

Enraged Rabbit Project

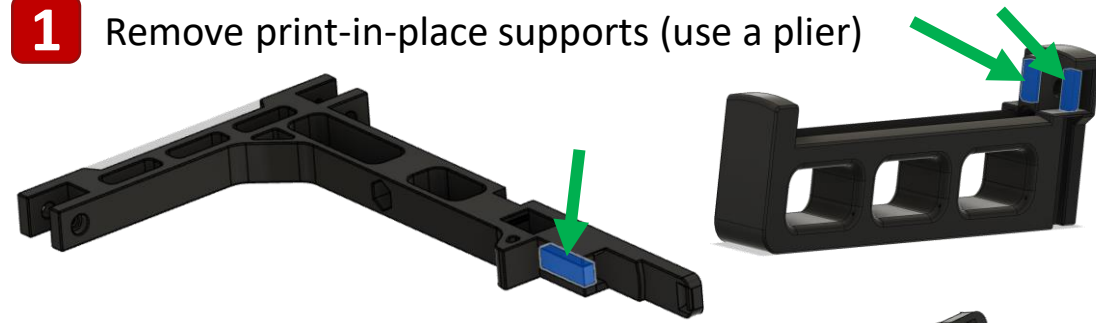
Carrot Patch V1.1 assembly

Printing tips :

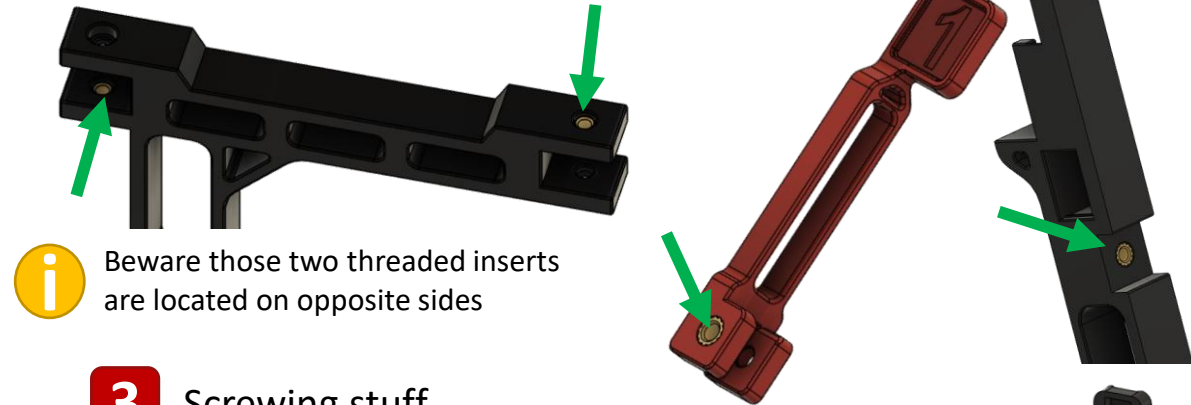
- Use regular Voron part printing guidelines (as found on the Voron Discord)
- I do not recommend to use a textured plate, as this can mess with some tight tolerances, mainly for the buffer wheel



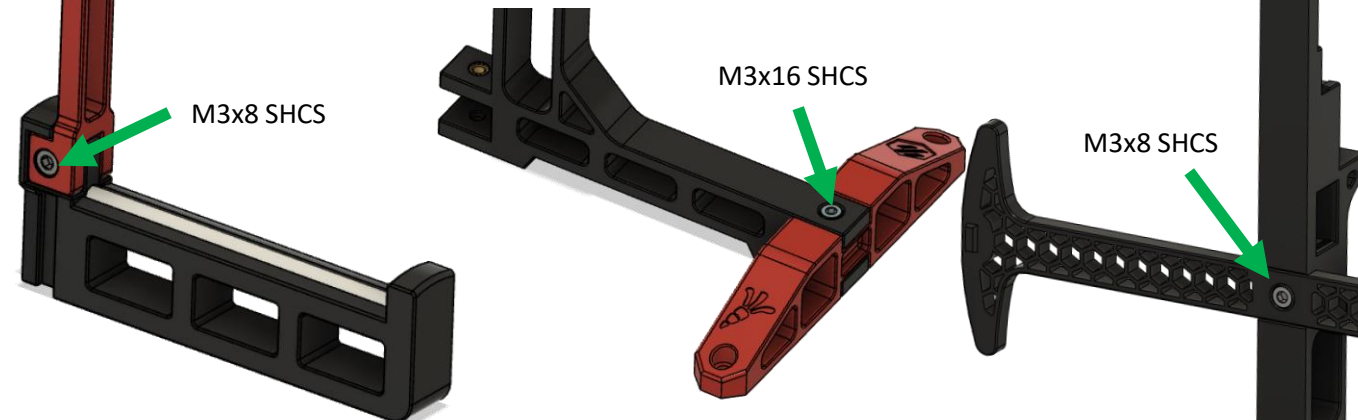
1 Remove print-in-place supports (use a plier)



2 Insert the 4 M3 threaded inserts



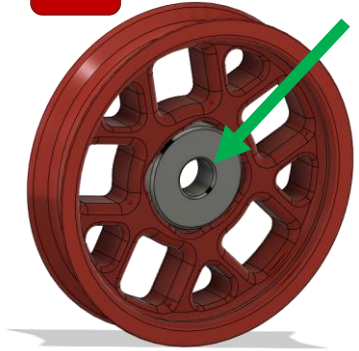
3 Screwing stuff



i Insert 4mm outer diameter PTFE tube in the Spool_Arm

4 Wheel and buffer assembly

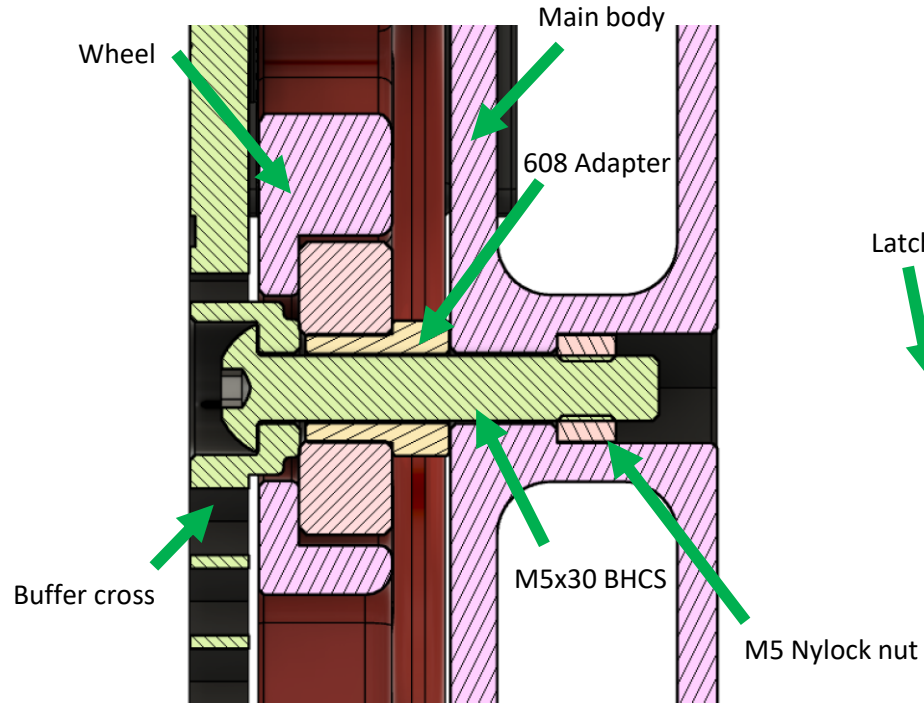
4-a Insert the 608 bearing
608ZZ bearing



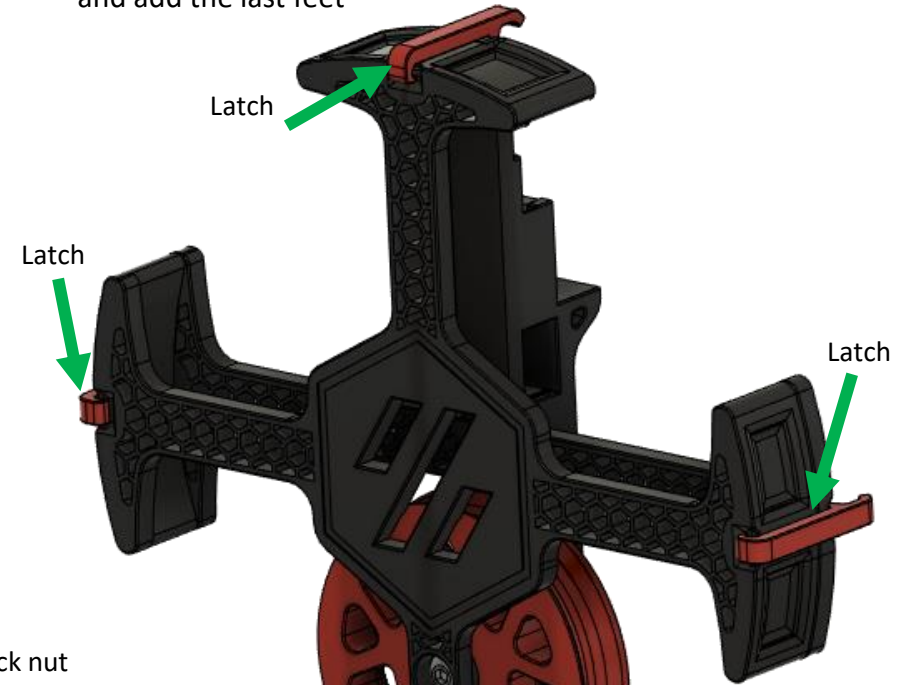
4-b Insert the ECAS



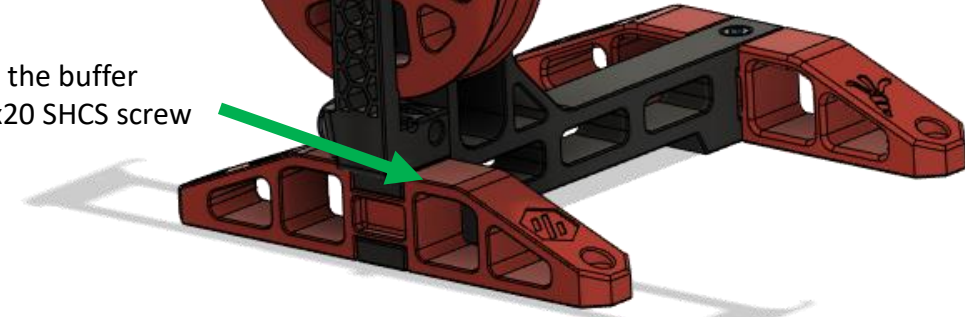
4-c Assemble the wheel axis



4-d Clic the 3 other ends of the buffer cross using the latches and add the last feet

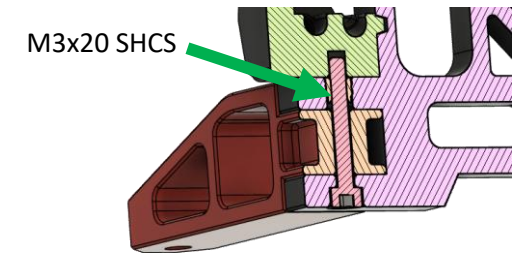


4-e Secure both the left feet and the buffer cross bottom end using a Mx20 SHCS screw



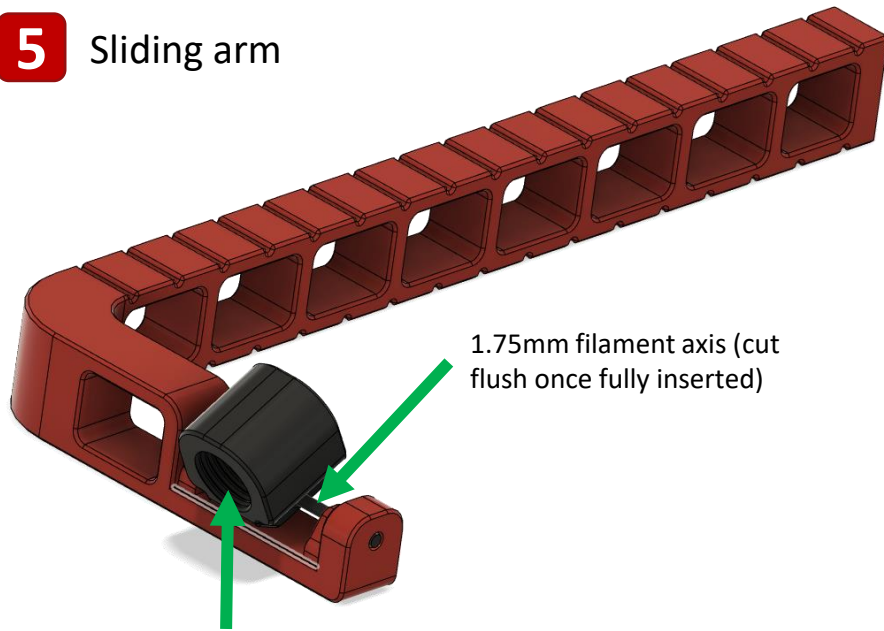
4-f

- Make sure the 4 ends of the buffer cross are well clicked-in // installed (no gap)
- The wheel should touch both sides (i.e. the buffer cross and the main body), without any gap. It should turn, but not freely (because of the wall contact)



5

Sliding arm



1.75mm filament axis (cut flush once fully inserted)

M10 PTFE // ECAS press-fit insert (goes through), not shown in picture

6

Assemble sliding arm and spool arm

7

PTFE tubing :

- Insert around 30cm of PTFE tube from the sliding arm to the bottom of buffer cross. Push it to the max on both ends
- Insert the PTFE tube that goes to the Carrot Feeder on the opposite side (i.e. ECAS one)

8

Done!

