

Tips for Printing with Z-PLA Pro

SOURCE:

<https://support.zortrax.com/z-pla-pro-tips/>

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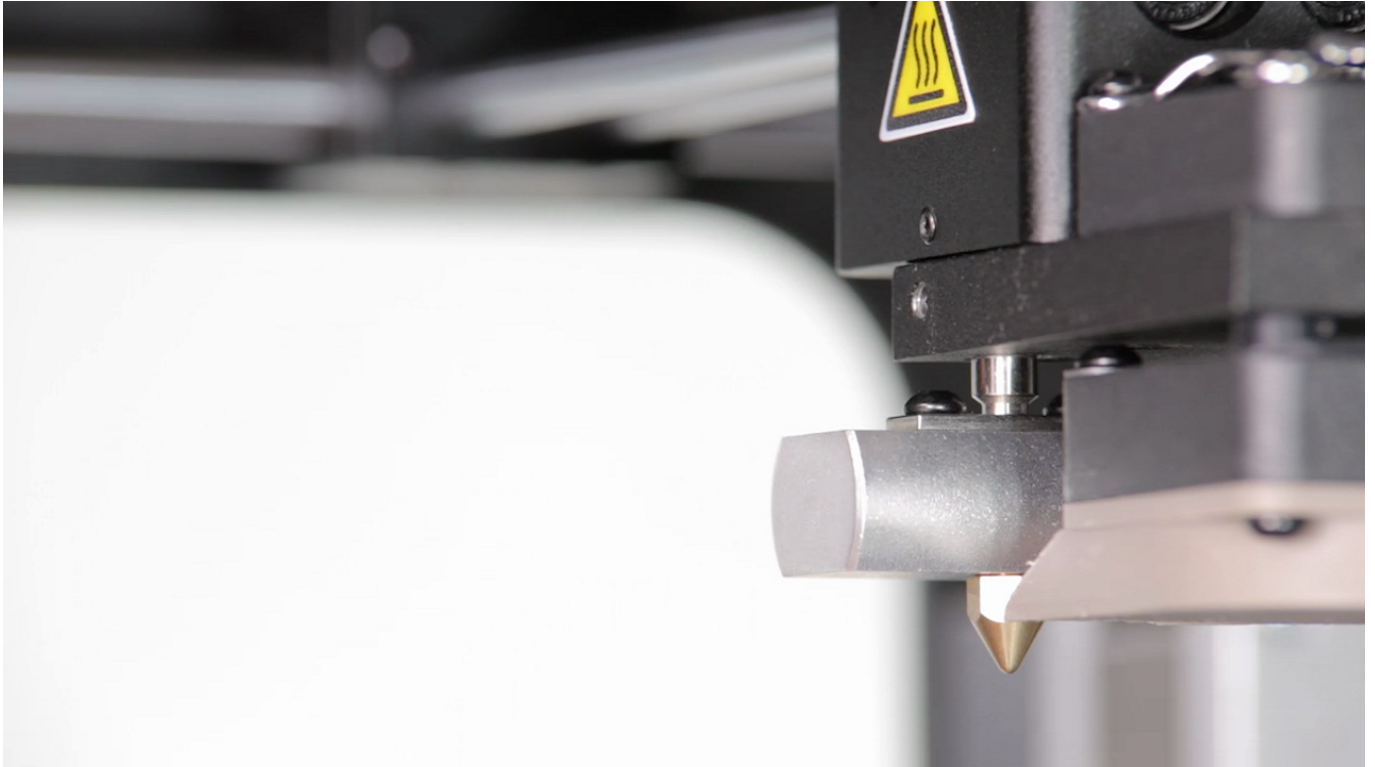
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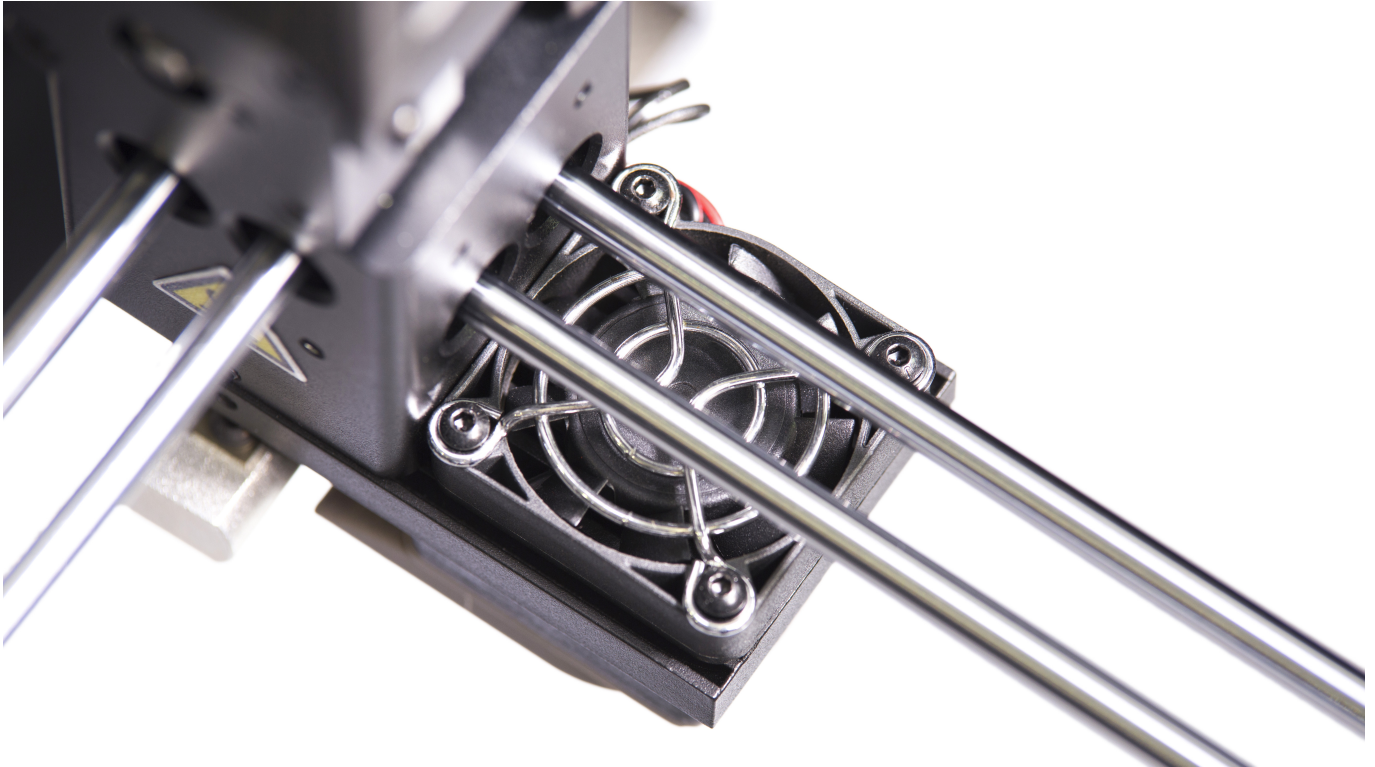
Hotend Requirements



Use a separate hotend that will be dedicated only for printing with Z-PLA Pro. The hotend should be new and not used with other materials during different projects.

Unload Z-PLA Pro from the hotend immediately after the printing process. Do not keep the overheated material loaded in the extruder to avoid material degradation in the nozzle.

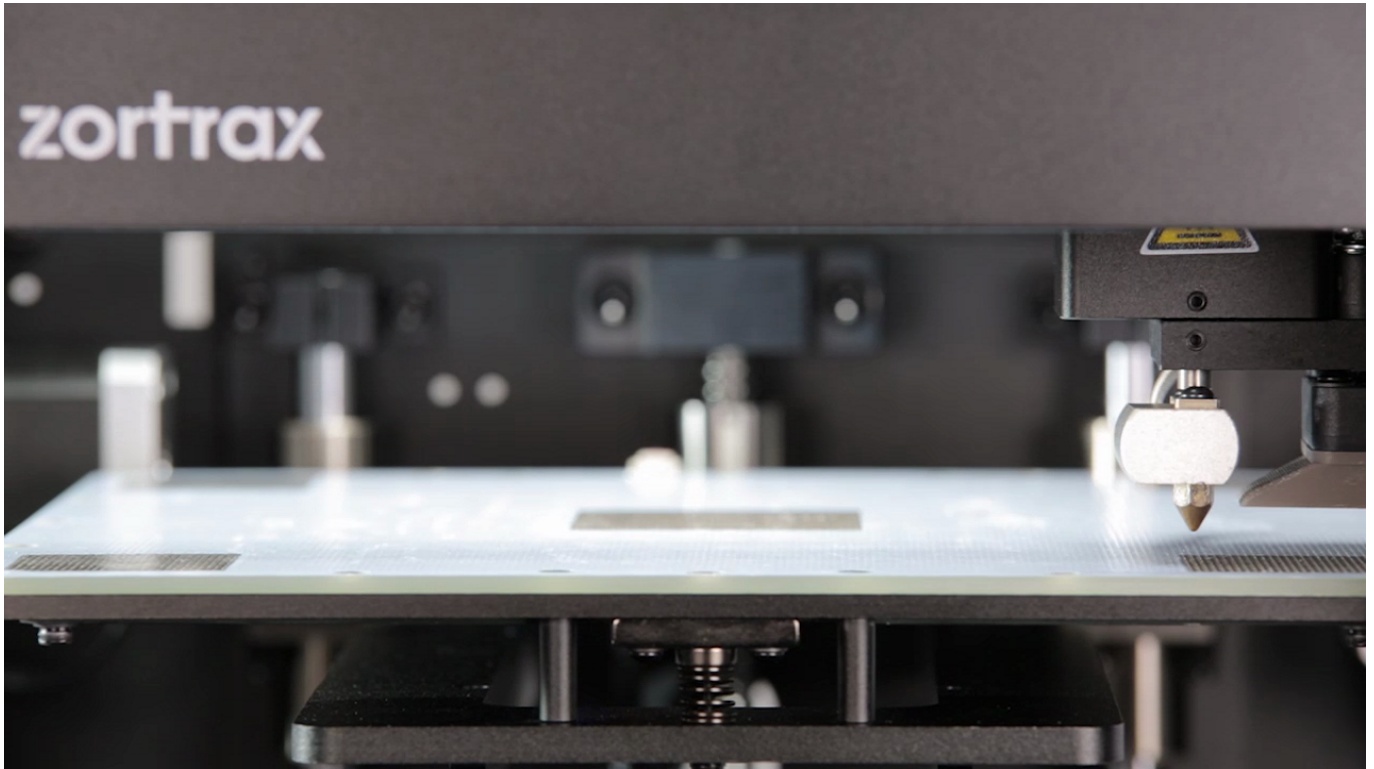
Extruder Upper Fan Operation



Check if the extruder upper fan is operating properly. A faulty fan can cause Z-PLA Pro to overheat which can have a negative influence on the printing process.

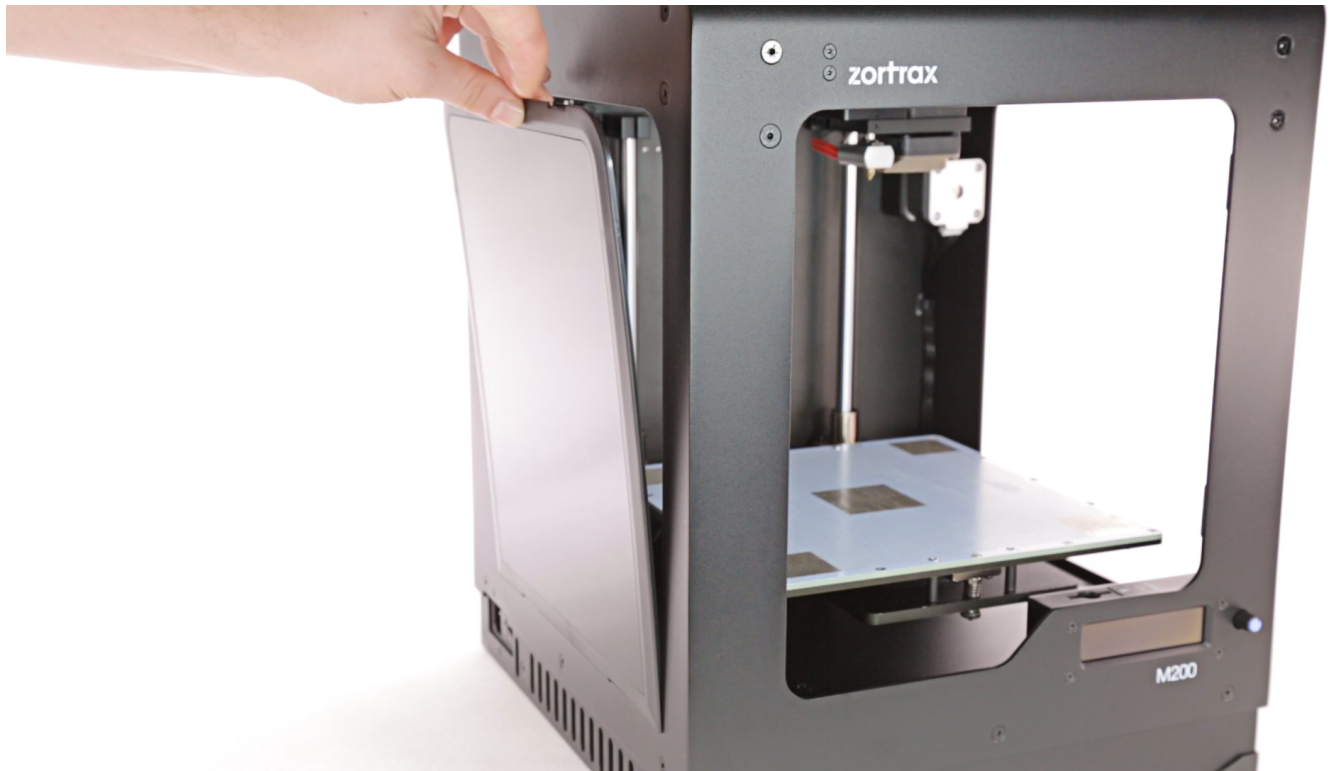
Also, use compressed air to clean the extruder upper fan and its heat sink from dust.

Platform Calibration Requirements



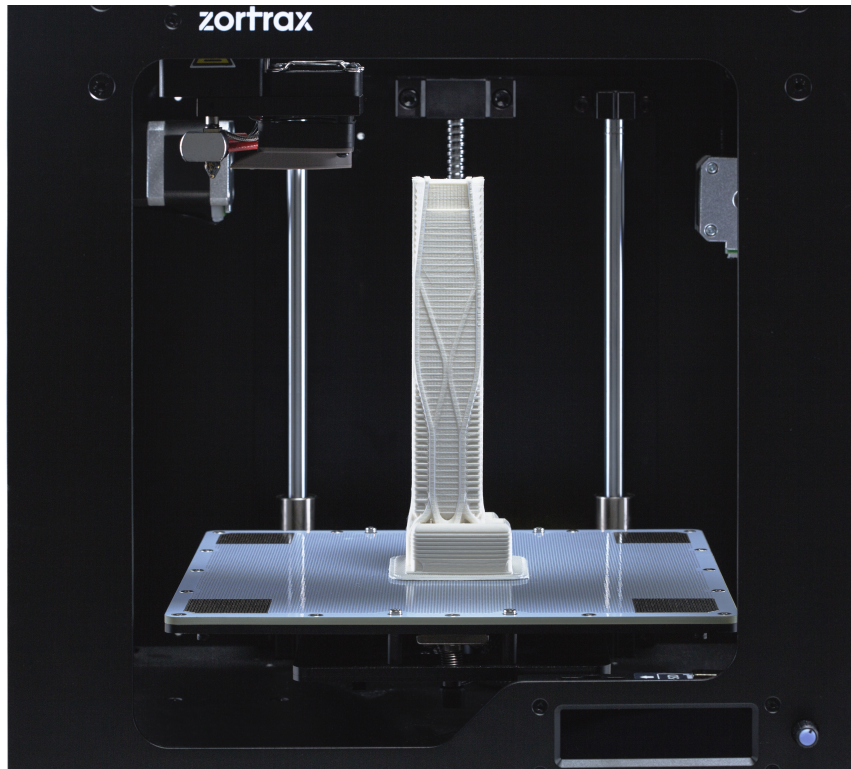
You should calibrate the platform before loading Z-PLA Pro into the hotend – the extruder needs to be empty during the procedure. The nozzle becomes very hot during the calibration and it could cause the material to overheat which can bring poor printing results.

Temperature Tips



Remove the side covers before using Z-PLA Pro. This material is sensitive to high temperatures so the recommended temperature in the print room is below 25° C [77° F].

Leaving the Model on the Platform



Once the printing process has been finished, leave the model on the platform for about 30 minutes to let it cool off. This will make it easier for you to remove your print from the platform. Also, you will be able to remove the raft and support structures from the model more easily.