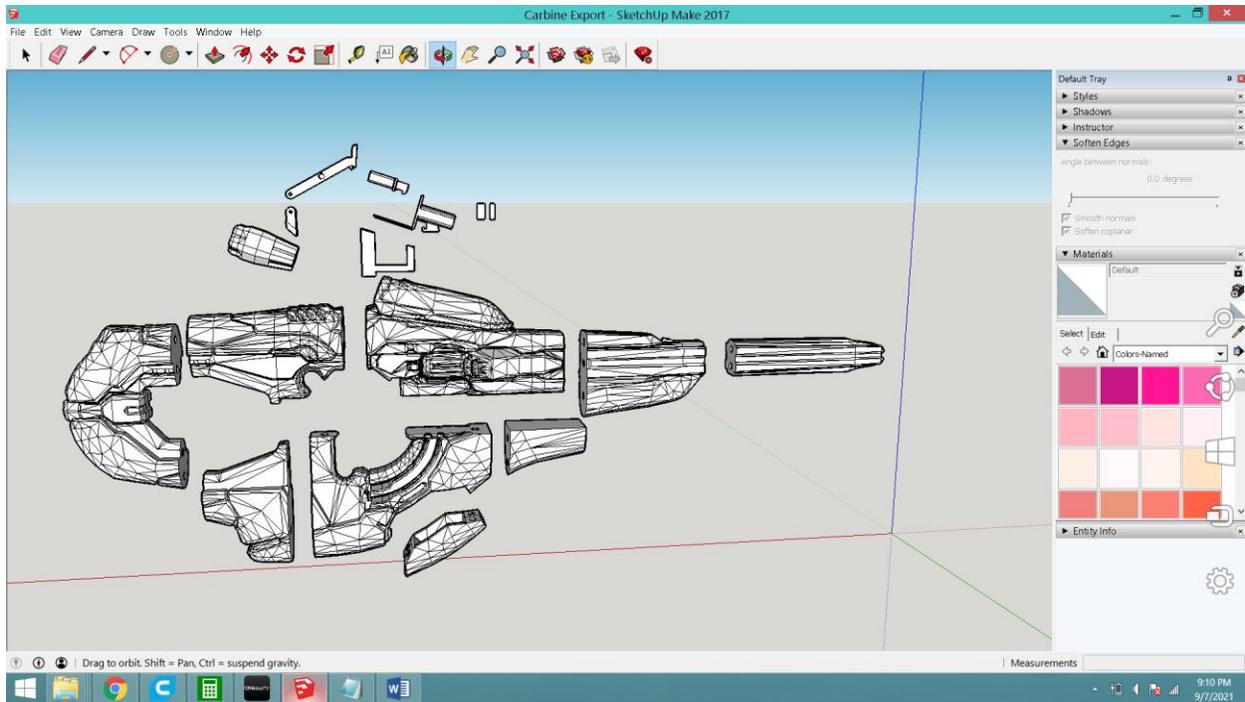


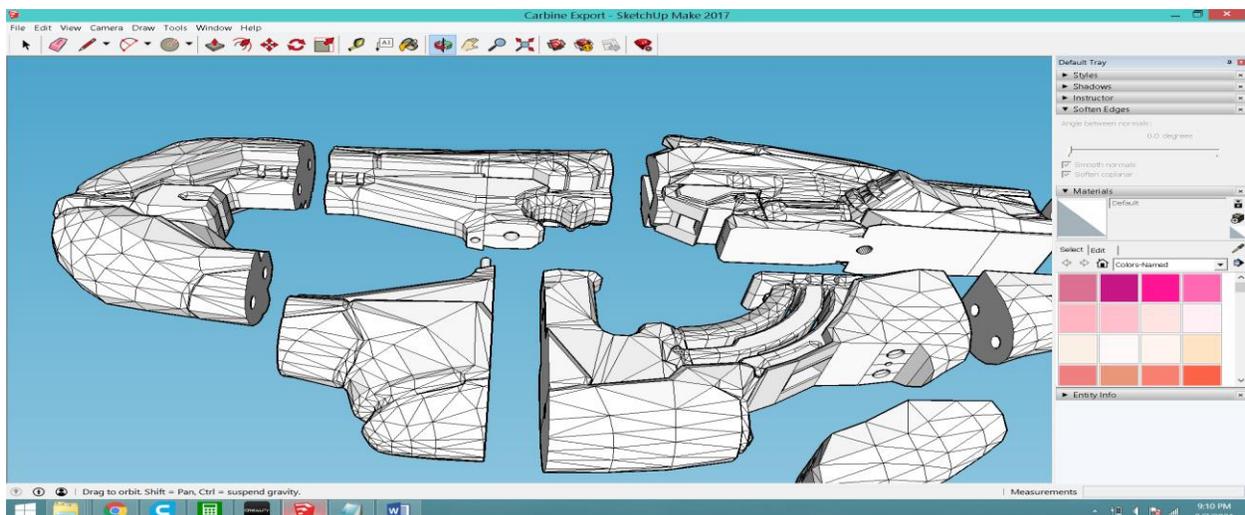
Hello!

I tried to keep this assembly as simple as possible. In these files there will be STL's and DAE's (google sketchup will read the DAE's if you want to see the geometry and orientation) and the STL's to import straight into your slicer.

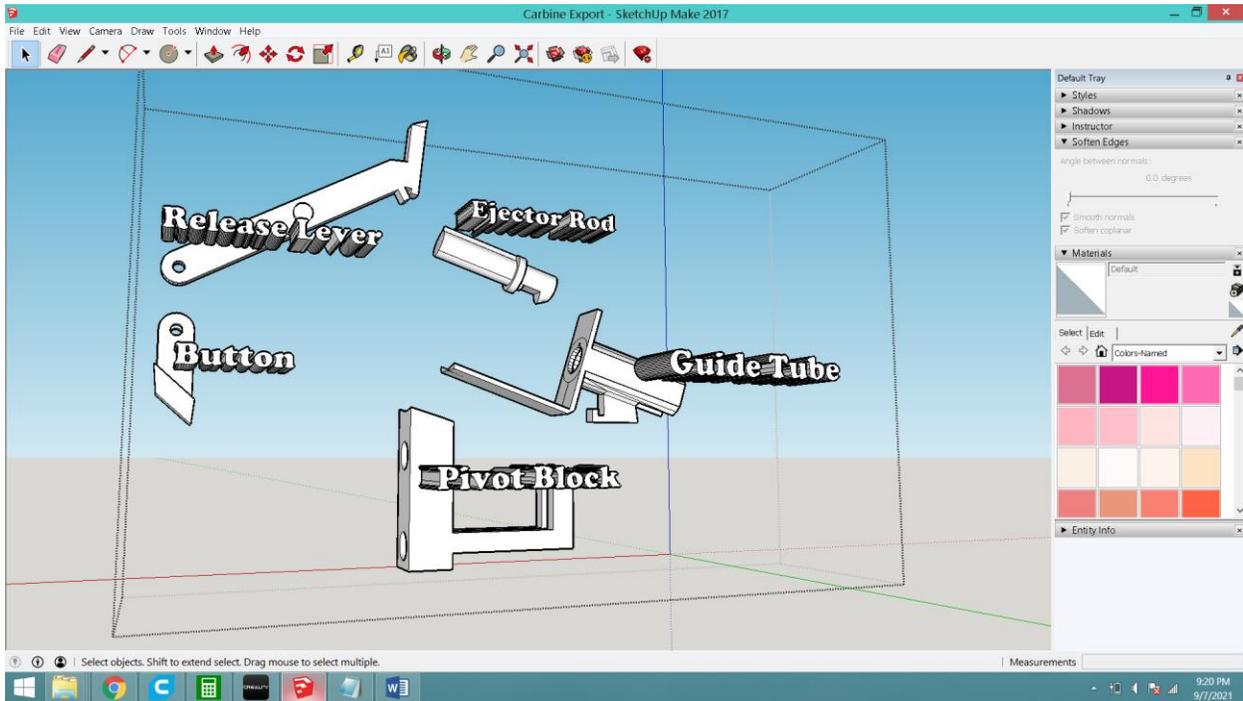
First, scaling!! This is currently scaled to 75.270045539% of its full in universe size! 99.507cm (about 3 feet 4 inches) rather than 132.2cm (about 4 feet 4 inches). If you want this to be a full scale replica you will need to scale every part UP by 132.85497503%. Feel free to round!



Included are two different types of support pegs, the one that is 5.6mm in diameter will fit the back of the handle, and the other will fit all other holes. You will need 17 of these larger pegs for the rest of the build. The pegs should be used as they significantly increase the strength of the prop once assembled.

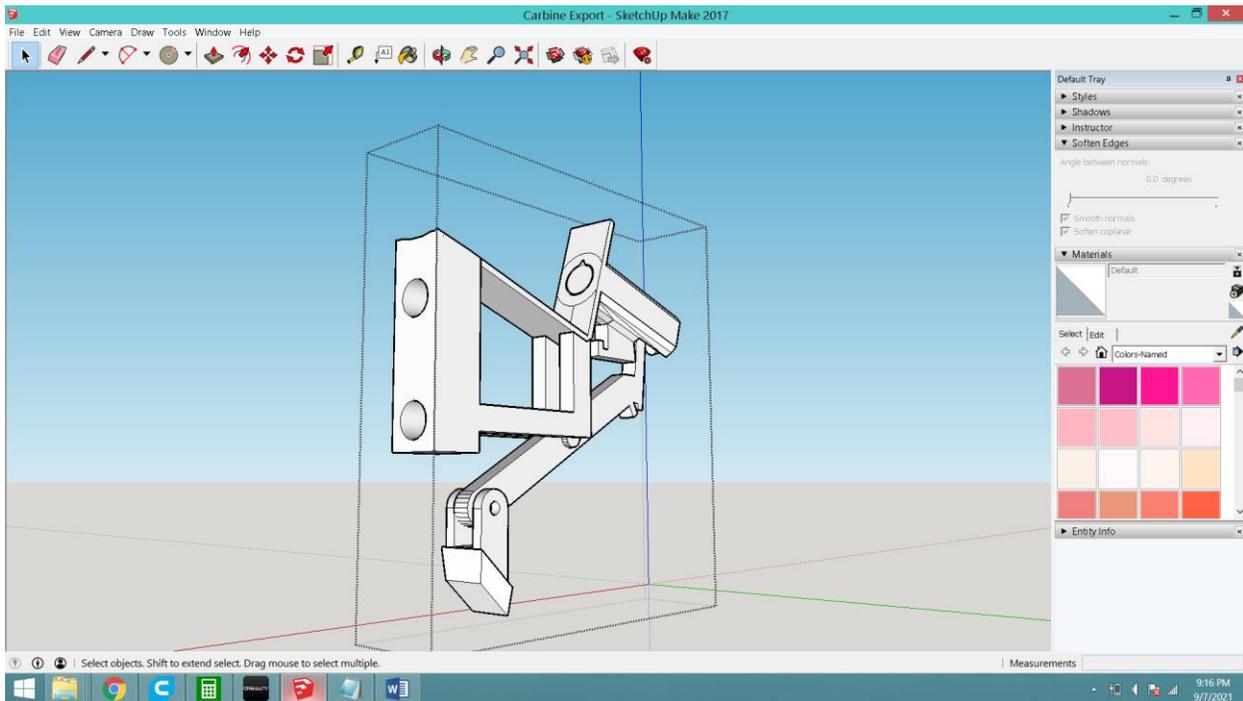


The ejector pack has been updated and should be much easier to install than the one on my own! Once all the parts are printed, I recommend a test fit to ensure everything fits into the receiver. Sanding will likely be needed to ensure a good fit of the ejector guide tube and upper pivot block.



A light sanding of the release rod catch might help it let go of the ejector rod with less friction.

Once everything looks in order, you should be safe to glue the guide tube to the top of the pivot block.

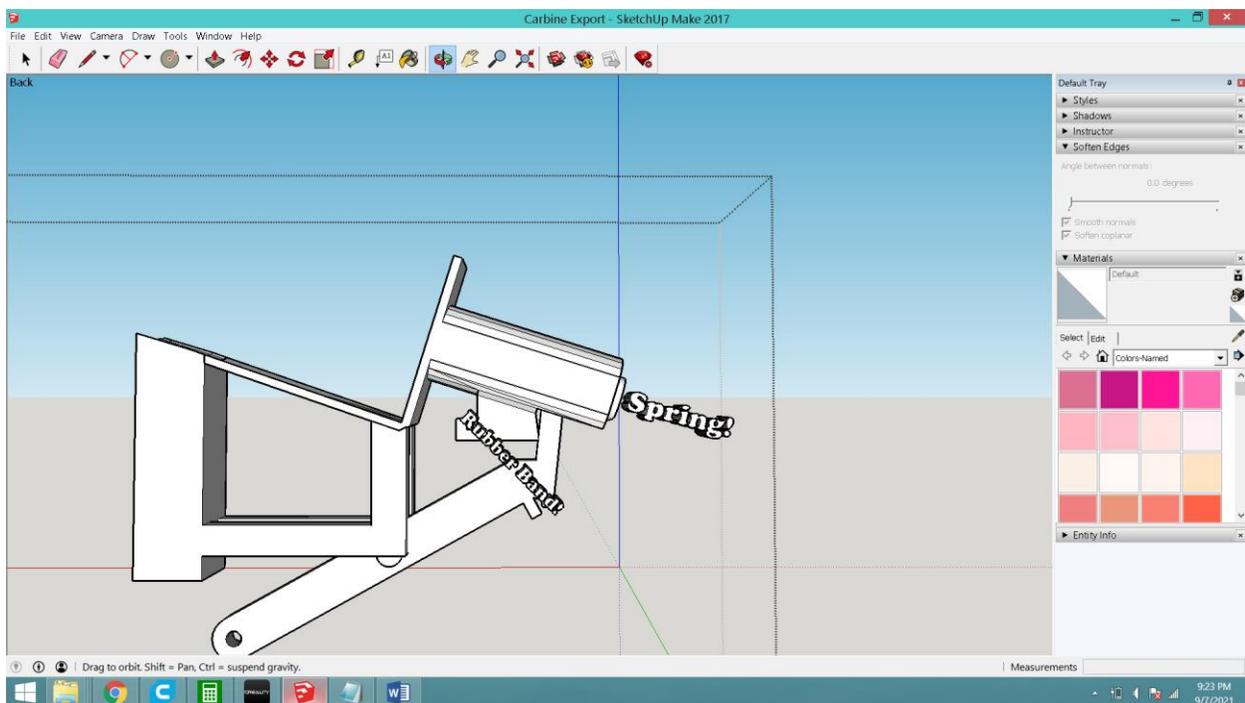


Insert the ejector rod into the guide tube (depending on the power of the spring used you might consider carefully adding some scrap filament to the rear of the guide tube to prevent the rod from falling out. Be sure that the rod can still move far enough to reset and catch the release lever.)

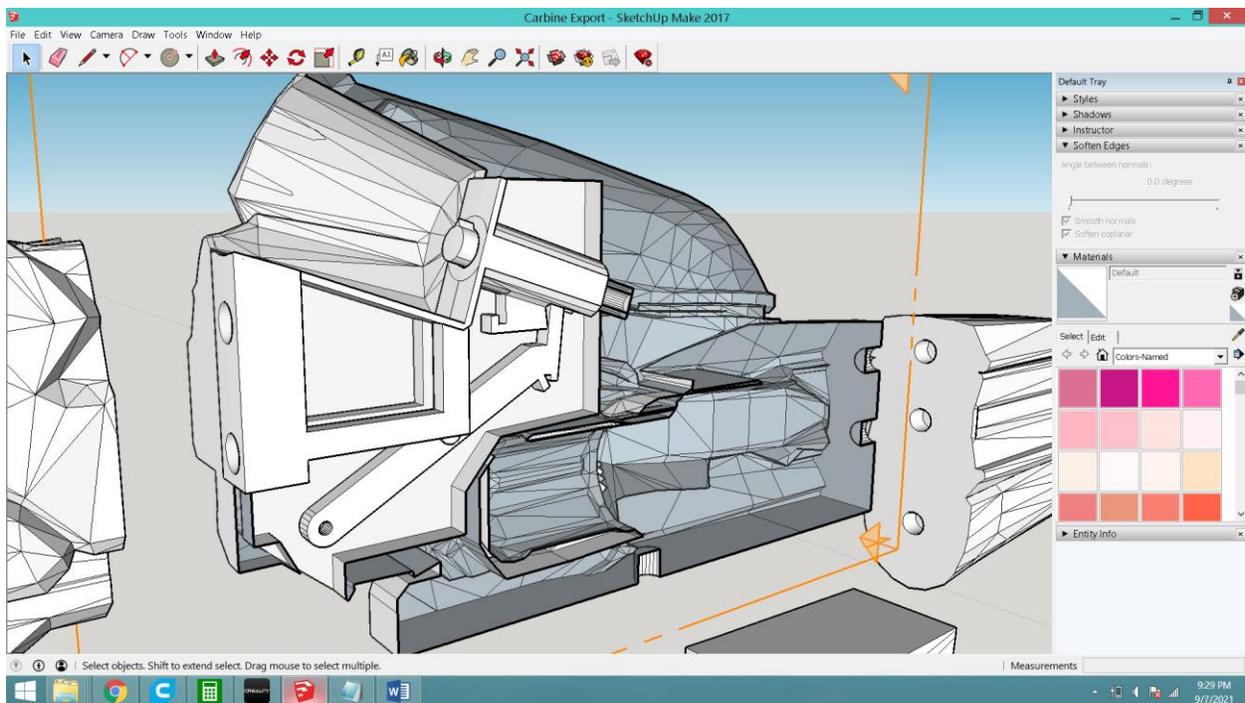
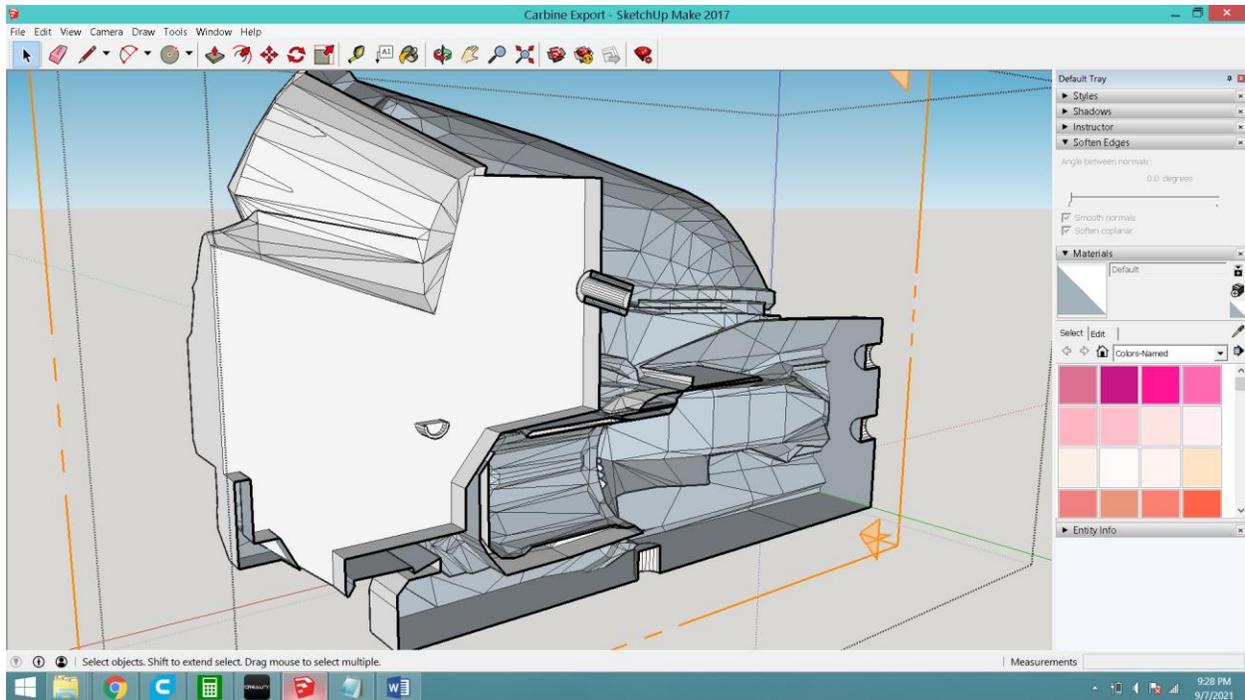
The button can be secured with anything that fits in the opening. The opening is 3.6mm wide. I used a nail that was cut to size with a set of pliers and then secured to the button with glue. Some sort of washer will help any unwanted wiggle.

Using rubber band or small spring, connect the release rod to the hook under the guide tube and place the small axles into their housing.

Place your spring into the back of the ejector rod. I secured mine with glue.



The whole assembly should now be able to be placed into the gap in the receiver, the button should pivot to allow clearance and the axle on the release lever should sit into the two cutouts inside of the receiver.



I highly recommend a few tests to be sure everything works before gluing everything down (be sure not to glue the release lever to its mount!)

Assembly of the prop should now be as easy as putting all the pegs in and joining the parts together with a firm press and super glue!