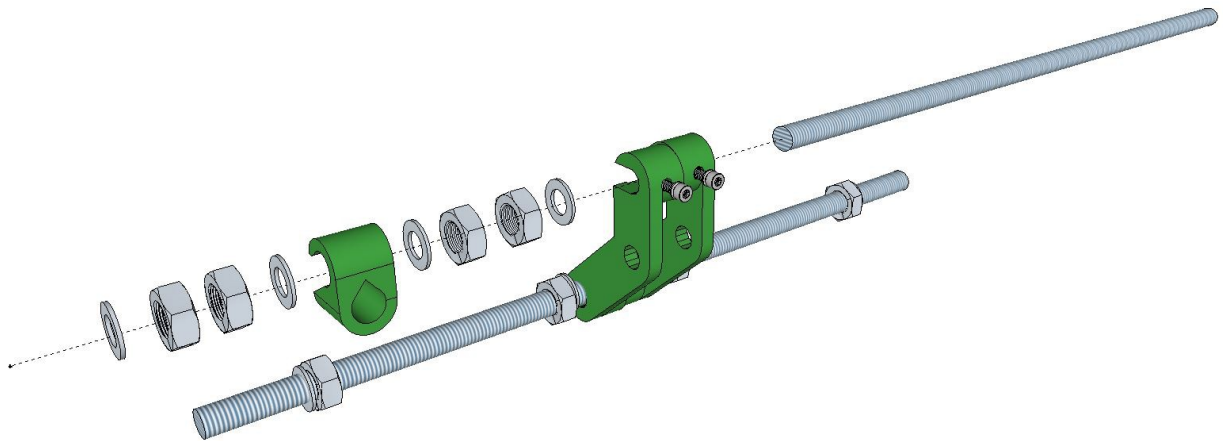
# 4

Add a nut and washer to each end of the rod.

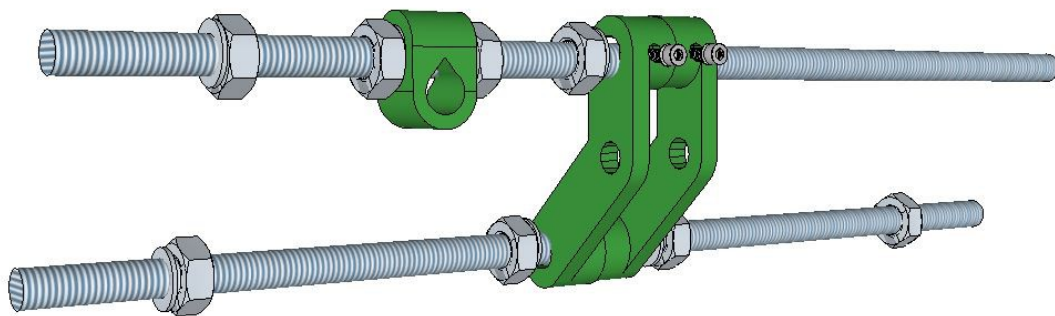


# 5

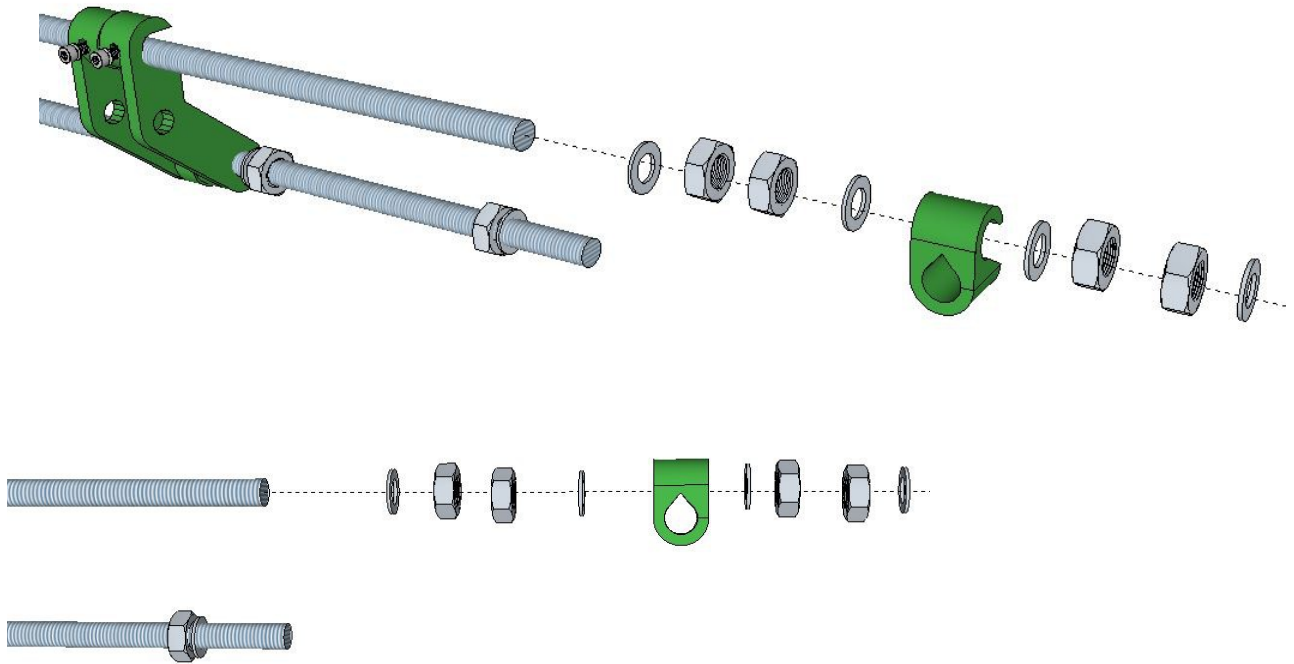
Now thread the top rod. This is a complicated one, so make sure you get it all done in the right order. From left to right, the rod should have: 1 washer, 2 nuts, 1 washer, 1 bar clamp (slipped on to the rod), 1 washer, 2 nuts, 1 washer, then the y-idler-bracket.



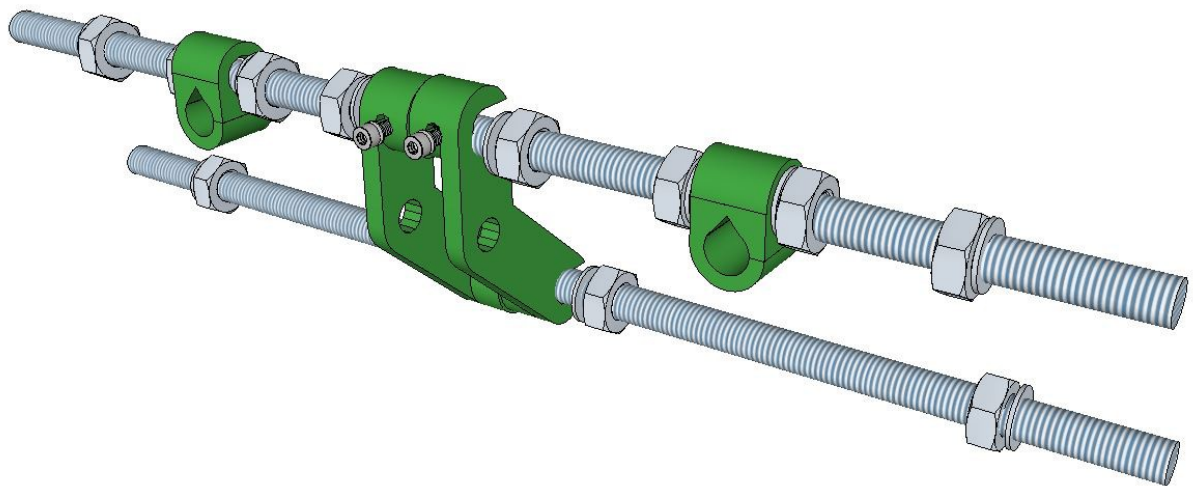
[ Lefthand Side ]



The right hand side is simply a repeat of the left. From left to right, the rod should have: 1 washer, 2 nuts, 1 washer, 1 bar clamp (slipped on to the rod), 1 washer, 2 nuts, and 1 washer.

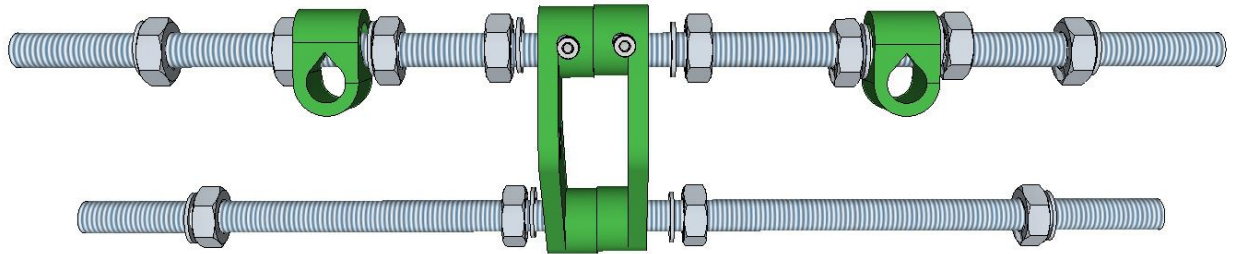


[ Righthand Side ]



6

When you hold it with the bar clamps at the top it should look like the picture below with the elbow of the idler bracket sticking out towards you. Verify this now.



7

You can now attach this set up to the triangle sides. Make sure the bigger part of the idler bracket points OUT of the triangle. Thread the ends of the rods through two of the footed vertices. Put a washer and nut on the end of each threaded rod. It should now look like this:

