

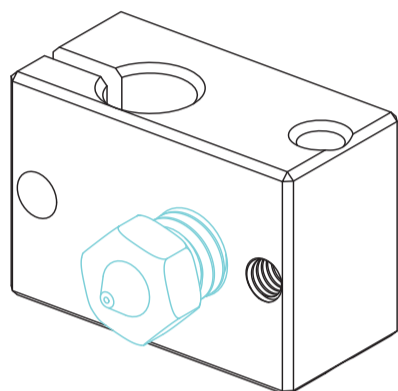
E3D V6

Created by Matt's Hub

Assembly Guide

Nine easy steps to leak-free printing

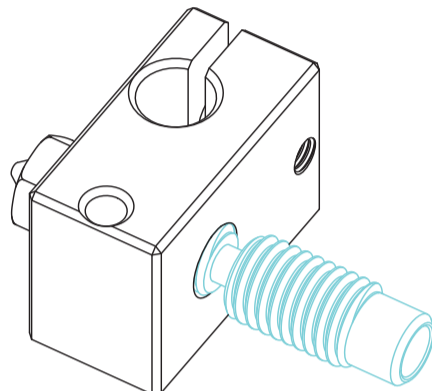
1



Insert nozzle

hand screw the nozzle all the way in to the heaterblock, then unscrew it by half a turn

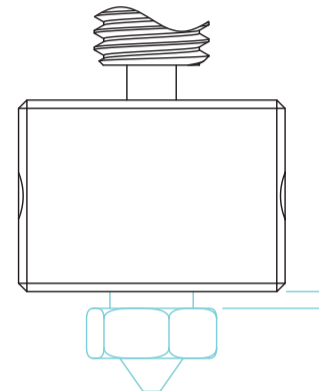
2



Insert heatbreak

screw in the heatbreak and hand tighten against the nozzle inside the heaterblock

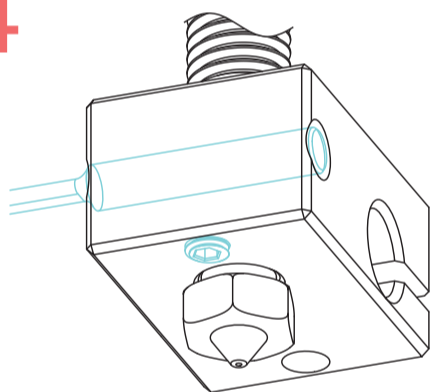
3



Verify nozzle spacing

ensure there is a gap of about 0.5mm between the nozzle and the heaterblock

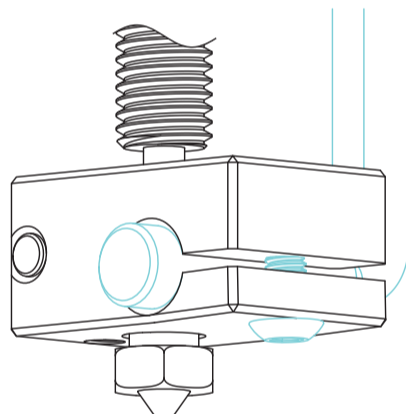
4



Install thermistor

slide thermistor in. screw in the grub screw until it touches the thermistor, then tighten by 1/8th of a turn

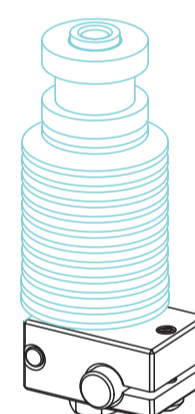
5



Install heater cartridge

slide the heater cartridge in. tighten the clamp around it until it is slightly deformed as shown

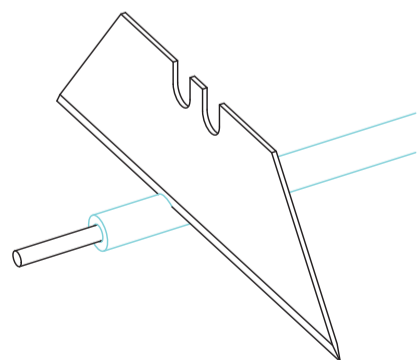
6



Install heatsink

apply thermal compound to the heatbreak, then screw on the heatsink. only hand tight is necessary

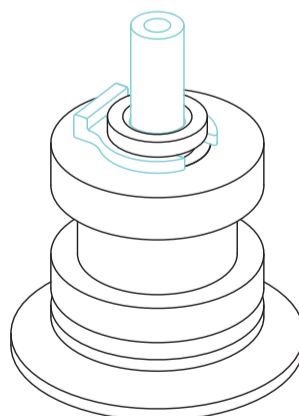
7



Cut PTFE tube

feed some filament through your PTFE tube, then use a sharp blade to cut a square, clean edge

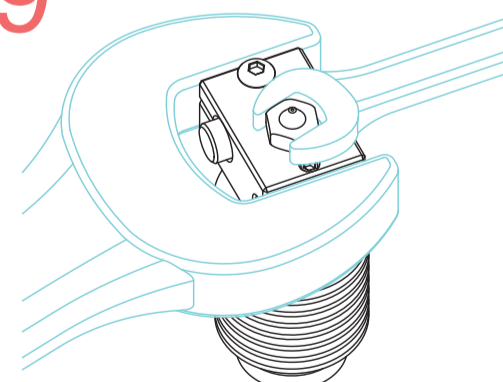
8



Install PTFE tube

insert the PTFE tube all the way down into the heatsink. slide in the collet clip to lock it in place

9



Hot tighten

heat the hotend to 285°C, then gently tighten the nozzle against the heaterblock using two spanners

For more detailed instructions, visit the E3D assembly guide at bit.ly/v6guide