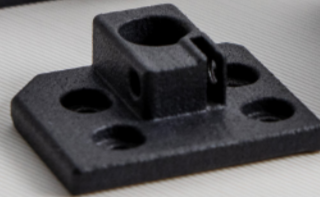


HOW TO Install LGX® lite on the Ancubic Vyper

Difficulty **Medium**
Steps **27**
Time Required **15 to 25 min**
Sections **1**



INSTRUCTIONS GUIDE

This guide is designed to be a reference manual for how to do install LGX® lite V2 and Slice Engineering Mosquito hotend on the Anycubic Vyper. Follow the instructions below or, if you prefer to watch a YouTube video with the same instructions, use the provided link below or the YouTube icon to the right:

<https://youtu.be/A6MOTg95I48>



01

Disconnect the stepper motor.



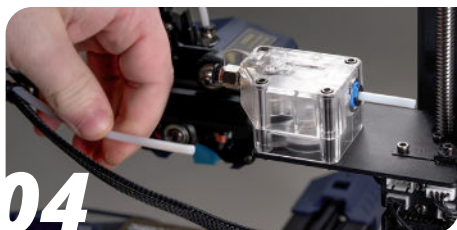
02

Remove the three M3 SHCS screws in the extruder with a 2.5mm hex key.



03

Remove the extruder stepper motor.



04

Disconnect the bowden tube from the extruder by pushing down on the black coupler while pushing the bowden tube in and then pulling it out.



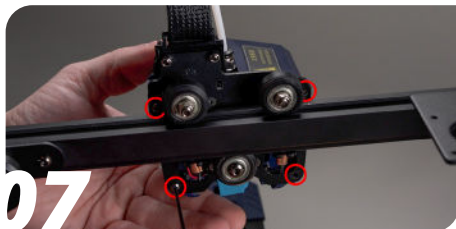
05

Remove the extruder.



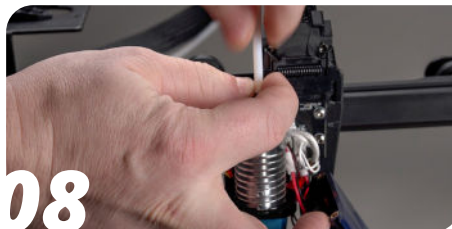
06

Fasten the bowden coupler from below using two M3x6 BHCS and a 2mm hex key. This is an optional part which can be bought in our store. Link [here](#) and [here](#).



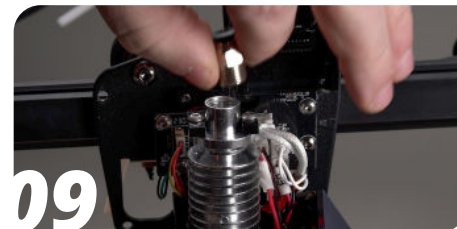
07

Loosen the cowling by undoing the four M3 BHCS screws in the back using a 2mm hex key.



08

Disconnect the bowden tube from the hotend by pushing down on the coupler while pulling it out.



09

Remove the bowden coupler from the hotend by loosening it with a wrench.



10

Undo the two M3 BHCS screws holding the hotend using a 2mm hex key.



11

Add two M3x10 FHCS to the hotend mount.



12

Fasten the hotend using the M3x10 FHCS in the hotend adapter with a 2mm hex key.



13

Reattach the cowling using the four M3 BHCS from before with a 2mm hex key.



14

Place the extruder mount on the hotend adapter and using the included cutting jig, insert a piece of the included PTFE tube as far as it goes and cut it to length using the slit in the jig.



15

Remove the extruder mount.



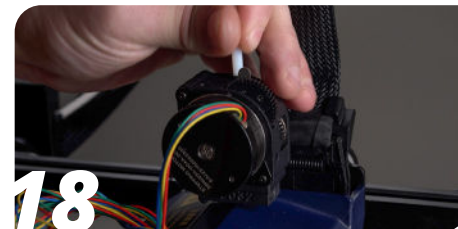
16

Attach the extruder mount to the LGX lite using four M3x6 Low Profile screws with a 2mm hex key.



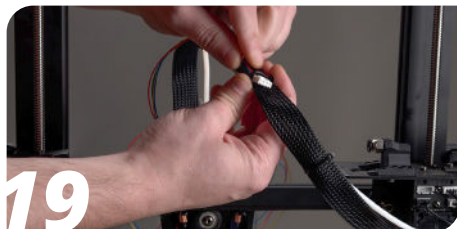
17

Attach the extruder mount to the hotend adapter using the M3x25 Low Profile screw.



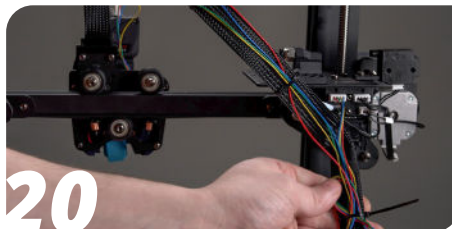
18

Attach the bowden tube to the LGX lite.



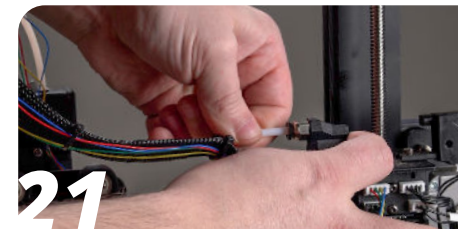
19

Route the extruder motor wires through the zip tie loops. Leave some slack by the toolhead.



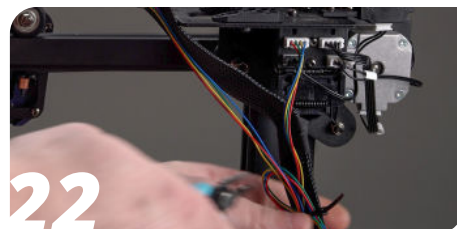
20

Connect the stepper motor, bundle the wires and secure them with a zip tie.



21

Connect the bowden tube in the bowden coupler.



22

Don't forget to trim the zip tie ;)



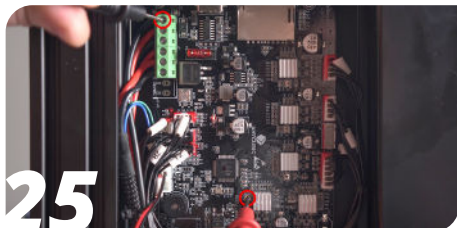
23

Flip the printer on its side.



24

Undo the three screws holding the access panel.



With a multimeter, measure between PSU GND and extruder trimpot.



Dial this down to 900 mV or 0.9 V



Close the printer up and you're done!



Check the Quick Start guide for slicer presets and printer settings.

TAKE GOOD CARE OF IT

Every 6 months, or sooner if you have a higher than 15h per week average usage, perform the following maintenance operations:

1. With a tooth brush and alcohol:
 - a. Clean the needle bearings
2. With a fine brush and lubricant
 - a. Lubricate the needle bearings
3. With compressed air
 - a. Blow the housing plastic parts to remove dust and dirt particles

HOW TO GET HELP

We are available to help you with any questions or issues you may have. Simply go to our website where you can access our customer support and send us your questions or follow the provided link:

https://www.bondtech.se/contact/#tab_technical-support-requests

