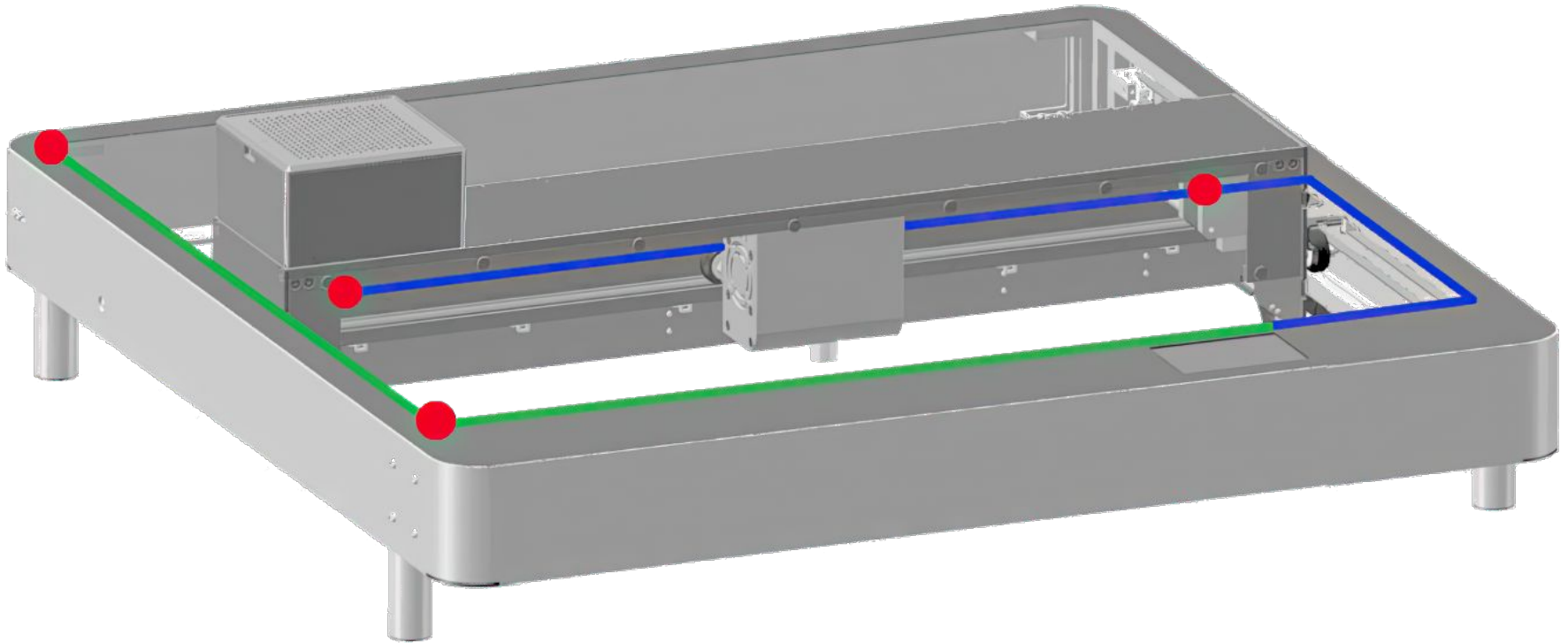# Elegoo Limit Switch Kit

USER MANUAL
Version 1.4 • October 2023

The picture is for reference only,the actual product shall prevail

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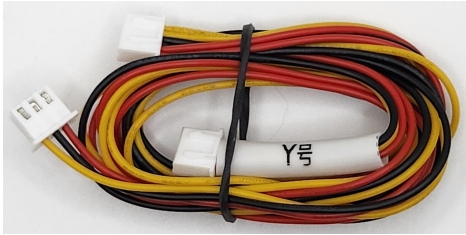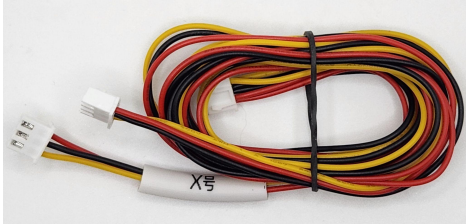# Contents

Part 1: Packing List
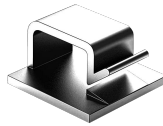Part 2: Mechanical Assembly
Part 3: Lightburn Setup

Hybrid 2

Y Limit Cable

Rear Y Limit

Front Y Limit

X Limit Cable

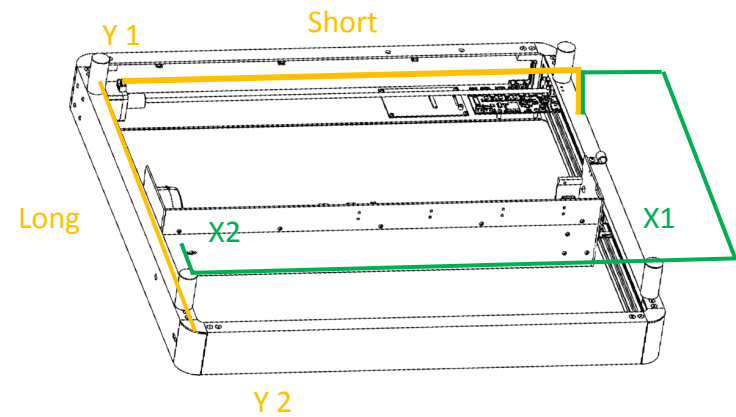Screw M3x12mm x1
Screw M4x10mm x4

Cable Clip x10

Left X Limit

Right X Limit

Step 1
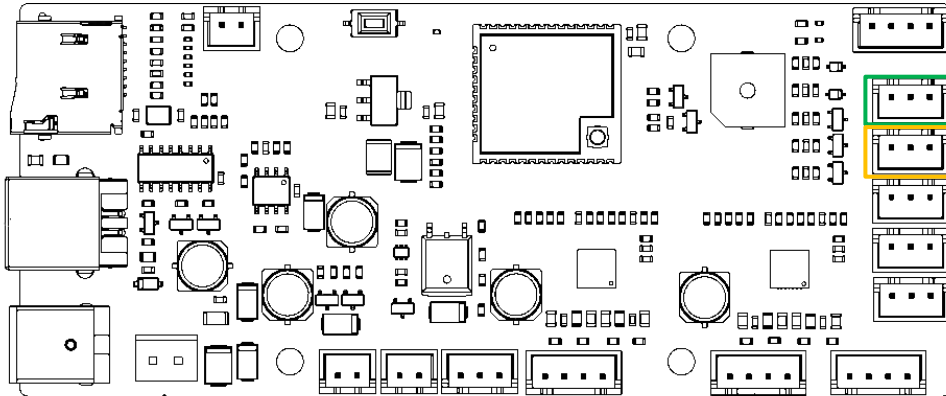
Parts Required: Instructions

Review cable routing, limit locations, and controller connections

Y Limit Cable has a Short and Long Section

Limit Cable Routing & Limit Locations

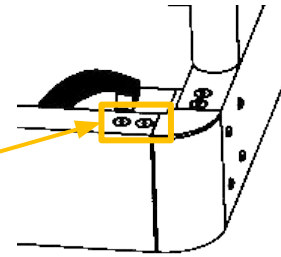Controller Limit Cable Connection Locations

Step 2

Parts Required:
------Front Y Limit
------M4x10mm x2

- Remove two frame screws
- Install Front Y limit using (2) M4x10mm screws
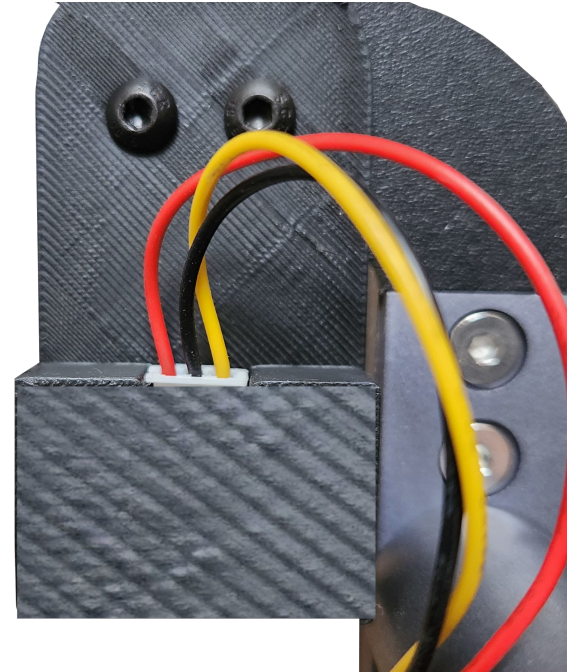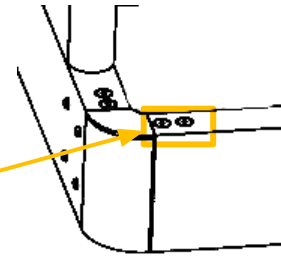- Connect Y Limit switch cable

Step 3

Parts Required:
------Rear Y Limit
------M4x10mm x2

- Remove (2) frame screws
- Install Rear Y limit using (2) M4x10mm screws
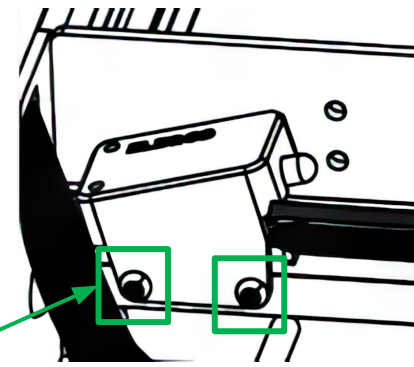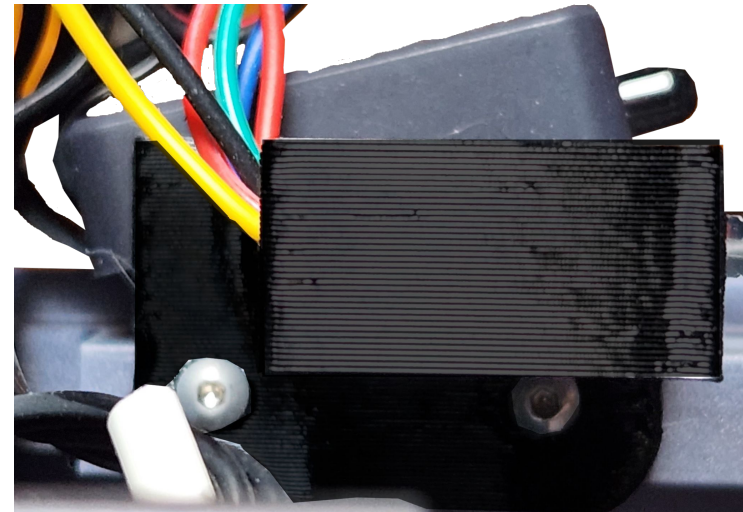- Connect Y Limit switch cable

Step 4

Parts Required:
------Right X Limit

- Remove two flame sensor screws
- Install Right X limit using original screws
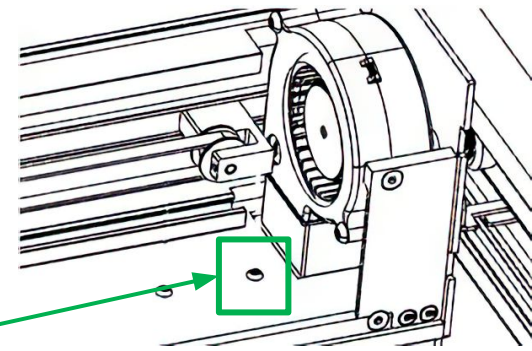- Connect X Limit switch cable

Step 5

Parts Required:
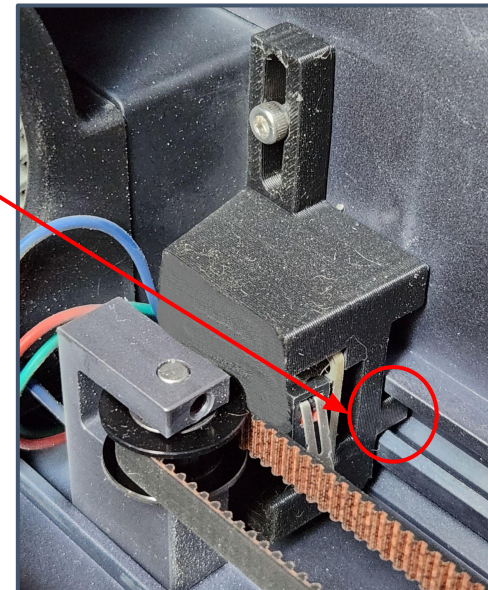
------Left X Limit

------M3x12 Screw

- Remove filter box screw (just the one)
- Install Left X limit using M3x12 screw
  Be sure leg is firmly in channel
- Connect X Limit switch cable

Step 6

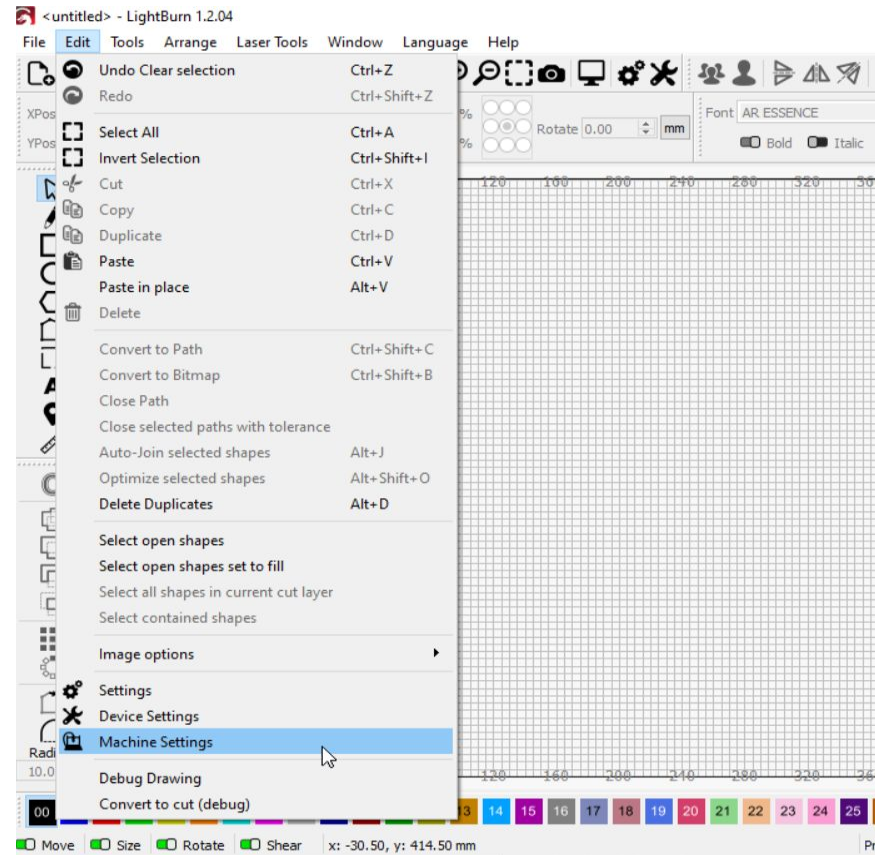Parts Required:

------Cable Clip x10

- Use cable clips to secure limit cables as needed
- X limit cable can be joined with module cable from controller to gantry
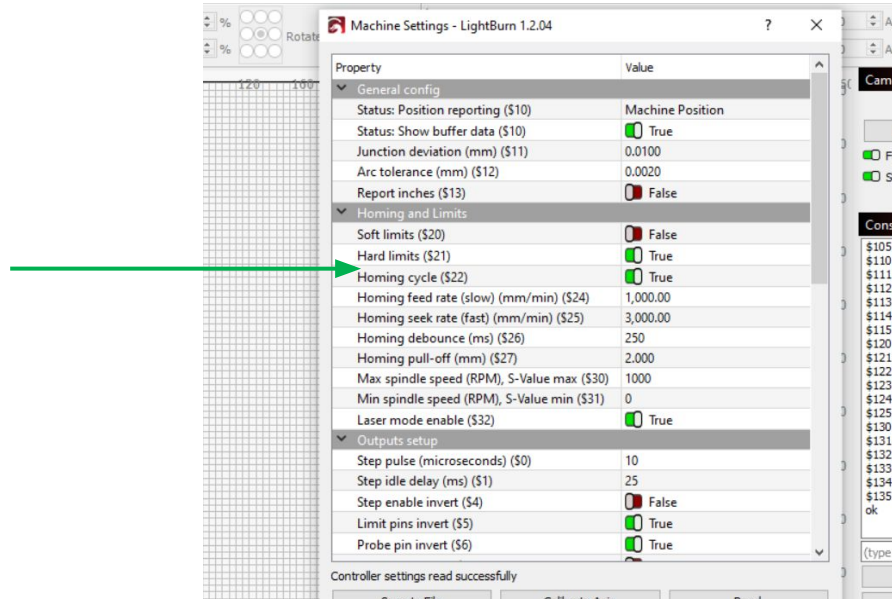
Click Edit, then Machine Settings

Step 2

In Machine Settings, toggle **Hard Limits** and **Home Cycling** to **True**
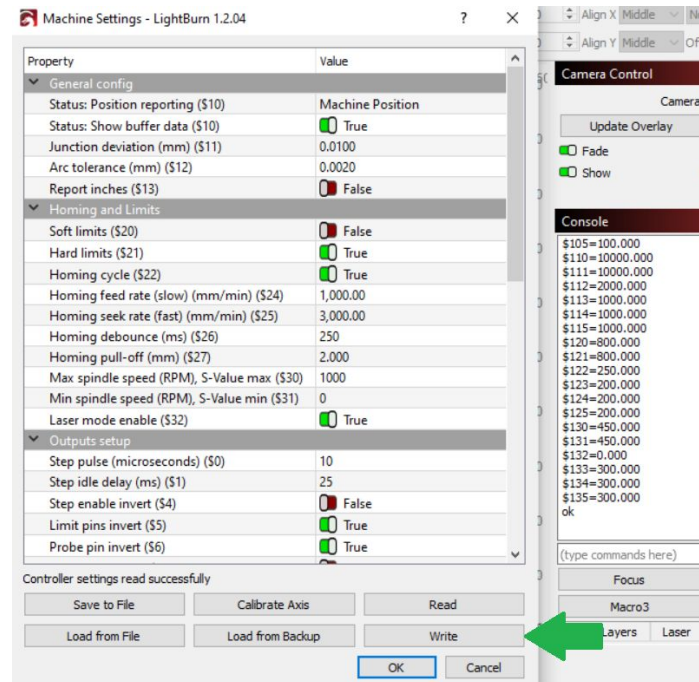

Step 3

Click **Write** button

Click **OK** button
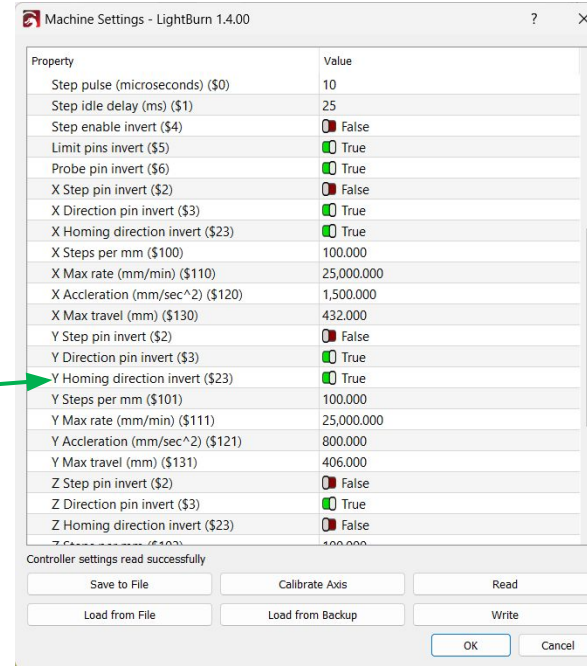
Power Phecda off and then back on

Troubleshooting

Machine homes to rear
left corner

In Machine Settings, under **Output Setup** toggle **Y Homing Direction Invert** to the opposite of its current setting

Click **Write** button

Click **OK** button

Power Phecda off and then back on