



Snap Disc Installation

Guide for replacing the Snap Disc in your Element HT

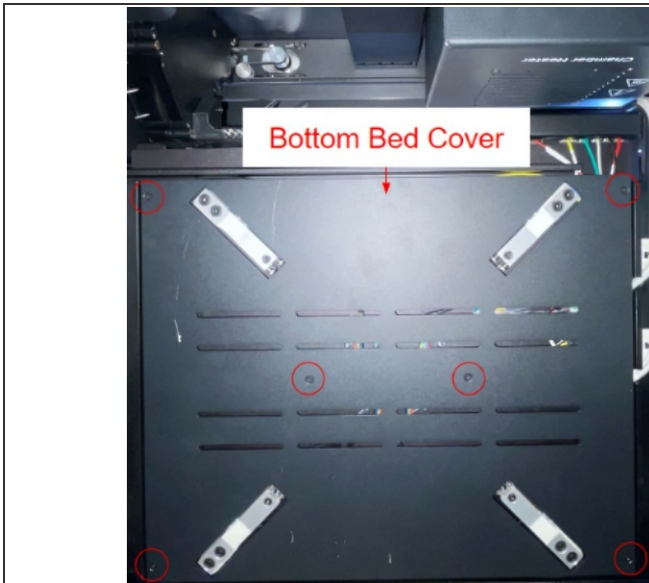
Written By: Guy Elston

Step 1 — Video



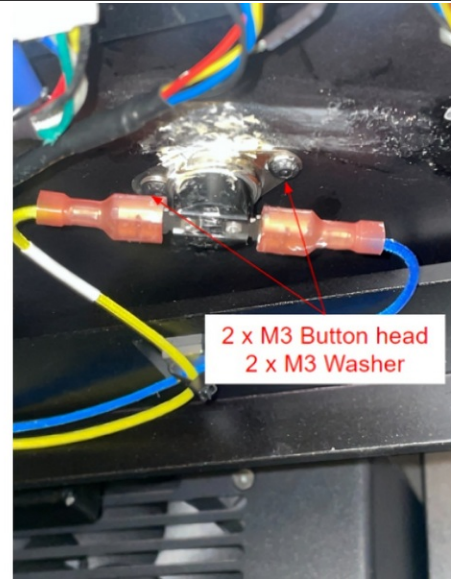
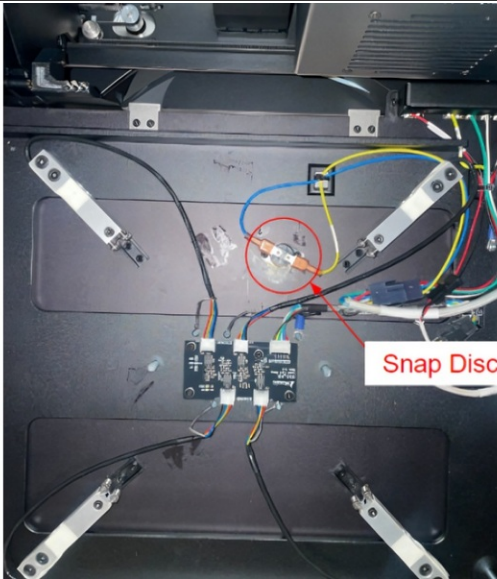
- Continue through the guide for detailed steps

Step 2 — Remove Bottom Bed Cover



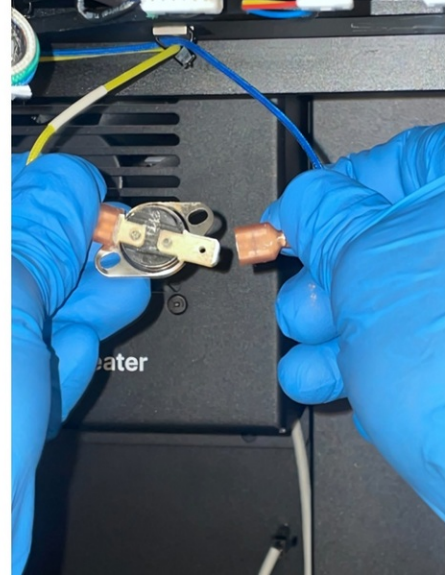
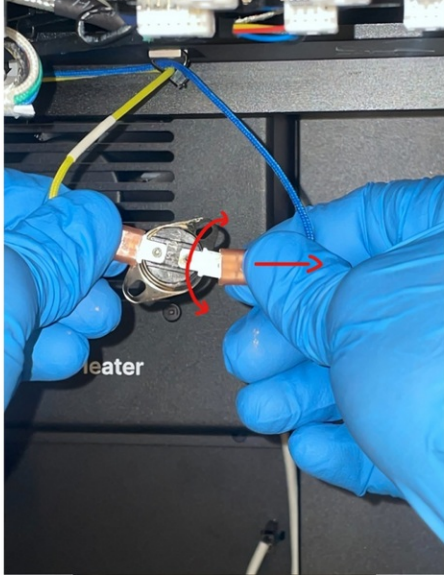
- Home the print bed under *Controls > Printer*. Turn Element off using the switch at the back of the printer
- Using a 2mm Hex/Allan tool, remove 6 x M3 flatheads from the bottom cover, as highlighted in the image
- ① Use the flashlight provided in the Snap Disc kit as a light source

Step 3 — Remove Snap Disc



- Remove 2 x M3 button heads and 2 x M3 washers that are used to install the Snap Disc

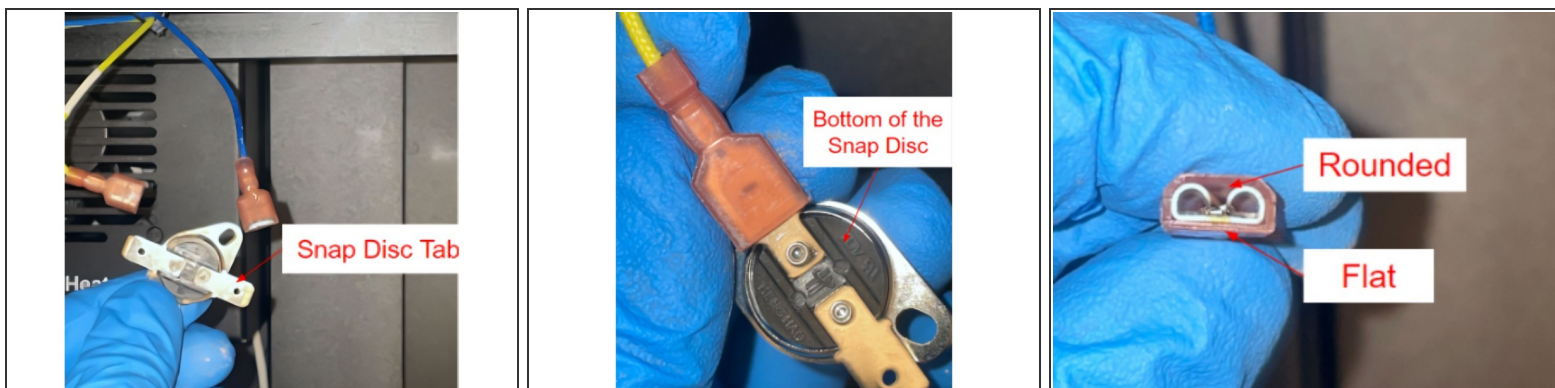
Step 4 — Disconnect Cables from Snap Disc



⚠ Wear disposable gloves provided in Snap Disc kit to avoid contact with thermal paste. May cause mild irritation to skin.

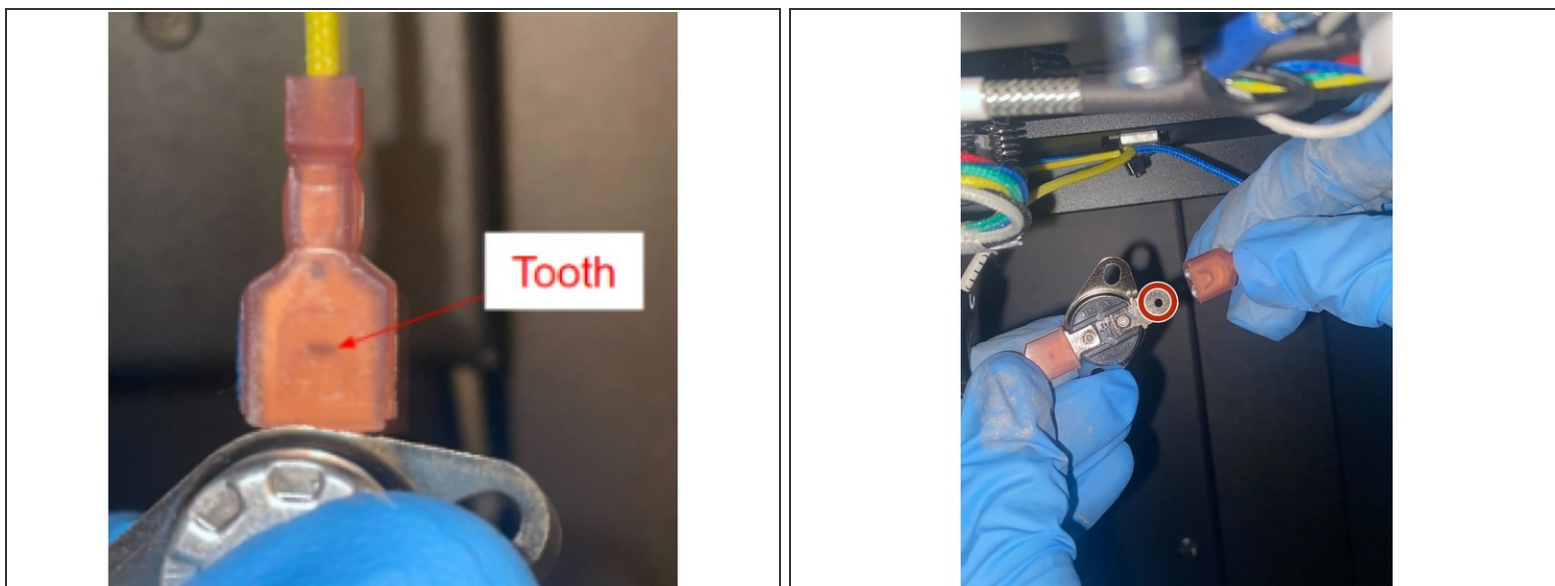
- Remove one connector from the Snap Disc by lightly shifting the connector up and down while tugging away from the Snap Disc
- Repeat for the second cable connector
- Let both cables dangle and set aside Snap Disc

Step 5 — Connect New Snap Disc



- Insert one connector onto the new Snap Disc tab, ensuring the flat side is facing the bottom of the Snap Disc
- ① The Snap Disc connector has a tooth which mechanically snaps into the hole on the Snap Disc tab
- Repeat for the other connector

Step 6 — Validate Connection



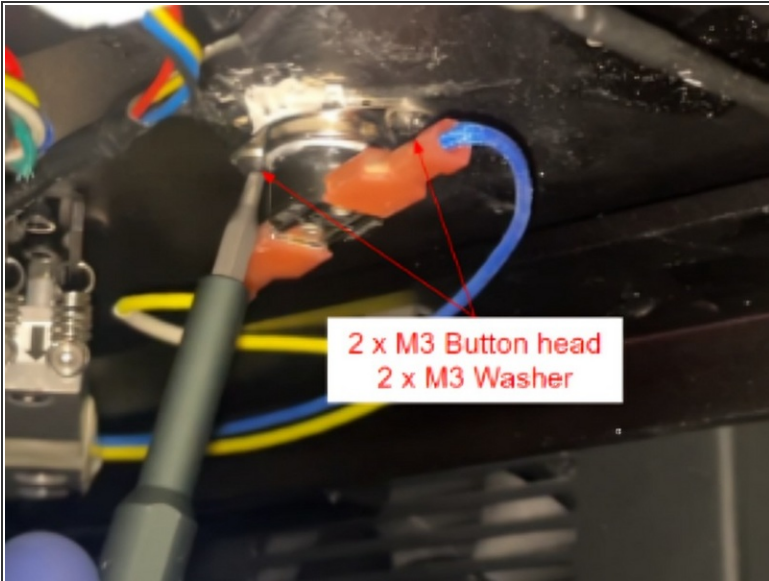
- The tooth on the connector should "snap" into place in the hole on the Snap Disc tab
- Tug lightly on the cable, the connection should remain intact

Step 7 — Clean Bed and Add Thermal Paste to Snap Disc



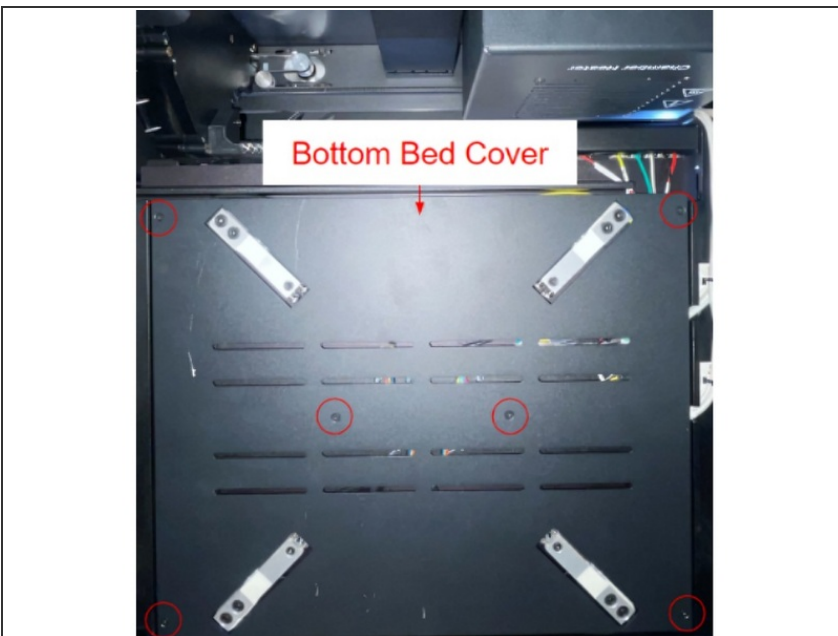
- Use the alcohol swab provided in the Snap Disc kit to clean the old thermal paste from the bed surface
 - Add thermal paste to the newly connected Snap Disc
- ⚠ Thermal paste should cover the red ring as indicated

Step 8 — Fasten the Snap Disc



- Fasten the Snap Disc back into its original position using the 2 x M3 buttonheads and 2 x M3 washers
- Validate that the cable path is the same as indicated with the red arrows

Step 9 — Reinstall Bottom Cover



- Align the bottom cover as seen in the image
- Install 6 x M3 flathead bolts to the bottom bed cover

Step 10 — Heat Printer to Validate Fix



- Power Element on, and go to *Controls > Temperature*
- Set Bed to 120C and Chamber to 80C. Wait for printer to get up to set temperature - this may take up to 90 minutes
- Allow the printer to remain at the set temperature for another 90 minutes
- Turn off the Bed and Chamber temperature. If the printer begins to cool down, the installation was successful