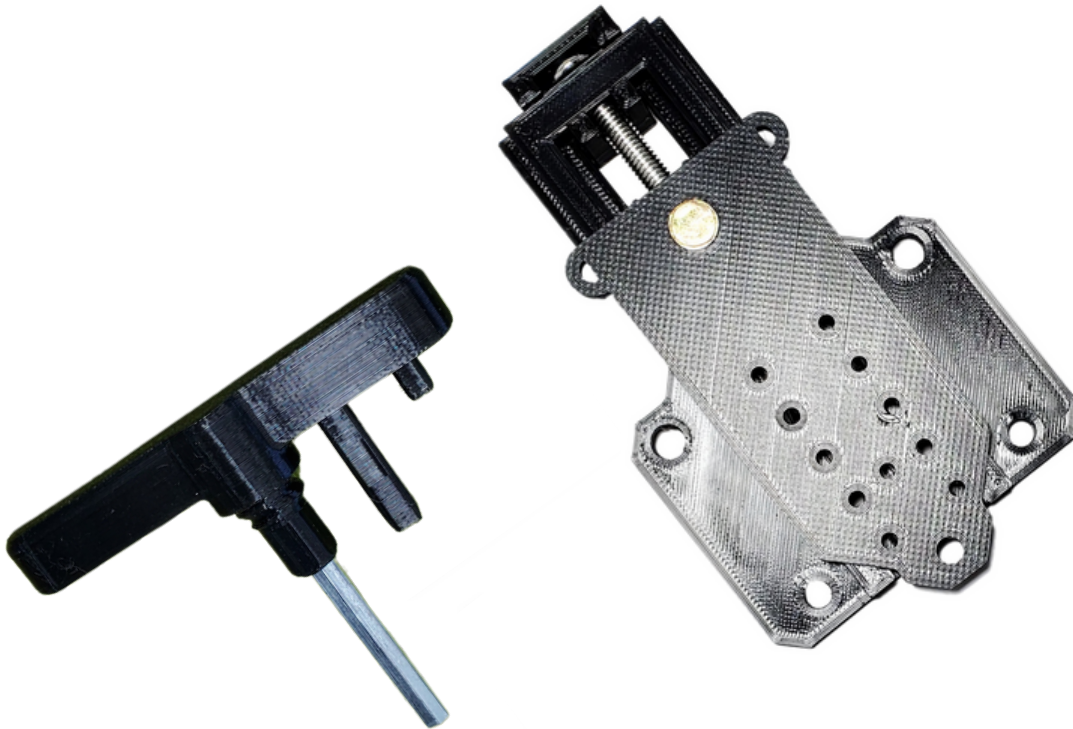


KING GUBBY



ORTUR LASER MASTER 2 Z AXIS ADJUSTER



INSTALLATION MANUAL

Click or scan the QR code to watch
to visit our YouTube Channel

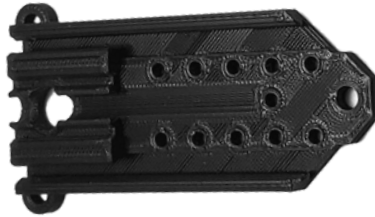


Included Parts

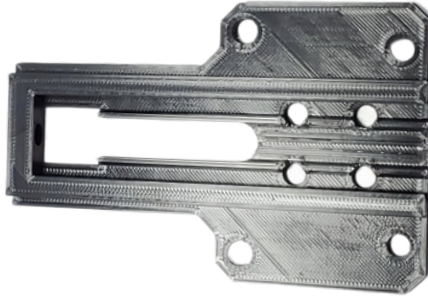


K G D

Module Plate



Carriage Plate



M6 Bolt



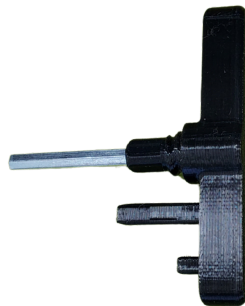
Barrel Nut



Bolt Clip



**M6 T Handle
Wrench**



2 x Hex Nuts



2 x M3 Screw

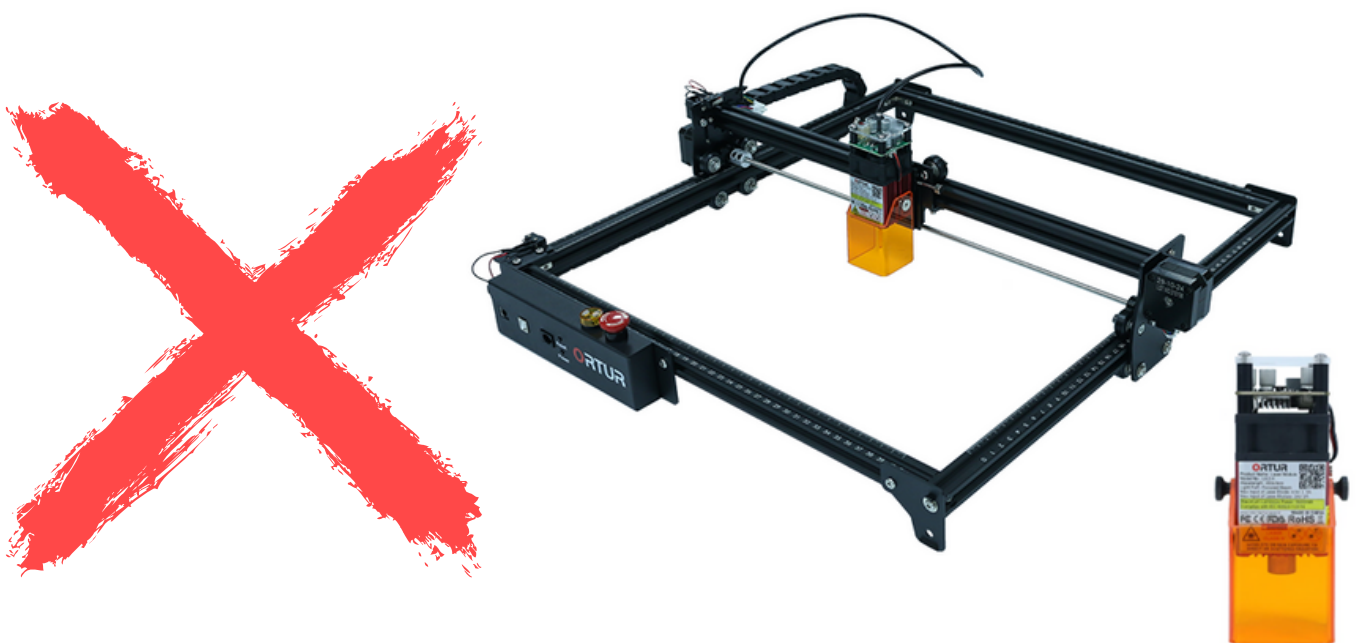
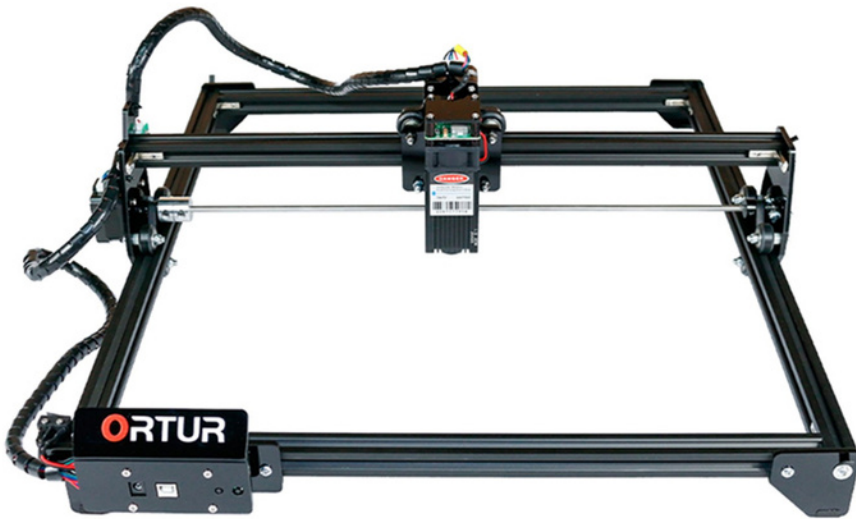


Neje Hex Nut



Only needed for attaching
a Neje module to LM2 Frame

This product is for the Standard Laser Master 2



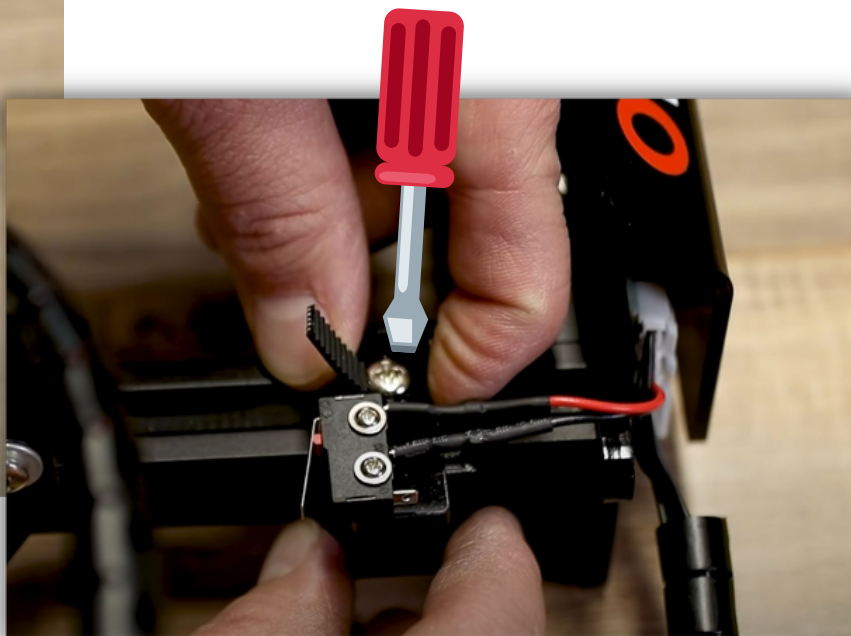
IMPORTANT

TO AVOID DAMAGING YOUR LASER

You need to check your home stop before turning on your laser, after installing the Z Axis.

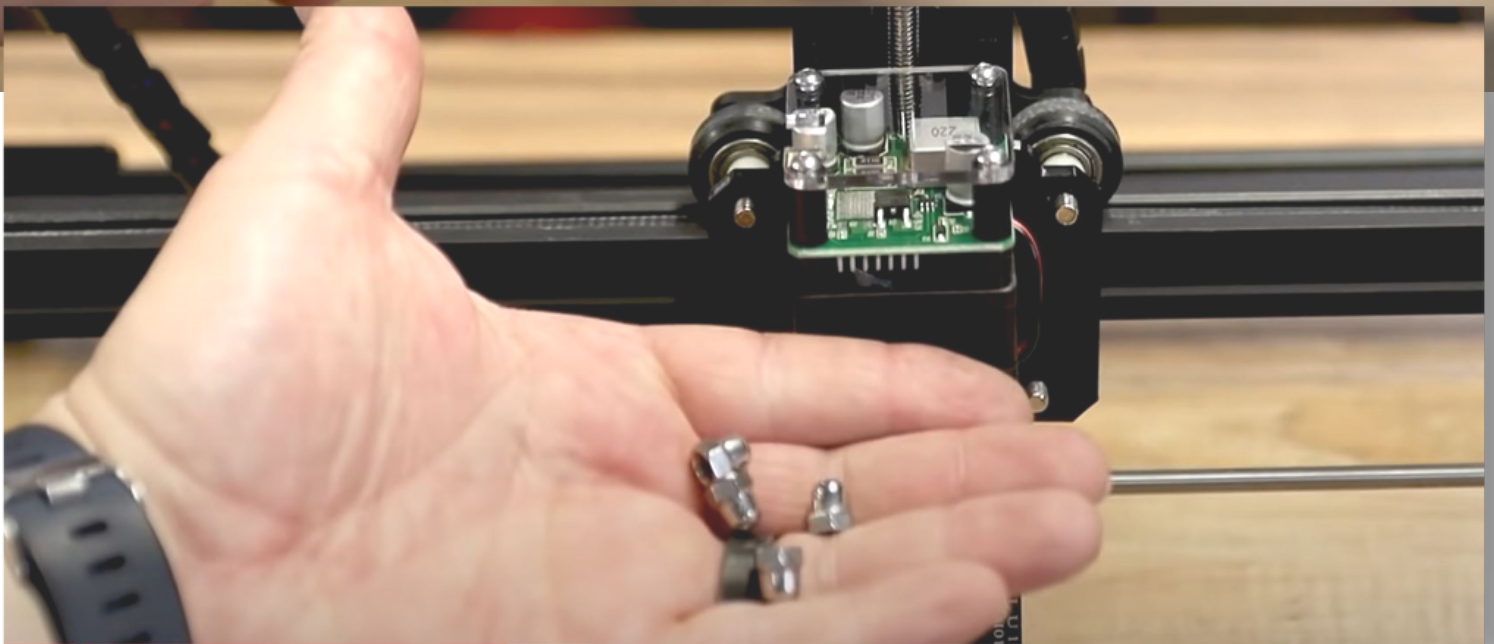
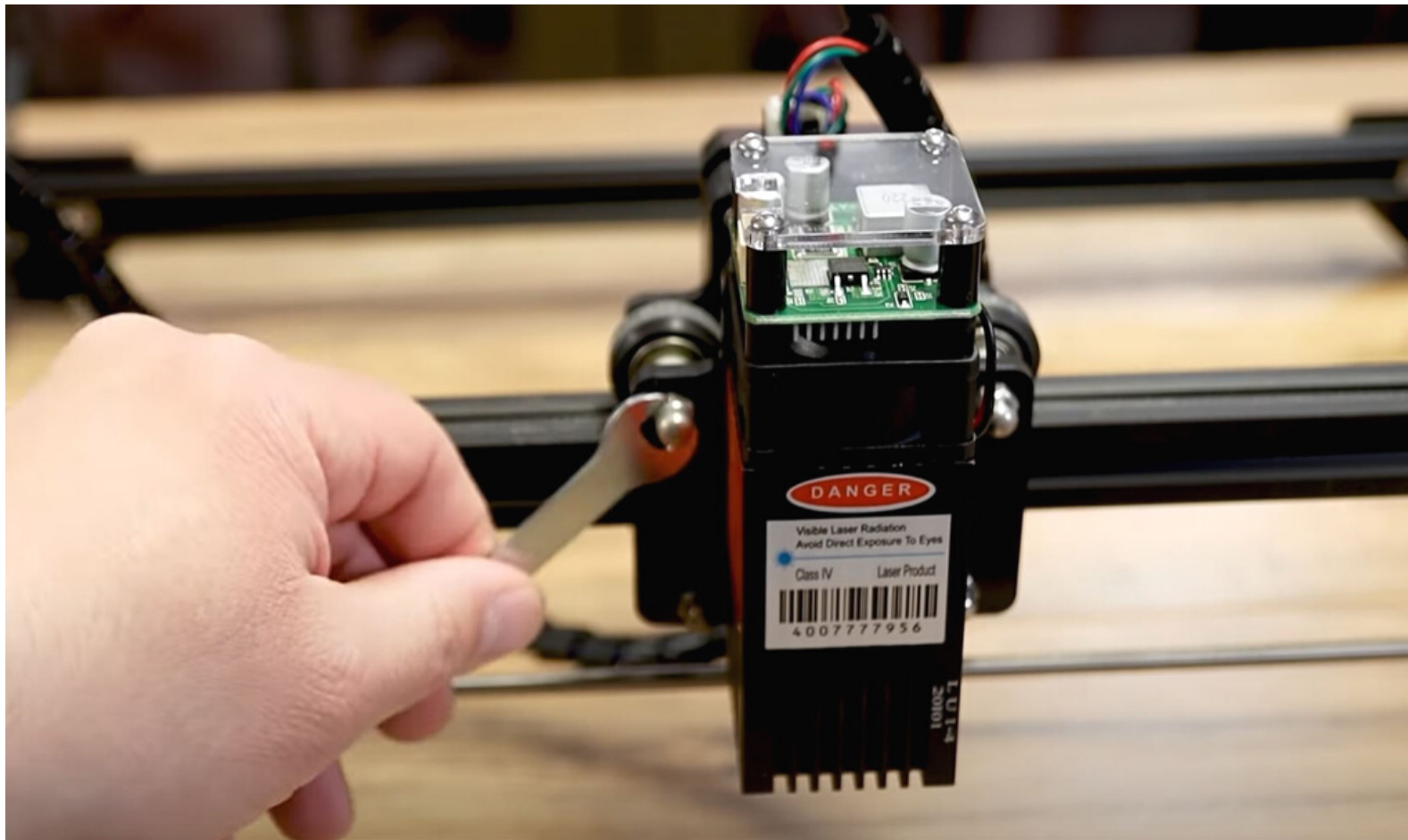
- **With the Z Axis Adjuster installed, home the laser by hand**
- **Observe the space between your front rail and your module**
- **If the module comes in contact with the front rail, without hitting the home stop contact switch, you will need to move the contact switch forward**
- **To do this, loosen the screw holding the contact switch in place and move it forward (away from the power supply)**
- **Move your gantry towards the front rail until there is a space between the module and the front rail then move your home stop contact switch forward until it is fully engaged**
- **Tighten your home stop screw at this position**
- **Retighten your belt**

If the wires on your trigger are too short, we have an end stop block that works to extend your trigger. Please contact us if you need one.

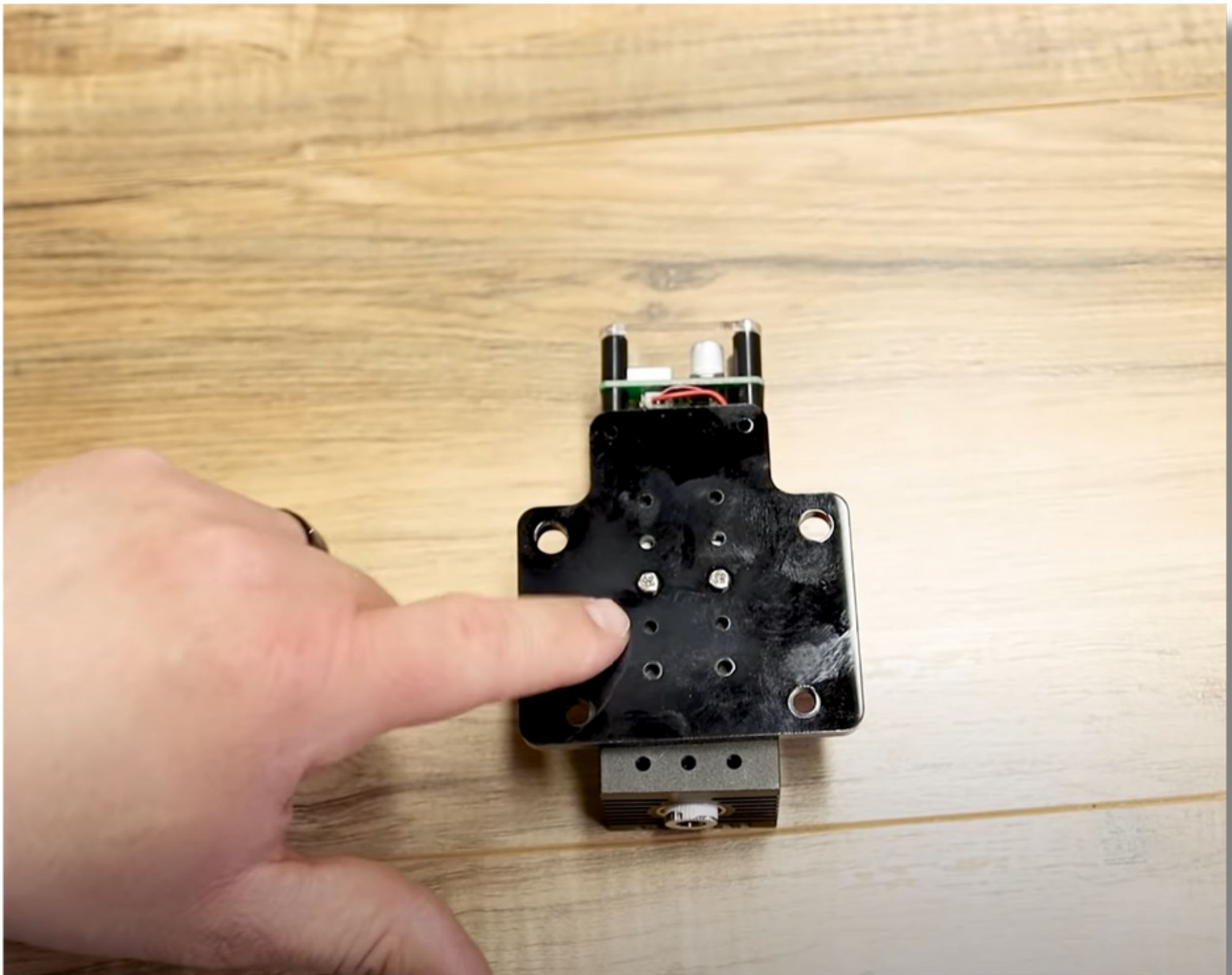


1st step: Removing the module

Remove the module and mounting plate from your laser carriage by removing all four acorn nuts.



2nd step: Removing the stock plate
Remove the module from the Ortur's carriage plate via the two screws. Our module plate will replace this acrylic plate.



3rd: Assemble the Z Axis Adjuster

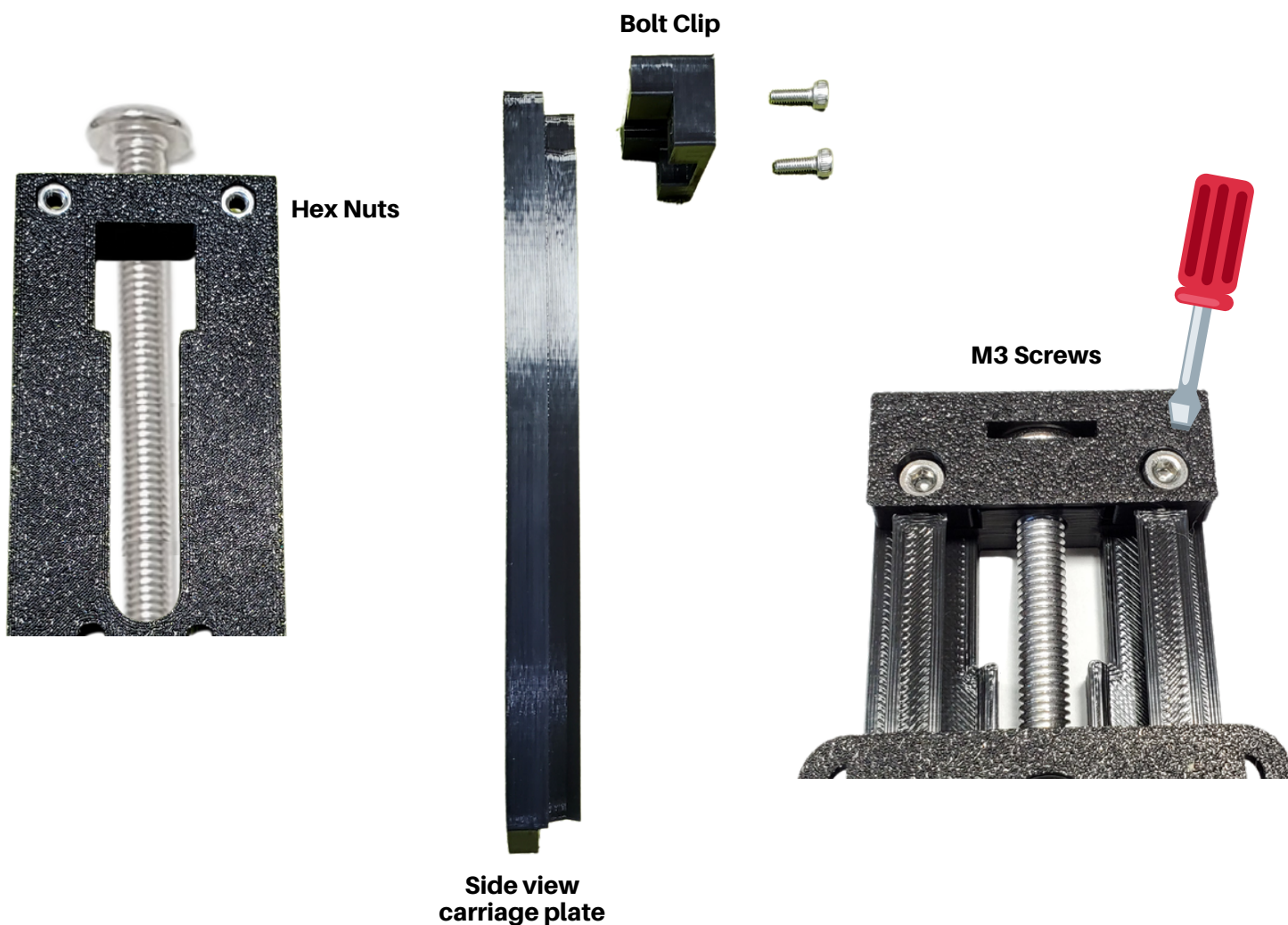
Attach the carriage plate to the laser carriage by using the stock carriage screws. Now, slide the module plate onto the carriage plate and insert the barrel nut or M6 nut in the provided open slot on the module plate (circled in red below). Next, slide the M6 bolt (75mm) through the hole in the top of the carriage plate, and screw to desired height, through the barrel nut.



Make sure the slit on the barrel nut is facing away from the module

4th step: Locking the Bolt Down

Make sure the bolt head is touching the carriage plate and slide the bolt clip over the top of the bolt head to keep bolt from unscrewing while adjusting the axis. Set the remaining hex nuts in the fitted slots on the carriage plate and use the remaining M3 screws to attach the bolt clip to the carriage plate.

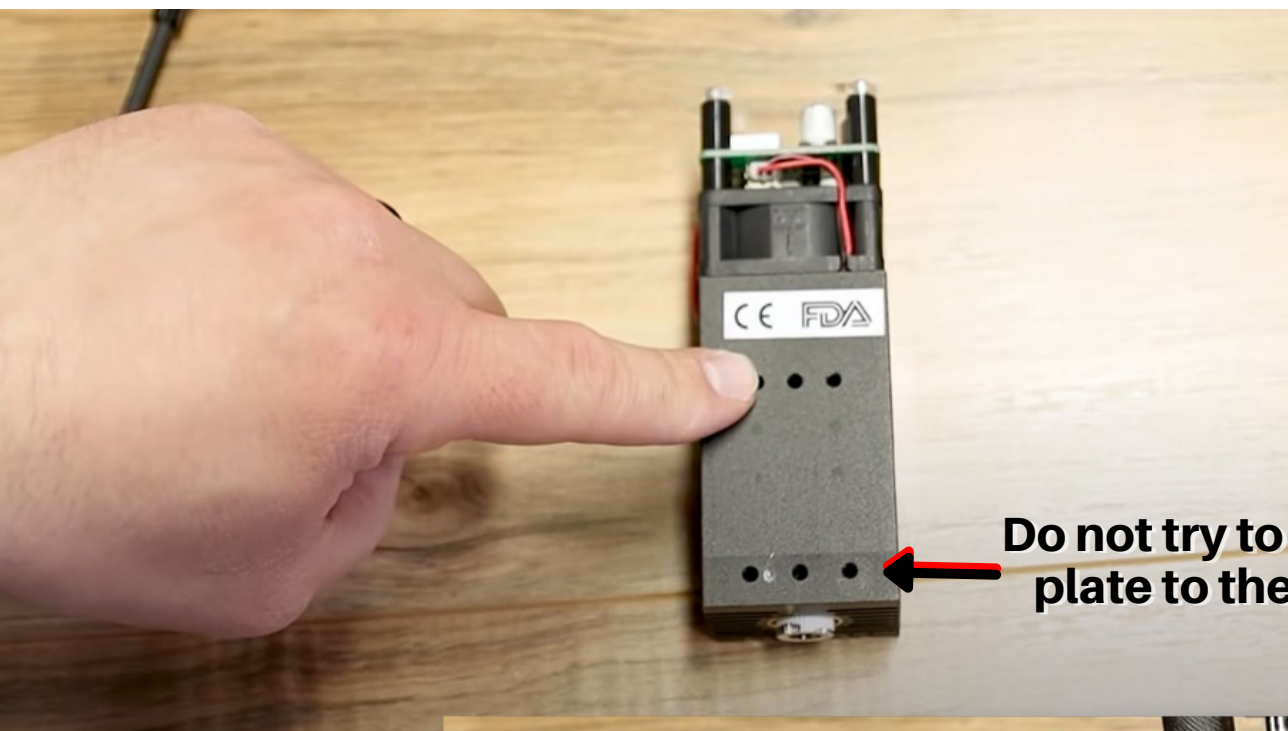


Tag us in your projects

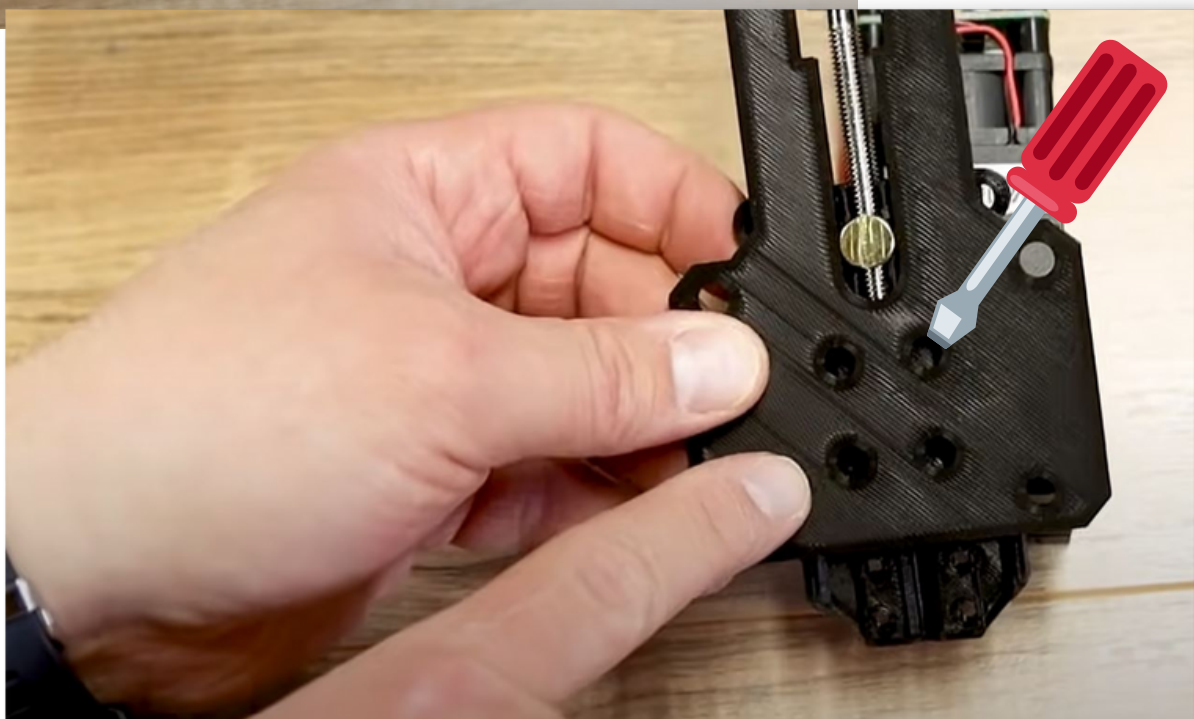


5th step: Attaching Z Axis to the module

Using the stock screws, attach the King Gubby module plate to the module to the top set of screw holes. The 4 holes in the carriage plate allow access for a screwdriver. This allows you to keep the Z Axis Adjuster assembled while attaching to the module

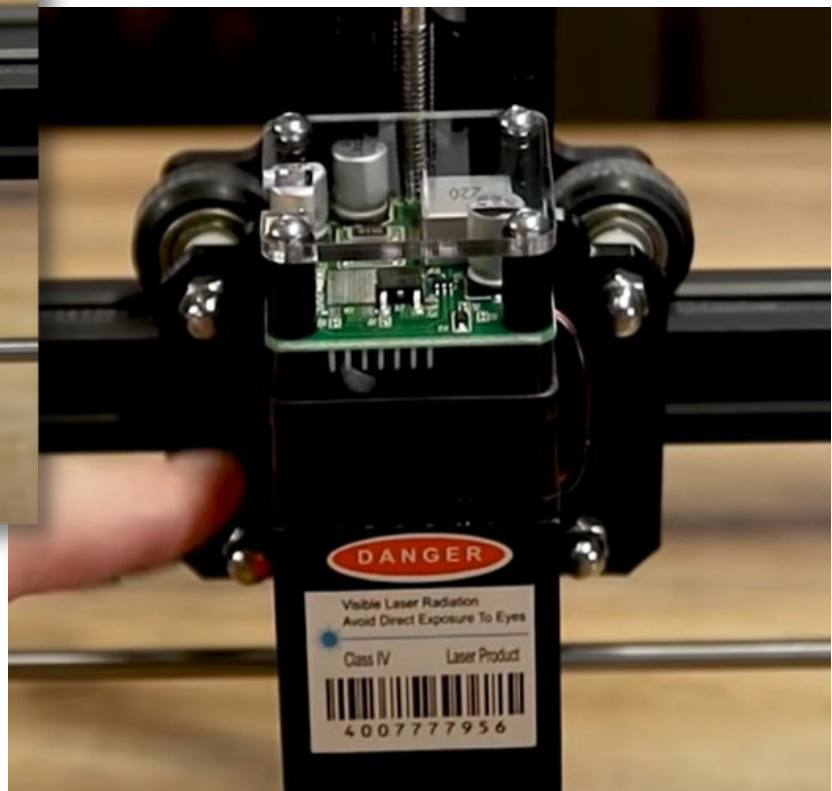
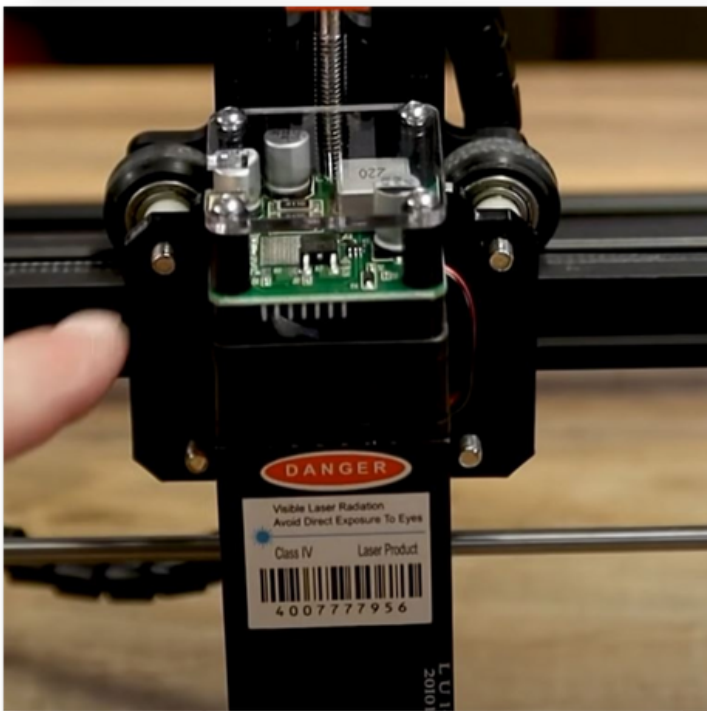
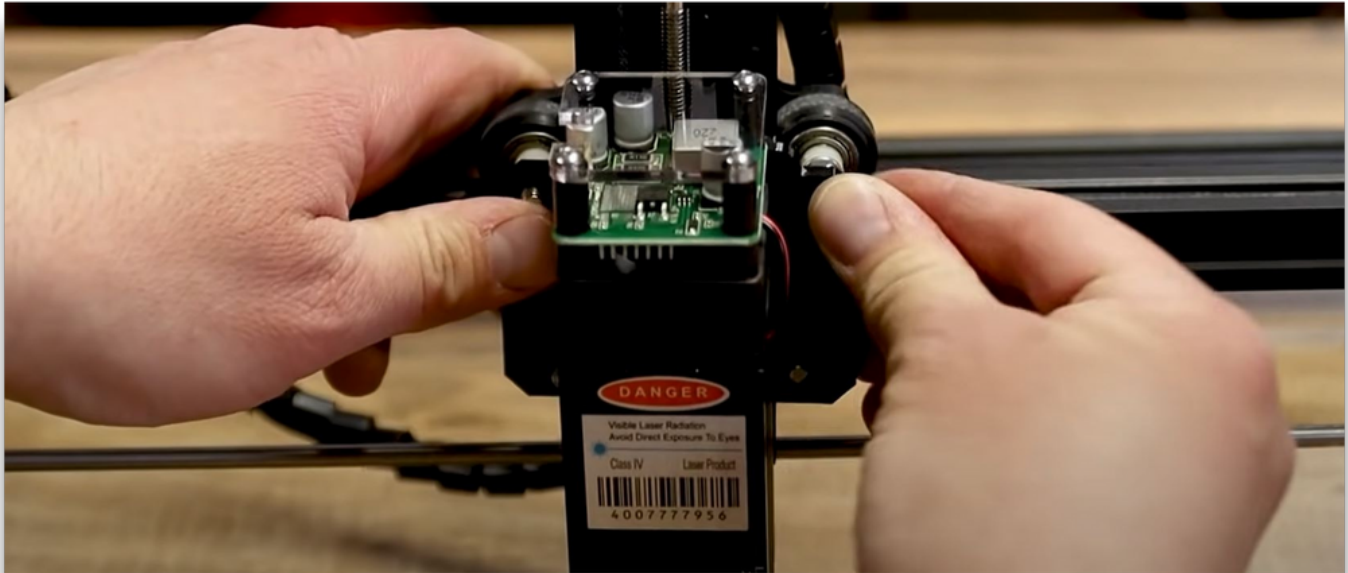


Do not try to attach the plate to these holes.



6th step:

Now that the module is mounted, attach the entire Z Axis to the carriage by aligning the 4 wheel bolts with the holes in the carriage plate. Use the stock acorn nuts to mount the plate to the carriage.



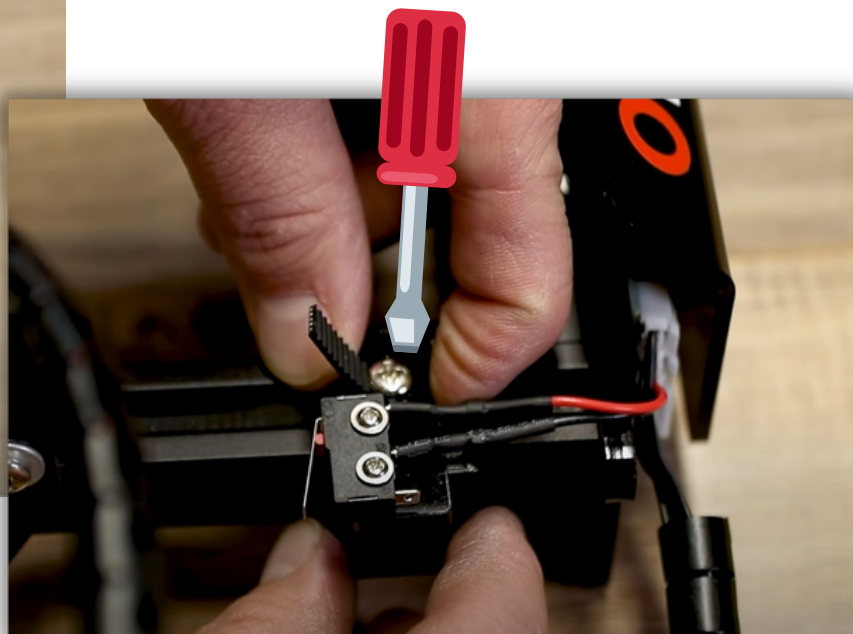
IMPORTANT

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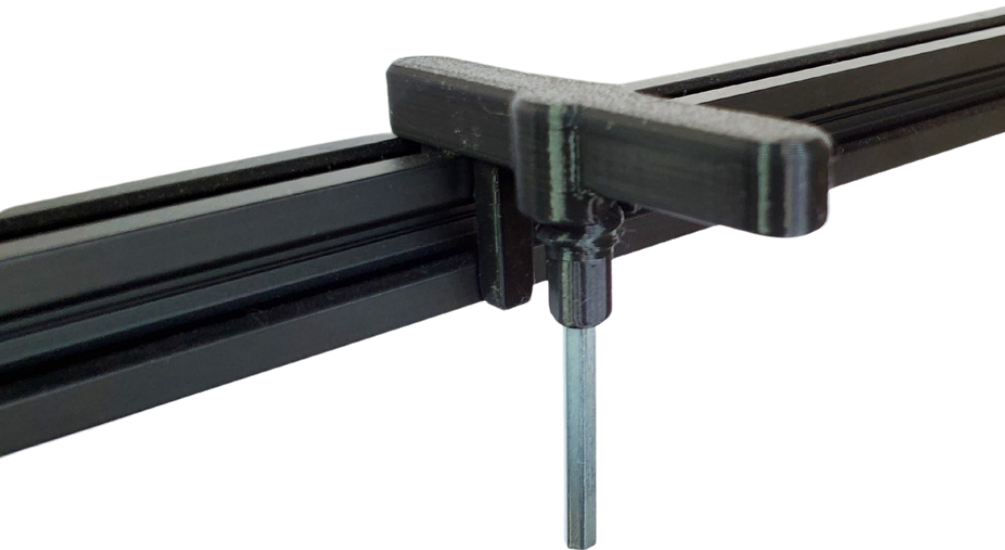
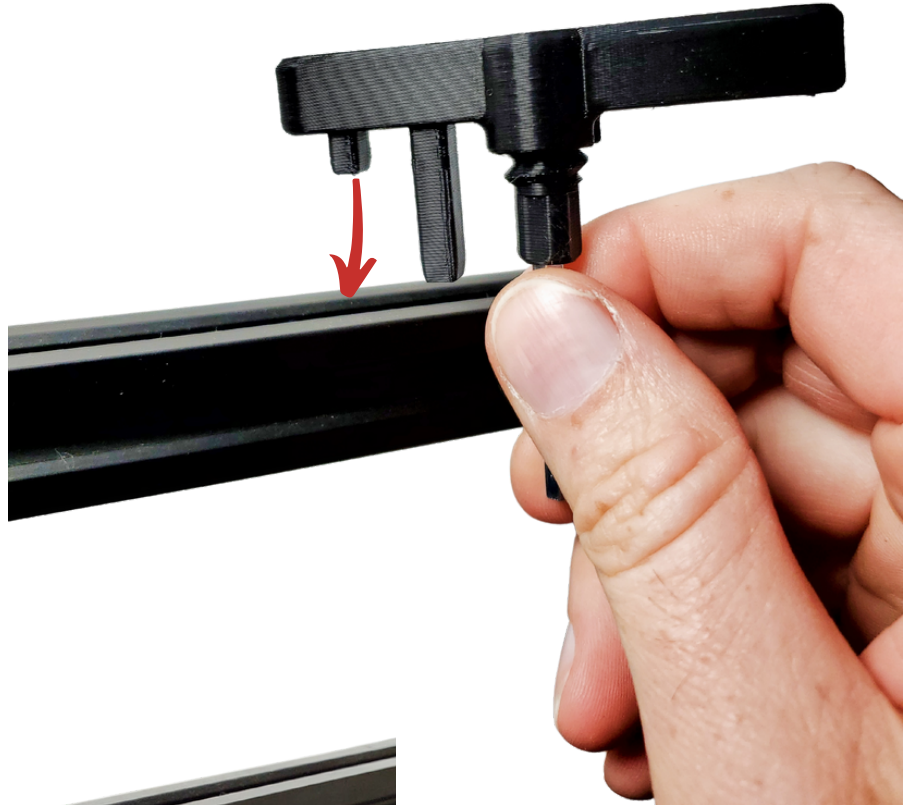
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**THAT'S
IT!**

Oh and...

By the way, the reason the t-handle looks so funny is because it rests on your laser's aluminum extrusion. Keeps it out of reach of those tool trolls.



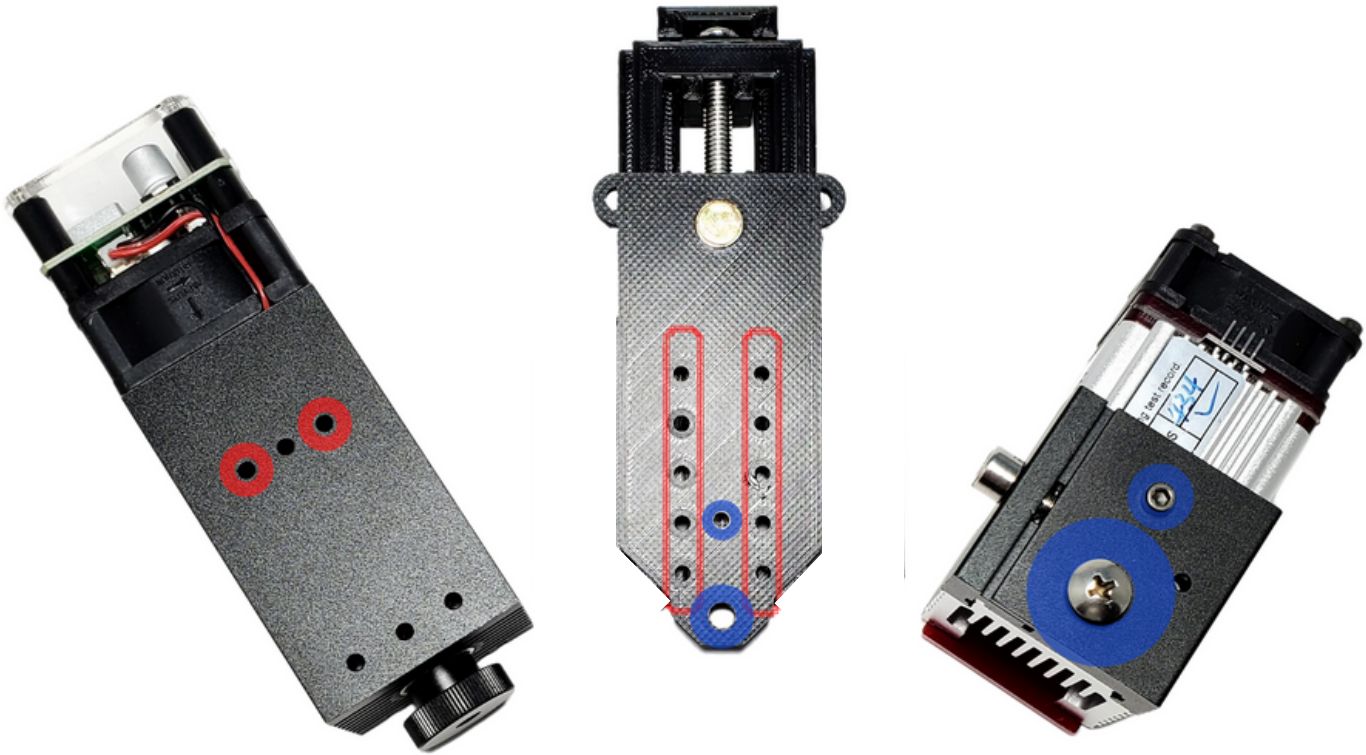
Contact Us:
KingGubbyDesigns@gmail.com

Tag us in your projects



FYI

**This Z Axis Adjuster also allows you to
attach your 30W, 40W, & 80W Neje
Module to your Ortur Frame**



ORTUR

NEJE

Only works with the above style Neje modules (not the narrower versions)