

# KING GUBBY DESIGNS



## NEJE Z AXIS ADJUSTER



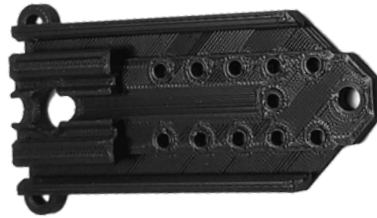
## INSTALLATION MANUAL

# Included Parts



K G D

**Module Plate**



**Carriage Plate**



**M6 Bolt**



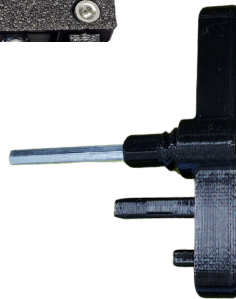
**Barrel Nut**



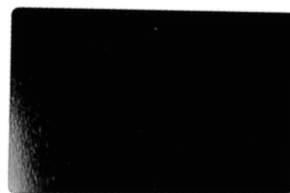
**Bolt Clip**



**M6 T Handle Wrench**



**Focus Card**



**M5 Screw**



**3 x M3 Screw**



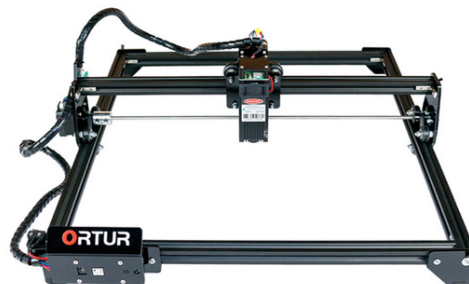
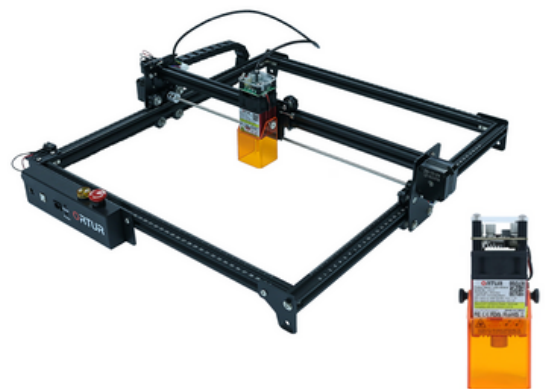
**Square Nut**



**3 x Hex Nuts**



# This product is with ALL Neje Frames



# **IMPORTANT**

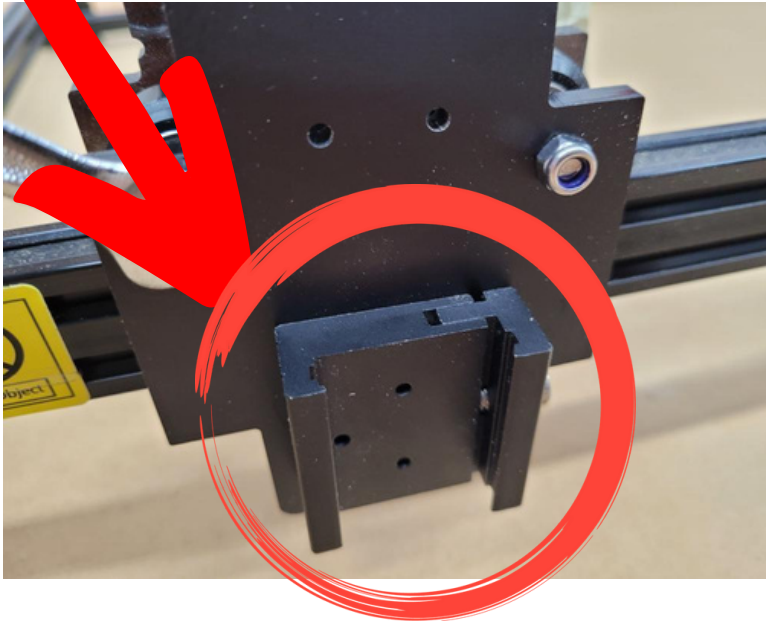
**You need to check your home stop before turning on your laser, after installing the Z Axis. This is to avoid damage to your laser.**

- **With Z Axis Adjuster installed, home 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. Should be around 13.75mm.**
- **Do this by positioning the module so that there is a space between it and the front rail and move your homestop contact switch forward until it is fully engaged.**
- **Tighten your home stop at this position**
- **Retighten your belt**

**If the switch is activated and the module does not come in contact with the front rail you do not need to move your home stop**

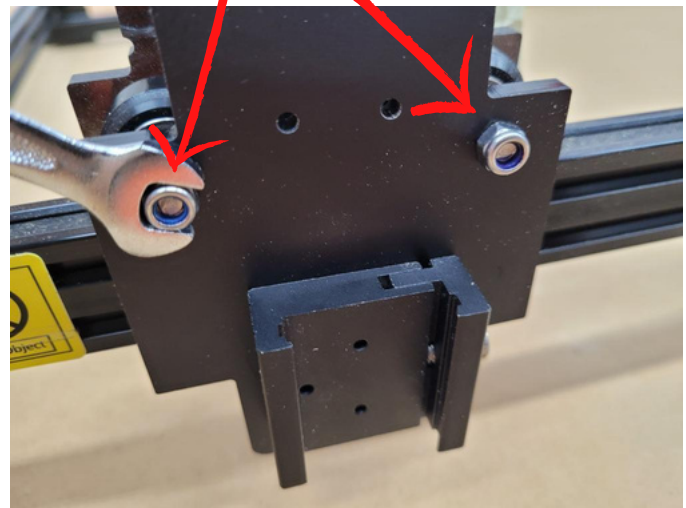
## 1st step:

Remove your module from your carriage by loosening the dovetail bracket and sliding it off of the Neje provided Z Axis Adjuster.



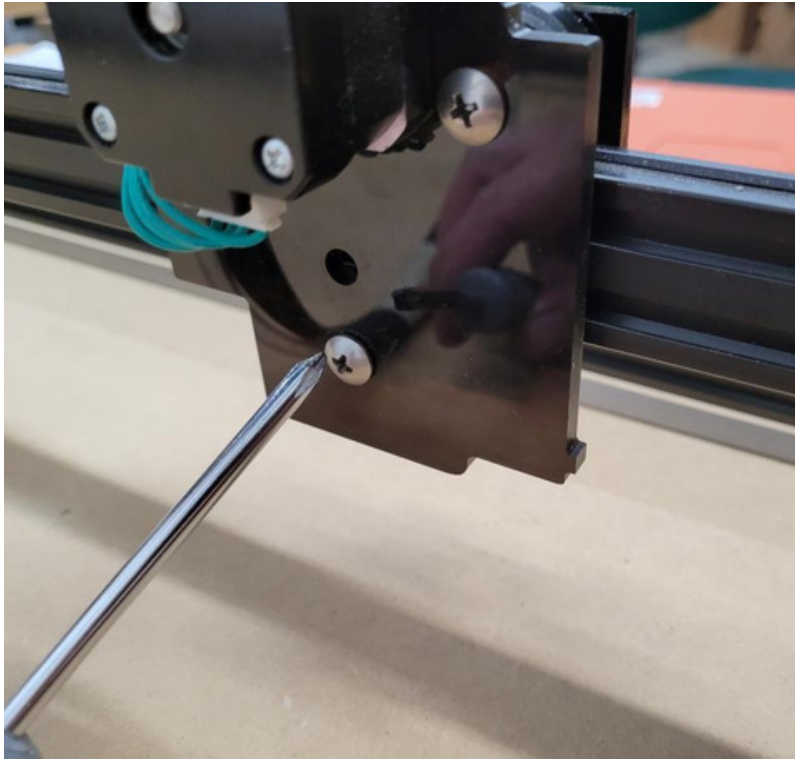
## 2nd step:

Remove the Neje carriage plate from the V wheel screws on the top, by taking off the nuts



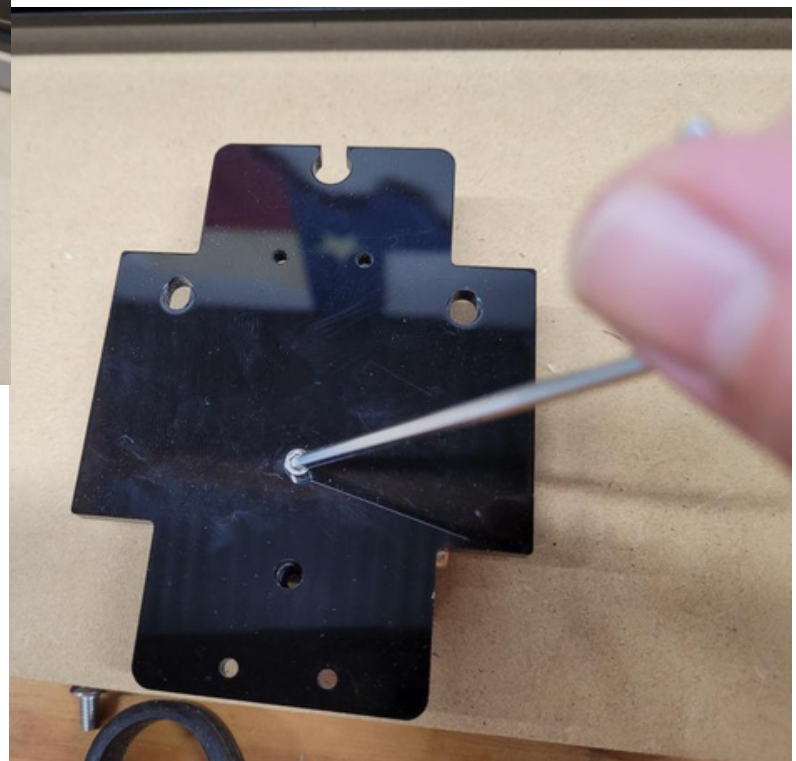
### 3rd step:

Turn the pan head screw on the bottom v wheel counter-clockwise to unthread the last piece of the carriage plate



### 4th step:

Remove the socket head screw from the back side of the Neje carriage plate to remove the Neje z axis adjuster.

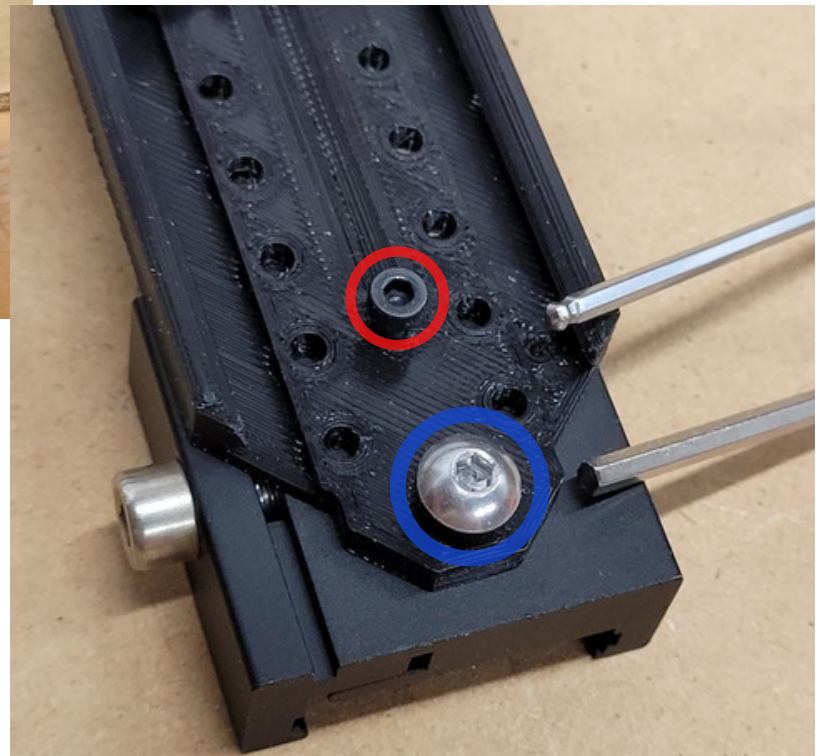
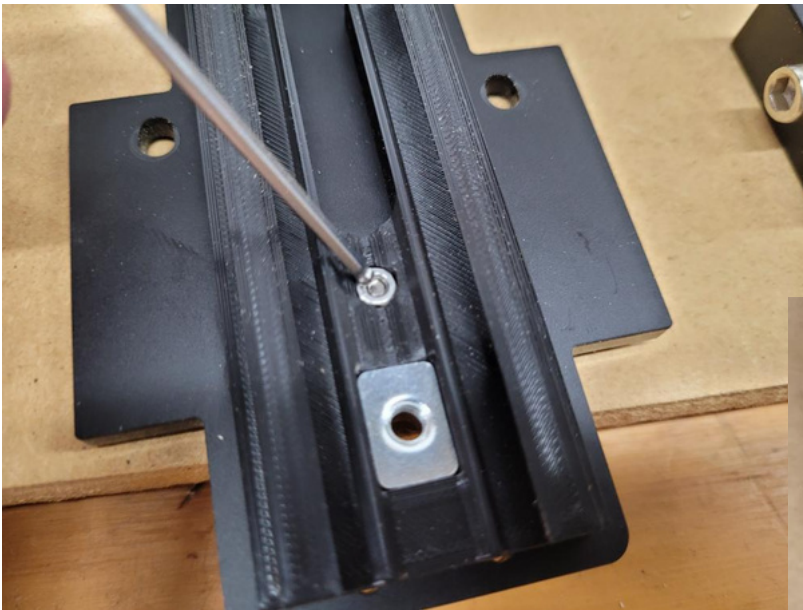


## 5th step:

**Attach the King Gubby carriage plate to the Neje carriage plate by using the stock screw and King Gubby provided hex nut.**

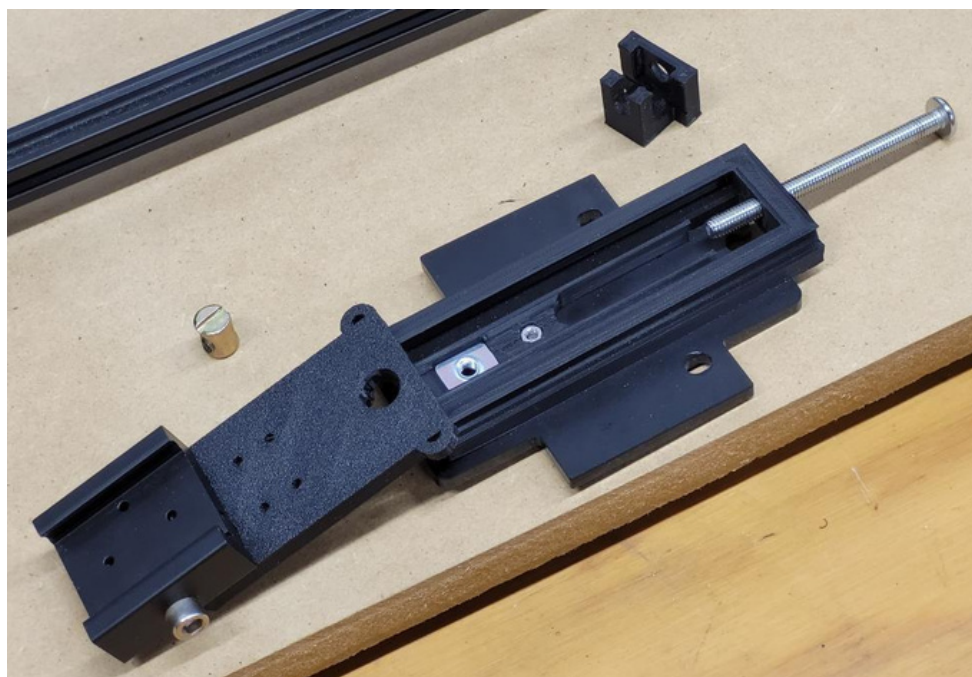
## 6th step:

**Mount the module plate to the Neje z axis adjuster with the King Gubby provided M3 and M5 screws.**



## 7th step:

Now, slide the module plate (with Neje z axis attached) onto the King Gubby carriage plate.



## 8th step:

Insert the barrel nut in the provided open slot on the module plate (circled in red below) and make sure the slit on the barrel nut is facing away from the module.





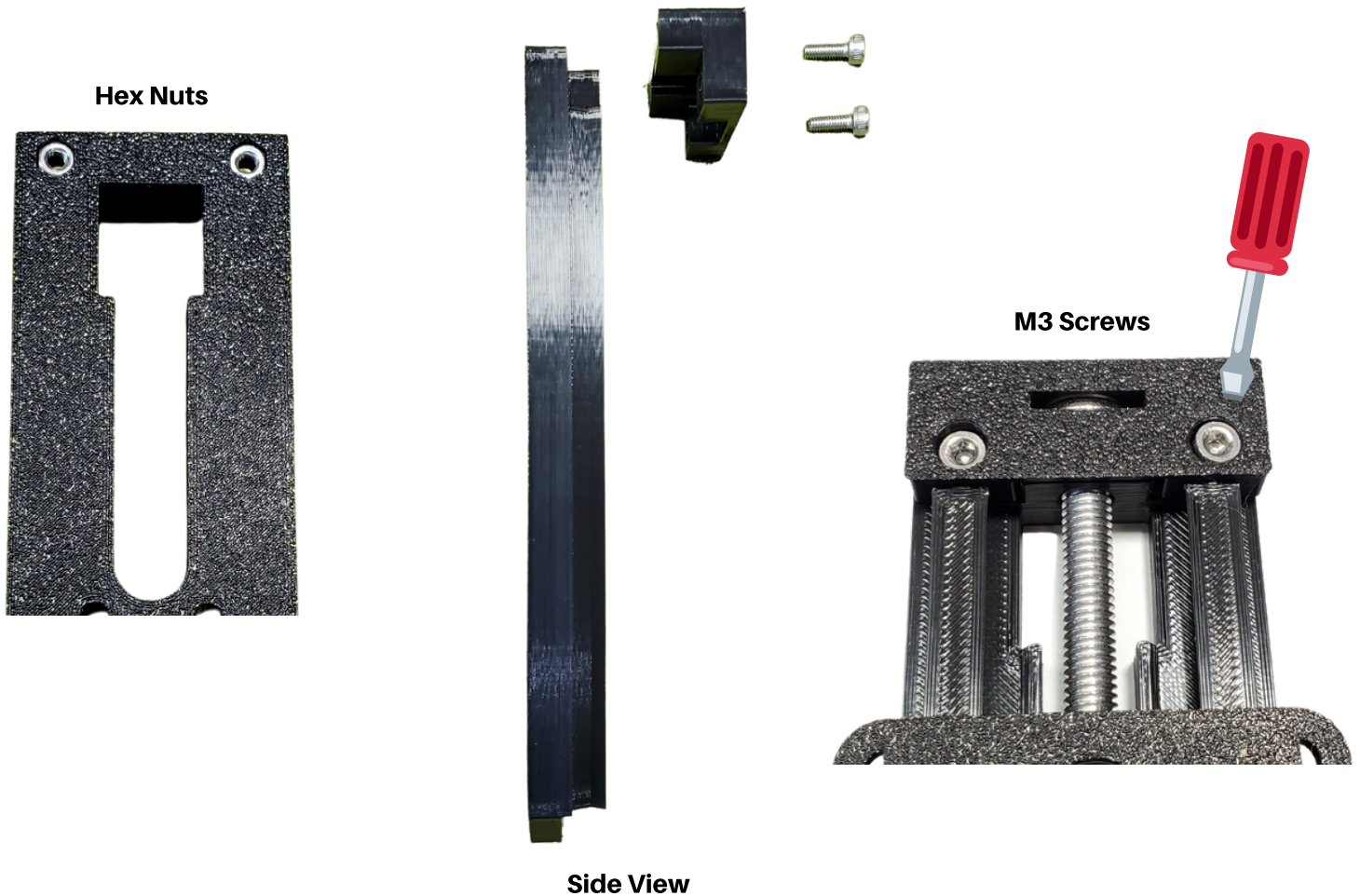
## Step 9:

**Slide the M6 bolt (75mm) through the hole in the top of the carriage plate. Use your King Gubby provided t-handle wrench to screw the bolt, through the barrel nut, to about half way.**



**Finally,**

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



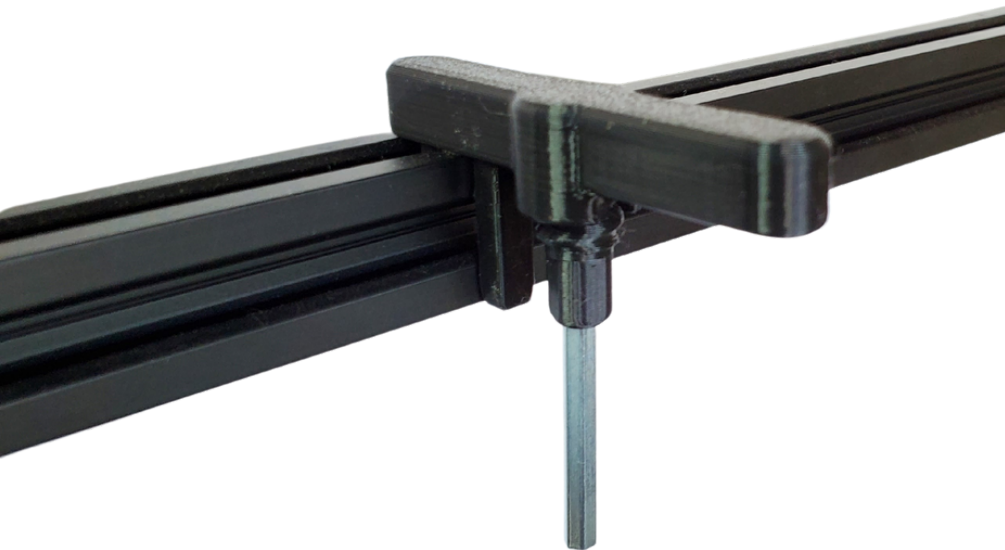
Contact Us:  
KingGubbyDesigns@gmail.com

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## Finally, Finally,

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.



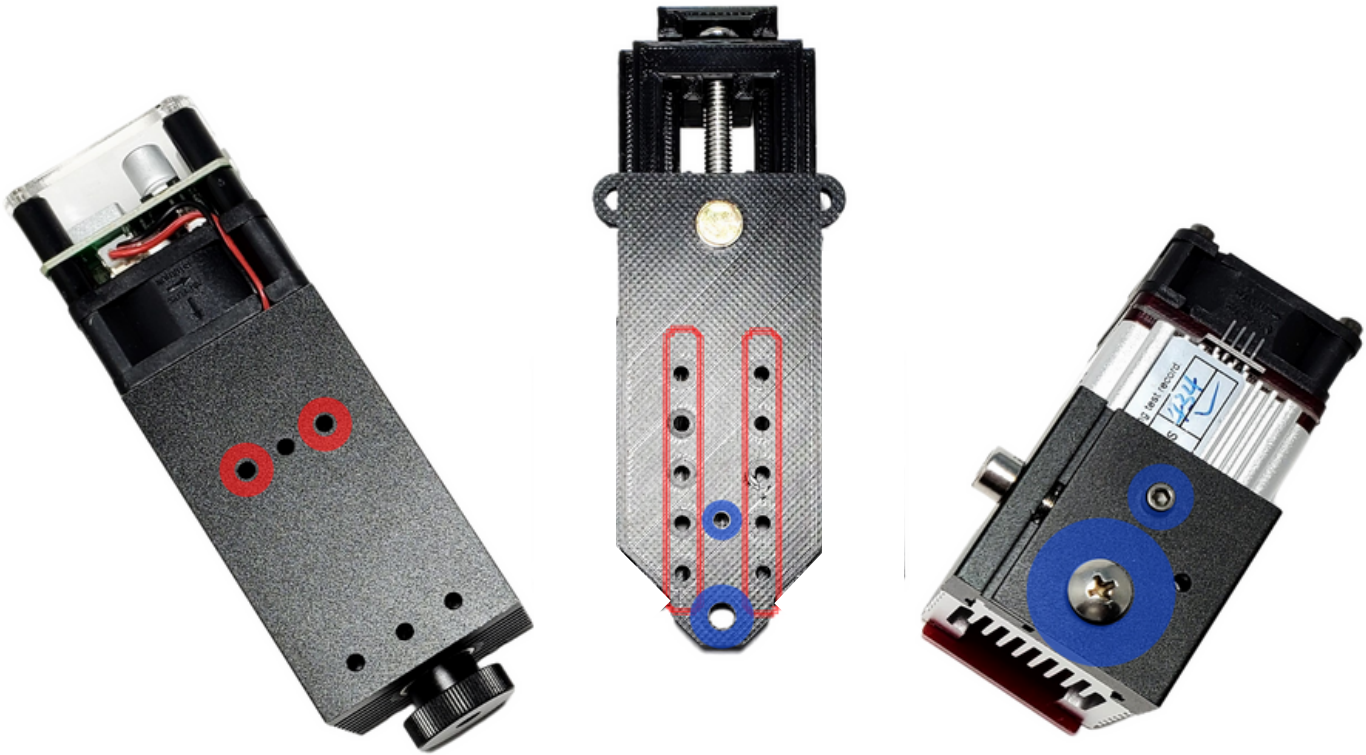
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# FYI

**This Z Axis Adjuster can also attach your Ortur Module to a Neje Frame .**



**ORTUR**

**NEJE**



Contact Us:  
[KingGubbyDesigns@gmail.com](mailto:KingGubbyDesigns@gmail.com)

Image above just for illustrative purposes

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