

# Microswiss FlowTech™ Hotend for Creality K2 Plus

## INSTALLATION INSTRUCTIONS

### Tools Required:

2.0mm Allen wrench

### What's in the box:

Heatsink  
Titanium Mounting Screws (2x)  
Heater Core

0.4mm CHT CM2 Nozzle  
Silicone Sock

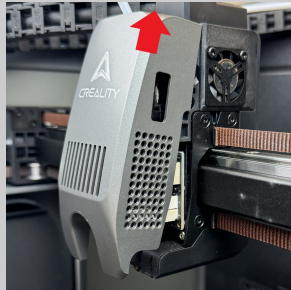
### STEP 1



### SAFETY / PREPARATION

- Unload the filament from the print head.
- Allow the hotend to cool down to room temperature.
- Power off the printer.
- Disconnect the power cable from the printer.

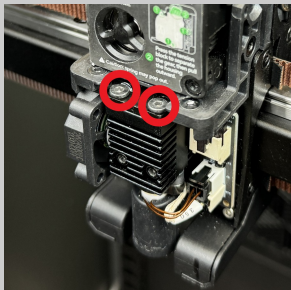
### STEP 2



### REMOVE THE FAN SHROUD

- Pull the magnetic fan shroud off of the print head.

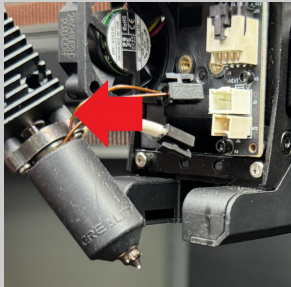
### STEP 3



### UNFASTEN THE ORIGINAL HOTEND

- Remove the two screws located at the top of the heatsink.  
(2.0mm Allen wrench)
- Remove the two screws from the front of the heatsink.  
(2.0mm Allen wrench)

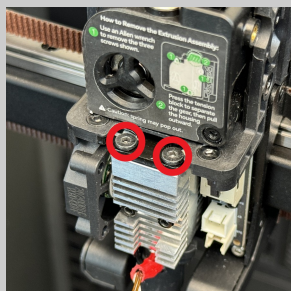
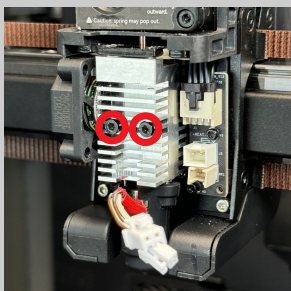
### STEP 4



### DISCONNECT THE CABLES

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

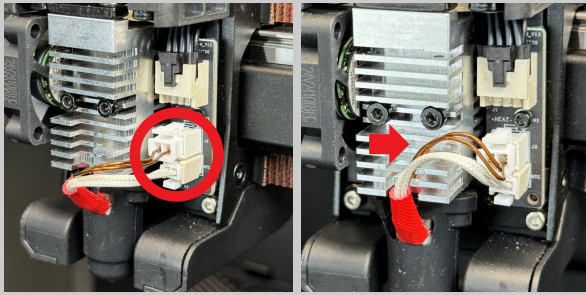
### STEP 5



### FASTEN THE FLOWTECH HOTEND

- Secure the FlowTech hotend to the carriage using the four original mounting screws.  
(2.0mm Allen wrench)

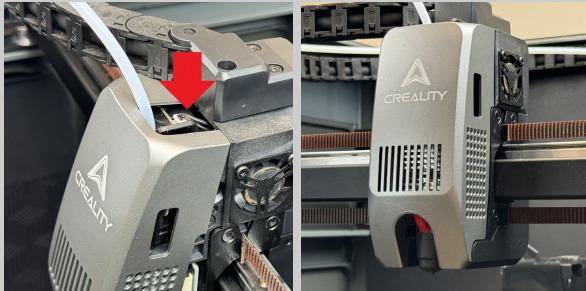
## STEP 6



### CONNECT THE FLOWTECH HOTEND

- Connect the heater and thermistor cables to the matching ports on the breakout board.
- Tuck the cables into the cutout slot in the heatsink so that they do not get in the way of the fan shroud.

## STEP 7

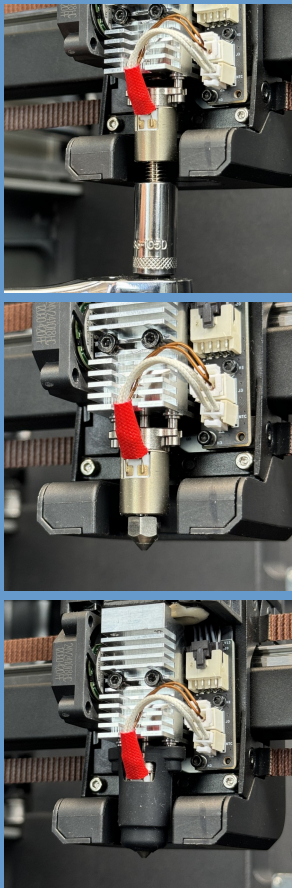


### INSTALL THE FAN SHROUD

- Reinstall the magnetic fan shroud.

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



**M3001**  
Brass Plated Nozzle

Flow: Standard  
Tip: Standard  
Max Temp: 300°C

Sizes available:  
0.25mm, 0.3mm,  
0.4mm, 0.6mm,  
0.8mm, 1.0mm



**M2904**  
CM2 Nozzle

Flow: Standard  
Tip: Hardened Steel

Sizes available:  
0.4mm, 0.6mm,  
0.8mm, 1.0mm



**M2905**  
CHT Nozzle

Flow: **High-Flow**  
Tip: Standard  
Max Temp: 300°C

Sizes available:  
0.4mm, 0.6mm,  
0.8mm, 1.0mm



**M2907**  
CHT CM2 Nozzle

Flow: **High-Flow**  
Tip: Hardened Steel

Sizes available:  
0.4mm, 0.6mm,  
0.8mm, 1.0mm



**DBFT-175-04**  
DiamondBack Nozzle

Flow: Standard  
Tip: Diamond Tip  
Max Temp: 300°C

Sizes available:  
0.25mm, 0.4mm,  
0.6mm, 0.8mm,  
1.0mm