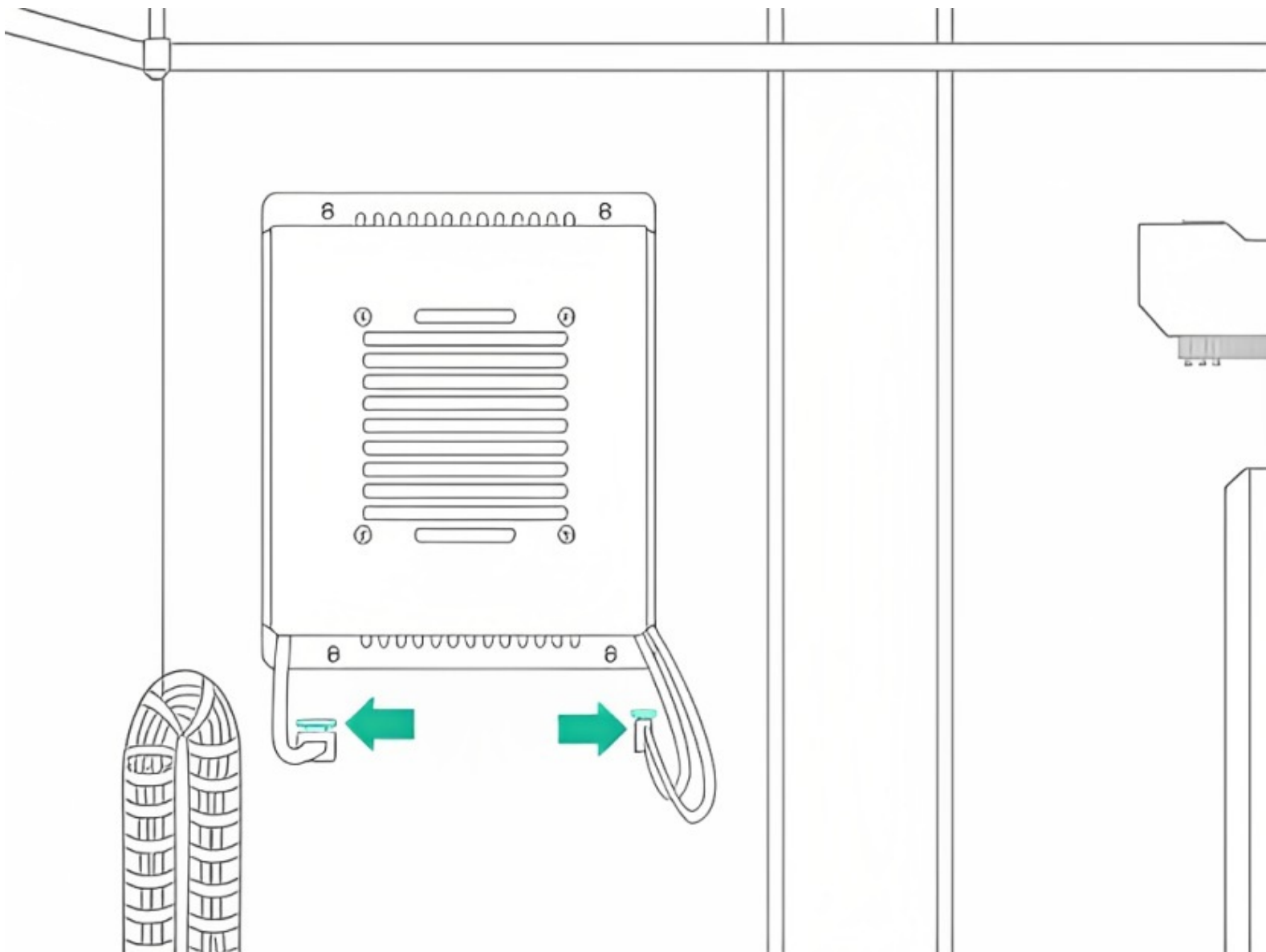




Heater Installation (HT)

How to install chamber heater inside Element printer to support high temperature printing (Element HT upgrade)

Written By: Mosaic Support



INTRODUCTION

In this guide you will learn how to:

- Install the heater module inside an Element printer for high temperature printing

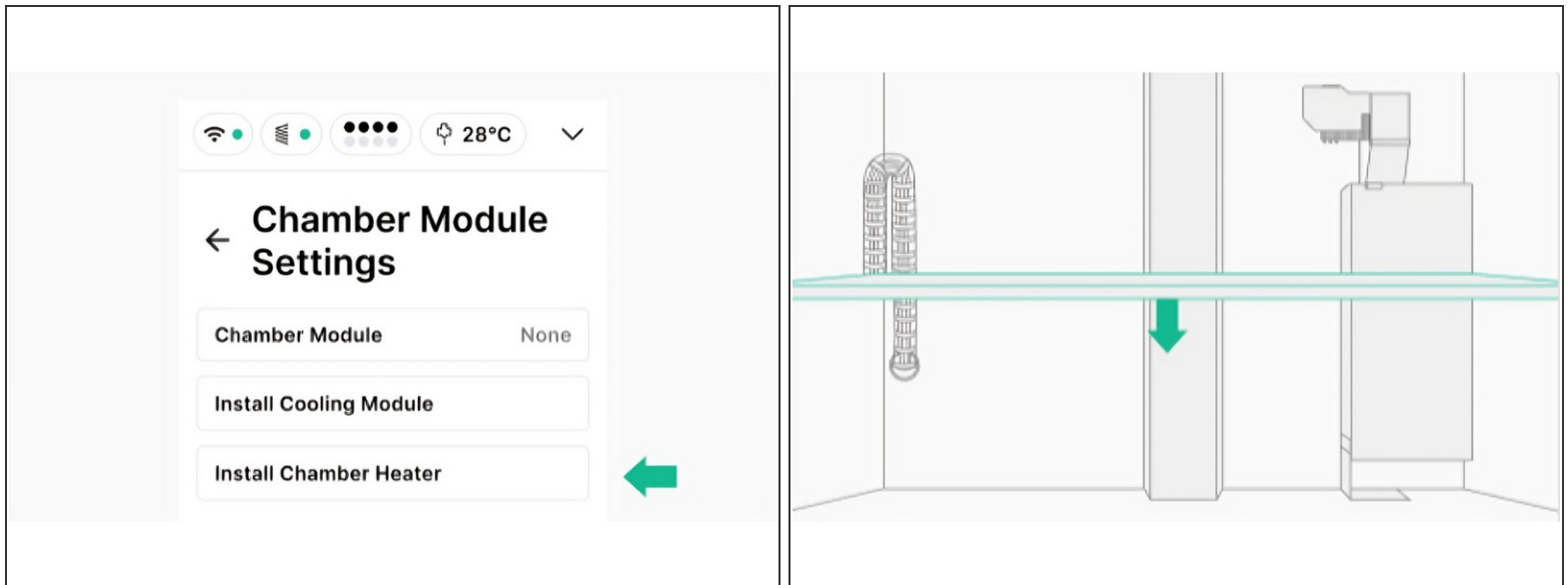
The heater module can remain installed when switching between LT and HT printheads.



TOOLS:

- [2.5 mm Hex Key](#) (1)
-

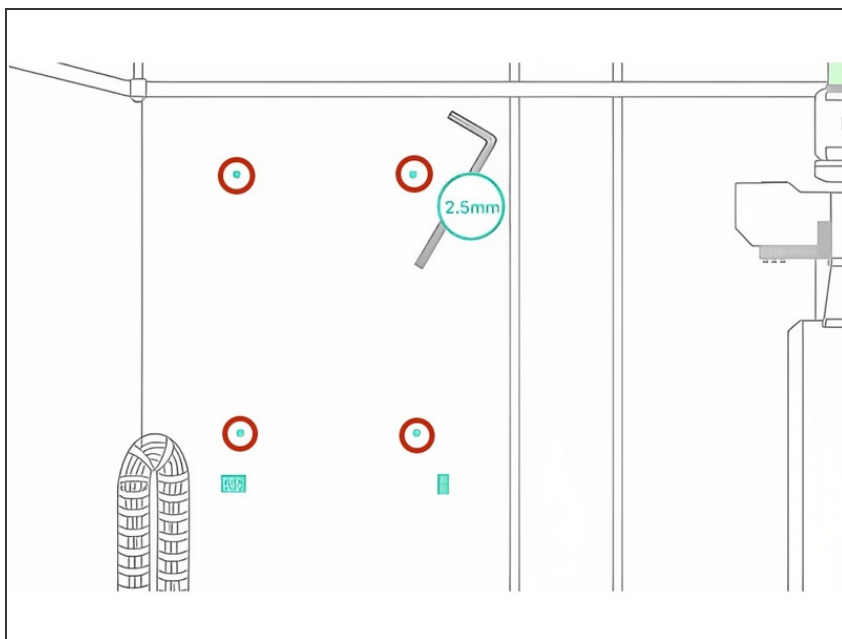
Step 1 — Start Installation Workflow



- On the screen, navigate to *Controls > Configurations > Chamber Module Settings*. Start the *Install Chamber Heater* workflow
- Lower the bed to the bottom of Element

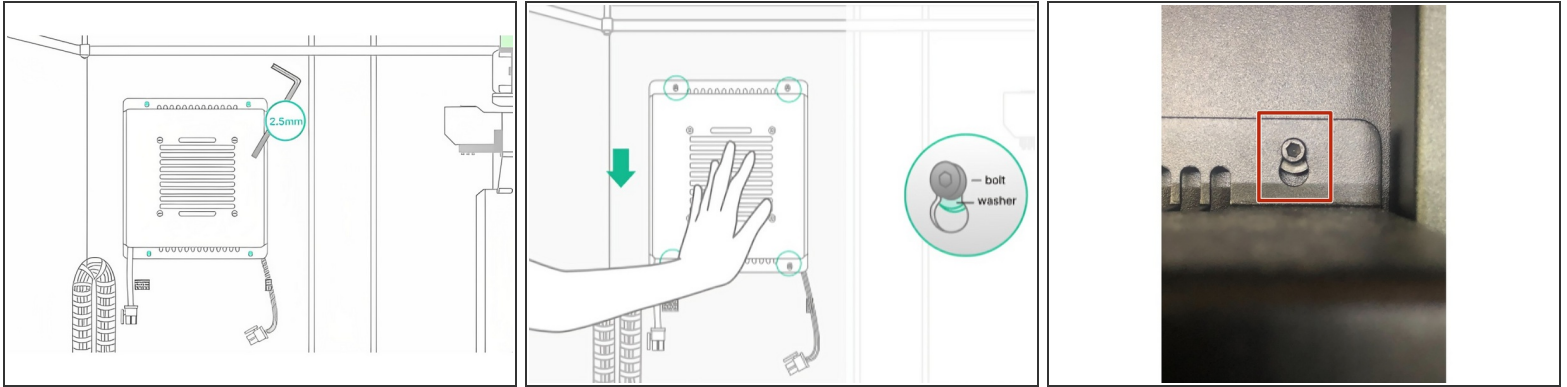
⚠ Please do not put any weight/lean on the bed assembly

Step 2 — Loosen Bolts Inside Chamber



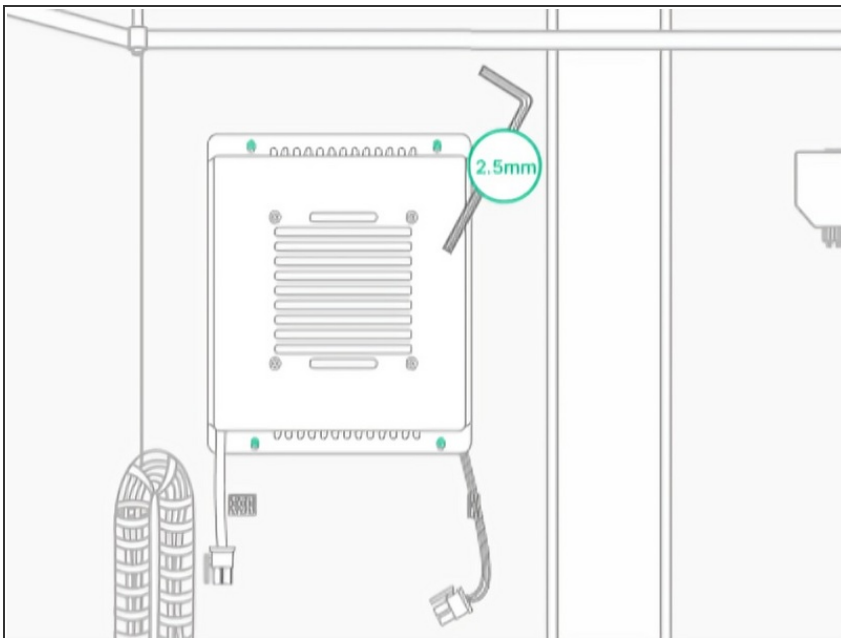
- Loosen (but do not fully remove) the 4 bolts at the back of the chamber. Ensure the washers remain in place

Step 3 — Install Heater



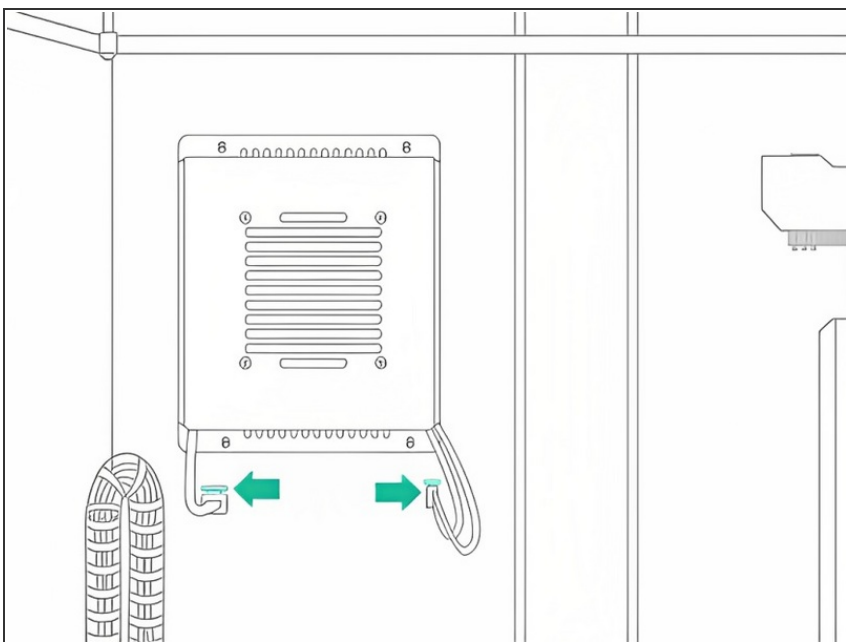
- Position the heater's slots over the 4 bolts, and slide down to secure them in place, with the washers **behind** the heater
- Ensure the washers positioned between the Chamber Heater sheet metal and the metal stand off on Element
- ① If the Chamber Heater is difficult to install, and does not slide down into place, ensure the screws are loose enough

Step 4 — Tighten Bolts



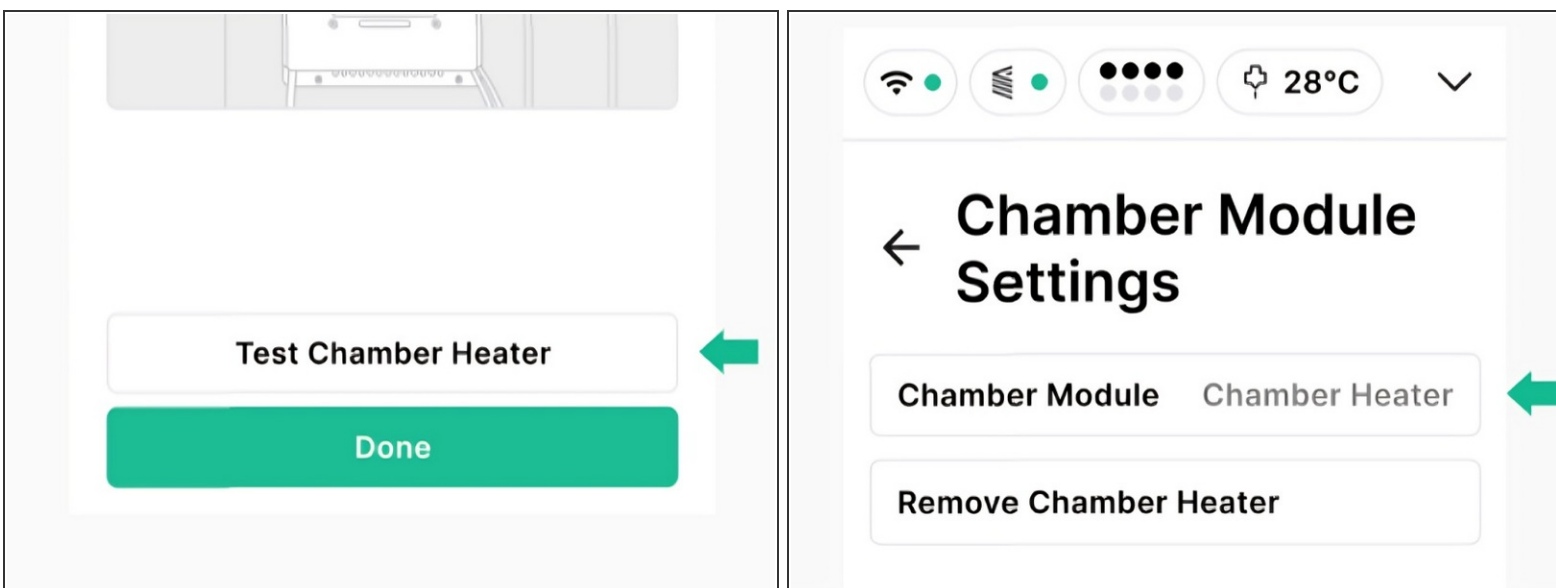
- Tighten the 4 bolts using the 2.5mm Hex/Allan key
- ① Avoid over-tightening these bolts

Step 5 — Wiring



- There is a cable on the left for the heater (6-pin connector) and one on the right for the fan (2-pin connector). Plug in each cable to their respective connector
- The connectors will click properly when installed. The clip on the end of the cable will face upwards when inserted

Step 6 — Test Chamber Heater



- To test that the chamber heater is properly installed, press 'Start Chamber Heater Test' at the end of the installation
- Navigate to *Controls > Configurations > Chamber Heating Settings* and make sure that the Chamber Heater is displayed

If you have any additional questions, please send us a message at support@mosaicmfg.com