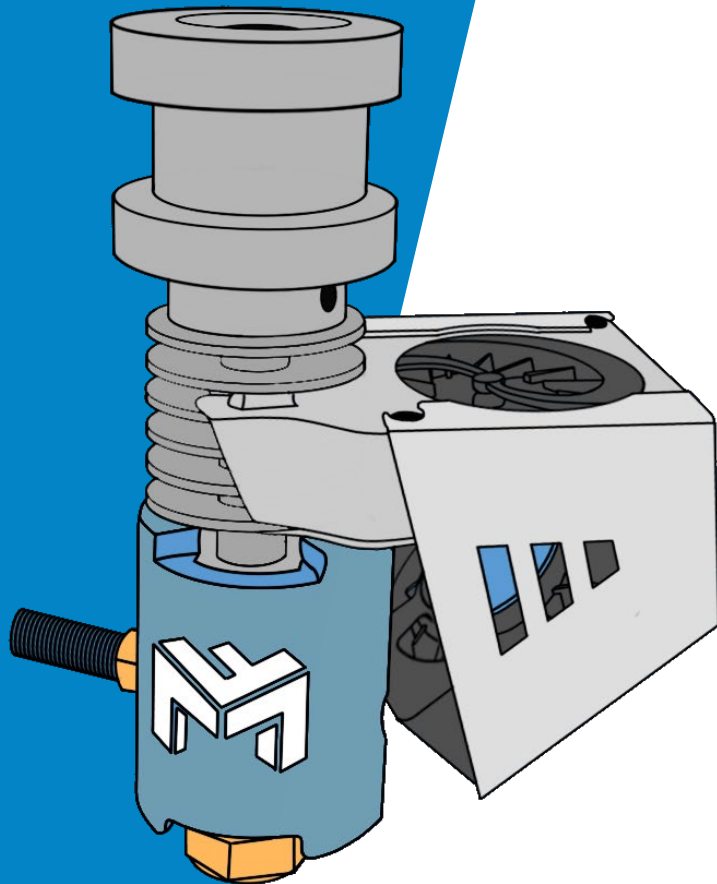




PICO HYBRID



USER MANUAL

Part List and Assembly Instructions

Including:

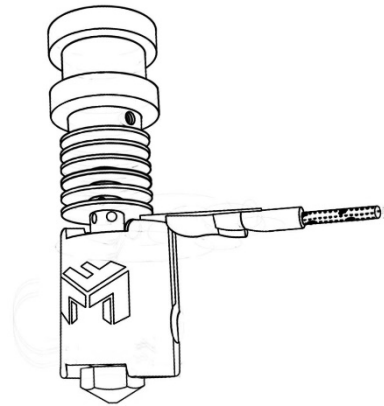
Nozzle Changing

Direct Drive Setup

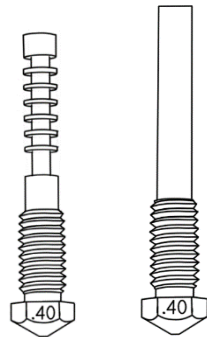
Bowden Setup

Additional Part Fan

WHAT YOU'LL NEED



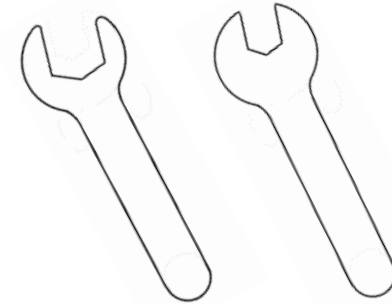
Pico Hybrid Assembly



New Nozzle



PTFE Liner
(Optional)



7mm and 11mm Flat Wrenches
(Optional)

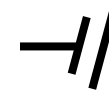
IMPORTANT NOTES

- Sizing of parts may vary across illustrations to enhance relevant details.
- Wiring length is not reflective of the actual wire length and is shortened for simplicity.
- Previous assembly steps may not be visible for each stage of setup.

Wire Length Shortened



Wire Length Cutoff

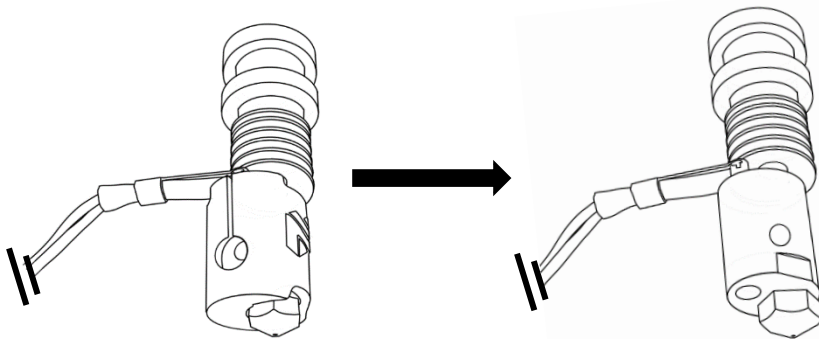


Connected Terminals



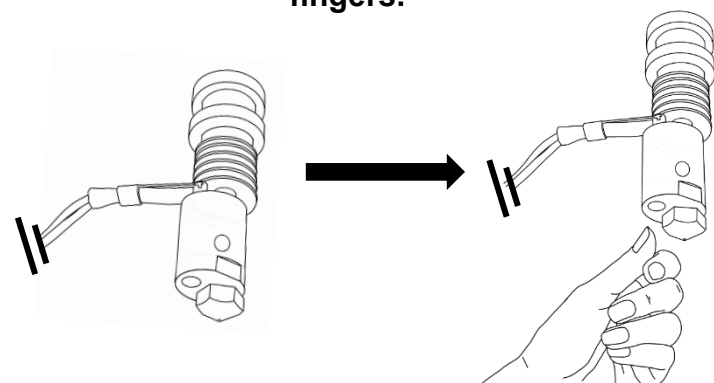
Step 1

Remove the silicone sock from the heat block.



Step 2

Retract filament from the hotend. After letting the hotend cool off, unthread the nozzle using your fingers.

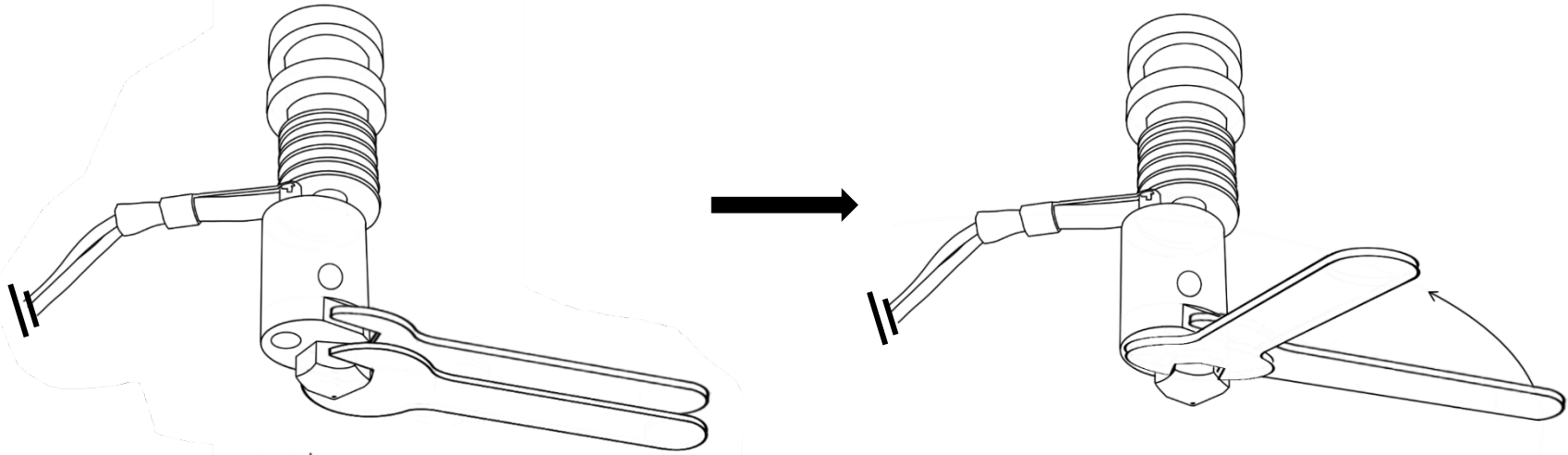


If nozzle is too tight to remove by hand, proceed to step 3, otherwise skip step 3.

Step 3

OPTIONAL

If Nozzle is too tight, use the provided 7mm and 11mm flat wrenches for leverage. With the 11mm flat wrench, hold the wrench flats on the bottom end of the heater block. Use the 7mm flat wrench to loosen the nozzle, being careful not to apply any twisting force to the heater block. Carefully loosen the nozzle until able to remove with your fingers.



WARNING

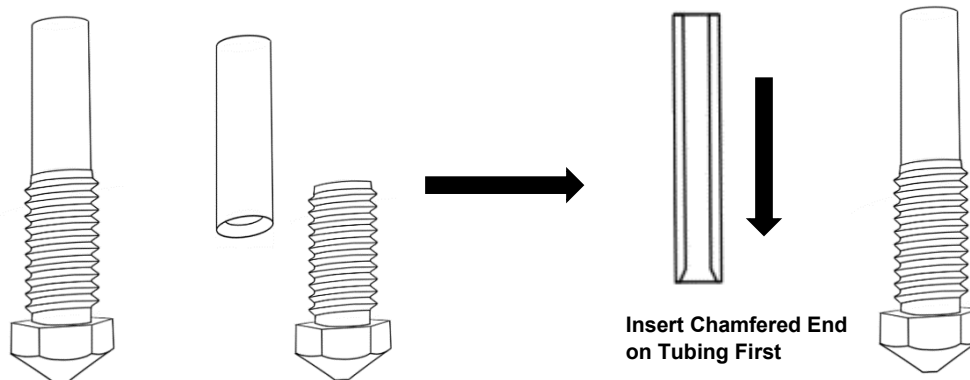
Applying twisting forces to the heater block may damage the heatsink of the hotend. Be sure to hold the heater block firmly when removing nozzles with wrenches to avoid damaging the heatsink. Do not try to remove cold nozzles with filament still in the hotend.

If you need to replace the PTFE liner in a nozzle, proceed to step 4, otherwise skip to step 5.

Step 4

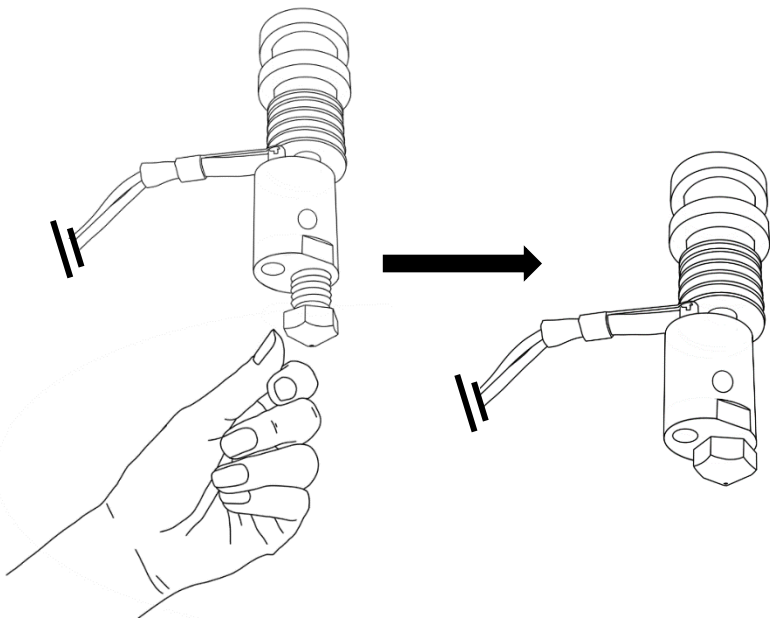
OPTIONAL

Remove old PTFE liner from the nozzle by twisting it out to break any hardened filament. Insert new PTFE liner into the nozzle, making sure the chamfered end of the liner is inserted down into the nozzle. Improper installation may result in leaks.



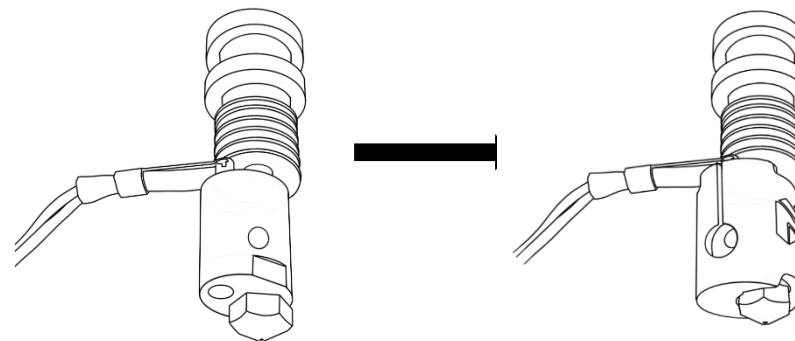
Step 5

Reinstall the nozzle using your hand. Do not use the flat wrenches when installing the new nozzle.



Step 6

Put the silicone sock back on the heat block.



WARNING

Wiring reverse polarity can damage Voltage Regulator. Ensure the correct polarity by matching the coloring of wires between each plug.