

# Microswiss FlowTech™ Hotend for Elegoo Centauri Carbon

## INSTALLATION INSTRUCTIONS

### Tools Required:

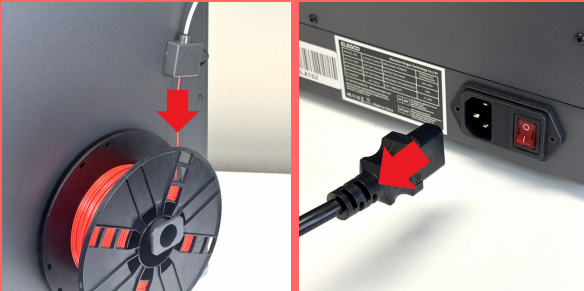
2.5mm Allen wrench

### What's in the box:

Heatsink  
Titanium Mounting Screws (2x)  
Heater Core

0.4mm CHT CM2 Nozzle  
Silicone Sock

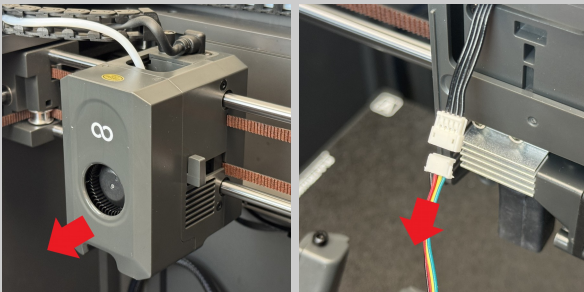
### STEP 1



### SAFETY / PREPARATION

- Unload the filament from the print head.
- Allow the hotend to cool down to room temperature.
- **Power off the printer.**  
*IMPORTANT - Servicing the hotend while powered on can damage the toolhead PCB.*
- Disconnect the power cable from the printer.

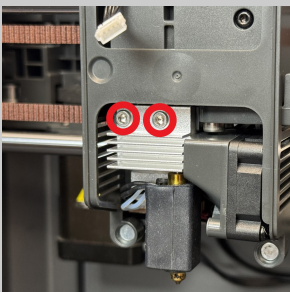
### STEP 2



### REMOVE THE FAN SHROUD

- Pull the magnetic fan shroud off the print head.
- Disconnect the part cooling fan and set the fan shroud aside.

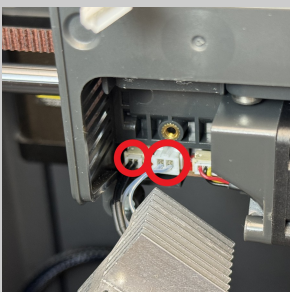
### STEP 3



### UNFASTEN THE ORIGINAL HOTEND

- Remove the two screws from the front of the heatsink.  
(2.5mm Allen wrench)

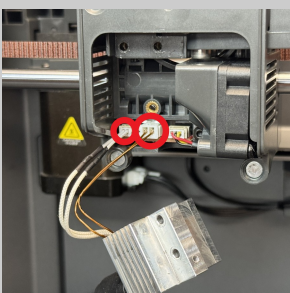
### STEP 4



### DISCONNECT THE ORIGINAL HOTEND

- Disconnect the original hotend's thermistor and heater from the breakout board.

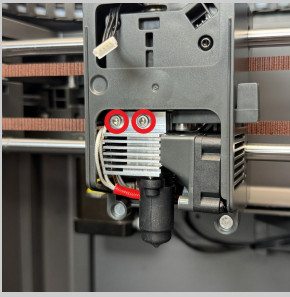
### STEP 5



### CONNECT THE FLOWTECH HOTEND

- Connect the heater and thermistor cables to the matching ports of the breakout board.

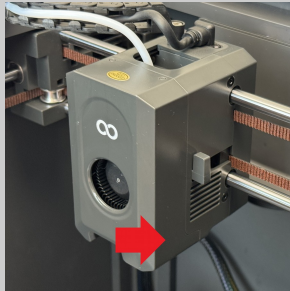
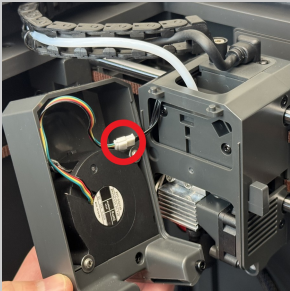
## STEP 6



### FASTEN THE FLOWTECH HOTEND

- Secure the FlowTech hotend to the carriage using the two original mounting screws. (2.5mm Allen wrench)
- Tuck the cables in to the gap on the left side of the heatsink.

## STEP 7

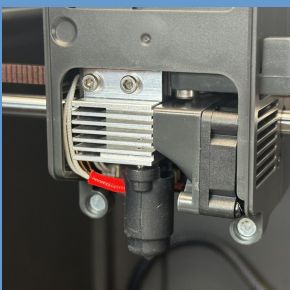
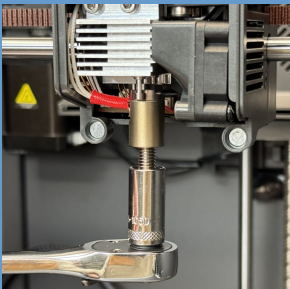
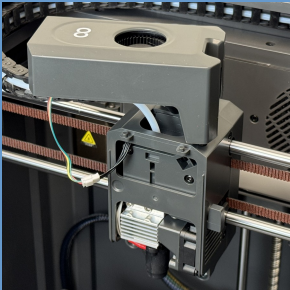


### INSTALL THE FAN SHROUD

- Reconnect the part cooling fan.
- Reinstall the magnetic fan shroud onto the print head.

Installation Complete!

## SERVICE NOTE



### NOZZLE REPLACEMENT PROCEDURE

FlowTech nozzles can be swapped while the hotend is at room temperature.

- Remove the magnetic fan shroud.
- Pull the silicone sock off of the heater core.
- Unscrew the nozzle using a 7mm wrench.
- Install and tighten the nozzle using a 7mm wrench.  
Recommended Torque: 15 inch pounds

**Be careful to not over tighten the nozzle if using a regular socket wrench.**

- Replace the silicone sock.
- Reinstall the magnetic fan shroud.

[Click here for replacement nozzles](#)

### FLOWTECH NOZZLE OPTIONS

