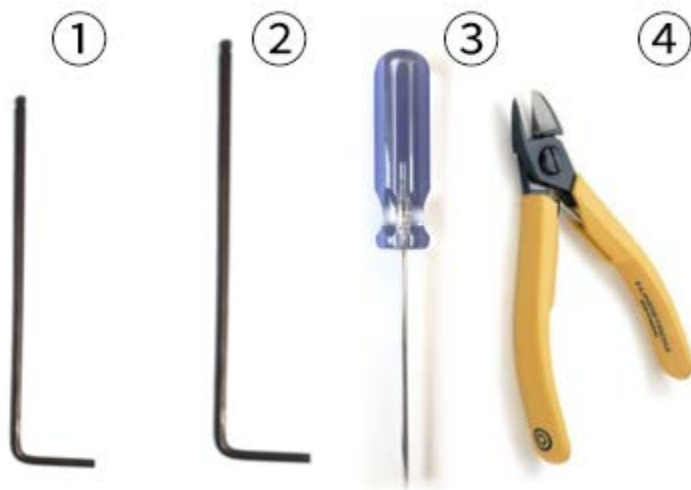


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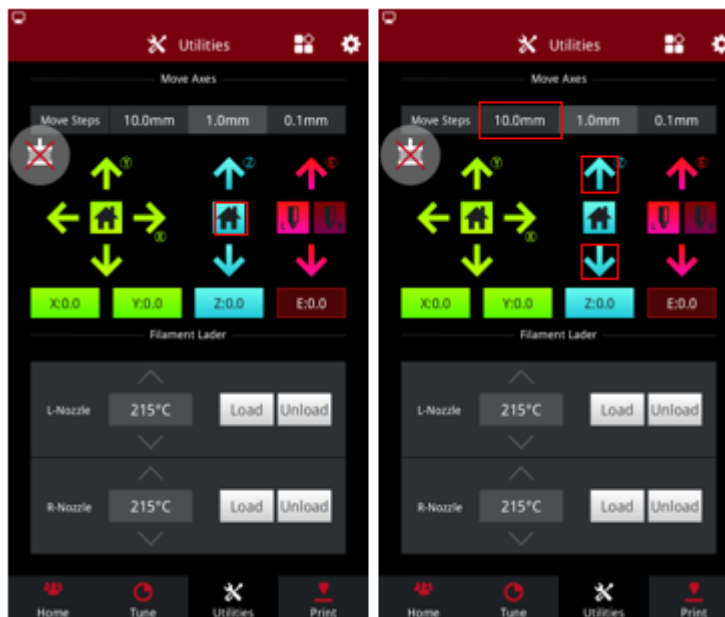
Tools:

- ① 1.5mm hex wrench
- ② 2.5mm hex wrench
- ③ Flat head screw driver
- ④ Flush cutter



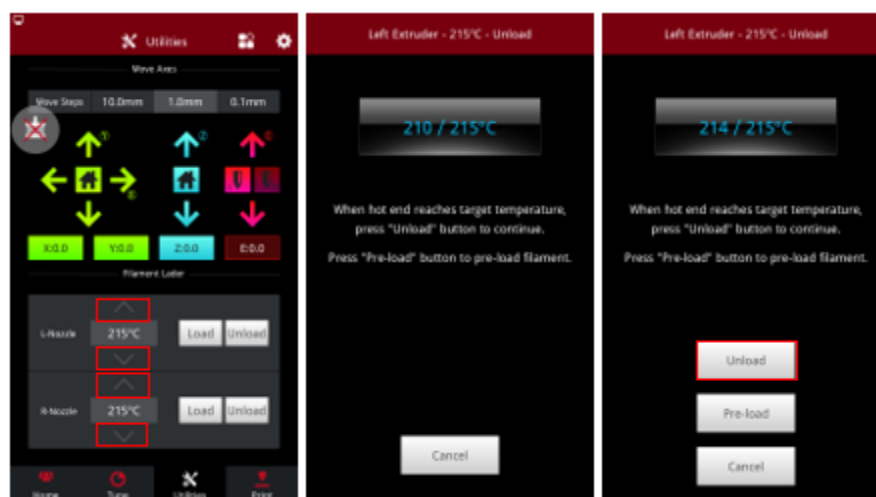
1. Drop the build plate

- Lower the Z-Axis platform by using the onboard touchscreen. This menu can be found in the Utilities tab.
- Lower the plate until you have enough clearance to comfortably maneuver tools within the area 200-275 mm
- Disable Motors
- Move the extruder to the middle of the X-Axis by hand.



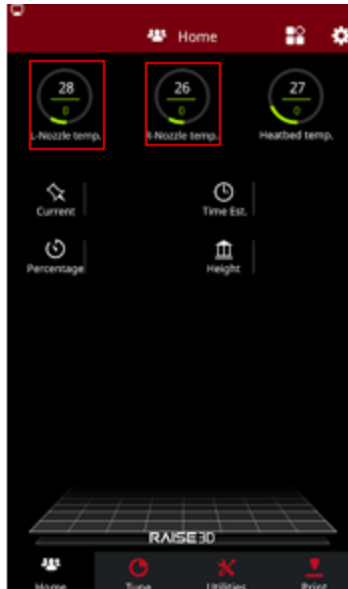
2. Unload filament

- In the 'Utilities' tab, verify that the temperature is set for your material. (215°C for Raise3D PLA)
- Use the arrows to adjust the temperature if required. Press the 'unload' button to start.
- The printer will heat up to the designated temperature. Once the temperature is reached the Unload button will become available.
- Press Unload to withdraw the filament.



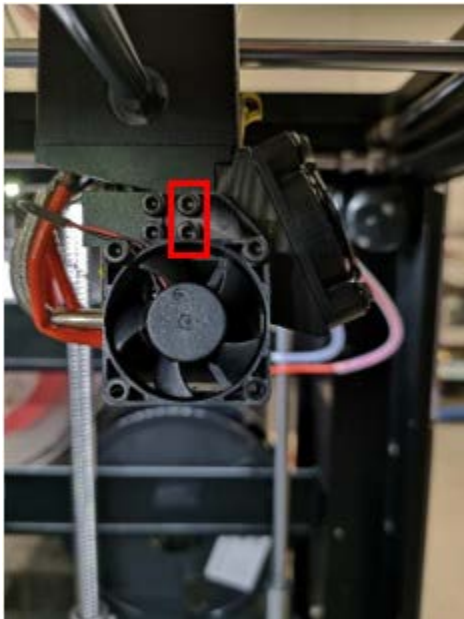
3. Cool down

- Open the 'Home' tab, and click on the nozzle temperature. In the new window, set the temperature at 0, and press OK. Do this for both nozzles.
- Allow the components to cool down completely before continuing.
- When the extruders reach an ambient temperature, power off the printer.



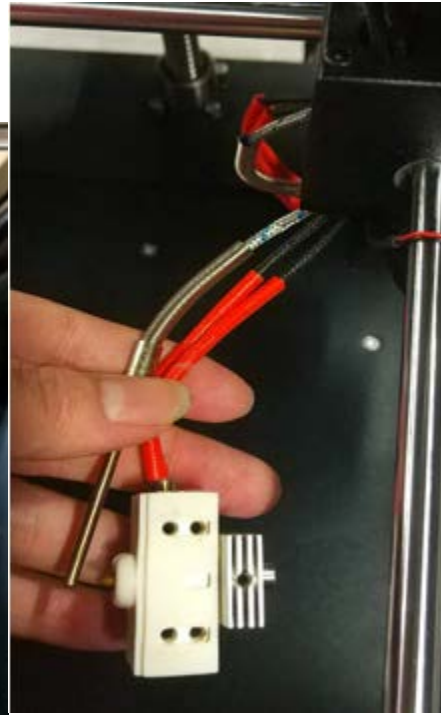
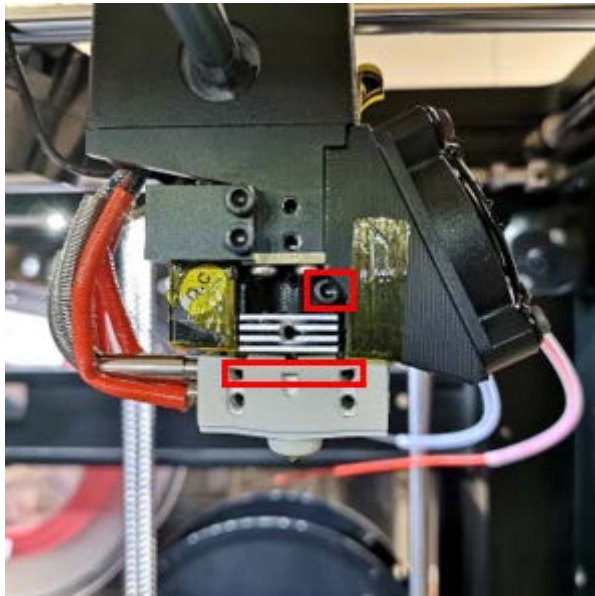
4. Remove Cooling Fan

Use a 2.5mm hex wrench to remove the two fixing screws of the cooling fan that corresponds to the Thermocoupler you will replace.



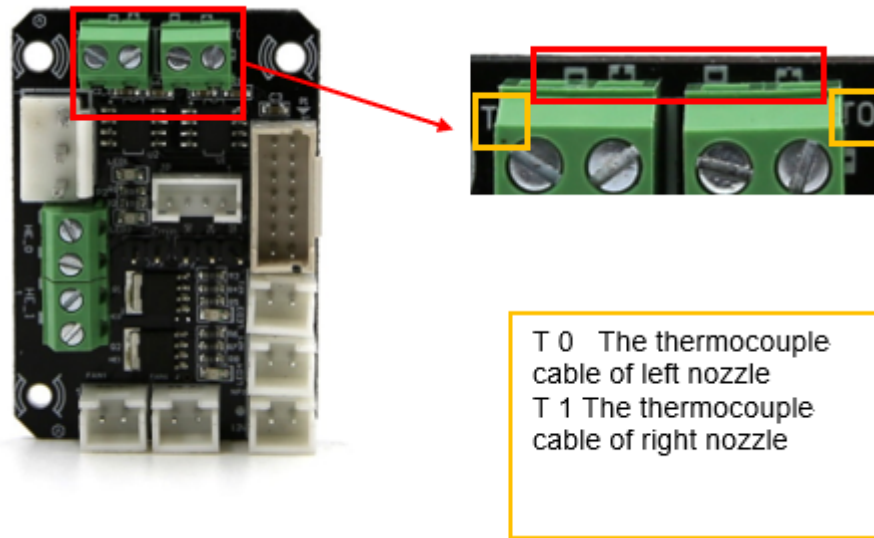
5. Remove the thermocoupler from hotend

Loosen the set screws inside the heating block, then loosen the screw on the collet to remove the hotend assembly.



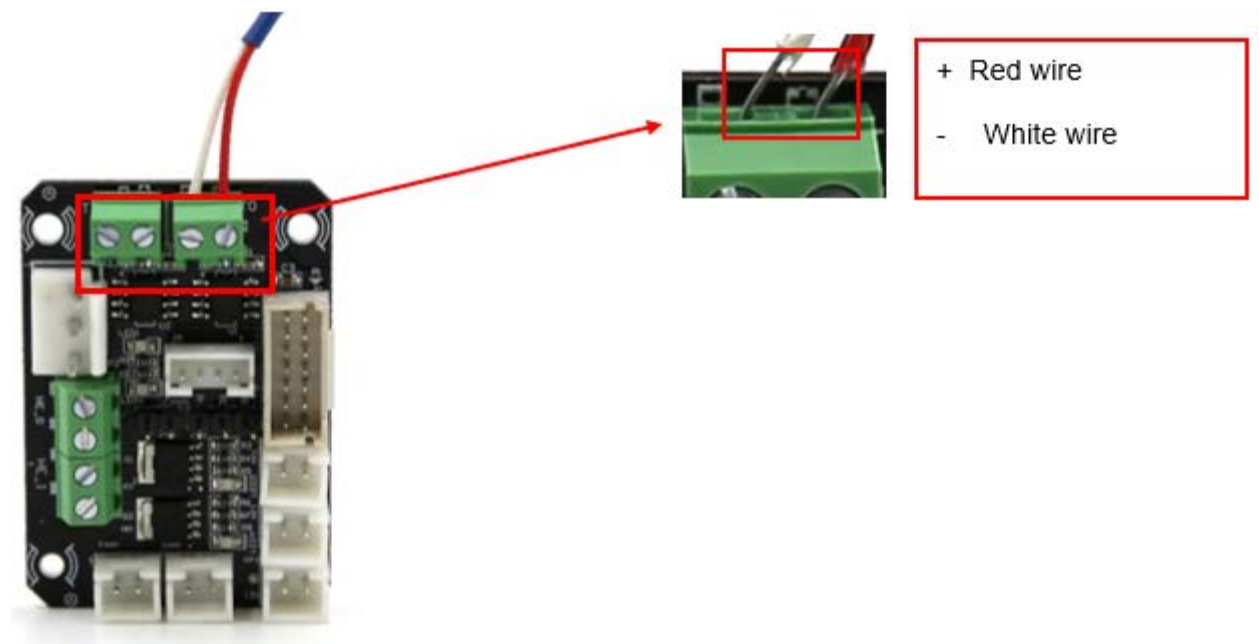
Remove Thermocoupler cable from extruder connection board with a flat head screw driver. Use a 2.5mm wrench to remove the two screws on the Extruder connecting board.



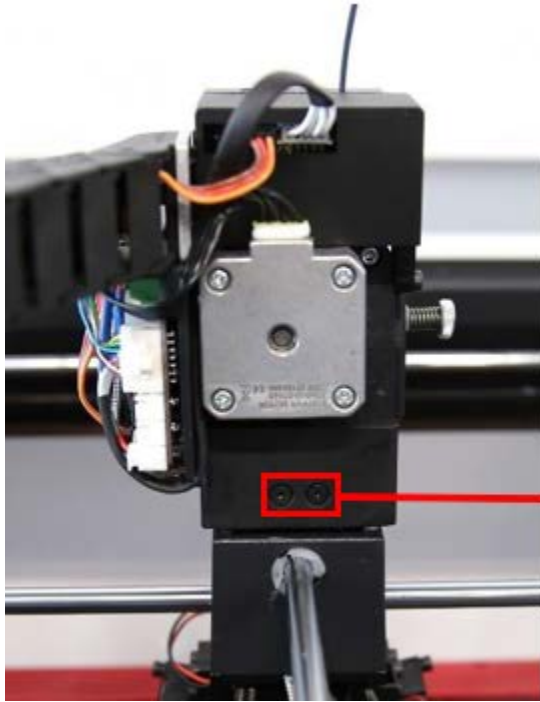


Shown as the following picture:

Loosen two screws that hold the wires for the Thermocoupler (being replaced) with a flat head screw driver.



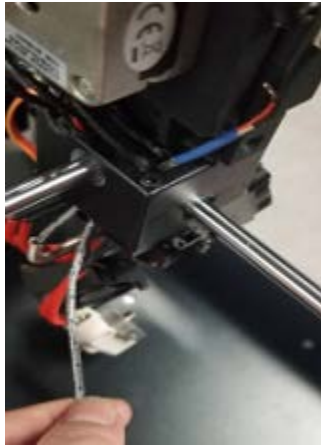
Remove the two fixing screws from the wire protection and take the cover off.



Cut the zip ties holding wires.

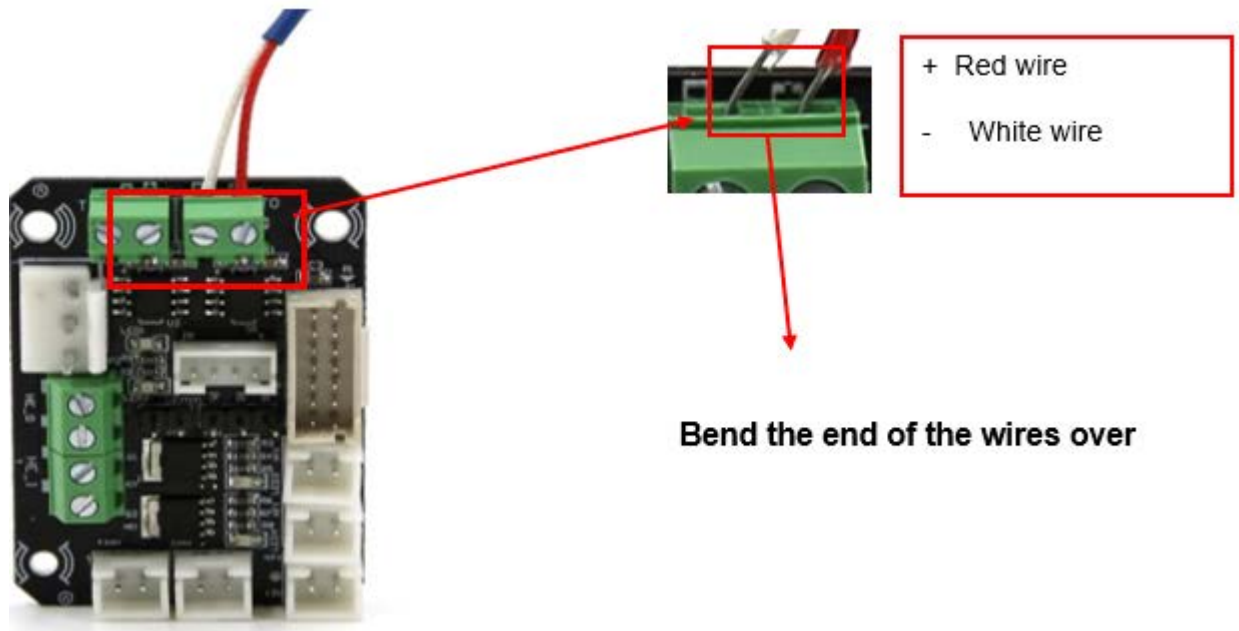


Pull the Thermocoupler wire out from the extruder carrier.



6. Install the new Thermocoupler

Insert the cables of the Thermocoupler through the block at the back of the print head into the terminal and use flat head screwdriver to tighten the screws. Ensure there are no exposed wires touching or it may do harm to the printer.



7. Final

Bind the wires together with zip ties and re-install the cord cover.



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-END-