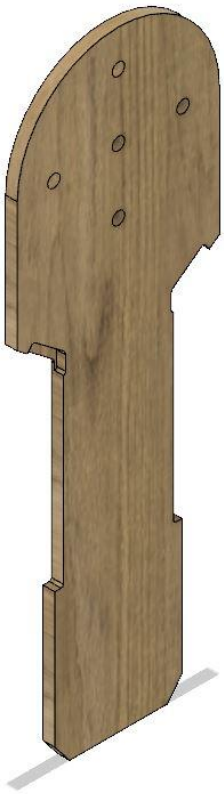
The Solaris Frame Kit is designed to be cut CNC using a 6.35mm or 1/4" bit. It has been dogboned to suit. Also, when cutting, please make numerous passes rather than one, to preserve the ¼" bit from breaking. The Kit can also be laser cut, but you will need to do some adjustments via router or hand chisel work.

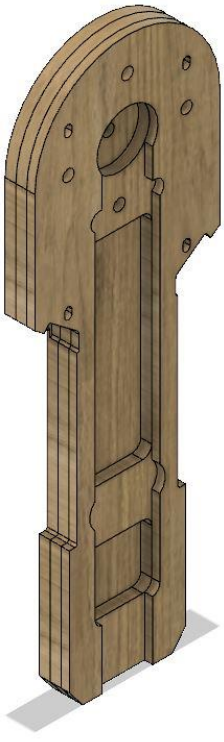
1. All the Leg pieces are 12mm thick Baltic Birch Pine or Marine Pine Plywood. With CNC Cutting you would have had the groove cut out in the Bottom and Top Plates that allows room for the Strut that fits in that area. With laser cutting you will need to either carefully remove that by using a hand chisel or a dremel mounted on a router attachment.

2. Start with the Bottom Plate
    a. Made from 12mm Baltic Birch Pine Plywood
        i. **Solaris Leg Bottom Plate V1.dxf**



3. Add the Middle Bottom Plate
    a. Made from 12mm Baltic Birch Pine Plywood
        i. **Solaris Leg Middle Bottom Plate V1.dxf**

4. Add the Insert Plate
    a. Made from 9mm Baltic Birch Pine Plywood
        i. **Solaris Leg Insert Plate V2.dxf**



5. At this point, until I have made an update you may need to add in an extra hole to allow the wiring to bypass the Shoulder Hub. Alternatively a groove can be cut into the Bottom Middle Plate to allow the wiring to thread through.

6. Add the Top Plate
    a. Made from 12mm Baltic Birch Pine Plywood
        i. **Solaris Leg Top Plate V2.dxf**

7. Next add the Ankle Top Plate
    a. Made from 12mm Baltic Birch Pine Plywood
        i. **Solaris Leg Ankle Top Plate.dxf**

8. Next add the Ankle Bottom Plate
    a. Made from 12mm Baltic Birch Pine Plywood
        i. **Solaris Leg Ankle Bottom Plate.dxf**

Here is a spaced example of the Leg arrangement:

9. The Hub is made from two 12mm pieces of Baltic Birch Pine Plywood and one 6mm piece of Baltic Birch Pine Plywood. It has locating screw holes whilst gluing together