



RAISE3D

Hot End Silicon Cover

Installation Guide - **N1**



Installation Guide of Hot End Silicon Cover

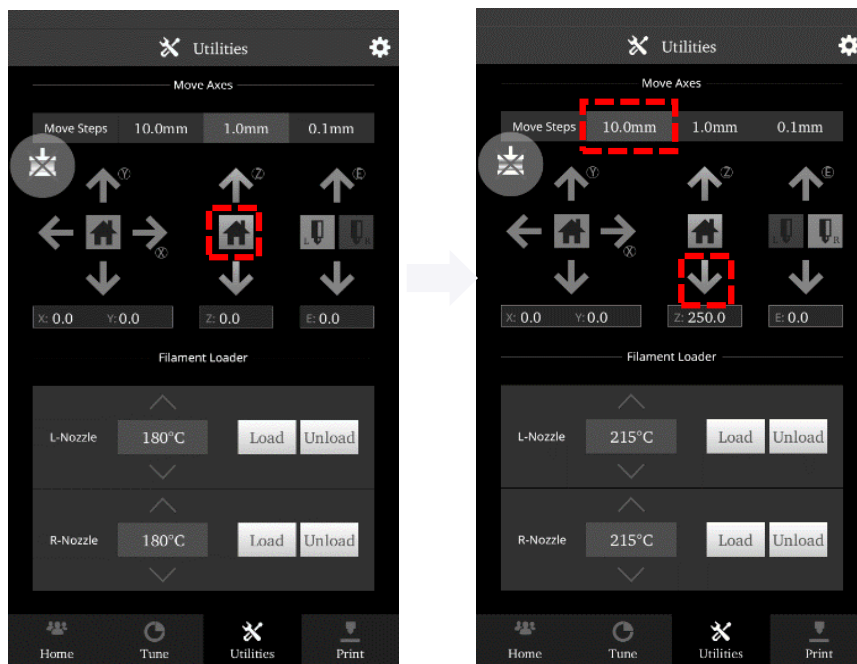
Contents:



Hot End Silicone Cover (3 pcs)

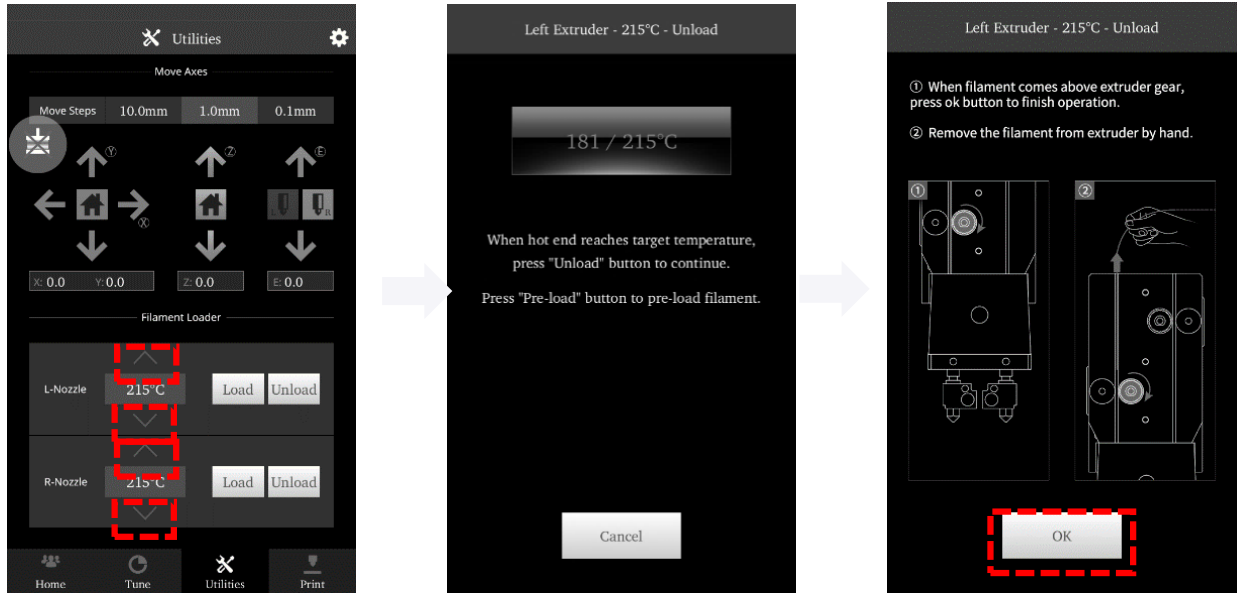
Step 1: Drop the build plate

Home the build plate. Select 10.0mm interval, then drop the build plate to 250mm.



Step 2: Unload filament

Set the temperature to unload the filament from both extruders (recommend set the target temperature 5-10°C higher than its common printing temperature). After the unloading process is complete, remove the filament from the extruder.



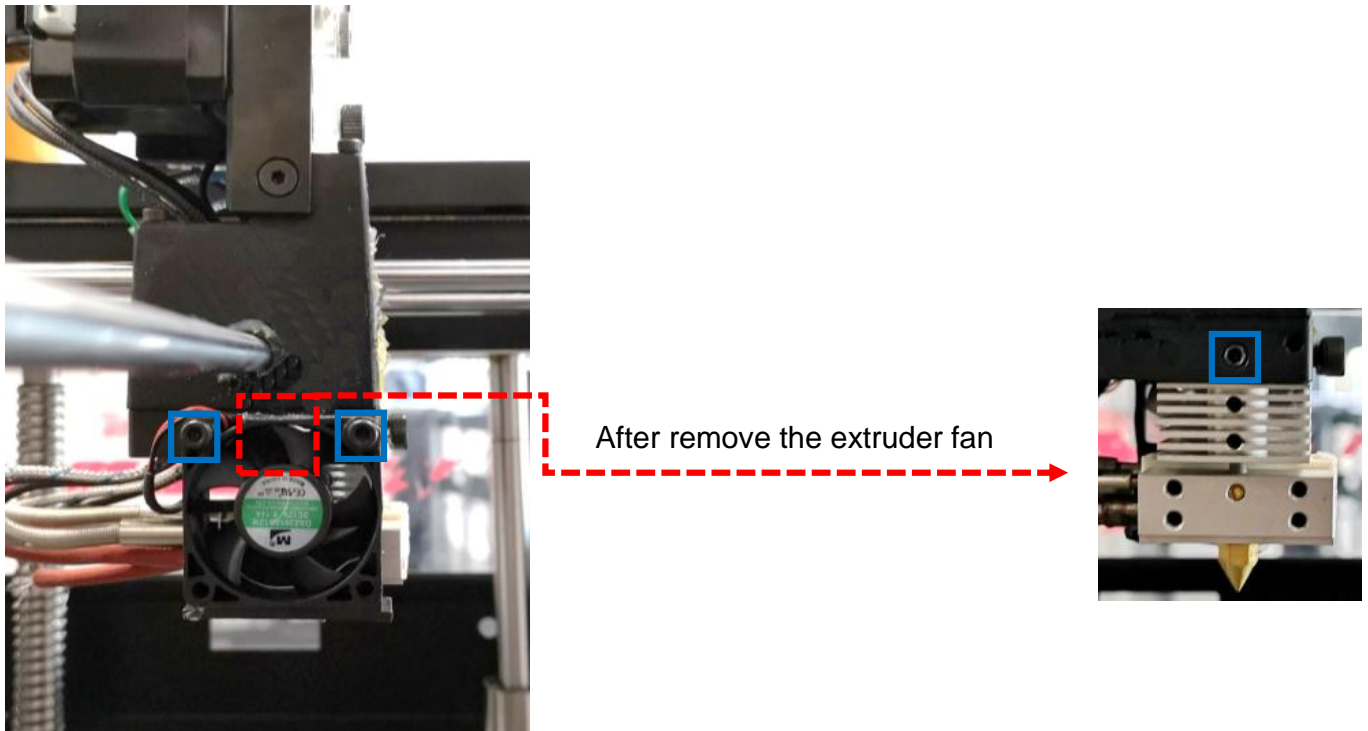
Step 3: Cool down

From the Home page. Set the nozzle temperature to 0. Wait until the temperature of extruders drop to ambient temperature to avoid high temperature injuries to hands.

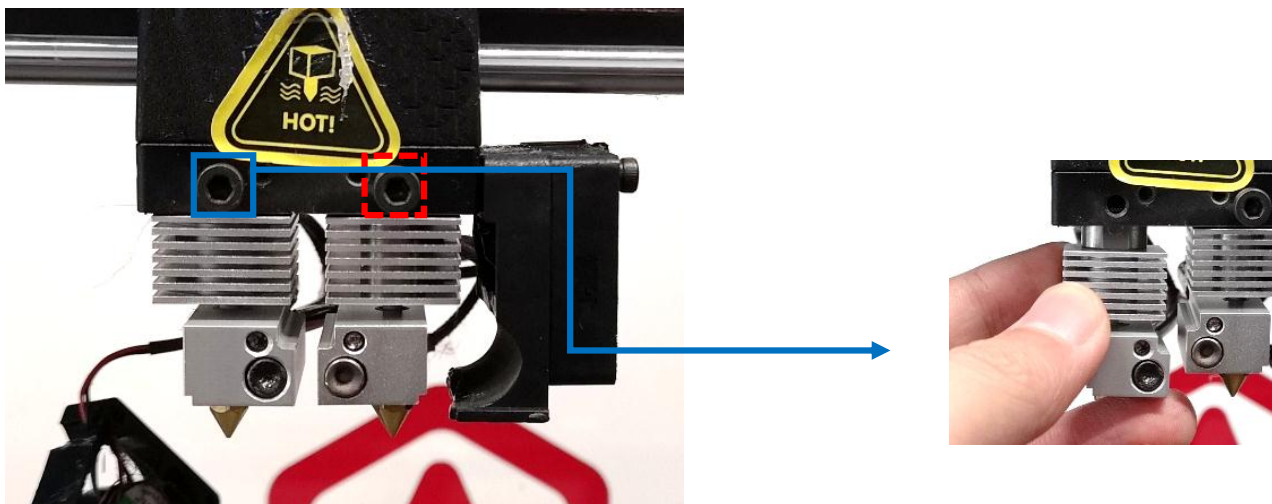


Step 4: Remove the Hot-end

Use a 2.5mm hex wrench to unscrew the 2 fix screws of the extruder fan. Then use 2mm hex wrench to loosen the set screw on the side of the extruder carriage.



Loosen the screw marked in left image and remove the hot-end as shown in right image.

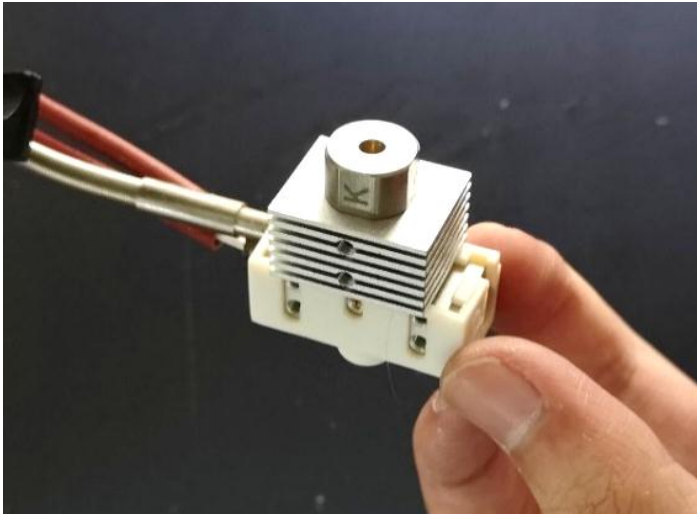


Note: The screw marked in blue fixes left hot-end.
The screw marked in red fixes right hot-end.



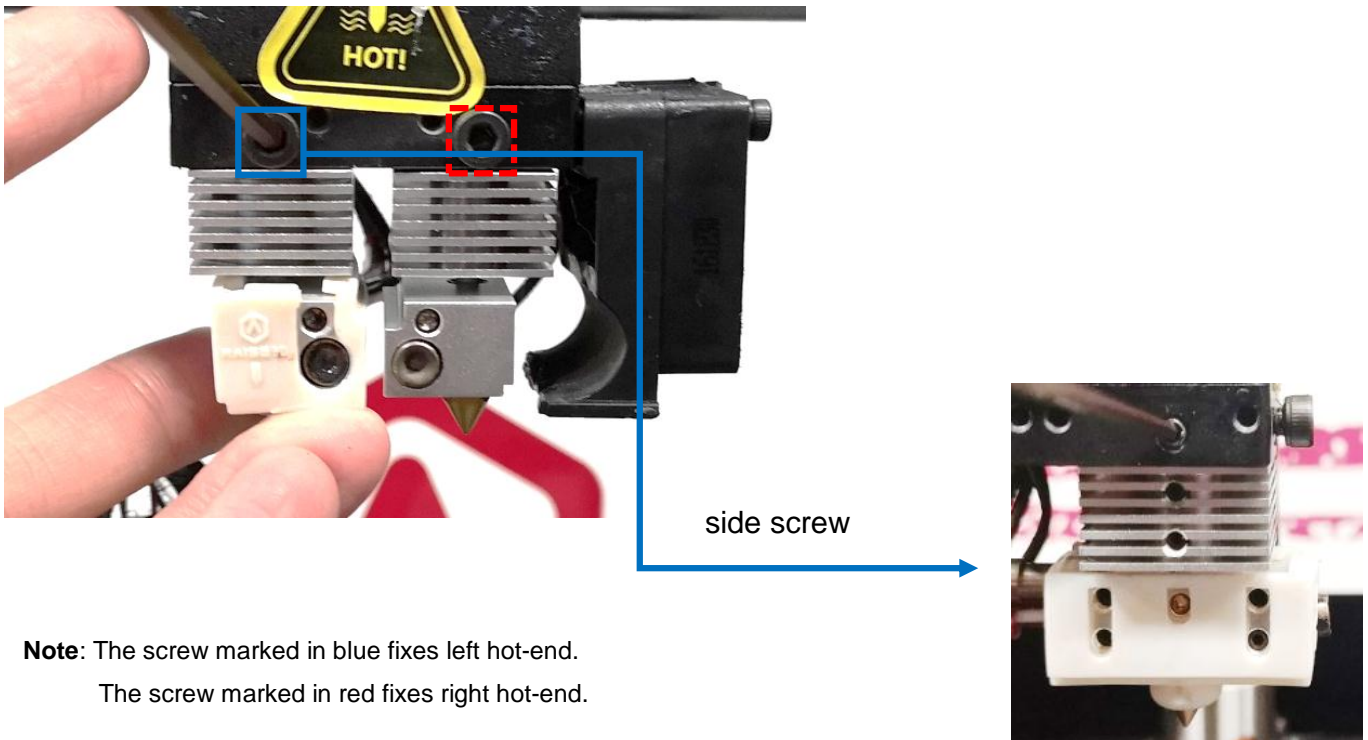
Step 5: Install the Hot End Silicone Cover

Install the Hot End Silicon Cover onto the heating block.



Step 6: Install the Hot-end

Install the hot-end and tighten the cap screws in the left image and grub screw(s) in the right image.

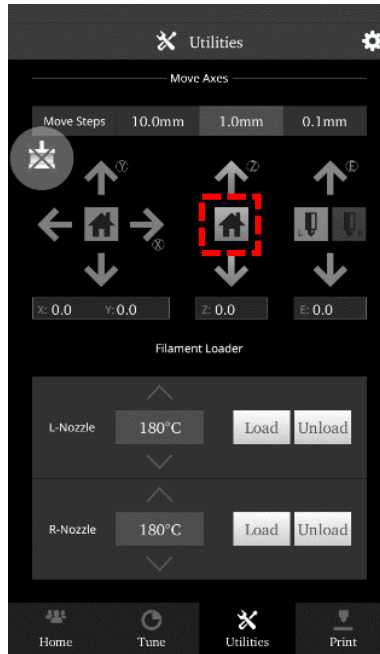


Note: The screw marked in blue fixes left hot-end.
The screw marked in red fixes right hot-end.



Step 7: Nozzle Height Calibration

Go to Utilities tab on the touchscreen and choose the XY home icon, then Z home to bring the extruder and build plate to their home position.



Disable the motor with the 'Motor Disable' button as marked in image 01. Then move the extruder to center position manually.

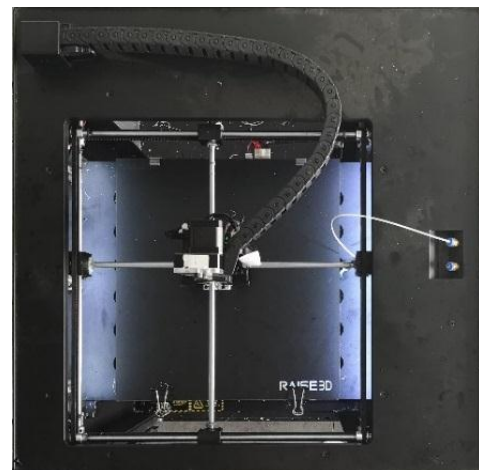
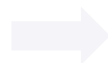
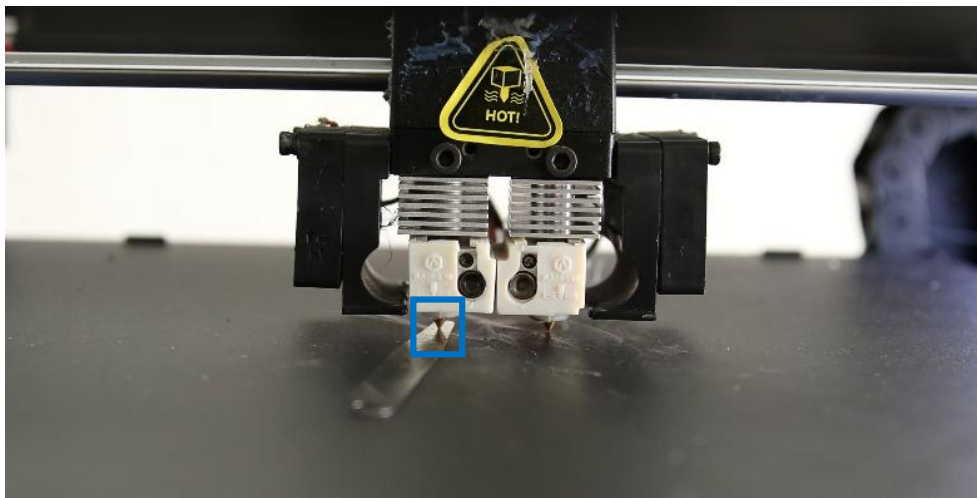


Image 01



Check the gap between the nozzle and build plate with the feeler gauge.



Adjust the Z limit screw to adjust the trigger height in the home position. Home the Z-axis and check the gap with feeler gauge one more time until you feel resistance when passing it.

