

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)
Silicone Sock 0.4mm CHT CM2 Nozzle Heater Core

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.

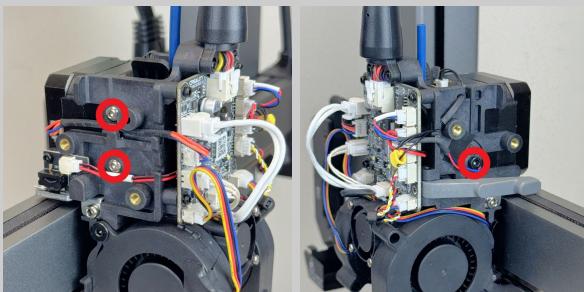
STEP 2



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.

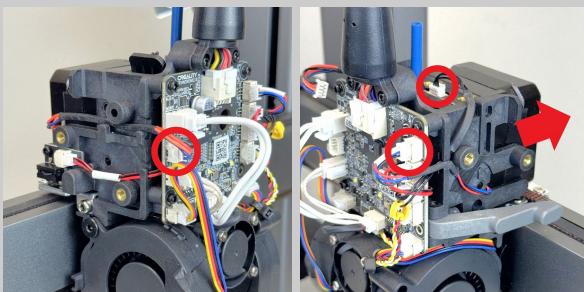
STEP 3



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)

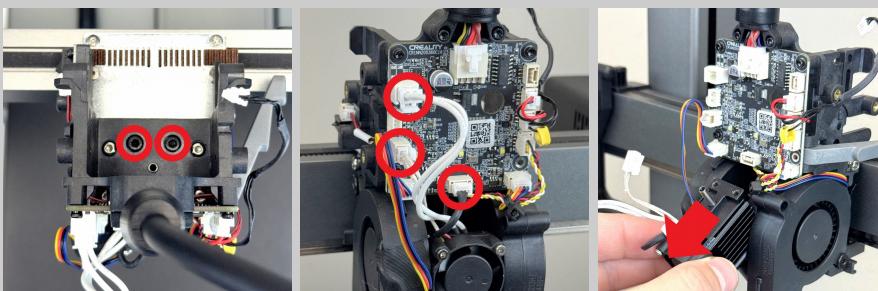
STEP 4



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.

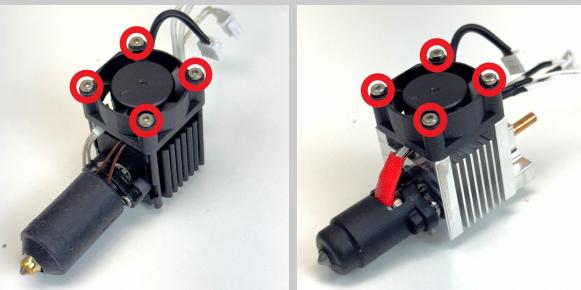
STEP 5



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.

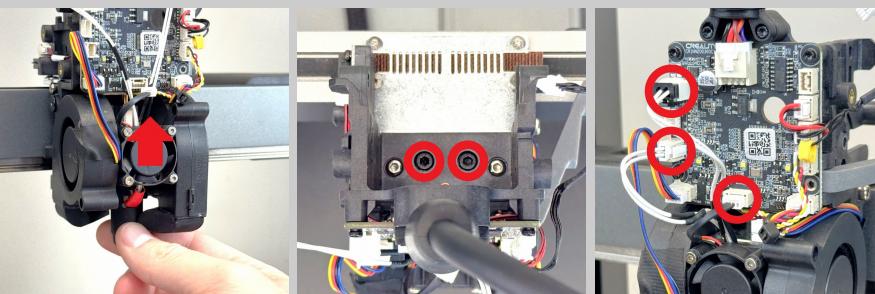
STEP 6



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)

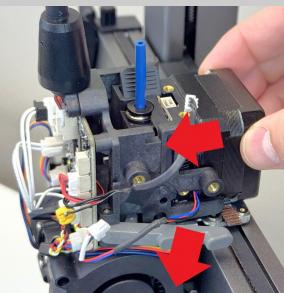
STEP 7



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.

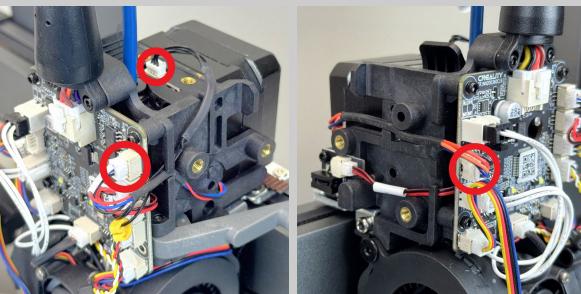
STEP 8



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.

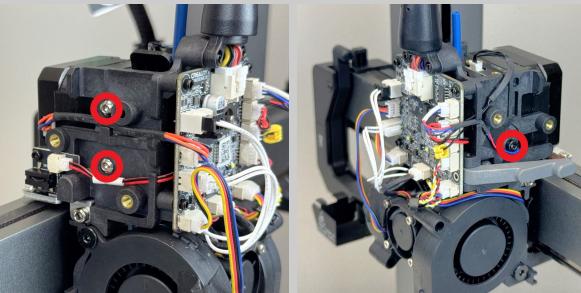
STEP 9



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.

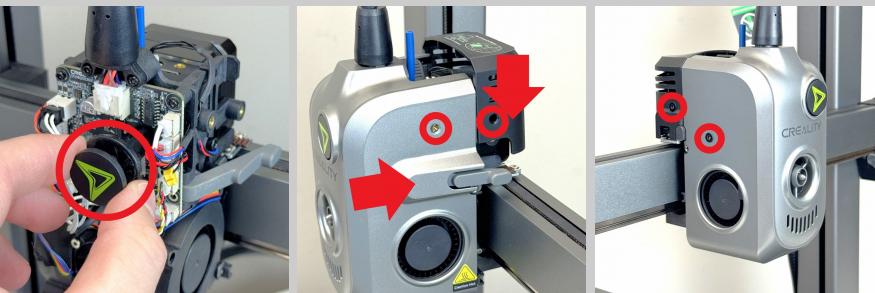
STEP 10



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.