Recyclebot V5 STL Glossary

https://www.sciencedirect.com/science/article/pii/S2468067218300208

Aubrey Woern

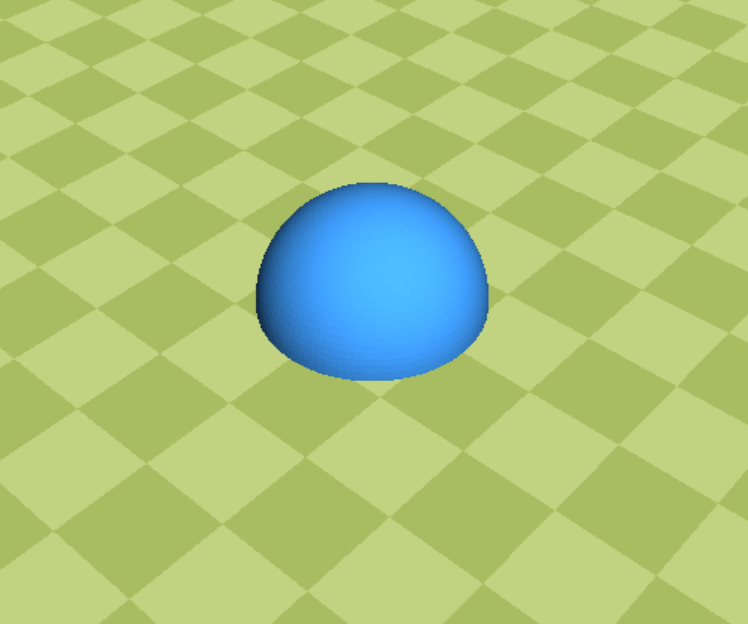
2-16-2018

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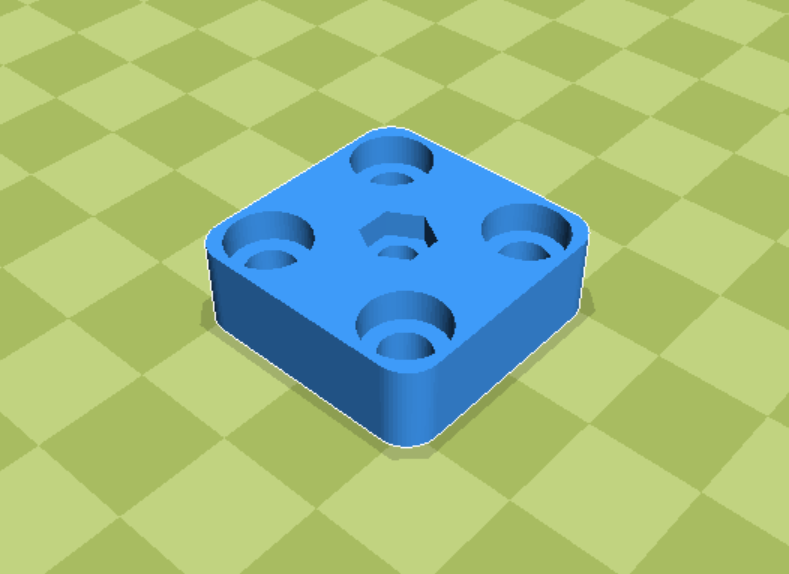
Control Panel\_Side\_x2

Assembly Name Part Name Quantity Needed

# Board Assembly

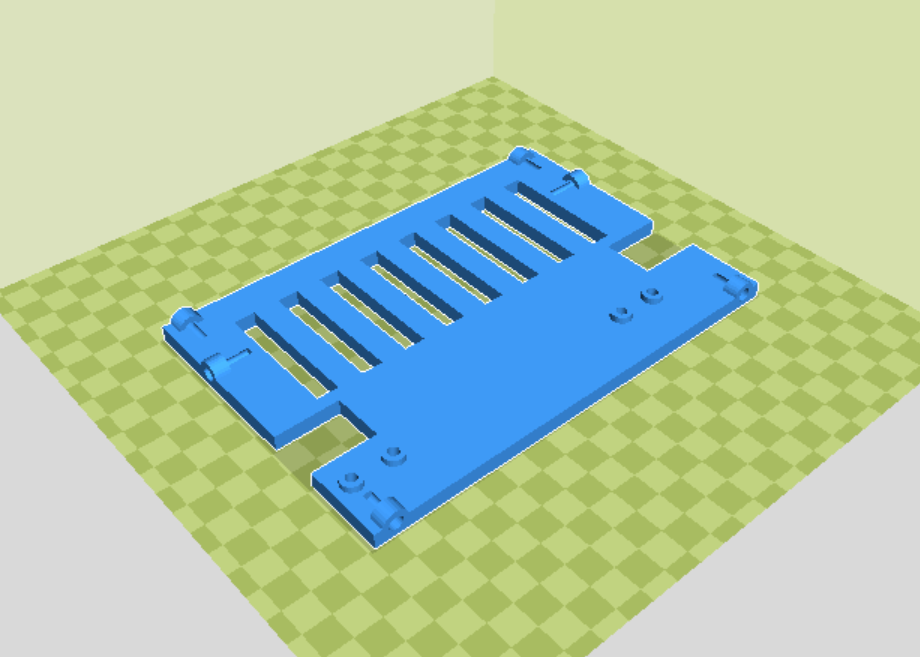


Board\_Feet (Ninjaflex)\_x4

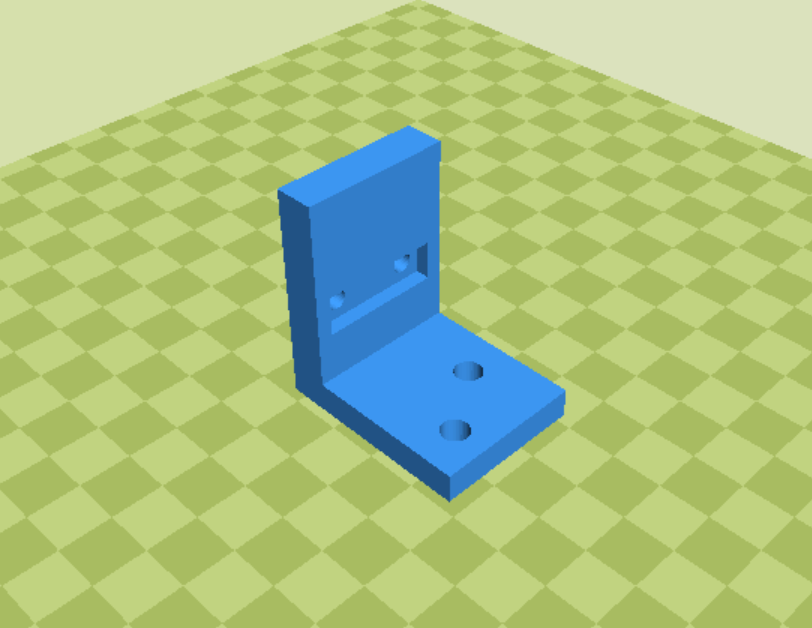
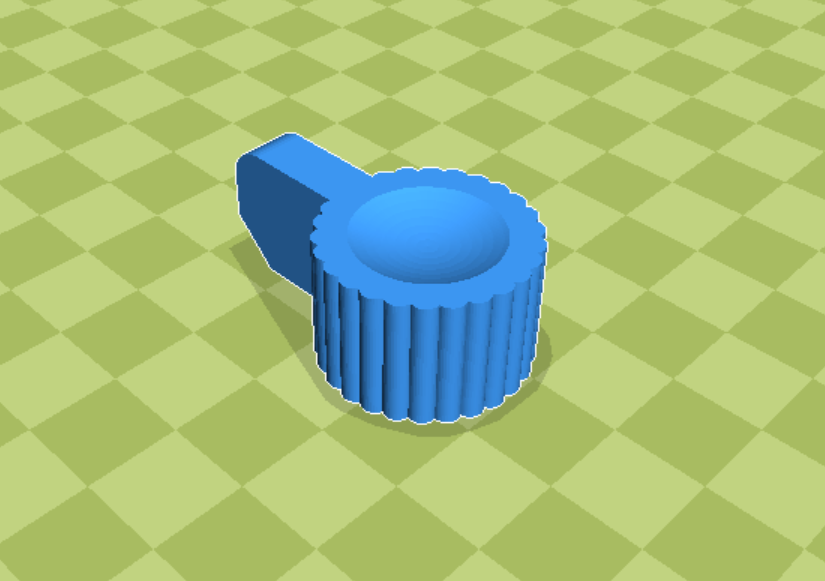
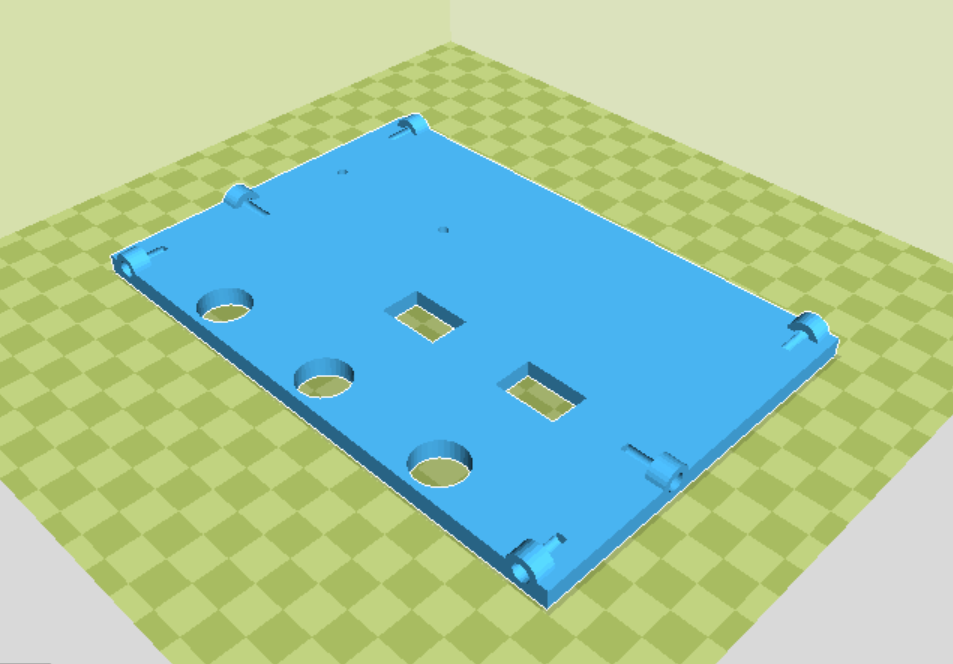
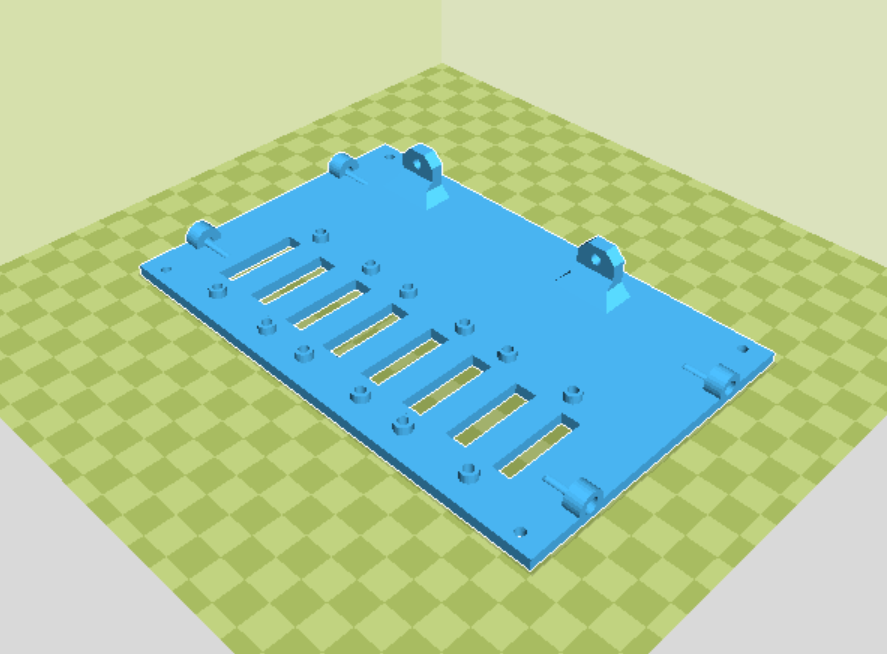


Board\_Feet Screw Mount\_x4

# Control Panel Assembly



Control Panel\_Back\_x1

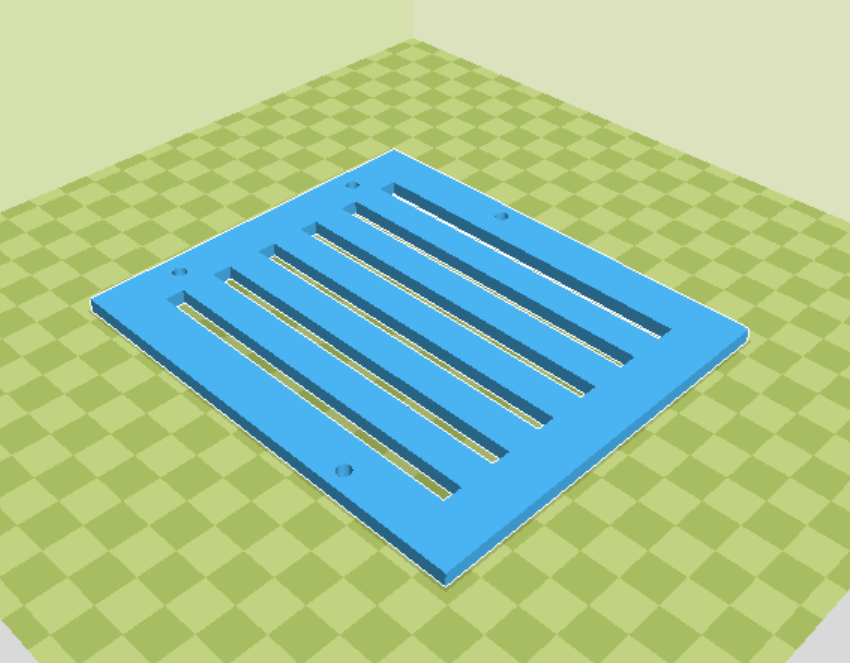


Control Panel\_Front\_x1

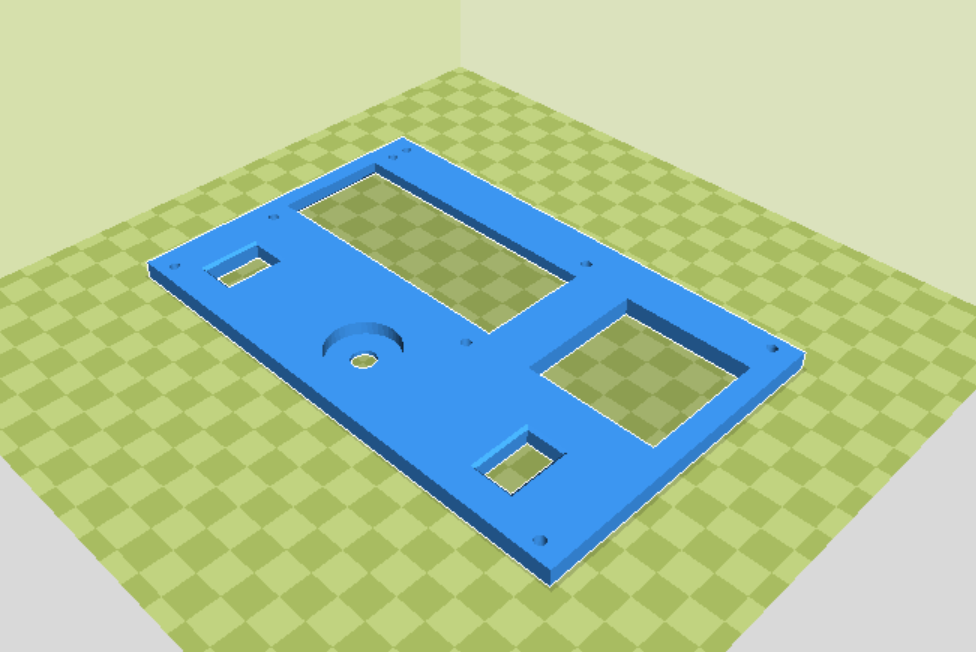
Control Panel\_Bottom\_x1

Control Panel\_Mounting Brackets\_x1

Control Panel\_LCD Knob\_x1

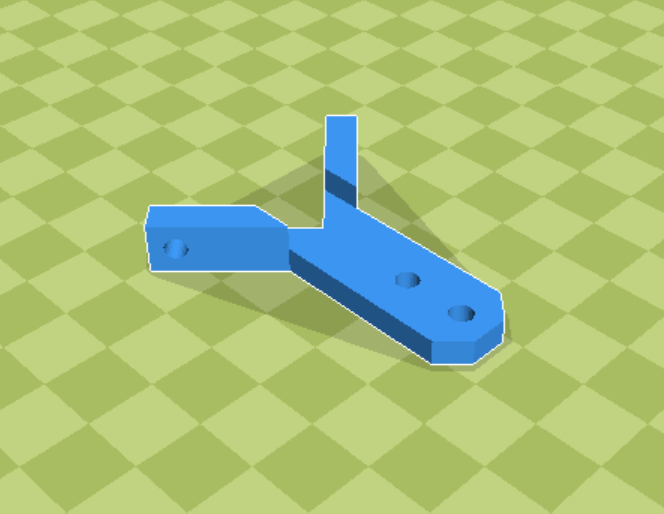
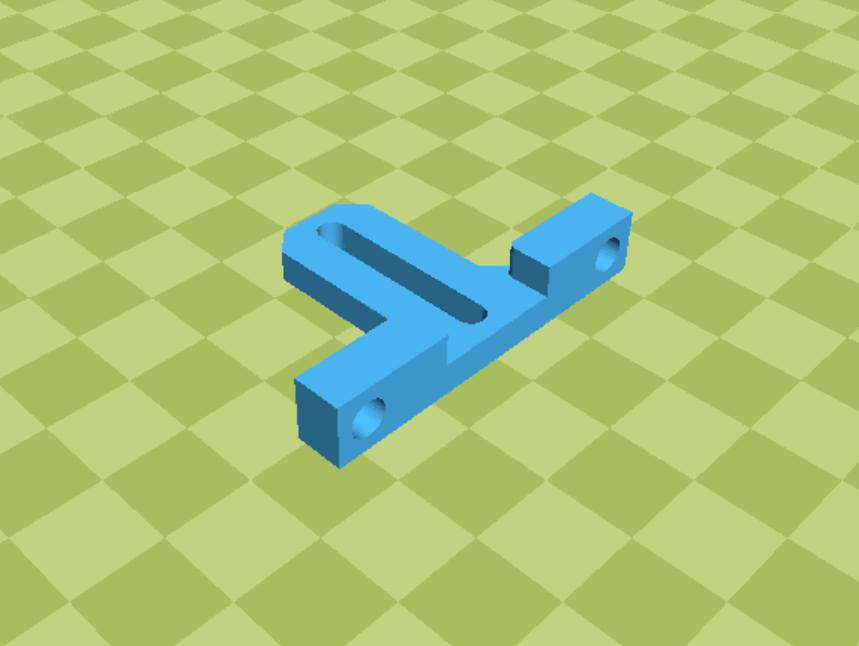
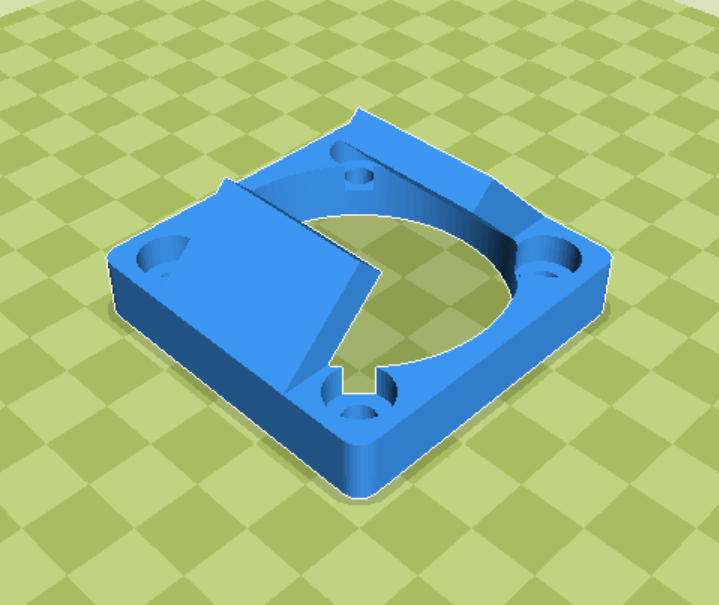


Control Panel\_Side\_x2



Control Panel\_Top\_x1

# Cooling Assembly

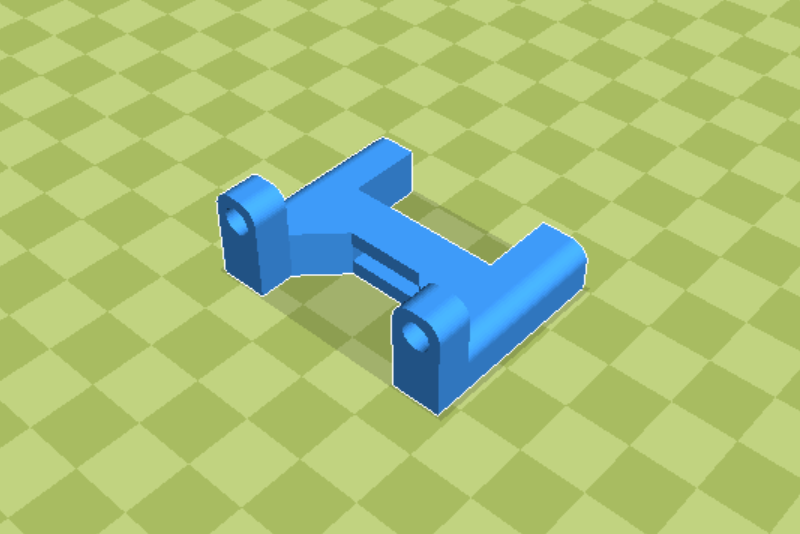
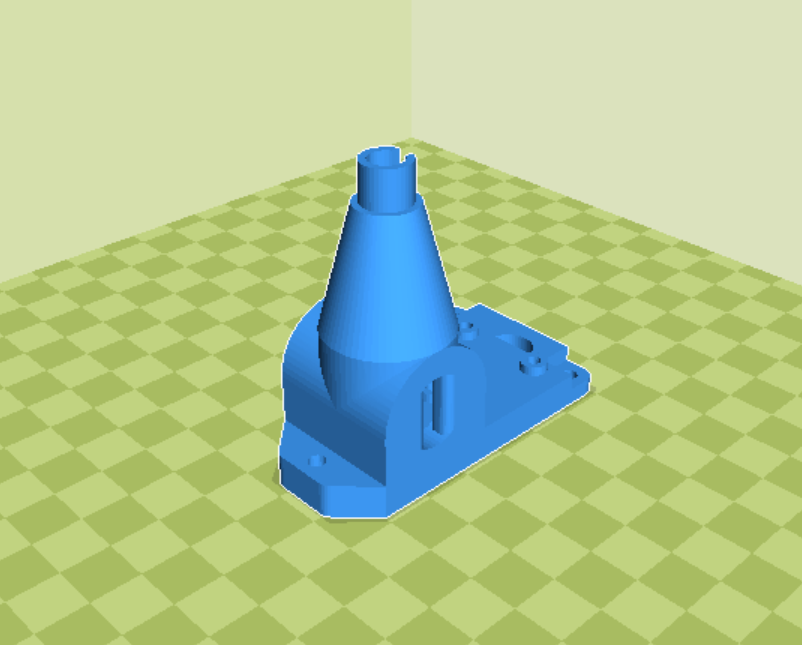


Cooling\_Aluminum Trough Holders Top\_x2

Cooling\_Aluminum Trough Holders Bottom\_x2

Cooling\_Aluminum Trough Fan Mount\_x4

# Diameter Sensor Assembly



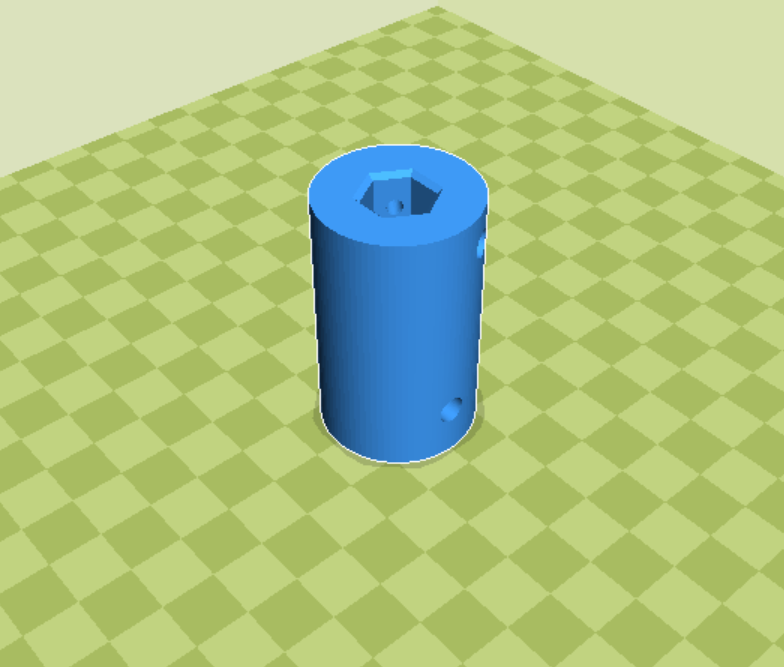
Diameter Sensor\_Cap\_x1

Diameter Sensor\_Body\_x1

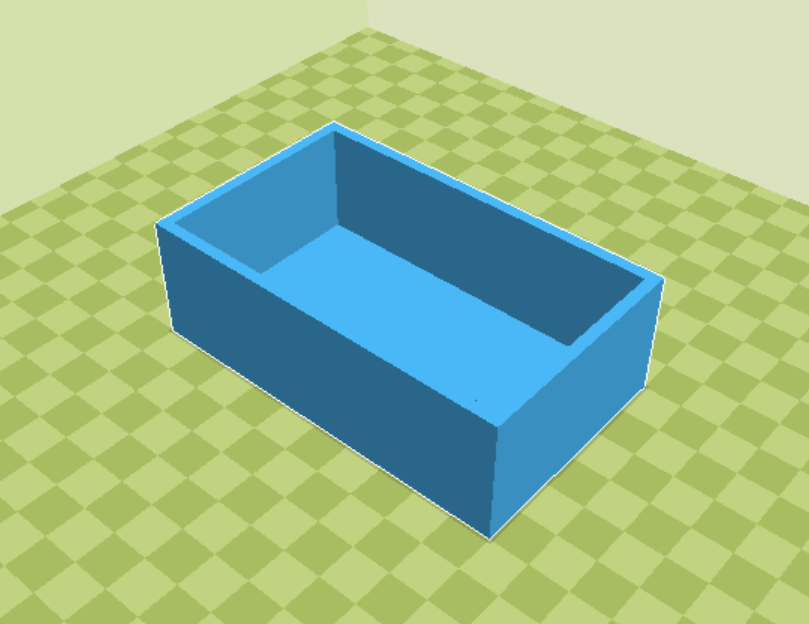
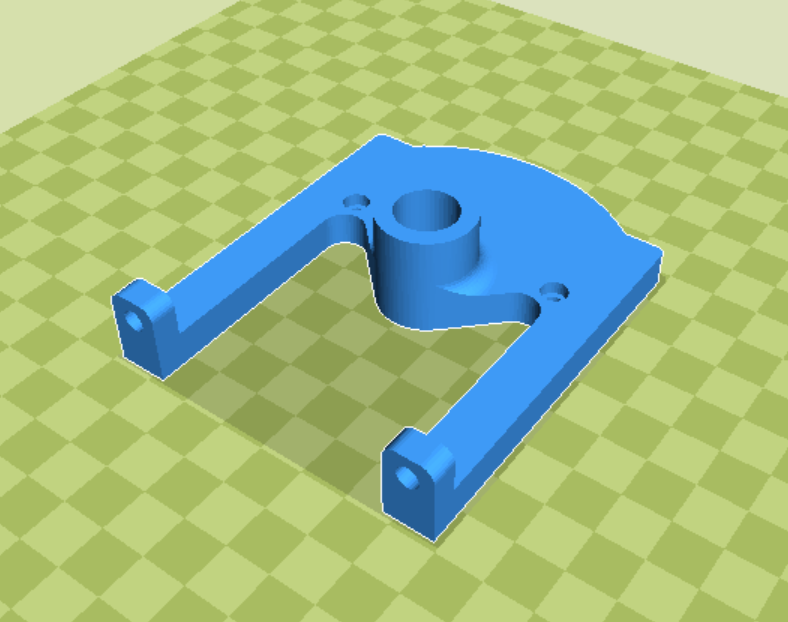
Diameter Sensor\_Legs\_x1

Diameter Sensor\_Single Leg\_x1

# Extrusion Assembly

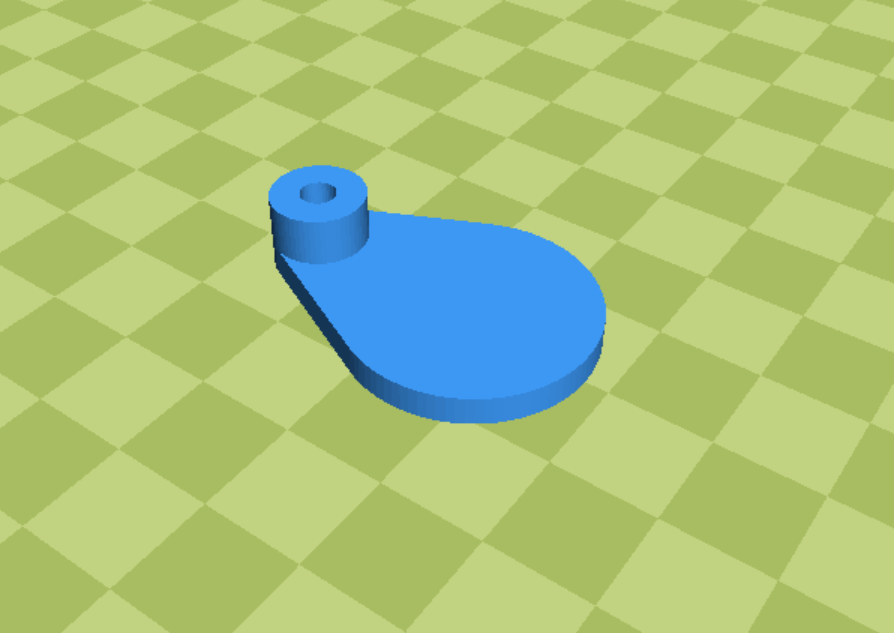


Extrusion\_Auger Coupler\_x1

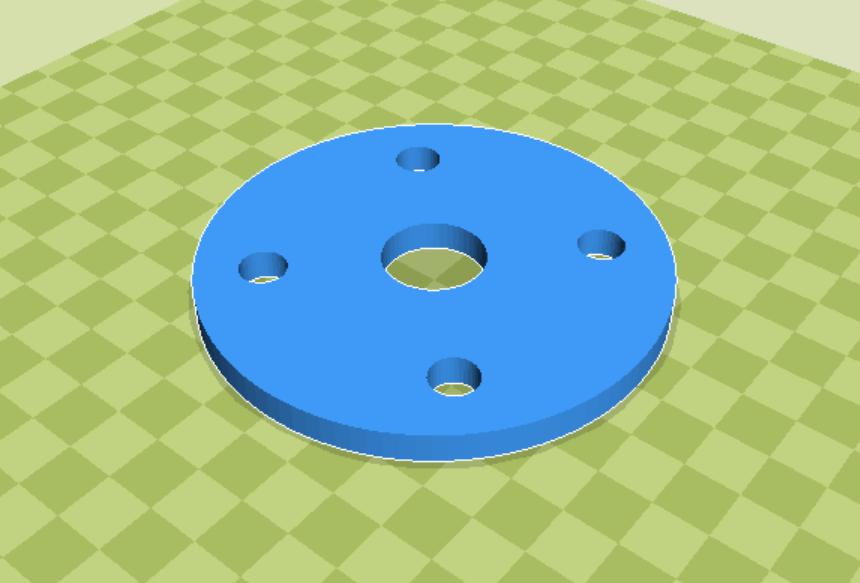


Extrusion\_Hopper Catch Bin\_x1

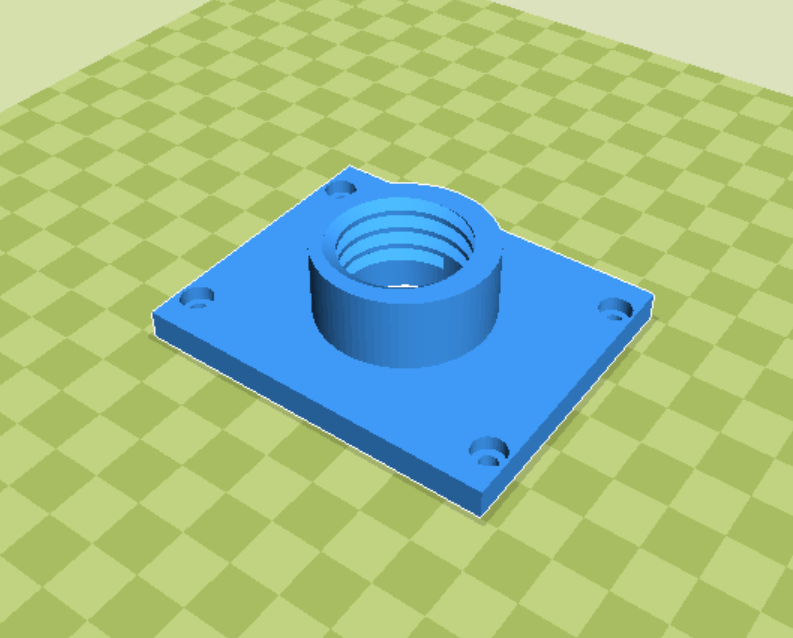
Extrusion\_Hopper Feet\_x1



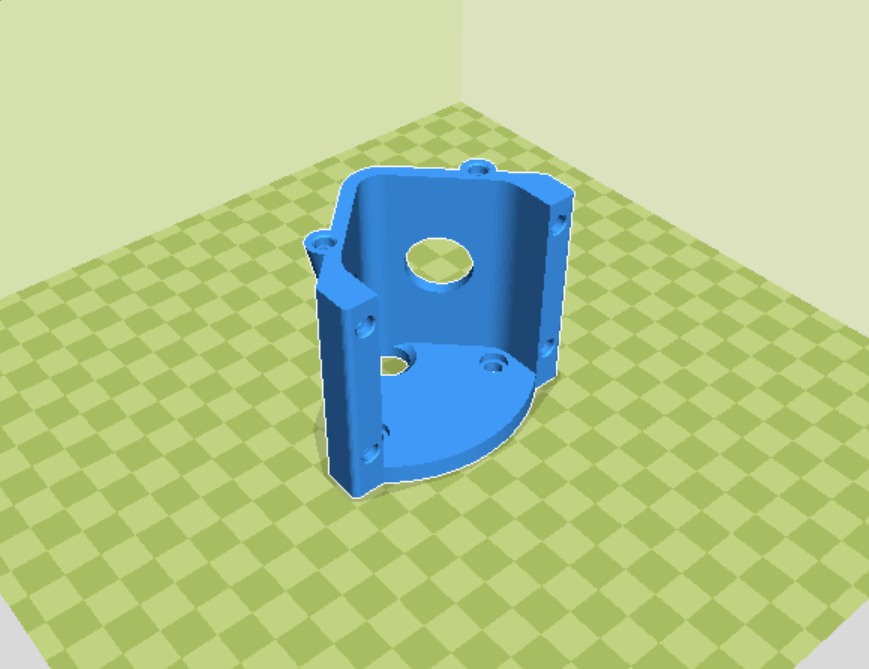
Extrusion\_Hopper Hole Cover\_x2



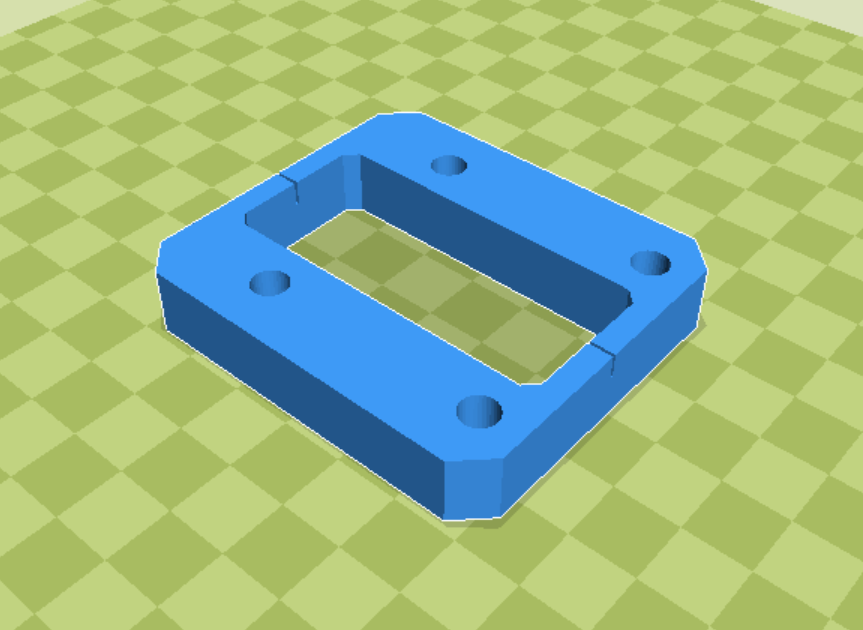
Extrusion\_Hopper Insulation\_x1



Extrusion\_Hopper Screw Cap\_x1

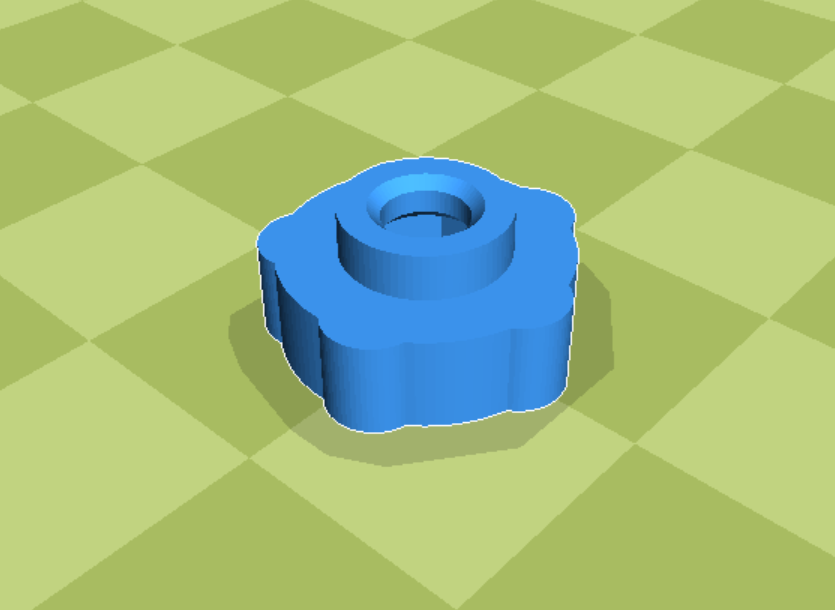


Extrusion\_Hopper Trough\_x1



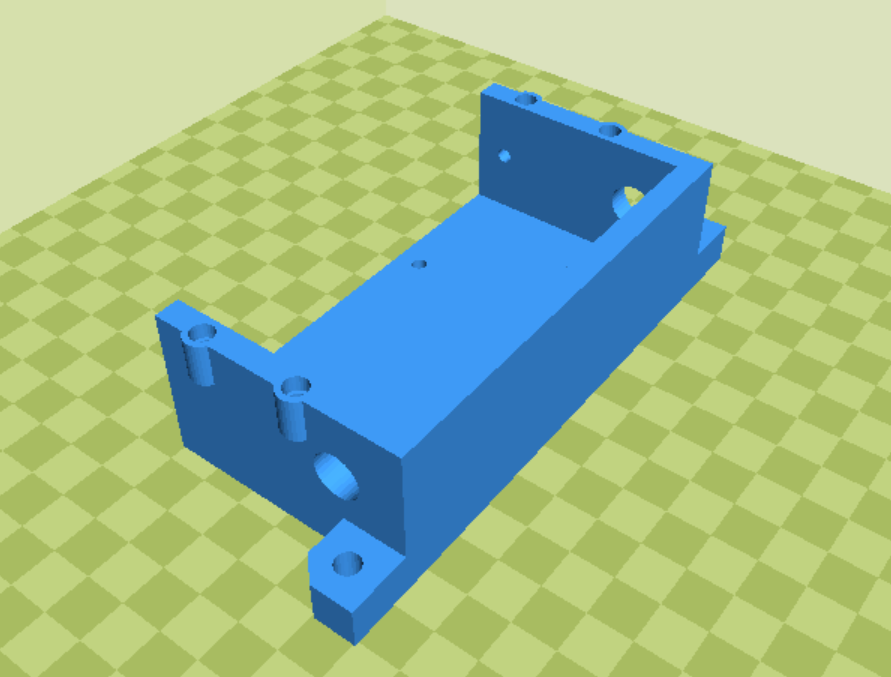
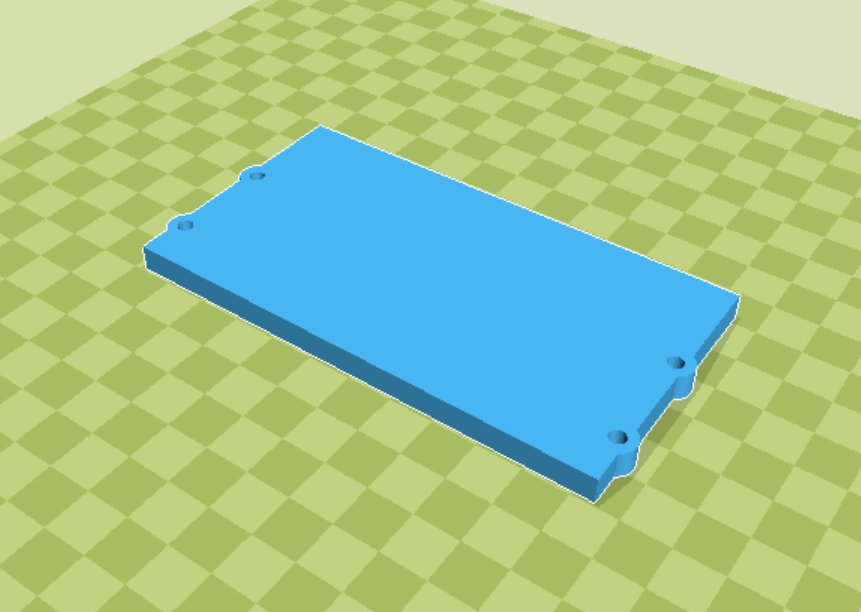
Extrusion\_Motor Template\_x2

# MISC Components



MISC\_M3 Thumb Screw Conversion\_x12

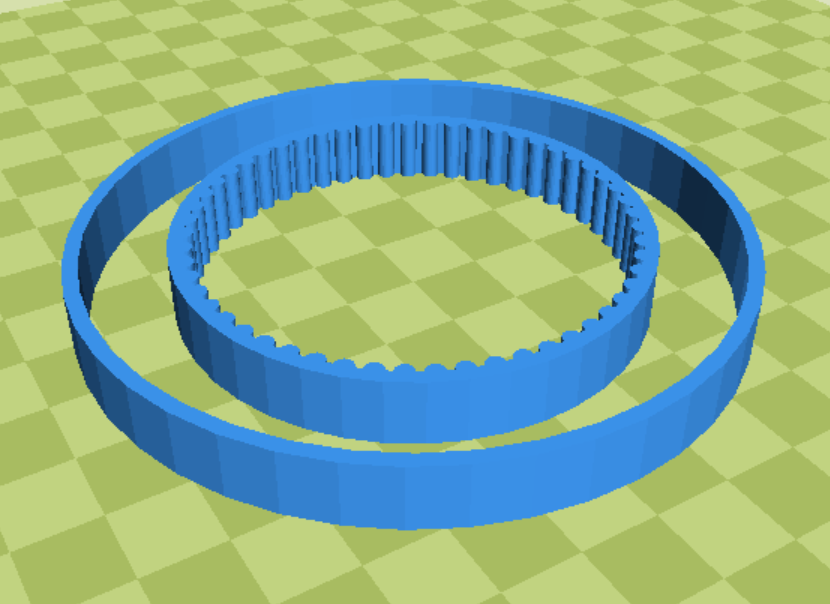
# Power Supply Assembly



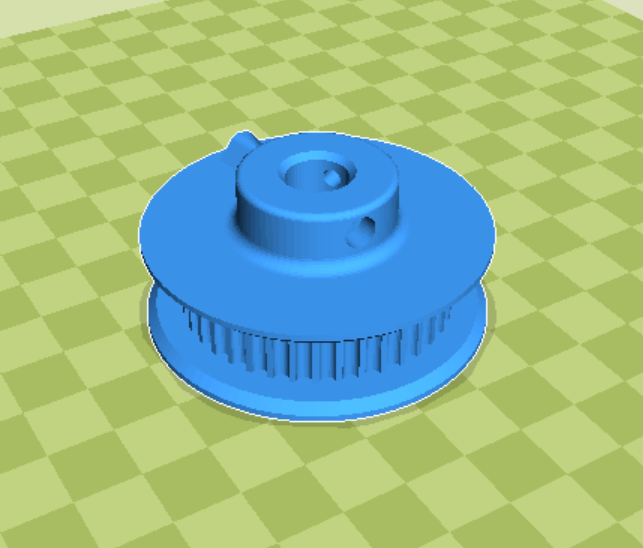
Power Supply\_Mount\_x1

Power Supply\_Cover\_x1

# Puller Assembly



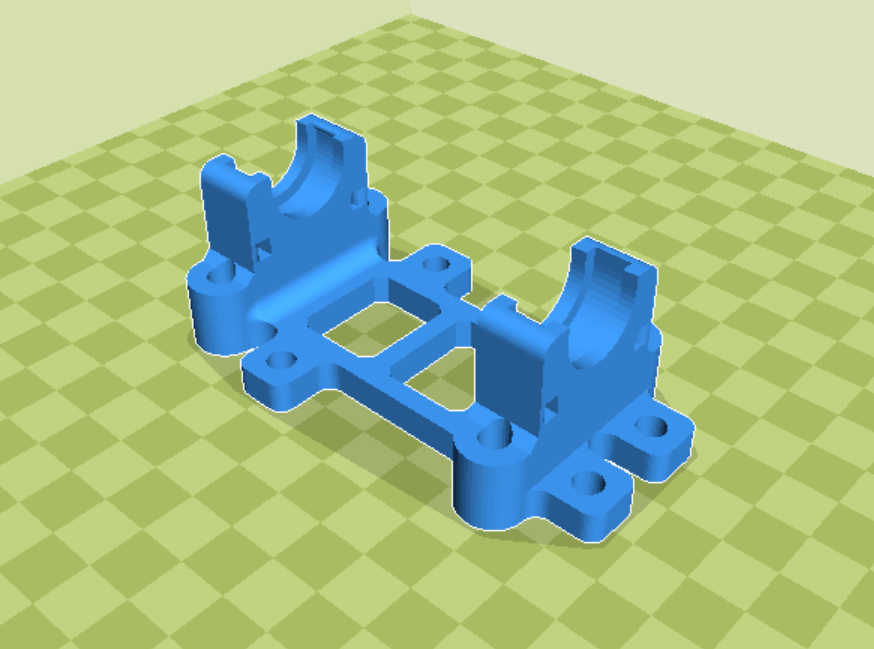
Puller&Spooler\_Belts\_x1 (Ninjaflex)



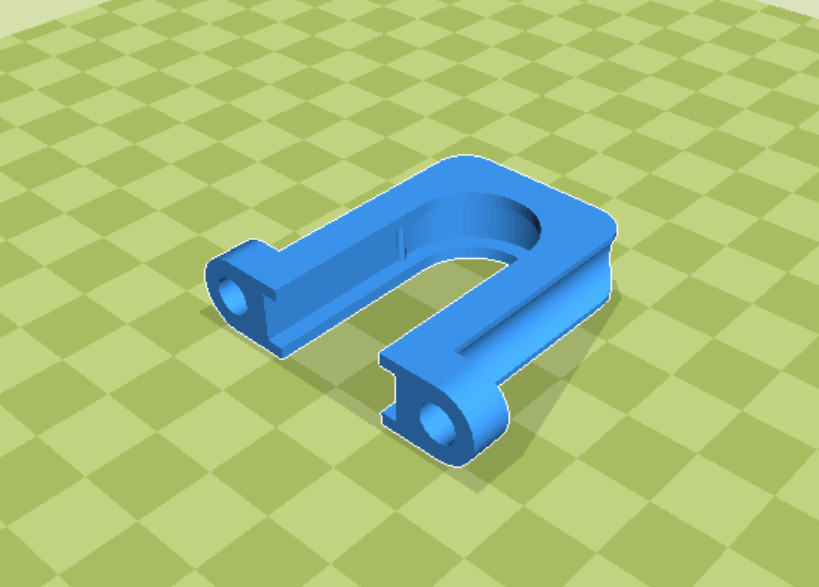
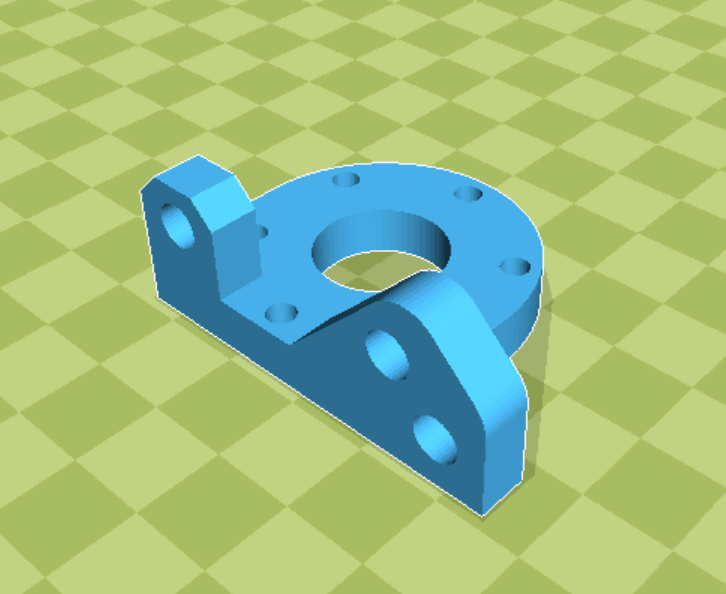
Puller&Spooler\_Large Belt Pulley\_x2



Puller&Spooler\_Small Belt Pulley\_x2



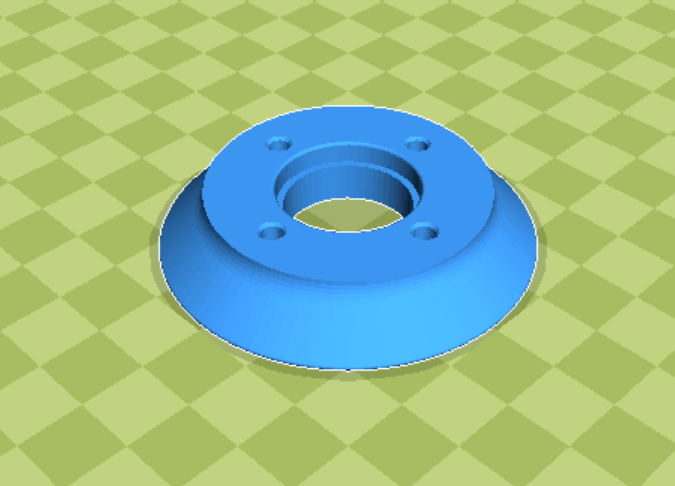
Puller\_Base\_x1



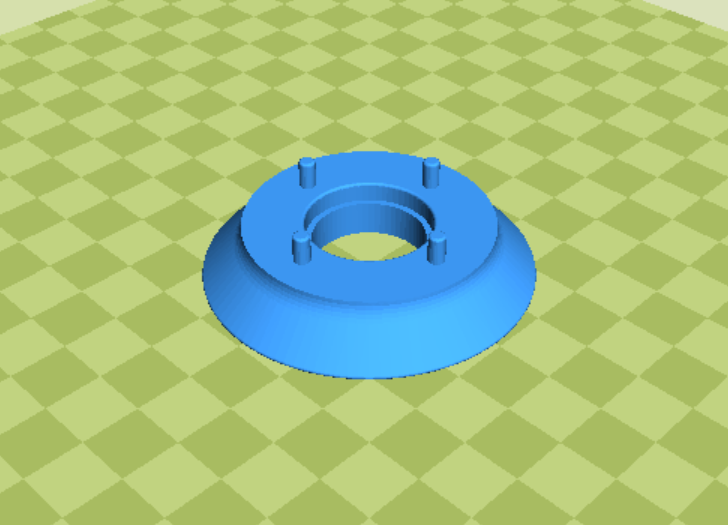
Puller\_Top Bearing Holder\_x2

Puller\_DC Motor Mount\_x1

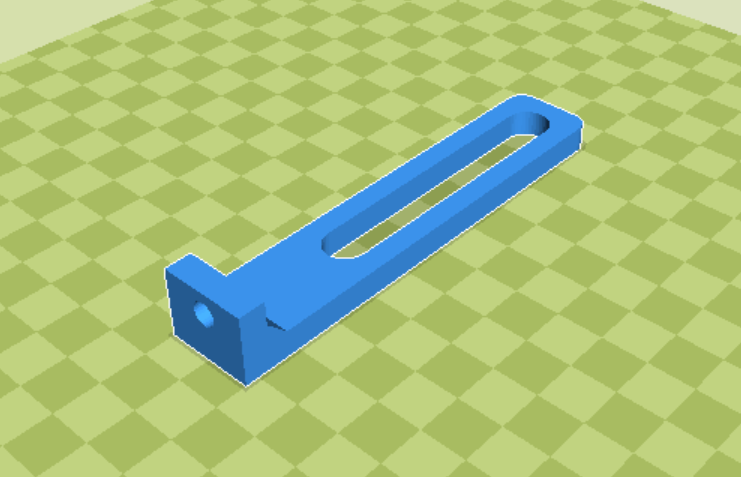
# Roller Assembly



Roller\_Half 1\_x2

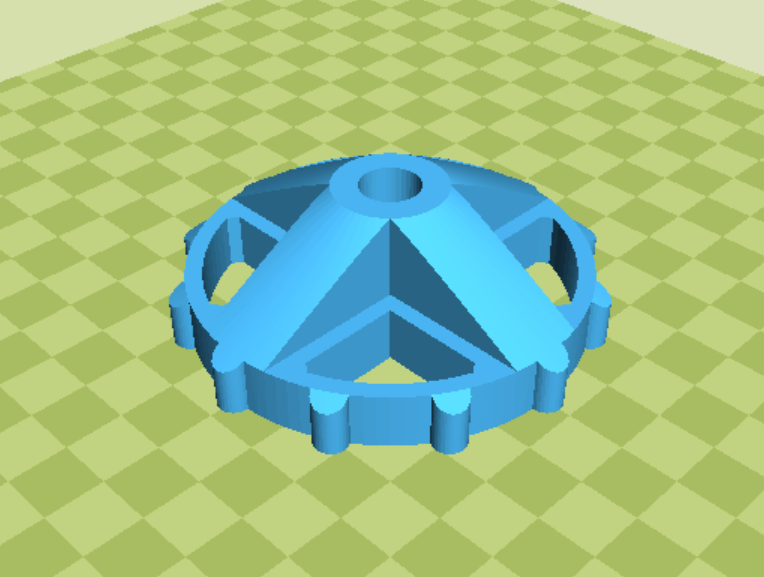
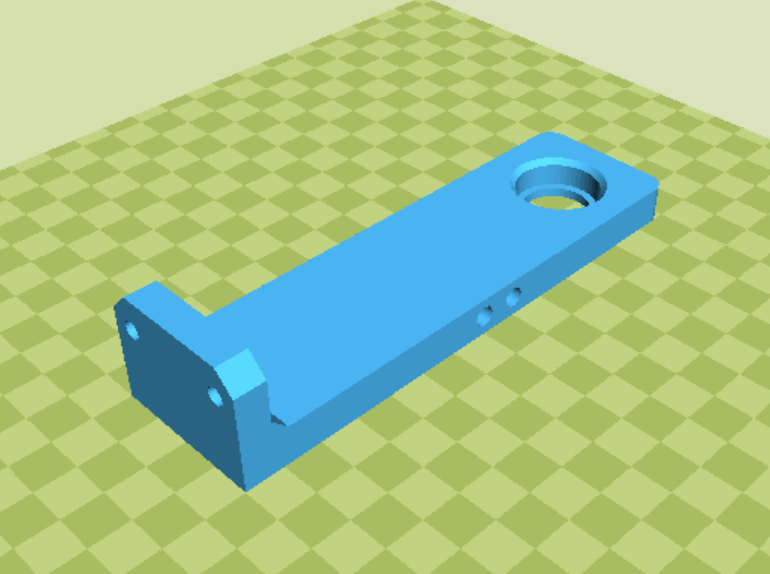
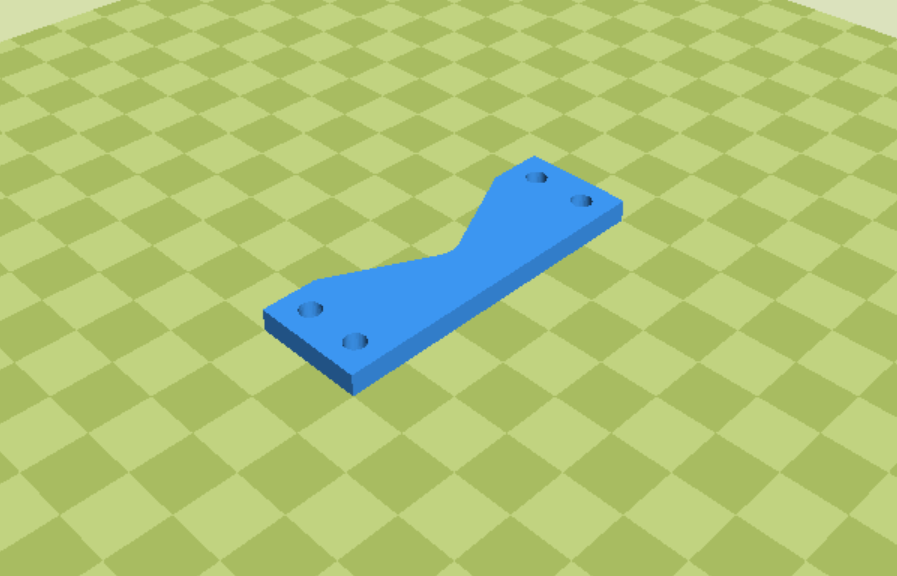
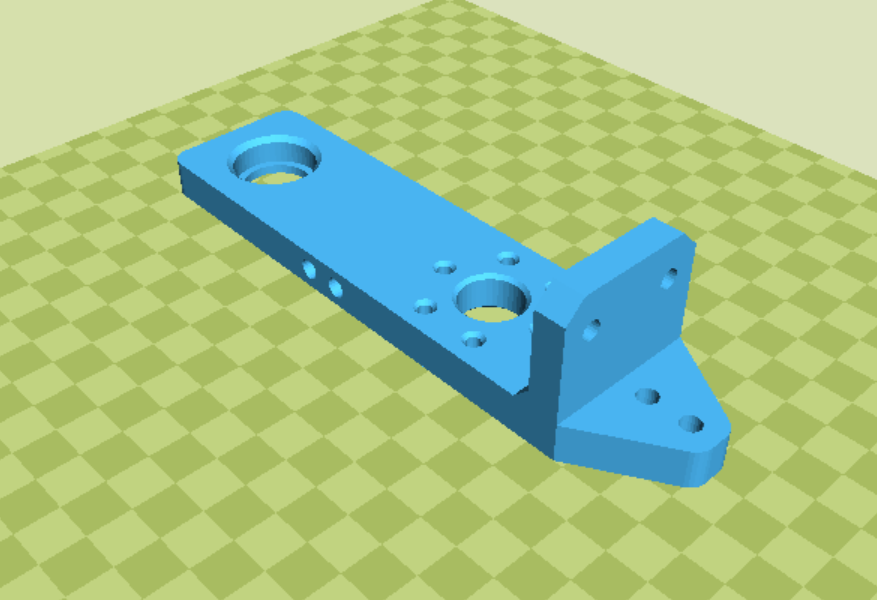


Roller\_Half 2\_x2



Roller\_Wood Mount\_x1

# Spooler Assembly



Spooler\_Cross Beam\_x2

Spooler\_Back Bearing Tower\_x1

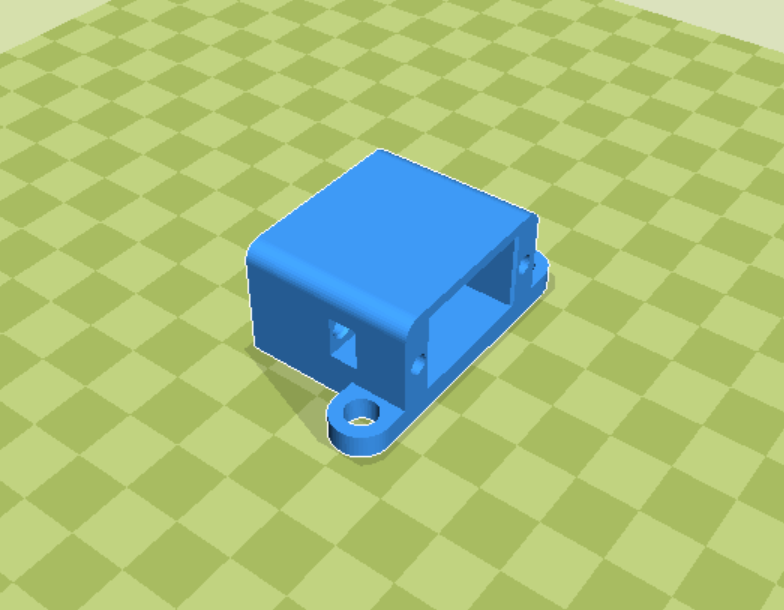
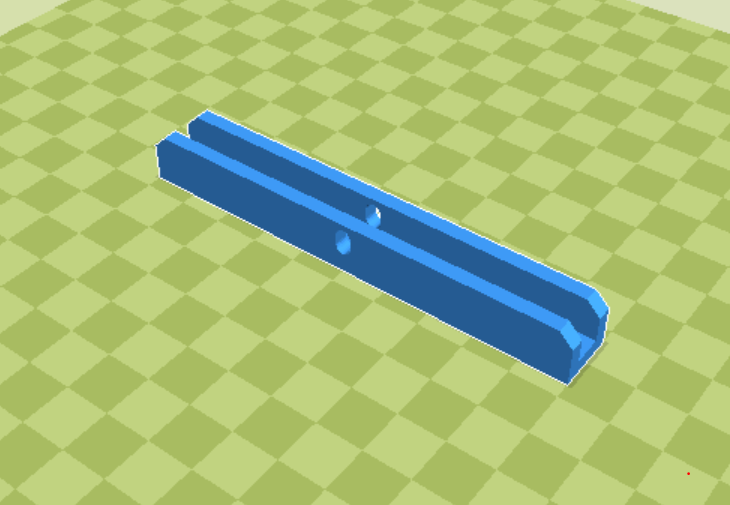
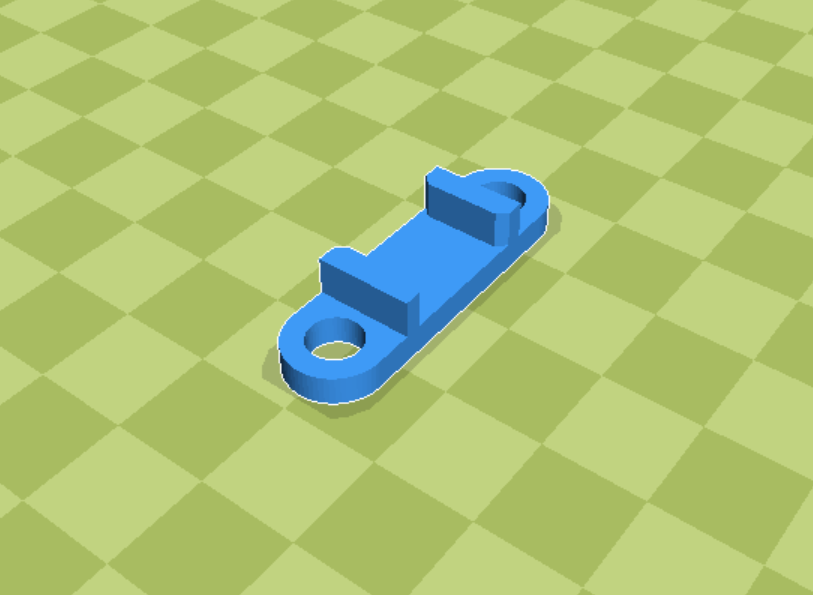
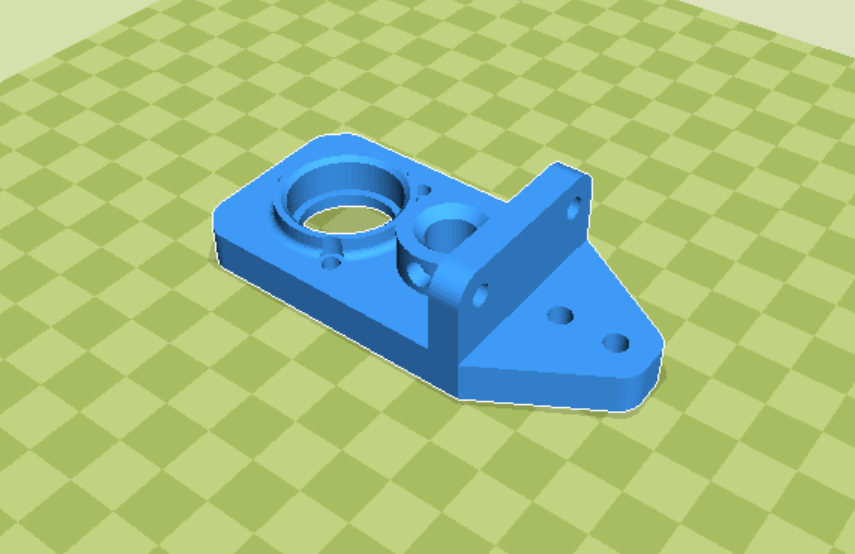
Spooler\_Hub\_x2

Spooler\_Front Bearing Tower\_x1

# Traverse Assembly



Traverse\_Coupler Half\_x2

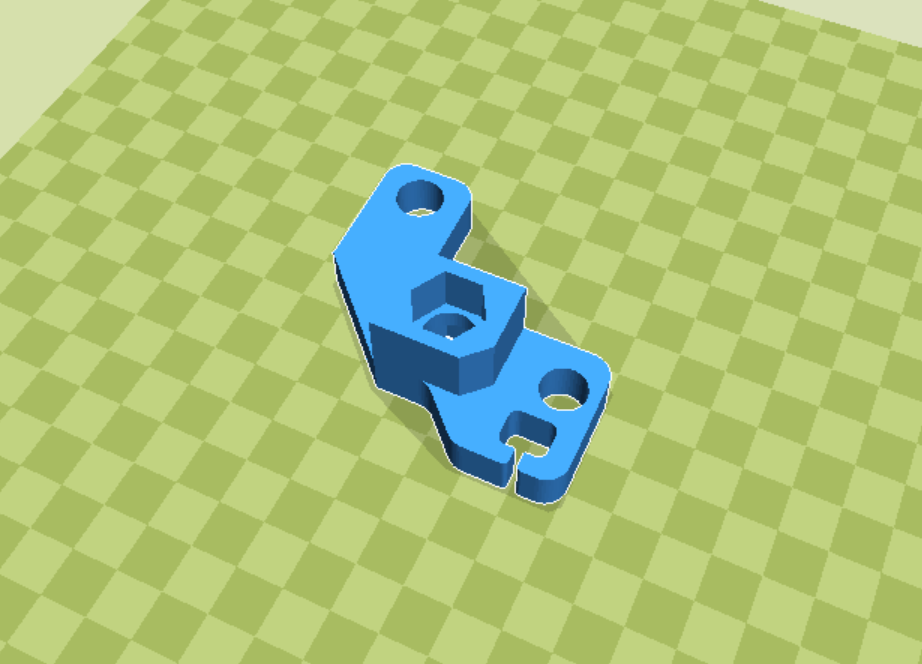


Traverse\_Slider Guide\_x2

Traverse\_Motor and Bearing Mount\_x2

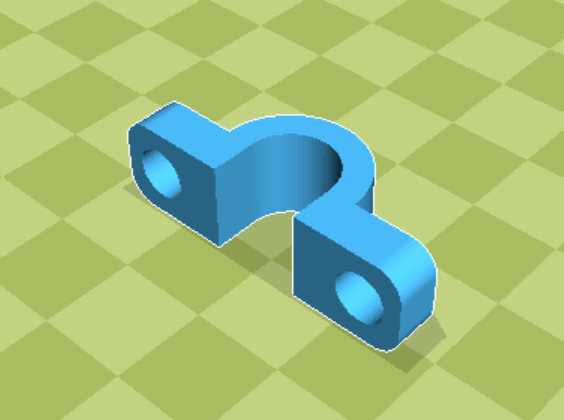
Traverse\_Slider\_x1

Traverse\_Switch Housing\_x1



Traverse\_Threaded Rod Cart\_x1

# Wiring Assembly



Wiring\_Loom Mounts\_x14