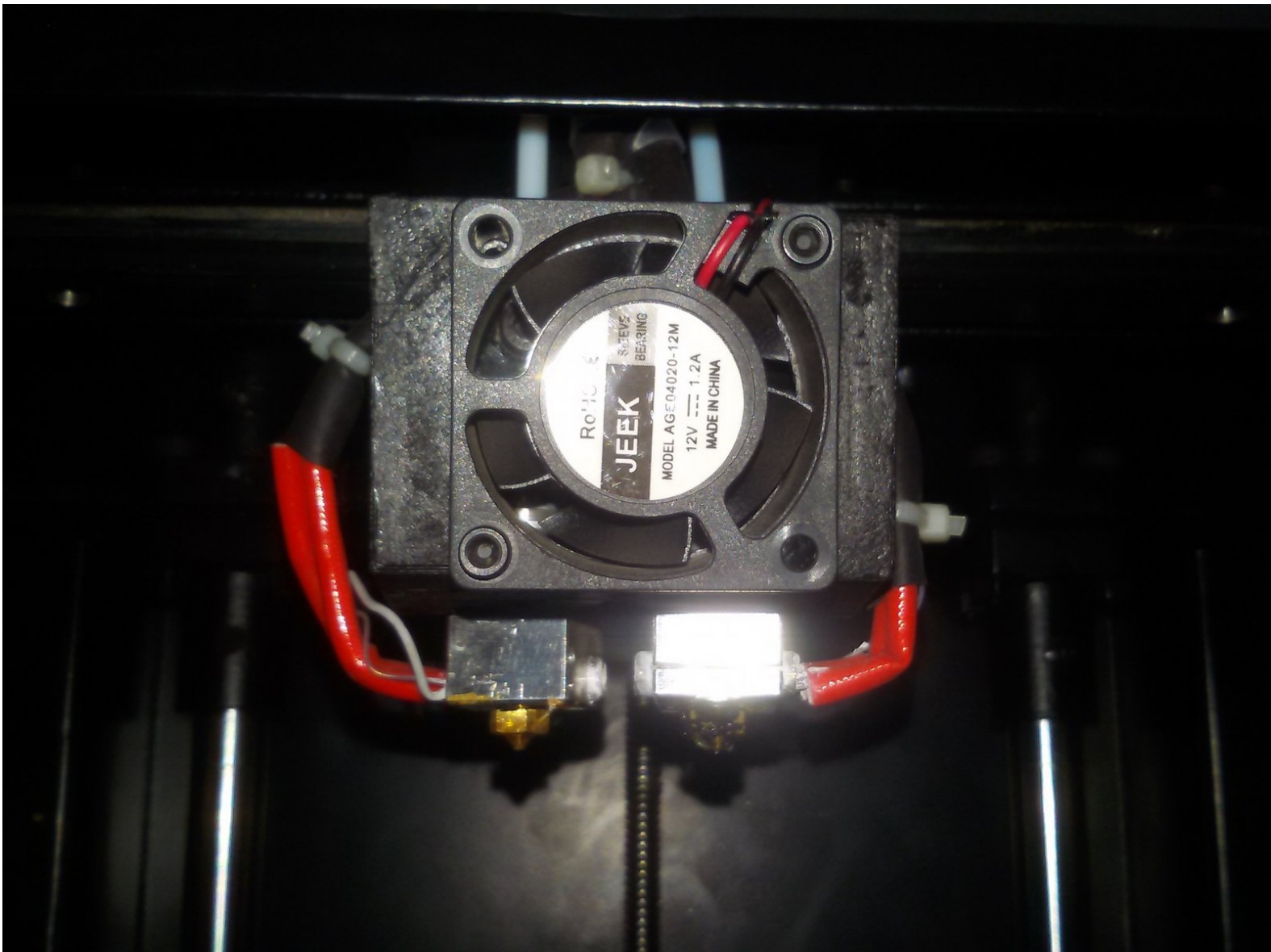




NOZZLE JAM

With this guide we are able to unjam E3D all metal hotend

Written By: abhishek j

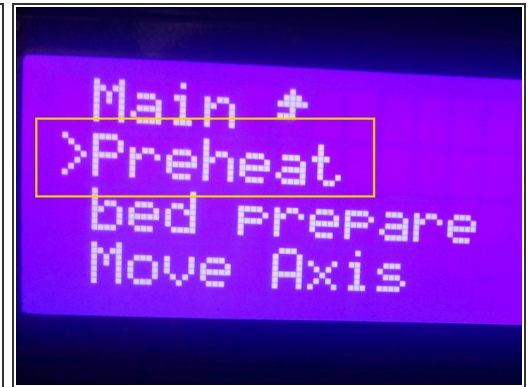




TOOLS:

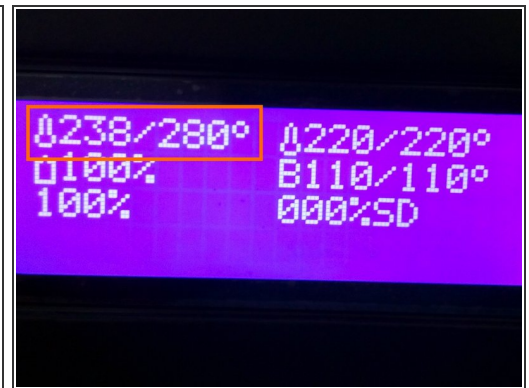
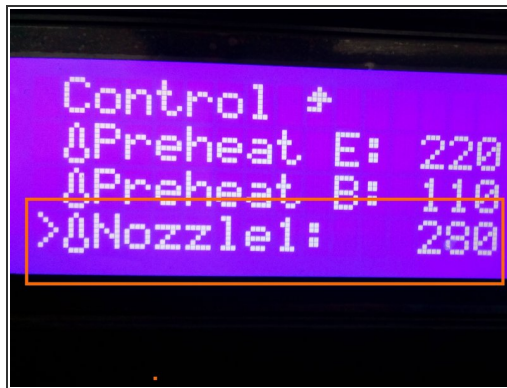
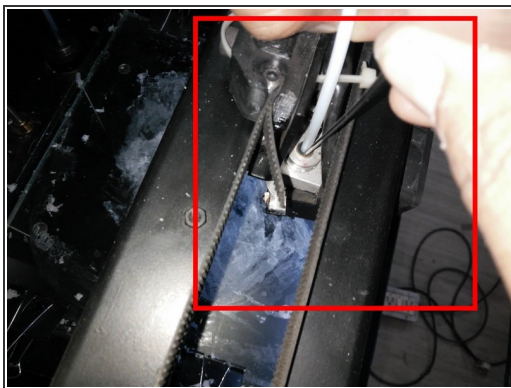
- [Large Needle Nose Pliers](#) (1)
-

Step 1 — PREHEATING THE MACHINE



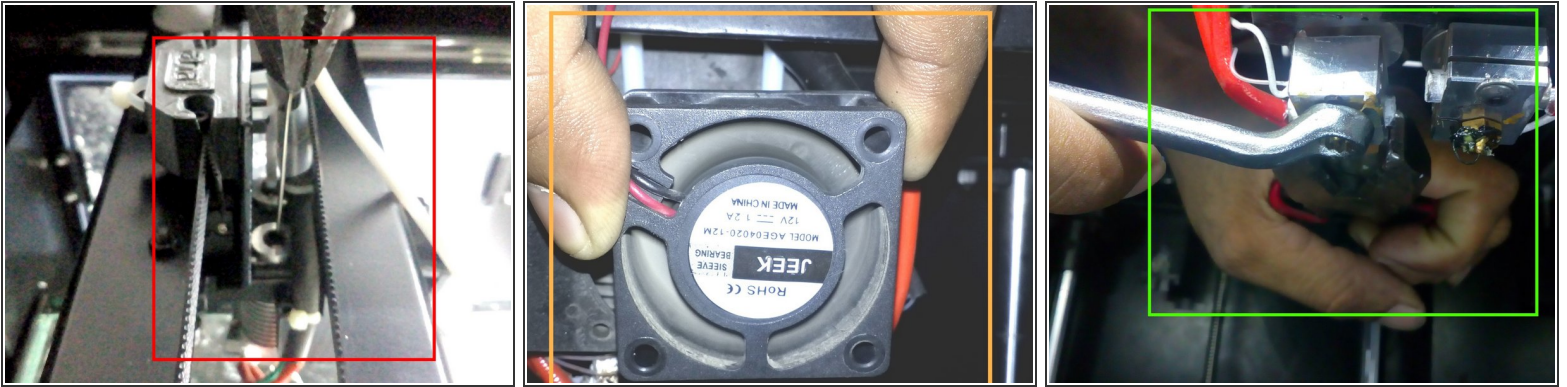
- ON the power switch.
- Go to prepare .
- Click the option , preheat.
- Go back to the main menu, check whether the nozzle temperature is increasing to the set temperature.

Step 2 — REMOVE TEFLON TUBE



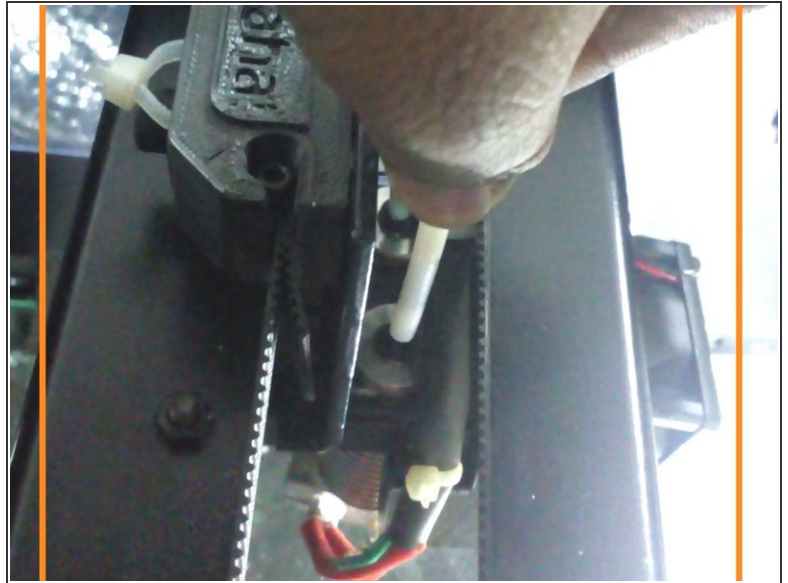
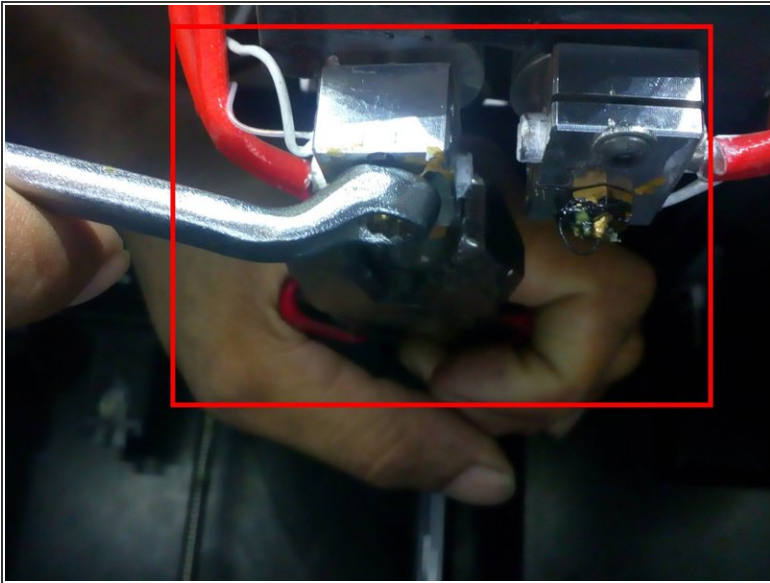
- Remove the teflon tube from the nozzle block.
- In some case the teflon tube will not come out free. In this case, increase the temperature to 280 deg and try to remove the teflon tube.

Step 3 — CLEENING WITH NEEDLE



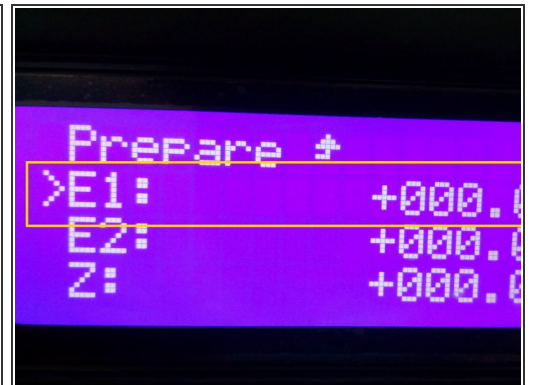
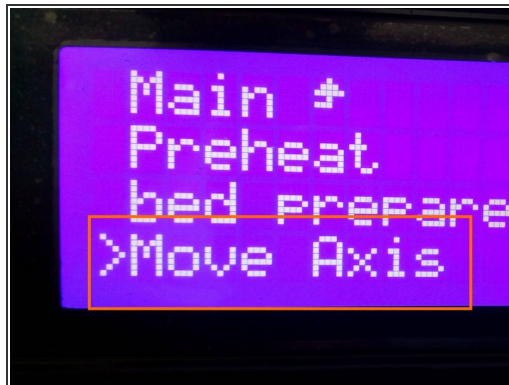
- Take the needle, and try to clean it from the top of the nozzle block.
- In some case, jammed filament will not come out free. At this case , increase the nozzle temperature to 280deg and remove the nozzle cooler fan.
- And try to clean the nozzle from the top with the help of a needle and a nose plier.
- If the nozzle is again not clean, try to clean the nozzle by removing the nozzle tip with the help of a nose plier and spanner. Again clean it with the help of a needle.
- NOTE: Be careful while removing the nozzle tip. If you extract more pressure on the nozzle tip, it may break. So be careful while doing it.

Step 4 — REASSEMBLE.



- Reassemble the nozzle tip again with the help of the nose plier and spanner after cleaning the nozzle.
- Reinsert the teflon tube.

Step 5 — CHECKING OF EXTRUSION



- Go to prepare
- click on move axis
- Select the extrude
- Rotate the knob in clock wise direction and check the extrusion.

Step 6 — GO FOR PRINT



- Now you can go for the print .

To reassemble your device, follow these instructions in reverse order.