

# Micro Swiss FlowTech™ Hotend for Creality Hi

## INSTALLATION INSTRUCTIONS

### Tools Required:

1.5mm Allen wrench    2.0mm Allen wrench  
2.5mm Allen wrench

### What's in the box:

Heatsink                      Titanium Mounting Screw (2x)                      Heater Core  
Silicone Sock                      0.4mm CHT CM2 Nozzle

### STEP 1



### SAFETY / PREPARATION

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

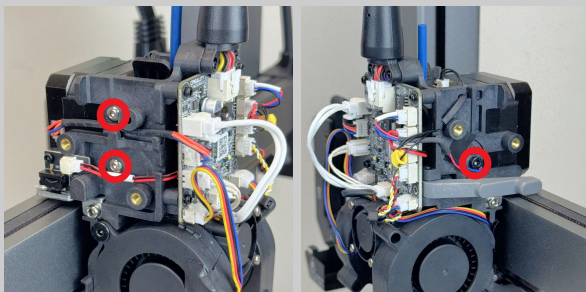
### STEP 2



### REMOVE THE FAN SHROUDS

- Remove the two screws on the left of the shroud. (2.0mm Allen wrench)
- Remove the two screws on the right of the shroud. (2.0mm Allen wrench)
- Pull the grey fan shroud forward off the carriage.
- Pull the black fan shroud upward off the carriage.

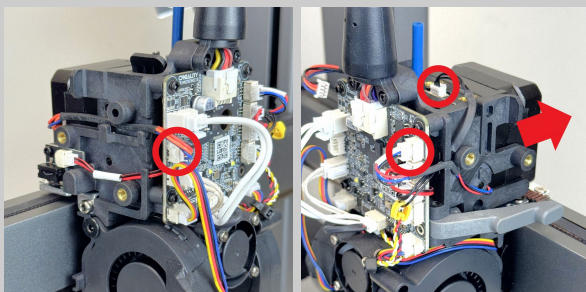
### STEP 3



### UNFASTEN THE EXTRUDER

- Remove the two screws on the left side of the extruder. (2.0mm Allen wrench)
- Remove the single screw on the right side of the extruder. (2.5mm Allen wrench)

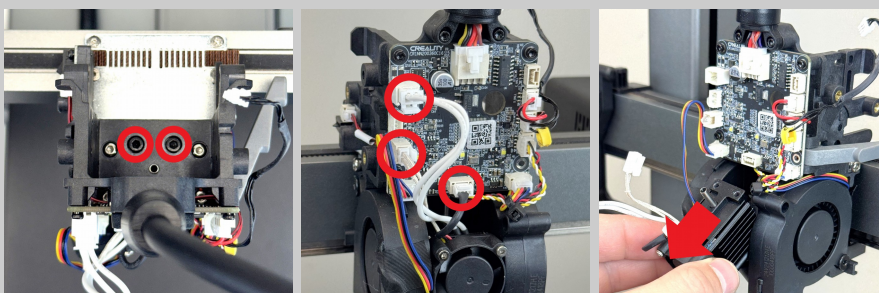
### STEP 4



### REMOVE THE EXTRUDER

- Disconnect the (red, orange, black, and blue) cable on the left of the extruder from the breakout board port.
- Disconnect the (black) cable from the top of the extruder.
- Disconnect the (red, blue, and black) cable from the top right port of the breakout board.
- Pull the extruder out and set it aside.

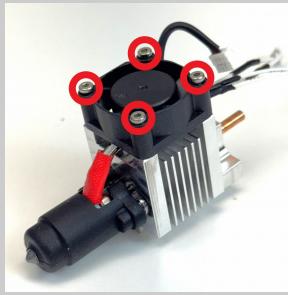
### STEP 5



### REMOVE THE HOTEND

- Unfasten the hotend by loosening the two screws above the heatsink. (2.5mm Allen wrench)
- Disconnect the original hotend's heater, thermistor, and fan cables from the breakout board.
- Pull the original hotend out of the print head.

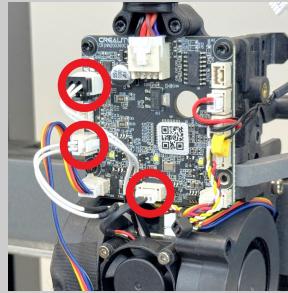
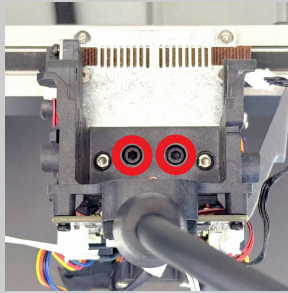
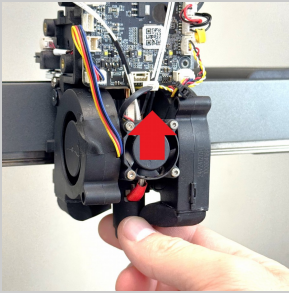
## STEP 6



### TRANSFER THE FAN

- Remove the four screws securing the fan to the original heatsink. (1.5mm Allen wrench)
- Attach the fan to the FlowTech heatsink using the original four screws. (1.5mm Allen wrench)

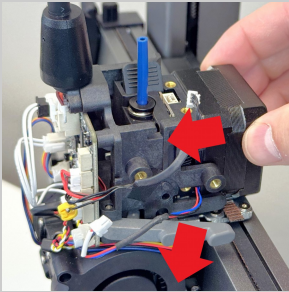
## STEP 7



### ATTACH THE FLOWTECH HOTEND

- Insert the FlowTech hotend into the print head from below.
- Tighten the two screws above the heatsink to secure the hotend. (2.5mm Allen wrench)
- Connect the heater, thermistor, and fan cables to the matching connector ports on the breakout board.

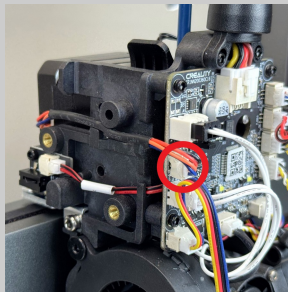
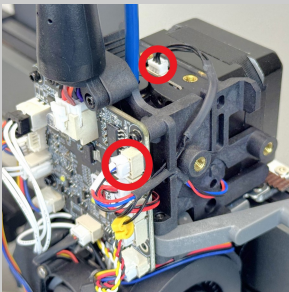
## STEP 8



### REINSTALL THE EXTRUDER

- Pull the grey filament cutter lever away from the print head to make space for the extruder assembly.
- Slide the extruder assembly back into place.

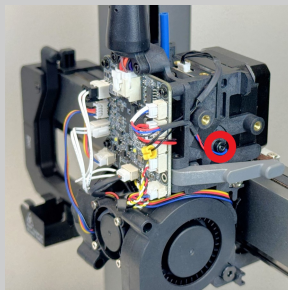
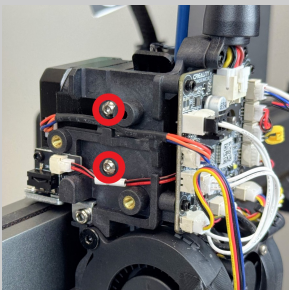
## STEP 9



### RECONNECT THE EXTRUDER CABLES

- Reconnect the (black) cable to the port at the top of the extruder.
- Reconnect the (red, blue, and black) cable on the right to the top right port of the breakout board.
- Reconnect the (red, orange, black, and blue) cable on the left of the extruder to the matching port on the left side of the breakout board.

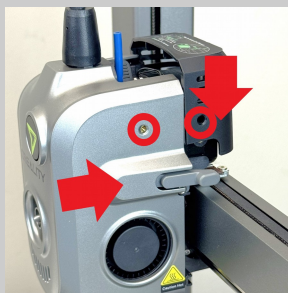
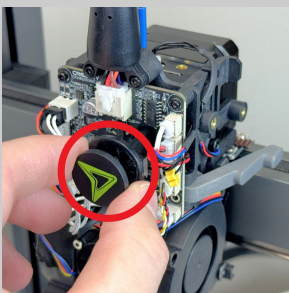
## STEP 10



### FASTEN THE EXTRUDER

- Reinstall the two screws on the left side of the extruder. (2.0mm Allen wrench)
- Reinstall the single screw on the right side of the extruder. (2.5mm Allen wrench)

## STEP 11



### REINSTALL THE FAN SHROUD

- Install the extruder rotation indicator onto the extruder shaft.
- Slide the fan shrouds back onto the print head.
- Secure the shrouds by installing the four screws. (2.0mm Allen wrench)

Installation Complete.