

Files on the USB Drive

1. 3D Literacy Essentials
2. Master flexMendel 3D Printed Parts
3. flexMendel firmware file
4. PDF drawings
5. S1ic3r files
6. 3DP Inventory Check List
7. Concept to Reality Process – Short
8. flexMendel BOM Calculator
9. Plastic Part Cost Calculator
10. Printed Part Cost Information

flexMendel Part Identification Key

Custom Aluminum Parts:

Bed Plate

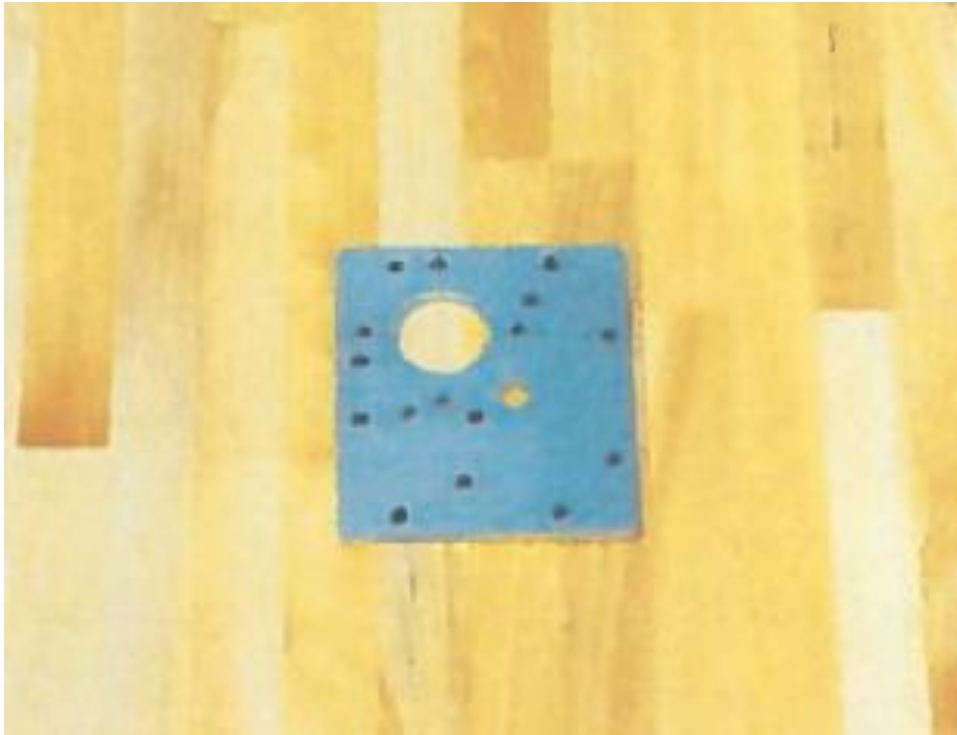


Electronics Tray

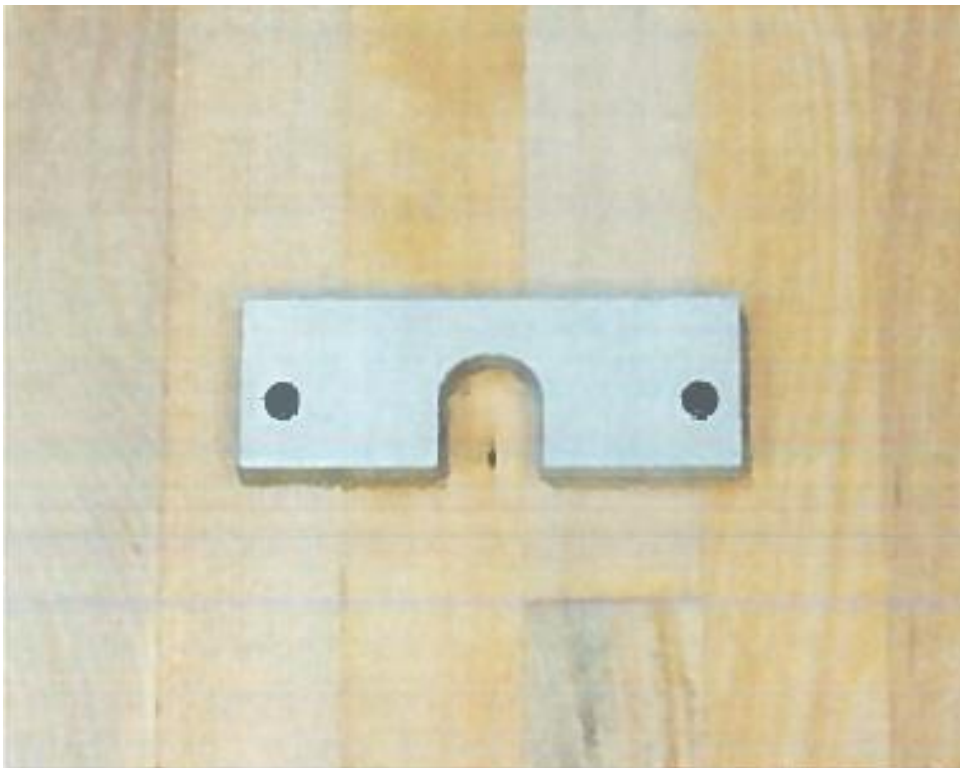


Custom Aluminum Parts:

Extruder Plate

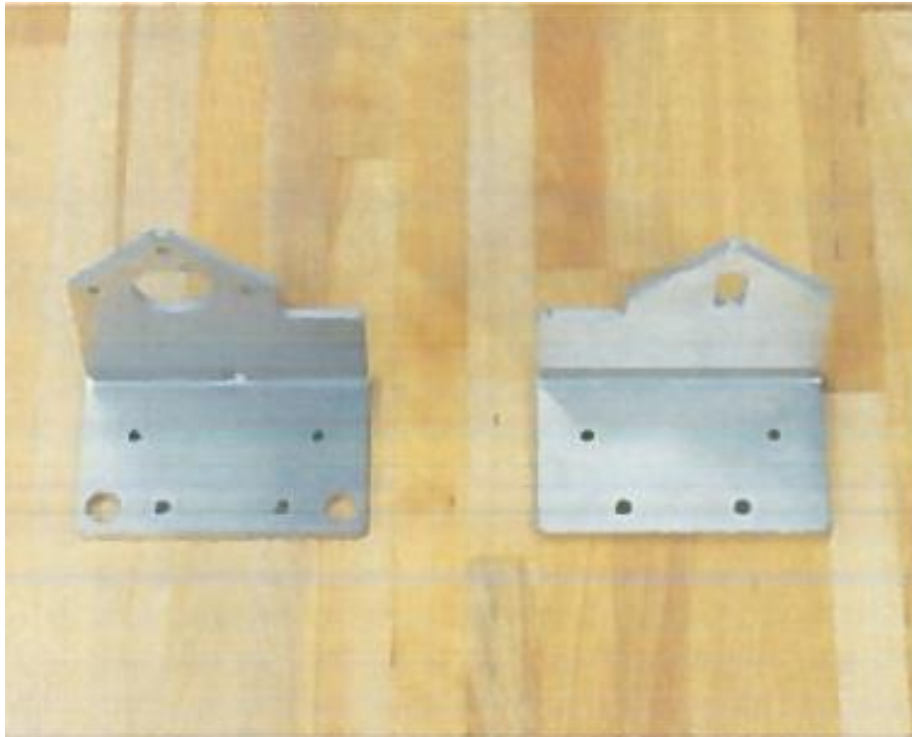


Hotend Plate

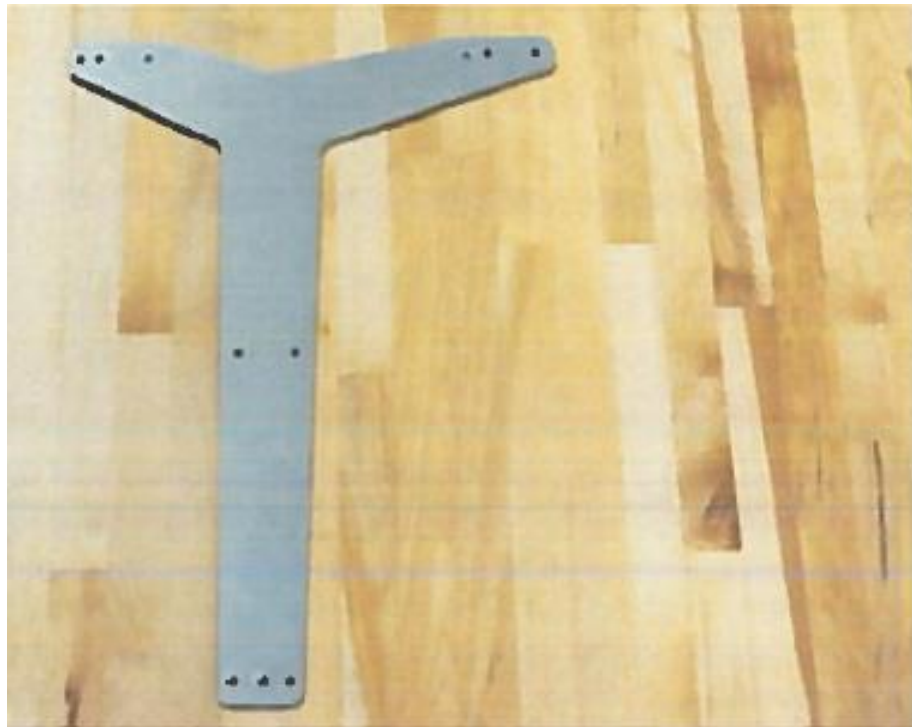


Custom Aluminum Parts:

X Carriage Plates (Motor and Idler)

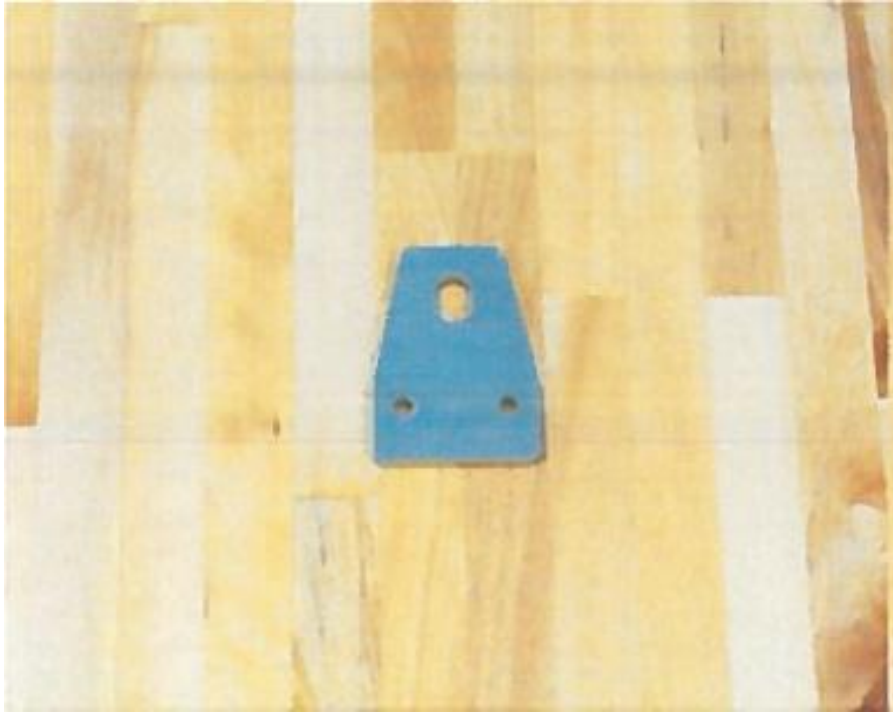


Y Carriage

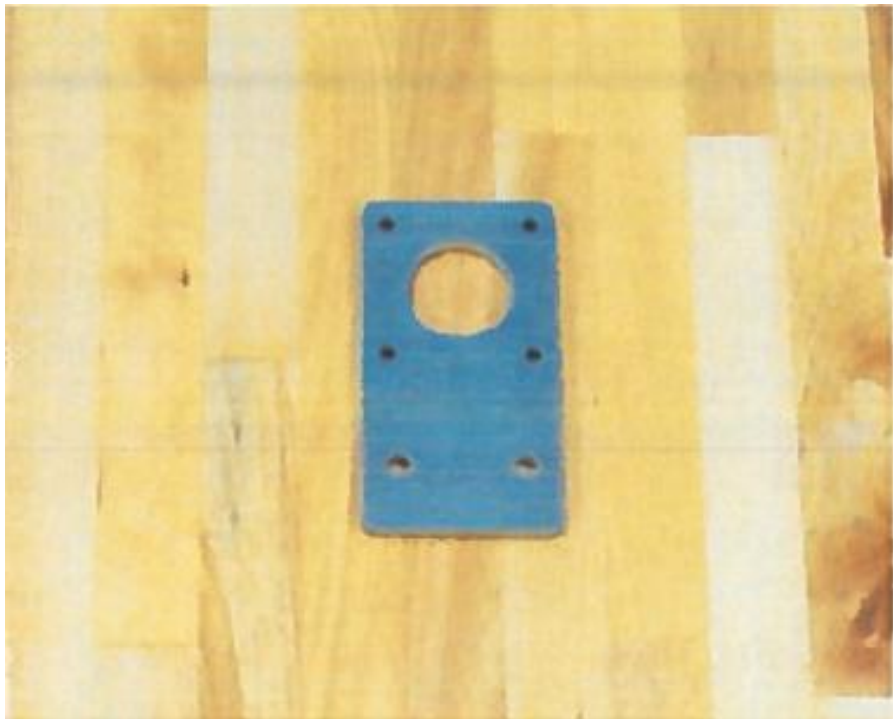


Custom Aluminum Parts:

Y Idler Bracket

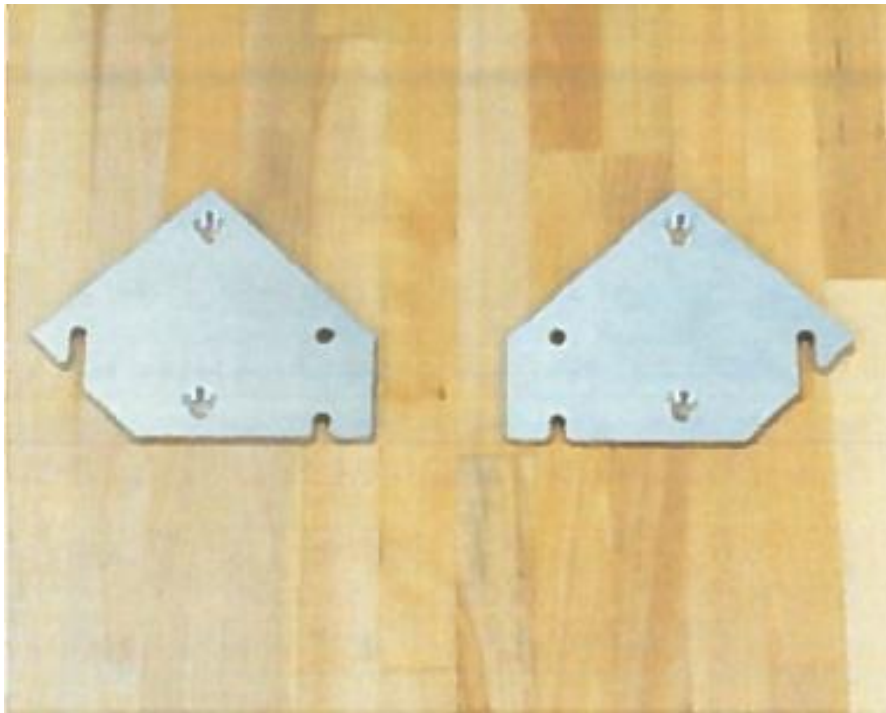


Y Motor Bracket



Custom Aluminum Parts:

Z Brackets



Z Motor Brackets (Left and Right)



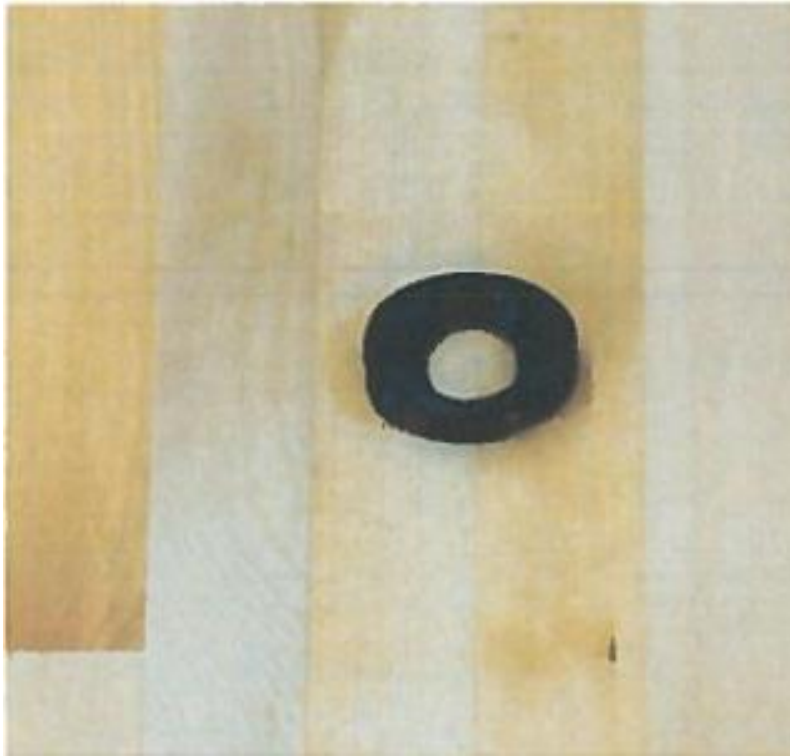
Custom Aluminum Parts:

Z Motor Brackets (Left and Right)



3D Printed Parts: Extruder

Bearing Circle

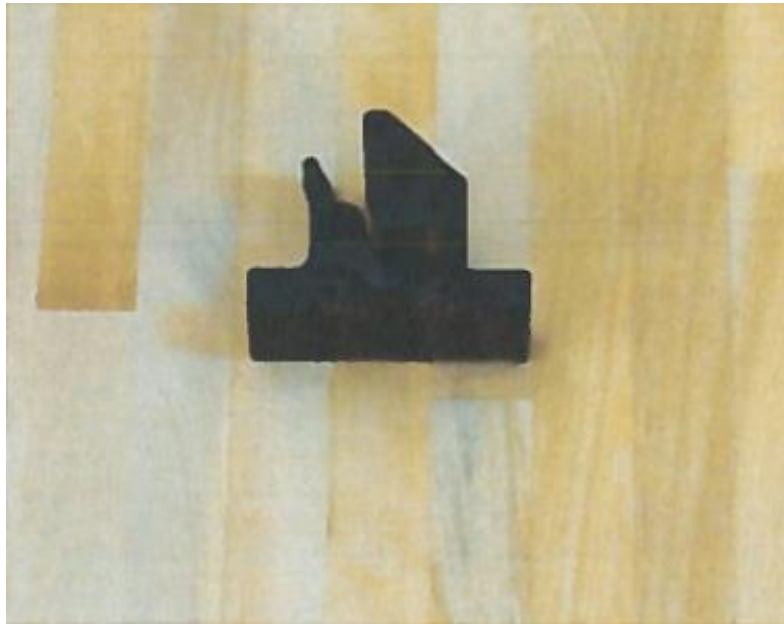


Cam



3D Printed Parts: Extruder

Pinch Lever and Extruder Front

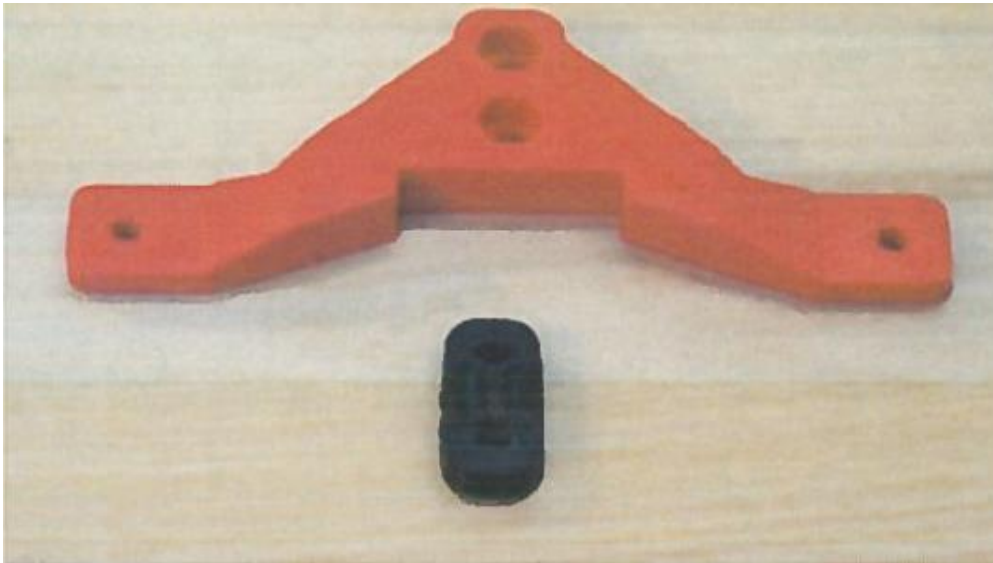


Gearbox6



3D Printed Parts: Extruder

X Belt Bracket and Clamp

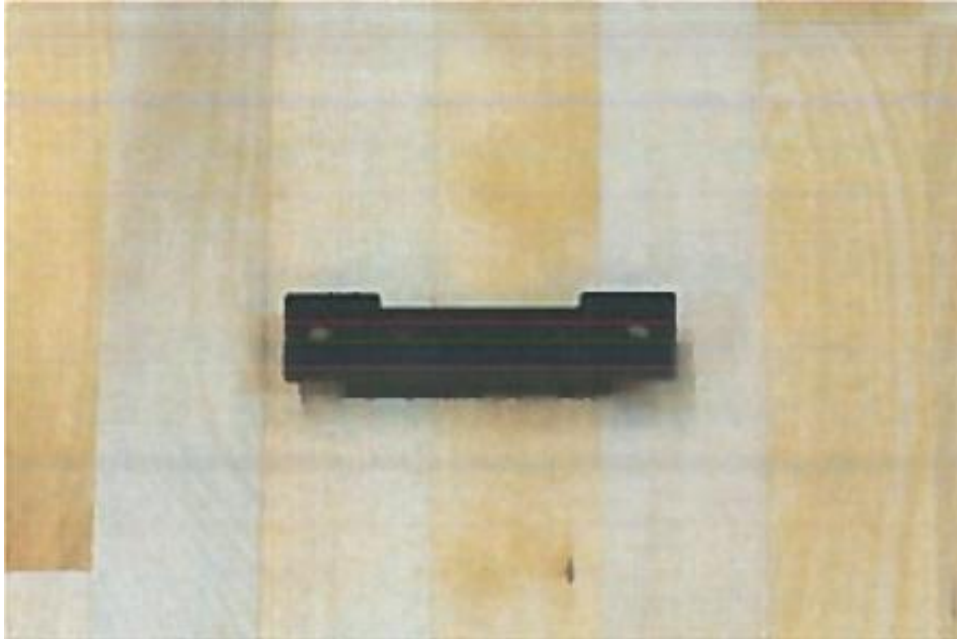


X Carriage V2



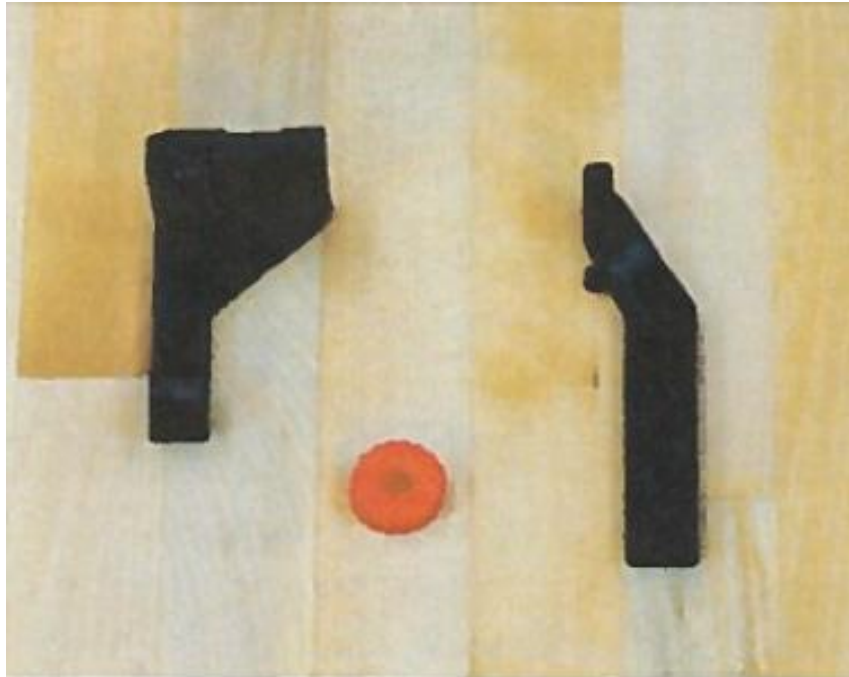
3D Printed Parts: Extruder

Connector Bracket



3D Printed Parts: flexMendel

Adj. Z Limit Switch and knobTiny

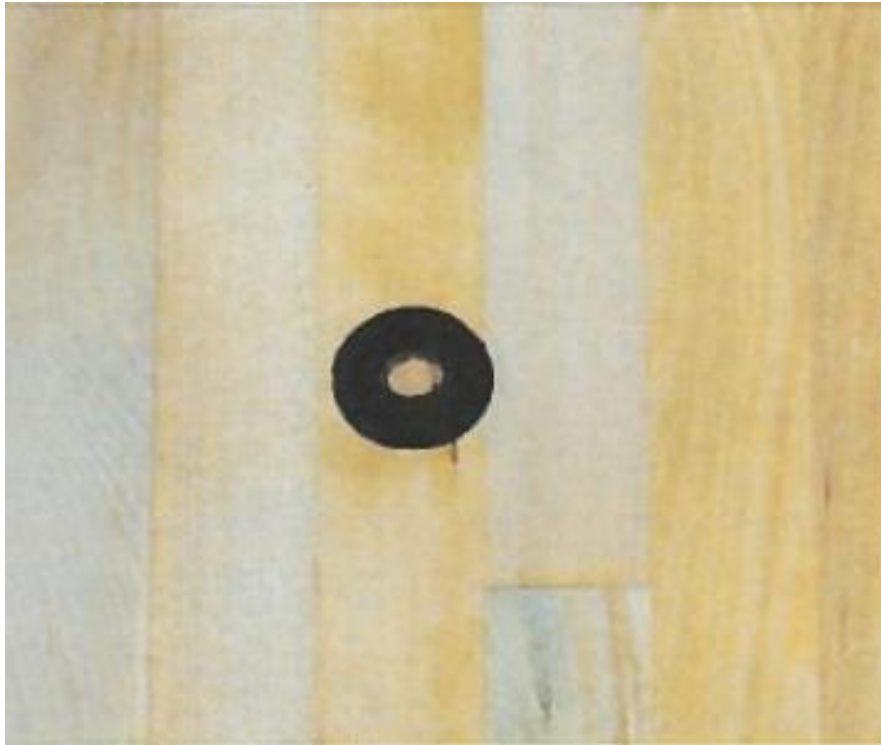


Foot



3D Printed Parts: flexMendel

Idler Washer



LCD Panel Front and Back



3D Printed Parts: flexMendel

Nut Cap



OSC Knob

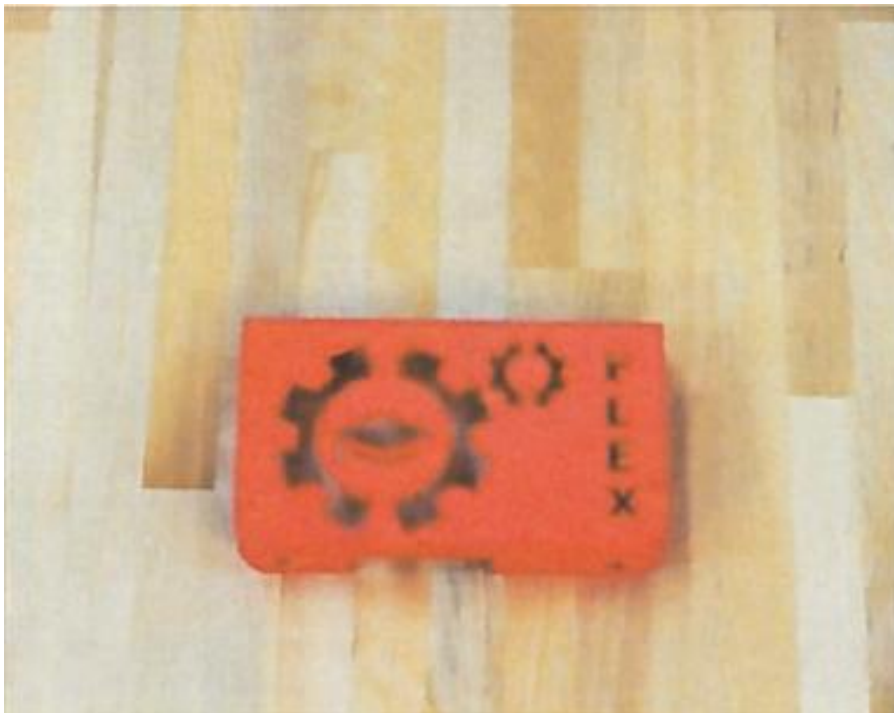


3D Printed Parts: flexMendel

RAMPs Bracket



RAMPs Cover



3D Printed Parts: flexMendel

Reel Holder and Filament Guide



Smooth Rod Lock

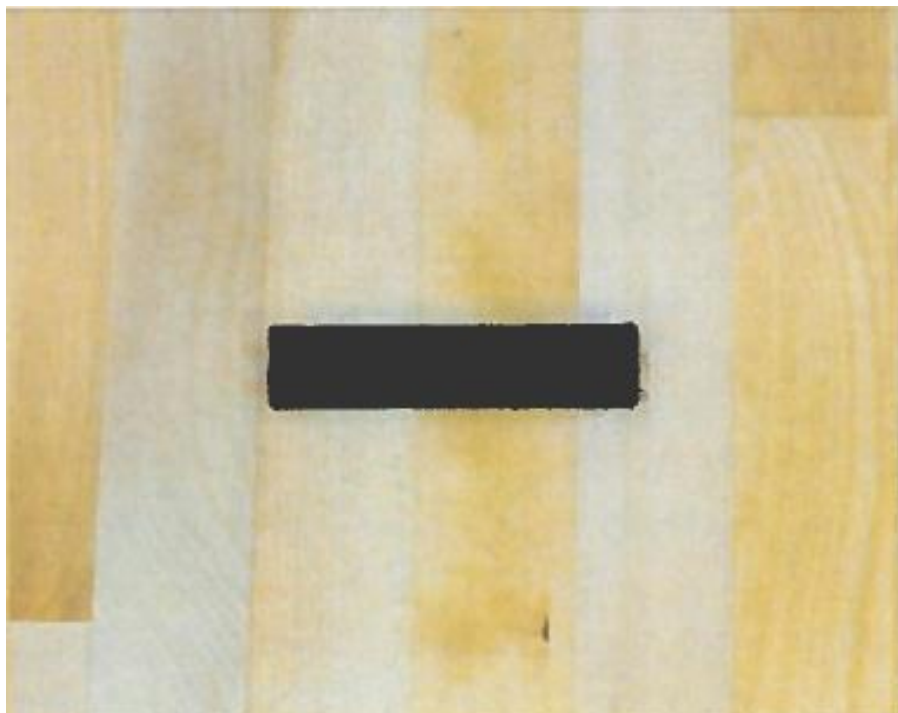


3D Printed Parts: flexMendel

Solid State Relay Bracket

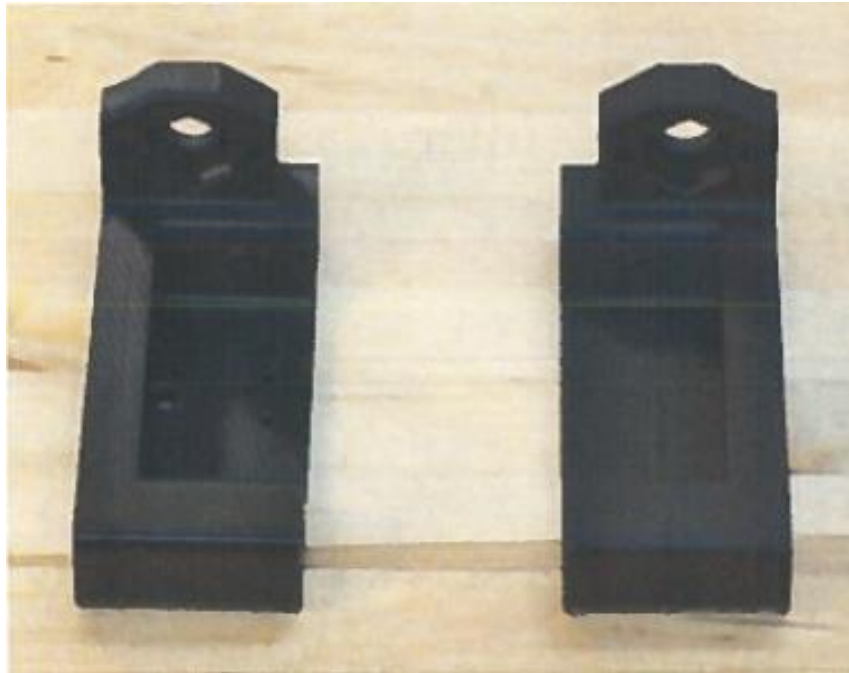


T-Slot Cover

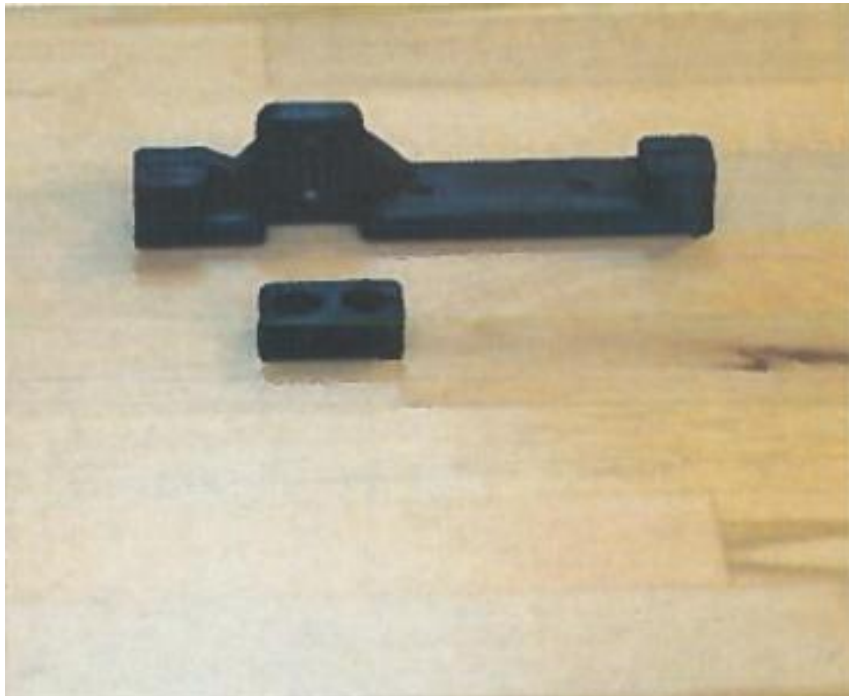


3D Printed Parts: flexMendel

xRodSupport Motor and Idler

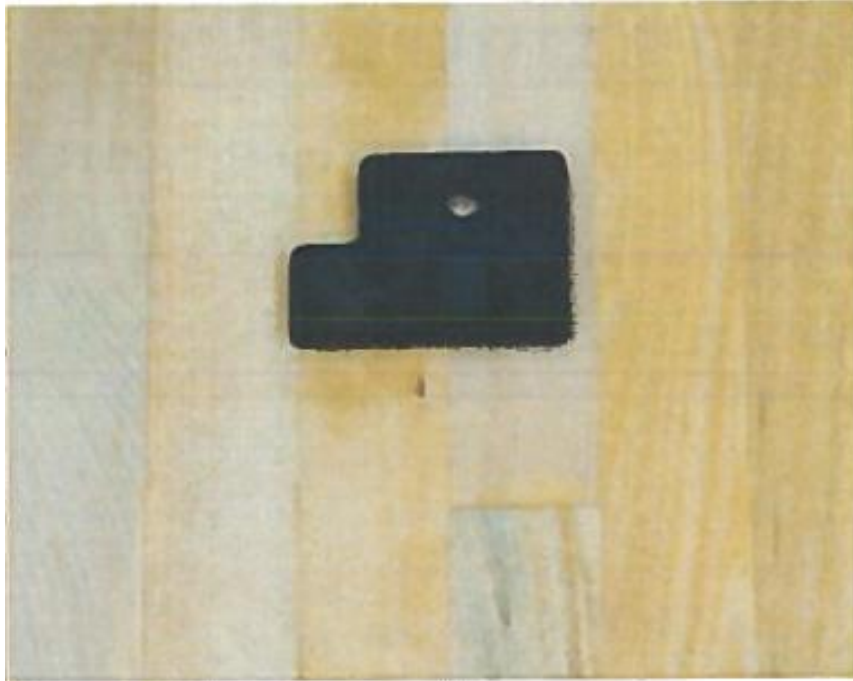


Y belt Bracket and Y Belt Clamp

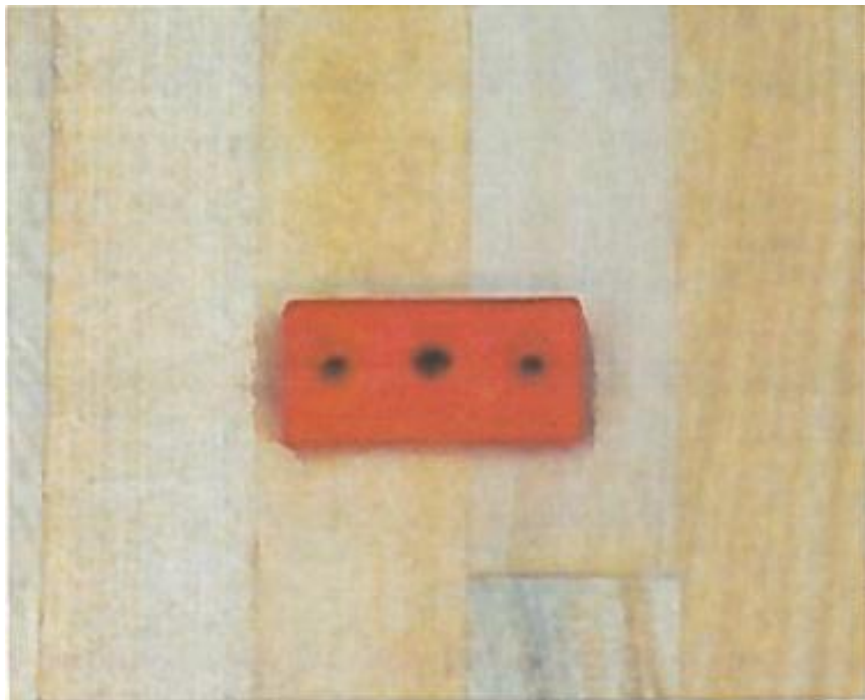


3D Printed Parts: flexMendel

Y Limit Switch Bracket



Y Slide Retainer

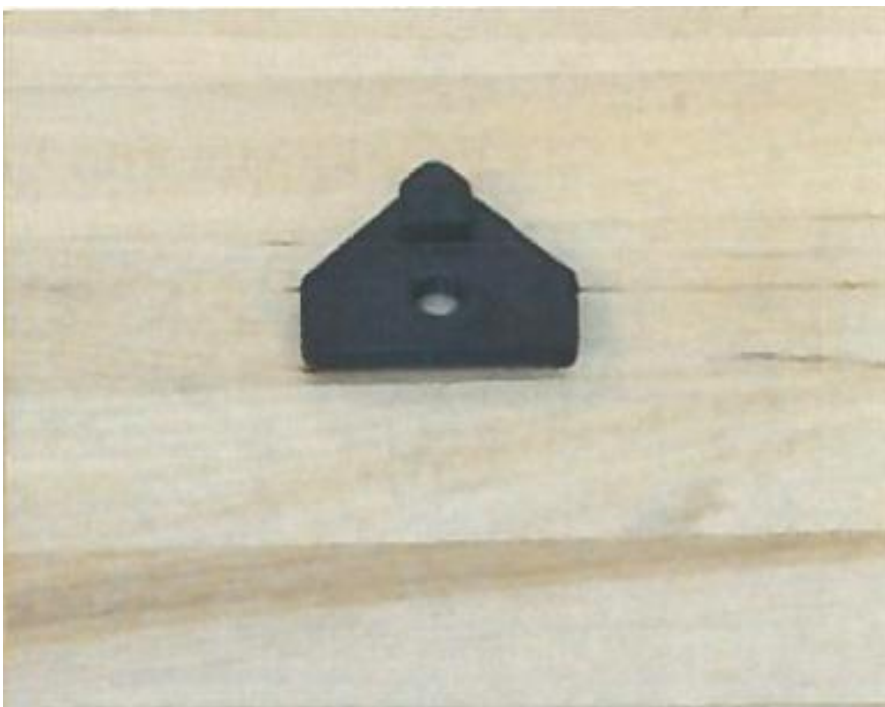


3D Printed Parts: flexMendel

Z Bearing Housing



Z Locator Bracket

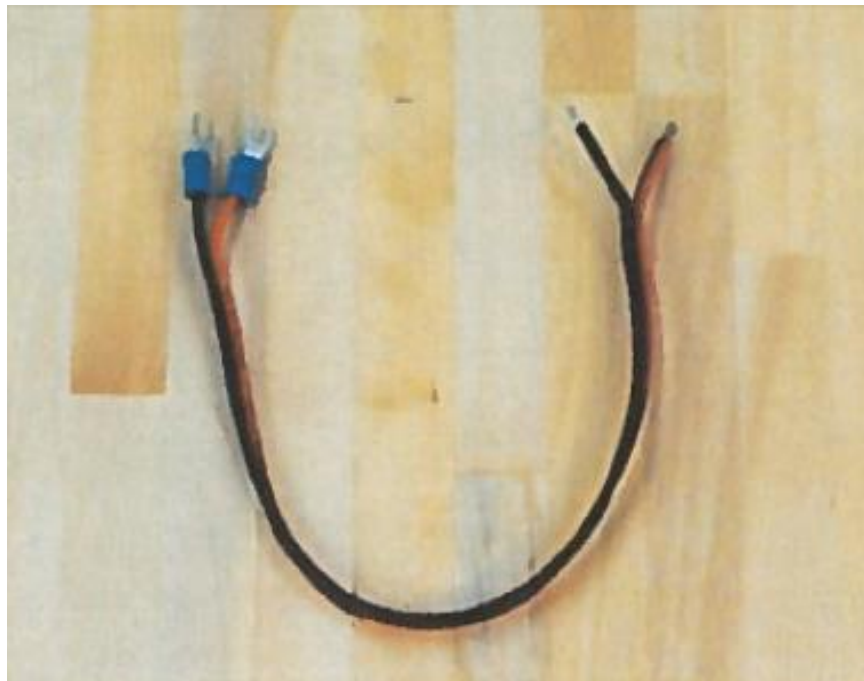


Wire Kit:

AC Power Switch Wire



AC SS Relay Wire



Wire Kit:

Bed Grounding Wire

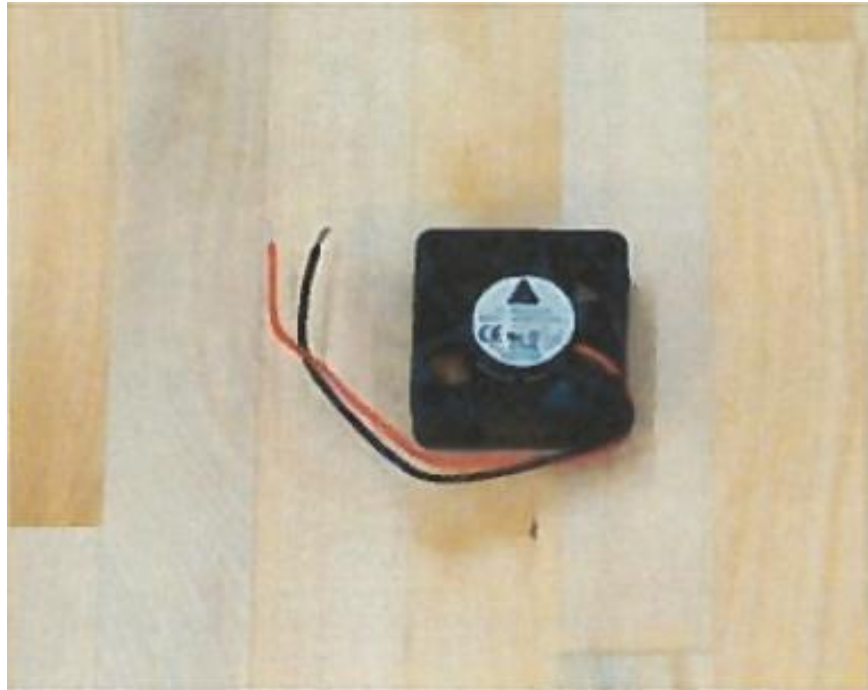


Bed Thermistor Wire

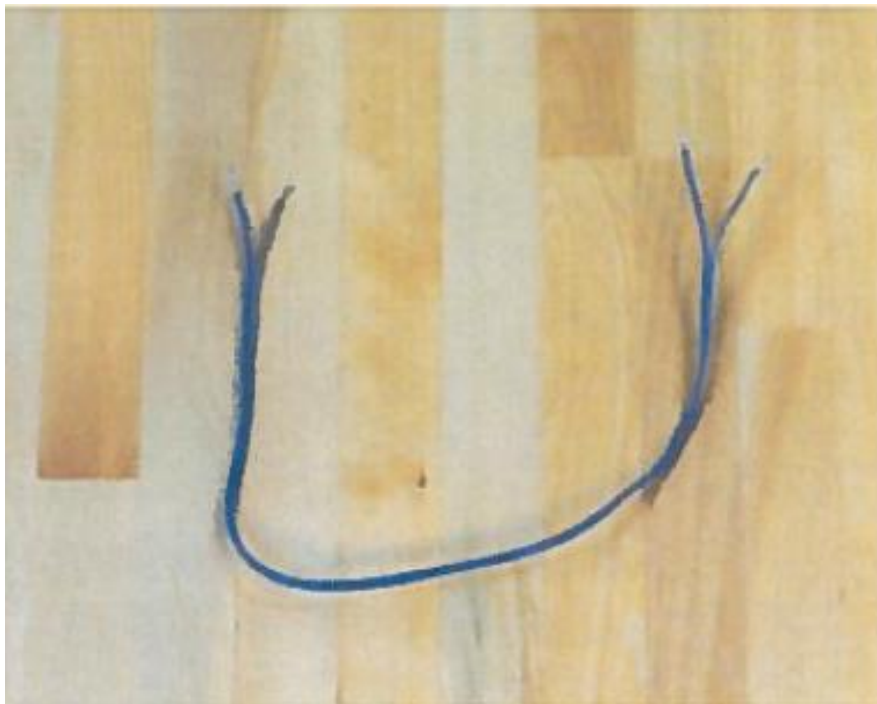


Wire Kit:

30mm Box Fan

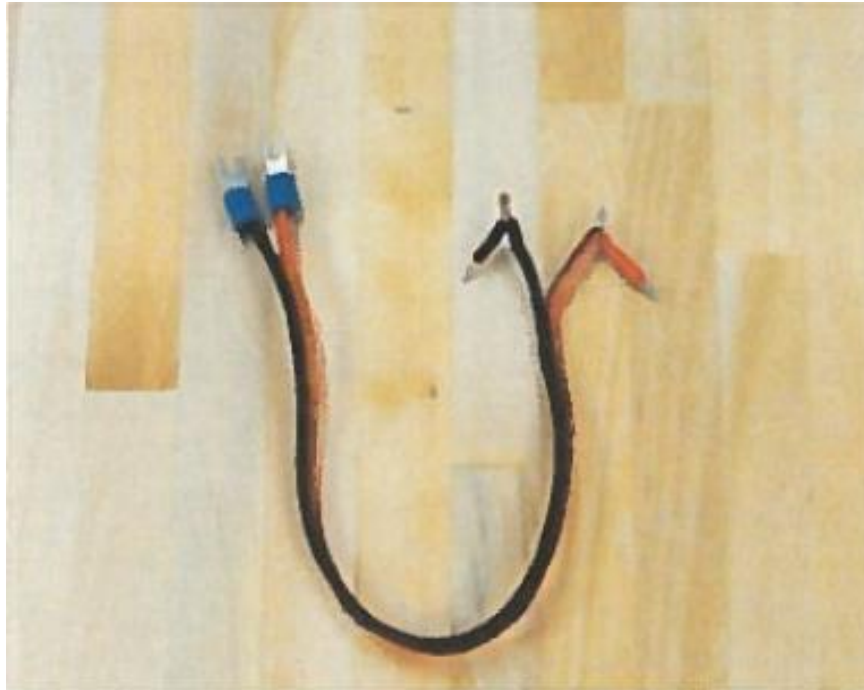


DC Bed Heater Control Wire



Wire Kit:

DC to RAMPs Power Wire



CGFI AC Wall Plug

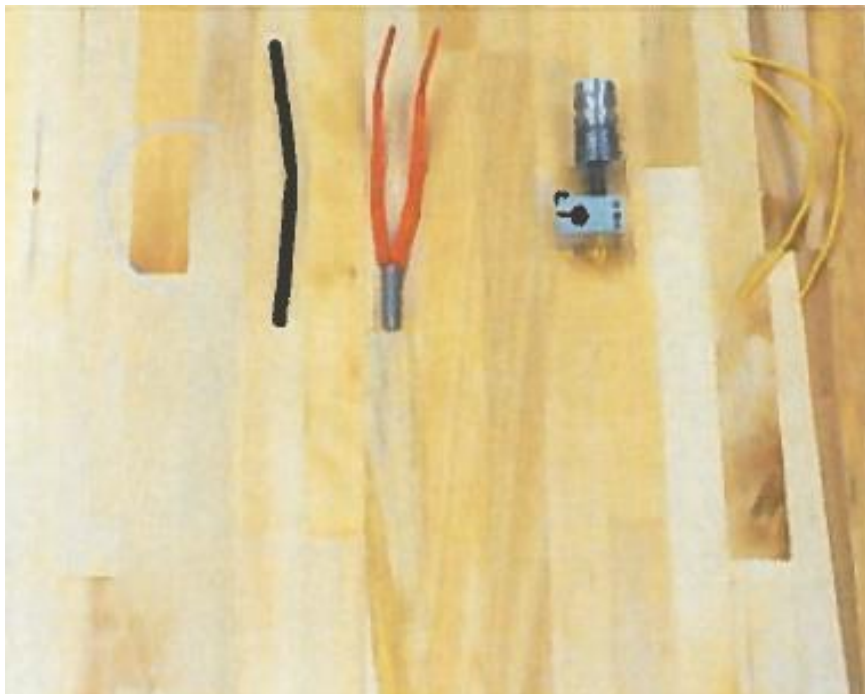


Wire Kit:

Heat Pad



Hot End Kit

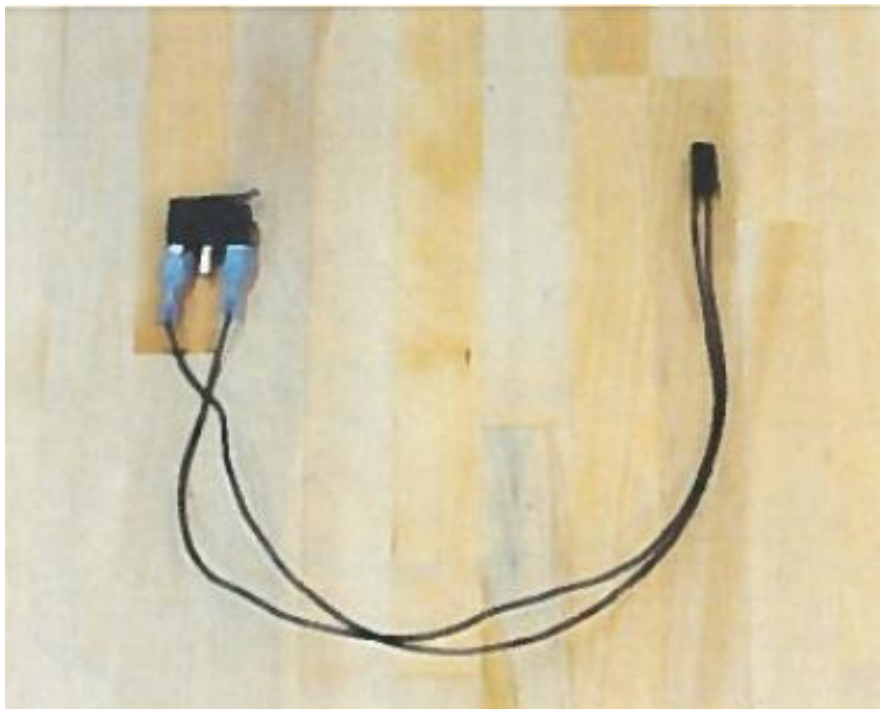


Wire Kit:

LCD Smart Controller

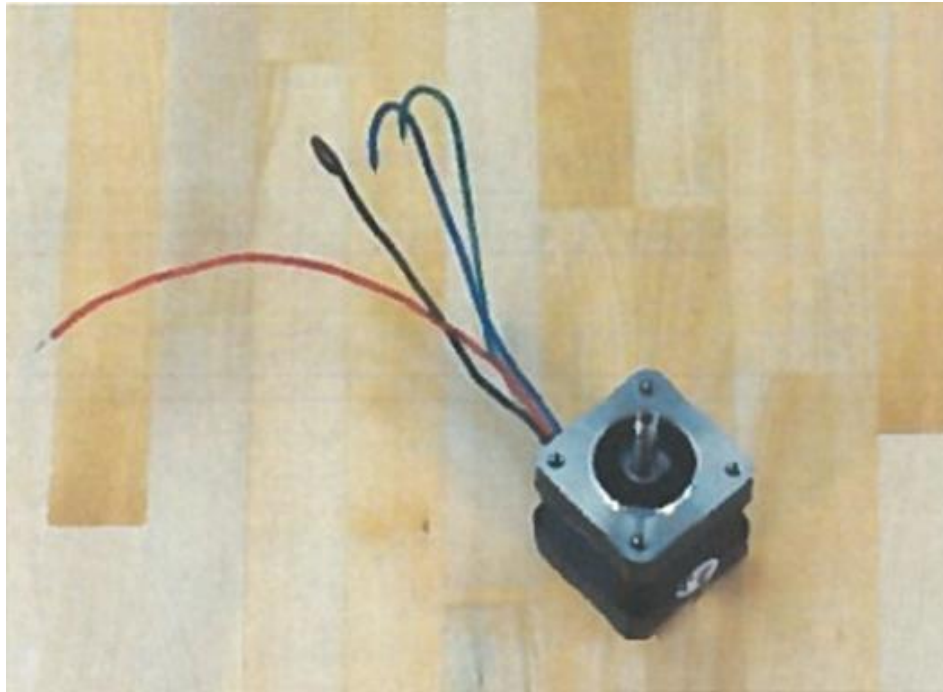


Limit Switch

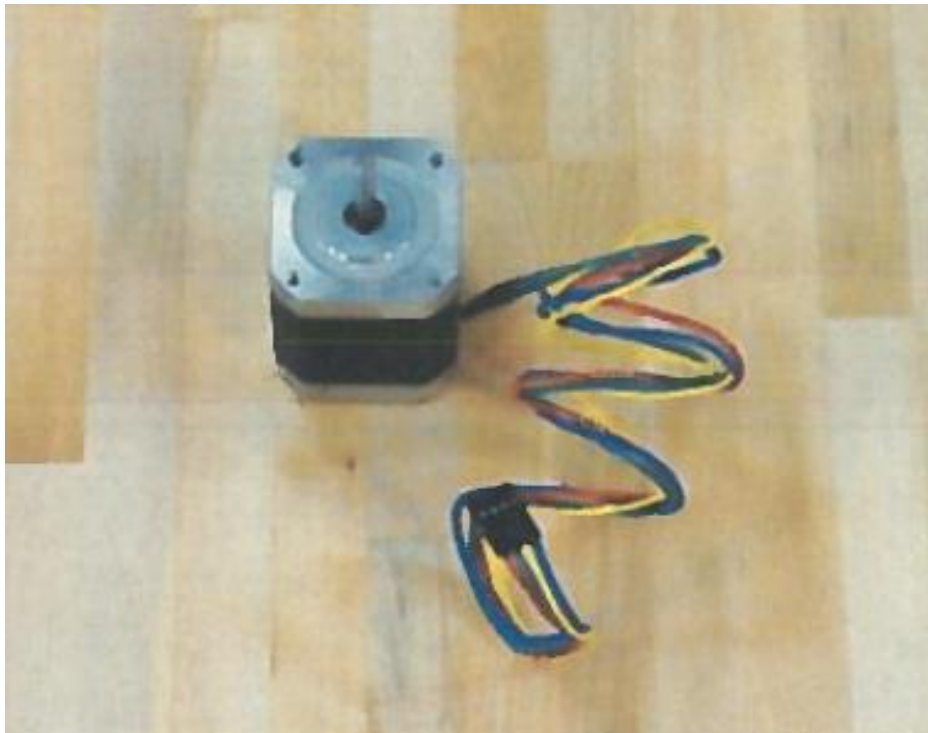


Wire Kit:

NEMA 14 Stepper Motor (Ext)

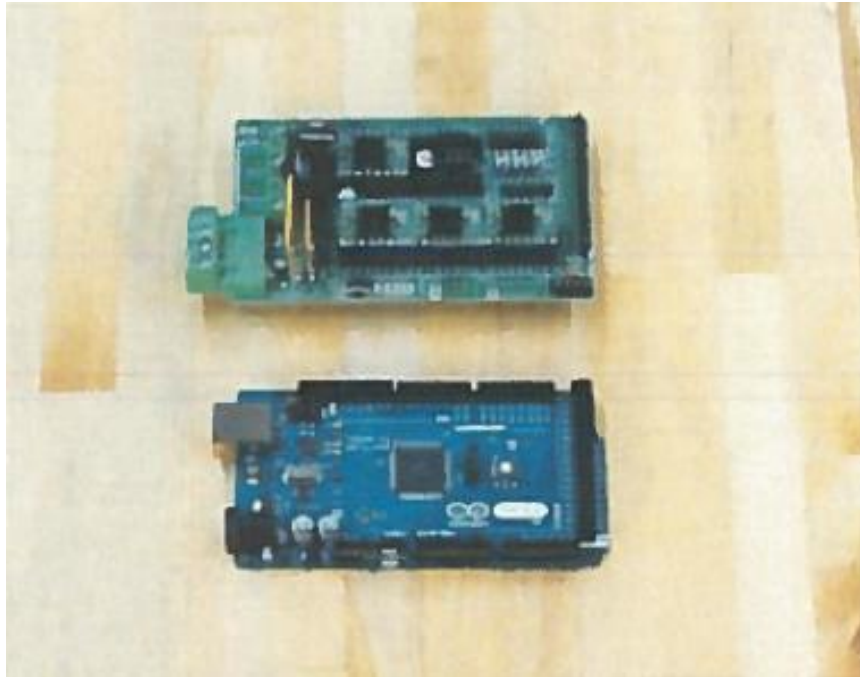


NEMA 17 Stepper Motor (X,Y,LZ,RZ)

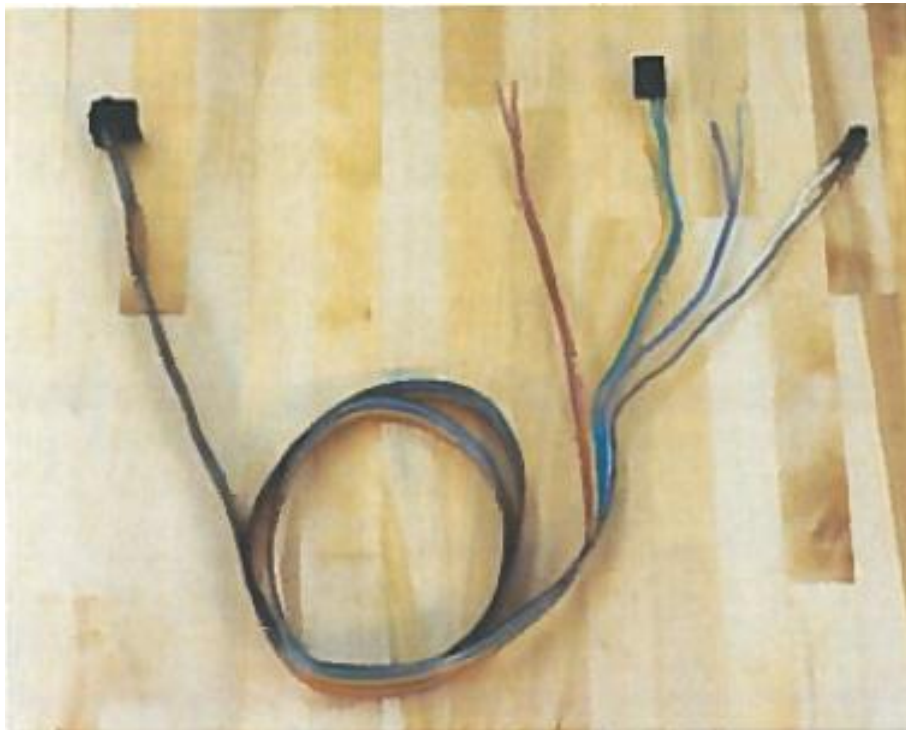


Wire Kit:

RAMPs Shield/Arduino



Ribbon Cable



Wire Kit:

Wire Sheaths



Yellow Wire Nut



Wire Kit:

Zip Ties (small and large)

