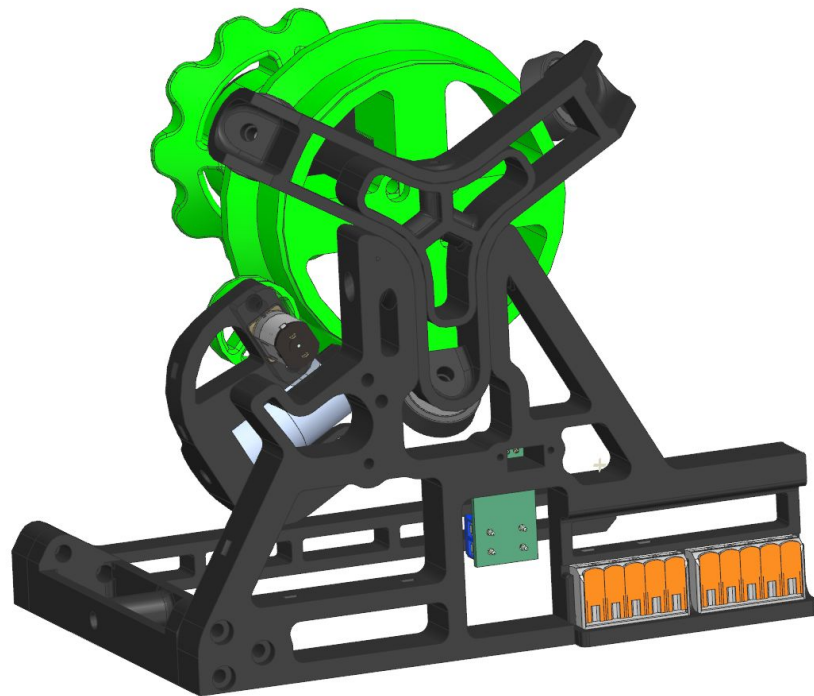
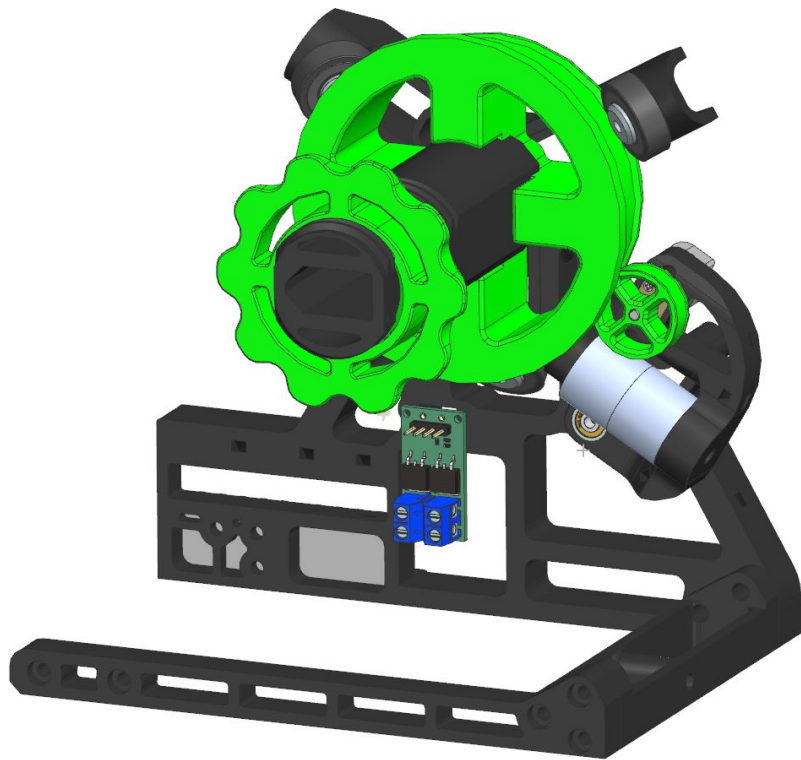
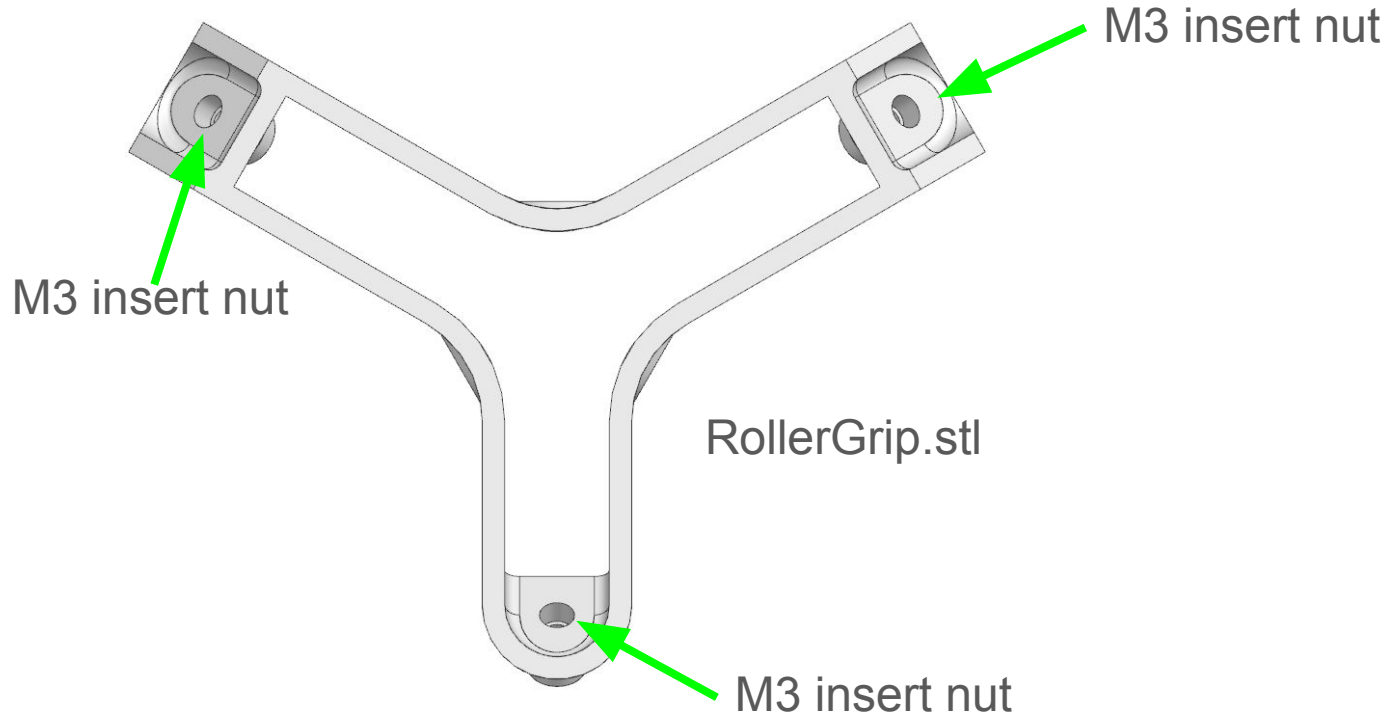


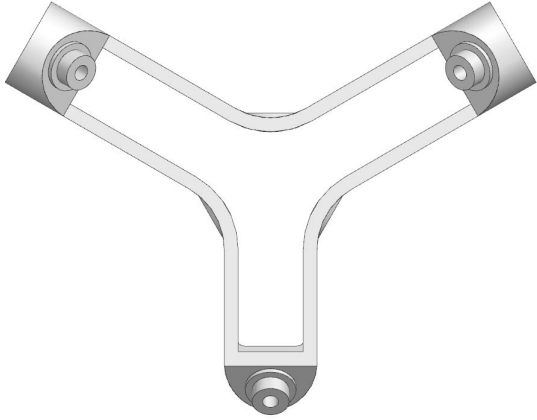
# Assemble Stand body



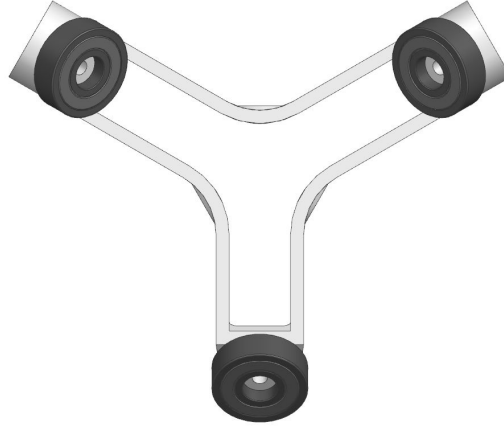
# Assemble Stand body



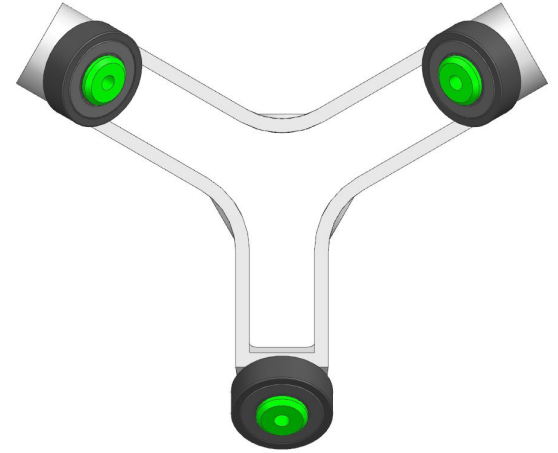
# Assemble Stand body



RollerGrip.stl



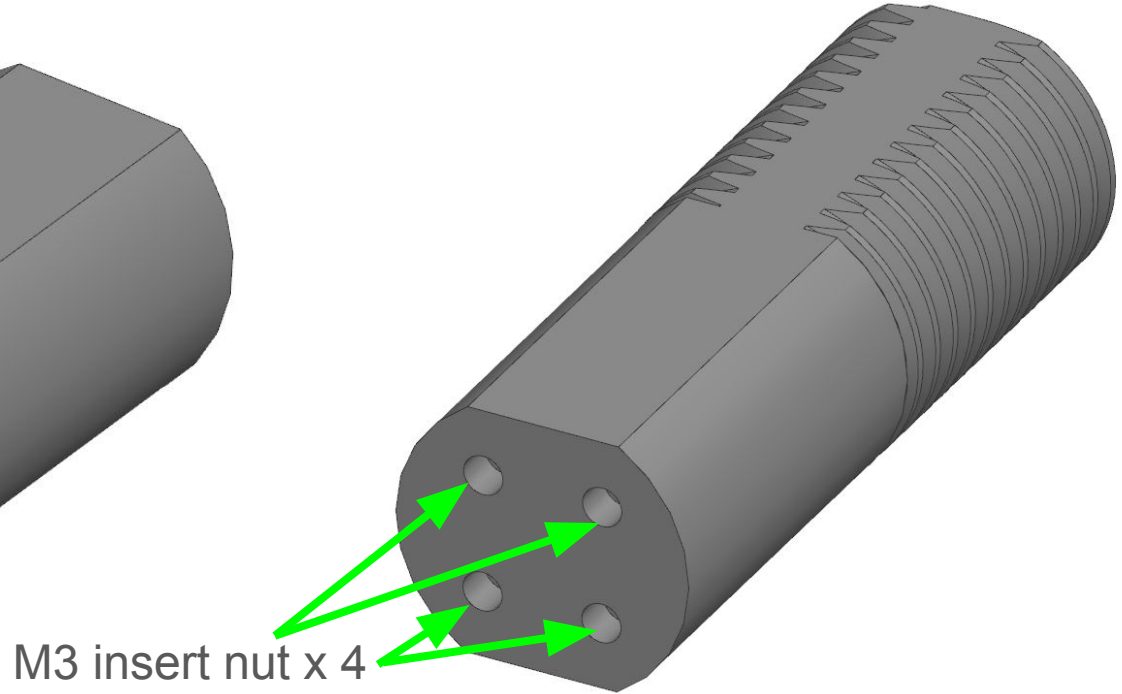
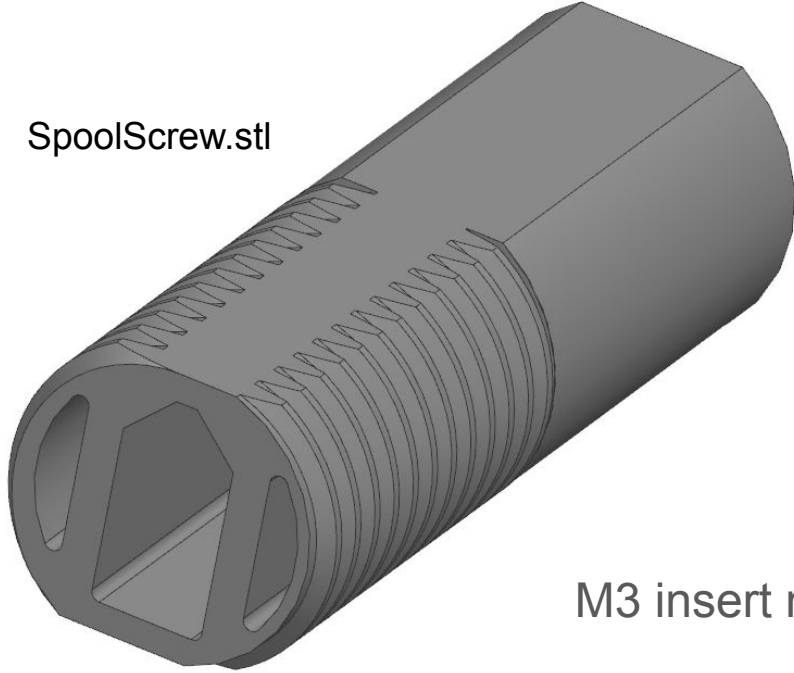
608 Bearing x 3



RollerGrip608Cap\_x3.stl  
M3 x 15mm x 3

# Assemble Stand body

SpoolScrew.stl



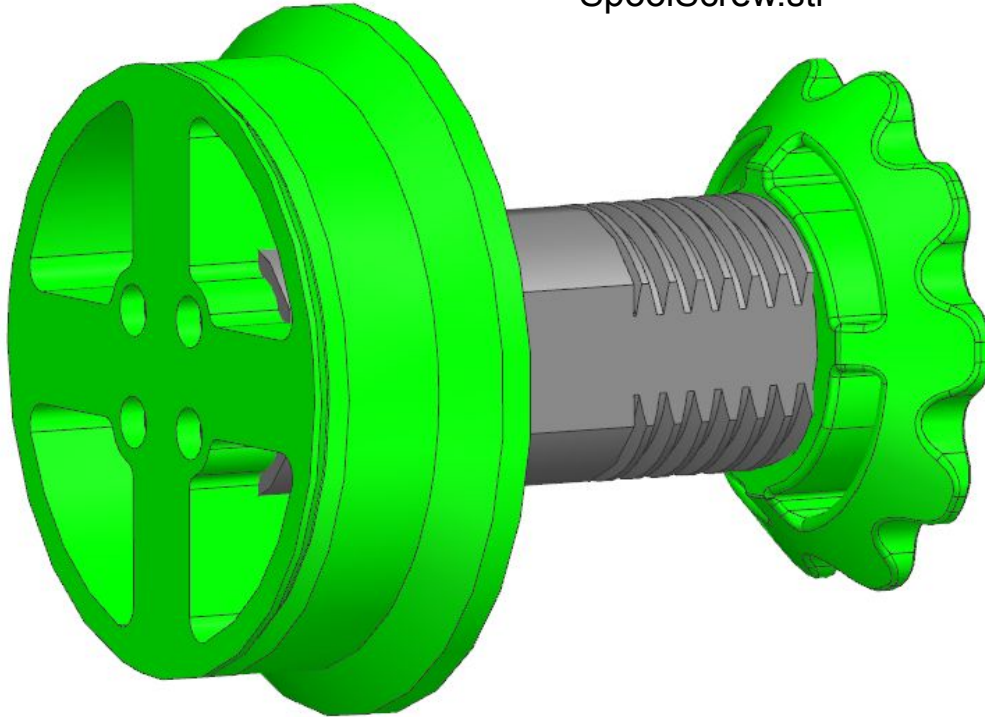
# Assemble Stand body

SpoolRollerWheel.stl

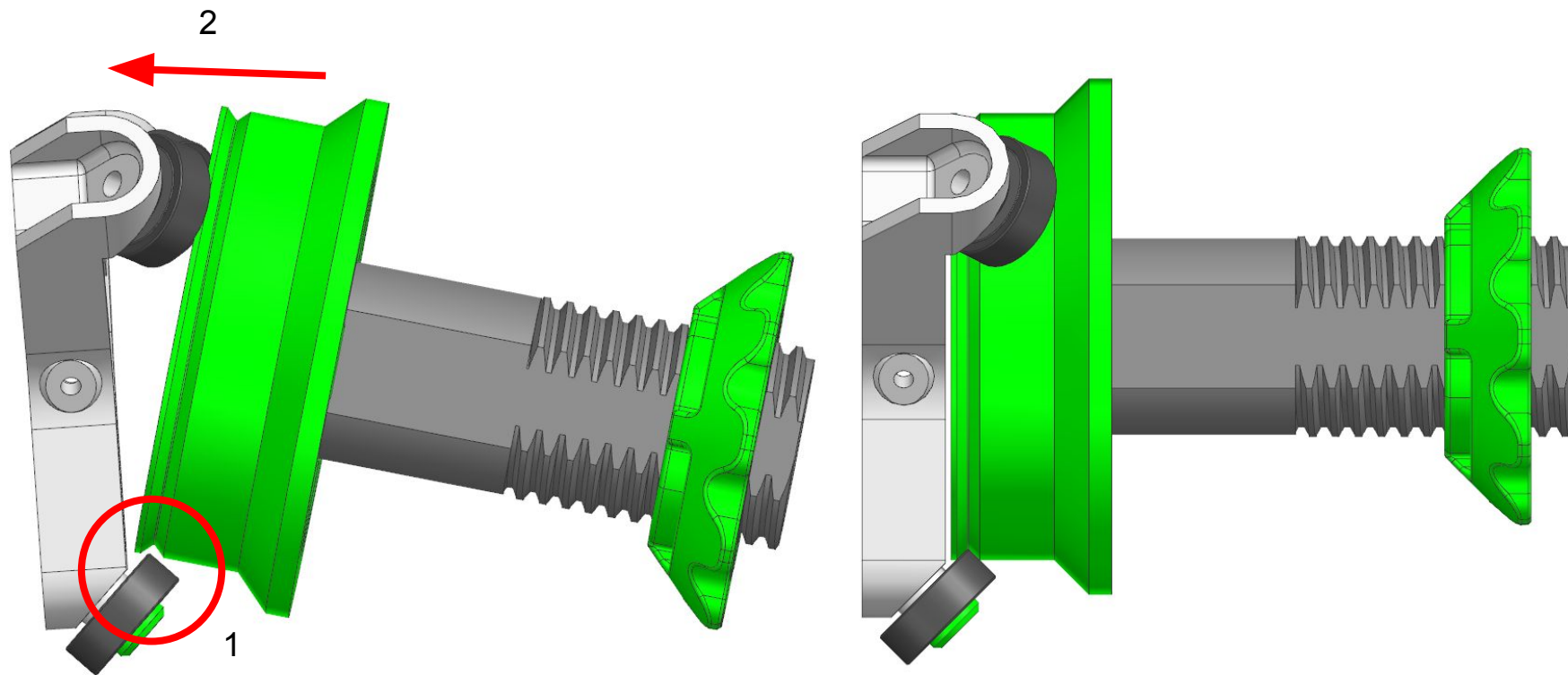
SpoolScrew.stl

SpoolScrewNut.stl

M3 x 15mm x 4

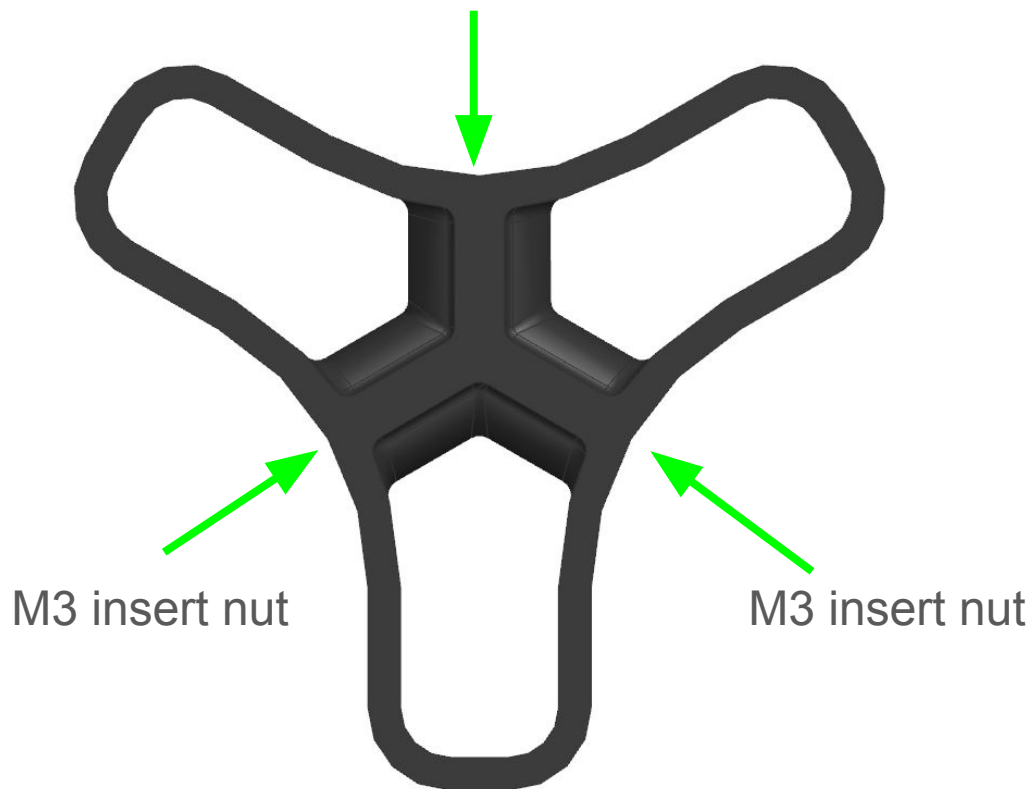


# Assemble Stand body



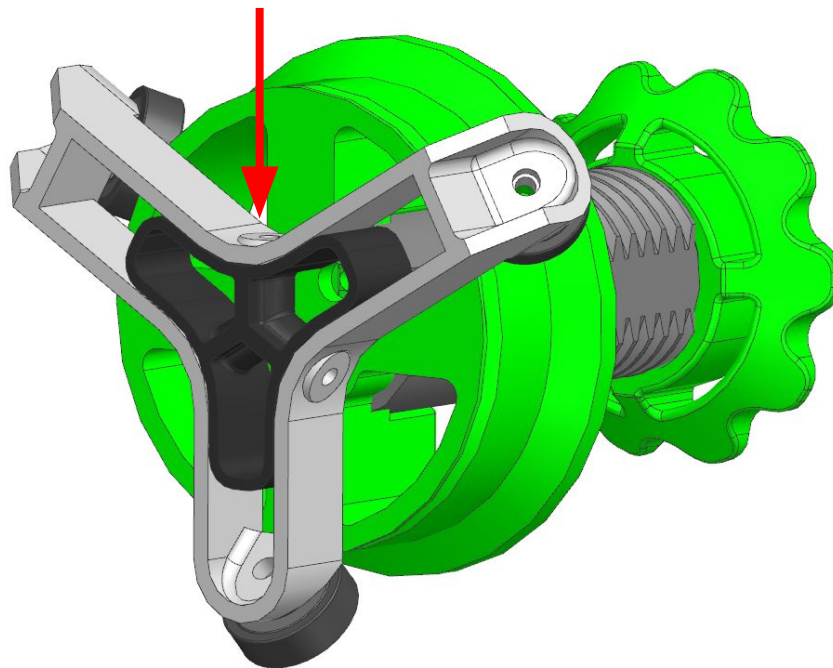
Assemble Stand body

M3 insert nut



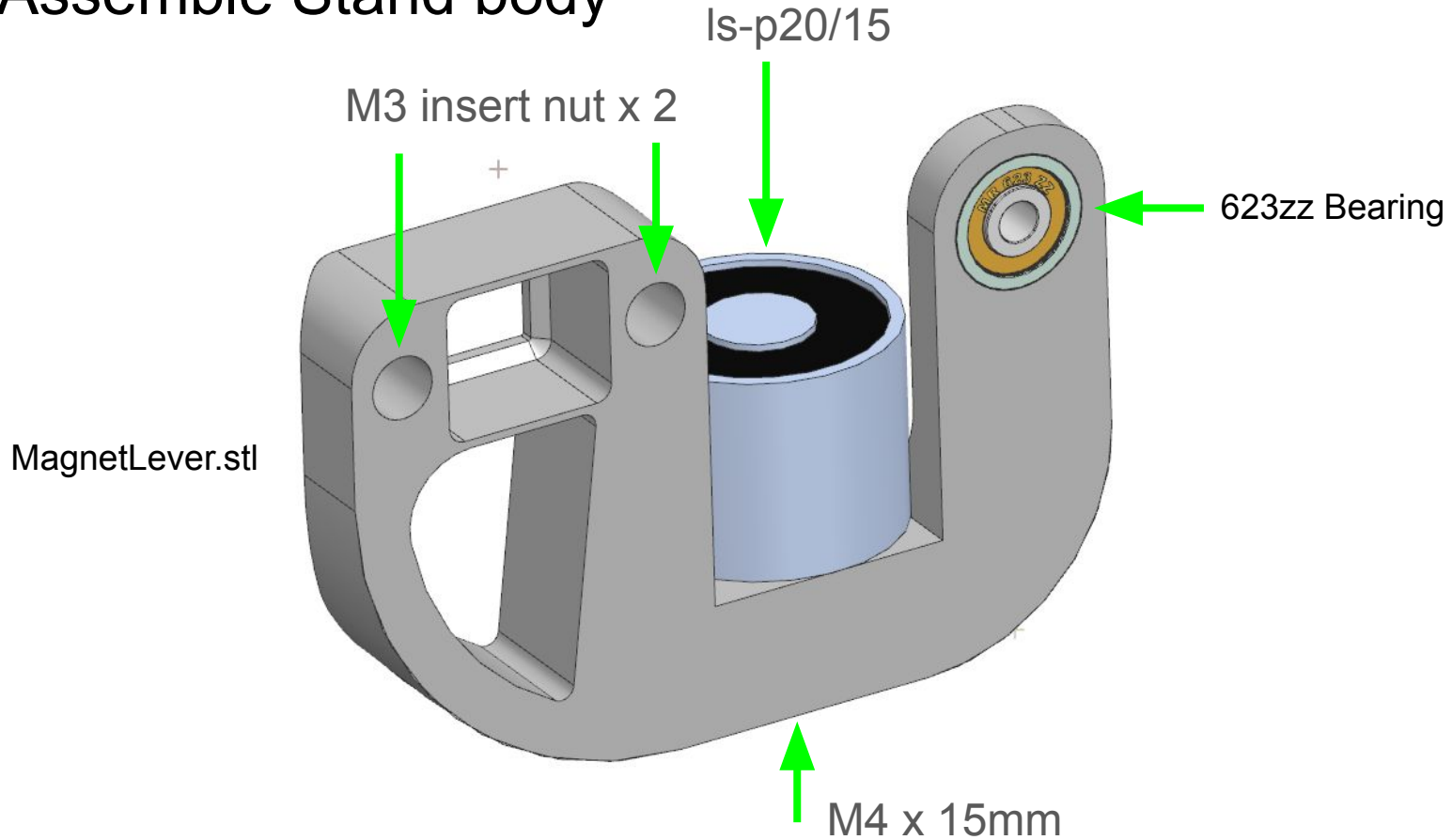
# Assemble Stand body

M3 x 8mm



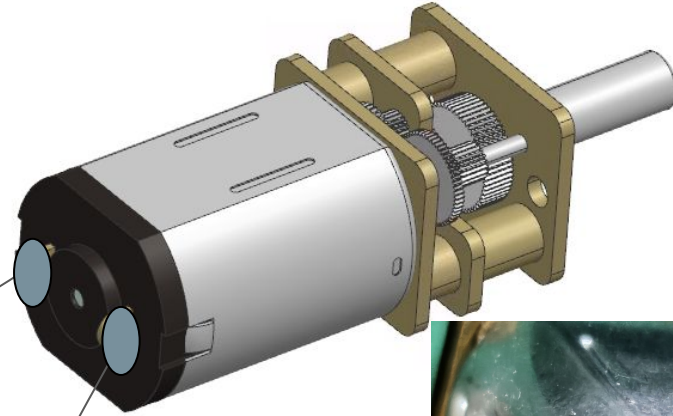


# Assemble Stand body

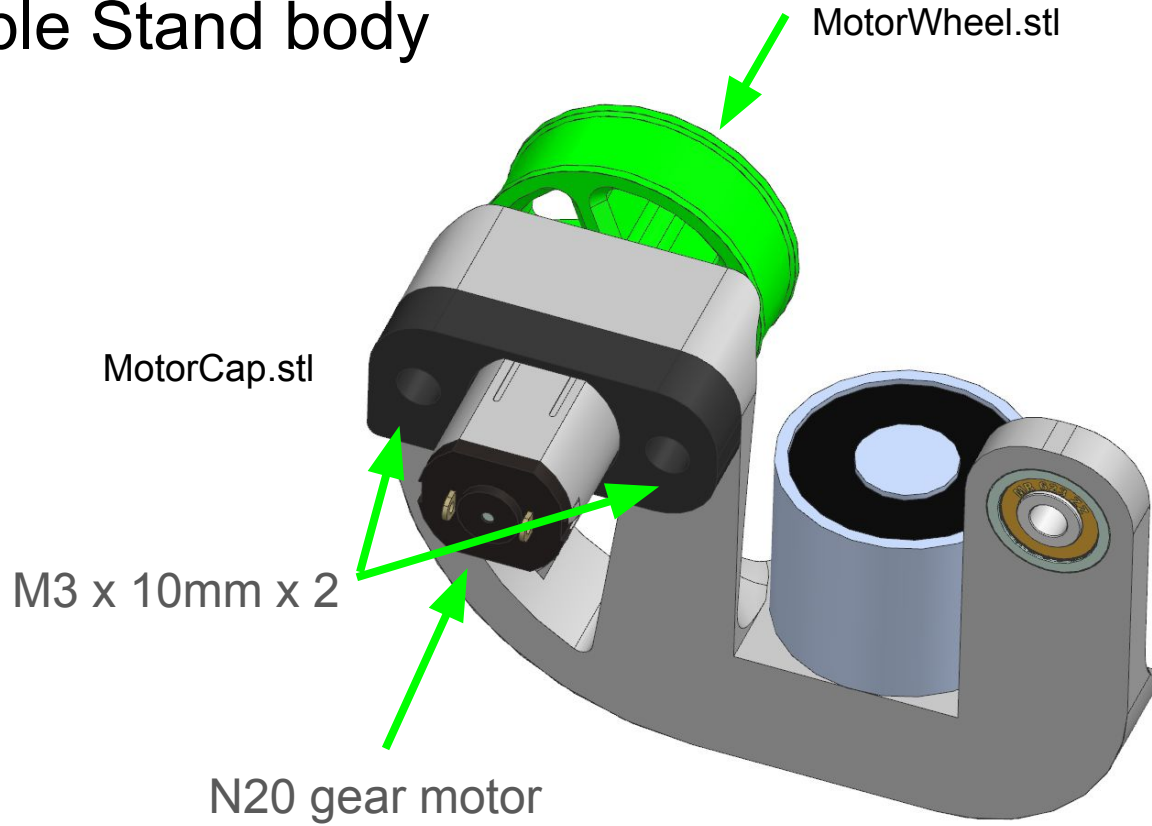


# Assemble Stand body

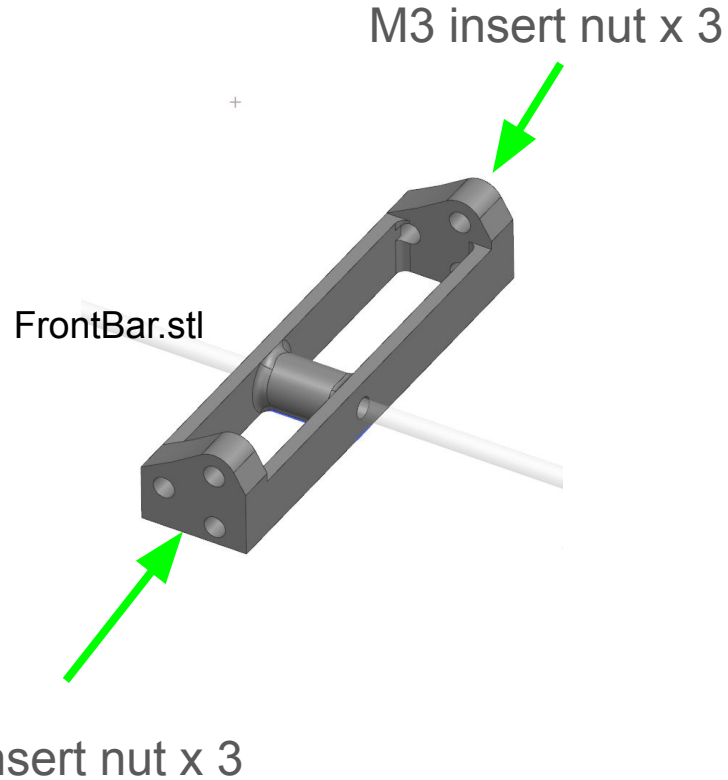
soldering wire



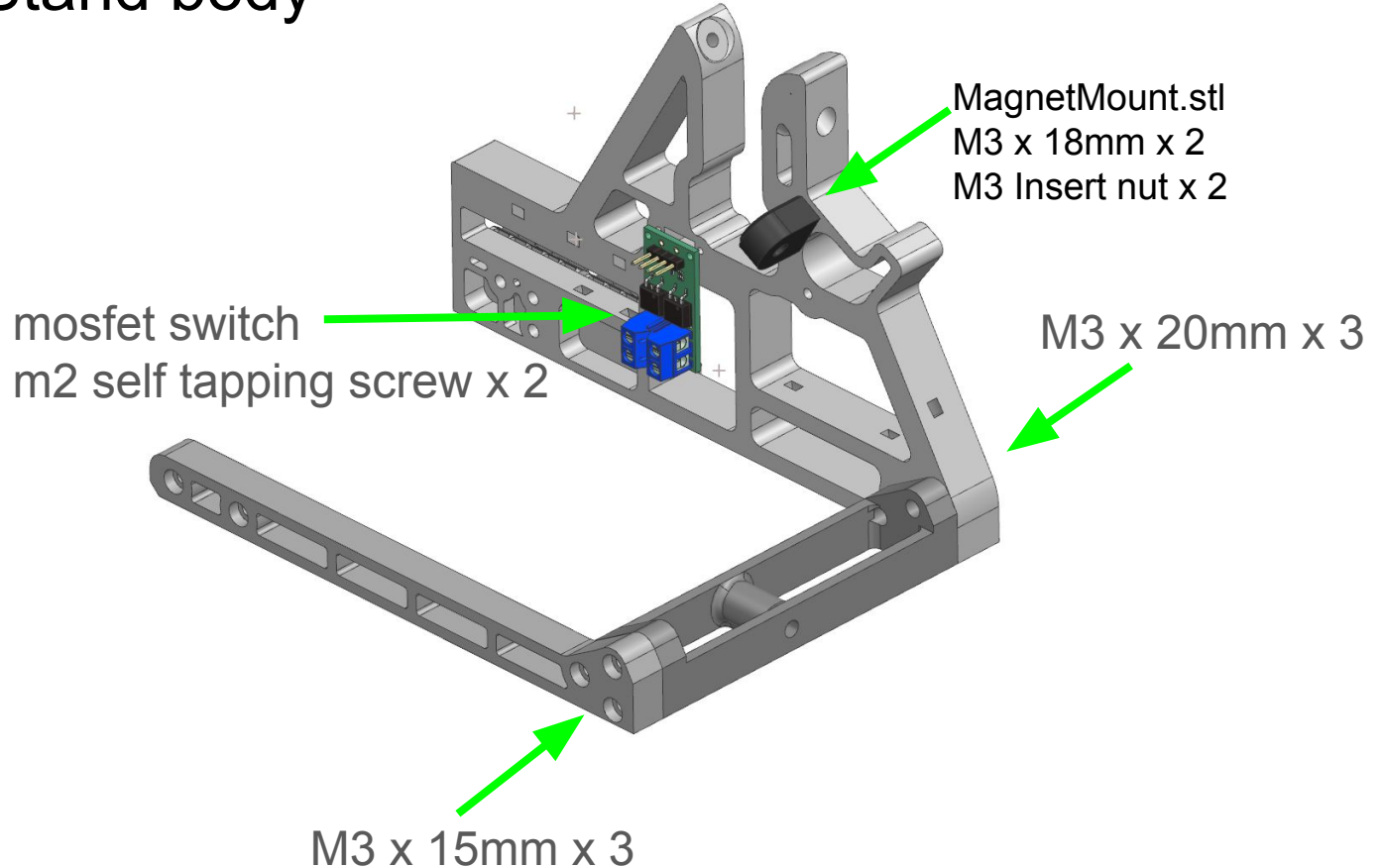
# Assemble Stand body



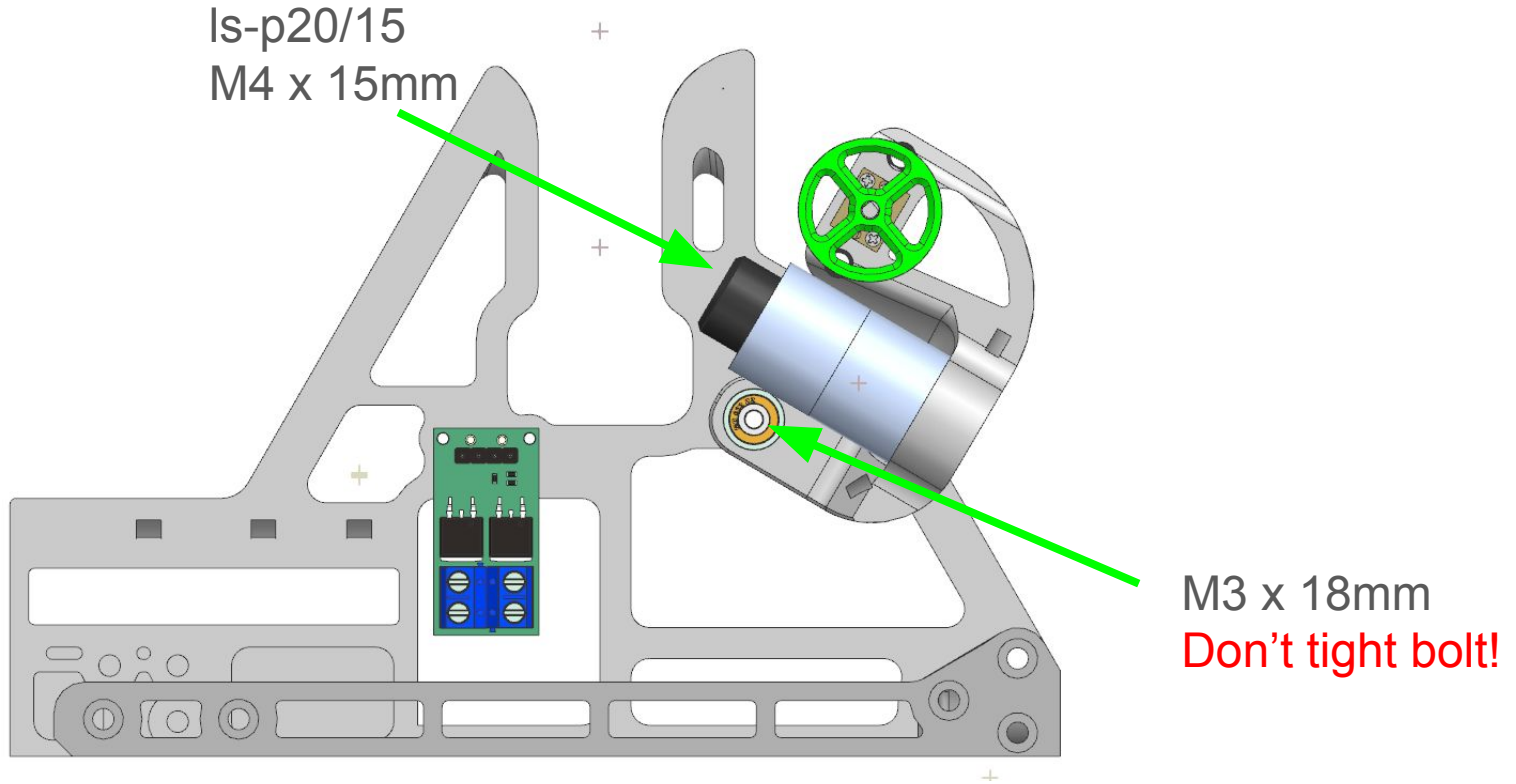
# Assemble Stand body



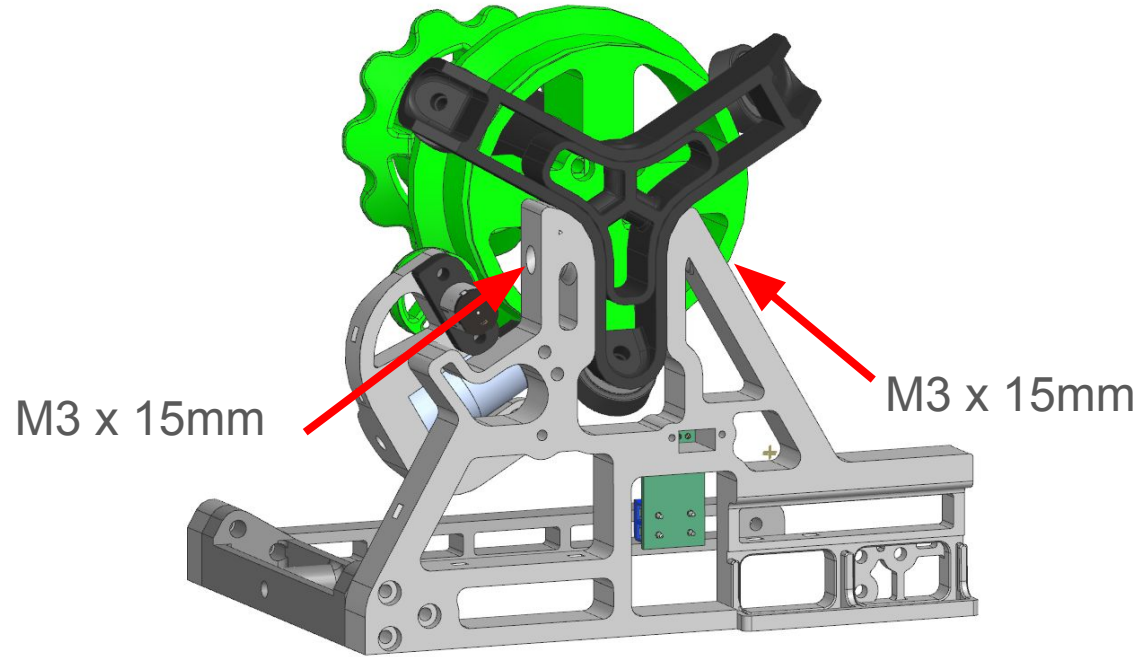
# Assemble Stand body



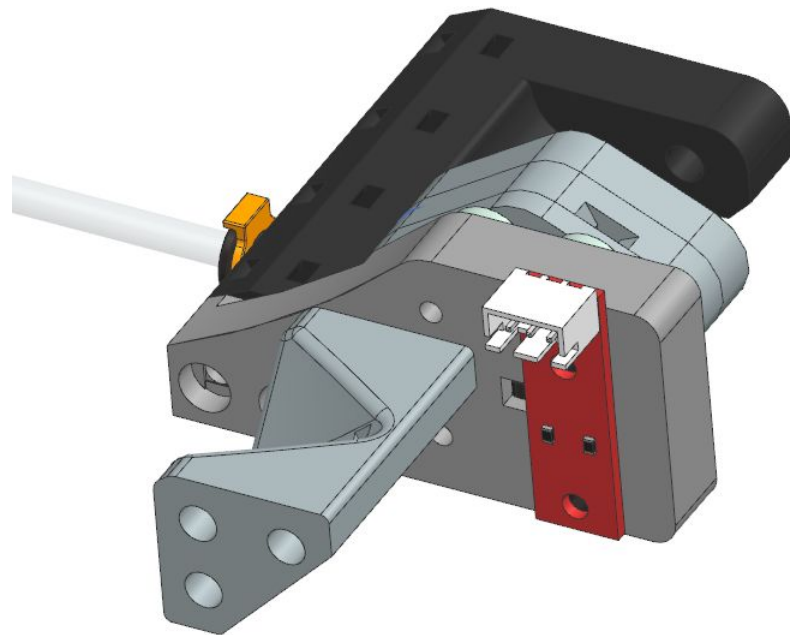
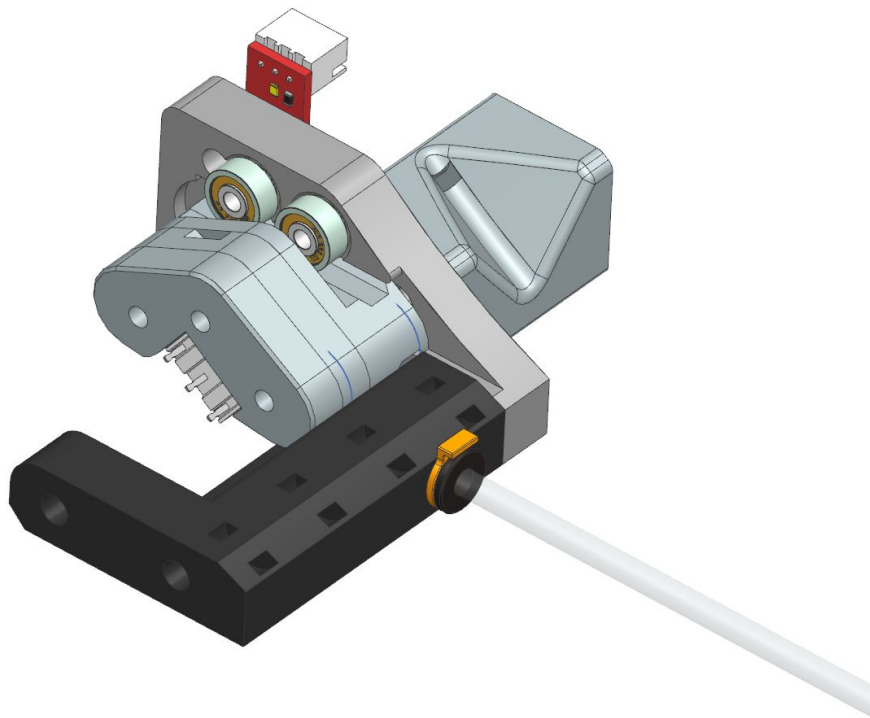
# Assemble Stand body



# Assemble Stand body



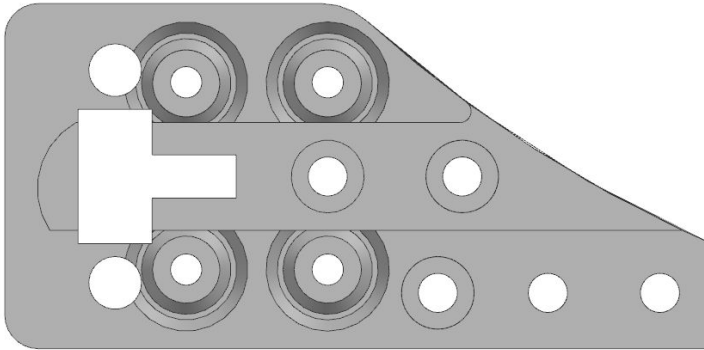
# Assemble Buffer Module



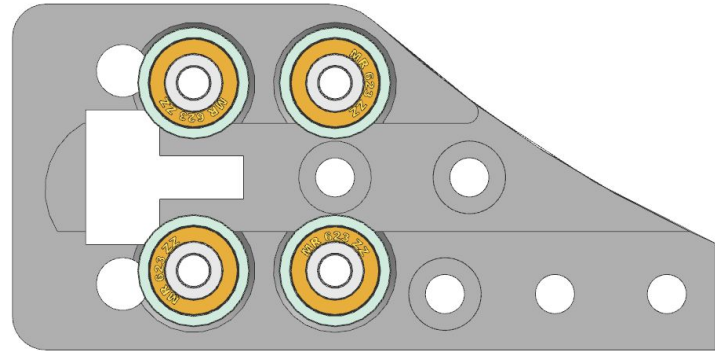


# Assemble

BufferRail.stl

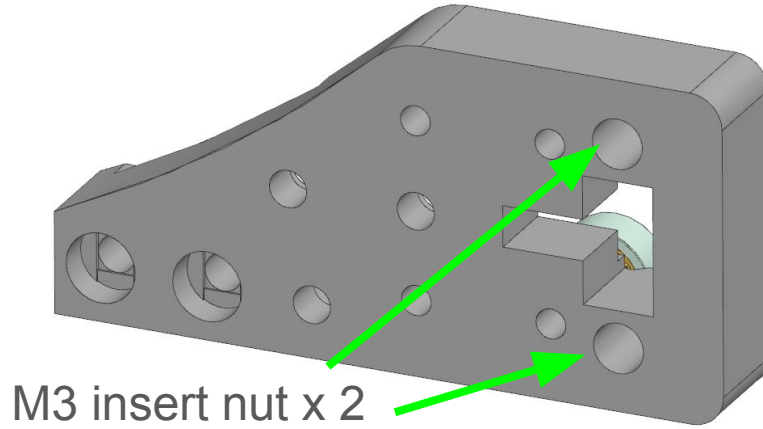


623 Bearing x4  
M3 x 12mm x 4

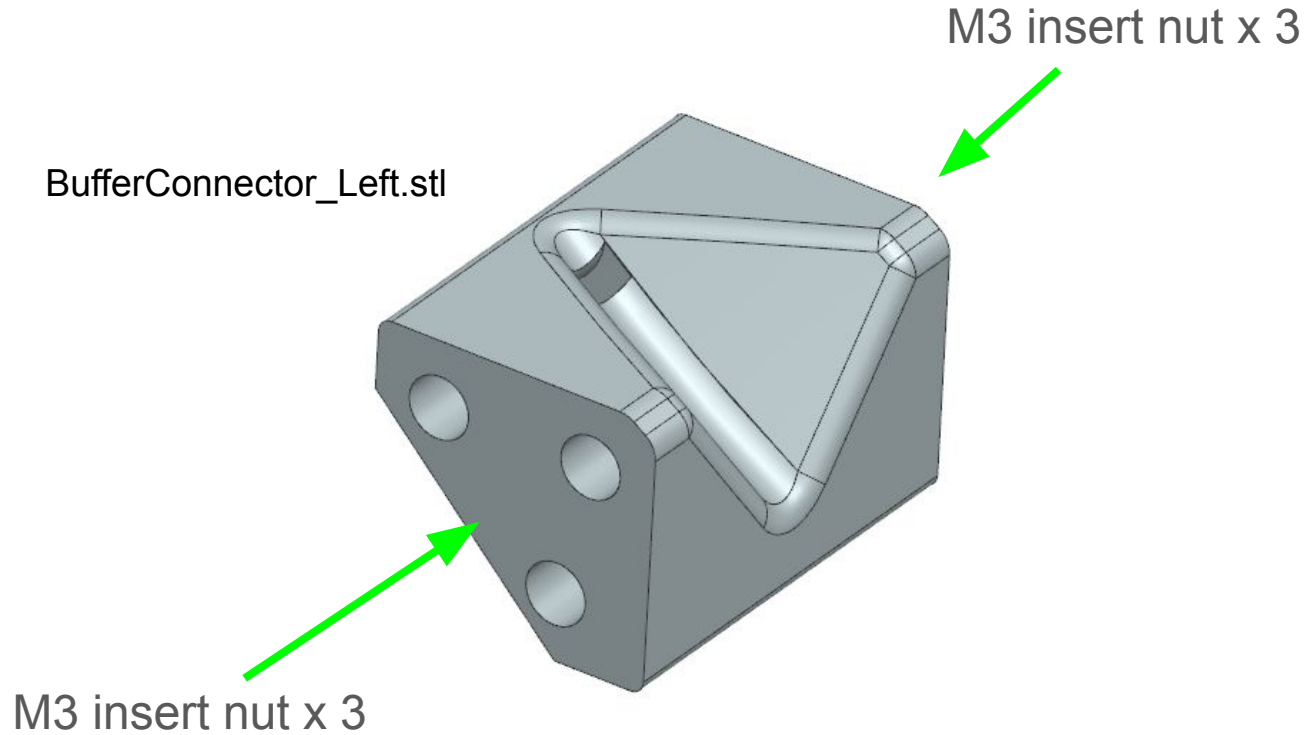


# Assemble

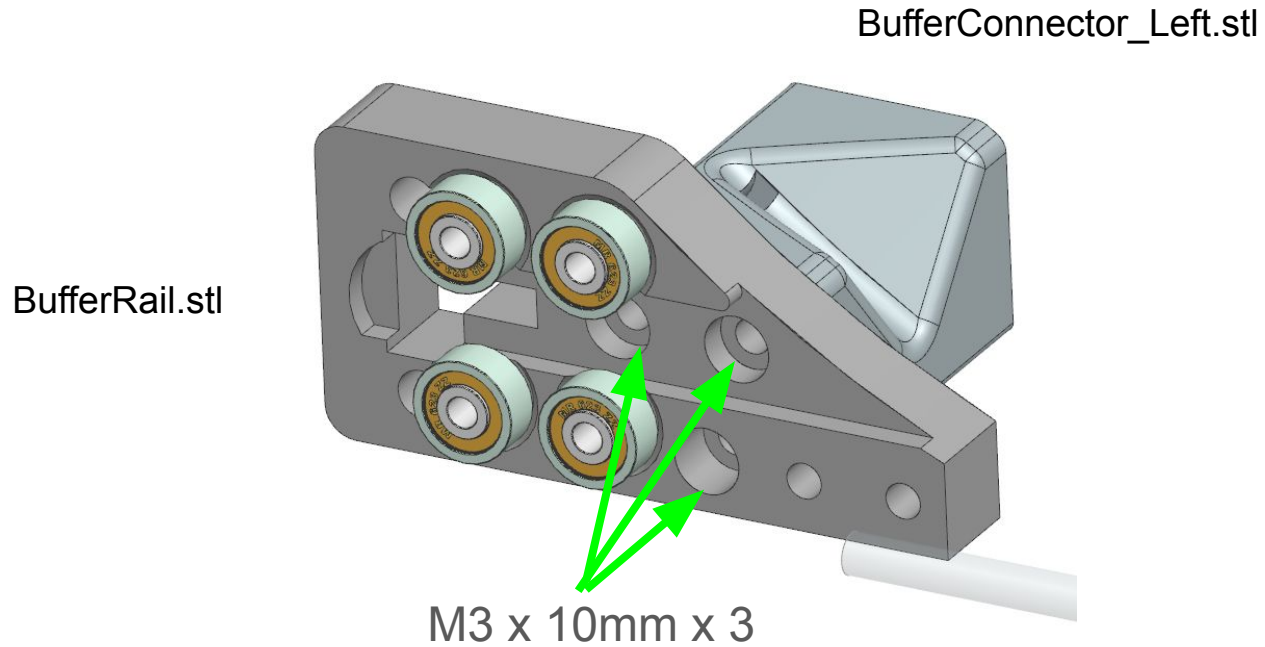
BufferRail.stl



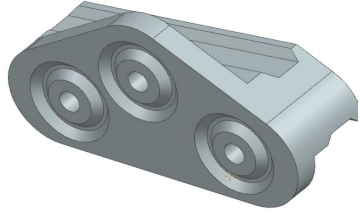
# Assemble



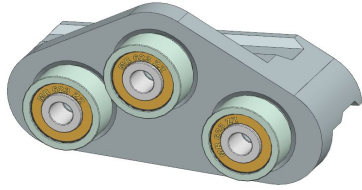
# Assemble



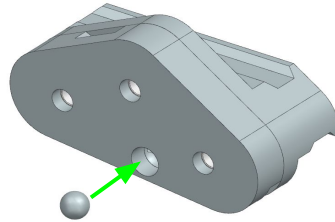
# Assemble



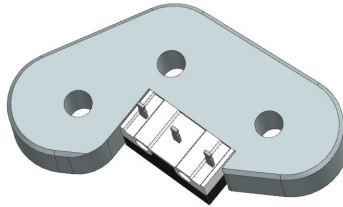
BufferCarrier.stl



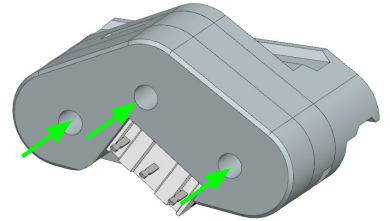
623 Bearing x 3



BufferCarrierCover\_Inner.stl  
4mm Bearing Ball

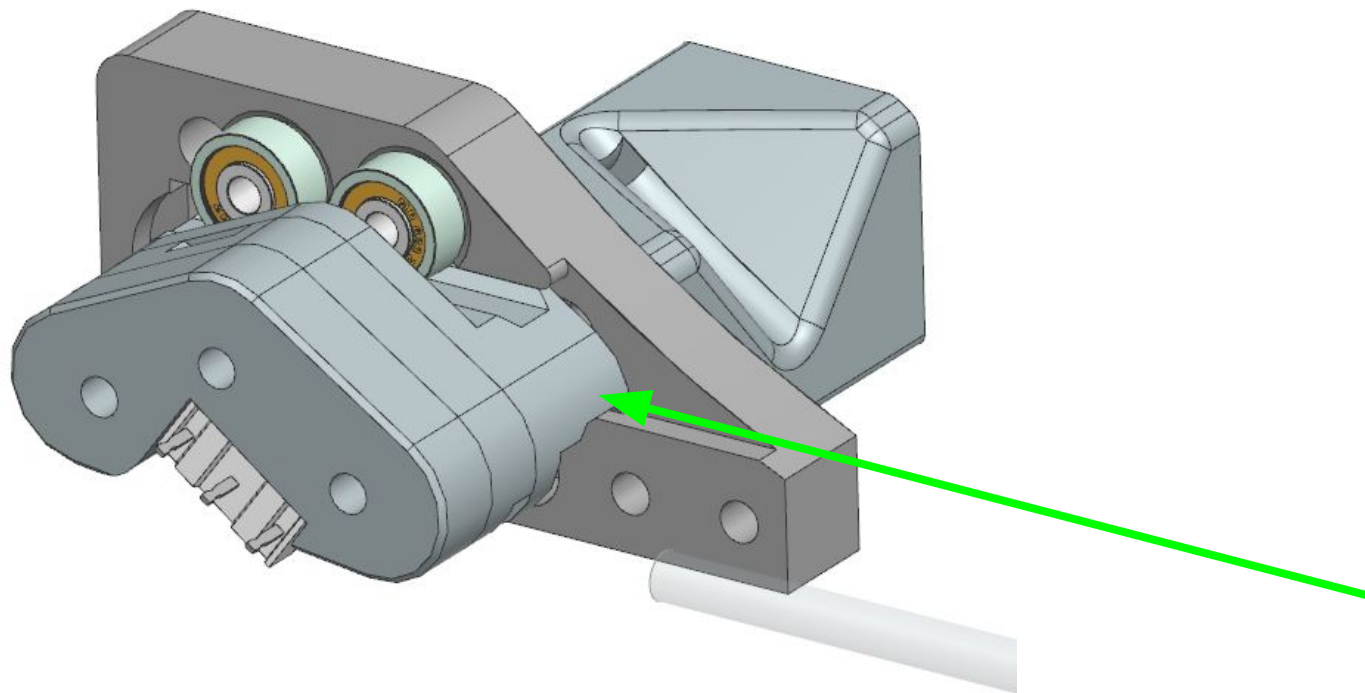


BufferCarrierCover\_Outer[Option].stl  
D2F Micro switch  
M2 self tapping screw x 2

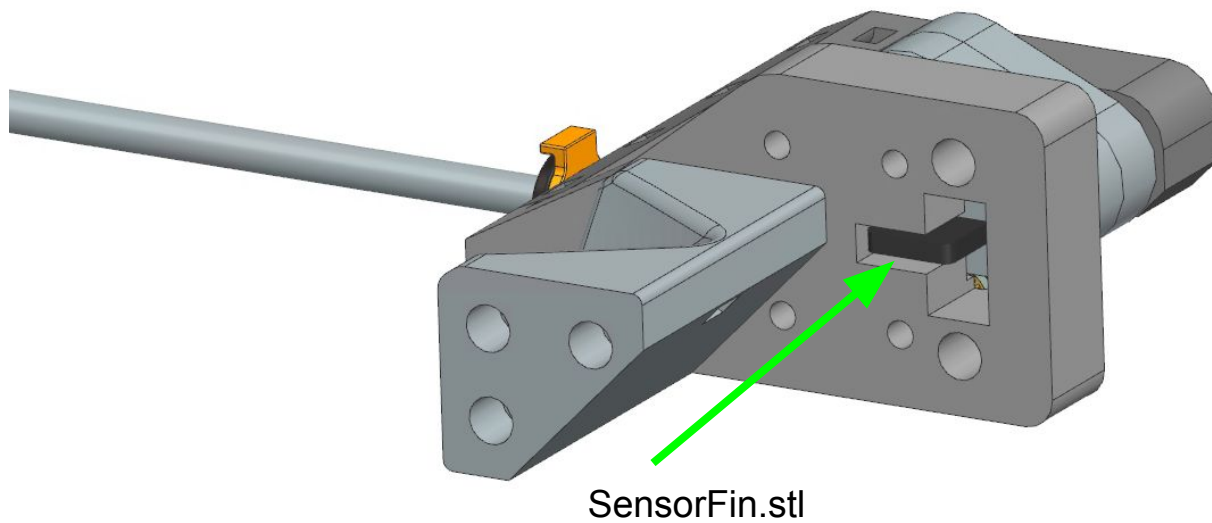


M3 x 15mm x 3

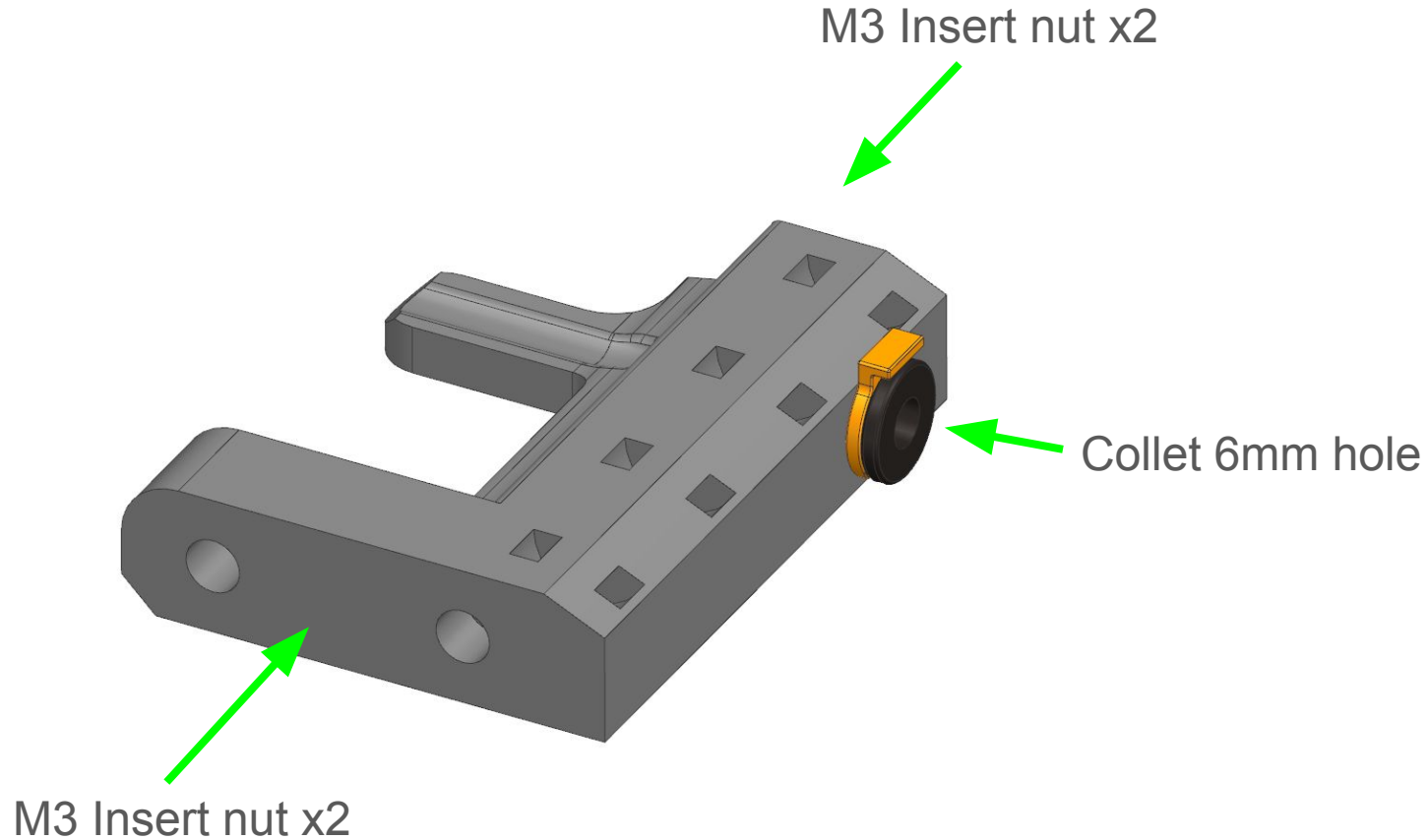
# Assemble



# Assemble

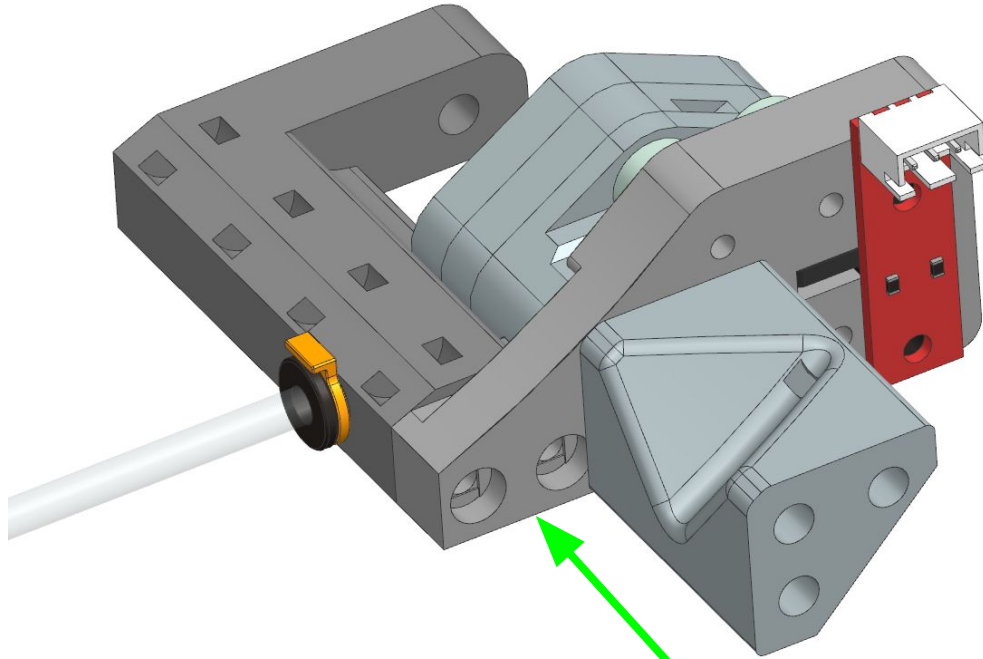


# Assemble





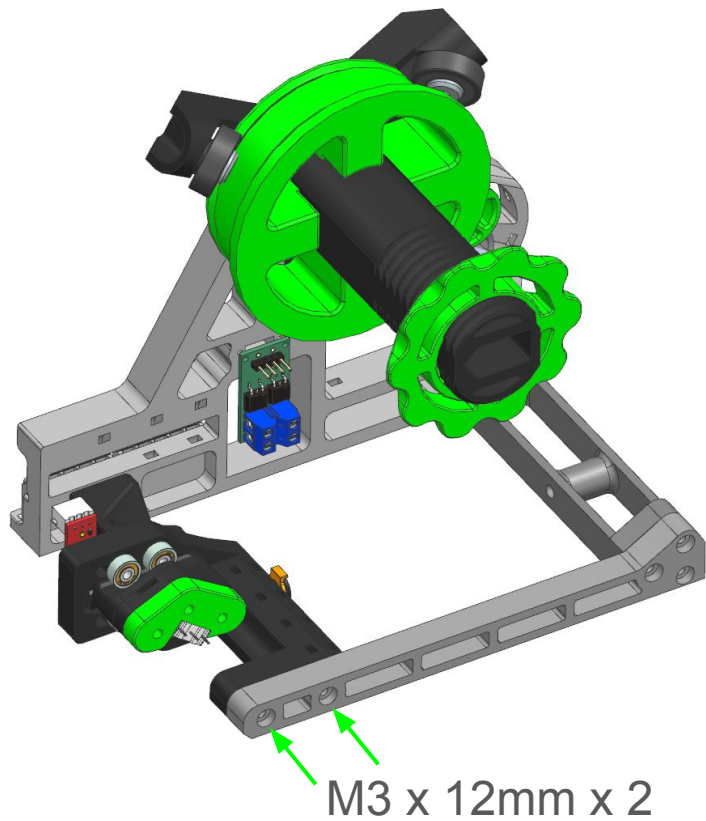
# Assemble



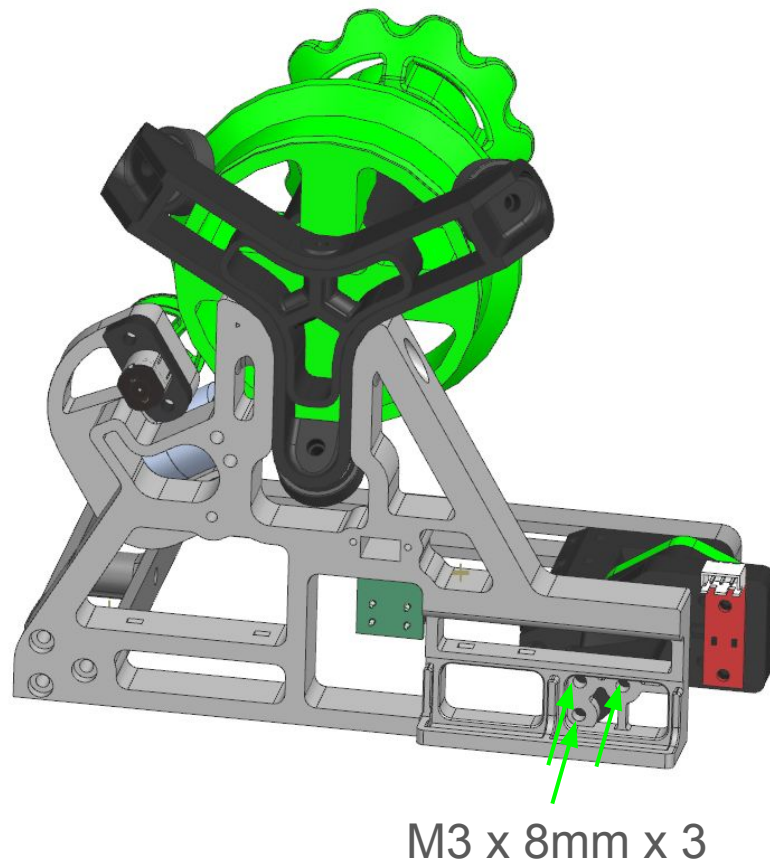
Opto endstop  
M3 x 8mm x 2

M3 x 10mm x 2

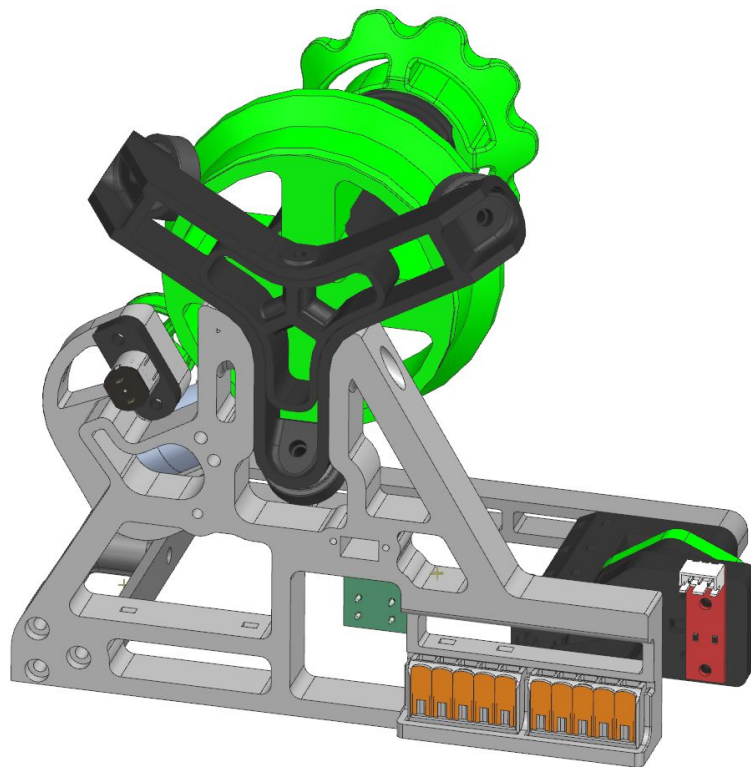
# Assemble



+

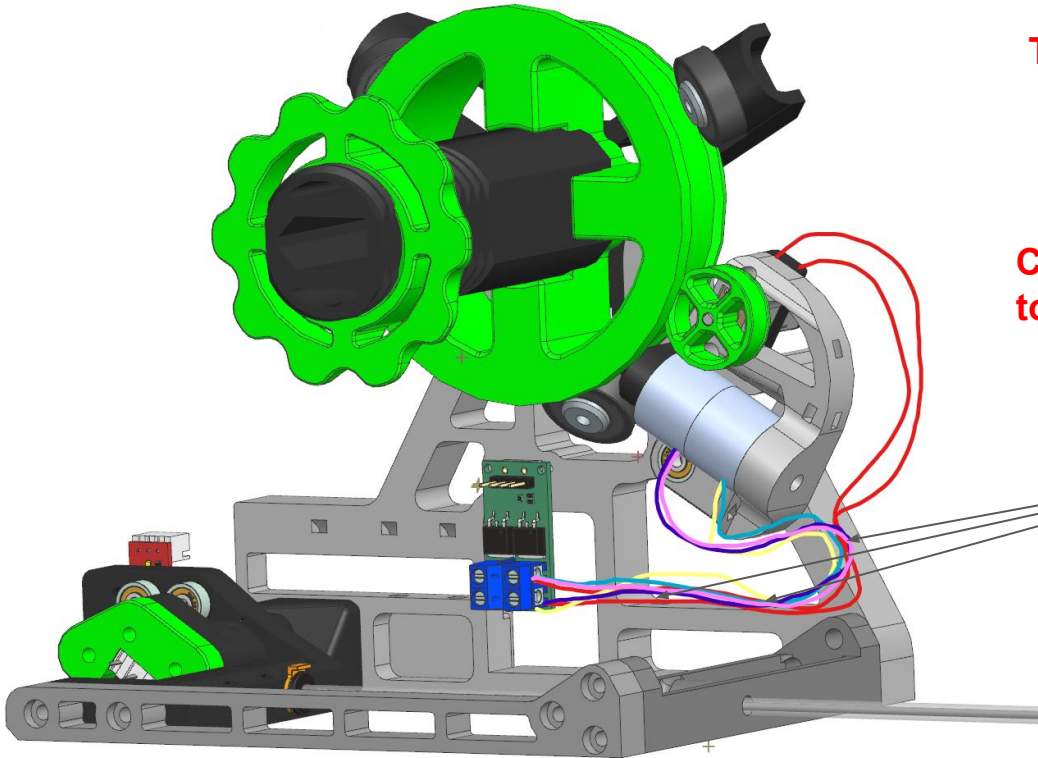


# Assemble



Wago 5 pin x 2

# Wiring



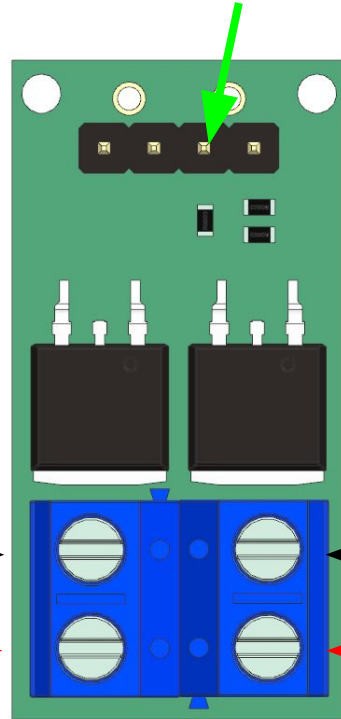
**Before connecting  
Test the rotation direction of the motor and  
the polarity of the electromagnet.**

**Connect the wire loosely enough  
to not affect the movement of the Motor Module**

Cable tie x 3

# Wiring

Opto endstop "S" pin



**Before connecting  
Test the rotation direction of the motor and  
the polarity of the electromagnet.**

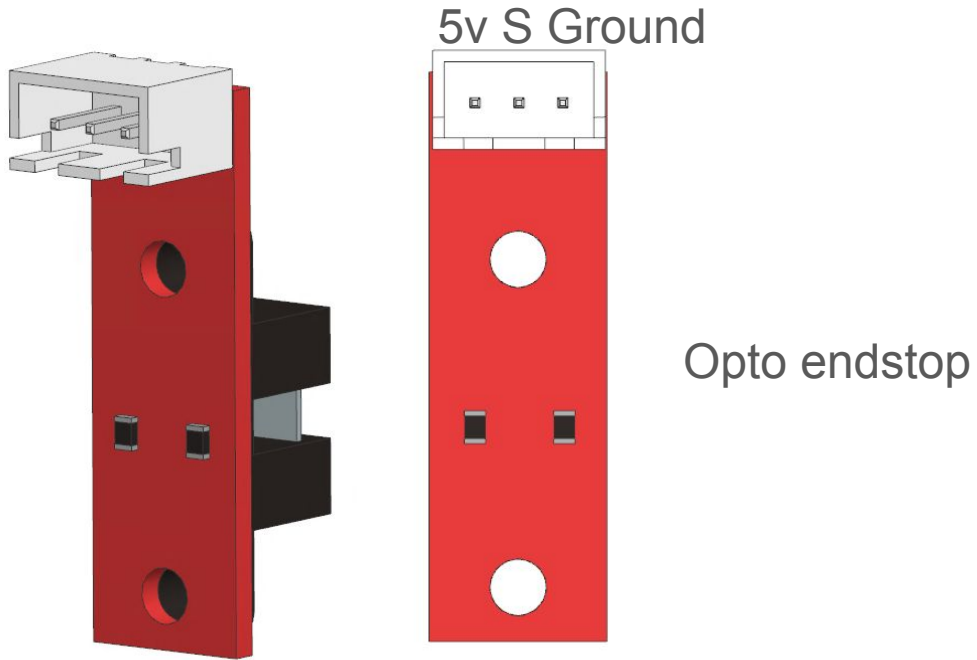
Ground →

5 volt →

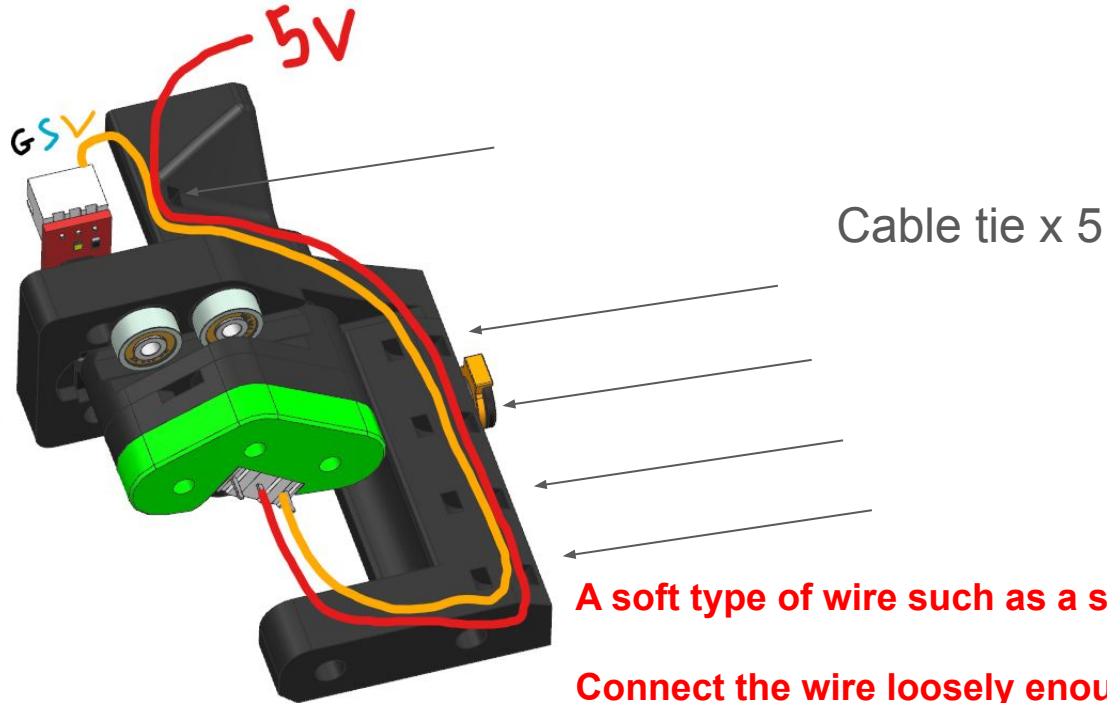
← Motor, Is-p20/15

← Motor, Is-p20/15

# Wiring



# Wiring



**A soft type of wire such as a silicone cable is recommended.**

**Connect the wire loosely enough  
to not affect the movement of the buffer carrier.**

# Wiring

