

Microswiss FlowTech™ Hotend for Creality K2 SE

INSTALLATION INSTRUCTIONS

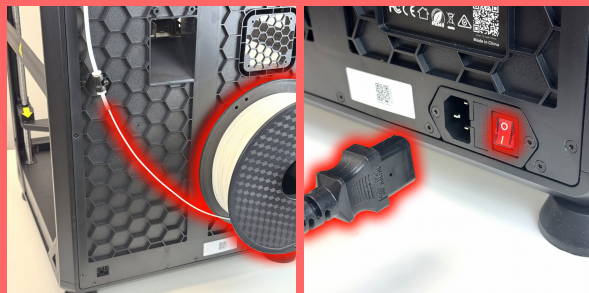
Tools Required:

1.5mm Allen wrench 2.0mm Allen wrench
2.5mm Allen wrench 7mm wrench
Flush cutters

What's in the box:

Copper Thermal Adapter Heater Core
Titanium Mounting Screws (2x) FlowTech™ Brass Plated 0.4mm
Zip Ties Nozzle Silicone Sock

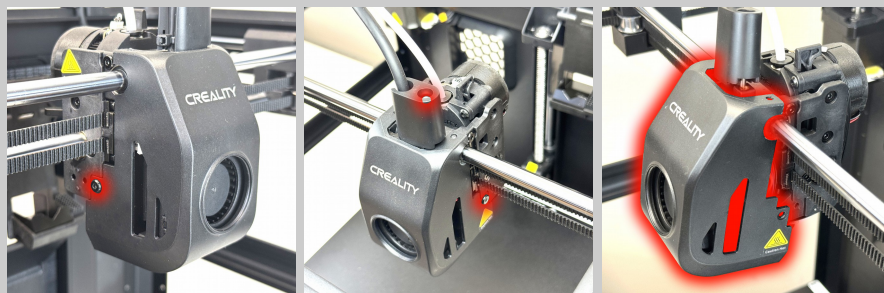
STEP 1



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.

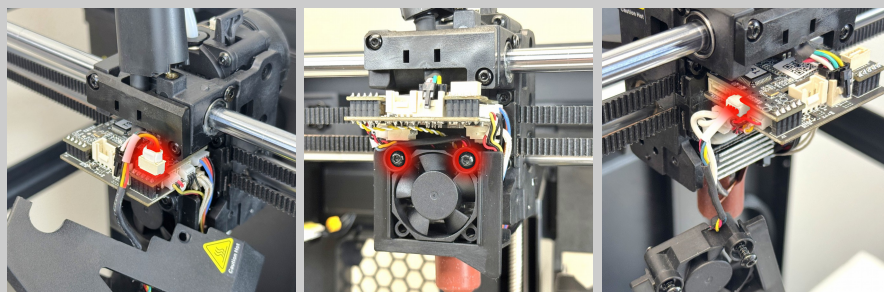
STEP 2



REMOVE THE FAN SHROUD

- Remove the screws on both sides of the fan shroud. (2.0mm Allen wrench)
- Loosen the screw holding the strain relief bracket at the top of the print head. (2.5mm Allen wrench)
- Pivot the bottom of the shroud away from the carriage, then pull the shroud upwards to remove it.

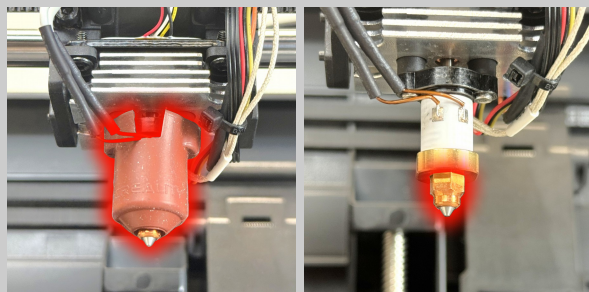
STEP 3



REMOVE THE FANS

- Disconnect the part cooling fan cable, and set the fan shroud aside.
- Remove the two screws securing the heatsink fan. (2.0mm Allen wrench)
- Disconnect the heatsink fan connector and set the fan and bracket aside.

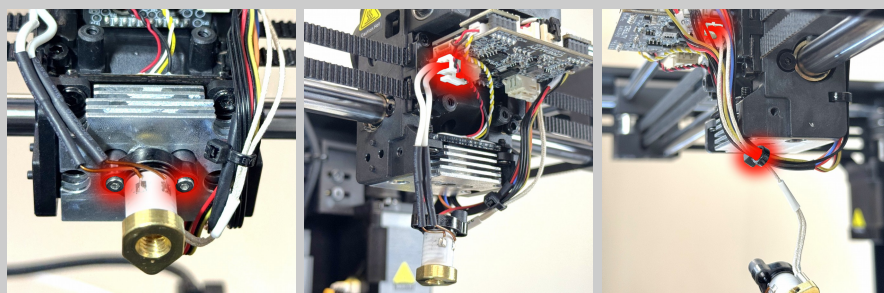
STEP 4



REMOVE THE NOZZLE

- Pull the silicone sock off of the heater core.
- Unscrew and remove the nozzle. (7mm wrench)

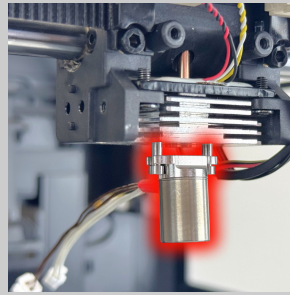
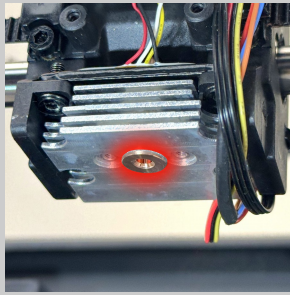
STEP 5



REMOVE THE HEATER CORE

- Remove the two small screws securing the heater core to the heatsink. (1.5mm Allen wrench)
- Disconnect the heater and thermistor connectors from the breakout board.
- Cut the zip tie securing the thermistor wires. (Flush cutters)

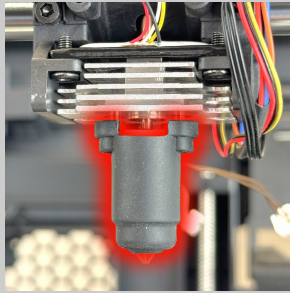
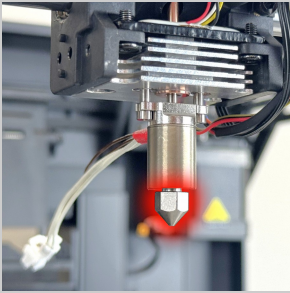
STEP 6



INSTALL THE HEATER CORE

- Spread a thin coat of thermal paste onto the lower section of copper thermal adapter, below the o-ring.
- Insert the copper thermal adapter into the bottom of the heatsink, then wipe off any excess paste.
- Attach the heater core to the heatsink using the two titanium screws, with cables facing the rear. (1.5mm Allen wrench)

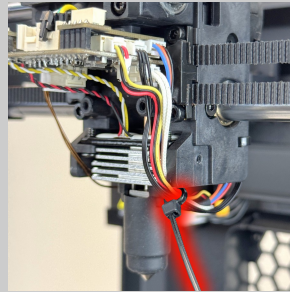
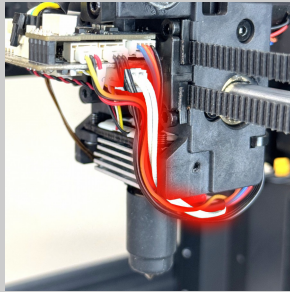
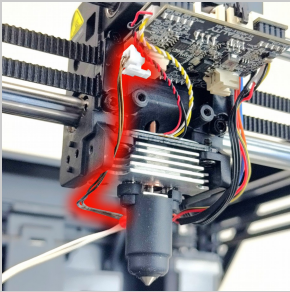
STEP 7



INSTALL THE NOZZLE

- Install and tighten the nozzle until it is snug. (7mm wrench)
- Recommended torque: 15 inch-pounds / 1.7 Newton Meters.
- There is no need to heat the hotend before tightening the FlowTech nozzle.
- Push the silicone sock up until it wraps around the top of the heater core.

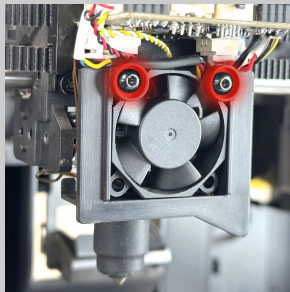
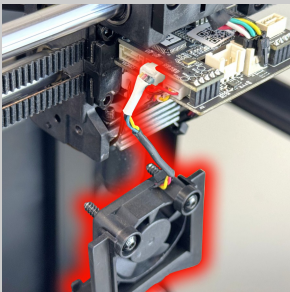
STEP 8



CONNECT THE HEATER CORE

- Connect the brown heater cables to the breakout board port on the left.
- Connect the white thermistor to the port on the right.
- Tuck both cables to leave clearance for the shroud.
- Secure the white thermistor wires to the other wires with a zip tie.

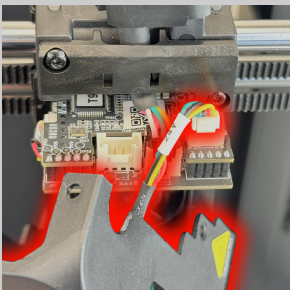
STEP 9



REATTACH THE HEATSINK FAN

- Reconnect the heatsink fan to its port on the left side of the breakout board.
- Reattach the heatsink fan to the front of the carriage using the two original screws. (2.0mm Allen wrench)

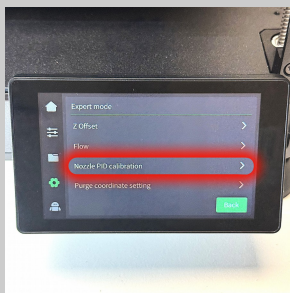
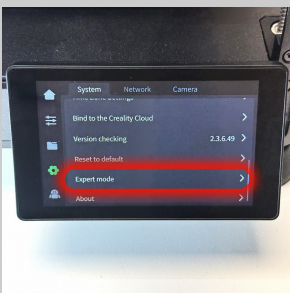
STEP 10



REINSTALL THE FANS

- Connect the fan cable to the top-right breakout port.
- Seat the fan shroud onto the carriage.
- Secure the fan shroud with the two side screws. (2.0mm Allen wrench)
- Retighten the top strain relief bracket screw. (2.5mm Allen wrench)

STEP 11



RUN NOZZLE PID CALIBRATION

- Plug the power cable back in and turn the printer on.
- Navigate the printer screen menus to: Gear icon on the left side > System > Expert Mode > Nozzle PID calibration.
- Press Start and then wait for the calibration procedure to finish.

Installation Complete!