



Extruder fan

It have an important role in nozzle extrusion. The fan speed should the proper, else it will cause nozzle jam problem.

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TOOLS:

- [Mako Driver Kit - 64 Precision Bits](#) (1)

Step 1 — CHECKING OF FAN



- We want to check the fan is running or not.
- If you place your hand near your fan, you can understand the fan is running or not.

Step 2 — CHECKING OF FAN SPEED.



- In some case , the fan speed may get reduced. In this case also we want to put new fan. Else the may effect the working of the nozzle.For checking this, GO TO PREPARE
- PREHEAT the machine
- After getting preheated, place your hand near fan, if the fan is pulling out less hot air, you has to change the fan.

Step 3 — HOW TO REMOVE THE FAN?



- Remove the fan from the nozzle block with the help of allen key.
- Remove the back cover of the machine.
- In the 12V supply PCB there will be a connection for extruder fan, remove it. And take the fan out.

Step 4 — REASSEMBLE NEW FAN



- Change the fan with new fan.
- Reconnect the fan connection in the 12V supply PCB.
- Connect the fan in the nozzle block with the help of allen key.

Step 5 — RECHECK THE FAN SPEED



- After connecting the fan back, check the fan speed with the help of your hand placing near the fan.

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