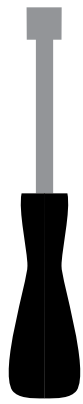


## Changing a nozzle



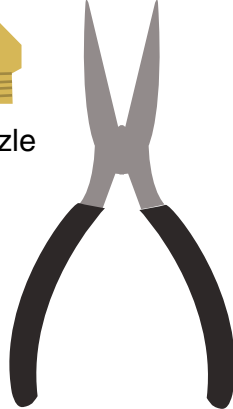
10 mm  
wrench



7 mm Nut  
Driver



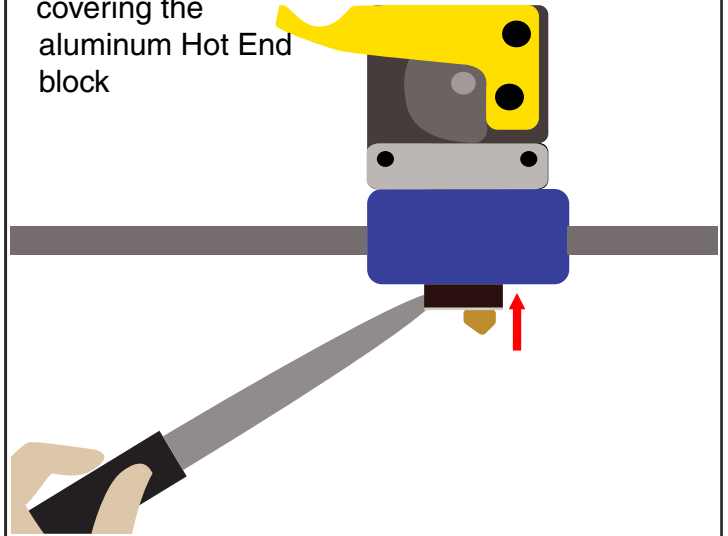
Nozzle



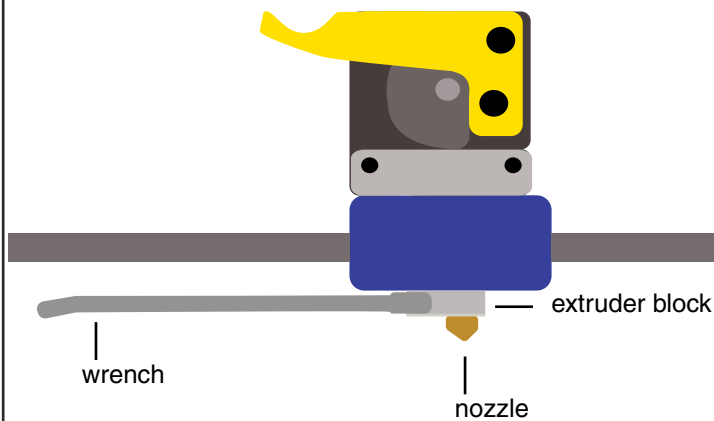
Pliers  
(optional)

Tools Required

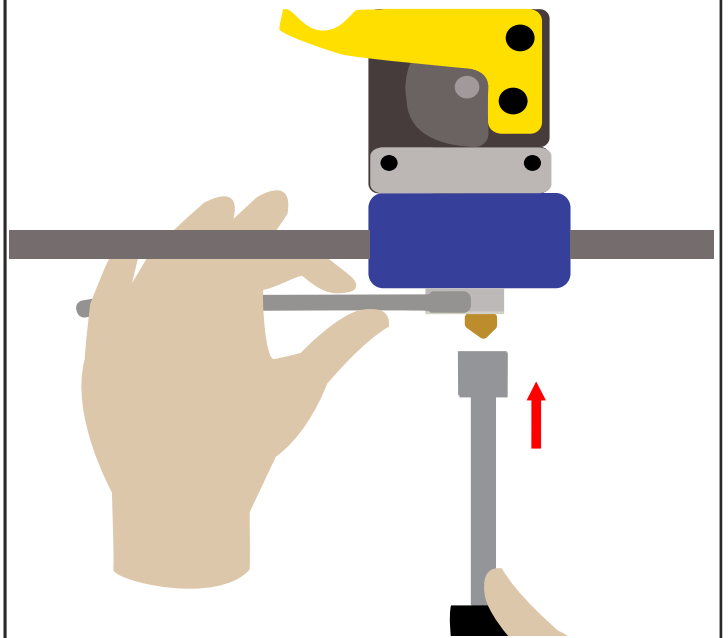
1. Heat nozzle to 230 C
2. Raise the extruder to about 200 mm using the "Z+" button in PolyPronter
3. Use the pliers to push up the silicone sock covering the aluminum Hot End block



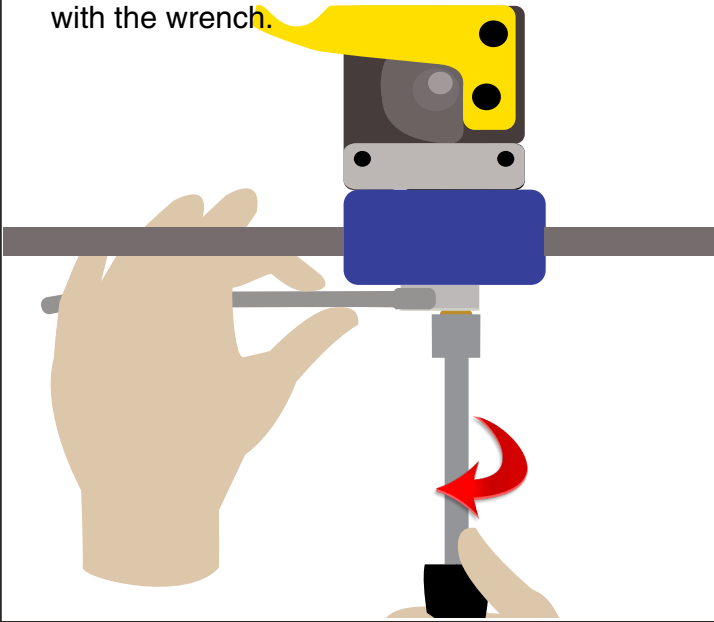
4. Use the wrench to stabilize the Hot End block, holding it parallel to the rail. **IMPORTANT:** do not use the wrench to turn, just keep it firmly in place



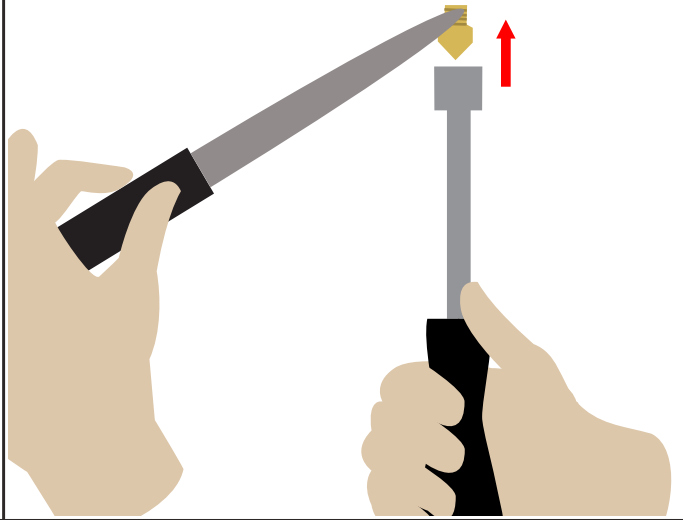
- 5: Push the nut Driver up to engage the Nozzle.



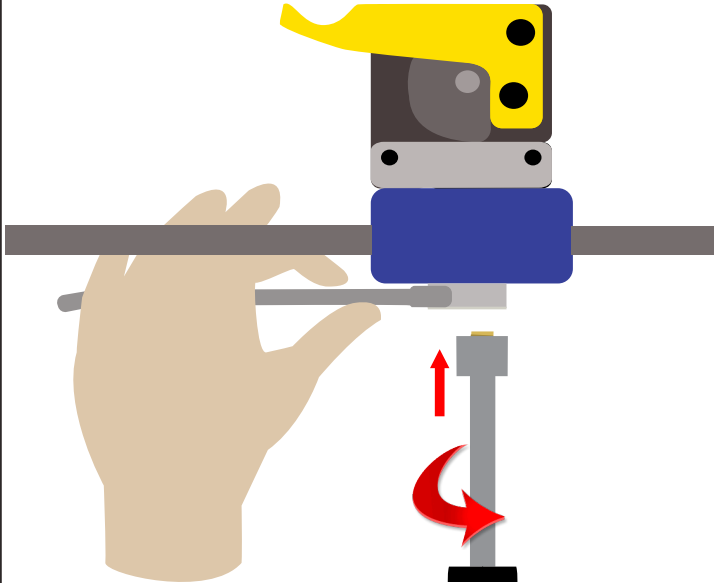
6. Carefully unscrew the nozzle using the nozzle tool, keeping the Hot End block from turning with the wrench.



7. Use the pliers to carefully remove the nozzle from the Nut Driver. CAUTION: the nozzle will still be extremely hot. Place on a metal or glass surface to prevent melting or burning.



8. Place a clean nozzle into the Nut Driver, and gently screw it into the extruder, continuing to stabilize the Hot End block with the wrench.



9. Using the pliers, carefully slide the sock back down over the Hot End block, using the Pliers.

