

# Nozzle Cleaning

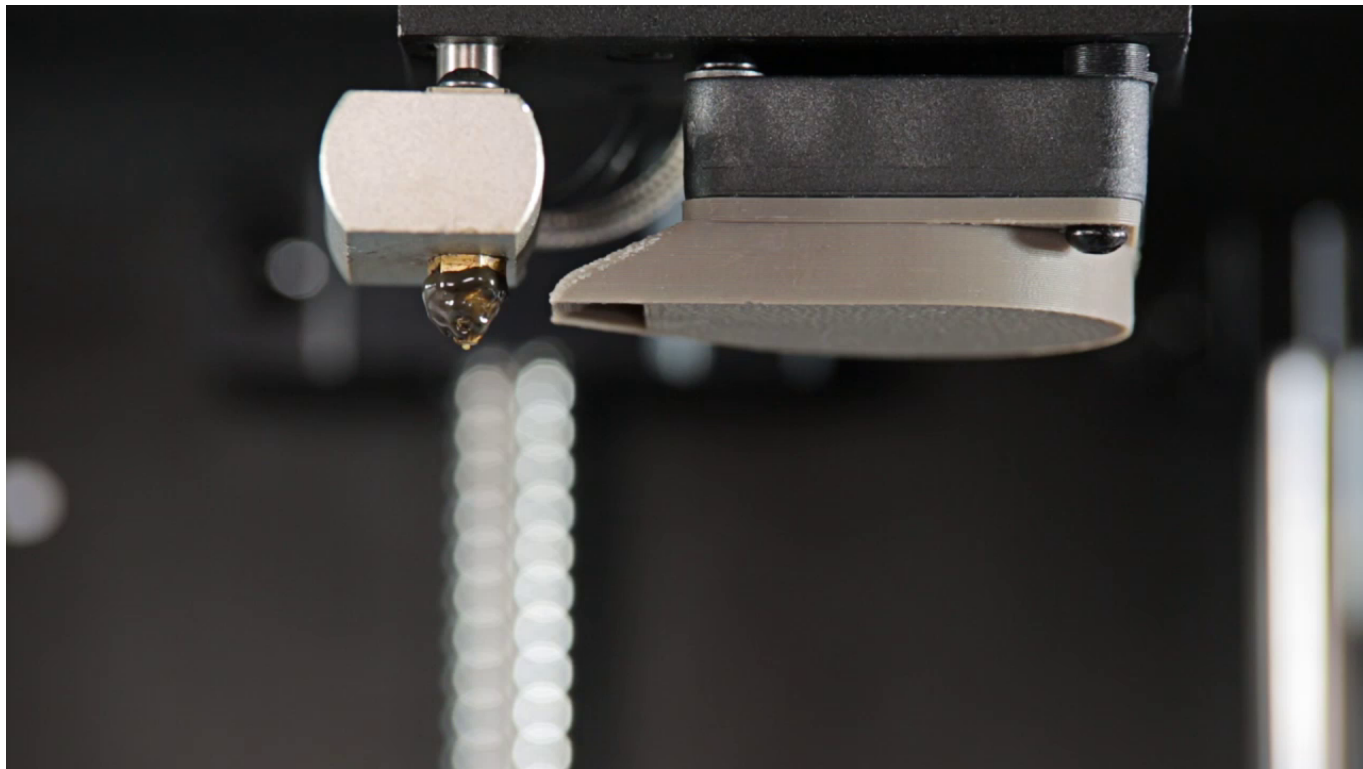
SOURCE:

<https://support.zortrax.com/nozzle-cleaning/>

## Table Of Contents

Scrubbing the Nozzle  
Unclogging the Nozzle  
Unloading the Material  
Nozzle Removal  
Unplugging the Power Cable  
Cleaning the Nozzle  
Removing the Nozzle from the Container  
Nozzle Assembly

## Scrubbing the Nozzle



Take the spatula from the Starter Kit and gently scrub the nozzle to remove material remains.

## Unclogging the Nozzle



From the menu choose “Material” and then “Load the material” option. Follow the instructions displayed on the screen.

Use the pliers from the Starter Kit to hold a needle. As soon as the printer starts to load the material, insert the end of the needle into the nozzle to unclog it.

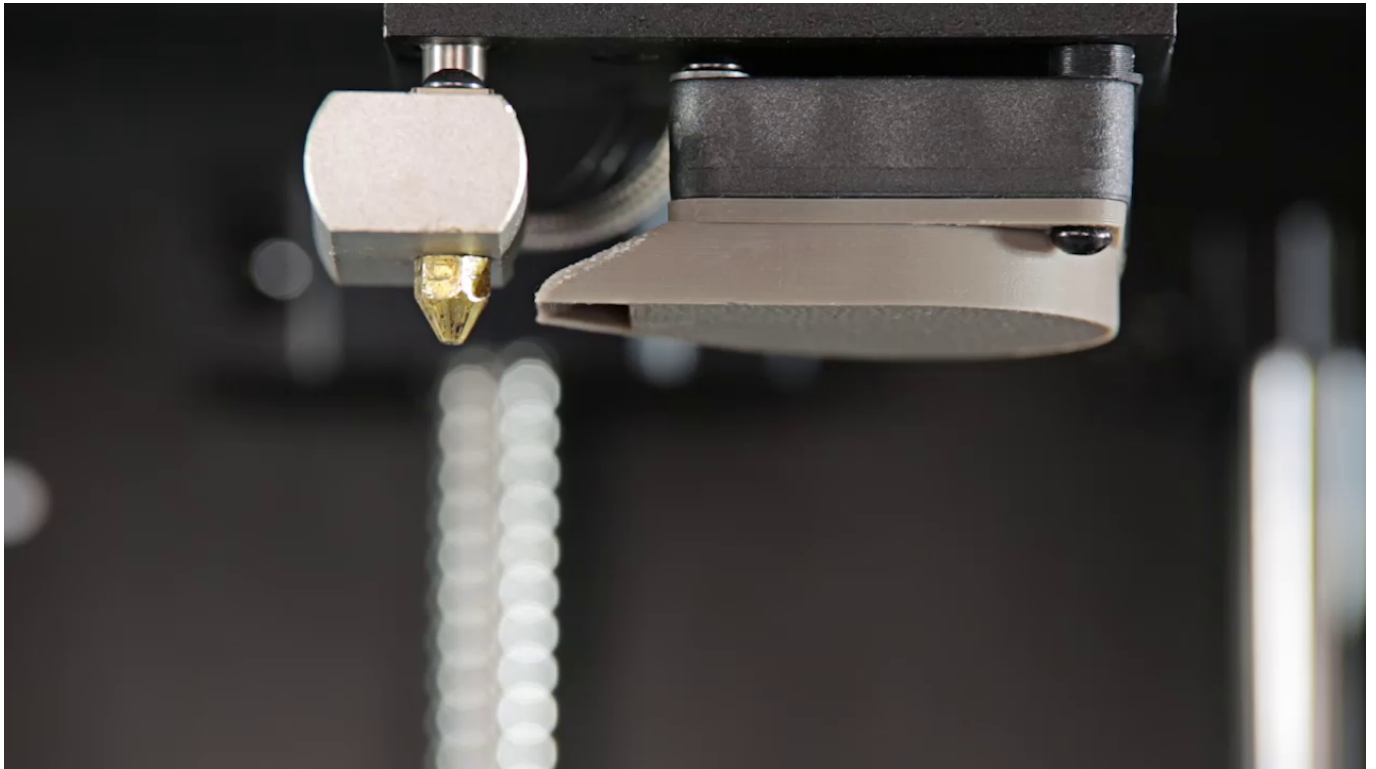
If that doesn't help, follow the rest of the steps from this manual.

## Unloading the Material



From the menu choose “Material” and then “Unload the material” option. The extruder should start to heat up automatically. Once the extruder is hot, the motor will start to unload the material.

## Nozzle Removal



Unscrew the nozzle counterclockwise (when viewed from below). Use the nozzle key from the Starter Kit box. Removing the nozzle should take place while the extruder is still hot. When the nozzle is loose, remove it using pliers.



## Unplugging the Power Cable



Turn off the printer and unplug the power cable. Wait about 15 minutes and let the machine cool down.

## Cleaning the Nozzle



If you were printing with Z?GLASS / Z?PETG / Z?PCABS / Z-ESD, print a small-sized object using Z?ABS. This will help to extrude material remains from the nozzle.

Using the pliers, place the nozzle in a container filled with acetone.

Make sure that the nozzle is cold before you put it into the container.

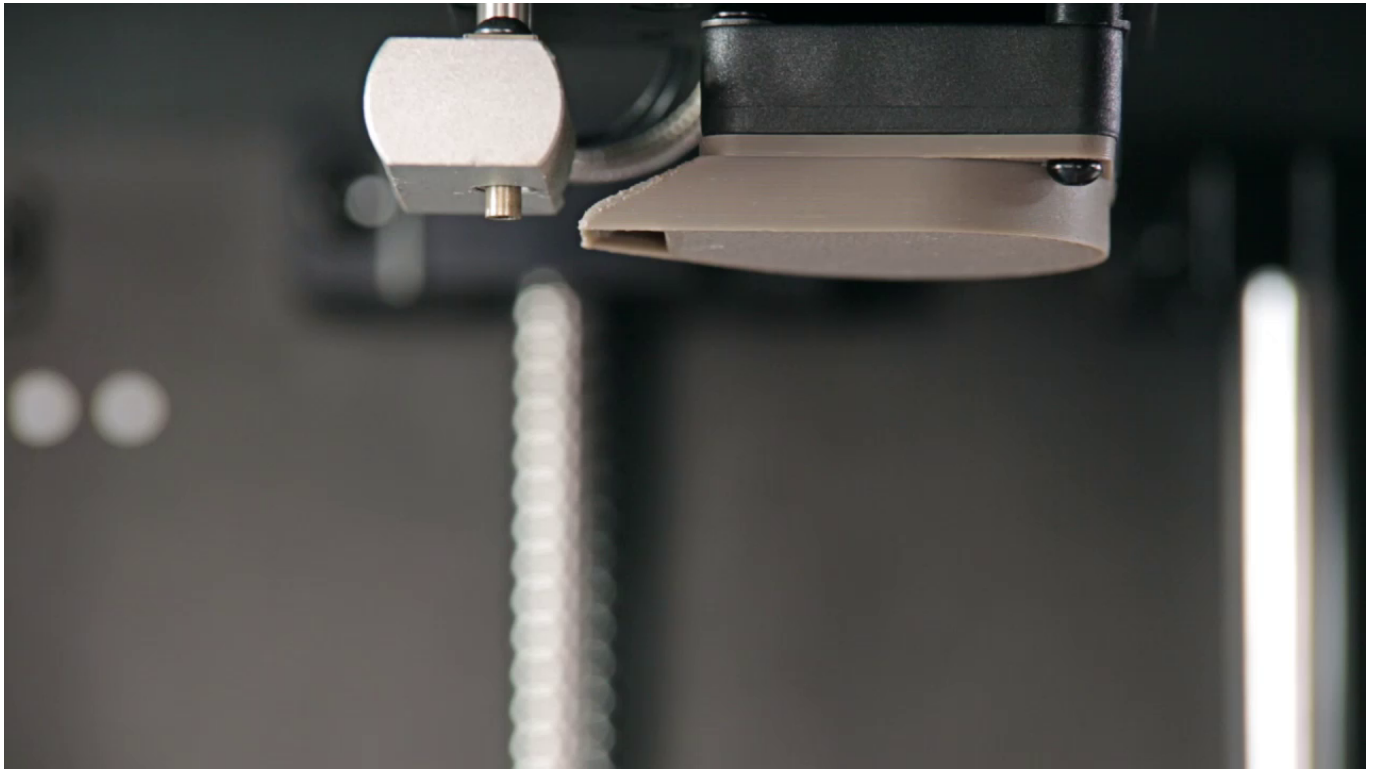


## Removing the Nozzle from the Container



After 8-10 hours take the nozzle out of the container with pliers.

## Nozzle Assembly



Install the nozzle in its place in the hotend and screw it in clockwise using the nozzle key (when viewed from below).

Screw in the nozzle gently; do not use too much force.